



PROGETTO/Project

Lavori di adeguamento antisismico della scuola materna di  
Botticino Mattina - Caduti delle Cave

Cat. Progetto Esecutivo

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CAPOGRUPPO RTP



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Fascicolo dei calcoli - Verifica statica murature e elementi membranali solai  
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## Introduzione

### Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto. I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza. La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

### Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

### Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.
- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.




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- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.

- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.

- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.

- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.

- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.

- Eurocodice 5 - Progettazione delle strutture di legno.

- DIN 1052 - Metodi di verifica per il legno.

- D.M. del 17/1/2018 - Norme tecniche per le costruzioni.

- Circolare n. 7 del 21/1/2019 - Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018.

- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.

- Eurocodice 3 - Progettazione delle strutture in acciaio.

### Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : daN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

### 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	Lz	Kt
									<m>	<m>	<daN/cmc>
1	Libero	L	L	L	L	L	L				

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly	Lz	Kt
									<m>	<m>	<daN/cmc>
2	Incastro	B	B	B	B	B	B				

#### Elenco nodi

##### Simbologia

Imp. = Numero dell'impalcato

Nodo = Numero del nodo

Vn = Numero del vincolo nodo



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

X = Coordinata X del nodo  
Y = Coordinata Y del nodo  
Z = Coordinata Z del 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
-354	23.20	20.80	3.78	2	1	-353	23.20	20.80	0.00	1	1	-352	23.20	20.80	-0.50	0	2
-351	20.75	15.55	-0.50	0	2	-350	20.75	15.55	3.78	2	1	-349	20.75	15.55	0.00	1	1
-348	21.25	20.85	0.00	1	1	-347	21.25	20.85	-2.20	0	2	-346	27.15	10.55	-0.50	0	2
-345	27.15	10.55	3.78	2	1	-344	27.15	10.55	0.00	1	1	-343	39.67	10.55	-0.50	0	2
-342	39.67	10.55	3.78	2	1	-341	39.67	10.55	0.00	1	1	-340	36.55	10.50	7.21	3	1
-339	35.07	10.50	7.21	3	1	-338	29.68	10.50	7.21	3	1	-337	28.42	10.50	7.21	3	1
-336	27.15	9.12	7.21	3	1	-335	38.26	8.10	7.21	3	1	-334	27.15	7.75	7.21	3	1
-333	39.67	7.07	7.21	3	1	-332	36.85	7.07	7.21	3	1	-331	27.15	6.38	7.21	3	1
-330	39.67	6.03	7.21	3	1	-329	36.85	6.03	7.21	3	1	-328	39.67	5.00	7.21	3	1
-327	35.44	5.00	7.21	3	1	-326	34.03	5.00	7.21	3	1	-325	32.63	5.00	7.21	3	1
-324	31.22	5.00	7.21	3	1	-323	30.51	5.00	7.21	3	1	-322	29.05	5.00	7.21	3	1
-321	39.67	3.67	7.21	3	1	-320	27.15	3.02	7.21	3	1	-319	27.15	1.93	7.21	3	1
-318	37.15	0.93	7.21	3	1	-317	22.15	27.55	3.78	2	1	-316	14.50	27.55	3.78	2	1
-315	0.00	26.30	3.78	2	1	-314	23.20	26.21	3.78	2	1	-313	0.00	25.05	3.78	2	1
-312	23.20	24.87	3.78	2	1	-311	0.00	23.80	3.78	2	1	-310	23.20	23.53	3.78	2	1
-309	23.20	22.19	3.78	2	1	-308	19.24	20.85	3.78	2	1	-307	17.78	20.85	3.78	2	1
-306	16.32	20.85	3.78	2	1	-305	14.86	20.85	3.78	2	1	-304	3.83	20.85	3.78	2	1
-303	2.55	20.85	3.78	2	1	-302	1.27	20.85	3.78	2	1	-301	7.10	19.59	3.78	2	1
-300	35.80	18.35	3.78	2	1	-299	7.10	18.32	3.78	2	1	-298	27.15	18.08	3.78	2	1
-297	23.20	18.08	3.78	2	1	-296	7.10	17.06	3.78	2	1	-295	27.15	16.82	3.78	2	1
-294	23.20	16.82	3.78	2	1	-293	38.38	15.55	3.78	2	1	-292	37.09	15.55	3.78	2	1
-291	25.90	15.55	3.78	2	1	-290	27.15	14.78	3.78	2	1	-289	39.67	14.74	3.78	2	1
-288	0.00	14.68	3.78	2	1	-287	5.89	13.50	3.78	2	1	-286	4.67	13.50	3.78	2	1
-285	3.46	13.50	3.78	2	1	-284	13.90	12.68	3.78	2	1	-283	7.10	12.68	3.78	2	1
-282	20.70	12.16	3.78	2	1	-281	27.15	11.50	3.78	2	1	-280	39.67	11.49	3.78	2	1
-279	20.70	10.82	3.78	2	1	-278	36.55	10.50	3.78	2	1	-277	35.07	10.50	3.78	2	1
-276	29.68	10.50	3.78	2	1	-275	28.42	10.50	3.78	2	1	-274	20.70	9.48	3.78	2	1
-273	27.15	9.12	3.78	2	1	-272	20.70	8.14	3.78	2	1	-271	38.26	8.10	3.78	2	1
-270	0.00	7.87	3.78	2	1	-269	27.15	7.75	3.78	2	1	-268	13.90	7.38	3.78	2	1
-267	39.67	7.07	3.78	2	1	-266	36.85	7.07	3.78	2	1	-265	0.00	6.83	3.78	2	1
-264	7.10	6.80	3.78	2	1	-263	27.15	6.38	3.78	2	1	-262	39.67	6.03	3.78	2	1
-261	36.85	6.03	3.78	2	1	-260	7.10	5.40	3.78	2	1	-259	39.67	5.00	3.78	2	1
-258	35.44	5.00	3.78	2	1	-257	34.03	5.00	3.78	2	1	-256	32.63	5.00	3.78	2	1
-255	31.22	5.00	3.78	2	1	-254	30.51	5.00	3.78	2	1	-253	29.05	5.00	3.78	2	1
-252	39.67	3.67	3.78	2	1	-251	27.15	3.02	3.78	2	1	-250	0.00	2.13	3.78	2	1
-249	7.10	2.00	3.78	2	1	-248	27.15	1.93	3.78	2	1	-247	0.00	1.07	3.78	2	1
-246	37.15	0.93	3.78	2	1	-245	22.90	0.85	3.78	2	1	-244	21.80	0.85	3.78	2	1
-243	22.15	27.55	0.00	1	1	-242	14.50	27.55	0.00	1	1	-241	2.50	27.55	0.00	1	1
-240	0.00	26.30	0.00	1	1	-239	7.10	26.27	0.00	1	1	-238	23.20	26.21	0.00	1	1
-237	0.00	25.05	0.00	1	1	-236	7.10	24.99	0.00	1	1	-235	23.20	24.87	0.00	1	1
-234	0.00	23.80	0.00	1	1	-233	7.10	23.71	0.00	1	1	-232	23.20	23.53	0.00	1	1
-231	7.10	22.43	0.00	1	1	-230	23.20	22.19	0.00	1	1	-229	21.95	20.85	0.00	1	1
-228	19.24	20.85	0.00	1	1	-227	17.78	20.85	0.00	1	1	-226	16.32	20.85	0.00	1	1
-225	14.86	20.85	0.00	1	1	-224	7.88	20.85	0.00	1	1	-223	3.83	20.85	0.00	1	1
-222	2.55	20.85	0.00	1	1	-221	1.27	20.85	0.00	1	1	-220	7.10	19.59	0.00	1	1
-219	20.70	18.95	0.00	1	1	-218	35.80	18.35	0.00	1	1	-217	7.10	18.32	0.00	1	1
-216	27.15	18.08	0.00	1	1	-215	23.20	18.08	0.00	1	1	-214	20.70	17.90	0.00	1	1
-213	7.10	17.06	0.00	1	1	-212	27.15	16.82	0.00	1	1	-211	23.20	16.82	0.00	1	1
-210	38.38	15.55	0.00	1	1	-209	37.09	15.55	0.00	1	1	-208	34.60	15.55	0.00	1	1
-207	29.82	15.55	0.00	1	1	-206	28.48	15.55	0.00	1	1	-205	25.90	15.55	0.00	1	1
-204	22.23	15.55	0.00	1	1	-203	27.15	14.78	0.00	1	1	-202	39.67	14.74	0.00	1	1
-201	0.00	14.68	0.00	1	1	-200	7.10	14.65	0.00	1	1	-199	17.87	13.50	0.00	1	1
-198	16.43	13.50	0.00	1	1	-197	11.60	13.50	0.00	1	1	-196	10.40	13.50	0.00	1	1
-195	9.20	13.50	0.00	1	1	-194	5.89	13.50	0.00	1	1	-193	4.67	13.50	0.00	1	1
-192	3.46	13.50	0.00	1	1	-191	13.90	12.68	0.00	1	1	-190	7.10	12.68	0.00	1	1
-189	20.70	12.16	0.00	1	1	-188	27.15	11.50	0.00	1	1	-187	39.67	11.49	0.00	1	1
-186	20.70	10.82	0.00	1	1	-185	13.90	10.63	0.00	1	1	-184	7.10	10.63	0.00	1	1
-183	36.55	10.50	0.00	1	1	-182	35.07	10.50	0.00	1	1	-181	32.75	10.50	0.00	1	1
-180	29.68	10.50	0.00	1	1	-179	28.42	10.50	0.00	1	1	-178	20.70	9.48	0.00	1	1
-177	39.67	9.46	0.00	1	1	-176	13.90	9.42	0.00	1	1	-175	7.10	9.42	0.00	1	1
-174	27.15	9.12	0.00	1	1	-173	20.70	8.14	0.00	1	1	-172	38.26	8.10	0.00	1	1
-171	0.00	7.87	0.00	1	1	-170	27.15	7.75	0.00	1	1	-169	13.90	7.38	0.00	1	1
-168	39.67	7.07	0.00	1	1	-167	0.00	6.83	0.00	1	1	-166	7.10	6.80	0.00	1	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-165	27.15	6.38	0.00	1	1	-164	39.67	6.03	0.00	1	1	-163	20.70	5.90	0.00	1	1
-162	7.10	5.40	0.00	1	1	-161	13.90	5.38	0.00	1	1	-160	39.67	5.00	0.00	1	1
-159	38.26	5.00	0.00	1	1	-158	35.44	5.00	0.00	1	1	-157	34.03	5.00	0.00	1	1
-156	32.63	5.00	0.00	1	1	-155	31.22	5.00	0.00	1	1	-154	30.51	5.00	0.00	1	1
-153	29.05	5.00	0.00	1	1	-152	0.00	4.50	0.00	1	1	-151	13.90	4.22	0.00	1	1
-150	39.67	3.67	0.00	1	1	-149	20.70	3.62	0.00	1	1	-148	27.15	3.02	0.00	1	1
-147	20.70	2.23	0.00	1	1	-146	0.00	2.13	0.00	1	1	-145	7.10	2.00	0.00	1	1
-144	27.15	1.93	0.00	1	1	-143	13.90	1.90	0.00	1	1	-142	0.00	1.07	0.00	1	1
-141	37.15	0.93	0.00	1	1	-140	26.10	0.85	0.00	1	1	-139	25.05	0.85	0.00	1	1
-138	22.90	0.85	0.00	1	1	-137	21.80	0.85	0.00	1	1	-136	19.35	0.85	0.00	1	1
-135	18.30	0.85	0.00	1	1	-134	16.13	0.85	0.00	1	1	-133	15.02	0.85	0.00	1	1
-132	12.54	0.85	0.00	1	1	-131	11.18	0.85	0.00	1	1	-130	9.82	0.85	0.00	1	1
-129	8.46	0.85	0.00	1	1	-128	5.68	0.00	0.00	1	1	-127	4.26	0.00	0.00	1	1
-126	2.84	0.00	0.00	1	1	-125	1.42	0.00	0.00	1	1	-124	36.27	-0.50	0.00	1	1
-123	28.05	-0.50	0.00	1	1	-122	22.15	27.55	-2.20	0	2	-121	14.50	27.55	-2.20	0	2
-120	2.50	27.55	-2.20	0	2	-119	0.00	26.30	-2.20	0	2	-118	7.10	26.27	-2.20	0	2
-117	23.20	26.21	-2.20	0	2	-116	0.00	25.05	-2.20	0	2	-115	7.10	24.99	-2.20	0	2
-114	23.20	24.87	-2.20	0	2	-113	0.00	23.80	-2.20	0	2	-112	7.10	23.71	-2.20	0	2
-111	23.20	23.53	-2.20	0	2	-110	7.10	22.43	-2.20	0	2	-109	23.20	22.19	-2.20	0	2
-108	21.95	20.85	-2.20	0	2	-107	19.24	20.85	-2.20	0	2	-106	17.78	20.85	-2.20	0	2
-105	16.32	20.85	-2.20	0	2	-104	14.86	20.85	-2.20	0	2	-103	7.88	20.85	-2.20	0	2
-102	3.83	20.85	-2.20	0	2	-101	2.55	20.85	-2.20	0	2	-100	1.27	20.85	-2.20	0	2
-99	7.10	19.59	-2.20	0	2	-98	20.70	18.95	-2.20	0	2	-97	35.80	18.35	-0.50	0	2
-96	7.10	18.32	-2.20	0	2	-95	27.15	18.08	-0.50	0	2	-94	23.20	18.08	-0.50	0	2
-93	20.70	17.90	-2.20	0	2	-92	7.10	17.06	-2.20	0	2	-91	27.15	16.82	-0.50	0	2
-90	23.20	16.82	-0.50	0	2	-89	38.38	15.55	-0.50	0	2	-88	37.09	15.55	-0.50	0	2
-87	34.60	15.55	-0.50	0	2	-86	29.82	15.55	-0.50	0	2	-85	28.48	15.55	-0.50	0	2
-84	25.90	15.55	-0.50	0	2	-83	22.23	15.55	-0.50	0	2	-82	20.70	14.94	-2.20	0	2
-81	27.15	14.78	-0.50	0	2	-80	39.67	14.74	-0.50	0	2	-79	0.00	14.68	-2.20	0	2
-78	7.10	14.65	-2.20	0	2	-77	17.87	13.50	-2.20	0	2	-76	16.43	13.50	-2.20	0	2
-75	11.60	13.50	-2.20	0	2	-74	10.40	13.50	-2.20	0	2	-73	9.20	13.50	-2.20	0	2
-72	5.89	13.50	-2.20	0	2	-71	4.67	13.50	-2.20	0	2	-70	3.46	13.50	-2.20	0	2
-69	13.90	12.68	-2.20	0	2	-68	7.10	12.68	-2.20	0	2	-67	20.70	12.16	-2.20	0	2
-66	27.15	11.50	-0.50	0	2	-65	39.67	11.49	-0.50	0	2	-64	20.70	10.82	-2.20	0	2
-63	13.90	10.63	-2.20	0	2	-62	7.10	10.63	-2.20	0	2	-61	36.55	10.50	-2.20	0	2
-60	35.07	10.50	-2.20	0	2	-59	32.75	10.50	-2.20	0	2	-58	29.68	10.50	-2.20	0	2
-57	28.42	10.50	-2.20	0	2	-56	20.70	9.48	-2.20	0	2	-55	39.67	9.46	-2.20	0	2
-54	13.90	9.42	-2.20	0	2	-53	7.10	9.42	-2.20	0	2	-52	27.15	9.12	-2.20	0	2
-51	20.70	8.14	-2.20	0	2	-50	38.26	8.10	-2.20	0	2	-49	0.00	7.87	-2.20	0	2
-48	27.15	7.75	-2.20	0	2	-47	13.90	7.38	-2.20	0	2	-46	39.67	7.07	-2.20	0	2
-45	0.00	6.83	-2.20	0	2	-44	7.10	6.80	-2.20	0	2	-43	27.15	6.38	-2.20	0	2
-42	39.67	6.03	-2.20	0	2	-41	20.70	5.90	-2.20	0	2	-40	7.10	5.40	-2.20	0	2
-39	13.90	5.38	-2.20	0	2	-38	39.67	5.00	-2.20	0	2	-37	38.26	5.00	-2.20	0	2
-36	35.44	5.00	-2.20	0	2	-35	34.03	5.00	-2.20	0	2	-34	32.63	5.00	-2.20	0	2
-33	31.22	5.00	-2.20	0	2	-32	30.51	5.00	-2.20	0	2	-31	29.05	5.00	-2.20	0	2
-30	0.00	4.50	-2.20	0	2	-29	13.90	4.22	-2.20	0	2	-28	39.67	3.67	-2.20	0	2
-27	20.70	3.62	-2.20	0	2	-26	27.15	3.02	-2.20	0	2	-25	20.70	2.23	-2.20	0	2
-24	0.00	2.13	-2.20	0	2	-23	7.10	2.00	-2.20	0	2	-22	27.15	1.93	-2.20	0	2
-21	13.90	1.90	-2.20	0	2	-20	0.00	1.07	-2.20	0	2	-19	37.15	0.93	-2.20	0	2
-18	26.10	0.85	-2.20	0	2	-17	25.05	0.85	-2.20	0	2	-16	22.90	0.85	-2.20	0	2
-15	21.80	0.85	-2.20	0	2	-14	19.35	0.85	-2.20	0	2	-13	18.30	0.85	-2.20	0	2
-12	16.13	0.85	-2.20	0	2	-11	15.02	0.85	-2.20	0	2	-10	12.54	0.85	-2.20	0	2
-9	11.18	0.85	-2.20	0	2	-8	9.82	0.85	-2.20	0	2	-7	8.46	0.85	-2.20	0	2
-6	5.68	0.00	-2.20	0	2	-5	4.26	0.00	-2.20	0	2	-4	2.84	0.00	-2.20	0	2
-3	1.42	0.00	-2.20	0	2	-2	36.27	-0.50	-2.20	0	2	-1	28.05	-0.50	-2.20	0	2
1	27.15	-0.50	-2.20	0	2	2	28.95	-0.50	-2.20	0	2	3	30.10	-0.50	-2.20	0	2
4	31.55	-0.50	-2.20	0	2	5	32.75	-0.50	-2.20	0	2	6	34.20	-0.50	-2.20	0	2
7	35.40	-0.50	-2.20	0	2	8	37.15	-0.50	-2.20	0	2	9	0.00	0.00	-2.20	0	2
10	7.10	0.00	-2.20	0	2	11	7.10	0.85	-2.20	0	2	12	13.90	0.85	-2.20	0	2
13	17.25	0.85	-2.20	0	2	14	20.40	0.85	-2.20	0	2	15	20.70	0.85	-2.20	0	2
16	24.00	0.85	-2.20	0	2	17	27.15	0.85	-2.20	0	2	18	17.25	1.90	-2.20	0	2
19	37.15	2.35	-2.20	0	2	20	37.62	2.35	-2.20	0	2	21	38.83	2.35	-2.20	0	2
22	39.67	2.35	-2.20	0	2	23	13.90	3.05	-2.20	0	2	24	7.10	3.15	-2.20	0	2
25	0.00	3.20	-2.20	0	2	26	7.10	4.00	-2.20	0	2	27	27.15	4.10	-2.20	0	2
28	20.70	5.00	-2.20	0	2	29	27.15	5.00	-2.20	0	2	30	28.30	5.00	-2.20	0	2
31	29.81	5.00	-2.20	0	2	32	36.85	5.00	-2.20	0	2	33	0.00	5.80	-2.20	0	2
34	13.90	6.55	-2.20	0	2	35	20.70	6.80	-2.20	0	2	36	36.85	8.10	-2.20	0	2
37	39.67	8.10	-2.20	0	2	38	7.10	8.20	-2.20	0	2	39	13.90	8.20	-2.20	0	2
40	39.67	8.43	-2.20	0	2	41	0.00	8.90	-2.20	0	2	42	0.00	10.35	-2.20	0	2



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

43	27.15	10.50	-2.20	0	2	44	30.85	10.50	-2.20	0	2	45	32.10	10.50	-2.20	0	2
46	33.60	10.50	-2.20	0	2	47	38.02	10.50	-2.20	0	2	48	38.92	10.50	-2.20	0	2
49	39.67	10.50	-2.20	0	2	50	0.00	11.30	-2.20	0	2	51	7.10	11.85	-2.20	0	2
52	13.90	11.85	-2.20	0	2	53	39.67	12.47	-0.50	0	2	54	27.15	12.50	-0.50	0	2
55	0.00	12.75	-2.20	0	2	56	0.00	13.50	-2.20	0	2	57	1.30	13.50	-2.20	0	2
58	2.25	13.50	-2.20	0	2	59	7.10	13.50	-2.20	0	2	60	8.00	13.50	-2.20	0	2
61	12.80	13.50	-2.20	0	2	62	13.90	13.50	-2.20	0	2	63	15.00	13.50	-2.20	0	2
64	19.30	13.50	-2.20	0	2	65	20.70	13.50	-2.20	0	2	66	39.67	13.93	-0.50	0	2
67	27.15	14.00	-0.50	0	2	68	20.70	15.55	-2.20	0	2	69	21.25	15.55	-0.50	0	2
70	23.20	15.55	-0.50	0	2	71	23.75	15.55	-0.50	0	2	72	24.65	15.55	-0.50	0	2
73	27.15	15.55	-0.50	0	2	74	31.15	15.55	-0.50	0	2	75	31.75	15.55	-0.50	0	2
76	32.45	15.55	-0.50	0	2	77	33.40	15.55	-0.50	0	2	78	35.80	15.55	-0.50	0	2
79	39.67	15.55	-0.50	0	2	80	7.10	15.80	-2.20	0	2	81	0.00	15.85	-2.20	0	2
82	35.80	16.35	-0.50	0	2	83	20.70	16.85	-2.20	0	2	84	0.00	17.35	-2.20	0	2
85	35.80	17.35	-0.50	0	2	86	0.00	18.25	-2.20	0	2	87	23.20	19.35	-0.50	0	2
88	24.40	19.35	-0.50	0	2	89	25.85	19.35	-0.50	0	2	90	27.15	19.35	-0.50	0	2
91	28.04	19.35	-0.50	0	2	92	29.49	19.35	-0.50	0	2	93	29.76	19.35	-0.50	0	2
94	31.21	19.35	-0.50	0	2	95	31.48	19.35	-0.50	0	2	96	32.93	19.35	-0.50	0	2
97	33.20	19.35	-0.50	0	2	98	34.65	19.35	-0.50	0	2	99	35.80	19.35	-0.50	0	2
100	0.00	19.75	-2.20	0	2	101	20.70	20.00	-2.20	0	2	102	23.20	20.48	-0.50	0	2
103	0.00	20.85	-2.20	0	2	104	5.10	20.85	-2.20	0	2	105	6.10	20.85	-2.20	0	2
106	7.10	20.85	-2.20	0	2	107	8.65	20.85	-2.20	0	2	108	9.55	20.85	-2.20	0	2
109	11.00	20.85	-2.20	0	2	110	11.95	20.85	-2.20	0	2	111	13.40	20.85	-2.20	0	2
112	20.70	20.85	-2.20	0	2	113	23.20	20.85	-2.20	0	2	114	0.00	21.10	-2.20	0	2
115	7.10	21.15	-2.20	0	2	116	0.00	22.55	-2.20	0	2	117	0.00	27.55	-2.20	0	2
118	1.00	27.55	-2.20	0	2	119	4.00	27.55	-2.20	0	2	120	4.95	27.55	-2.20	0	2
121	6.40	27.55	-2.20	0	2	122	7.10	27.55	-2.20	0	2	123	8.55	27.55	-2.20	0	2
124	9.50	27.55	-2.20	0	2	125	10.95	27.55	-2.20	0	2	126	12.00	27.55	-2.20	0	2
127	13.45	27.55	-2.20	0	2	128	15.55	27.55	-2.20	0	2	129	17.00	27.55	-2.20	0	2
130	17.60	27.55	-2.20	0	2	131	19.05	27.55	-2.20	0	2	132	19.65	27.55	-2.20	0	2
133	21.10	27.55	-2.20	0	2	134	23.20	27.55	-2.20	0	2	1001	27.15	-0.50	0.00	1	1
1002	28.95	-0.50	0.00	1	1	1003	30.10	-0.50	0.00	1	1	1004	31.55	-0.50	0.00	1	1
1005	32.75	-0.50	0.00	1	1	1006	34.20	-0.50	0.00	1	1	1007	35.40	-0.50	0.00	1	1
1008	37.15	-0.50	0.00	1	1	1009	0.00	0.00	0.00	1	1	1010	7.10	0.00	0.00	1	1
1011	7.10	0.85	0.00	1	1	1012	13.90	0.85	0.00	1	1	1013	17.25	0.85	0.00	1	1
1014	20.40	0.85	0.00	1	1	1015	20.70	0.85	0.00	1	1	1016	24.00	0.85	0.00	1	1
1017	27.15	0.85	0.00	1	1	1018	17.25	1.90	0.00	1	1	1019	37.15	2.35	0.00	1	1
1020	37.62	2.35	0.00	1	1	1021	38.83	2.35	0.00	1	1	1022	39.67	2.35	0.00	1	1
1023	13.90	3.05	0.00	1	1	1024	7.10	3.15	0.00	1	1	1025	0.00	3.20	0.00	1	1
1026	7.10	4.00	0.00	1	1	1027	27.15	4.10	0.00	1	1	1028	20.70	5.00	0.00	1	1
1029	27.15	5.00	0.00	1	1	1030	28.30	5.00	0.00	1	1	1031	29.81	5.00	0.00	1	1
1032	36.85	5.00	0.00	1	1	1033	0.00	5.80	0.00	1	1	1034	13.90	6.55	0.00	1	1
1035	20.70	6.80	0.00	1	1	1036	36.85	8.10	0.00	1	1	1037	39.67	8.10	0.00	1	1
1038	7.10	8.20	0.00	1	1	1039	13.90	8.20	0.00	1	1	1040	39.67	8.43	0.00	1	1
1041	0.00	8.90	0.00	1	1	1042	0.00	10.35	0.00	1	1	1043	27.15	10.50	0.00	1	1
1044	30.85	10.50	0.00	1	1	1045	32.10	10.50	0.00	1	1	1046	33.60	10.50	0.00	1	1
1047	38.02	10.50	0.00	1	1	1048	38.92	10.50	0.00	1	1	1049	39.67	10.50	0.00	1	1
1050	0.00	11.30	0.00	1	1	1051	7.10	11.85	0.00	1	1	1052	13.90	11.85	0.00	1	1
1053	39.67	12.47	0.00	1	1	1054	27.15	12.50	0.00	1	1	1055	0.00	12.75	0.00	1	1
1056	0.00	13.50	0.00	1	1	1057	1.30	13.50	0.00	1	1	1058	2.25	13.50	0.00	1	1
1059	7.10	13.50	0.00	1	1	1060	8.00	13.50	0.00	1	1	1061	12.80	13.50	0.00	1	1
1062	13.90	13.50	0.00	1	1	1063	15.00	13.50	0.00	1	1	1064	19.30	13.50	0.00	1	1
1065	20.70	13.50	0.00	1	1	1066	39.67	13.93	0.00	1	1	1067	27.15	14.00	0.00	1	1
1068	20.70	14.94	0.00	1	1	1069	20.70	15.55	0.00	1	1	1070	21.25	15.55	0.00	1	1
1071	23.20	15.55	0.00	1	1	1072	23.75	15.55	0.00	1	1	1073	24.65	15.55	0.00	1	1
1074	27.15	15.55	0.00	1	1	1075	31.15	15.55	0.00	1	1	1076	31.75	15.55	0.00	1	1
1077	32.45	15.55	0.00	1	1	1078	33.40	15.55	0.00	1	1	1079	35.80	15.55	0.00	1	1
1080	39.67	15.55	0.00	1	1	1081	7.10	15.80	0.00	1	1	1082	0.00	15.85	0.00	1	1
1083	35.80	16.35	0.00	1	1	1084	20.70	16.85	0.00	1	1	1085	0.00	17.35	0.00	1	1
1086	35.80	17.35	0.00	1	1	1087	0.00	18.25	0.00	1	1	1088	23.20	19.35	0.00	1	1
1089	24.40	19.35	0.00	1	1	1090	25.85	19.35	0.00	1	1	1091	27.15	19.35	0.00	1	1
1092	28.04	19.35	0.00	1	1	1093	29.49	19.35	0.00	1	1	1094	29.76	19.35	0.00	1	1
1095	31.21	19.35	0.00	1	1	1096	31.48	19.35	0.00	1	1	1097	32.93	19.35	0.00	1	1
1098	33.20	19.35	0.00	1	1	1099	34.65	19.35	0.00	1	1	1100	35.80	19.35	0.00	1	1
1101	0.00	19.75	0.00	1	1	1102	20.70	20.00	0.00	1	1	1103	23.20	20.48	0.00	1	1
1104	0.00	20.85	0.00	1	1	1105	5.10	20.85	0.00	1	1	1106	6.10	20.85	0.00	1	1
1107	7.10	20.85	0.00	1	1	1108	8.65	20.85	0.00	1	1	1109	9.55	20.85	0.00	1	1
1110	11.00	20.85	0.00	1	1	1111	11.95	20.85	0.00	1	1	1112	13.40	20.85	0.00	1	1
1113	20.70	20.85	0.00	1	1	1114	23.20	20.85	0.00	1	1	1115	0.00	21.10	0.00	1	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

1116	7.10	21.15	0.00	1	1	1117	0.00	22.55	0.00	1	1	1118	0.00	27.55	0.00	1	1
1119	1.00	27.55	0.00	1	1	1120	4.00	27.55	0.00	1	1	1121	4.95	27.55	0.00	1	1
1122	6.40	27.55	0.00	1	1	1123	7.10	27.55	0.00	1	1	1124	8.55	27.55	0.00	1	1
1125	9.50	27.55	0.00	1	1	1126	10.95	27.55	0.00	1	1	1127	12.00	27.55	0.00	1	1
1128	13.45	27.55	0.00	1	1	1129	15.55	27.55	0.00	1	1	1130	17.00	27.55	0.00	1	1
1131	17.60	27.55	0.00	1	1	1132	19.05	27.55	0.00	1	1	1133	19.65	27.55	0.00	1	1
1134	21.10	27.55	0.00	1	1	1135	23.20	27.55	0.00	1	1	2001	27.15	-0.50	3.78	2	1
2002	28.95	-0.50	3.78	2	1	2003	30.10	-0.50	3.78	2	1	2004	31.55	-0.50	3.78	2	1
2005	32.75	-0.50	3.78	2	1	2006	34.20	-0.50	3.78	2	1	2007	35.40	-0.50	3.78	2	1
2008	37.15	-0.50	3.78	2	1	2009	0.00	0.00	3.78	2	1	2010	7.10	0.00	3.78	2	1
2011	7.10	0.85	3.78	2	1	2012	13.90	0.85	3.78	2	1	2013	17.25	0.85	3.78	2	1
2014	20.40	0.85	3.78	2	1	2015	20.70	0.85	3.78	2	1	2016	24.00	0.85	3.78	2	1
2017	27.15	0.85	3.78	2	1	2018	13.90	1.90	3.78	2	1	2019	17.25	1.90	3.78	2	1
2020	37.15	2.35	3.78	2	1	2021	37.62	2.35	3.78	2	1	2022	38.83	2.35	3.78	2	1
2023	39.67	2.35	3.78	2	1	2024	13.90	3.05	3.78	2	1	2025	7.10	3.15	3.78	2	1
2026	0.00	3.20	3.78	2	1	2027	7.10	4.00	3.78	2	1	2028	27.15	4.10	3.78	2	1
2029	20.70	5.00	3.78	2	1	2030	27.15	5.00	3.78	2	1	2031	28.30	5.00	3.78	2	1
2032	29.81	5.00	3.78	2	1	2033	36.85	5.00	3.78	2	1	2034	0.00	5.80	3.78	2	1
2035	13.90	6.55	3.78	2	1	2036	20.70	6.80	3.78	2	1	2037	36.85	8.10	3.78	2	1
2038	39.67	8.10	3.78	2	1	2039	7.10	8.20	3.78	2	1	2040	13.90	8.20	3.78	2	1
2041	39.67	8.43	3.78	2	1	2042	0.00	8.90	3.78	2	1	2043	0.00	10.35	3.78	2	1
2044	27.15	10.50	3.78	2	1	2045	30.85	10.50	3.78	2	1	2046	32.10	10.50	3.78	2	1
2047	33.60	10.50	3.78	2	1	2048	38.02	10.50	3.78	2	1	2049	38.92	10.50	3.78	2	1
2050	39.67	10.50	3.78	2	1	2051	0.00	11.30	3.78	2	1	2052	7.10	11.85	3.78	2	1
2053	13.90	11.85	3.78	2	1	2054	39.67	12.47	3.78	2	1	2055	27.15	12.50	3.78	2	1
2056	0.00	12.75	3.78	2	1	2057	0.00	13.50	3.78	2	1	2058	1.30	13.50	3.78	2	1
2059	2.25	13.50	3.78	2	1	2060	7.10	13.50	3.78	2	1	2061	8.00	13.50	3.78	2	1
2062	12.80	13.50	3.78	2	1	2063	13.90	13.50	3.78	2	1	2064	15.00	13.50	3.78	2	1
2065	19.30	13.50	3.78	2	1	2066	20.70	13.50	3.78	2	1	2067	39.67	13.93	3.78	2	1
2068	27.15	14.00	3.78	2	1	2069	20.70	14.94	3.78	2	1	2070	20.70	15.55	3.78	2	1
2071	21.25	15.55	3.78	2	1	2072	23.20	15.55	3.78	2	1	2073	23.75	15.55	3.78	2	1
2074	24.65	15.55	3.78	2	1	2075	27.15	15.55	3.78	2	1	2076	31.15	15.55	3.78	2	1
2077	31.75	15.55	3.78	2	1	2078	32.45	15.55	3.78	2	1	2079	33.40	15.55	3.78	2	1
2080	35.80	15.55	3.78	2	1	2081	39.67	15.55	3.78	2	1	2082	7.10	15.80	3.78	2	1
2083	0.00	15.85	3.78	2	1	2084	35.80	16.35	3.78	2	1	2085	20.70	16.85	3.78	2	1
2086	0.00	17.35	3.78	2	1	2087	35.80	17.35	3.78	2	1	2088	0.00	18.25	3.78	2	1
2089	23.20	19.35	3.78	2	1	2090	24.40	19.35	3.78	2	1	2091	25.85	19.35	3.78	2	1
2092	27.15	19.35	3.78	2	1	2093	28.04	19.35	3.78	2	1	2094	29.49	19.35	3.78	2	1
2095	29.76	19.35	3.78	2	1	2096	31.21	19.35	3.78	2	1	2097	31.48	19.35	3.78	2	1
2098	32.93	19.35	3.78	2	1	2099	33.20	19.35	3.78	2	1	2100	34.65	19.35	3.78	2	1
2101	35.80	19.35	3.78	2	1	2102	0.00	19.75	3.78	2	1	2103	20.70	20.00	3.78	2	1
2104	23.20	20.48	3.78	2	1	2105	0.00	20.85	3.78	2	1	2106	5.10	20.85	3.78	2	1
2107	6.10	20.85	3.78	2	1	2108	7.10	20.85	3.78	2	1	2109	8.65	20.85	3.78	2	1
2110	9.55	20.85	3.78	2	1	2111	11.00	20.85	3.78	2	1	2112	11.95	20.85	3.78	2	1
2113	13.40	20.85	3.78	2	1	2114	20.70	20.85	3.78	2	1	2115	23.20	20.85	3.78	2	1
2116	0.00	21.10	3.78	2	1	2117	7.10	21.15	3.78	2	1	2118	0.00	22.55	3.78	2	1
2119	0.00	27.55	3.78	2	1	2120	1.00	27.55	3.78	2	1	2121	4.00	27.55	3.78	2	1
2122	4.95	27.55	3.78	2	1	2123	6.40	27.55	3.78	2	1	2124	7.10	27.55	3.78	2	1
2125	8.55	27.55	3.78	2	1	2126	9.50	27.55	3.78	2	1	2127	10.95	27.55	3.78	2	1
2128	12.00	27.55	3.78	2	1	2129	13.45	27.55	3.78	2	1	2130	15.55	27.55	3.78	2	1
2131	17.00	27.55	3.78	2	1	2132	17.60	27.55	3.78	2	1	2133	19.05	27.55	3.78	2	1
2134	19.65	27.55	3.78	2	1	2135	21.10	27.55	3.78	2	1	2136	23.20	27.55	3.78	2	1
3001	27.15	-2.00	7.21	3	1	3002	37.15	-2.00	7.21	3	1	3003	25.65	-0.50	7.21	3	1
3004	27.15	-0.50	7.21	3	1	3005	28.95	-0.50	7.21	3	1	3006	30.10	-0.50	7.21	3	1
3007	31.55	-0.50	7.21	3	1	3008	32.75	-0.50	7.21	3	1	3009	34.20	-0.50	7.21	3	1
3010	35.40	-0.50	7.21	3	1	3011	37.15	-0.50	7.21	3	1	3012	27.15	0.85	7.21	3	1
3013	37.15	2.35	7.21	3	1	3014	37.62	2.35	7.21	3	1	3015	38.83	2.35	7.21	3	1
3016	39.67	2.35	7.21	3	1	3017	41.17	2.35	7.21	3	1	3018	27.15	4.10	7.21	3	1
3019	27.15	5.00	7.21	3	1	3020	28.30	5.00	7.21	3	1	3021	29.81	5.00	7.21	3	1
3022	36.85	5.00	7.21	3	1	3023	36.85	8.10	7.21	3	1	3024	39.67	8.10	7.21	3	1
3025	39.67	8.43	7.21	3	1	3026	25.65	10.50	7.21	3	1	3027	27.15	10.50	7.21	3	1
3028	30.85	10.50	7.21	3	1	3029	32.10	10.50	7.21	3	1	3030	33.60	10.50	7.21	3	1
3031	38.02	10.50	7.21	3	1	3032	38.92	10.50	7.21	3	1	3033	39.67	10.50	7.21	3	1
3034	41.17	10.50	7.21	3	1	3035	27.15	12.00	7.21	3	1	3036	39.67	12.00	7.21	3	1

### Elenco materiali

#### Simbologia

$\alpha$  =Coeff. di dilatazione termica



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

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 <sup>2</sup> >	G <daN/cm <sup>2</sup> >	v	α
4	Calcestruzzo classe C20/25	2500	302005.00	137275.00	0.1	1.00E-05
22	Muratura 1	1800	40000.00	16000.00	0.1	1.00E-05
23	Muratura 2	1800	65000.00	26000.00	0.1	1.00E-05

**Elenco vincoli aste**

**Simbologia**

Comm.=Commento  
Kt =Coeff. di sottofondo su suolo elastico alla Winkler  
Mxf =Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)  
Mxi =Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)  
Myf =Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)  
Myi =Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)  
Mzf =Momento intorno all'asse Z locale nodo finale (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)  
Ni =Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)  
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  
Tyf =Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)  
Tyi =Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)  
Tzf =Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)  
Tzi =Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)  
Va =Numero del vincolo asta

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <daN/cm <sup>2</sup> >
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	

**Elenco aste**

**Simbologia**

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

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF <cm>	Dy1 <cm>	Dy2 <cm>	Dz1 <cm>	Dz2 <cm>	Kt <daN/cm <sup>2</sup> >
0	-20	9		1		0.00	11	0.00	0.00	0.00	0.00	
0	9	-3		1		0.00	11	0.00	0.00	0.00	0.00	
0	-24	-20		1		0.00	11	0.00	0.00	0.00	0.00	
0	-3	-4		1		0.00	11	0.00	0.00	0.00	0.00	
0	1009	-125		1		0.00	11	0.00	0.00	0.00	0.00	
0	25	-24		1		0.00	11	0.00	0.00	0.00	0.00	
0	-142	1009		1		0.00	11	0.00	0.00	0.00	0.00	
0	-146	-142		1		0.00	11	0.00	0.00	0.00	0.00	
0	-4	-5		1		0.00	11	0.00	0.00	0.00	0.00	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-125	-126	1	0.00	11	0.00	0.00	0.00	0.00
0	-30	25	1	0.00	11	0.00	0.00	0.00	0.00
0	1025	-146	1	0.00	11	0.00	0.00	0.00	0.00
0	-152	1025	1	0.00	11	0.00	0.00	0.00	0.00
0	-5	-6	1	0.00	11	0.00	0.00	0.00	0.00
0	-126	-127	1	0.00	11	0.00	0.00	0.00	0.00
0	-127	-128	1	0.00	11	0.00	0.00	0.00	0.00
0	33	-30	1	0.00	11	0.00	0.00	0.00	0.00
0	-45	33	1	0.00	11	0.00	0.00	0.00	0.00
0	-247	2009	1	0.00	11	0.00	0.00	0.00	0.00
0	-49	-45	1	0.00	11	0.00	0.00	0.00	0.00
0	1033	-152	1	0.00	11	0.00	0.00	0.00	0.00
0	-250	-247	1	0.00	11	0.00	0.00	0.00	0.00
0	2026	-250	1	0.00	11	0.00	0.00	0.00	0.00
0	2034	2026	1	0.00	11	0.00	0.00	0.00	0.00
0	-265	2034	1	0.00	11	0.00	0.00	0.00	0.00
0	-6	10	1	0.00	11	0.00	0.00	0.00	0.00
0	10	11	1	0.00	11	0.00	0.00	0.00	0.00
0	-128	1010	1	0.00	11	0.00	0.00	0.00	0.00
0	41	-49	1	0.00	11	0.00	0.00	0.00	0.00
0	-167	1033	1	0.00	11	0.00	0.00	0.00	0.00
0	-171	-167	1	0.00	11	0.00	0.00	0.00	0.00
0	-270	-265	1	0.00	11	0.00	0.00	0.00	0.00
0	11	-23	1	0.00	11	0.00	0.00	0.00	0.00
0	11	-7	1	0.00	11	0.00	0.00	0.00	0.00
0	-23	24	1	0.00	11	0.00	0.00	0.00	0.00
0	1010	1011	1	0.00	11	0.00	0.00	0.00	0.00
0	42	41	1	0.00	11	0.00	0.00	0.00	0.00
0	1041	-171	1	0.00	11	0.00	0.00	0.00	0.00
0	1042	1041	1	0.00	11	0.00	0.00	0.00	0.00
0	2042	-270	1	0.00	11	0.00	0.00	0.00	0.00
0	-7	-8	1	0.00	11	0.00	0.00	0.00	0.00
0	1011	-145	1	0.00	11	0.00	0.00	0.00	0.00
0	-145	1024	1	0.00	11	0.00	0.00	0.00	0.00
0	2009	2010	1	0.00	11	0.00	0.00	0.00	0.00
0	1011	-129	1	0.00	11	0.00	0.00	0.00	0.00
0	24	26	1	0.00	11	0.00	0.00	0.00	0.00
0	-8	-9	1	0.00	11	0.00	0.00	0.00	0.00
0	-129	-130	1	0.00	11	0.00	0.00	0.00	0.00
0	26	-40	1	0.00	11	0.00	0.00	0.00	0.00
0	1024	1026	1	0.00	11	0.00	0.00	0.00	0.00
0	2010	2011	1	0.00	11	0.00	0.00	0.00	0.00
0	-249	2025	1	0.00	11	0.00	0.00	0.00	0.00
0	50	42	1	0.00	11	0.00	0.00	0.00	0.00
0	1050	1042	1	0.00	11	0.00	0.00	0.00	0.00
0	1026	-162	1	0.00	11	0.00	0.00	0.00	0.00
0	-9	-10	1	0.00	11	0.00	0.00	0.00	0.00
0	-130	-131	1	0.00	11	0.00	0.00	0.00	0.00
0	2011	-249	1	0.00	11	0.00	0.00	0.00	0.00
0	2011	2012	1	0.00	11	0.00	0.00	0.00	0.00
0	55	50	1	0.00	11	0.00	0.00	0.00	0.00
0	1055	1050	1	0.00	11	0.00	0.00	0.00	0.00
0	-131	-132	1	0.00	11	0.00	0.00	0.00	0.00
0	81	-79	1	0.00	11	0.00	0.00	0.00	0.00
0	1056	1055	1	0.00	11	0.00	0.00	0.00	0.00
0	2051	2043	1	0.00	11	0.00	0.00	0.00	0.00
0	2056	2051	1	0.00	11	0.00	0.00	0.00	0.00
0	-162	-166	1	0.00	11	0.00	0.00	0.00	0.00
0	-79	56	1	0.00	11	0.00	0.00	0.00	0.00
0	57	56	1	0.00	11	0.00	0.00	0.00	0.00
0	2057	2056	1	0.00	11	0.00	0.00	0.00	0.00
0	-40	-44	1	0.00	11	0.00	0.00	0.00	0.00
0	-44	38	1	0.00	11	0.00	0.00	0.00	0.00
0	2025	2027	1	0.00	11	0.00	0.00	0.00	0.00
0	2027	-260	1	0.00	11	0.00	0.00	0.00	0.00
0	56	55	1	0.00	11	0.00	0.00	0.00	0.00
0	-260	-264	1	0.00	11	0.00	0.00	0.00	0.00
0	-10	12	1	0.00	11	0.00	0.00	0.00	0.00
0	-132	1012	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-201	1056	1	0.00	11	0.00	0.00	0.00	0.00
0	1057	1056	1	0.00	11	0.00	0.00	0.00	0.00
0	-264	2039	1	0.00	11	0.00	0.00	0.00	0.00
0	58	57	1	0.00	11	0.00	0.00	0.00	0.00
0	84	81	1	0.00	11	0.00	0.00	0.00	0.00
0	1082	-201	1	0.00	11	0.00	0.00	0.00	0.00
0	2083	-288	1	0.00	11	0.00	0.00	0.00	0.00
0	12	-21	1	0.00	11	0.00	0.00	0.00	0.00
0	-70	58	1	0.00	11	0.00	0.00	0.00	0.00
0	2043	2042	1	0.00	11	0.00	0.00	0.00	0.00
0	-192	1058	1	0.00	11	0.00	0.00	0.00	0.00
0	2058	2057	1	0.00	11	0.00	0.00	0.00	0.00
0	-166	1038	1	0.00	11	0.00	0.00	0.00	0.00
0	1058	1057	1	0.00	11	0.00	0.00	0.00	0.00
0	-11	-12	1	0.00	11	0.00	0.00	0.00	0.00
0	-53	-62	1	0.00	11	0.00	0.00	0.00	0.00
0	2059	2058	1	0.00	11	0.00	0.00	0.00	0.00
0	12	-11	1	0.00	11	0.00	0.00	0.00	0.00
0	-285	2059	1	0.00	11	0.00	0.00	0.00	0.00
0	-21	23	1	0.00	11	0.00	0.00	0.00	0.00
0	1012	-143	1	0.00	11	0.00	0.00	0.00	0.00
0	1012	-133	1	0.00	11	0.00	0.00	0.00	0.00
0	38	-53	1	0.00	11	0.00	0.00	0.00	0.00
0	1038	-175	1	0.00	11	0.00	0.00	0.00	0.00
0	23	-29	1	0.00	11	0.00	0.00	0.00	0.00
0	-143	1023	1	0.00	11	0.00	0.00	0.00	0.00
0	-133	-134	1	0.00	11	0.00	0.00	0.00	0.00
0	1085	1082	1	0.00	11	0.00	0.00	0.00	0.00
0	2086	2083	1	0.00	11	0.00	0.00	0.00	0.00
0	-134	1013	1	0.00	11	0.00	0.00	0.00	0.00
0	-71	-70	1	0.00	11	0.00	0.00	0.00	0.00
0	-193	-192	1	0.00	11	0.00	0.00	0.00	0.00
0	51	-68	1	0.00	11	0.00	0.00	0.00	0.00
0	2039	2052	1	0.00	11	0.00	0.00	0.00	0.00
0	-29	-39	1	0.00	11	0.00	0.00	0.00	0.00
0	1023	-151	1	0.00	11	0.00	0.00	0.00	0.00
0	-62	51	1	0.00	11	0.00	0.00	0.00	0.00
0	-175	-184	1	0.00	11	0.00	0.00	0.00	0.00
0	-286	-285	1	0.00	11	0.00	0.00	0.00	0.00
0	2088	2086	1	0.00	11	0.00	0.00	0.00	0.00
0	13	-13	1	0.00	11	0.00	0.00	0.00	0.00
0	-13	-14	1	0.00	11	0.00	0.00	0.00	0.00
0	2012	2018	1	0.00	11	0.00	0.00	0.00	0.00
0	2018	2024	1	0.00	11	0.00	0.00	0.00	0.00
0	86	84	1	0.00	11	0.00	0.00	0.00	0.00
0	-72	-71	1	0.00	11	0.00	0.00	0.00	0.00
0	-288	2057	1	0.00	11	0.00	0.00	0.00	0.00
0	-12	13	1	0.00	11	0.00	0.00	0.00	0.00
0	1013	1018	1	0.00	11	0.00	0.00	0.00	0.00
0	2012	2013	1	0.00	11	0.00	0.00	0.00	0.00
0	-184	1051	1	0.00	11	0.00	0.00	0.00	0.00
0	-151	-161	1	0.00	11	0.00	0.00	0.00	0.00
0	100	86	1	0.00	11	0.00	0.00	0.00	0.00
0	1087	1085	1	0.00	11	0.00	0.00	0.00	0.00
0	13	18	1	0.00	11	0.00	0.00	0.00	0.00
0	1013	-135	1	0.00	11	0.00	0.00	0.00	0.00
0	-135	-136	1	0.00	11	0.00	0.00	0.00	0.00
0	2013	2019	1	0.00	11	0.00	0.00	0.00	0.00
0	59	-72	1	0.00	11	0.00	0.00	0.00	0.00
0	-194	-193	1	0.00	11	0.00	0.00	0.00	0.00
0	1101	1087	1	0.00	11	0.00	0.00	0.00	0.00
0	2102	2088	1	0.00	11	0.00	0.00	0.00	0.00
0	-39	34	1	0.00	11	0.00	0.00	0.00	0.00
0	-161	1034	1	0.00	11	0.00	0.00	0.00	0.00
0	-68	59	1	0.00	11	0.00	0.00	0.00	0.00
0	60	59	1	0.00	11	0.00	0.00	0.00	0.00
0	59	-78	1	0.00	11	0.00	0.00	0.00	0.00
0	1051	-190	1	0.00	11	0.00	0.00	0.00	0.00
0	1059	-194	1	0.00	11	0.00	0.00	0.00	0.00





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-190	1059	1	0.00	11	0.00	0.00	0.00	0.00
0	2060	-287	1	0.00	11	0.00	0.00	0.00	0.00
0	-14	14	1	0.00	11	0.00	0.00	0.00	0.00
0	2013	2014	1	0.00	11	0.00	0.00	0.00	0.00
0	-283	2060	1	0.00	11	0.00	0.00	0.00	0.00
0	103	100	1	0.00	11	0.00	0.00	0.00	0.00
0	1104	1101	1	0.00	11	0.00	0.00	0.00	0.00
0	-136	1014	1	0.00	11	0.00	0.00	0.00	0.00
0	1034	-169	1	0.00	11	0.00	0.00	0.00	0.00
0	114	103	1	0.00	11	0.00	0.00	0.00	0.00
0	1115	1104	1	0.00	11	0.00	0.00	0.00	0.00
0	2105	2102	1	0.00	11	0.00	0.00	0.00	0.00
0	-73	60	1	0.00	11	0.00	0.00	0.00	0.00
0	1060	1059	1	0.00	11	0.00	0.00	0.00	0.00
0	1059	-200	1	0.00	11	0.00	0.00	0.00	0.00
0	-287	-286	1	0.00	11	0.00	0.00	0.00	0.00
0	2052	-283	1	0.00	11	0.00	0.00	0.00	0.00
0	34	-47	1	0.00	11	0.00	0.00	0.00	0.00
0	2024	2035	1	0.00	11	0.00	0.00	0.00	0.00
0	2061	2060	1	0.00	11	0.00	0.00	0.00	0.00
0	14	15	1	0.00	11	0.00	0.00	0.00	0.00
0	1014	1015	1	0.00	11	0.00	0.00	0.00	0.00
0	-100	103	1	0.00	11	0.00	0.00	0.00	0.00
0	-221	1104	1	0.00	11	0.00	0.00	0.00	0.00
0	2116	2105	1	0.00	11	0.00	0.00	0.00	0.00
0	2014	2015	1	0.00	11	0.00	0.00	0.00	0.00
0	-47	39	1	0.00	11	0.00	0.00	0.00	0.00
0	-169	1039	1	0.00	11	0.00	0.00	0.00	0.00
0	2035	-268	1	0.00	11	0.00	0.00	0.00	0.00
0	-268	2040	1	0.00	11	0.00	0.00	0.00	0.00
0	116	114	1	0.00	11	0.00	0.00	0.00	0.00
0	1117	1115	1	0.00	11	0.00	0.00	0.00	0.00
0	15	-15	1	0.00	11	0.00	0.00	0.00	0.00
0	15	-25	1	0.00	11	0.00	0.00	0.00	0.00
0	1015	-137	1	0.00	11	0.00	0.00	0.00	0.00
0	-78	80	1	0.00	11	0.00	0.00	0.00	0.00
0	39	-54	1	0.00	11	0.00	0.00	0.00	0.00
0	1039	-176	1	0.00	11	0.00	0.00	0.00	0.00
0	-222	-221	1	0.00	11	0.00	0.00	0.00	0.00
0	-302	2105	1	0.00	11	0.00	0.00	0.00	0.00
0	-15	-16	1	0.00	11	0.00	0.00	0.00	0.00
0	1015	-147	1	0.00	11	0.00	0.00	0.00	0.00
0	-200	1081	1	0.00	11	0.00	0.00	0.00	0.00
0	-74	-73	1	0.00	11	0.00	0.00	0.00	0.00
0	-195	1060	1	0.00	11	0.00	0.00	0.00	0.00
0	2060	2082	1	0.00	11	0.00	0.00	0.00	0.00
0	-101	-100	1	0.00	11	0.00	0.00	0.00	0.00
0	-113	116	1	0.00	11	0.00	0.00	0.00	0.00
0	-25	-27	1	0.00	11	0.00	0.00	0.00	0.00
0	-137	-138	1	0.00	11	0.00	0.00	0.00	0.00
0	2015	-244	1	0.00	11	0.00	0.00	0.00	0.00
0	-234	1117	1	0.00	11	0.00	0.00	0.00	0.00
0	80	-92	1	0.00	11	0.00	0.00	0.00	0.00
0	1081	-213	1	0.00	11	0.00	0.00	0.00	0.00
0	-54	-63	1	0.00	11	0.00	0.00	0.00	0.00
0	2062	2061	1	0.00	11	0.00	0.00	0.00	0.00
0	-102	-101	1	0.00	11	0.00	0.00	0.00	0.00
0	2082	-296	1	0.00	11	0.00	0.00	0.00	0.00
0	-16	16	1	0.00	11	0.00	0.00	0.00	0.00
0	-138	1016	1	0.00	11	0.00	0.00	0.00	0.00
0	2015	2029	1	0.00	11	0.00	0.00	0.00	0.00
0	-116	-113	1	0.00	11	0.00	0.00	0.00	0.00
0	-197	-196	1	0.00	11	0.00	0.00	0.00	0.00
0	-92	-96	1	0.00	11	0.00	0.00	0.00	0.00
0	-303	-302	1	0.00	11	0.00	0.00	0.00	0.00
0	-147	-149	1	0.00	11	0.00	0.00	0.00	0.00
0	-63	52	1	0.00	11	0.00	0.00	0.00	0.00
0	-176	-185	1	0.00	11	0.00	0.00	0.00	0.00
0	-223	-222	1	0.00	11	0.00	0.00	0.00	0.00



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	-237	-234	1	0.00	11	0.00	0.00	0.00	0.00
0	-75	-74	1	0.00	11	0.00	0.00	0.00	0.00
0	-196	-195	1	0.00	11	0.00	0.00	0.00	0.00
0	-96	-99	1	0.00	11	0.00	0.00	0.00	0.00
0	-304	-303	1	0.00	11	0.00	0.00	0.00	0.00
0	-27	28	1	0.00	11	0.00	0.00	0.00	0.00
0	-185	1052	1	0.00	11	0.00	0.00	0.00	0.00
0	2106	-304	1	0.00	11	0.00	0.00	0.00	0.00
0	61	-75	1	0.00	11	0.00	0.00	0.00	0.00
0	28	-41	1	0.00	11	0.00	0.00	0.00	0.00
0	-149	1028	1	0.00	11	0.00	0.00	0.00	0.00
0	-245	2016	1	0.00	11	0.00	0.00	0.00	0.00
0	104	-102	1	0.00	11	0.00	0.00	0.00	0.00
0	2118	2116	1	0.00	11	0.00	0.00	0.00	0.00
0	-311	2118	1	0.00	11	0.00	0.00	0.00	0.00
0	1028	-163	1	0.00	11	0.00	0.00	0.00	0.00
0	52	-69	1	0.00	11	0.00	0.00	0.00	0.00
0	1061	-197	1	0.00	11	0.00	0.00	0.00	0.00
0	-198	1063	1	0.00	11	0.00	0.00	0.00	0.00
0	2040	2053	1	0.00	11	0.00	0.00	0.00	0.00
0	-313	-311	1	0.00	11	0.00	0.00	0.00	0.00
0	-17	-18	1	0.00	11	0.00	0.00	0.00	0.00
0	-244	-245	1	0.00	11	0.00	0.00	0.00	0.00
0	-213	-217	1	0.00	11	0.00	0.00	0.00	0.00
0	105	104	1	0.00	11	0.00	0.00	0.00	0.00
0	1105	-223	1	0.00	11	0.00	0.00	0.00	0.00
0	16	-17	1	0.00	11	0.00	0.00	0.00	0.00
0	-217	-220	1	0.00	11	0.00	0.00	0.00	0.00
0	1106	1105	1	0.00	11	0.00	0.00	0.00	0.00
0	-296	-299	1	0.00	11	0.00	0.00	0.00	0.00
0	1016	-139	1	0.00	11	0.00	0.00	0.00	0.00
0	-119	-116	1	0.00	11	0.00	0.00	0.00	0.00
0	117	-119	1	0.00	11	0.00	0.00	0.00	0.00
0	-240	-237	1	0.00	11	0.00	0.00	0.00	0.00
0	2119	-315	1	0.00	11	0.00	0.00	0.00	0.00
0	-69	62	1	0.00	11	0.00	0.00	0.00	0.00
0	-41	35	1	0.00	11	0.00	0.00	0.00	0.00
0	-163	1035	1	0.00	11	0.00	0.00	0.00	0.00
0	63	62	1	0.00	11	0.00	0.00	0.00	0.00
0	-76	63	1	0.00	11	0.00	0.00	0.00	0.00
0	1052	-191	1	0.00	11	0.00	0.00	0.00	0.00
0	1062	1061	1	0.00	11	0.00	0.00	0.00	0.00
0	-191	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	1063	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	2053	-284	1	0.00	11	0.00	0.00	0.00	0.00
0	2063	2062	1	0.00	11	0.00	0.00	0.00	0.00
0	1	-1	1	0.00	11	0.00	0.00	0.00	0.00
0	-139	-140	1	0.00	11	0.00	0.00	0.00	0.00
0	-284	2063	1	0.00	11	0.00	0.00	0.00	0.00
0	2064	2063	1	0.00	11	0.00	0.00	0.00	0.00
0	-1	2	1	0.00	11	0.00	0.00	0.00	0.00
0	1001	-123	1	0.00	11	0.00	0.00	0.00	0.00
0	-99	106	1	0.00	11	0.00	0.00	0.00	0.00
0	17	1	1	0.00	11	0.00	0.00	0.00	0.00
0	1017	1001	1	0.00	11	0.00	0.00	0.00	0.00
0	-140	1017	1	0.00	11	0.00	0.00	0.00	0.00
0	2017	2001	1	0.00	11	0.00	0.00	0.00	0.00
0	106	105	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	1106	1	0.00	11	0.00	0.00	0.00	0.00
0	118	117	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	1116	1	0.00	11	0.00	0.00	0.00	0.00
0	-224	1108	1	0.00	11	0.00	0.00	0.00	0.00
0	-120	118	1	0.00	11	0.00	0.00	0.00	0.00
0	1118	-240	1	0.00	11	0.00	0.00	0.00	0.00
0	-18	17	1	0.00	11	0.00	0.00	0.00	0.00
0	1119	1118	1	0.00	11	0.00	0.00	0.00	0.00
0	-315	-313	1	0.00	11	0.00	0.00	0.00	0.00
0	-123	1002	1	0.00	11	0.00	0.00	0.00	0.00
0	106	115	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	106	-103	1	0.00	11	0.00	0.00	0.00	0.00
0	2107	2106	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2117	1	0.00	11	0.00	0.00	0.00	0.00
0	35	-51	1	0.00	11	0.00	0.00	0.00	0.00
0	-22	17	1	0.00	11	0.00	0.00	0.00	0.00
0	-103	107	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	-224	1	0.00	11	0.00	0.00	0.00	0.00
0	-299	-301	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2109	1	0.00	11	0.00	0.00	0.00	0.00
0	1002	1003	1	0.00	11	0.00	0.00	0.00	0.00
0	-51	-56	1	0.00	11	0.00	0.00	0.00	0.00
0	1035	-173	1	0.00	11	0.00	0.00	0.00	0.00
0	115	-110	1	0.00	11	0.00	0.00	0.00	0.00
0	1108	1109	1	0.00	11	0.00	0.00	0.00	0.00
0	-301	2108	1	0.00	11	0.00	0.00	0.00	0.00
0	-26	-22	1	0.00	11	0.00	0.00	0.00	0.00
0	-144	1017	1	0.00	11	0.00	0.00	0.00	0.00
0	1027	-148	1	0.00	11	0.00	0.00	0.00	0.00
0	-248	2017	1	0.00	11	0.00	0.00	0.00	0.00
0	2002	2003	1	0.00	11	0.00	0.00	0.00	0.00
0	-272	-274	1	0.00	11	0.00	0.00	0.00	0.00
0	2121	2120	1	0.00	11	0.00	0.00	0.00	0.00
0	27	-26	1	0.00	11	0.00	0.00	0.00	0.00
0	-148	-144	1	0.00	11	0.00	0.00	0.00	0.00
0	3	4	1	0.00	11	0.00	0.00	0.00	0.00
0	2016	2017	1	0.00	11	0.00	0.00	0.00	0.00
0	-220	1107	1	0.00	11	0.00	0.00	0.00	0.00
0	2001	2002	1	0.00	11	0.00	0.00	0.00	0.00
0	2120	2119	1	0.00	11	0.00	0.00	0.00	0.00
0	-56	-64	1	0.00	11	0.00	0.00	0.00	0.00
0	2036	-272	1	0.00	11	0.00	0.00	0.00	0.00
0	2	3	1	0.00	11	0.00	0.00	0.00	0.00
0	-110	-112	1	0.00	11	0.00	0.00	0.00	0.00
0	1116	-231	1	0.00	11	0.00	0.00	0.00	0.00
0	-231	-233	1	0.00	11	0.00	0.00	0.00	0.00
0	-233	-236	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2107	1	0.00	11	0.00	0.00	0.00	0.00
0	-241	1119	1	0.00	11	0.00	0.00	0.00	0.00
0	-112	-115	1	0.00	11	0.00	0.00	0.00	0.00
0	2109	2110	1	0.00	11	0.00	0.00	0.00	0.00
0	-199	-198	1	0.00	11	0.00	0.00	0.00	0.00
0	4	5	1	0.00	11	0.00	0.00	0.00	0.00
0	1004	1005	1	0.00	11	0.00	0.00	0.00	0.00
0	2004	2005	1	0.00	11	0.00	0.00	0.00	0.00
0	1029	1027	1	0.00	11	0.00	0.00	0.00	0.00
0	3004	3001	1	0.00	11	0.00	0.00	0.00	0.00
0	3005	3006	1	0.00	11	0.00	0.00	0.00	0.00
0	-173	-178	1	0.00	11	0.00	0.00	0.00	0.00
0	1120	-241	1	0.00	11	0.00	0.00	0.00	0.00
0	29	27	1	0.00	11	0.00	0.00	0.00	0.00
0	64	-77	1	0.00	11	0.00	0.00	0.00	0.00
0	-64	-67	1	0.00	11	0.00	0.00	0.00	0.00
0	2029	2036	1	0.00	11	0.00	0.00	0.00	0.00
0	62	61	1	0.00	11	0.00	0.00	0.00	0.00
0	107	108	1	0.00	11	0.00	0.00	0.00	0.00
0	1003	1004	1	0.00	11	0.00	0.00	0.00	0.00
0	-77	-76	1	0.00	11	0.00	0.00	0.00	0.00
0	119	-120	1	0.00	11	0.00	0.00	0.00	0.00
0	-178	-186	1	0.00	11	0.00	0.00	0.00	0.00
0	-274	-279	1	0.00	11	0.00	0.00	0.00	0.00
0	120	119	1	0.00	11	0.00	0.00	0.00	0.00
0	109	110	1	0.00	11	0.00	0.00	0.00	0.00
0	1110	1111	1	0.00	11	0.00	0.00	0.00	0.00
0	2111	2112	1	0.00	11	0.00	0.00	0.00	0.00
0	29	30	1	0.00	11	0.00	0.00	0.00	0.00
0	1005	1006	1	0.00	11	0.00	0.00	0.00	0.00
0	-67	65	1	0.00	11	0.00	0.00	0.00	0.00
0	-48	-43	1	0.00	11	0.00	0.00	0.00	0.00
0	6	7	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	3003	3004	1	0.00	11	0.00	0.00	0.00	0.00
0	2003	2004	1	0.00	11	0.00	0.00	0.00	0.00
0	1109	1110	1	0.00	11	0.00	0.00	0.00	0.00
0	1029	1030	1	0.00	11	0.00	0.00	0.00	0.00
0	3004	3005	1	0.00	11	0.00	0.00	0.00	0.00
0	-236	-239	1	0.00	11	0.00	0.00	0.00	0.00
0	-43	29	1	0.00	11	0.00	0.00	0.00	0.00
0	5	6	1	0.00	11	0.00	0.00	0.00	0.00
0	1111	1112	1	0.00	11	0.00	0.00	0.00	0.00
0	31	-32	1	0.00	11	0.00	0.00	0.00	0.00
0	-52	-48	1	0.00	11	0.00	0.00	0.00	0.00
0	3006	3007	1	0.00	11	0.00	0.00	0.00	0.00
0	2028	-251	1	0.00	11	0.00	0.00	0.00	0.00
0	2123	2122	1	0.00	11	0.00	0.00	0.00	0.00
0	-32	-33	1	0.00	11	0.00	0.00	0.00	0.00
0	-251	-248	1	0.00	11	0.00	0.00	0.00	0.00
0	3012	3004	1	0.00	11	0.00	0.00	0.00	0.00
0	3018	-320	1	0.00	11	0.00	0.00	0.00	0.00
0	108	109	1	0.00	11	0.00	0.00	0.00	0.00
0	-115	-118	1	0.00	11	0.00	0.00	0.00	0.00
0	2110	2111	1	0.00	11	0.00	0.00	0.00	0.00
0	1121	1120	1	0.00	11	0.00	0.00	0.00	0.00
0	1064	-199	1	0.00	11	0.00	0.00	0.00	0.00
0	1065	1064	1	0.00	11	0.00	0.00	0.00	0.00
0	2066	2065	1	0.00	11	0.00	0.00	0.00	0.00
0	30	-31	1	0.00	11	0.00	0.00	0.00	0.00
0	-165	1029	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	2028	1	0.00	11	0.00	0.00	0.00	0.00
0	-263	2030	1	0.00	11	0.00	0.00	0.00	0.00
0	-118	122	1	0.00	11	0.00	0.00	0.00	0.00
0	1122	1121	1	0.00	11	0.00	0.00	0.00	0.00
0	-31	31	1	0.00	11	0.00	0.00	0.00	0.00
0	1030	-153	1	0.00	11	0.00	0.00	0.00	0.00
0	-320	-319	1	0.00	11	0.00	0.00	0.00	0.00
0	3019	3018	1	0.00	11	0.00	0.00	0.00	0.00
0	3008	3009	1	0.00	11	0.00	0.00	0.00	0.00
0	121	120	1	0.00	11	0.00	0.00	0.00	0.00
0	65	64	1	0.00	11	0.00	0.00	0.00	0.00
0	-186	-189	1	0.00	11	0.00	0.00	0.00	0.00
0	65	-82	1	0.00	11	0.00	0.00	0.00	0.00
0	2065	2064	1	0.00	11	0.00	0.00	0.00	0.00
0	110	111	1	0.00	11	0.00	0.00	0.00	0.00
0	2112	2113	1	0.00	11	0.00	0.00	0.00	0.00
0	-189	1065	1	0.00	11	0.00	0.00	0.00	0.00
0	-170	-165	1	0.00	11	0.00	0.00	0.00	0.00
0	122	121	1	0.00	11	0.00	0.00	0.00	0.00
0	-153	1031	1	0.00	11	0.00	0.00	0.00	0.00
0	2066	2069	1	0.00	11	0.00	0.00	0.00	0.00
0	-154	-155	1	0.00	11	0.00	0.00	0.00	0.00
0	-319	3012	1	0.00	11	0.00	0.00	0.00	0.00
0	3026	3003	1	0.00	11	0.00	0.00	0.00	0.00
0	-239	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	1123	1122	1	0.00	11	0.00	0.00	0.00	0.00
0	-253	2032	1	0.00	11	0.00	0.00	0.00	0.00
0	-331	3019	1	0.00	11	0.00	0.00	0.00	0.00
0	1006	1007	1	0.00	11	0.00	0.00	0.00	0.00
0	-82	68	1	0.00	11	0.00	0.00	0.00	0.00
0	1065	1068	1	0.00	11	0.00	0.00	0.00	0.00
0	111	-104	1	0.00	11	0.00	0.00	0.00	0.00
0	1068	1069	1	0.00	11	0.00	0.00	0.00	0.00
0	-279	-282	1	0.00	11	0.00	0.00	0.00	0.00
0	2124	2123	1	0.00	11	0.00	0.00	0.00	0.00
0	1112	-225	1	0.00	11	0.00	0.00	0.00	0.00
0	1031	-154	1	0.00	11	0.00	0.00	0.00	0.00
0	1124	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	2122	2121	1	0.00	11	0.00	0.00	0.00	0.00
0	43	-52	1	0.00	11	0.00	0.00	0.00	0.00
0	-174	-170	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	2031	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	7	-2	1	0.00	11	0.00	0.00	0.00	0.00
0	-334	-331	1	0.00	11	0.00	0.00	0.00	0.00
0	2125	2124	1	0.00	11	0.00	0.00	0.00	0.00
0	-2	8	1	0.00	11	0.00	0.00	0.00	0.00
0	1007	-124	1	0.00	11	0.00	0.00	0.00	0.00
0	2005	2006	1	0.00	11	0.00	0.00	0.00	0.00
0	3007	3008	1	0.00	11	0.00	0.00	0.00	0.00
0	2031	-253	1	0.00	11	0.00	0.00	0.00	0.00
0	-104	-105	1	0.00	11	0.00	0.00	0.00	0.00
0	68	83	1	0.00	11	0.00	0.00	0.00	0.00
0	-33	-34	1	0.00	11	0.00	0.00	0.00	0.00
0	-344	1043	1	0.00	11	0.00	0.00	0.00	0.00
0	-269	-263	1	0.00	11	0.00	0.00	0.00	0.00
0	3009	3010	1	0.00	11	0.00	0.00	0.00	0.00
0	2032	-254	1	0.00	11	0.00	0.00	0.00	0.00
0	-254	-255	1	0.00	11	0.00	0.00	0.00	0.00
0	-225	-226	1	0.00	11	0.00	0.00	0.00	0.00
0	-226	-227	1	0.00	11	0.00	0.00	0.00	0.00
0	-305	-306	1	0.00	11	0.00	0.00	0.00	0.00
0	-34	-35	1	0.00	11	0.00	0.00	0.00	0.00
0	2006	2007	1	0.00	11	0.00	0.00	0.00	0.00
0	2113	-305	1	0.00	11	0.00	0.00	0.00	0.00
0	123	122	1	0.00	11	0.00	0.00	0.00	0.00
0	-124	1008	1	0.00	11	0.00	0.00	0.00	0.00
0	69	-351	1	0.00	11	0.00	0.00	0.00	0.00
0	124	123	1	0.00	11	0.00	0.00	0.00	0.00
0	1125	1124	1	0.00	11	0.00	0.00	0.00	0.00
0	1069	1084	1	0.00	11	0.00	0.00	0.00	0.00
0	-155	-156	1	0.00	11	0.00	0.00	0.00	0.00
0	1043	-174	1	0.00	11	0.00	0.00	0.00	0.00
0	-83	69	1	0.00	11	0.00	0.00	0.00	0.00
0	-204	1070	1	0.00	11	0.00	0.00	0.00	0.00
0	2069	2070	1	0.00	11	0.00	0.00	0.00	0.00
0	8	-19	1	0.00	11	0.00	0.00	0.00	0.00
0	1008	-141	1	0.00	11	0.00	0.00	0.00	0.00
0	1126	1125	1	0.00	11	0.00	0.00	0.00	0.00
0	2127	2126	1	0.00	11	0.00	0.00	0.00	0.00
0	-57	43	1	0.00	11	0.00	0.00	0.00	0.00
0	-19	19	1	0.00	11	0.00	0.00	0.00	0.00
0	-214	-219	1	0.00	11	0.00	0.00	0.00	0.00
0	-106	-107	1	0.00	11	0.00	0.00	0.00	0.00
0	1019	1020	1	0.00	11	0.00	0.00	0.00	0.00
0	-36	32	1	0.00	11	0.00	0.00	0.00	0.00
0	32	-37	1	0.00	11	0.00	0.00	0.00	0.00
0	3001	3002	1	0.00	11	0.00	0.00	0.00	0.00
0	3019	3020	1	0.00	11	0.00	0.00	0.00	0.00
0	3020	-322	1	0.00	11	0.00	0.00	0.00	0.00
0	2007	2008	1	0.00	11	0.00	0.00	0.00	0.00
0	2008	-246	1	0.00	11	0.00	0.00	0.00	0.00
0	83	-93	1	0.00	11	0.00	0.00	0.00	0.00
0	-349	1069	1	0.00	11	0.00	0.00	0.00	0.00
0	-255	-256	1	0.00	11	0.00	0.00	0.00	0.00
0	70	-83	1	0.00	11	0.00	0.00	0.00	0.00
0	1071	-204	1	0.00	11	0.00	0.00	0.00	0.00
0	-256	-257	1	0.00	11	0.00	0.00	0.00	0.00
0	-307	-308	1	0.00	11	0.00	0.00	0.00	0.00
0	19	20	1	0.00	11	0.00	0.00	0.00	0.00
0	3011	-318	1	0.00	11	0.00	0.00	0.00	0.00
0	71	70	1	0.00	11	0.00	0.00	0.00	0.00
0	54	-66	1	0.00	11	0.00	0.00	0.00	0.00
0	-58	-57	1	0.00	11	0.00	0.00	0.00	0.00
0	-35	-36	1	0.00	11	0.00	0.00	0.00	0.00
0	-246	2020	1	0.00	11	0.00	0.00	0.00	0.00
0	1054	-188	1	0.00	11	0.00	0.00	0.00	0.00
0	-273	-269	1	0.00	11	0.00	0.00	0.00	0.00
0	1070	-349	1	0.00	11	0.00	0.00	0.00	0.00
0	2020	2021	1	0.00	11	0.00	0.00	0.00	0.00
0	3010	3011	1	0.00	11	0.00	0.00	0.00	0.00
0	-98	101	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2071	-350	1	0.00	11	0.00	0.00	0.00	0.00
0	-66	-346	1	0.00	11	0.00	0.00	0.00	0.00
0	-227	-228	1	0.00	11	0.00	0.00	0.00	0.00
0	70	-90	1	0.00	11	0.00	0.00	0.00	0.00
0	1073	1072	1	0.00	11	0.00	0.00	0.00	0.00
0	-282	2066	1	0.00	11	0.00	0.00	0.00	0.00
0	-350	2070	1	0.00	11	0.00	0.00	0.00	0.00
0	2126	2125	1	0.00	11	0.00	0.00	0.00	0.00
0	2072	2071	1	0.00	11	0.00	0.00	0.00	0.00
0	-306	-307	1	0.00	11	0.00	0.00	0.00	0.00
0	-188	-344	1	0.00	11	0.00	0.00	0.00	0.00
0	-179	1043	1	0.00	11	0.00	0.00	0.00	0.00
0	-156	-157	1	0.00	11	0.00	0.00	0.00	0.00
0	126	125	1	0.00	11	0.00	0.00	0.00	0.00
0	1067	1054	1	0.00	11	0.00	0.00	0.00	0.00
0	-345	2044	1	0.00	11	0.00	0.00	0.00	0.00
0	125	124	1	0.00	11	0.00	0.00	0.00	0.00
0	-141	1019	1	0.00	11	0.00	0.00	0.00	0.00
0	-93	-98	1	0.00	11	0.00	0.00	0.00	0.00
0	-157	-158	1	0.00	11	0.00	0.00	0.00	0.00
0	3021	-323	1	0.00	11	0.00	0.00	0.00	0.00
0	67	54	1	0.00	11	0.00	0.00	0.00	0.00
0	1045	1044	1	0.00	11	0.00	0.00	0.00	0.00
0	-275	2044	1	0.00	11	0.00	0.00	0.00	0.00
0	-318	3013	1	0.00	11	0.00	0.00	0.00	0.00
0	1072	1071	1	0.00	11	0.00	0.00	0.00	0.00
0	2073	2072	1	0.00	11	0.00	0.00	0.00	0.00
0	2055	-281	1	0.00	11	0.00	0.00	0.00	0.00
0	-276	-275	1	0.00	11	0.00	0.00	0.00	0.00
0	-336	-334	1	0.00	11	0.00	0.00	0.00	0.00
0	2128	2127	1	0.00	11	0.00	0.00	0.00	0.00
0	1071	-211	1	0.00	11	0.00	0.00	0.00	0.00
0	20	21	1	0.00	11	0.00	0.00	0.00	0.00
0	-257	-258	1	0.00	11	0.00	0.00	0.00	0.00
0	72	71	1	0.00	11	0.00	0.00	0.00	0.00
0	-219	1102	1	0.00	11	0.00	0.00	0.00	0.00
0	-90	-94	1	0.00	11	0.00	0.00	0.00	0.00
0	2085	2103	1	0.00	11	0.00	0.00	0.00	0.00
0	2021	2022	1	0.00	11	0.00	0.00	0.00	0.00
0	-84	72	1	0.00	11	0.00	0.00	0.00	0.00
0	-205	1073	1	0.00	11	0.00	0.00	0.00	0.00
0	3027	-336	1	0.00	11	0.00	0.00	0.00	0.00
0	2074	2073	1	0.00	11	0.00	0.00	0.00	0.00
0	2129	2128	1	0.00	11	0.00	0.00	0.00	0.00
0	-211	-215	1	0.00	11	0.00	0.00	0.00	0.00
0	44	-58	1	0.00	11	0.00	0.00	0.00	0.00
0	-180	-179	1	0.00	11	0.00	0.00	0.00	0.00
0	-308	2114	1	0.00	11	0.00	0.00	0.00	0.00
0	-81	67	1	0.00	11	0.00	0.00	0.00	0.00
0	-215	1088	1	0.00	11	0.00	0.00	0.00	0.00
0	2070	2085	1	0.00	11	0.00	0.00	0.00	0.00
0	2072	-294	1	0.00	11	0.00	0.00	0.00	0.00
0	-294	-297	1	0.00	11	0.00	0.00	0.00	0.00
0	1044	-180	1	0.00	11	0.00	0.00	0.00	0.00
0	1102	1113	1	0.00	11	0.00	0.00	0.00	0.00
0	2103	2114	1	0.00	11	0.00	0.00	0.00	0.00
0	-158	1032	1	0.00	11	0.00	0.00	0.00	0.00
0	21	22	1	0.00	11	0.00	0.00	0.00	0.00
0	45	44	1	0.00	11	0.00	0.00	0.00	0.00
0	-59	45	1	0.00	11	0.00	0.00	0.00	0.00
0	2044	-273	1	0.00	11	0.00	0.00	0.00	0.00
0	1084	-214	1	0.00	11	0.00	0.00	0.00	0.00
0	-325	-326	1	0.00	11	0.00	0.00	0.00	0.00
0	2045	-276	1	0.00	11	0.00	0.00	0.00	0.00
0	73	-84	1	0.00	11	0.00	0.00	0.00	0.00
0	73	-81	1	0.00	11	0.00	0.00	0.00	0.00
0	1088	1103	1	0.00	11	0.00	0.00	0.00	0.00
0	1089	1088	1	0.00	11	0.00	0.00	0.00	0.00
0	-37	-38	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	1032	-159	1	0.00	11	0.00	0.00	0.00	0.00
0	-324	-325	1	0.00	11	0.00	0.00	0.00	0.00
0	-281	-345	1	0.00	11	0.00	0.00	0.00	0.00
0	2068	2055	1	0.00	11	0.00	0.00	0.00	0.00
0	2033	2020	1	0.00	11	0.00	0.00	0.00	0.00
0	-181	1045	1	0.00	11	0.00	0.00	0.00	0.00
0	-322	3021	1	0.00	11	0.00	0.00	0.00	0.00
0	3027	3026	1	0.00	11	0.00	0.00	0.00	0.00
0	-121	127	1	0.00	11	0.00	0.00	0.00	0.00
0	2132	2131	1	0.00	11	0.00	0.00	0.00	0.00
0	-38	-42	1	0.00	11	0.00	0.00	0.00	0.00
0	-323	-324	1	0.00	11	0.00	0.00	0.00	0.00
0	-203	1067	1	0.00	11	0.00	0.00	0.00	0.00
0	1074	-203	1	0.00	11	0.00	0.00	0.00	0.00
0	-337	3027	1	0.00	11	0.00	0.00	0.00	0.00
0	3035	3027	1	0.00	11	0.00	0.00	0.00	0.00
0	127	126	1	0.00	11	0.00	0.00	0.00	0.00
0	1127	1126	1	0.00	11	0.00	0.00	0.00	0.00
0	-338	-337	1	0.00	11	0.00	0.00	0.00	0.00
0	1128	1127	1	0.00	11	0.00	0.00	0.00	0.00
0	-107	112	1	0.00	11	0.00	0.00	0.00	0.00
0	1129	-242	1	0.00	11	0.00	0.00	0.00	0.00
0	-28	-38	1	0.00	11	0.00	0.00	0.00	0.00
0	1020	1021	1	0.00	11	0.00	0.00	0.00	0.00
0	3002	3011	1	0.00	11	0.00	0.00	0.00	0.00
0	-105	-106	1	0.00	11	0.00	0.00	0.00	0.00
0	101	112	1	0.00	11	0.00	0.00	0.00	0.00
0	-228	1113	1	0.00	11	0.00	0.00	0.00	0.00
0	-242	1128	1	0.00	11	0.00	0.00	0.00	0.00
0	2046	2045	1	0.00	11	0.00	0.00	0.00	0.00
0	1074	-205	1	0.00	11	0.00	0.00	0.00	0.00
0	-347	-108	1	0.00	11	0.00	0.00	0.00	0.00
0	-291	2074	1	0.00	11	0.00	0.00	0.00	0.00
0	-290	2068	1	0.00	11	0.00	0.00	0.00	0.00
0	2075	-291	1	0.00	11	0.00	0.00	0.00	0.00
0	-150	-160	1	0.00	11	0.00	0.00	0.00	0.00
0	2023	-252	1	0.00	11	0.00	0.00	0.00	0.00
0	87	102	1	0.00	11	0.00	0.00	0.00	0.00
0	-60	46	1	0.00	11	0.00	0.00	0.00	0.00
0	-46	37	1	0.00	11	0.00	0.00	0.00	0.00
0	-160	-164	1	0.00	11	0.00	0.00	0.00	0.00
0	2022	2023	1	0.00	11	0.00	0.00	0.00	0.00
0	112	-347	1	0.00	11	0.00	0.00	0.00	0.00
0	-348	-229	1	0.00	11	0.00	0.00	0.00	0.00
0	-297	2089	1	0.00	11	0.00	0.00	0.00	0.00
0	22	-28	1	0.00	11	0.00	0.00	0.00	0.00
0	1021	1022	1	0.00	11	0.00	0.00	0.00	0.00
0	-85	73	1	0.00	11	0.00	0.00	0.00	0.00
0	2090	2089	1	0.00	11	0.00	0.00	0.00	0.00
0	2047	2046	1	0.00	11	0.00	0.00	0.00	0.00
0	37	40	1	0.00	11	0.00	0.00	0.00	0.00
0	-164	-168	1	0.00	11	0.00	0.00	0.00	0.00
0	-258	2033	1	0.00	11	0.00	0.00	0.00	0.00
0	-94	87	1	0.00	11	0.00	0.00	0.00	0.00
0	-261	2033	1	0.00	11	0.00	0.00	0.00	0.00
0	-206	1074	1	0.00	11	0.00	0.00	0.00	0.00
0	-108	113	1	0.00	11	0.00	0.00	0.00	0.00
0	46	-59	1	0.00	11	0.00	0.00	0.00	0.00
0	-159	-160	1	0.00	11	0.00	0.00	0.00	0.00
0	3014	3015	1	0.00	11	0.00	0.00	0.00	0.00
0	-327	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	-316	2129	1	0.00	11	0.00	0.00	0.00	0.00
0	1113	-348	1	0.00	11	0.00	0.00	0.00	0.00
0	3016	3017	1	0.00	11	0.00	0.00	0.00	0.00
0	88	87	1	0.00	11	0.00	0.00	0.00	0.00
0	-91	73	1	0.00	11	0.00	0.00	0.00	0.00
0	-266	-261	1	0.00	11	0.00	0.00	0.00	0.00
0	-252	-259	1	0.00	11	0.00	0.00	0.00	0.00
0	-207	-206	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2075	-290	1	0.00	11	0.00	0.00	0.00	0.00
0	1022	-150	1	0.00	11	0.00	0.00	0.00	0.00
0	113	-109	1	0.00	11	0.00	0.00	0.00	0.00
0	-229	1114	1	0.00	11	0.00	0.00	0.00	0.00
0	1046	-181	1	0.00	11	0.00	0.00	0.00	0.00
0	102	-352	1	0.00	11	0.00	0.00	0.00	0.00
0	-172	1036	1	0.00	11	0.00	0.00	0.00	0.00
0	-61	-60	1	0.00	11	0.00	0.00	0.00	0.00
0	3013	3014	1	0.00	11	0.00	0.00	0.00	0.00
0	3016	-321	1	0.00	11	0.00	0.00	0.00	0.00
0	129	128	1	0.00	11	0.00	0.00	0.00	0.00
0	1103	-353	1	0.00	11	0.00	0.00	0.00	0.00
0	130	129	1	0.00	11	0.00	0.00	0.00	0.00
0	1130	1129	1	0.00	11	0.00	0.00	0.00	0.00
0	2131	2130	1	0.00	11	0.00	0.00	0.00	0.00
0	37	-50	1	0.00	11	0.00	0.00	0.00	0.00
0	-277	2047	1	0.00	11	0.00	0.00	0.00	0.00
0	-168	1037	1	0.00	11	0.00	0.00	0.00	0.00
0	-259	-262	1	0.00	11	0.00	0.00	0.00	0.00
0	3013	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	3015	3016	1	0.00	11	0.00	0.00	0.00	0.00
0	128	-121	1	0.00	11	0.00	0.00	0.00	0.00
0	-86	-85	1	0.00	11	0.00	0.00	0.00	0.00
0	3029	3028	1	0.00	11	0.00	0.00	0.00	0.00
0	3030	3029	1	0.00	11	0.00	0.00	0.00	0.00
0	-353	1114	1	0.00	11	0.00	0.00	0.00	0.00
0	1090	1089	1	0.00	11	0.00	0.00	0.00	0.00
0	-109	-111	1	0.00	11	0.00	0.00	0.00	0.00
0	2114	2115	1	0.00	11	0.00	0.00	0.00	0.00
0	-298	-295	1	0.00	11	0.00	0.00	0.00	0.00
0	1114	-230	1	0.00	11	0.00	0.00	0.00	0.00
0	-182	1046	1	0.00	11	0.00	0.00	0.00	0.00
0	3036	3035	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	1090	1	0.00	11	0.00	0.00	0.00	0.00
0	2089	2104	1	0.00	11	0.00	0.00	0.00	0.00
0	131	130	1	0.00	11	0.00	0.00	0.00	0.00
0	-42	-46	1	0.00	11	0.00	0.00	0.00	0.00
0	-326	-327	1	0.00	11	0.00	0.00	0.00	0.00
0	-212	1074	1	0.00	11	0.00	0.00	0.00	0.00
0	2037	-266	1	0.00	11	0.00	0.00	0.00	0.00
0	-111	-114	1	0.00	11	0.00	0.00	0.00	0.00
0	2115	-309	1	0.00	11	0.00	0.00	0.00	0.00
0	1078	1077	1	0.00	11	0.00	0.00	0.00	0.00
0	2076	2075	1	0.00	11	0.00	0.00	0.00	0.00
0	1131	1130	1	0.00	11	0.00	0.00	0.00	0.00
0	-50	36	1	0.00	11	0.00	0.00	0.00	0.00
0	1092	1091	1	0.00	11	0.00	0.00	0.00	0.00
0	-343	-65	1	0.00	11	0.00	0.00	0.00	0.00
0	-267	2038	1	0.00	11	0.00	0.00	0.00	0.00
0	-329	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	-332	-329	1	0.00	11	0.00	0.00	0.00	0.00
0	-321	-328	1	0.00	11	0.00	0.00	0.00	0.00
0	89	88	1	0.00	11	0.00	0.00	0.00	0.00
0	-95	-91	1	0.00	11	0.00	0.00	0.00	0.00
0	2134	2133	1	0.00	11	0.00	0.00	0.00	0.00
0	47	-61	1	0.00	11	0.00	0.00	0.00	0.00
0	3028	-338	1	0.00	11	0.00	0.00	0.00	0.00
0	-354	2115	1	0.00	11	0.00	0.00	0.00	0.00
0	92	91	1	0.00	11	0.00	0.00	0.00	0.00
0	-295	2075	1	0.00	11	0.00	0.00	0.00	0.00
0	2104	-354	1	0.00	11	0.00	0.00	0.00	0.00
0	-216	-212	1	0.00	11	0.00	0.00	0.00	0.00
0	-271	2037	1	0.00	11	0.00	0.00	0.00	0.00
0	-328	-330	1	0.00	11	0.00	0.00	0.00	0.00
0	90	-95	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	-216	1	0.00	11	0.00	0.00	0.00	0.00
0	2092	2091	1	0.00	11	0.00	0.00	0.00	0.00
0	2133	2132	1	0.00	11	0.00	0.00	0.00	0.00
0	-278	-277	1	0.00	11	0.00	0.00	0.00	0.00





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	3023	-332	1	0.00	11	0.00	0.00	0.00	0.00
0	1132	1131	1	0.00	11	0.00	0.00	0.00	0.00
0	74	-86	1	0.00	11	0.00	0.00	0.00	0.00
0	1075	-207	1	0.00	11	0.00	0.00	0.00	0.00
0	2092	-298	1	0.00	11	0.00	0.00	0.00	0.00
0	-230	-232	1	0.00	11	0.00	0.00	0.00	0.00
0	-309	-310	1	0.00	11	0.00	0.00	0.00	0.00
0	-262	-267	1	0.00	11	0.00	0.00	0.00	0.00
0	132	131	1	0.00	11	0.00	0.00	0.00	0.00
0	2130	-316	1	0.00	11	0.00	0.00	0.00	0.00
0	-183	-182	1	0.00	11	0.00	0.00	0.00	0.00
0	1133	1132	1	0.00	11	0.00	0.00	0.00	0.00
0	91	90	1	0.00	11	0.00	0.00	0.00	0.00
0	75	74	1	0.00	11	0.00	0.00	0.00	0.00
0	2093	2092	1	0.00	11	0.00	0.00	0.00	0.00
0	1076	1075	1	0.00	11	0.00	0.00	0.00	0.00
0	40	-55	1	0.00	11	0.00	0.00	0.00	0.00
0	1037	-172	1	0.00	11	0.00	0.00	0.00	0.00
0	-177	1049	1	0.00	11	0.00	0.00	0.00	0.00
0	-339	3030	1	0.00	11	0.00	0.00	0.00	0.00
0	-335	3023	1	0.00	11	0.00	0.00	0.00	0.00
0	90	89	1	0.00	11	0.00	0.00	0.00	0.00
0	2091	2090	1	0.00	11	0.00	0.00	0.00	0.00
0	-232	-235	1	0.00	11	0.00	0.00	0.00	0.00
0	1047	-183	1	0.00	11	0.00	0.00	0.00	0.00
0	133	132	1	0.00	11	0.00	0.00	0.00	0.00
0	1037	1040	1	0.00	11	0.00	0.00	0.00	0.00
0	2038	-271	1	0.00	11	0.00	0.00	0.00	0.00
0	76	75	1	0.00	11	0.00	0.00	0.00	0.00
0	1077	1076	1	0.00	11	0.00	0.00	0.00	0.00
0	-114	-117	1	0.00	11	0.00	0.00	0.00	0.00
0	-235	-238	1	0.00	11	0.00	0.00	0.00	0.00
0	-310	-312	1	0.00	11	0.00	0.00	0.00	0.00
0	2135	2134	1	0.00	11	0.00	0.00	0.00	0.00
0	1093	1092	1	0.00	11	0.00	0.00	0.00	0.00
0	1094	1093	1	0.00	11	0.00	0.00	0.00	0.00
0	49	48	1	0.00	11	0.00	0.00	0.00	0.00
0	1049	1048	1	0.00	11	0.00	0.00	0.00	0.00
0	2048	-278	1	0.00	11	0.00	0.00	0.00	0.00
0	77	76	1	0.00	11	0.00	0.00	0.00	0.00
0	-340	-339	1	0.00	11	0.00	0.00	0.00	0.00
0	-312	-314	1	0.00	11	0.00	0.00	0.00	0.00
0	-317	2135	1	0.00	11	0.00	0.00	0.00	0.00
0	-208	1078	1	0.00	11	0.00	0.00	0.00	0.00
0	2077	2076	1	0.00	11	0.00	0.00	0.00	0.00
0	1134	1133	1	0.00	11	0.00	0.00	0.00	0.00
0	48	47	1	0.00	11	0.00	0.00	0.00	0.00
0	-55	49	1	0.00	11	0.00	0.00	0.00	0.00
0	1040	-177	1	0.00	11	0.00	0.00	0.00	0.00
0	1048	1047	1	0.00	11	0.00	0.00	0.00	0.00
0	2041	2050	1	0.00	11	0.00	0.00	0.00	0.00
0	2050	2049	1	0.00	11	0.00	0.00	0.00	0.00
0	-333	3024	1	0.00	11	0.00	0.00	0.00	0.00
0	3017	3034	1	0.00	11	0.00	0.00	0.00	0.00
0	93	92	1	0.00	11	0.00	0.00	0.00	0.00
0	1095	1094	1	0.00	11	0.00	0.00	0.00	0.00
0	2094	2093	1	0.00	11	0.00	0.00	0.00	0.00
0	2095	2094	1	0.00	11	0.00	0.00	0.00	0.00
0	2096	2095	1	0.00	11	0.00	0.00	0.00	0.00
0	-238	1135	1	0.00	11	0.00	0.00	0.00	0.00
0	-314	2136	1	0.00	11	0.00	0.00	0.00	0.00
0	1049	-341	1	0.00	11	0.00	0.00	0.00	0.00
0	2049	2048	1	0.00	11	0.00	0.00	0.00	0.00
0	-87	77	1	0.00	11	0.00	0.00	0.00	0.00
0	-117	134	1	0.00	11	0.00	0.00	0.00	0.00
0	-243	1134	1	0.00	11	0.00	0.00	0.00	0.00
0	-341	-187	1	0.00	11	0.00	0.00	0.00	0.00
0	-65	53	1	0.00	11	0.00	0.00	0.00	0.00
0	2050	-342	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	1096	1095	1	0.00	11	0.00	0.00	0.00	0.00
0	78	-87	1	0.00	11	0.00	0.00	0.00	0.00
0	-187	1053	1	0.00	11	0.00	0.00	0.00	0.00
0	2038	2041	1	0.00	11	0.00	0.00	0.00	0.00
0	-330	-333	1	0.00	11	0.00	0.00	0.00	0.00
0	-209	1079	1	0.00	11	0.00	0.00	0.00	0.00
0	-202	1080	1	0.00	11	0.00	0.00	0.00	0.00
0	3024	3025	1	0.00	11	0.00	0.00	0.00	0.00
0	3032	3031	1	0.00	11	0.00	0.00	0.00	0.00
0	-122	133	1	0.00	11	0.00	0.00	0.00	0.00
0	-342	-280	1	0.00	11	0.00	0.00	0.00	0.00
0	3025	3033	1	0.00	11	0.00	0.00	0.00	0.00
0	3033	3032	1	0.00	11	0.00	0.00	0.00	0.00
0	94	93	1	0.00	11	0.00	0.00	0.00	0.00
0	134	-122	1	0.00	11	0.00	0.00	0.00	0.00
0	1135	-243	1	0.00	11	0.00	0.00	0.00	0.00
0	2136	-317	1	0.00	11	0.00	0.00	0.00	0.00
0	95	94	1	0.00	11	0.00	0.00	0.00	0.00
0	1079	-208	1	0.00	11	0.00	0.00	0.00	0.00
0	96	95	1	0.00	11	0.00	0.00	0.00	0.00
0	78	82	1	0.00	11	0.00	0.00	0.00	0.00
0	1079	1083	1	0.00	11	0.00	0.00	0.00	0.00
0	97	96	1	0.00	11	0.00	0.00	0.00	0.00
0	2078	2077	1	0.00	11	0.00	0.00	0.00	0.00
0	-88	78	1	0.00	11	0.00	0.00	0.00	0.00
0	3024	-335	1	0.00	11	0.00	0.00	0.00	0.00
0	2079	2078	1	0.00	11	0.00	0.00	0.00	0.00
0	2080	2079	1	0.00	11	0.00	0.00	0.00	0.00
0	1097	1096	1	0.00	11	0.00	0.00	0.00	0.00
0	1098	1097	1	0.00	11	0.00	0.00	0.00	0.00
0	2097	2096	1	0.00	11	0.00	0.00	0.00	0.00
0	82	85	1	0.00	11	0.00	0.00	0.00	0.00
0	1083	1086	1	0.00	11	0.00	0.00	0.00	0.00
0	2098	2097	1	0.00	11	0.00	0.00	0.00	0.00
0	2099	2098	1	0.00	11	0.00	0.00	0.00	0.00
0	53	66	1	0.00	11	0.00	0.00	0.00	0.00
0	1053	1066	1	0.00	11	0.00	0.00	0.00	0.00
0	-89	-88	1	0.00	11	0.00	0.00	0.00	0.00
0	-210	-209	1	0.00	11	0.00	0.00	0.00	0.00
0	85	-97	1	0.00	11	0.00	0.00	0.00	0.00
0	66	-80	1	0.00	11	0.00	0.00	0.00	0.00
0	79	-89	1	0.00	11	0.00	0.00	0.00	0.00
0	-280	2054	1	0.00	11	0.00	0.00	0.00	0.00
0	3031	-340	1	0.00	11	0.00	0.00	0.00	0.00
0	3034	3033	1	0.00	11	0.00	0.00	0.00	0.00
0	98	97	1	0.00	11	0.00	0.00	0.00	0.00
0	1099	1098	1	0.00	11	0.00	0.00	0.00	0.00
0	1086	-218	1	0.00	11	0.00	0.00	0.00	0.00
0	1080	-210	1	0.00	11	0.00	0.00	0.00	0.00
0	2054	2067	1	0.00	11	0.00	0.00	0.00	0.00
0	2067	-289	1	0.00	11	0.00	0.00	0.00	0.00
0	99	98	1	0.00	11	0.00	0.00	0.00	0.00
0	-97	99	1	0.00	11	0.00	0.00	0.00	0.00
0	3033	3036	1	0.00	11	0.00	0.00	0.00	0.00
0	2084	2087	1	0.00	11	0.00	0.00	0.00	0.00
0	2100	2099	1	0.00	11	0.00	0.00	0.00	0.00
0	1066	-202	1	0.00	11	0.00	0.00	0.00	0.00
0	-293	-292	1	0.00	11	0.00	0.00	0.00	0.00
0	1100	1099	1	0.00	11	0.00	0.00	0.00	0.00
0	-218	1100	1	0.00	11	0.00	0.00	0.00	0.00
0	-80	79	1	0.00	11	0.00	0.00	0.00	0.00
0	2080	2084	1	0.00	11	0.00	0.00	0.00	0.00
0	-292	2080	1	0.00	11	0.00	0.00	0.00	0.00
0	2087	-300	1	0.00	11	0.00	0.00	0.00	0.00
0	2101	2100	1	0.00	11	0.00	0.00	0.00	0.00
0	2081	-293	1	0.00	11	0.00	0.00	0.00	0.00
0	-300	2101	1	0.00	11	0.00	0.00	0.00	0.00
0	-289	2081	1	0.00	11	0.00	0.00	0.00	0.00



### Elenco tipi elementi bidimensionali

#### Simbologia

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

Tb	Comm.	Tipo	Uso	Spess. <cm>	Kt <daN/cm>	DP	Ang. att. <grad>	Coes. <daN/mq>	Ang. dil. <grad>	Crit.
1	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7
2	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7
3	Muratura in Laterizio Porizzato Sp.25	F	M	25.00		N	0.00	0.00	0.00	8
4	Pareti Cantinato	F	P	25.00		N	0.00	0.00	0.00	1

### Elenco elementi bidimensionali

#### Simbologia

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

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cm>	NN
192	4	11	0.00	0.00		-6 10 1010 -128
192	4	11	0.00	0.00		9 -3 -125 1009
192	4	11	0.00	0.00		-3 -4 -126 -125
193	4	11	0.00	0.00		-53 -62 -184 -175
193	4	11	0.00	0.00		26 -40 -162 1026
193	4	11	0.00	0.00		51 -68 -190 1051
193	4	11	0.00	0.00		10 11 1011 1010
193	4	11	0.00	0.00		24 26 1026 1024
193	4	11	0.00	0.00		-96 -99 -220 -217
193	4	11	0.00	0.00		115 -110 -231 1116
193	4	11	0.00	0.00		-112 -115 -236 -233
193	4	11	0.00	0.00		80 -92 -213 1081
193	4	11	0.00	0.00		-115 -118 -239 -236
193	4	11	0.00	0.00		-68 59 1059 -190
193	4	11	0.00	0.00		106 115 1116 1107
194	4	11	0.00	0.00		58 57 1057 1058
194	4	11	0.00	0.00		63 62 1062 1063
194	4	11	0.00	0.00		-74 -73 -195 -196
194	4	11	0.00	0.00		62 61 1061 1062
194	4	11	0.00	0.00		-71 -70 -192 -193
194	4	11	0.00	0.00		-75 -74 -196 -197
194	4	11	0.00	0.00		60 59 1059 1060
194	4	11	0.00	0.00		-70 58 1058 -192
195	4	11	0.00	0.00		25 -24 -146 1025
195	4	11	0.00	0.00		33 -30 -152 1033
195	4	11	0.00	0.00		-24 -20 -142 -146
195	4	11	0.00	0.00		-79 56 1056 -201
195	4	11	0.00	0.00		50 42 1042 1050

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cm>	NN
192	4	11	0.00	0.00		-5 -6 -128 -127
192	4	11	0.00	0.00		-4 -5 -127 -126
193	4	11	0.00	0.00		-40 -44 -166 -162
193	4	11	0.00	0.00		-62 51 1051 -184
193	4	11	0.00	0.00		38 -53 -175 1038
193	4	11	0.00	0.00		-118 122 1123 -239
193	4	11	0.00	0.00		11 -23 -145 1011
193	4	11	0.00	0.00		-92 -96 -217 -213
193	4	11	0.00	0.00		-99 106 1107 -220
193	4	11	0.00	0.00		-44 38 1038 -166
193	4	11	0.00	0.00		59 -78 -200 1059
193	4	11	0.00	0.00		-23 24 1024 -145
193	4	11	0.00	0.00		-110 -112 -233 -231
193	4	11	0.00	0.00		-78 80 1081 -200
194	4	11	0.00	0.00		61 -75 -197 1061
194	4	11	0.00	0.00		57 56 1056 1057
194	4	11	0.00	0.00		64 -77 -199 1064
194	4	11	0.00	0.00		-73 60 1060 -195
194	4	11	0.00	0.00		-72 -71 -193 -194
194	4	11	0.00	0.00		59 -72 -194 1059
194	4	11	0.00	0.00		-76 63 1063 -198
194	4	11	0.00	0.00		65 64 1064 1065
194	4	11	0.00	0.00		-77 -76 -198 -199
195	4	11	0.00	0.00		56 55 1055 1056
195	4	11	0.00	0.00		42 41 1041 1042
195	4	11	0.00	0.00		-20 9 1009 -142
195	4	11	0.00	0.00		41 -49 -171 1041
195	4	11	0.00	0.00		-49 -45 -167 -171



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

195	411	0.00	0.00		100 86 1087 1101	195	411	0.00	0.00		86 84 1085 1087
195	411	0.00	0.00		114 103 1104 1115	195	411	0.00	0.00		81 -79 -201 1082
195	411	0.00	0.00		55 50 1050 1055	195	411	0.00	0.00		-113 116 1117 -234
195	411	0.00	0.00		116 114 1115 1117	195	411	0.00	0.00		-45 33 1033 -167
195	411	0.00	0.00		-30 25 1025 -152	195	411	0.00	0.00		-116 -113 -234 -237
195	411	0.00	0.00		84 81 1082 1085	195	411	0.00	0.00		117 -119 -240 1118
195	411	0.00	0.00		-119 -116 -237 -240	195	411	0.00	0.00		103 100 1101 1104
196	411	0.00	0.00		-107 112 1113 -228	196	411	0.00	0.00		107 108 1109 1108
196	411	0.00	0.00		110 111 1112 1111	196	411	0.00	0.00		-100 103 1104 -221
196	411	0.00	0.00		-102 -101 -222 -223	196	411	0.00	0.00		106 -103 -224 1107
196	411	0.00	0.00		-103 107 1108 -224	196	411	0.00	0.00		106 105 1106 1107
196	411	0.00	0.00		-106 -107 -228 -227	196	411	0.00	0.00		109 110 1111 1110
196	411	0.00	0.00		-101 -100 -221 -222	196	411	0.00	0.00		-108 113 1114 -229
196	411	0.00	0.00		112 -347 -348 1113	196	411	0.00	0.00		104 -102 -223 1105
196	411	0.00	0.00		-104 -105 -226 -225	196	411	0.00	0.00		108 109 1110 1109
196	411	0.00	0.00		-347 -108 -229 -348	196	411	0.00	0.00		105 104 1105 1106
196	411	0.00	0.00		111 -104 -225 1112	196	411	0.00	0.00		-105 -106 -227 -226
197	411	0.00	0.00		121 120 1121 1122	197	411	0.00	0.00		120 119 1120 1121
197	411	0.00	0.00		129 128 1129 1130	197	411	0.00	0.00		132 131 1132 1133
197	411	0.00	0.00		118 117 1118 1119	197	411	0.00	0.00		122 121 1122 1123
197	411	0.00	0.00		125 124 1125 1126	197	411	0.00	0.00		124 123 1124 1125
197	411	0.00	0.00		130 129 1130 1131	197	411	0.00	0.00		128 -121 -242 1129
197	411	0.00	0.00		119 -120 -241 1120	197	411	0.00	0.00		-121 127 1128 -242
197	411	0.00	0.00		126 125 1126 1127	197	411	0.00	0.00		131 130 1131 1132
197	411	0.00	0.00		134 -122 -243 1135	197	411	0.00	0.00		123 122 1123 1124
197	411	0.00	0.00		-122 133 1134 -243	197	411	0.00	0.00		-120 118 1119 -241
197	411	0.00	0.00		127 126 1127 1128	197	411	0.00	0.00		133 132 1133 1134
198	411	0.00	0.00		-9 -10 -132 -131	198	411	0.00	0.00		13 -13 -135 1013
198	411	0.00	0.00		12 -11 -133 1012	198	411	0.00	0.00		16 -17 -139 1016
198	411	0.00	0.00		-10 12 1012 -132	198	411	0.00	0.00		-18 17 1017 -140
198	411	0.00	0.00		-12 13 1013 -134	198	411	0.00	0.00		-13 -14 -136 -135
198	411	0.00	0.00		15 -15 -137 1015	198	411	0.00	0.00		-17 -18 -140 -139
198	411	0.00	0.00		-7 -8 -130 -129	198	411	0.00	0.00		-8 -9 -131 -130
198	411	0.00	0.00		-11 -12 -134 -133	198	411	0.00	0.00		11 -7 -129 1011
198	411	0.00	0.00		14 15 1015 1014	198	411	0.00	0.00		-14 14 1014 -136
198	411	0.00	0.00		-16 16 1016 -138	198	411	0.00	0.00		-15 -16 -138 -137
199	411	0.00	0.00		39 -54 -176 1039	199	411	0.00	0.00		-54 -63 -185 -176
199	411	0.00	0.00		-69 62 1062 -191	199	411	0.00	0.00		-39 34 1034 -161
199	411	0.00	0.00		-47 39 1039 -169	199	411	0.00	0.00		52 -69 -191 1052
199	411	0.00	0.00		-63 52 1052 -185	199	411	0.00	0.00		12 -21 -143 1012
199	411	0.00	0.00		-21 23 1023 -143	199	411	0.00	0.00		-29 -39 -161 -151
199	411	0.00	0.00		34 -47 -169 1034	199	411	0.00	0.00		23 -29 -151 1023
200	411	0.00	0.00		13 18 1018 1013	201	411	0.00	0.00		-25 -27 -149 -147
201	411	0.00	0.00		101 112 1113 1102	201	411	0.00	0.00		65 -82 1068 1065
201	411	0.00	0.00		-27 28 1028 -149	201	411	0.00	0.00		-93 -98 -219 -214
201	411	0.00	0.00		-51 -56 -178 -173	201	411	0.00	0.00		-56 -64 -186 -178
201	411	0.00	0.00		-64 -67 -189 -186	201	411	0.00	0.00		-82 68 1069 1068
201	411	0.00	0.00		-98 101 1102 -219	201	411	0.00	0.00		68 83 1084 1069
201	411	0.00	0.00		-41 35 1035 -163	201	411	0.00	0.00		35 -51 -173 1035
201	411	0.00	0.00		28 -41 -163 1028	201	411	0.00	0.00		15 -25 -147 1015
201	411	0.00	0.00		83 -93 -214 1084	201	411	0.00	0.00		-67 65 1065 -189
202	411	0.00	0.00		73 -81 -203 1074	202	411	0.00	0.00		29 27 1027 1029
202	411	0.00	0.00		54 -66 -188 1054	202	411	0.00	0.00		43 -52 -174 1043
202	411	0.00	0.00		17 1 1001 1017	202	411	0.00	0.00		-22 17 1017 -144
202	411	0.00	0.00		-66 -346 -344 -188	202	411	0.00	0.00		-26 -22 -144 -148
202	411	0.00	0.00		67 54 1054 1067	202	411	0.00	0.00		-48 -43 -165 -170
202	411	0.00	0.00		-43 29 1029 -165	202	411	0.00	0.00		-91 73 1074 -212
202	411	0.00	0.00		-52 -48 -170 -174	202	411	0.00	0.00		-81 67 1067 -203
202	411	0.00	0.00		90 -95 -216 1091	202	411	0.00	0.00		27 -26 -148 1027
202	411	0.00	0.00		-95 -91 -212 -216	203	411	0.00	0.00		79 -89 -210 1080
203	411	0.00	0.00		76 75 1076 1077	203	411	0.00	0.00		-87 77 1078 -208
203	411	0.00	0.00		-83 69 1070 -204	203	411	0.00	0.00		77 76 1077 1078
203	411	0.00	0.00		73 -84 -205 1074	203	411	0.00	0.00		70 -83 -204 1071
203	411	0.00	0.00		78 -87 -208 1079	203	411	0.00	0.00		-88 78 1079 -209
203	411	0.00	0.00		-89 -88 -209 -210	203	411	0.00	0.00		-84 72 1073 -205
203	411	0.00	0.00		-85 73 1074 -206	203	411	0.00	0.00		71 70 1071 1072
203	411	0.00	0.00		74 -86 -207 1075	203	411	0.00	0.00		72 71 1072 1073
203	411	0.00	0.00		75 74 1075 1076	203	411	0.00	0.00		-86 -85 -206 -207
203	411	0.00	0.00		69 -351 -349 1070	204	411	0.00	0.00		-109 -111 -232 -230



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

204	4	11	0.00	0.00		102	-352	-353	1103	204	4	11	0.00	0.00		-90	-94	-215	-211
204	4	11	0.00	0.00		-111	-114	-235	-232	204	4	11	0.00	0.00		-117	134	1135	-238
204	4	11	0.00	0.00		87	102	1103	1088	204	4	11	0.00	0.00		-114	-117	-238	-235
204	4	11	0.00	0.00		-94	87	1088	-215	204	4	11	0.00	0.00		113	-109	-230	1114
204	4	11	0.00	0.00		70	-90	-211	1071	205	4	11	0.00	0.00		78	82	1083	1079
205	4	11	0.00	0.00		85	-97	-218	1086	205	4	11	0.00	0.00		-97	99	1100	-218
205	4	11	0.00	0.00		82	85	1086	1083	206	4	11	0.00	0.00		98	97	1098	1099
206	4	11	0.00	0.00		91	90	1091	1092	206	4	11	0.00	0.00		90	89	1090	1091
206	4	11	0.00	0.00		99	98	1099	1100	206	4	11	0.00	0.00		88	87	1088	1089
206	4	11	0.00	0.00		94	93	1094	1095	206	4	11	0.00	0.00		93	92	1093	1094
206	4	11	0.00	0.00		95	94	1095	1096	206	4	11	0.00	0.00		92	91	1092	1093
206	4	11	0.00	0.00		97	96	1097	1098	206	4	11	0.00	0.00		96	95	1096	1097
206	4	11	0.00	0.00		89	88	1089	1090	207	4	11	0.00	0.00		5	6	1006	1005
207	4	11	0.00	0.00		-1	2	1002	-123	207	4	11	0.00	0.00		4	5	1005	1004
207	4	11	0.00	0.00		3	4	1004	1003	207	4	11	0.00	0.00		-2	8	1008	-124
207	4	11	0.00	0.00		7	-2	-124	1007	207	4	11	0.00	0.00		1	-1	-123	1001
207	4	11	0.00	0.00		2	3	1003	1002	207	4	11	0.00	0.00		6	7	1007	1006
208	4	11	0.00	0.00		-19	19	1019	-141	208	4	11	0.00	0.00		8	-19	-141	1008
209	4	11	0.00	0.00		21	22	1022	1021	209	4	11	0.00	0.00		20	21	1021	1020
209	4	11	0.00	0.00		19	20	1020	1019	210	4	11	0.00	0.00		22	-28	-150	1022
210	4	11	0.00	0.00		40	-55	-177	1040	210	4	11	0.00	0.00		-55	49	1049	-177
210	4	11	0.00	0.00		37	40	1040	1037	210	4	11	0.00	0.00		-28	-38	-160	-150
210	4	11	0.00	0.00		66	-80	-202	1066	210	4	11	0.00	0.00		-42	-46	-168	-164
210	4	11	0.00	0.00		-46	37	1037	-168	210	4	11	0.00	0.00		-80	79	1080	-202
210	4	11	0.00	0.00		-343	-65	-187	-341	210	4	11	0.00	0.00		-65	53	1053	-187
210	4	11	0.00	0.00		-38	-42	-164	-160	210	4	11	0.00	0.00		53	66	1066	1053
211	4	11	0.00	0.00		30	-31	-153	1030	211	4	11	0.00	0.00		-34	-35	-157	-156
211	4	11	0.00	0.00		-37	-38	-160	-159	211	4	11	0.00	0.00		-31	31	1031	-153
211	4	11	0.00	0.00		32	-37	-159	1032	211	4	11	0.00	0.00		-35	-36	-158	-157
211	4	11	0.00	0.00		29	30	1030	1029	211	4	11	0.00	0.00		-36	32	1032	-158
211	4	11	0.00	0.00		-32	-33	-155	-154	211	4	11	0.00	0.00		31	-32	-154	1031
211	4	11	0.00	0.00		-33	-34	-156	-155	212	4	11	0.00	0.00		37	-50	-172	1037
212	4	11	0.00	0.00		-50	36	1036	-172	213	4	11	0.00	0.00		-57	43	1043	-179
213	4	11	0.00	0.00		48	47	1047	1048	213	4	11	0.00	0.00		47	-61	-183	1047
213	4	11	0.00	0.00		-58	-57	-179	-180	213	4	11	0.00	0.00		45	44	1044	1045
213	4	11	0.00	0.00		44	-58	-180	1044	213	4	11	0.00	0.00		49	48	1048	1049
213	4	11	0.00	0.00		-60	46	1046	-182	213	4	11	0.00	0.00		-59	45	1045	-181
213	4	11	0.00	0.00		-61	-60	-182	-183	213	4	11	0.00	0.00		46	-59	-181	1046
268	1	11	0.00	0.00		1056	1055	2056	2057	268	1	11	0.00	0.00		-201	1056	2057	-288
268	1	11	0.00	0.00		1082	-201	-288	2083	269	1	11	0.00	0.00		1050	1042	2043	2051
270	1	11	0.00	0.00		-167	1033	2034	-265	270	1	11	0.00	0.00		1041	-171	-270	2042
270	1	11	0.00	0.00		-171	-167	-265	-270	271	1	11	0.00	0.00		1025	-146	-250	2026
271	1	11	0.00	0.00		-146	-142	-247	-250	271	1	11	0.00	0.00		-142	1009	2009	-247
272	1	11	0.00	0.00		1065	1064	2065	2066	273	1	11	0.00	0.00		-191	1062	2063	-284
273	1	11	0.00	0.00		1052	-191	-284	2053	274	1	11	0.00	0.00		1063	1062	2063	2064
274	1	11	0.00	0.00		1062	1061	2062	2063	275	1	11	0.00	0.00		-194	-193	-286	-287
275	1	11	0.00	0.00		-192	1058	2059	-285	275	1	11	0.00	0.00		1060	1059	2060	2061
275	1	11	0.00	0.00		-193	-192	-285	-286	275	1	11	0.00	0.00		1059	-194	-287	2060
276	1	11	0.00	0.00		-190	1059	2060	-283	276	1	11	0.00	0.00		1051	-190	-283	2052
277	1	11	0.00	0.00		1057	1056	2057	2058	278	1	11	0.00	0.00		-145	1024	2025	-249
278	1	11	0.00	0.00		1010	1011	2011	2010	278	1	11	0.00	0.00		1011	-145	-249	2011
279	1	11	0.00	0.00		-166	1038	2039	-264	279	1	11	0.00	0.00		-162	-166	-264	-260
279	1	11	0.00	0.00		1026	-162	-260	2027	280	1	11	0.00	0.00		1012	-143	2018	2012
280	1	11	0.00	0.00		-143	1023	2024	2018	281	1	11	0.00	0.00		1034	-169	-268	2035
281	1	11	0.00	0.00		-169	1039	2040	-268	282	1	11	0.00	0.00		1013	1018	2019	2013
283	1	11	0.00	0.00		1015	-137	-244	2015	283	1	11	0.00	0.00		-138	1016	2016	-245
283	1	11	0.00	0.00		1014	1015	2015	2014	283	1	11	0.00	0.00		-137	-138	-245	-244
284	1	11	0.00	0.00		-186	-189	-282	-279	284	1	11	0.00	0.00		1035	-173	-272	2036
284	1	11	0.00	0.00		-178	-186	-279	-274	284	1	11	0.00	0.00		-173	-178	-274	-272
284	1	11	0.00	0.00		-189	1065	2066	-282	285	1	11	0.00	0.00		1027	-148	-251	2028
285	1	11	0.00	0.00		-148	-144	-248	-251	285	1	11	0.00	0.00		1017	1001	2001	2017
285	1	11	0.00	0.00		-144	1017	2017	-248	286	1	11	0.00	0.00		-344	1043	2044	-345
286	1	11	0.00	0.00		1054	-188	-281	2055	286	1	11	0.00	0.00		-188	-344	-345	-281
286	1	11	0.00	0.00		-165	1029	2030	-263	286	1	11	0.00	0.00		-170	-165	-263	-269
286	1	11	0.00	0.00		1043	-174	-273	2044	286	1	11	0.00	0.00		-174	-170	-269	-273
287	1	11	0.00	0.00		1002	1003	2003	2002	288	1	11	0.00	0.00		1006	1007	2007	2006
289	1	11	0.00	0.00		1004	1005	2005	2004	290	1	11	0.00	0.00		-141	1019	2020	-246
290	1	11	0.00	0.00		1008	-141	-246	2008	291	1	11	0.00	0.00		1019	1020	2021	2020
292	1	11	0.00	0.00		1021	1022	2023	2022	293	1	11	0.00	0.00		-150	-160	-259	-252



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

293	111	0.00	0.00		-168	1037	2038	-267	293	111	0.00	0.00		-160	-164	-262	-259
293	111	0.00	0.00		-164	-168	-267	-262	293	111	0.00	0.00		1022	-150	-252	2023
293	111	0.00	0.00		1037	1040	2041	2038	294	111	0.00	0.00		-172	1036	2037	-271
294	111	0.00	0.00		1037	-172	-271	2038	295	111	0.00	0.00		1049	1048	2049	2050
296	111	0.00	0.00		-183	-182	-277	-278	296	111	0.00	0.00		1047	-183	-278	2048
296	111	0.00	0.00		-182	1046	2047	-277	297	111	0.00	0.00		1045	1044	2045	2046
298	211	0.00	0.00		1029	1030	2031	2030	299	211	0.00	0.00		-156	-157	-257	-256
299	211	0.00	0.00		-158	1032	2033	-258	299	211	0.00	0.00		-154	-155	-255	-254
299	211	0.00	0.00		-155	-156	-256	-255	299	211	0.00	0.00		-157	-158	-258	-257
299	211	0.00	0.00		1031	-154	-254	2032	300	111	0.00	0.00		-341	-187	-280	-342
300	111	0.00	0.00		-187	1053	2054	-280	300	111	0.00	0.00		1049	-341	-342	2050
301	111	0.00	0.00		1066	-202	-289	2067	301	111	0.00	0.00		-202	1080	2081	-289
302	111	0.00	0.00		-209	1079	2080	-292	302	111	0.00	0.00		-210	-209	-292	-293
302	111	0.00	0.00		1080	-210	-293	2081	303	111	0.00	0.00		1078	1077	2078	2079
304	111	0.00	0.00		1076	1075	2076	2077	305	111	0.00	0.00		-203	1067	2068	-290
305	111	0.00	0.00		1074	-203	-290	2075	305	311	0.00	0.00		-212	1074	2075	-295
305	311	0.00	0.00		1091	-216	-298	2092	305	311	0.00	0.00		-216	-212	-295	-298
306	111	0.00	0.00		1074	-205	-291	2075	306	111	0.00	0.00		-205	1073	2074	-291
307	311	0.00	0.00		1071	-211	-294	2072	307	311	0.00	0.00		-215	1088	2089	-297
307	311	0.00	0.00		-211	-215	-297	-294	308	111	0.00	0.00		1070	-349	-350	2071
308	111	0.00	0.00		-349	1069	2070	-350	309	111	0.00	0.00		1068	1069	2070	2069
309	311	0.00	0.00		1069	1084	2085	2070	310	311	0.00	0.00		1102	1113	2114	2103
311	311	0.00	0.00		-226	-227	-307	-306	311	311	0.00	0.00		-225	-226	-306	-305
311	311	0.00	0.00		-227	-228	-308	-307	311	311	0.00	0.00		1112	-225	-305	2113
311	311	0.00	0.00		-228	1113	2114	-308	312	311	0.00	0.00		1110	1111	2112	2111
313	311	0.00	0.00		1108	1109	2110	2109	314	311	0.00	0.00		-353	1114	2115	-354
314	311	0.00	0.00		1114	-230	-309	2115	314	311	0.00	0.00		-235	-238	-314	-312
314	311	0.00	0.00		-232	-235	-312	-310	314	311	0.00	0.00		-238	1135	2136	-314
314	311	0.00	0.00		1103	-353	-354	2104	314	311	0.00	0.00		-230	-232	-310	-309
315	311	0.00	0.00		1135	-243	-317	2136	315	311	0.00	0.00		-243	1134	2135	-317
316	311	0.00	0.00		1133	1132	2133	2134	317	311	0.00	0.00		1131	1130	2131	2132
318	311	0.00	0.00		1129	-242	-316	2130	318	311	0.00	0.00		-242	1128	2129	-316
319	311	0.00	0.00		1127	1126	2127	2128	320	311	0.00	0.00		1125	1124	2125	2126
321	311	0.00	0.00		1123	1122	2123	2124	322	311	0.00	0.00		1121	1120	2121	2122
323	311	0.00	0.00		1119	1118	2119	2120	324	311	0.00	0.00		-234	1117	2118	-311
324	311	0.00	0.00		-240	-237	-313	-315	324	311	0.00	0.00		1118	-240	-315	2119
324	311	0.00	0.00		-237	-234	-311	-313	325	111	0.00	0.00		-213	-217	-299	-296
325	311	0.00	0.00		1107	1116	2117	2108	325	111	0.00	0.00		-220	1107	2108	-301
325	111	0.00	0.00		1081	-213	-296	2082	325	111	0.00	0.00		-217	-220	-301	-299
326	111	0.00	0.00		1104	1101	2102	2105	326	311	0.00	0.00		1115	1104	2105	2116
327	111	0.00	0.00		1087	1085	2086	2088	328	111	0.00	0.00		1107	1106	2107	2108
329	111	0.00	0.00		1105	-223	-304	2106	329	111	0.00	0.00		-223	-222	-303	-304
329	111	0.00	0.00		-221	1104	2105	-302	329	111	0.00	0.00		-222	-221	-302	-303
330	311	0.00	0.00		1079	1083	2084	2080	331	311	0.00	0.00		-218	1100	2101	-300
331	311	0.00	0.00		1086	-218	-300	2087	332	311	0.00	0.00		1100	1099	2100	2101
333	311	0.00	0.00		1098	1097	2098	2099	334	311	0.00	0.00		1096	1095	2096	2097
335	311	0.00	0.00		1094	1093	2094	2095	336	311	0.00	0.00		1091	1090	2091	2092
336	311	0.00	0.00		1092	1091	2092	2093	337	311	0.00	0.00		1089	1088	2089	2090
338	111	0.00	0.00		1072	1071	2072	2073	339	111	0.00	0.00		2028	-251	-320	3018
339	111	0.00	0.00		-251	-248	-319	-320	339	111	0.00	0.00		-263	2030	3019	-331
339	111	0.00	0.00		2030	2028	3018	3019	339	111	0.00	0.00		-269	-263	-331	-334
339	111	0.00	0.00		2017	2001	3004	3012	339	111	0.00	0.00		-248	2017	3012	-319
339	111	0.00	0.00		2044	-273	-336	3027	339	111	0.00	0.00		-273	-269	-334	-336
340	111	0.00	0.00		2003	2004	3007	3006	340	111	0.00	0.00		2002	2003	3006	3005
341	111	0.00	0.00		2005	2006	3009	3008	341	111	0.00	0.00		2006	2007	3010	3009
342	111	0.00	0.00		2008	-246	-318	3011	342	111	0.00	0.00		-246	2020	3013	-318
343	111	0.00	0.00		2020	2021	3014	3013	344	111	0.00	0.00		2022	2023	3016	3015
345	111	0.00	0.00		-262	-267	-333	-330	345	111	0.00	0.00		2023	-252	-321	3016
345	111	0.00	0.00		-252	-259	-328	-321	345	111	0.00	0.00		-267	2038	3024	-333
345	111	0.00	0.00		-259	-262	-330	-328	345	111	0.00	0.00		2038	2041	3025	3024
346	111	0.00	0.00		2038	-271	-335	3024	346	111	0.00	0.00		-271	2037	3023	-335
347	111	0.00	0.00		2049	2048	3031	3032	347	111	0.00	0.00		2050	2049	3032	3033
347	111	0.00	0.00		2048	-278	-340	3031	348	111	0.00	0.00		-277	2047	3030	-339
349	111	0.00	0.00		2045	-276	-338	3028	349	111	0.00	0.00		2046	2045	3028	3029
350	211	0.00	0.00		2031	-253	-322	3020	350	211	0.00	0.00		2030	2031	3020	3019
351	211	0.00	0.00		2032	-254	-323	3021	352	211	0.00	0.00		-258	2033	3022	-327
353	211	0.00	0.00		-256	-257	-326	-325	353	211	0.00	0.00		-255	-256	-325	-324
370	111	0.00	0.00		2037	-266	-332	3023	370	111	0.00	0.00		-266	-261	-329	-332
370	111	0.00	0.00		-261	2033	3022	-329	371	111	0.00	0.00		-275	2044	3027	-337



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

**Elenco tipi solai**

**Simbologia**

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

Ts	Comm.	Rc	Qps <daN/mq>	Qpn <daN/mq>	QA <daN/mq>	QA2 <daN/mq>	QA3 <daN/mq>	Rip. ter.	Rip. int.	Lfl <m>	s
1	PRIMO SOLAIO	UN	300.00	180.00	300.00	0.00	0.00	50.00	50.00	0.00	0.33
2	SECONDO SOLAIO RESIDENZA	UN	250.00	180.00	200.00	0.00	0.00	50.00	50.00	0.00	0.33
3	SECONDO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33
4	TERZO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33

**Elenco solai**

**Simbologia**

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

Sol.	Ts	Ord. <grad>	Nodi
100	1	0.00	-201 1082 1085 1087 1101 1104 -221 -222 -223 1105 1106 1107 -220 -217 -213 1081 -200 1059 -194 -193 -192 1058 1057 1056
101	1	0.00	1115 1117 -234 -237 -240 1118 1119 -241 1120 1121 1122 1123 -239 -236 -233 -231 1116 1107 1106 1105 -223 -222 -221 1104
102	1	90.00	1107 -224 1108 1109 1110 1111 1112 -225 -226 -227 -228 1113 -348 -229 1114 -230 -232 -235 -238 1135 -243 1134 1133 1132 1131 1130 1129 -242 1128 1127 1126 1125 1124 1123 -239 -236 -233 -231 1116
103	1	0.00	1084 -214 -219 1102 1113 -348 -229 1114 -353 1103 1088 -215 -211 1071 -204 1070 -349 1069
104	1	90.00	-211 -215 1088 1089 1090 1091 -216 -212 1074 -205 1073 1072 1071
105	1	90.00	-212 -216 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 -218 1086 1083 1079 -208 1078 1077 1076 1075 -207 -206 1074
106	1	90.00	-188 1054 1067 -203 1074 -206 -207 1075 1076 1077 1078 -208 1079 -209 -210 1080 -202 1066 1053 -187 -341 1049 1048 1047 -183 -182 1046 -181 1045 1044 -180 -179 1043 -344
107	1	90.00	1029 1030 -153 1031 -154 -155 -156 -157 -158 1032 -159 -160 -164 -168 1037 1040 -177 1049 1048 1047 -183 -182 1046 -181 1045 1044 -180 -179 1043 -174 -170 -165
108	1	90.00	1001 -123 1002 1003 1004 1005 1006 1007 -124 1008 -141 1019 1020 1021 1022 -150 -160 -159 1032 -158 -157 -156 -155 -154 1031 -153 1030 1029 1027 -148 -144 1017
109	1	0.00	1015 -137 -138 1016 -139 -140 1017 -144 -148 1027 1029 -165 -170 -174 1043 -344 -188 1054 1067 -203 1074 -205 1073 1072 1071 -204 1070 -349 1069 1068 1065 -189 -186 -178 -173 1035 -163 1028 -149 -147
110	1	0.00	1012 -133 -134 1013 -135 -136 1014 1015 -147 -149 1028 -163 1035 -173 -178 -186 -189 1065 1064 -199 -198 1063 1062 -191 1052 -185 -176 1039 -169 1034 -161 -151 1023 -143
111	1	0.00	1011 -129 -130 -131 -132 1012 -143 1023 -151 -161 1034 -169 1039 -176 -185 1052 -191 1062 1061 -197 -196 -195 1060 1059 -190 1051 -184 -175 1038 -166 -162 1026 1024 -145
112	1	0.00	1009 -125 -126 -127 -128 1010 1011 -145 1024 1026 -162 -166 1038 -175 -184 1051 -190 1059 -194 -193 -192 1058 1057 1056 1055 1050 1042 1041 -171 -167 1033 -152 1025 -146 -142
200	2	90.00	-281 2055 2068 -290 2075 2076 2077 2078 2079 2080 -292 -293 2081 -289 2067 2054 -280 -342 2050 2049 2048 -278 -277 2047 2046 2045 -276 -275 2044 -345
201	2	90.00	2030 2031 -253 2032 -254 -255 -256 -257 -258 2033 -261 -266 2037 -271 2038 2041 2050 2049 2048 -278 -277 2047 2046 2045 -276 -275 2044 -273 -269 -263
202	2	90.00	2001 2002 2003 2004 2005 2006 2007 2008 -246 2020 2033 -258 -257 -256 -255 -254 2032 -253 2031 2030 2028 -251 -248 2017
203	3	90.00	2116 2118 -311 -313 -315 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 -316 2130 2131 2132 2133 2134 2135 -317 2136 -314 -312 -310 -309 2115 2114 -308 -307 -306 -305 2113 2112 2111 2110 2109 2108 2107 2106 -304 -303 -302 2105



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

204	3	0.00	-288 2083 2086 2088 2102 2105 -302 -303 -304 2106 2107 2108 -301 -299 -296 2082 2060 -287 -286 -285 2059 2058 2057
205	3	0.00	2009 2010 2011 -249 2025 2027 -260 -264 2039 2052 -283 2060 -287 -286 -285 2059 2058 2057 2056 2051 2043 2042 -270 -265 2034 2026 -250 -247
206	3	0.00	2011 2012 2018 2024 2035 -268 2040 2053 -284 2063 2062 2061 2060 -283 2052 2039 -264 -260 2027 2025 -249
207	3	0.00	2012 2013 2014 2015 2029 2036 -272 -274 -279 -282 2066 2065 2064 2063 -284 2053 2040 -268 2035 2024 2018
208	3	0.00	2015 -244 -245 2016 2017 -248 -251 2028 2030 -263 -269 -273 2044 -345 -281 2055 2068 -290 2075 -291 2074 2073 2072 2071 -350 2070 2069 2066 -282 -279 -274 -272 2036 2029
209	3	0.00	-295 -298 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 -300 2087 2084 2080 2079 2078 2077 2076 2075
210	3	0.00	-294 -297 2089 2090 2091 2092 -298 -295 2075 -291 2074 2073 2072
211	3	0.00	2085 2103 2114 2115 -354 2104 2089 -297 -294 2072 2071 -350 2070
300	4	90.00	3004 3005 3006 3007 3008 3009 3010 3011 -318 3013 3022 -327 -326 -325 -324 -323 3021 -322 3020 3019 3018 -320 -319 3012
301	4	90.00	3001 3002 3011 3010 3009 3008 3007 3006 3005 3004
302	4	0.00	3003 3004 3012 -319 -320 3018 3019 -331 -334 -336 3027 3026
303	4	90.00	3035 3036 3033 3032 3031 -340 -339 3030 3029 3028 -338 -337 3027
304	4	90.00	3019 3020 -322 3021 -323 -324 -325 -326 -327 3022 -329 -332 3023 -335 3024 3025 3033 3032 3031 -340 -339 3030 3029 3028 -338 -337 3027 -336 -334 -331
305	4	0.00	3013 3014 3015 3016 -321 -328 -330 -333 3024 -335 3023 -332 -329 3022
306	4	0.00	3016 3017 3034 3033 3025 3024 -333 -330 -328 -321

## Carichi

### Elenco tipi CCE

#### Simbologia

$\gamma_{max}$  = Coeff.  $\gamma_{max}$   
 $\gamma_{min.}$  = Coeff.  $\gamma_{min.}$   
 $\psi_0$  = Coeff.  $\psi_0$   
 $\psi_{0,s}$  = Coeff.  $\psi_0$  sismico (D.M. 96)  
 $\psi_1$  = Coeff.  $\psi_1$   
 $\psi_2$  = Coeff.  $\psi_2$   
 Comm. = Commento  
 Durata = Durata del carico  
     P = Permanente  
     L = Lunga  
     M = Media  
 Tipo = Tipologia  
     G = Permanente  
     Qv = Variabile vento  
     Q = Variabile  
 Tipo CCE = Tipo condizione di carico elementare

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min.}$	$\gamma_{max}$	$\psi_0$	$\psi_1$	$\psi_2$	$\psi_{0,s}$
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				
5	D.M. 18 Variabili Categoria C - Ambienti suscettibili di affollamento	Q	M	0.00	1.50	0.70	0.70	0.60	0.00
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

### Condizioni di carico elementari

#### Simbologia

CCE = Numero della condizione di carico elementare  
 Comm. = Commento  
 Dir. = Direzione del vento  
 $J_{px}$  = Moltiplicatore del momento d'inerzia intorno all'asse X  
 $J_{py}$  = Moltiplicatore del momento d'inerzia intorno all'asse Y  
 $J_{pz}$  = Moltiplicatore del momento d'inerzia intorno all'asse Z  
 $M_x$  = Moltiplicatore della massa in dir. X  
 $M_y$  = Moltiplicatore della massa in dir. Y  
 $M_z$  = Moltiplicatore della massa in dir. Z  
 Sic. = Contributo alla sicurezza  
     S = a sfavore  
 Tipo = Tipologia di pressione vento  
     M = Massimizzata





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

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	Variabili	5S	A	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00
4	Variabili Neve	12S	A	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00

### Elenco carichi aste

#### Condizione di carico n. 1: Permanenti Strutturali

#### Carichi distribuiti

#### Simbologia

Asta = Numero dell'asta  
DC = Direzione del carico  
XG,YG,ZG = secondo gli assi globali  
XL,YL,ZL = secondo gli assi locali  
E = Elemento provenienza del carico  
S = Solaio  
T = Tamponatura  
N1 = Nodo iniziale  
N2 = Nodo finale  
NE = Numero elemento di provenienza del carico  
Qf = Carico finale  
Qi = Carico iniziale  
T = Tipo di carico  
QA = Primo carico accidentale  
QA2 = Secondo carico accidentale  
QA3 = Terzo carico accidentale  
QPS = Carico permanente strutturale  
QPN = Carico permanente non strutturale  
VE = Vento  
M = Manuale  
Xf = Distanza finale  
Xi = Distanza iniziale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-142	1009	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	1025	-146	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	-247	2009	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	-250	-247	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	2034	2026	S	205	QPS	ZG	0.00	887.50	2.60	887.50
0	-167	1033	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	-270	-265	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	1041	-171	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	2042	-270	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	1011	-145	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	-145	1024	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	1024	1026	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	-249	2025	S	205	QPS	ZG	0.00	887.50	1.15	887.50
0	1050	1042	S	112	QPS	ZG	0.00	1065.00	0.95	1065.00
0	1026	-162	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	2011	-249	S	206	QPS	ZG	0.00	850.00	1.15	850.00
0	1056	1055	S	112	QPS	ZG	0.00	1065.00	0.75	1065.00
0	2056	2051	S	205	QPS	ZG	0.00	887.50	1.45	887.50
0	-162	-166	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	2025	2027	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	2027	-260	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	-260	-264	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	-201	1056	S	100	QPS	ZG	0.00	1065.00	1.18	1065.00
0	-264	2039	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	-146	-142	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	-152	1025	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	1033	-152	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	2026	-250	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	-265	2034	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	-171	-167	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	1010	1011	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	1042	1041	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	1011	-145	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	-145	1024	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	1024	1026	S	111	QPS	ZG	0.00	1020.00	0.85	1020.00
0	2010	2011	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	-249	2025	S	206	QPS	ZG	0.00	850.00	1.15	850.00
0	1026	-162	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	2011	-249	S	205	QPS	ZG	0.00	887.50	1.15	887.50
0	1055	1050	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	2051	2043	S	205	QPS	ZG	0.00	887.50	0.95	887.50
0	-162	-166	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	2057	2056	S	205	QPS	ZG	0.00	887.50	0.75	887.50
0	2025	2027	S	206	QPS	ZG	0.00	850.00	0.85	850.00
0	2027	-260	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	-260	-264	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	-264	2039	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	1082	-201	S	100	QPS	ZG	0.00	1065.00	1.18	1065.00

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0 2083 -288 S 204 QPS ZG 0.00 887.50 1.18 887.50	0 2043 2042 S 205 QPS ZG 0.00 887.50 1.45 887.50
0 -166 1038 S 111 QPS ZG 0.00 1020.00 1.40 1020.00	0 -166 1038 S 112 QPS ZG 0.00 1065.00 1.40 1065.00
0 1012 -143 S 110 QPS ZG 0.00 1020.00 1.05 1020.00	0 1012 -143 S 111 QPS ZG 0.00 1020.00 1.05 1020.00
0 1038 -175 S 111 QPS ZG 0.00 1020.00 1.22 1020.00	0 1038 -175 S 112 QPS ZG 0.00 1065.00 1.22 1065.00
0 -143 1023 S 110 QPS ZG 0.00 1020.00 1.15 1020.00	0 -143 1023 S 111 QPS ZG 0.00 1020.00 1.15 1020.00
0 1085 1082 S 100 QPS ZG 0.00 1065.00 1.50 1065.00	0 2086 2083 S 204 QPS ZG 0.00 887.50 1.50 887.50
0 2039 2052 S 205 QPS ZG 0.00 887.50 3.65 887.50	0 2039 2052 S 206 QPS ZG 0.00 850.00 3.65 850.00
0 1023 -151 S 110 QPS ZG 0.00 1020.00 1.17 1020.00	0 1023 -151 S 111 QPS ZG 0.00 1020.00 1.17 1020.00
0 -175 -184 S 111 QPS ZG 0.00 1020.00 1.22 1020.00	0 -175 -184 S 112 QPS ZG 0.00 1065.00 1.22 1065.00
0 2088 2086 S 204 QPS ZG 0.00 887.50 0.90 887.50	0 2012 2018 S 206 QPS ZG 0.00 850.00 1.05 850.00
0 2012 2018 S 207 QPS ZG 0.00 850.00 1.05 850.00	0 2018 2024 S 206 QPS ZG 0.00 850.00 1.15 850.00
0 2018 2024 S 207 QPS ZG 0.00 850.00 1.15 850.00	0 -288 2057 S 204 QPS ZG 0.00 887.50 1.18 887.50
0 -184 1051 S 111 QPS ZG 0.00 1020.00 1.22 1020.00	0 -184 1051 S 112 QPS ZG 0.00 1065.00 1.22 1065.00
0 -151 -161 S 110 QPS ZG 0.00 1020.00 1.17 1020.00	0 -151 -161 S 111 QPS ZG 0.00 1020.00 1.17 1020.00
0 1087 1085 S 100 QPS ZG 0.00 1065.00 0.90 1065.00	0 1101 1087 S 100 QPS ZG 0.00 1065.00 1.50 1065.00
0 2102 2088 S 204 QPS ZG 0.00 887.50 1.50 887.50	0 -161 1034 S 110 QPS ZG 0.00 1020.00 1.17 1020.00
0 -161 1034 S 111 QPS ZG 0.00 1020.00 1.17 1020.00	0 1051 -190 S 111 QPS ZG 0.00 1020.00 0.82 1020.00
0 1051 -190 S 112 QPS ZG 0.00 1065.00 0.82 1065.00	0 -190 1059 S 111 QPS ZG 0.00 1020.00 0.82 1020.00
0 -190 1059 S 112 QPS ZG 0.00 1065.00 0.82 1065.00	0 -283 2060 S 205 QPS ZG 0.00 887.50 0.82 887.50
0 -283 2060 S 206 QPS ZG 0.00 850.00 0.82 850.00	0 1104 1101 S 100 QPS ZG 0.00 1065.00 1.10 1065.00
0 1034 -169 S 110 QPS ZG 0.00 1020.00 0.82 1020.00	0 1034 -169 S 111 QPS ZG 0.00 1020.00 0.82 1020.00
0 1115 1104 S 101 QPS ZG 0.00 1065.00 0.25 1065.00	0 2105 2102 S 204 QPS ZG 0.00 887.50 1.10 887.50
0 1059 -200 S 100 QPS ZG 0.00 1065.00 1.15 1065.00	0 2052 -283 S 205 QPS ZG 0.00 887.50 0.82 887.50
0 2052 -283 S 206 QPS ZG 0.00 850.00 0.82 850.00	0 2024 2035 S 206 QPS ZG 0.00 850.00 3.50 850.00
0 2024 2035 S 207 QPS ZG 0.00 850.00 3.50 850.00	0 -169 1039 S 110 QPS ZG 0.00 1020.00 0.82 1020.00
0 -169 1039 S 111 QPS ZG 0.00 1020.00 0.82 1020.00	0 2035 -268 S 206 QPS ZG 0.00 850.00 0.82 850.00
0 2035 -268 S 207 QPS ZG 0.00 850.00 0.82 850.00	0 -268 2040 S 206 QPS ZG 0.00 850.00 0.82 850.00
0 -268 2040 S 207 QPS ZG 0.00 850.00 0.82 850.00	0 1117 1115 S 101 QPS ZG 0.00 1065.00 1.45 1065.00
0 1039 -176 S 110 QPS ZG 0.00 1020.00 1.22 1020.00	0 1039 -176 S 111 QPS ZG 0.00 1020.00 1.22 1020.00
0 -302 2105 S 203 QPS ZG 0.00 837.50 1.27 837.50	0 1015 -147 S 109 QPS ZG 0.00 967.50 1.38 967.50
0 1015 -147 S 110 QPS ZG 0.00 1020.00 1.38 1020.00	0 -200 1081 S 100 QPS ZG 0.00 1065.00 1.15 1065.00
0 2060 2082 S 204 QPS ZG 0.00 887.50 2.30 887.50	0 -234 1117 S 101 QPS ZG 0.00 1065.00 1.25 1065.00
0 1081 -213 S 100 QPS ZG 0.00 1065.00 1.26 1065.00	0 2082 -296 S 204 QPS ZG 0.00 887.50 1.26 887.50
0 2015 2029 S 207 QPS ZG 0.00 850.00 4.15 850.00	0 2015 2029 S 208 QPS ZG 0.00 806.25 4.15 806.25
0 -303 -302 S 203 QPS ZG 0.00 837.50 1.27 837.50	0 -147 -149 S 109 QPS ZG 0.00 967.50 1.38 967.50
0 -147 -149 S 110 QPS ZG 0.00 1020.00 1.38 1020.00	0 -176 -185 S 110 QPS ZG 0.00 1020.00 1.22 1020.00
0 -176 -185 S 111 QPS ZG 0.00 1020.00 1.22 1020.00	0 -237 -234 S 101 QPS ZG 0.00 1065.00 1.25 1065.00
0 -304 -303 S 203 QPS ZG 0.00 837.50 1.27 837.50	0 -185 1052 S 110 QPS ZG 0.00 1020.00 1.22 1020.00
0 -185 1052 S 111 QPS ZG 0.00 1020.00 1.22 1020.00	0 2106 -304 S 203 QPS ZG 0.00 837.50 1.27 837.50
0 -149 1028 S 109 QPS ZG 0.00 967.50 1.38 967.50	0 -149 1028 S 110 QPS ZG 0.00 1020.00 1.38 1020.00
0 1028 -163 S 109 QPS ZG 0.00 967.50 0.90 967.50	0 1028 -163 S 110 QPS ZG 0.00 1020.00 0.90 1020.00
0 2040 2053 S 206 QPS ZG 0.00 850.00 3.65 850.00	0 2040 2053 S 207 QPS ZG 0.00 850.00 3.65 850.00
0 -213 -217 S 100 QPS ZG 0.00 1065.00 1.26 1065.00	0 -217 -220 S 100 QPS ZG 0.00 1065.00 1.26 1065.00
0 -296 -299 S 204 QPS ZG 0.00 887.50 1.26 887.50	0 -240 -237 S 101 QPS ZG 0.00 1065.00 1.25 1065.00
0 -163 1035 S 109 QPS ZG 0.00 967.50 0.90 967.50	0 -163 1035 S 110 QPS ZG 0.00 1020.00 0.90 1020.00
0 1052 -191 S 110 QPS ZG 0.00 1020.00 0.82 1020.00	0 1052 -191 S 111 QPS ZG 0.00 1020.00 0.82 1020.00
0 -191 1062 S 110 QPS ZG 0.00 1020.00 0.82 1020.00	0 -191 1062 S 111 QPS ZG 0.00 1020.00 0.82 1020.00
0 2053 -284 S 206 QPS ZG 0.00 850.00 0.82 850.00	0 2053 -284 S 207 QPS ZG 0.00 850.00 0.82 850.00
0 -284 2063 S 206 QPS ZG 0.00 850.00 0.82 850.00	0 -284 2063 S 207 QPS ZG 0.00 850.00 0.82 850.00
0 1001 -123 S 108 QPS ZG 0.00 825.00 0.90 825.00	0 1107 1116 S 101 QPS ZG 0.00 1065.00 0.30 1065.00
0 -224 1108 S 102 QPS ZG 0.00 1005.00 0.78 1005.00	0 1118 -240 S 101 QPS ZG 0.00 1065.00 1.25 1065.00
0 -123 1002 S 108 QPS ZG 0.00 825.00 0.90 825.00	0 2107 2106 S 203 QPS ZG 0.00 837.50 1.00 837.50
0 1107 -224 S 102 QPS ZG 0.00 1005.00 0.78 1005.00	0 -299 -301 S 204 QPS ZG 0.00 887.50 1.26 887.50
0 2108 2109 S 203 QPS ZG 0.00 837.50 1.55 837.50	0 1002 1003 S 108 QPS ZG 0.00 825.00 1.15 825.00
0 1035 -173 S 109 QPS ZG 0.00 967.50 1.34 967.50	0 1035 -173 S 110 QPS ZG 0.00 1020.00 1.34 1020.00
0 1108 1109 S 102 QPS ZG 0.00 1005.00 0.90 1005.00	0 -301 2108 S 204 QPS ZG 0.00 887.50 1.26 887.50
0 -144 1017 S 109 QPS ZG 0.00 967.50 1.08 967.50	0 1027 -148 S 109 QPS ZG 0.00 967.50 1.08 967.50
0 -248 2017 S 208 QPS ZG 0.00 806.25 1.08 806.25	0 2002 2003 S 202 QPS ZG 0.00 687.50 1.15 687.50
0 -272 -274 S 207 QPS ZG 0.00 850.00 1.34 850.00	0 -272 -274 S 208 QPS ZG 0.00 806.25 1.34 806.25
0 2121 2120 S 203 QPS ZG 0.00 837.50 3.00 837.50	0 -148 -144 S 109 QPS ZG 0.00 967.50 1.08 967.50
0 -220 1107 S 100 QPS ZG 0.00 1065.00 1.26 1065.00	0 2001 2002 S 202 QPS ZG 0.00 687.50 1.80 687.50
0 2120 2119 S 203 QPS ZG 0.00 837.50 1.00 837.50	0 2036 -272 S 207 QPS ZG 0.00 850.00 1.34 850.00
0 2036 -272 S 208 QPS ZG 0.00 806.25 1.34 806.25	0 1116 -231 S 101 QPS ZG 0.00 1065.00 1.28 1065.00
0 -231 -233 S 101 QPS ZG 0.00 1065.00 1.28 1065.00	0 -233 -236 S 101 QPS ZG 0.00 1065.00 1.28 1065.00
0 2108 2107 S 203 QPS ZG 0.00 837.50 1.00 837.50	0 2109 2110 S 203 QPS ZG 0.00 837.50 0.90 837.50
0 1004 1005 S 108 QPS ZG 0.00 825.00 1.20 825.00	0 2004 2005 S 202 QPS ZG 0.00 687.50 1.20 687.50
0 1029 1027 S 109 QPS ZG 0.00 967.50 0.90 967.50	0 3005 3006 S 300 QPS ZG 0.00 687.50 1.15 687.50
0 3005 3006 S 301 QPS ZG 0.00 375.00 1.15 375.00	0 -173 -178 S 109 QPS ZG 0.00 967.50 1.34 967.50
0 -173 -178 S 110 QPS ZG 0.00 1020.00 1.34 1020.00	0 2029 2036 S 207 QPS ZG 0.00 850.00 1.80 850.00



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	2029	2036	S	208	QPS	ZG	0.00	806.25	1.80	806.25	0	1003	1004	S	108	QPS	ZG	0.00	825.00	1.45	825.00
0	-178	-186	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	-178	-186	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00
0	-274	-279	S	207	QPS	ZG	0.00	850.00	1.34	850.00	0	-274	-279	S	208	QPS	ZG	0.00	806.25	1.34	806.25
0	1110	1111	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00	0	2111	2112	S	203	QPS	ZG	0.00	837.50	0.95	837.50
0	1005	1006	S	108	QPS	ZG	0.00	825.00	1.45	825.00	0	2003	2004	S	202	QPS	ZG	0.00	687.50	1.45	687.50
0	1109	1110	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	1029	1030	S	107	QPS	ZG	0.00	825.00	1.15	825.00
0	1029	1030	S	108	QPS	ZG	0.00	825.00	1.15	825.00	0	3004	3005	S	300	QPS	ZG	0.00	687.50	1.80	687.50
0	3004	3005	S	301	QPS	ZG	0.00	375.00	1.80	375.00	0	-236	-239	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00
0	1111	1112	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	3006	3007	S	300	QPS	ZG	0.00	687.50	1.45	687.50
0	3006	3007	S	301	QPS	ZG	0.00	375.00	1.45	375.00	0	2028	-251	S	208	QPS	ZG	0.00	806.25	1.08	806.25
0	2123	2122	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-251	-248	S	208	QPS	ZG	0.00	806.25	1.08	806.25
0	3012	3004	S	302	QPS	ZG	0.00	375.00	1.35	375.00	0	3018	-320	S	302	QPS	ZG	0.00	375.00	1.08	375.00
0	2110	2111	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-165	1029	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	2030	2028	S	208	QPS	ZG	0.00	806.25	0.90	806.25	0	-263	2030	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	1030	-153	S	107	QPS	ZG	0.00	825.00	0.76	825.00	0	1030	-153	S	108	QPS	ZG	0.00	825.00	0.76	825.00
0	-320	-319	S	302	QPS	ZG	0.00	375.00	1.08	375.00	0	3019	3018	S	302	QPS	ZG	0.00	375.00	0.90	375.00
0	3008	3009	S	300	QPS	ZG	0.00	687.50	1.45	687.50	0	3008	3009	S	301	QPS	ZG	0.00	375.00	1.45	375.00
0	-186	-189	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	-186	-189	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00
0	2112	2113	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-189	1065	S	109	QPS	ZG	0.00	967.50	1.34	967.50
0	-189	1065	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	0	-170	-165	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	-153	1031	S	107	QPS	ZG	0.00	825.00	0.76	825.00	0	-153	1031	S	108	QPS	ZG	0.00	825.00	0.76	825.00
0	2066	2069	S	208	QPS	ZG	0.00	806.25	1.44	806.25	0	-154	-155	S	107	QPS	ZG	0.00	825.00	0.70	825.00
0	-154	-155	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	-319	3012	S	302	QPS	ZG	0.00	375.00	1.08	375.00
0	-239	1123	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	0	-253	2032	S	201	QPS	ZG	0.00	687.50	0.76	687.50
0	-253	2032	S	202	QPS	ZG	0.00	687.50	0.76	687.50	0	-331	3019	S	302	QPS	ZG	0.00	375.00	1.38	375.00
0	1006	1007	S	108	QPS	ZG	0.00	825.00	1.20	825.00	0	1065	1068	S	109	QPS	ZG	0.00	967.50	1.44	967.50
0	1068	1069	S	109	QPS	ZG	0.00	967.50	0.61	967.50	0	-279	-282	S	207	QPS	ZG	0.00	850.00	1.34	850.00
0	-279	-282	S	208	QPS	ZG	0.00	806.25	1.34	806.25	0	2124	2123	S	203	QPS	ZG	0.00	837.50	0.70	837.50
0	1112	-225	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	1031	-154	S	107	QPS	ZG	0.00	825.00	0.70	825.00
0	1031	-154	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	1124	1123	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	2122	2121	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	-174	-170	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	2030	2031	S	201	QPS	ZG	0.00	687.50	1.15	687.50	0	2030	2031	S	202	QPS	ZG	0.00	687.50	1.15	687.50
0	-334	-331	S	302	QPS	ZG	0.00	375.00	1.38	375.00	0	2125	2124	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	1007	-124	S	108	QPS	ZG	0.00	825.00	0.88	825.00	0	2005	2006	S	202	QPS	ZG	0.00	687.50	1.45	687.50
0	3007	3008	S	300	QPS	ZG	0.00	687.50	1.20	687.50	0	3007	3008	S	301	QPS	ZG	0.00	375.00	1.20	375.00
0	2031	-253	S	201	QPS	ZG	0.00	687.50	0.76	687.50	0	2031	-253	S	202	QPS	ZG	0.00	687.50	0.76	687.50
0	-344	1043	S	109	QPS	ZG	0.00	967.50	0.05	967.50	0	-269	-263	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	3009	3010	S	300	QPS	ZG	0.00	687.50	1.20	687.50	0	3009	3010	S	301	QPS	ZG	0.00	375.00	1.20	375.00
0	2032	-254	S	201	QPS	ZG	0.00	687.50	0.70	687.50	0	2032	-254	S	202	QPS	ZG	0.00	687.50	0.70	687.50
0	-254	-255	S	201	QPS	ZG	0.00	687.50	0.70	687.50	0	-254	-255	S	202	QPS	ZG	0.00	687.50	0.70	687.50
0	-225	-226	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-226	-227	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00
0	-305	-306	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	2006	2007	S	202	QPS	ZG	0.00	687.50	1.20	687.50
0	2113	-305	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	-124	1008	S	108	QPS	ZG	0.00	825.00	0.88	825.00
0	1125	1124	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00	0	1069	1084	S	103	QPS	ZG	0.00	375.00	1.30	375.00
0	-155	-156	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	-155	-156	S	108	QPS	ZG	0.00	825.00	1.41	825.00
0	1043	-174	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	2069	2070	S	208	QPS	ZG	0.00	806.25	0.61	806.25
0	1126	1125	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	2127	2126	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	-214	-219	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	1019	1020	S	108	QPS	ZG	0.00	397.50	0.47	397.50
0	3019	3020	S	300	QPS	ZG	0.00	687.50	1.15	687.50	0	3019	3020	S	304	QPS	ZG	0.00	687.50	1.15	687.50
0	3020	-322	S	300	QPS	ZG	0.00	687.50	0.76	687.50	0	3020	-322	S	304	QPS	ZG	0.00	687.50	0.76	687.50
0	2007	2008	S	202	QPS	ZG	0.00	687.50	1.45	687.50	0	2007	2008	S	202	QPS	ZG	1.45	687.50	1.75	356.25
0	-255	-256	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-255	-256	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-256	-257	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-256	-257	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-307	-308	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	1054	-188	S	109	QPS	ZG	0.00	967.50	1.00	967.50
0	-273	-269	S	208	QPS	ZG	0.00	806.25	1.38	806.25	0	3010	3011	S	300	QPS	ZG	0.00	687.50	1.45	687.50
0	3010	3011	S	301	QPS	ZG	0.00	375.00	1.75	375.00	0	3010	3011	S	300	QPS	ZG	1.45	687.50	1.75	356.25
0	-227	-228	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	1073	1072	S	104	QPS	ZG	0.00	570.00	0.90	570.00
0	-282	2066	S	207	QPS	ZG	0.00	850.00	1.34	850.00	0	-282	2066	S	208	QPS	ZG	0.00	806.25	1.34	806.25
0	2126	2125	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	-306	-307	S	203	QPS	ZG	0.00	837.50	1.46	837.50
0	-188	-344	S	109	QPS	ZG	0.00	967.50	0.95	967.50	0	-179	1043	S	106	QPS	ZG	0.00	757.50	1.27	757.50
0	-179	1043	S	107	QPS	ZG	0.00	825.00	1.27	825.00	0	-156	-157	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-156	-157	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	1067	1054	S	109	QPS	ZG	0.00	967.50	1.50	967.50
0	-345	2044	S	208	QPS	ZG	0.00	806.25	0.05	806.25	0	-157	-158	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-157	-158	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	3021	-323	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	3021	-323	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	1045	1044	S	106	QPS	ZG	0.00	757.50	1.25	757.50
0	1045	1044	S	107	QPS	ZG	0.00	825.00	1.25	825.00	0	-275	2044	S	200	QPS	ZG	0.00	631.25	1.27	631.25
0	-275																				



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2128	2127	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	1071	-211	S	103	QPS	ZG	0.00	375.00	1.27	375.00
0	-257	-258	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-257	-258	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-219	1102	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	2085	2103	S	211	QPS	ZG	0.00	312.50	3.15	312.50
0	-205	1073	S	104	QPS	ZG	0.00	570.00	1.25	570.00	0	3027	-336	S	302	QPS	ZG	0.00	375.00	1.38	375.00
0	2129	2128	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-211	-215	S	103	QPS	ZG	0.00	375.00	1.27	375.00
0	-180	-179	S	106	QPS	ZG	0.00	757.50	1.27	757.50	0	-180	-179	S	107	QPS	ZG	0.00	825.00	1.27	825.00
0	-308	2114	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	-215	1088	S	103	QPS	ZG	0.00	375.00	1.27	375.00
0	2070	2085	S	211	QPS	ZG	0.00	312.50	1.30	312.50	0	2072	-294	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	2072	-294	S	211	QPS	ZG	0.00	312.50	1.27	312.50	0	-294	-297	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	-294	-297	S	211	QPS	ZG	0.00	312.50	1.27	312.50	0	1044	-180	S	106	QPS	ZG	0.00	757.50	1.17	757.50
0	1044	-180	S	107	QPS	ZG	0.00	825.00	1.17	825.00	0	1102	1113	S	103	QPS	ZG	0.00	375.00	0.85	375.00
0	2103	2114	S	211	QPS	ZG	0.00	312.50	0.85	312.50	0	-158	1032	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-158	1032	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	2044	-273	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	1084	-214	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	-325	-326	S	300	QPS	ZG	0.00	687.50	1.41	687.50
0	-325	-326	S	304	QPS	ZG	0.00	687.50	1.41	687.50	0	2045	-276	S	200	QPS	ZG	0.00	631.25	1.17	631.25
0	2045	-276	S	201	QPS	ZG	0.00	687.50	1.17	687.50	0	1088	1103	S	103	QPS	ZG	0.00	375.00	1.12	375.00
0	1089	1088	S	104	QPS	ZG	0.00	570.00	1.20	570.00	0	1032	-159	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	1032	-159	S	108	QPS	ZG	0.30	397.50	1.41	397.50	0	1032	-159	S	108	QPS	ZG	0.00	825.00	0.30	825.00
0	-324	-325	S	300	QPS	ZG	0.00	687.50	1.41	687.50	0	-324	-325	S	304	QPS	ZG	0.00	687.50	1.41	687.50
0	-281	-345	S	208	QPS	ZG	0.00	806.25	0.95	806.25	0	2068	2055	S	208	QPS	ZG	0.00	806.25	1.50	806.25
0	2033	2020	S	202	QPS	ZG	0.00	77.34	2.67	40.07	0	-181	1045	S	106	QPS	ZG	0.00	757.50	0.65	757.50
0	-181	1045	S	107	QPS	ZG	0.00	825.00	0.65	825.00	0	-322	3021	S	300	QPS	ZG	0.00	687.50	0.76	687.50
0	-322	3021	S	304	QPS	ZG	0.00	687.50	0.76	687.50	0	2132	2131	S	203	QPS	ZG	0.00	837.50	0.60	837.50
0	-323	-324	S	300	QPS	ZG	0.00	687.50	0.70	687.50	0	-323	-324	S	304	QPS	ZG	0.00	687.50	0.70	687.50
0	-203	1067	S	109	QPS	ZG	0.00	967.50	0.78	967.50	0	1074	-203	S	109	QPS	ZG	0.00	967.50	0.78	967.50
0	-337	3027	S	303	QPS	ZG	0.00	375.00	1.27	375.00	0	-337	3027	S	304	QPS	ZG	0.00	687.50	1.27	687.50
0	1127	1126	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	-338	-337	S	303	QPS	ZG	0.00	375.00	1.27	375.00
0	-338	-337	S	304	QPS	ZG	0.00	687.50	1.27	687.50	0	1128	1127	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	1129	-242	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	1020	1021	S	108	QPS	ZG	0.00	397.50	1.20	397.50
0	-228	1113	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-242	1128	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	2046	2045	S	200	QPS	ZG	0.00	631.25	1.25	631.25	0	2046	2045	S	201	QPS	ZG	0.00	687.50	1.25	687.50
0	1074	-205	S	104	QPS	ZG	0.00	570.00	1.25	570.00	0	-290	2068	S	208	QPS	ZG	0.00	806.25	0.78	806.25
0	-348	-229	S	102	QPS	ZG	0.00	1005.00	0.70	1005.00	0	-297	2089	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	-297	2089	S	211	QPS	ZG	0.00	312.50	1.27	312.50	0	1021	1022	S	108	QPS	ZG	0.00	397.50	0.84	397.50
0	2047	2046	S	200	QPS	ZG	0.00	631.25	1.50	631.25	0	2047	2046	S	201	QPS	ZG	0.00	687.50	1.50	687.50
0	-258	2033	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-258	2033	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-206	1074	S	105	QPS	ZG	0.00	570.00	1.33	570.00	0	-206	1074	S	106	QPS	ZG	0.00	757.50	1.33	757.50
0	-159	-160	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	-159	-160	S	108	QPS	ZG	0.00	397.50	1.41	397.50
0	-327	3022	S	300	QPS	ZG	0.00	687.50	1.41	687.50	0	-327	3022	S	304	QPS	ZG	0.00	687.50	1.41	687.50
0	-316	2129	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	1113	-348	S	102	QPS	ZG	0.00	1005.00	0.55	1005.00
0	-207	-206	S	105	QPS	ZG	0.00	570.00	1.33	570.00	0	-207	-206	S	106	QPS	ZG	0.00	757.50	1.33	757.50
0	2075	-290	S	208	QPS	ZG	0.00	806.25	0.78	806.25	0	-229	1114	S	102	QPS	ZG	0.00	1005.00	1.25	1005.00
0	1046	-181	S	106	QPS	ZG	0.00	757.50	0.85	757.50	0	1046	-181	S	107	QPS	ZG	0.00	825.00	0.85	825.00
0	3016	-321	S	305	QPS	ZG	0.00	315.00	1.32	333.75	0	3016	-321	S	306	QPS	ZG	0.00	375.00	1.32	375.00
0	1103	-353	S	103	QPS	ZG	0.00	375.00	0.33	375.00	0	1130	1129	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	2131	2130	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-277	2047	S	200	QPS	ZG	0.00	631.25	1.47	631.25
0	-277	2047	S	201	QPS	ZG	0.00	687.50	1.47	687.50	0	3013	3022	S	300	QPS	ZG	0.00	40.07	2.67	77.34
0	3013	3022	S	305	QPS	ZG	0.00	313.00	2.67	350.26	0	3029	3028	S	303	QPS	ZG	0.00	375.00	1.25	375.00
0	3029	3028	S	304	QPS	ZG	0.00	687.50	1.25	687.50	0	3030	3029	S	303	QPS	ZG	0.00	375.00	1.50	375.00
0	3030	3029	S	304	QPS	ZG	0.00	687.50	1.50	687.50	0	-353	1114	S	103	QPS	ZG	0.00	375.00	0.05	375.00
0	1090	1089	S	104	QPS	ZG	0.00	570.00	1.45	570.00	0	2114	2115	S	203	QPS	ZG	0.00	837.50	2.50	837.50
0	-298	-295	S	209	QPS	ZG	0.00	1081.25	1.27	1081.25	0	-298	-295	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	-182	1046	S	106	QPS	ZG	0.00	757.50	1.47	757.50	0	-182	1046	S	107	QPS	ZG	0.00	825.00	1.47	825.00
0	1091	1090	S	104	QPS	ZG	0.00	570.00	1.30	570.00	0	2089	2104	S	211	QPS	ZG	0.00	312.50	1.12	312.50
0	-326	-327	S	300	QPS	ZG	0.00	687.50	1.41	687.50	0	-326	-327	S	304	QPS	ZG	0.00	687.50	1.41	687.50
0	1078	1077	S	105	QPS	ZG	0.00	570.00	0.95	570.00	0	1078	1077	S	106	QPS	ZG	0.00	757.50	0.95	757.50
0	2076	2075	S	200	QPS	ZG	0.00	631.25	4.00	631.25	0	1131	1130	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00
0	1092	1091	S	105	QPS	ZG	0.00	570.00	0.89	570.00	0	-329	3022	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	-332	-329	S	305	QPS	ZG	0.00	352.50	1.03	352.50	0	-321	-328	S	305	QPS	ZG	0.00	333.75	1.32	352.50
0	-321	-328	S	306	QPS	ZG	0.00	375.00	1.32	375.00	0	2134	2133	S	203	QPS	ZG	0.00	837.50	0.60	837.50
0	3028	-338	S	303	QPS	ZG	0.00	375.00	1.17	375.00	0	3028	-338	S	304	QPS	ZG	0.00	687.50	1.17	687.50
0	-354	2115	S	211	QPS	ZG	0.00	312.50	0.05	312.50	0	-295	2075	S	209	QPS	ZG	0.00	1081.25	1.27	1081.25
0	-295	2075	S	210	QPS	ZG	0.00	493.75	1.27	493.75	0	2104	-354	S	211	QPS	ZG	0.00	312.50	0.33	312.50
0	-271	2037	S	201	QPS	ZG	0.00	300.00	1.41	300.00	0	-328	-330	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	-328	-330	S	306	QPS	ZG	0.00	375.00	1.03	375.00	0	2133	2132	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	-278	-277	S	200	QPS	ZG	0.00	631.25	1.47	631.25	0	-278	-277	S	201	QPS	ZG	0.00	687.50	1.47	687.50
0	3023	-332	S																		



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	2130	-316	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	-183	-182	S	106	QPS	ZG	0.00	757.50	1.47	757.50
0	-183	-182	S	107	QPS	ZG	0.00	825.00	1.47	825.00	0	1133	1132	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00
0	1076	1075	S	105	QPS	ZG	0.00	570.00	0.60	570.00	0	1076	1075	S	106	QPS	ZG	0.00	757.50	0.60	757.50
0	-339	3030	S	303	QPS	ZG	0.00	375.00	1.47	375.00	0	-339	3030	S	304	QPS	ZG	0.00	687.50	1.47	687.50
0	-335	3023	S	304	QPS	ZG	0.00	300.00	1.41	300.00	0	1047	-183	S	106	QPS	ZG	0.00	757.50	1.47	757.50
0	1047	-183	S	107	QPS	ZG	0.00	825.00	1.47	825.00	0	2038	-271	S	201	QPS	ZG	0.00	300.00	1.41	300.00
0	1077	1076	S	105	QPS	ZG	0.00	570.00	0.70	570.00	0	1077	1076	S	106	QPS	ZG	0.00	757.50	0.70	757.50
0	2135	2134	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	1093	1092	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	1094	1093	S	105	QPS	ZG	0.00	570.00	0.27	570.00	0	1049	1048	S	106	QPS	ZG	0.00	757.50	0.75	757.50
0	1049	1048	S	107	QPS	ZG	0.00	825.00	0.75	825.00	0	2048	-278	S	200	QPS	ZG	0.00	631.25	1.47	631.25
0	2048	-278	S	201	QPS	ZG	1.17	687.50	1.47	687.50	0	2048	-278	S	201	QPS	ZG	0.00	300.00	1.17	300.00
0	-340	-339	S	303	QPS	ZG	0.00	375.00	1.47	375.00	0	-340	-339	S	304	QPS	ZG	0.00	687.50	1.47	687.50
0	-317	2135	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	-208	1078	S	105	QPS	ZG	0.00	570.00	1.20	570.00
0	-208	1078	S	106	QPS	ZG	0.00	757.50	1.20	757.50	0	2077	2076	S	200	QPS	ZG	0.00	631.25	0.60	631.25
0	1134	1133	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	1048	1047	S	106	QPS	ZG	0.00	757.50	0.90	757.50
0	1048	1047	S	107	QPS	ZG	0.00	825.00	0.90	825.00	0	2050	2049	S	200	QPS	ZG	0.00	631.25	0.75	631.25
0	2050	2049	S	201	QPS	ZG	0.00	300.00	0.75	300.00	0	-333	3024	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	-333	3024	S	306	QPS	ZG	0.00	375.00	1.03	375.00	0	1095	1094	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	2049	2048	S	200	QPS	ZG	0.00	631.25	0.90	631.25	0	2049	2048	S	201	QPS	ZG	0.00	300.00	0.90	300.00
0	-243	1134	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	1096	1095	S	105	QPS	ZG	0.00	570.00	0.27	570.00
0	-330	-333	S	305	QPS	ZG	0.00	352.50	1.03	352.50	0	-330	-333	S	306	QPS	ZG	0.00	375.00	1.03	375.00
0	-209	1079	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	3024	3025	S	306	QPS	ZG	0.00	375.00	0.33	375.00
0	3032	3031	S	303	QPS	ZG	0.00	375.00	0.90	375.00	0	3032	3031	S	304	QPS	ZG	0.00	300.00	0.90	300.00
0	3025	3033	S	306	QPS	ZG	0.00	375.00	2.08	375.00	0	3033	3032	S	303	QPS	ZG	0.00	375.00	0.75	375.00
0	3033	3032	S	304	QPS	ZG	0.00	300.00	0.75	300.00	0	1135	-243	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	2136	-317	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	1079	-208	S	105	QPS	ZG	0.00	570.00	1.20	570.00
0	1079	-208	S	106	QPS	ZG	0.00	757.50	1.20	757.50	0	2078	2077	S	200	QPS	ZG	0.00	631.25	0.70	631.25
0	3024	-335	S	304	QPS	ZG	0.00	300.00	1.41	300.00	0	2079	2078	S	200	QPS	ZG	0.00	631.25	0.95	631.25
0	2080	2079	S	200	QPS	ZG	0.00	631.25	2.40	631.25	0	1097	1096	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	1098	1097	S	105	QPS	ZG	0.00	570.00	0.27	570.00	0	-210	-209	S	106	QPS	ZG	0.00	757.50	1.29	757.50
0	3031	-340	S	303	QPS	ZG	0.00	375.00	1.47	375.00	0	3031	-340	S	304	QPS	ZG	1.17	687.50	1.47	687.50
0	3031	-340	S	304	QPS	ZG	0.00	300.00	1.17	300.00	0	1099	1098	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	1080	-210	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	2084	2087	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25
0	-293	-292	S	200	QPS	ZG	0.00	631.25	1.29	631.25	0	1100	1099	S	105	QPS	ZG	0.00	570.00	1.15	570.00
0	2080	2084	S	209	QPS	ZG	0.00	1081.25	0.80	1081.25	0	-292	2080	S	200	QPS	ZG	0.00	631.25	1.29	631.25
0	2087	-300	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25	0	2081	-293	S	200	QPS	ZG	0.00	631.25	1.29	631.25
0	-300	2101	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25											

## Condizione di carico n. 2: Permanenti Non Strutturali

## Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf
							<m>	<daN/m>	<m>	<daN/m>								<m>	<daN/m>	<m>	<daN/m>
0	-142	1009	S	112	QPN	ZG	0.00	639.00	1.07	639.00	0	-146	-142	S	112	QPN	ZG	0.00	639.00	1.07	639.00
0	1025	-146	S	112	QPN	ZG	0.00	639.00	1.07	639.00	0	-152	1025	S	112	QPN	ZG	0.00	639.00	1.30	639.00
0	-247	2009	S	205	QPN	ZG	0.00	550.25	1.07	550.25	0	1033	-152	S	112	QPN	ZG	0.00	639.00	1.30	639.00
0	-250	-247	S	205	QPN	ZG	0.00	550.25	1.07	550.25	0	2026	-250	S	205	QPN	ZG	0.00	550.25	1.07	550.25
0	2034	2026	S	205	QPN	ZG	0.00	550.25	2.60	550.25	0	-265	2034	S	205	QPN	ZG	0.00	550.25	1.03	550.25
0	-167	1033	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	-171	-167	S	112	QPN	ZG	0.00	639.00	1.03	639.00
0	-270	-265	S	205	QPN	ZG	0.00	550.25	1.03	550.25	0	1010	1011	S	112	QPN	ZG	0.00	639.00	0.85	639.00
0	1041	-171	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	1042	1041	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	2042	-270	S	205	QPN	ZG	0.00	550.25	1.03	550.25	0	1011	-145	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1011	-145	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	-145	1024	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	-145	1024	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	1024	1026	S	111	QPN	ZG	0.00	612.00	0.85	612.00
0	1024	1026	S	112	QPN	ZG	0.00	639.00	0.85	639.00	0	2010	2011	S	205	QPN	ZG	0.00	550.25	0.85	550.25
0	-249	2025	S	205	QPN	ZG	0.00	550.25	1.15	550.25	0	-249	2025	S	206	QPN	ZG	0.00	527.00	1.15	527.00
0	1050	1042	S	112	QPN	ZG	0.00	639.00	0.95	639.00	0	1026	-162	S	111	QPN	ZG	0.00	612.00	1.40	612.00
0	1026	-162	S	112	QPN	ZG	0.00	639.00	1.40	639.00	0	2011	-249	S	205	QPN	ZG	0.00	550.25	1.15	550.25
0	2011	-249	S	206	QPN	ZG	0.00	527.00	1.15	527.00	0	1055	1050	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	1056	1055	S	112	QPN	ZG	0.00	639.00	0.75	639.00	0	2051	2043	S	205	QPN	ZG	0.00	550.25	0.95	550.25
0	2056	2051	S	205	QPN	ZG	0.00	550.25	1.45	550.25	0	-162	-166	S	111	QPN	ZG	0.00	612.00	1.40	612.00
0	-162	-166	S	112	QPN	ZG	0.00	639.00	1.40	639.00	0	2057	2056	S	205	QPN	ZG	0.00	550.25	0.75	550.25
0	2025	2027	S	205	QPN	ZG	0.00	550.25	0.85	550.25	0	2025	2027	S	206	QPN	ZG	0.00	527.00	0.85	527.00
0	2027	-260	S	205	QPN	ZG	0.00	550.25	1.40	550.25	0	2027	-260	S	206	QPN	ZG	0.00	527.00	1.40	527.00
0	-260	-264	S	205	QPN	ZG	0.00	550.25	1.40	550.25	0	-260	-264	S	206	QPN	ZG	0.00	527.00	1.40	527.00
0	-201	1056	S	100	QPN	ZG	0.00	639.00	1.18	639.00	0	-264	2039	S	205	QPN	ZG	0.00	550.25	1.40	550.25
0	-264	2039	S	206	QPN	ZG	0.00	527.00	1.40	527.00	0	1082	-201	S	100	QPN	ZG	0.00	639.00	1.18	639.00
0	2083	-288	S	204	QPN	ZG	0.00	550.25	1.18	550.25	0	2043	2042	S	205	QPN	ZG	0.00	550.25	1.45	550.25
0	-166	1038	S	111	QPN	ZG	0.00	612.00	1.40	612.00	0	-166	1038	S	112	QPN	ZG	0.00	639.00	1.40	639.00





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	1012	-143	S	110	QPN	ZG	0.00	612.00	1.05	612.00	0	1012	-143	S	111	QPN	ZG	0.00	612.00	1.05	612.00
0	1038	-175	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	1038	-175	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	-143	1023	S	110	QPN	ZG	0.00	612.00	1.15	612.00	0	-143	1023	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1085	1082	S	100	QPN	ZG	0.00	639.00	1.50	639.00	0	2086	2083	S	204	QPN	ZG	0.00	550.25	1.50	550.25
0	2039	2052	S	205	QPN	ZG	0.00	550.25	3.65	550.25	0	2039	2052	S	206	QPN	ZG	0.00	527.00	3.65	527.00
0	1023	-151	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	1023	-151	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	-175	-184	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-175	-184	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	2088	2086	S	204	QPN	ZG	0.00	550.25	0.90	550.25	0	2012	2018	S	206	QPN	ZG	0.00	527.00	1.05	527.00
0	2012	2018	S	207	QPN	ZG	0.00	527.00	1.05	527.00	0	2018	2024	S	206	QPN	ZG	0.00	527.00	1.15	527.00
0	2018	2024	S	207	QPN	ZG	0.00	527.00	1.15	527.00	0	-288	2057	S	204	QPN	ZG	0.00	550.25	1.18	550.25
0	-184	1051	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-184	1051	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	-151	-161	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	-151	-161	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	1087	1085	S	100	QPN	ZG	0.00	639.00	0.90	639.00	0	1101	1087	S	100	QPN	ZG	0.00	639.00	1.50	639.00
0	2102	2088	S	204	QPN	ZG	0.00	550.25	1.50	550.25	0	-161	1034	S	110	QPN	ZG	0.00	612.00	1.17	612.00
0	-161	1034	S	111	QPN	ZG	0.00	612.00	1.17	612.00	0	1051	-190	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	1051	-190	S	112	QPN	ZG	0.00	639.00	0.82	639.00	0	-190	1059	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	-190	1059	S	112	QPN	ZG	0.00	639.00	0.82	639.00	0	-283	2060	S	205	QPN	ZG	0.00	550.25	0.82	550.25
0	-283	2060	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	1104	1101	S	100	QPN	ZG	0.00	639.00	1.10	639.00
0	1034	-169	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	1034	-169	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	1115	1104	S	101	QPN	ZG	0.00	639.00	0.25	639.00	0	2105	2102	S	204	QPN	ZG	0.00	550.25	1.10	550.25
0	1059	-200	S	100	QPN	ZG	0.00	639.00	1.15	639.00	0	2052	-283	S	205	QPN	ZG	0.00	550.25	0.82	550.25
0	2052	-283	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	2024	2035	S	206	QPN	ZG	0.00	527.00	3.50	527.00
0	2024	2035	S	207	QPN	ZG	0.00	527.00	3.50	527.00	0	-169	1039	S	110	QPN	ZG	0.00	612.00	0.82	612.00
0	-169	1039	S	111	QPN	ZG	0.00	612.00	0.82	612.00	0	2035	-268	S	206	QPN	ZG	0.00	527.00	0.82	527.00
0	2035	-268	S	207	QPN	ZG	0.00	527.00	0.82	527.00	0	-268	2040	S	206	QPN	ZG	0.00	527.00	0.82	527.00
0	-268	2040	S	207	QPN	ZG	0.00	527.00	0.82	527.00	0	1117	1115	S	101	QPN	ZG	0.00	639.00	1.45	639.00
0	1039	-176	S	110	QPN	ZG	0.00	612.00	1.22	612.00	0	1039	-176	S	111	QPN	ZG	0.00	612.00	1.22	612.00
0	-302	2105	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	1015	-147	S	110	QPN	ZG	0.00	612.00	1.38	580.50
0	1015	-147	S	110	QPN	ZG	0.00	612.00	1.38	612.00	0	-200	1081	S	100	QPN	ZG	0.00	639.00	1.15	639.00
0	2060	2082	S	204	QPN	ZG	0.00	550.25	2.30	550.25	0	-234	1117	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	1081	-213	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	2082	-296	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	2015	2029	S	207	QPN	ZG	0.00	527.00	4.15	527.00	0	2015	2029	S	208	QPN	ZG	0.00	499.88	4.15	499.88
0	-303	-302	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	-147	-149	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	-147	-149	S	110	QPN	ZG	0.00	612.00	1.38	612.00	0	-176	-185	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-176	-185	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-237	-234	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-304	-303	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	-185	1052	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-185	1052	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	2106	-304	S	203	QPN	ZG	0.00	519.25	1.27	519.25
0	-149	1028	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	-149	1028	S	110	QPN	ZG	0.00	612.00	1.38	612.00
0	1028	-163	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	1028	-163	S	110	QPN	ZG	0.00	612.00	0.90	612.00
0	2040	2053	S	206	QPN	ZG	0.00	527.00	3.65	527.00	0	2040	2053	S	207	QPN	ZG	0.00	527.00	3.65	527.00
0	-213	-217	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	-217	-220	S	100	QPN	ZG	0.00	639.00	1.26	639.00
0	-296	-299	S	204	QPN	ZG	0.00	550.25	1.26	550.25	0	-240	-237	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-163	1035	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	-163	1035	S	110	QPN	ZG	0.00	612.00	0.90	612.00
0	1052	-191	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	1052	-191	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	-191	1062	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	-191	1062	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	2053	-284	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	2053	-284	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	-284	2063	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	-284	2063	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	1001	-123	S	108	QPN	ZG	0.00	495.00	0.90	495.00	0	1107	1116	S	101	QPN	ZG	0.00	639.00	0.30	639.00
0	-224	1108	S	102	QPN	ZG	0.00	603.00	0.78	603.00	0	1118	-240	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-123	1002	S	108	QPN	ZG	0.00	495.00	0.90	495.00	0	2107	2106	S	203	QPN	ZG	0.00	519.25	1.00	519.25
0	1107	-224	S	102	QPN	ZG	0.00	603.00	0.78	603.00	0	-299	-301	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	2108	2109	S	203	QPN	ZG	0.00	519.25	1.55	519.25	0	1002	1003	S	108	QPN	ZG	0.00	495.00	1.15	495.00
0	1035	-173	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	1035	-173	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	1108	1109	S	102	QPN	ZG	0.00	603.00	0.90	603.00	0	-301	2108	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	-144	1017	S	109	QPN	ZG	0.00	580.50	1.08	580.50	0	1027	-148	S	109	QPN	ZG	0.00	580.50	1.08	580.50
0	-248	2017	S	208	QPN	ZG	0.00	499.88	1.08	499.88	0	2002	2003	S	202	QPN	ZG	0.00	495.00	1.15	495.00
0	-272	-274	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-272	-274	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	2121	2120	S	203	QPN	ZG	0.00	519.25	3.00	519.25	0	-148	-144	S	109	QPN	ZG	0.00	580.50	1.08	580.50
0	-220	1107	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	2001	2002	S	202	QPN	ZG	0.00	495.00	1.80	495.00
0	2120	2119	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	2036	-272	S	207	QPN	ZG	0.00	527.00	1.34	527.00
0	2036	-272	S	208	QPN	ZG	0.00	499.88	1.34	499.88	0	1116	-231	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	-231	-233	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-233	-236	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	2108	2107	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	2109	2110	S	203	QPN	ZG	0.00	519.25	0.90	519.25
0	1004	1005	S	108	QPN	ZG	0.00	495.00	1.20	495.00	0	2004	2005	S	202	QPN	ZG	0.00	495.00	1.20	495.00
0	1029	1027	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	3005	3006	S	300	QPN	ZG	0.00	426.25	1.15	426.25
0	3005	3006	S	301	QPN	ZG	0.00	232.50	1.15	232.50	0	-173	-178	S	109	QPN	ZG	0.00	580.50	1.34	580.50
0	-173	-178	S	110	QPN	ZG															



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
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0	-274	-279	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-274	-279	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	1110	1111	S	102	QPN	ZG	0.00	603.00	0.95	603.00	0	2111	2112	S	203	QPN	ZG	0.00	519.25	0.95	519.25
0	1005	1006	S	108	QPN	ZG	0.00	495.00	1.45	495.00	0	2003	2004	S	202	QPN	ZG	0.00	495.00	1.45	495.00
0	1109	1110	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	1029	1030	S	107	QPN	ZG	0.00	495.00	1.15	495.00
0	1029	1030	S	108	QPN	ZG	0.00	495.00	1.15	495.00	0	3004	3005	S	300	QPN	ZG	0.00	426.25	1.80	426.25
0	3004	3005	S	301	QPN	ZG	0.00	232.50	1.80	232.50	0	-236	-239	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	1111	1112	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	3006	3007	S	300	QPN	ZG	0.00	426.25	1.45	426.25
0	3006	3007	S	301	QPN	ZG	0.00	232.50	1.45	232.50	0	2028	-251	S	208	QPN	ZG	0.00	499.88	1.08	499.88
0	2123	2122	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-251	-248	S	208	QPN	ZG	0.00	499.88	1.08	499.88
0	3012	3004	S	302	QPN	ZG	0.00	232.50	1.35	232.50	0	3018	-320	S	302	QPN	ZG	0.00	232.50	1.08	232.50
0	2110	2111	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-165	1029	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	2030	2028	S	208	QPN	ZG	0.00	499.88	0.90	499.88	0	-263	2030	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	1030	-153	S	107	QPN	ZG	0.00	495.00	0.76	495.00	0	1030	-153	S	108	QPN	ZG	0.00	495.00	0.76	495.00
0	-320	-319	S	302	QPN	ZG	0.00	232.50	1.08	232.50	0	3019	3018	S	302	QPN	ZG	0.00	232.50	0.90	232.50
0	3008	3009	S	300	QPN	ZG	0.00	426.25	1.45	426.25	0	3008	3009	S	301	QPN	ZG	0.00	232.50	1.45	232.50
0	-186	-189	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	-186	-189	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	2112	2113	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-189	1065	S	109	QPN	ZG	0.00	580.50	1.34	580.50
0	-189	1065	S	110	QPN	ZG	0.00	612.00	1.34	612.00	0	-170	-165	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	-153	1031	S	107	QPN	ZG	0.00	495.00	0.76	495.00	0	-153	1031	S	108	QPN	ZG	0.00	495.00	0.76	495.00
0	2066	2069	S	208	QPN	ZG	0.00	499.88	1.44	499.88	0	-154	-155	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	-154	-155	S	108	QPN	ZG	0.00	495.00	0.70	495.00	0	-319	3012	S	302	QPN	ZG	0.00	232.50	1.08	232.50
0	-239	1123	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-253	2032	S	201	QPN	ZG	0.00	495.00	0.76	495.00
0	-253	2032	S	202	QPN	ZG	0.00	495.00	0.76	495.00	0	-331	3019	S	302	QPN	ZG	0.00	232.50	1.38	232.50
0	1006	1007	S	108	QPN	ZG	0.00	495.00	1.20	495.00	0	1065	1068	S	109	QPN	ZG	0.00	580.50	1.44	580.50
0	1068	1069	S	109	QPN	ZG	0.00	580.50	0.61	580.50	0	-279	-282	S	207	QPN	ZG	0.00	527.00	1.34	527.00
0	-279	-282	S	208	QPN	ZG	0.00	499.88	1.34	499.88	0	2124	2123	S	203	QPN	ZG	0.00	519.25	0.70	519.25
0	1112	-225	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	1031	-154	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	1031	-154	S	108	QPN	ZG	0.00	495.00	0.70	495.00	0	1124	1123	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	2122	2121	S	203	QPN	ZG	0.00	519.25	0.95	519.25	0	-174	-170	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	2030	2031	S	201	QPN	ZG	0.00	495.00	1.15	495.00	0	2030	2031	S	202	QPN	ZG	0.00	495.00	1.15	495.00
0	-334	-331	S	302	QPN	ZG	0.00	232.50	1.38	232.50	0	2125	2124	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	1007	-124	S	108	QPN	ZG	0.00	495.00	0.88	495.00	0	2005	2006	S	202	QPN	ZG	0.00	495.00	1.45	495.00
0	3007	3008	S	300	QPN	ZG	0.00	426.25	1.20	426.25	0	3007	3008	S	301	QPN	ZG	0.00	232.50	1.20	232.50
0	2031	-253	S	201	QPN	ZG	0.00	495.00	0.76	495.00	0	2031	-253	S	202	QPN	ZG	0.00	495.00	0.76	495.00
0	-344	1043	S	109	QPN	ZG	0.00	580.50	0.05	580.50	0	-269	-263	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	3009	3010	S	300	QPN	ZG	0.00	426.25	1.20	426.25	0	3009	3010	S	301	QPN	ZG	0.00	232.50	1.20	232.50
0	2032	-254	S	201	QPN	ZG	0.00	495.00	0.70	495.00	0	2032	-254	S	202	QPN	ZG	0.00	495.00	0.70	495.00
0	-254	-255	S	201	QPN	ZG	0.00	495.00	0.70	495.00	0	-254	-255	S	202	QPN	ZG	0.00	495.00	0.70	495.00
0	-225	-226	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-226	-227	S	102	QPN	ZG	0.00	603.00	1.46	603.00
0	-305	-306	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	2006	2007	S	202	QPN	ZG	0.00	495.00	1.20	495.00
0	2113	-305	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	-124	1008	S	108	QPN	ZG	0.00	495.00	0.88	495.00
0	1125	1124	S	102	QPN	ZG	0.00	603.00	0.95	603.00	0	1069	1084	S	103	QPN	ZG	0.00	225.00	1.30	225.00
0	-155	-156	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-155	-156	S	108	QPN	ZG	0.00	495.00	1.41	495.00
0	1043	-174	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	2069	2070	S	208	QPN	ZG	0.00	499.88	0.61	499.88
0	1126	1125	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	2127	2126	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	-214	-219	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	1019	1020	S	108	QPN	ZG	0.00	238.50	0.47	238.50
0	3019	3020	S	300	QPN	ZG	0.00	426.25	1.15	426.25	0	3019	3020	S	304	QPN	ZG	0.00	426.25	1.15	426.25
0	3020	-322	S	300	QPN	ZG	0.00	426.25	0.76	426.25	0	3020	-322	S	304	QPN	ZG	0.00	426.25	0.76	426.25
0	2007	2008	S	202	QPN	ZG	0.00	495.00	1.45	495.00	0	2007	2008	S	202	QPN	ZG	1.45	495.00	1.75	256.50
0	-255	-256	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-255	-256	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-256	-257	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-256	-257	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-307	-308	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	1054	-188	S	109	QPN	ZG	0.00	580.50	1.00	580.50
0	-273	-269	S	208	QPN	ZG	0.00	499.88	1.38	499.88	0	3010	3011	S	300	QPN	ZG	0.00	426.25	1.45	426.25
0	3010	3011	S	301	QPN	ZG	0.00	232.50	1.75	232.50	0	3010	3011	S	300	QPN	ZG	1.45	426.25	1.75	220.88
0	-227	-228	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	1073	1072	S	104	QPN	ZG	0.00	342.00	0.90	342.00
0	-282	2066	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-282	2066	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	2126	2125	S	203	QPN	ZG	0.00	519.25	0.95	519.25	0	-306	-307	S	203	QPN	ZG	0.00	519.25	1.46	519.25
0	-188	-344	S	109	QPN	ZG	0.00	580.50	0.95	580.50	0	-179	1043	S	106	QPN	ZG	0.00	454.50	1.27	454.50
0	-179	1043	S	107	QPN	ZG	0.00	495.00	1.27	495.00	0	-156	-157	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-156	-157	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	1067	1054	S	109	QPN	ZG	0.00	580.50	1.50	580.50
0	-345	2044	S	208	QPN	ZG	0.00	499.88	0.05	499.88	0	-157	-158	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-157	-158	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	3021	-323	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	3021	-323	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	1045	1044	S	106	QPN	ZG	0.00	454.50	1.25	454.50
0	1045	1044	S	107	QPN	ZG	0.00	495.00	1.25	495.00	0	-275	2044	S	200	QPN	ZG	0.00	454.50	1.27	454.50
0	-275	2044	S	201	QPN	ZG	0.00	495.00	1.27	495.00	0	1072	1071	S	104	QPN	ZG	0.00	342.00	0.55	342.00
0	2055	-281	S	208	QPN	ZG	0.00	499.88	1.00	499.88	0	-276	-275	S	200	QPN	ZG	0.00	454.50	1.27	454.50
0	-276	-275	S	201	QPN	ZG</															



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
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0	-219	1102	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	2085	2103	S	211	QPN	ZG	0.00	193.75	3.15	193.75
0	-205	1073	S	104	QPN	ZG	0.00	342.00	1.25	342.00	0	3027	-336	S	302	QPN	ZG	0.00	232.50	1.38	232.50
0	2129	2128	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-211	-215	S	103	QPN	ZG	0.00	225.00	1.27	225.00
0	-180	-179	S	106	QPN	ZG	0.00	454.50	1.27	454.50	0	-180	-179	S	107	QPN	ZG	0.00	495.00	1.27	495.00
0	-308	2114	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	-215	1088	S	103	QPN	ZG	0.00	225.00	1.27	225.00
0	2070	2085	S	211	QPN	ZG	0.00	193.75	1.30	193.75	0	2072	-294	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	2072	-294	S	211	QPN	ZG	0.00	193.75	1.27	193.75	0	-294	-297	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	-294	-297	S	211	QPN	ZG	0.00	193.75	1.27	193.75	0	1044	-180	S	106	QPN	ZG	0.00	454.50	1.17	454.50
0	1044	-180	S	107	QPN	ZG	0.00	495.00	1.17	495.00	0	1102	1113	S	103	QPN	ZG	0.00	225.00	0.85	225.00
0	2103	2114	S	211	QPN	ZG	0.00	193.75	0.85	193.75	0	-158	1032	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-158	1032	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	2044	-273	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	1084	-214	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	-325	-326	S	300	QPN	ZG	0.00	426.25	1.41	426.25
0	-325	-326	S	304	QPN	ZG	0.00	426.25	1.41	426.25	0	2045	-276	S	200	QPN	ZG	0.00	454.50	1.17	454.50
0	2045	-276	S	201	QPN	ZG	0.00	495.00	1.17	495.00	0	1088	1103	S	103	QPN	ZG	0.00	225.00	1.12	225.00
0	1089	1088	S	104	QPN	ZG	0.00	342.00	1.20	342.00	0	1032	-159	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	1032	-159	S	108	QPN	ZG	0.30	238.50	1.41	238.50	0	1032	-159	S	108	QPN	ZG	0.00	495.00	0.30	495.00
0	-324	-325	S	300	QPN	ZG	0.00	426.25	1.41	426.25	0	-324	-325	S	304	QPN	ZG	0.00	426.25	1.41	426.25
0	-281	-345	S	208	QPN	ZG	0.00	499.88	0.95	499.88	0	2068	2055	S	208	QPN	ZG	0.00	499.88	1.50	499.88
0	2033	2020	S	202	QPN	ZG	0.00	55.68	2.67	28.85	0	-181	1045	S	106	QPN	ZG	0.00	454.50	0.65	454.50
0	-181	1045	S	107	QPN	ZG	0.00	495.00	0.65	495.00	0	-322	3021	S	300	QPN	ZG	0.00	426.25	0.76	426.25
0	-322	3021	S	304	QPN	ZG	0.00	426.25	0.76	426.25	0	2132	2131	S	203	QPN	ZG	0.00	519.25	0.60	519.25
0	-323	-324	S	300	QPN	ZG	0.00	426.25	0.70	426.25	0	-323	-324	S	304	QPN	ZG	0.00	426.25	0.70	426.25
0	-203	1067	S	109	QPN	ZG	0.00	580.50	0.78	580.50	0	1074	-203	S	109	QPN	ZG	0.00	580.50	0.78	580.50
0	-337	3027	S	303	QPN	ZG	0.00	232.50	1.27	232.50	0	-337	3027	S	304	QPN	ZG	0.00	426.25	1.27	426.25
0	1127	1126	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	-338	-337	S	303	QPN	ZG	0.00	232.50	1.27	232.50
0	-338	-337	S	304	QPN	ZG	0.00	426.25	1.27	426.25	0	1128	1127	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	1129	-242	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	1020	1021	S	108	QPN	ZG	0.00	238.50	1.20	238.50
0	-228	1113	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-242	1128	S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	2046	2045	S	200	QPN	ZG	0.00	454.50	1.25	454.50	0	2046	2045	S	201	QPN	ZG	0.00	495.00	1.25	495.00
0	1074	-205	S	104	QPN	ZG	0.00	342.00	1.25	342.00	0	-290	2068	S	208	QPN	ZG	0.00	499.88	0.78	499.88
0	-348	-229	S	102	QPN	ZG	0.00	603.00	0.70	603.00	0	-297	2089	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	-297	2089	S	211	QPN	ZG	0.00	193.75	1.27	193.75	0	1021	1022	S	108	QPN	ZG	0.00	238.50	0.84	238.50
0	2047	2046	S	200	QPN	ZG	0.00	454.50	1.50	454.50	0	2047	2046	S	201	QPN	ZG	0.00	495.00	1.50	495.00
0	-258	2033	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-258	2033	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-206	1074	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	-206	1074	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	-159	-160	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-159	-160	S	108	QPN	ZG	0.00	238.50	1.41	238.50
0	-327	3022	S	300	QPN	ZG	0.00	426.25	1.41	426.25	0	-327	3022	S	304	QPN	ZG	0.00	426.25	1.41	426.25
0	-316	2129	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	1113	-348	S	102	QPN	ZG	0.00	603.00	0.55	603.00
0	-207	-206	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	-207	-206	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	2075	-290	S	208	QPN	ZG	0.00	499.88	0.78	499.88	0	-229	1114	S	102	QPN	ZG	0.00	603.00	1.25	603.00
0	1046	-181	S	106	QPN	ZG	0.00	454.50	0.85	454.50	0	1046	-181	S	107	QPN	ZG	0.00	495.00	0.85	495.00
0	3016	-321	S	305	QPN	ZG	0.00	195.30	1.32	206.93	0	3016	-321	S	306	QPN	ZG	0.00	232.50	1.32	232.50
0	1103	-353	S	103	QPN	ZG	0.00	225.00	0.33	225.00	0	1130	1129	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	2131	2130	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-277	2047	S	200	QPN	ZG	0.00	454.50	1.47	454.50
0	-277	2047	S	201	QPN	ZG	0.00	495.00	1.47	495.00	0	3013	3022	S	300	QPN	ZG	0.00	24.85	2.67	47.95
0	3013	3022	S	305	QPN	ZG	0.00	194.06	2.67	217.16	0	3029	3028	S	303	QPN	ZG	0.00	232.50	1.25	232.50
0	3029	3028	S	304	QPN	ZG	0.00	426.25	1.25	426.25	0	3030	3029	S	303	QPN	ZG	0.00	232.50	1.50	232.50
0	3030	3029	S	304	QPN	ZG	0.00	426.25	1.50	426.25	0	-353	1114	S	103	QPN	ZG	0.00	225.00	0.05	225.00
0	1090	1089	S	104	QPN	ZG	0.00	342.00	1.45	342.00	0	2114	2115	S	203	QPN	ZG	0.00	519.25	2.50	519.25
0	-298	-295	S	209	QPN	ZG	0.00	670.38	1.27	670.38	0	-298	-295	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	-182	1046	S	106	QPN	ZG	0.00	454.50	1.47	454.50	0	-182	1046	S	107	QPN	ZG	0.00	495.00	1.47	495.00
0	1091	1090	S	104	QPN	ZG	0.00	342.00	1.30	342.00	0	2089	2104	S	211	QPN	ZG	0.00	193.75	1.12	193.75
0	-326	-327	S	300	QPN	ZG	0.00	426.25	1.41	426.25	0	-326	-327	S	304	QPN	ZG	0.00	426.25	1.41	426.25
0	1078	1077	S	105	QPN	ZG	0.00	342.00	0.95	342.00	0	1078	1077	S	106	QPN	ZG	0.00	454.50	0.95	454.50
0	2076	2075	S	200	QPN	ZG	0.00	454.50	4.00	454.50	0	1131	1130	S	102	QPN	ZG	0.00	603.00	0.60	603.00
0	1092	1091	S	105	QPN	ZG	0.00	342.00	0.89	342.00	0	-329	3022	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	-332	-329	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	-321	-328	S	305	QPN	ZG	0.00	206.93	1.32	218.55
0	-321	-328	S	306	QPN	ZG	0.00	232.50	1.32	232.50	0	2134	2133	S	203	QPN	ZG	0.00	519.25	0.60	519.25
0	3028	-338	S	303	QPN	ZG	0.00	232.50	1.17	232.50	0	3028	-338	S	304	QPN	ZG	0.00	426.25	1.17	426.25
0	-354	2115	S	211	QPN	ZG	0.00	193.75	0.05	193.75	0	-295	2075	S	209	QPN	ZG	0.00	670.38	1.27	670.38
0	-295	2075	S	210	QPN	ZG	0.00	306.12	1.27	306.12	0	2104	-354	S	211	QPN	ZG	0.00	193.75	0.33	193.75
0	-271	2037	S	201	QPN	ZG	0.00	216.00	1.41	216.00	0	-328	-330	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	-328	-330	S	306	QPN	ZG	0.00	232.50	1.03	232.50	0	2133	2132	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	-278	-277	S	200	QPN	ZG	0.00	454.50	1.47	454.50	0	-278	-277	S	201	QPN	ZG	0.00	495.00	1.47	495.00
0	3023	-332	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	1132	1131	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	1075	-207	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	1075	-207	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	2092	-298	S	209	QPN	ZG	0.00														





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	1076	1075	S	105	QPN	ZG	0.00	342.00	0.60	342.00	0	1076	1075	S	106	QPN	ZG	0.00	454.50	0.60	454.50
0	-339	3030	S	303	QPN	ZG	0.00	232.50	1.47	232.50	0	-339	3030	S	304	QPN	ZG	0.00	426.25	1.47	426.25
0	-335	3023	S	304	QPN	ZG	0.00	186.00	1.41	186.00	0	1047	-183	S	106	QPN	ZG	0.00	454.50	1.47	454.50
0	1047	-183	S	107	QPN	ZG	0.00	495.00	1.47	495.00	0	2038	-271	S	201	QPN	ZG	0.00	216.00	1.41	216.00
0	1077	1076	S	105	QPN	ZG	0.00	342.00	0.70	342.00	0	1077	1076	S	106	QPN	ZG	0.00	454.50	0.70	454.50
0	2135	2134	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	1093	1092	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	1094	1093	S	105	QPN	ZG	0.00	342.00	0.27	342.00	0	1049	1048	S	106	QPN	ZG	0.00	454.50	0.75	454.50
0	1049	1048	S	107	QPN	ZG	0.00	495.00	0.75	495.00	0	2048	-278	S	200	QPN	ZG	0.00	454.50	1.47	454.50
0	2048	-278	S	201	QPN	ZG	1.17	495.00	1.47	495.00	0	2048	-278	S	201	QPN	ZG	0.00	216.00	1.17	216.00
0	-340	-339	S	303	QPN	ZG	0.00	232.50	1.47	232.50	0	-340	-339	S	304	QPN	ZG	0.00	426.25	1.47	426.25
0	-317	2135	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	-208	1078	S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	-208	1078	S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	2077	2076	S	200	QPN	ZG	0.00	454.50	0.60	454.50
0	1134	1133	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	1048	1047	S	106	QPN	ZG	0.00	454.50	0.90	454.50
0	1048	1047	S	107	QPN	ZG	0.00	495.00	0.90	495.00	0	2050	2049	S	200	QPN	ZG	0.00	454.50	0.75	454.50
0	2050	2049	S	201	QPN	ZG	0.00	216.00	0.75	216.00	0	-333	3024	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	-333	3024	S	306	QPN	ZG	0.00	232.50	1.03	232.50	0	1095	1094	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	2049	2048	S	200	QPN	ZG	0.00	454.50	0.90	454.50	0	2049	2048	S	201	QPN	ZG	0.00	216.00	0.90	216.00
0	-243	1134	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	1096	1095	S	105	QPN	ZG	0.00	342.00	0.27	342.00
0	-330	-333	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	-330	-333	S	306	QPN	ZG	0.00	232.50	1.03	232.50
0	-209	1079	S	106	QPN	ZG	0.00	454.50	1.29	454.50	0	3024	3025	S	306	QPN	ZG	0.00	232.50	0.33	232.50
0	3032	3031	S	303	QPN	ZG	0.00	232.50	0.90	232.50	0	3032	3031	S	304	QPN	ZG	0.00	186.00	0.90	186.00
0	3025	3033	S	306	QPN	ZG	0.00	232.50	2.08	232.50	0	3033	3032	S	303	QPN	ZG	0.00	232.50	0.75	232.50
0	3033	3032	S	304	QPN	ZG	0.00	186.00	0.75	186.00	0	1135	-243	S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	2136	-317	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	1079	-208	S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	1079	-208	S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	2078	2077	S	200	QPN	ZG	0.00	454.50	0.70	454.50
0	3024	-335	S	304	QPN	ZG	0.00	186.00	1.41	186.00	0	2079	2078	S	200	QPN	ZG	0.00	454.50	0.95	454.50
0	2080	2079	S	200	QPN	ZG	0.00	454.50	2.40	454.50	0	1097	1096	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	1098	1097	S	105	QPN	ZG	0.00	342.00	0.27	342.00	0	-210	-209	S	106	QPN	ZG	0.00	454.50	1.29	454.50
0	3031	-340	S	303	QPN	ZG	0.00	232.50	1.47	232.50	0	3031	-340	S	304	QPN	ZG	1.17	426.25	1.47	426.25
0	3031	-340	S	304	QPN	ZG	0.00	186.00	1.17	186.00	0	1099	1098	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	1080	-210	S	106	QPN	ZG	0.00	454.50	1.29	454.50	0	2084	2087	S	209	QPN	ZG	0.00	670.38	1.00	670.38
0	-293	-292	S	200	QPN	ZG	0.00	454.50	1.29	454.50	0	1100	1099	S	105	QPN	ZG	0.00	342.00	1.15	342.00
0	2080	2084	S	209	QPN	ZG	0.00	670.38	0.80	670.38	0	-292	2080	S	200	QPN	ZG	0.00	454.50	1.29	454.50
0	2087	-300	S	209	QPN	ZG	0.00	670.38	1.00	670.38	0	2081	-293	S	200	QPN	ZG	0.00	454.50	1.29	454.50
0	-300	2101	S	209	QPN	ZG	0.00	670.38	1.00	670.38											

## Condizione di carico n. 3: Variabili

## Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf
							<m>	<daN/m>	<m>	<daN/m>								<m>	<daN/m>	<m>	<daN/m>
0	-142	1009	S	112	QA	ZG	0.00	1065.00	1.07	1065.00	0	-146	-142	S	112	QA	ZG	0.00	1065.00	0.13	1065.00
0	-146	-142	S	112	QA	ZG	0.13	1065.00	1.07	1065.00	0	1025	-146	S	112	QA	ZG	0.00	1065.00	0.05	1065.00
0	1025	-146	S	112	QA	ZG	0.05	1065.00	1.07	1065.00	0	-152	1025	S	112	QA	ZG	0.00	1065.00	1.30	1065.00
0	1033	-152	S	112	QA	ZG	0.00	1065.00	1.30	1065.00	0	-167	1033	S	112	QA	ZG	0.00	1065.00	1.03	1065.00
0	-171	-167	S	112	QA	ZG	0.00	1065.00	1.03	1065.00	0	1010	1011	S	112	QA	ZG	0.00	1065.00	0.85	1065.00
0	1041	-171	S	112	QA	ZG	0.00	1065.00	1.03	1065.00	0	1042	1041	S	112	QA	ZG	0.00	1065.00	1.45	1065.00
0	1011	-145	S	111	QA	ZG	0.00	1020.00	1.05	1020.00	0	1011	-145	S	112	QA	ZG	0.22	1065.00	1.15	1065.00
0	1011	-145	S	112	QA	ZG	0.00	1065.00	0.22	1065.00	0	1011	-145	S	111	QA	ZG	1.05	1020.00	1.15	1020.00
0	-145	1024	S	111	QA	ZG	0.00	1020.00	1.15	1020.00	0	-145	1024	S	112	QA	ZG	0.13	1065.00	1.15	1065.00
0	-145	1024	S	112	QA	ZG	0.00	1065.00	0.13	1065.00	0	1024	1026	S	111	QA	ZG	0.00	1020.00	0.85	1020.00
0	1024	1026	S	112	QA	ZG	0.00	1065.00	0.85	1065.00	0	1050	1042	S	112	QA	ZG	0.00	1065.00	0.95	1065.00
0	1026	-162	S	111	QA	ZG	0.00	1020.00	1.40	1020.00	0	1026	-162	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	1055	1050	S	112	QA	ZG	0.00	1065.00	1.45	1065.00	0	1056	1055	S	112	QA	ZG	0.00	1065.00	0.75	1065.00
0	-162	-166	S	111	QA	ZG	0.00	1020.00	1.40	1020.00	0	-162	-166	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	-201	1056	S	100	QA	ZG	0.00	1065.00	1.18	1065.00	0	1082	-201	S	100	QA	ZG	0.00	1065.00	1.18	1065.00
0	-166	1038	S	111	QA	ZG	0.00	1020.00	1.40	1020.00	0	-166	1038	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	1012	-143	S	110	QA	ZG	0.00	1020.00	1.05	1020.00	0	1012	-143	S	111	QA	ZG	0.00	1020.00	1.05	1020.00
0	1038	-175	S	111	QA	ZG	0.00	1020.00	1.22	1020.00	0	1038	-175	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-143	1023	S	110	QA	ZG	0.00	1020.00	1.15	1020.00	0	-143	1023	S	111	QA	ZG	0.00	1020.00	1.15	1020.00
0	1085	1082	S	100	QA	ZG	0.00	1065.00	1.50	1065.00	0	1023	-151	S	110	QA	ZG	0.00	1020.00	0.57	1020.00
0	1023	-151	S	111	QA	ZG	0.00	1020.00	1.17	1020.00	0	1023	-151	S	110	QA	ZG	0.57	1020.00	1.17	1020.00
0	-175	-184	S	111	QA	ZG	0.00	1020.00	1.22	1020.00	0	-175	-184	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-184	1051	S	111	QA	ZG	0.00	1020.00	1.22	1020.00	0	-184	1051	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-151	-161	S	110	QA	ZG	0.00	1020.00	1.17	1020.00	0	-151	-161	S	111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1087	1085	S	100	QA	ZG	0.00	1065.00	0.90	1065.00	0	1101	1087	S	100	QA	ZG	0.00	1065.00	1.50	1065.00
0	-161	1034	S	110	QA	ZG	0.00	1020.00	1.17	1020.00	0	-161	1034	S	111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1051	-190	S	111	QA	ZG	0.00	1020.00	0.82	1020.00	0	1051	-190	S	112	QA	ZG	0.00	1065.00	0.82	1065.00
0	-190	1059	S	111	QA	ZG	0.00	1020.00	0.82	1020.00	0	-190	1059	S	112	QA	ZG	0.00	1065.00	0.82	1065.00



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	1104	1101	S	100	QA	ZG	0.00	1065.00	1.10	1065.00	0	1034	-169	S	110	QA	ZG	0.00	1020.00	0.82	1020.00	
0	1034	-169	S	111	QA	ZG	0.00	1020.00	0.82	1020.00	0	1115	1104	S	101	QA	ZG	0.00	1065.00	0.25	1065.00	
0	1059	-200	S	100	QA	ZG	0.00	1065.00	1.15	1065.00	0	-169	1039	S	110	QA	ZG	0.00	1020.00	0.82	1020.00	
0	-169	1039	S	111	QA	ZG	0.00	1020.00	0.82	1020.00	0	0	1117	1115	S	101	QA	ZG	0.00	1065.00	1.45	1065.00
0	1039	-176	S	110	QA	ZG	0.00	1020.00	1.22	1020.00	0	0	1039	-176	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	1015	-147	S	109	QA	ZG	0.00	967.50	1.08	967.50	0	0	1015	-147	S	110	QA	ZG	1.05	1020.00	1.38	1020.00
0	1015	-147	S	110	QA	ZG	0.00	1020.00	1.05	1020.00	0	0	1015	-147	S	109	QA	ZG	1.08	967.50	1.38	967.50
0	-200	1081	S	100	QA	ZG	0.00	1065.00	1.15	1065.00	0	0	-234	1117	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	1081	-213	S	100	QA	ZG	0.00	1065.00	1.26	1065.00	0	0	-147	-149	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	-147	-149	S	110	QA	ZG	0.82	1020.00	1.38	1020.00	0	0	-147	-149	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	-176	-185	S	110	QA	ZG	0.00	1020.00	1.22	1020.00	0	0	-176	-185	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-237	-234	S	101	QA	ZG	0.00	1065.00	1.25	1065.00	0	0	-185	1052	S	110	QA	ZG	0.00	1020.00	1.22	1020.00
0	-185	1052	S	111	QA	ZG	0.00	1020.00	1.22	1020.00	0	0	-149	1028	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	-149	1028	S	110	QA	ZG	0.00	1020.00	1.38	1020.00	0	0	1028	-163	S	109	QA	ZG	0.00	967.50	0.90	967.50
0	1028	-163	S	110	QA	ZG	0.00	1020.00	0.90	1020.00	0	0	-213	-217	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	-217	-220	S	100	QA	ZG	0.00	1065.00	1.26	1065.00	0	0	-240	-237	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	-163	1035	S	109	QA	ZG	0.00	967.50	0.90	967.50	0	0	-163	1035	S	110	QA	ZG	0.00	1020.00	0.90	1020.00
0	1052	-191	S	110	QA	ZG	0.00	1020.00	0.82	1020.00	0	0	1052	-191	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	-191	1062	S	110	QA	ZG	0.00	1020.00	0.82	1020.00	0	0	-191	1062	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1001	-123	S	108	QA	ZG	0.00	825.00	0.90	825.00	0	0	1107	1116	S	101	QA	ZG	0.00	1065.00	0.30	1065.00
0	-224	1108	S	102	QA	ZG	0.00	1005.00	0.78	1005.00	0	0	1118	-240	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	-123	1002	S	108	QA	ZG	0.00	825.00	0.90	825.00	0	0	1107	-224	S	102	QA	ZG	0.00	1005.00	0.78	1005.00
0	1002	1003	S	108	QA	ZG	0.00	825.00	1.15	825.00	0	0	1035	-173	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	1035	-173	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	0	1108	1109	S	102	QA	ZG	0.00	1005.00	0.90	1005.00
0	-144	1017	S	109	QA	ZG	0.00	967.50	1.08	967.50	0	0	1027	-148	S	109	QA	ZG	0.00	967.50	1.08	967.50
0	2002	2003	S	202	QA	ZG	0.00	550.00	1.15	550.00	0	0	-148	-144	S	109	QA	ZG	0.00	967.50	0.78	967.50
0	-148	-144	S	109	QA	ZG	0.78	967.50	1.08	967.50	0	0	-220	1107	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	2001	2002	S	202	QA	ZG	0.00	550.00	1.80	550.00	0	0	1116	-231	S	101	QA	ZG	0.00	1065.00	1.28	1065.00
0	-231	-233	S	101	QA	ZG	0.00	1065.00	1.28	1065.00	0	0	-233	-236	S	101	QA	ZG	0.00	1065.00	1.28	1065.00
0	1004	1005	S	108	QA	ZG	0.00	825.00	1.20	825.00	0	0	2004	2005	S	202	QA	ZG	0.00	550.00	1.20	550.00
0	1029	1027	S	109	QA	ZG	0.00	967.50	0.90	967.50	0	0	-173	-178	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	-173	-178	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	0	1003	1004	S	108	QA	ZG	0.00	825.00	1.45	825.00
0	-178	-186	S	109	QA	ZG	0.00	967.50	1.34	967.50	0	0	-178	-186	S	110	QA	ZG	0.00	1020.00	1.34	1020.00
0	1110	1111	S	102	QA	ZG	0.00	1005.00	0.95	1005.00	0	0	1005	1006	S	108	QA	ZG	0.00	825.00	1.45	825.00
0	2003	2004	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	0	1109	1110	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	1029	1030	S	107	QA	ZG	0.00	825.00	1.15	825.00	0	0	1029	1030	S	108	QA	ZG	0.00	825.00	1.15	825.00
0	-236	-239	S	101	QA	ZG	0.00	1065.00	1.28	1065.00	0	0	1111	1112	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-165	1029	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	0	1030	-153	S	107	QA	ZG	0.00	825.00	0.76	825.00
0	1030	-153	S	108	QA	ZG	0.00	825.00	0.76	825.00	0	0	-186	-189	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	-186	-189	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	0	-189	1065	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	-189	1065	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	0	-170	-165	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	-153	1031	S	107	QA	ZG	0.00	825.00	0.76	825.00	0	0	-153	1031	S	108	QA	ZG	0.00	825.00	0.76	825.00
0	-154	-155	S	107	QA	ZG	0.00	825.00	0.76	825.00	0	0	-154	-155	S	108	QA	ZG	0.00	825.00	0.76	825.00
0	-239	1123	S	101	QA	ZG	0.00	1065.00	1.28	1065.00	0	0	-253	2032	S	201	QA	ZG	0.00	550.00	0.76	550.00
0	-253	2032	S	202	QA	ZG	0.00	550.00	0.76	550.00	0	0	1006	1007	S	108	QA	ZG	0.00	825.00	1.20	825.00
0	1065	1068	S	109	QA	ZG	0.00	967.50	1.44	967.50	0	0	1068	1069	S	109	QA	ZG	0.00	967.50	0.61	967.50
0	1112	-225	S	102	QA	ZG	0.00	1005.00	1.46	1005.00	0	0	1031	-154	S	107	QA	ZG	0.00	825.00	0.70	825.00
0	1031	-154	S	108	QA	ZG	0.00	825.00	0.70	825.00	0	0	1124	1123	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-174	-170	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	0	2030	2031	S	201	QA	ZG	0.00	550.00	1.15	550.00
0	2030	2031	S	202	QA	ZG	0.00	550.00	1.15	550.00	0	0	1007	-124	S	108	QA	ZG	0.00	825.00	0.88	825.00
0	2005	2006	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	0	2031	-253	S	201	QA	ZG	0.00	550.00	0.76	550.00
0	2031	-253	S	202	QA	ZG	0.00	550.00	0.76	550.00	0	0	-344	1043	S	109	QA	ZG	0.00	967.50	0.05	967.50
0	2032	-254	S	201	QA	ZG	0.00	550.00	0.70	550.00	0	0	2032	-254	S	202	QA	ZG	0.00	550.00	0.70	550.00
0	-254	-255	S	201	QA	ZG	0.00	550.00	0.70	550.00	0	0	-254	-255	S	202	QA	ZG	0.00	550.00	0.70	550.00
0	-225	-226	S	102	QA	ZG	0.00	1005.00	1.46	1005.00	0	0	-226	-227	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	2006	2007	S	202	QA	ZG	0.00	550.00	1.20	550.00	0	0	-124	1008	S	108	QA	ZG	0.00	825.00	0.88	825.00
0	1125	1124	S	102	QA	ZG	0.00	1005.00	0.95	1005.00	0	0	1069	1084	S	103	QA	ZG	0.00	375.00	1.30	375.00
0	-155	-156	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	0	-155	-156	S	108	QA	ZG	0.00	825.00	1.41	825.00
0	1043	-174	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	0	1126	1125	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-214	-219	S	103	QA	ZG	0.00	375.00	1.05	375.00	0	0	1019	1020	S	108	QA	ZG	0.00	397.50	0.47	397.50
0	2007	2008	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	0	2007	2008	S	202	QA	ZG	1.45	550.00	1.75	285.00
0	-255	-256	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	0	-255	-256	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	-256	-257	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	0	-256	-257	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	1054	-188	S	109	QA	ZG	0.00	967.50	1.00	967.50	0	0	-227	-228	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	1073	1072	S	104	QA	ZG	0.00	570.00	0.90													



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0	1045	1044	S	107	QA	ZG	0.00	825.00	1.25	825.00	0	-275	2044	S	200	QA	ZG	0.00	505.00	1.27	505.00
0	-275	2044	S	201	QA	ZG	0.00	550.00	1.27	550.00	0	1072	1071	S	104	QA	ZG	0.00	570.00	0.55	570.00
0	-276	-275	S	200	QA	ZG	0.00	505.00	1.27	505.00	0	-276	-275	S	201	QA	ZG	0.00	550.00	1.27	550.00
0	1071	-211	S	103	QA	ZG	0.00	375.00	1.27	375.00	0	-257	-258	S	201	QA	ZG	0.00	550.00	1.41	550.00
0	-257	-258	S	202	QA	ZG	0.00	550.00	1.41	550.00	0	-219	1102	S	103	QA	ZG	0.00	375.00	1.05	375.00
0	-205	1073	S	104	QA	ZG	0.00	570.00	1.25	570.00	0	-211	-215	S	103	QA	ZG	0.00	375.00	1.27	375.00
0	-180	-179	S	106	QA	ZG	0.00	757.50	1.27	757.50	0	-180	-179	S	107	QA	ZG	0.00	825.00	1.27	825.00
0	-215	1088	S	103	QA	ZG	0.00	375.00	1.27	375.00	0	1044	-180	S	106	QA	ZG	0.00	757.50	1.17	757.50
0	1044	-180	S	107	QA	ZG	0.00	825.00	1.17	825.00	0	1102	1113	S	103	QA	ZG	0.00	375.00	0.85	375.00
0	-158	1032	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-158	1032	S	108	QA	ZG	0.00	825.00	1.41	825.00
0	1084	-214	S	103	QA	ZG	0.00	375.00	1.05	375.00	0	2045	-276	S	200	QA	ZG	0.00	505.00	1.17	505.00
0	2045	-276	S	201	QA	ZG	0.00	550.00	1.17	550.00	0	1088	1103	S	103	QA	ZG	0.00	375.00	1.12	375.00
0	1089	1088	S	104	QA	ZG	0.00	570.00	1.20	570.00	0	1032	-159	S	107	QA	ZG	0.00	825.00	1.41	825.00
0	1032	-159	S	108	QA	ZG	0.30	397.50	1.41	397.50	0	1032	-159	S	108	QA	ZG	0.00	825.00	0.30	825.00
0	2033	2020	S	202	QA	ZG	0.00	61.87	2.67	32.06	0	-181	1045	S	106	QA	ZG	0.00	757.50	0.65	757.50
0	-181	1045	S	107	QA	ZG	0.00	825.00	0.65	825.00	0	-203	1067	S	109	QA	ZG	0.00	967.50	0.78	967.50
0	1074	-203	S	109	QA	ZG	0.00	967.50	0.78	967.50	0	1127	1126	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1128	1127	S	102	QA	ZG	0.00	1005.00	1.45	1005.00	0	1129	-242	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1020	1021	S	108	QA	ZG	0.00	397.50	1.20	397.50	0	-228	1113	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	-242	1128	S	102	QA	ZG	0.00	1005.00	1.05	1005.00	0	2046	2045	S	200	QA	ZG	0.00	505.00	1.25	505.00
0	2046	2045	S	201	QA	ZG	0.00	550.00	1.25	550.00	0	1074	-205	S	104	QA	ZG	0.00	570.00	1.25	570.00
0	-348	-229	S	102	QA	ZG	0.00	1005.00	0.70	1005.00	0	1021	1022	S	108	QA	ZG	0.00	397.50	0.84	397.50
0	2047	2046	S	200	QA	ZG	0.00	505.00	1.50	505.00	0	2047	2046	S	201	QA	ZG	0.00	550.00	1.50	550.00
0	-258	2033	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	-258	2033	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	-206	1074	S	105	QA	ZG	0.00	570.00	1.33	570.00	0	-206	1074	S	106	QA	ZG	0.00	757.50	1.33	757.50
0	-159	-160	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-159	-160	S	108	QA	ZG	0.00	397.50	1.41	397.50
0	1113	-348	S	102	QA	ZG	0.00	1005.00	0.55	1005.00	0	-207	-206	S	105	QA	ZG	0.00	570.00	1.33	570.00
0	-207	-206	S	106	QA	ZG	0.00	757.50	1.33	757.50	0	-229	1114	S	102	QA	ZG	0.00	1005.00	1.25	1005.00
0	1046	-181	S	106	QA	ZG	0.00	757.50	0.85	757.50	0	1046	-181	S	107	QA	ZG	0.00	825.00	0.85	825.00
0	1103	-353	S	103	QA	ZG	0.00	375.00	0.33	375.00	0	1130	1129	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-277	2047	S	200	QA	ZG	0.00	505.00	1.47	505.00	0	-277	2047	S	201	QA	ZG	0.00	550.00	1.47	550.00
0	-353	1114	S	103	QA	ZG	0.00	375.00	0.05	375.00	0	1090	1089	S	104	QA	ZG	0.00	570.00	1.45	570.00
0	-182	1046	S	106	QA	ZG	0.00	757.50	1.47	757.50	0	-182	1046	S	107	QA	ZG	0.00	825.00	1.47	825.00
0	1091	1090	S	104	QA	ZG	0.00	570.00	1.30	570.00	0	1078	1077	S	105	QA	ZG	0.00	570.00	0.95	570.00
0	1078	1077	S	106	QA	ZG	0.00	757.50	0.95	757.50	0	2076	2075	S	200	QA	ZG	0.00	505.00	4.00	505.00
0	1131	1130	S	102	QA	ZG	0.00	1005.00	0.60	1005.00	0	1092	1091	S	105	QA	ZG	0.00	570.00	0.89	570.00
0	-271	2037	S	201	QA	ZG	0.00	240.00	1.41	240.00	0	-278	-277	S	200	QA	ZG	0.00	505.00	1.47	505.00
0	-278	-277	S	201	QA	ZG	0.00	550.00	1.47	550.00	0	1132	1131	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	1075	-207	S	105	QA	ZG	0.00	570.00	1.33	570.00	0	1075	-207	S	106	QA	ZG	0.00	757.50	1.33	757.50
0	-183	-182	S	106	QA	ZG	0.00	757.50	1.47	757.50	0	-183	-182	S	107	QA	ZG	0.00	825.00	1.47	825.00
0	1133	1132	S	102	QA	ZG	0.00	1005.00	0.60	1005.00	0	1076	1075	S	105	QA	ZG	0.00	570.00	0.60	570.00
0	1076	1075	S	106	QA	ZG	0.00	757.50	0.60	757.50	0	1047	-183	S	106	QA	ZG	0.00	757.50	1.47	757.50
0	1047	-183	S	107	QA	ZG	0.00	825.00	1.47	825.00	0	2038	-271	S	201	QA	ZG	0.00	240.00	1.41	240.00
0	1077	1076	S	105	QA	ZG	0.00	570.00	0.70	570.00	0	1077	1076	S	106	QA	ZG	0.00	757.50	0.70	757.50
0	1093	1092	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	1094	1093	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	1049	1048	S	106	QA	ZG	0.00	757.50	0.75	757.50	0	1049	1048	S	107	QA	ZG	0.00	825.00	0.75	825.00
0	2048	-278	S	200	QA	ZG	0.00	505.00	1.47	505.00	0	2048	-278	S	201	QA	ZG	1.17	550.00	1.47	550.00
0	2048	-278	S	201	QA	ZG	0.00	240.00	1.17	240.00	0	-208	1078	S	105	QA	ZG	0.00	570.00	1.20	570.00
0	-208	1078	S	106	QA	ZG	0.00	757.50	1.20	757.50	0	2077	2076	S	200	QA	ZG	0.00	505.00	0.60	505.00
0	1134	1133	S	102	QA	ZG	0.00	1005.00	1.45	1005.00	0	1048	1047	S	106	QA	ZG	0.00	757.50	0.90	757.50
0	1048	1047	S	107	QA	ZG	0.00	825.00	0.90	825.00	0	2050	2049	S	200	QA	ZG	0.00	505.00	0.75	505.00
0	2050	2049	S	201	QA	ZG	0.00	240.00	0.75	240.00	0	1095	1094	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	2049	2048	S	200	QA	ZG	0.00	505.00	0.90	505.00	0	2049	2048	S	201	QA	ZG	0.00	240.00	0.90	240.00
0	-243	1134	S	102	QA	ZG	0.00	1005.00	1.05	1005.00	0	1096	1095	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	-209	1079	S	106	QA	ZG	0.00	757.50	1.29	757.50	0	1135	-243	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1079	-208	S	105	QA	ZG	0.00	570.00	1.20	570.00	0	1079	-208	S	106	QA	ZG	0.00	757.50	1.20	757.50
0	2078	2077	S	200	QA	ZG	0.00	505.00	0.70	505.00	0	2079	2078	S	200	QA	ZG	0.00	505.00	0.95	505.00
0	2080	2079	S	200	QA	ZG	0.00	505.00	2.40	505.00	0	1097	1096	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	1098	1097	S	105	QA	ZG	0.00	570.00	0.27	570.00	0	-210	-209	S	106	QA	ZG	0.00	757.50	1.29	757.50
0	1099	1098	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	1080	-210	S	106	QA	ZG	0.00	757.50	1.29	757.50
0	-293	-292	S	200	QA	ZG	0.00	505.00	1.29	505.00	0	1100	1099	S	105	QA	ZG	0.00	570.00	1.15	570.00
0	-292	2080	S	200	QA	ZG	0.00	505.00	1.29	505.00	0	2081	-293	S	200	QA	ZG	0.00	505.00	1.29	505.00

## Condizione di carico n. 4: Variabili Neve

## Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf
							<m>	<daN/m>	<m>	<daN/m>
0	-247	2009	S	205	QA	ZG	0.00	426.00	1.07	426.00

Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf
							<m>	<daN/m>	<m>	<daN/m>
0	-250	-247	S	205	QA	ZG	0.00	426.00	0.13	426.00



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0	-250	-247	S	205	QA2	ZG	0.13	426.00	1.07	426.00	0	2026	-250	S	205	QA2	ZG	0.00	426.00	0.05	426.00
0	2026	-250	S	205	QA2	ZG	0.05	426.00	1.07	426.00	0	2034	2026	S	205	QA2	ZG	0.00	426.00	2.60	426.00
0	-265	2034	S	205	QA2	ZG	0.00	426.00	1.03	426.00	0	-270	-265	S	205	QA2	ZG	0.00	426.00	1.03	426.00
0	2042	-270	S	205	QA2	ZG	0.00	426.00	1.03	426.00	0	2010	2011	S	205	QA2	ZG	0.00	426.00	0.85	426.00
0	-249	2025	S	205	QA2	ZG	0.00	426.00	0.13	426.00	0	-249	2025	S	206	QA2	ZG	0.00	408.00	1.15	408.00
0	-249	2025	S	205	QA2	ZG	0.13	426.00	1.15	426.00	0	2011	-249	S	205	QA2	ZG	0.00	426.00	0.22	426.00
0	2011	-249	S	206	QA2	ZG	1.05	408.00	1.15	408.00	0	2011	-249	S	206	QA2	ZG	0.00	408.00	1.05	408.00
0	2011	-249	S	205	QA2	ZG	0.22	426.00	1.15	426.00	0	2051	2043	S	205	QA2	ZG	0.00	426.00	0.95	426.00
0	2056	2051	S	205	QA2	ZG	0.00	426.00	1.45	426.00	0	2057	2056	S	205	QA2	ZG	0.00	426.00	0.75	426.00
0	2025	2027	S	205	QA2	ZG	0.00	426.00	0.85	426.00	0	2025	2027	S	206	QA2	ZG	0.00	408.00	0.85	408.00
0	2027	-260	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	2027	-260	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	-260	-264	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	-260	-264	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	-264	2039	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	-264	2039	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	2083	-288	S	204	QA2	ZG	0.00	426.00	1.18	426.00	0	2043	2042	S	205	QA2	ZG	0.00	426.00	1.45	426.00
0	2086	2083	S	204	QA2	ZG	0.00	426.00	1.50	426.00	0	2039	2052	S	205	QA2	ZG	0.00	426.00	3.65	426.00
0	2039	2052	S	206	QA2	ZG	0.00	408.00	3.65	408.00	0	2088	2086	S	204	QA2	ZG	0.00	426.00	0.90	426.00
0	2012	2018	S	206	QA2	ZG	0.00	408.00	1.05	408.00	0	2012	2018	S	207	QA2	ZG	0.00	408.00	1.05	408.00
0	2018	2024	S	206	QA2	ZG	0.00	408.00	1.15	408.00	0	2018	2024	S	207	QA2	ZG	0.00	408.00	1.15	408.00
0	-288	2057	S	204	QA2	ZG	0.00	426.00	1.18	426.00	0	2102	2088	S	204	QA2	ZG	0.00	426.00	1.50	426.00
0	-283	2060	S	205	QA2	ZG	0.00	426.00	0.82	426.00	0	-283	2060	S	206	QA2	ZG	0.00	408.00	0.82	408.00
0	2105	2102	S	204	QA2	ZG	0.00	426.00	1.10	426.00	0	2052	-283	S	205	QA2	ZG	0.00	426.00	0.82	426.00
0	2052	-283	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2024	2035	S	206	QA2	ZG	0.00	408.00	3.50	408.00
0	2024	2035	S	207	QA2	ZG	1.95	408.00	3.50	408.00	0	2024	2035	S	207	QA2	ZG	0.00	408.00	1.95	408.00
0	2035	-268	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2035	-268	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-268	2040	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	-268	2040	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-302	2105	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	2060	2082	S	204	QA2	ZG	0.00	426.00	2.30	426.00
0	2082	-296	S	204	QA2	ZG	0.00	426.00	1.26	426.00	0	2015	2029	S	207	QA2	ZG	0.00	408.00	1.05	408.00
0	2015	2029	S	208	QA2	ZG	1.08	387.00	4.15	387.00	0	2015	2029	S	208	QA2	ZG	0.00	387.00	1.08	387.00
0	2015	2029	S	207	QA2	ZG	2.20	408.00	4.15	408.00	0	2015	2029	S	207	QA2	ZG	1.05	408.00	2.20	408.00
0	-303	-302	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	-304	-303	S	203	QA2	ZG	0.00	402.00	1.27	402.00
0	2106	-304	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	2040	2053	S	206	QA2	ZG	0.00	408.00	3.65	408.00
0	2040	2053	S	207	QA2	ZG	0.00	408.00	3.65	408.00	0	-296	-299	S	204	QA2	ZG	0.00	426.00	1.26	426.00
0	2053	-284	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2053	-284	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-284	2063	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	-284	2063	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	2107	2106	S	203	QA2	ZG	0.00	402.00	1.00	402.00	0	-299	-301	S	204	QA2	ZG	0.00	426.00	1.26	426.00
0	2108	2109	S	203	QA2	ZG	0.00	402.00	1.55	402.00	0	-301	2108	S	204	QA2	ZG	0.00	426.00	1.26	426.00
0	-248	2017	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	-272	-274	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	-272	-274	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	2121	2120	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	2121	2120	S	203	QA2	ZG	2.73	402.00	3.00	402.00	0	2121	2120	S	203	QA2	ZG	1.45	402.00	2.73	402.00
0	2120	2119	S	203	QA2	ZG	0.00	402.00	1.00	402.00	0	2036	-272	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	2036	-272	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	2108	2107	S	203	QA2	ZG	0.00	402.00	1.00	402.00
0	2109	2110	S	203	QA2	ZG	0.00	402.00	0.90	402.00	0	3005	3006	S	300	QA2	ZG	0.00	330.00	1.15	330.00
0	3005	3006	S	301	QA2	ZG	0.00	180.00	1.15	180.00	0	2029	2036	S	207	QA2	ZG	0.00	408.00	1.80	408.00
0	2029	2036	S	208	QA2	ZG	0.00	387.00	1.80	387.00	0	-274	-279	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	-274	-279	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	2111	2112	S	203	QA2	ZG	0.00	402.00	0.95	402.00
0	3004	3005	S	300	QA2	ZG	0.00	330.00	1.80	330.00	0	3004	3005	S	301	QA2	ZG	0.00	180.00	1.80	180.00
0	3006	3007	S	300	QA2	ZG	0.00	330.00	1.45	330.00	0	3006	3007	S	301	QA2	ZG	0.00	180.00	1.45	180.00
0	2028	-251	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	2123	2122	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	-251	-248	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	3012	3004	S	302	QA2	ZG	0.00	180.00	1.35	180.00
0	3018	-320	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	2110	2111	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	2030	2028	S	208	QA2	ZG	0.00	387.00	0.90	387.00	0	-263	2030	S	208	QA2	ZG	0.00	387.00	1.38	387.00
0	-320	-319	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	3019	3018	S	302	QA2	ZG	0.00	180.00	0.90	180.00
0	3008	3009	S	300	QA2	ZG	0.00	330.00	1.45	330.00	0	3008	3009	S	301	QA2	ZG	0.00	180.00	1.45	180.00
0	2112	2113	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	2066	2069	S	208	QA2	ZG	0.00	387.00	1.44	387.00
0	-319	3012	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	-331	3019	S	302	QA2	ZG	0.00	180.00	1.38	180.00
0	-279	-282	S	207	QA2	ZG	0.00	408.00	1.34	408.00	0	-279	-282	S	208	QA2	ZG	0.00	387.00	1.34	387.00
0	2124	2123	S	203	QA2	ZG	0.00	402.00	0.70	402.00	0	2122	2121	S	203	QA2	ZG	0.00	402.00	0.95	402.00
0	-334	-331	S	302	QA2	ZG	0.00	180.00	1.38	180.00	0	2125	2124	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	3007	3008	S	300	QA2	ZG	0.00	330.00	1.20	330.00	0	3007	3008	S	301	QA2	ZG	0.00	180.00	1.20	180.00
0	-269	-263	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	3009	3010	S	300	QA2	ZG	0.00	330.00	1.20	330.00
0	3009	3010	S	301	QA2	ZG	0.00	180.00	1.20	180.00	0	-305	-306	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	2113	-305	S	203	QA2	ZG	0.00	402.00	1.46	402.00	0	2069	2070	S	208	QA2	ZG	0.00	387.00	0.61	387.00
0	2127	2126	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	3019	3020	S	300	QA2	ZG	0.00	330.00	1.15	330.00
0	3019	3020	S	304	QA2	ZG	0.00	330.00	1.15	330.00	0	3020	-322	S	300	QA2	ZG	0.00	330.00	0.76	330.00
0	3020	-322	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	-307	-308	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	-273	-269	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	3010	3011	S	300	QA2	ZG	0.00	330.00	1.45	330.00
0	3010	3																			



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	-345	2044	S	208	QA2	ZG	0.00	387.00	0.05	387.00	0	3021	-323	S	300	QA2	ZG	0.00	330.00	0.70	330.00
0	3021	-323	S	304	QA2	ZG	0.00	330.00	0.70	330.00	0	2055	-281	S	208	QA2	ZG	0.00	387.00	1.00	387.00
0	-336	-334	S	302	QA2	ZG	0.00	180.00	1.38	180.00	0	2128	2127	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	2085	2103	S	211	QA2	ZG	0.00	150.00	3.15	150.00	0	3027	-336	S	302	QA2	ZG	0.00	180.00	1.38	180.00
0	2129	2128	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	-308	2114	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	2070	2085	S	211	QA2	ZG	0.00	150.00	1.30	150.00	0	2072	-294	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	2072	-294	S	211	QA2	ZG	0.00	150.00	1.27	150.00	0	-294	-297	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	-294	-297	S	211	QA2	ZG	0.00	150.00	1.27	150.00	0	2103	2114	S	211	QA2	ZG	0.00	150.00	0.85	150.00
0	2044	-273	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	-325	-326	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-325	-326	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	-324	-325	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-324	-325	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	-281	-345	S	208	QA2	ZG	0.00	387.00	0.95	387.00
0	2068	2055	S	208	QA2	ZG	0.00	387.00	1.50	387.00	0	-322	3021	S	300	QA2	ZG	0.00	330.00	0.76	330.00
0	-322	3021	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	2132	2131	S	203	QA2	ZG	0.00	402.00	0.60	402.00
0	-323	-324	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	-323	-324	S	304	QA2	ZG	0.00	330.00	0.70	330.00
0	-337	3027	S	303	QA2	ZG	0.00	180.00	1.27	180.00	0	-337	3027	S	304	QA2	ZG	0.00	330.00	1.27	330.00
0	-338	-337	S	303	QA2	ZG	0.00	180.00	1.27	180.00	0	-338	-337	S	304	QA2	ZG	0.00	330.00	1.27	330.00
0	-290	2068	S	208	QA2	ZG	0.00	387.00	0.78	387.00	0	-297	2089	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	-297	2089	S	211	QA2	ZG	0.00	150.00	1.27	150.00	0	-327	3022	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-327	3022	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	-316	2129	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	2075	-290	S	208	QA2	ZG	0.00	387.00	0.78	387.00	0	3016	-321	S	305	QA2	ZG	0.00	151.20	1.32	160.20
0	3016	-321	S	306	QA2	ZG	0.00	180.00	1.32	180.00	0	2131	2130	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	3013	3022	S	300	QA2	ZG	0.00	19.24	2.67	37.12	0	3013	3022	S	305	QA2	ZG	0.00	150.24	2.67	168.13
0	3029	3028	S	303	QA2	ZG	0.00	180.00	1.25	180.00	0	3029	3028	S	304	QA2	ZG	0.00	330.00	1.25	330.00
0	3030	3029	S	303	QA2	ZG	0.00	180.00	1.50	180.00	0	3030	3029	S	304	QA2	ZG	0.00	330.00	1.50	330.00
0	2114	2115	S	203	QA2	ZG	0.00	402.00	2.50	402.00	0	-298	-295	S	209	QA2	ZG	0.00	519.00	1.27	519.00
0	-298	-295	S	210	QA2	ZG	0.00	237.00	1.27	237.00	0	2089	2104	S	211	QA2	ZG	0.00	150.00	1.12	150.00
0	-326	-327	S	300	QA2	ZG	0.00	330.00	1.41	330.00	0	-326	-327	S	304	QA2	ZG	0.00	330.00	1.41	330.00
0	-329	3022	S	305	QA2	ZG	0.00	169.20	1.03	169.20	0	-332	-329	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-321	-328	S	305	QA2	ZG	0.00	160.20	1.32	169.20	0	-321	-328	S	306	QA2	ZG	0.00	180.00	1.32	180.00
0	2134	2133	S	203	QA2	ZG	0.00	402.00	0.60	402.00	0	3028	-338	S	303	QA2	ZG	0.00	180.00	1.17	180.00
0	3028	-338	S	304	QA2	ZG	0.00	330.00	1.17	330.00	0	-354	2115	S	211	QA2	ZG	0.00	150.00	0.05	150.00
0	-295	2075	S	209	QA2	ZG	0.00	519.00	1.27	519.00	0	-295	2075	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	2104	-354	S	211	QA2	ZG	0.00	150.00	0.33	150.00	0	-328	-330	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-328	-330	S	306	QA2	ZG	0.00	180.00	1.03	180.00	0	2133	2132	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	3023	-332	S	305	QA2	ZG	0.00	169.20	1.03	169.20	0	2092	-298	S	209	QA2	ZG	0.00	519.00	1.27	519.00
0	2092	-298	S	210	QA2	ZG	0.00	237.00	1.27	237.00	0	2130	-316	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	-339	3030	S	303	QA2	ZG	0.00	180.00	1.47	180.00	0	-339	3030	S	304	QA2	ZG	0.00	330.00	1.47	330.00
0	-335	3023	S	304	QA2	ZG	0.00	144.00	1.41	144.00	0	2135	2134	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	-340	-339	S	303	QA2	ZG	0.00	180.00	1.47	180.00	0	-340	-339	S	304	QA2	ZG	0.00	330.00	1.47	330.00
0	-317	2135	S	203	QA2	ZG	0.00	402.00	1.05	402.00	0	-333	3024	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-333	3024	S	306	QA2	ZG	0.00	180.00	1.03	180.00	0	-330	-333	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-330	-333	S	306	QA2	ZG	0.00	180.00	1.03	180.00	0	3024	3025	S	306	QA2	ZG	0.00	180.00	0.33	180.00
0	3032	3031	S	303	QA2	ZG	0.00	180.00	0.90	180.00	0	3032	3031	S	304	QA2	ZG	0.00	144.00	0.90	144.00
0	3025	3033	S	306	QA2	ZG	0.00	180.00	2.08	180.00	0	3033	3032	S	303	QA2	ZG	0.00	180.00	0.75	180.00
0	3033	3032	S	304	QA2	ZG	0.00	144.00	0.75	144.00	0	2136	-317	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	3024	-335	S	304	QA2	ZG	0.00	144.00	1.41	144.00	0	3031	-340	S	303	QA2	ZG	0.00	180.00	1.47	180.00
0	3031	-340	S	304	QA2	ZG	1.17	330.00	1.47	330.00	0	3031	-340	S	304	QA2	ZG	0.00	144.00	1.17	144.00
0	2084	2087	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	2080	2084	S	209	QA2	ZG	0.00	519.00	0.80	519.00
0	2087	-300	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	-300	2101	S	209	QA2	ZG	0.00	519.00	1.00	519.00

**Elenco carichi elementi bidimensionali****Elenco peso proprio elementi bidimensionali****Simbologia**

Comm. = Commento

Mat. = Materiale

P = Peso specifico

PQ = Peso specifico per unità di superficie

Spess. = Spessore

Tb = Numero del tipo muro/elemento bidimensionale

Tb	Comm.	Spess. <cm>	Mat.	P <daN/mc>	PQ <daN/mq>
1	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
2	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
3	Muratura in Laterizio Porizzato Sp.25	25.00	Muratura 2	1800.00	450.00
4	Pareti Cantinato	25.00	Calcestruzzo classe C20/25	2500.00	625.00



## Risultati del calcolo

### Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:

ModeSt ver. 8.25, licenza n. 6495, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:

Xfinest ver. 9.2.0, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18

Tipo di calcolo: statico

Vincoli esterni: Considera sempre vincoli assegnati in modellazione

Schematizzazione piani rigidi: controventatura solai

Modalità di recupero masse secondarie: trasferire le masse

- All'impalcato più vicino in assoluto: No

- Anche sui nodi degli impalcati non rigidi: No

- Modificare coordinate baricentro impalcati rigidi: XY

### Generazione combinazioni

- Lineari: Sì

- 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

### Opzioni del solutore

- Tipo di elemento bidimensionale: QF46

- Calcolo sforzo nei nodi: No

- Trascura deformabilità a taglio delle aste: No

- Analisi dinamica con metodo di Lanczos: Sì

- Check sequenza di Sturm: Sì

- Analisi non lineare con Newton modificato: No

- Usa formulazione secante per buckling: No

- Trascura buckling torsionale: No

### Dati struttura

- Tipo di opera: Opera ordinaria

- Vita nominale  $V_N$ : 50.00

- Classe d'uso: Classe III

- Forze orizzontali convenzionali per stati limite non sismici: No

- Genera stati limite per verifiche di resistenza al fuoco: No

### Ambienti di carico

#### Simbologia

N = Numero

Comm. = Commento

1=Permanenti Strutturali

2=Permanenti Non Strutturali

3=Variabili

4=Variabili Neve

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 = Sì

N = No

N	Comm.	1	2	3	4	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	N	N	N





## 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

CC	Comm.	TCC	1	2	3	4
1	Amb. 1 (SLU)	SLU	$\gamma_{max}$	$\gamma_{max}$	$\psi_0 \cdot \gamma_{max}$	$\gamma_{max}$
2	Amb. 1 (SLU)	SLU	$\gamma_{max}$	$\gamma_{max}$	$\gamma_{max}$	$\psi_0 \cdot \gamma_{max}$
3	Amb. 1 (SLE R)	SLE R	1	1	$\psi_0$	1
4	Amb. 1 (SLE R)	SLE R	1	1	1	$\psi_0$

Genera le combinazioni con un solo carico di tipo variabile come di base: Si

Considera sollecitazioni dinamiche con segno dei modi principali: No

### Combinazioni delle CCE

#### Simbologia

An. = Tipo di analisi  
L = Lineare  
NL = Non lineare  
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

CC	Comm.	TCC	An.	Bk	1	2	3	4
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.05	1.50
2	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50	0.75
3	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	0.70	1.00
4	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.50

## Spostamenti dei nodi

### Simbologia

CC = Numero della combinazione delle condizioni di carico elementari  
Nodo = Numero del nodo  
Rx = Rotazione intorno all'asse X  
Ry = Rotazione intorno all'asse Y  
Rz = Rotazione intorno all'asse Z  
Sx = Spostamento in dir. X  
Sy = Spostamento in dir. Y  
Sz = Spostamento in dir. Z  
TCC = Tipo di combinazione di carico  
SLU = Stato limite ultimo  
SLE R = Stato limite d'esercizio, combinazione rara

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

Nodo		Sx <cm>	CC	TCC	Sy <cm>	CC	TCC	Sz <cm>	CC	TCC	Rx <rad>	CC	TCC	Ry <rad>	CC	TCC	Rz <rad>	CC	TCC
-354	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.00	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-354	Min.	-0.00	1	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-353	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-353	Min.	0.00	2	SLU	0.00	2	SLU	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-350	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-350	Min.	-0.00	1	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-349	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-349	Min.	0.00	2	SLU	0.00	2	SLU	-0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-348	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU



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-348Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-345Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-345Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-344Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	4SLE R	0.00	2SLU
-344Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	1SLU	0.00	3SLE R
-342Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-342Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-341Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-341Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-340Max	-0.01	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	2SLU
-340Min.	-0.01	1SLU	-0.01	1SLU	-0.06	1SLU	0.00	2SLU	0.00	1SLU	0.00	3SLE R
-339Max	-0.01	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU
-339Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R
-338Max	-0.01	4SLE R	-0.00	4SLE R	-0.11	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	2SLU
-338Min.	-0.01	1SLU	-0.01	1SLU	-0.15	1SLU	0.00	4SLE R	0.00	2SLU	0.00	3SLE R
-337Max	-0.01	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-337Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-336Max	-0.01	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-336Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-335Max	-0.01	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-335Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-334Max	-0.01	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-334Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-333Max	-0.01	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-333Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-332Max	-0.01	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-332Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-331Max	-0.00	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-331Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-330Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-330Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-329Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-329Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-328Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-328Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-327Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-327Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-326Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	1SLU	0.00	2SLU
-326Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	3SLE R
-325Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	1SLU	0.00	2SLU
-325Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	3SLE R
-324Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	1SLU	0.00	2SLU
-324Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	3SLE R
-323Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-323Min.	-0.01	1SLU	-0.01	1SLU	-0.09	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-322Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-322Min.	-0.01	1SLU	-0.01	1SLU	-0.09	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-321Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-321Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-320Max	-0.00	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-320Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-319Max	-0.00	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
-319Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
-318Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
-318Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
-317Max	0.00	3SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-317Min.	0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-316Max	0.00	3SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-316Min.	0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-315Max	0.00	3SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-315Min.	0.00	2SLU	0.00	4SLE R	-0.01	1SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU
-314Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-314Min.	0.00	2SLU	-0.00	1SLU	-0.00	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-313Max	0.00	3SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-313Min.	0.00	2SLU	0.00	4SLE R	-0.00	1SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU
-312Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-312Min.	0.00	2SLU	-0.00	1SLU	-0.00	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-311Max	0.00	3SLE R	0.00	1SLU	-0.00	3SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-311Min.	-0.00	2SLU	0.00	4SLE R	-0.00	2SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU





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-310Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-310Min.	-0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-309Max	0.00	4SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-309Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-308Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-308Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-307Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-307Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-306Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-306Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-305Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-305Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-304Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-304Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-303Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-303Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-302Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-302Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-301Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-301Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-300Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-300Min.	-0.00	1SLU	-0.01	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-299Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-299Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-298Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-298Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-297Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-297Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-296Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-296Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-295Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-295Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-294Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-294Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-293Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-293Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-292Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-292Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-291Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-291Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-290Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-290Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-289Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-289Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-288Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-288Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-287Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-287Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-286Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-286Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-285Max	-0.00	4SLE R	0.00	1SLU	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-285Min.	-0.00	1SLU	0.00	4SLE R	-0.01	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-284Max	-0.00	4SLE R	0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-284Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-283Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-283Min.	-0.00	1SLU	0.00	4SLE R	-0.05	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-282Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-282Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-281Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-281Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-280Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-280Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-279Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-279Min.	-0.00	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-278Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-278Min.	-0.00	1SLU	-0.01	1SLU	-0.04	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-277Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-277Min.	-0.00	1SLU	-0.01	1SLU	-0.05	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-276Max	-0.00	4SLE R	-0.00	4SLE R	-0.11	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
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-276Min.	-0.00	1SLU	-0.00	1SLU	-0.16	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-275Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-275Min.	-0.00	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-274Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-274Min.	-0.00	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-273Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-273Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-272Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-272Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-271Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-271Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-270Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-270Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-269Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-269Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-268Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-268Min.	-0.00	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-267Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-267Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-266Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-266Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-265Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-265Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-264Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-264Min.	-0.00	1SLU	0.00	4SLE R	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-263Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-263Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-262Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-262Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-261Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-261Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-260Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-260Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-259Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-259Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-258Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-258Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-257Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-257Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-256Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-256Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-255Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-255Min.	-0.01	1SLU	-0.00	1SLU	-0.05	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-254Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-254Min.	-0.01	1SLU	-0.00	1SLU	-0.05	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-253Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	3SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-253Min.	-0.01	1SLU	-0.00	1SLU	-0.08	2SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-252Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-252Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-251Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-251Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-250Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-250Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-249Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-249Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-248Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-248Min.	-0.01	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-247Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-247Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-246Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
-246Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
-245Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-245Min.	-0.01	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-244Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-244Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-243Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-243Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-242Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-242Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

[illegible]

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)

[illegible]

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)

[illegible]



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

[illegible]



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

[illegible]



Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)

[illegible]





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

[illegible]



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

1123	Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1124	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1124	Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1125	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1125	Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1126	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1126	Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1127	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1127	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1128	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1128	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1129	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1129	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1130	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1130	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1131	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1131	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1132	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1132	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1133	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1133	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1134	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1134	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
1135	Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
1135	Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
2001	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2001	Min.	-0.01	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2002	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2002	Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2003	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2003	Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2004	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2004	Min.	-0.01	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2005	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2005	Min.	-0.01	1SLU	-0.01	1SLU	-0.06	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2006	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2006	Min.	-0.01	1SLU	-0.01	1SLU	-0.06	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2007	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2007	Min.	-0.01	1SLU	-0.01	1SLU	-0.06	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2008	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
2008	Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
2009	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2009	Min.	-0.01	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2010	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2010	Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2011	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2011	Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2012	Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2012	Min.	-0.01	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2013	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2013	Min.	-0.01	1SLU	-0.00	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2014	Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2014	Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2015	Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2015	Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2016	Max	-0.00	4SLE R	-0.00	4SLE R	0.02	1SLU	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2016	Min.	-0.01	1SLU	-0.00	1SLU	0.01	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2017	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2017	Min.	-0.01	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2018	Max	-0.00	4SLE R	0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2018	Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2019	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2019	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2020	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
2020	Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
2021	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
2021	Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
2022	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2022	Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU



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2023Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2023Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2024Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2024Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2025Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2025Min.	-0.01	1SLU	0.00	4SLE R	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2026Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2026Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2027Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2027Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2028Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2028Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2029Max	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2029Min.	-0.01	1SLU	-0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2030Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2030Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2031Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2031Min.	-0.01	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2032Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2032Min.	-0.01	1SLU	-0.00	1SLU	-0.06	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2033Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2033Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2034Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2034Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2035Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2035Min.	-0.00	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2036Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2036Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2037Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2037Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2038Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2038Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2039Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2039Min.	-0.00	1SLU	0.00	4SLE R	-0.05	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2040Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2040Min.	-0.00	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2041Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2041Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2042Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2042Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2043Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2043Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2044Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2044Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2045Max	-0.00	4SLE R	-0.00	4SLE R	-0.09	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2045Min.	-0.00	1SLU	-0.00	1SLU	-0.13	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2046Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2046Min.	-0.00	1SLU	-0.01	1SLU	-0.09	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2047Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2047Min.	-0.00	1SLU	-0.01	1SLU	-0.05	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2048Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2048Min.	-0.00	1SLU	-0.01	1SLU	-0.04	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2049Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2049Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2050Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2050Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2051Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2051Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2052Max	-0.00	4SLE R	0.00	1SLU	-0.05	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2052Min.	-0.00	1SLU	0.00	4SLE R	-0.08	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2053Max	-0.00	4SLE R	0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2053Min.	-0.00	1SLU	-0.00	1SLU	-0.08	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2054Max	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2054Min.	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2055Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2055Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2056Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2056Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2057Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R



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2057	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2058	Max	-0.00	4SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2058	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2059	Max	-0.00	4SLE R	0.00	1SLU	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2059	Min.	-0.00	1SLU	0.00	4SLE R	-0.00	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2060	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2060	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2061	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2061	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2062	Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2062	Min.	-0.00	1SLU	0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2063	Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2063	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2064	Max	-0.00	4SLE R	0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2064	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2065	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2065	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2066	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2066	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2067	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2067	Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2068	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2068	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2069	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2069	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2070	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2070	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2071	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2071	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2072	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2072	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2073	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2073	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2074	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2074	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2075	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2075	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2076	Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2076	Min.	-0.00	1SLU	-0.00	1SLU	-0.07	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2077	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2077	Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2078	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
2078	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
2079	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
2079	Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
2080	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2080	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2081	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2081	Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2082	Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2082	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2083	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2083	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2084	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2084	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2085	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2085	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2086	Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2086	Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2087	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2087	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2088	Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2088	Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2089	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2089	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2090	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2090	Min.	-0.00	1SLU	-0.00	1SLU	-0.00	2SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2091	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2091	Min.	-0.00	1SLU	-0.00	1SLU	-0.00	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU



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2092	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2092	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2093	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2093	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2094	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2094	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2095	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2095	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2096	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2096	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2097	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2097	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2098	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2098	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2099	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2099	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2100	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2100	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2101	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2101	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2102	Max	-0.00	4 SLE R	0.00	1 SLU	-0.02	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2102	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.03	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2103	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2103	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2104	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2104	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2105	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2105	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2106	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2106	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2107	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2107	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2108	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2108	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2109	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2109	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2110	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2110	Min.	-0.00	1 SLU	0.00	2 SLU	-0.02	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2111	Max	-0.00	4 SLE R	0.00	3 SLE R	-0.01	4 SLE R	0.00	2 SLU	0.00	4 SLE R	0.00	4 SLE R
2111	Min.	-0.00	1 SLU	0.00	2 SLU	-0.02	1 SLU	0.00	3 SLE R	0.00	1 SLU	0.00	1 SLU
2112	Max	-0.00	4 SLE R	0.00	4 SLE R	-0.01	4 SLE R	0.00	2 SLU	0.00	4 SLE R	0.00	4 SLE R
2112	Min.	-0.00	1 SLU	0.00	1 SLU	-0.02	1 SLU	0.00	3 SLE R	0.00	1 SLU	0.00	1 SLU
2113	Max	-0.00	4 SLE R	0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2113	Min.	-0.00	1 SLU	0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2114	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2114	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2115	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2115	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2116	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2116	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2117	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2117	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2118	Max	0.00	4 SLE R	0.00	1 SLU	-0.00	3 SLE R	0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R
2118	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.00	2 SLU	0.00	1 SLU	0.00	4 SLE R	0.00	1 SLU
2119	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R
2119	Min.	0.00	2 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	1 SLU	0.00	4 SLE R	0.00	1 SLU
2120	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R
2120	Min.	0.00	2 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	4 SLE R	0.00	1 SLU
2121	Max	0.00	3 SLE R	0.00	1 SLU	-0.02	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2121	Min.	0.00	2 SLU	0.00	4 SLE R	-0.03	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2122	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2122	Min.	0.00	2 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2123	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	3 SLE R	0.00	4 SLE R
2123	Min.	0.00	2 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	2 SLU	0.00	1 SLU
2124	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	3 SLE R	0.00	4 SLE R
2124	Min.	0.00	2 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	2 SLU	0.00	1 SLU
2125	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	3 SLE R	0.00	4 SLE R
2125	Min.	0.00	2 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	2 SLU	0.00	1 SLU
2126	Max	0.00	3 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	3 SLE R	0.00	4 SLE R



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2126	Min.	0.00	2	SLU	0.00	2	SLU	-0.02	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2127	Max	0.00	3	SLE R	0.00	3	SLE R	-0.01	4	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	4	SLE R
2127	Min.	0.00	2	SLU	0.00	2	SLU	-0.02	1	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	1	SLU
2128	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	4	SLE R
2128	Min.	0.00	2	SLU	0.00	1	SLU	-0.02	1	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	1	SLU
2129	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2129	Min.	0.00	2	SLU	0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2130	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2130	Min.	0.00	2	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2131	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2131	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2132	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2132	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2133	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2133	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2134	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2134	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2135	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
2135	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
2136	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
2136	Min.	0.00	2	SLU	-0.00	1	SLU	-0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3001	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3001	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3002	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3002	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3003	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3003	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3004	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3004	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3005	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3005	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.09	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3006	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3006	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.09	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3007	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3007	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3008	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3008	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3009	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3009	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3010	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3010	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.09	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3011	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3011	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3012	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3012	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3013	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3013	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3014	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3014	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3015	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3015	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3016	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3016	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3017	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3017	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3018	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3018	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3019	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3019	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3020	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	2	SLU
3020	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	3	SLE R
3021	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.06	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3021	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.09	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3022	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3022	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3023	Max	-0.01	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3023	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R
3024	Max	-0.01	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	2	SLU
3024	Min.	-0.01	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	3	SLE R



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3025Max	-0.01	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	2SLU
3025Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	3SLE R
3026Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3026Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3027Max	-0.01	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	2SLU
3027Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	3SLE R
3028Max	-0.01	4SLE R	-0.00	4SLE R	-0.10	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	2SLU
3028Min.	-0.01	1SLU	-0.01	1SLU	-0.14	1SLU	0.00	4SLE R	0.00	2SLU	0.00	3SLE R
3029Max	-0.01	4SLE R	-0.00	4SLE R	-0.10	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	2SLU
3029Min.	-0.01	1SLU	-0.01	1SLU	-0.13	1SLU	0.00	4SLE R	0.00	2SLU	0.00	3SLE R
3030Max	-0.01	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU
3030Min.	-0.01	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R
3031Max	-0.01	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	2SLU
3031Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	1SLU	0.00	3SLE R
3032Max	-0.01	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	2SLU
3032Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	1SLU	0.00	3SLE R
3033Max	-0.01	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	2SLU
3033Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	1SLU	0.00	3SLE R
3034Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3034Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3035Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3035Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3036Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3036Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU

Min = -0.16

Max = 0.02

## Sollecitazioni muri

### Simbologia

CC = Numero della combinazione delle condizioni di carico elementari

Muro = Muro

Mx = Momento flettente intorno all'asse X

N = Sforzo normale

Nodo = Numero del nodo

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLE R = Stato limite d'esercizio, combinazione rara

Tx = Taglio in dir. X

Ty = Taglio in dir. Y

Muro	Nodo	N <daN>	CC	TCC	Tx <daN/m>	CC	TCC	Mx <daNm>	CC	TCC	Ty <daN>	CC	TCC
192Max	-6	-5204.25	3SLE R		-5.92	3SLE R		-0.36	3SLE R		-0.10	4SLE R	
192Max	10	-5202.58	3SLE R		-5.92	3SLE R		-0.31	3SLE R		-0.16	3SLE R	
192Max	1010	-4213.31	3SLE R		-5.92	3SLE R		-0.65	3SLE R		-0.16	3SLE R	
192Max	-128	-4241.02	3SLE R		-5.92	3SLE R		-0.59	3SLE R		-0.10	4SLE R	
192Min.	-6	-7256.12	2SLU		-8.25	2SLU		-0.51	2SLU		-0.15	1SLU	
192Min.	10	-7254.02	2SLU		-8.25	2SLU		-0.44	2SLU		-0.22	2SLU	
192Min.	1010	-5966.74	2SLU		-8.25	2SLU		-0.92	2SLU		-0.22	2SLU	
192Min.	-128	-6005.15	2SLU		-8.25	2SLU		-0.83	2SLU		-0.15	1SLU	
192Max	-5	-5248.10	3SLE R		-6.13	3SLE R		-0.41	3SLE R		-0.05	4SLE R	
192Max	-6	-5246.58	3SLE R		-6.13	3SLE R		-0.36	3SLE R		-0.10	4SLE R	
192Max	-128	-4256.83	3SLE R		-6.13	3SLE R		-0.59	3SLE R		-0.10	4SLE R	
192Max	-127	-4285.34	3SLE R		-6.13	3SLE R		-0.52	3SLE R		-0.05	4SLE R	
192Min.	-5	-7316.53	2SLU		-8.54	2SLU		-0.57	2SLU		-0.08	1SLU	
192Min.	-6	-7314.63	2SLU		-8.54	2SLU		-0.51	2SLU		-0.15	1SLU	
192Min.	-128	-6026.71	2SLU		-8.54	2SLU		-0.83	2SLU		-0.15	1SLU	
192Min.	-127	-6066.20	2SLU		-8.54	2SLU		-0.73	2SLU		-0.08	1SLU	
192Max	9	-5389.35	3SLE R		-7.18	3SLE R		-0.54	3SLE R		0.14	2SLU	
192Max	-3	-5388.52	3SLE R		-7.18	3SLE R		-0.50	3SLE R		0.07	2SLU	
192Max	-125	-4396.47	3SLE R		-7.18	3SLE R		-0.38	3SLE R		0.07	2SLU	
192Max	1009	-4428.90	3SLE R		-7.18	3SLE R		-0.32	3SLE R		0.14	2SLU	
192Min.	9	-7511.20	2SLU		-10.00	2SLU		-0.77	2SLU		0.10	3SLE R	
192Min.	-3	-7510.27	2SLU		-10.00	2SLU		-0.70	2SLU		0.05	3SLE R	
192Min.	-125	-6219.15	2SLU		-10.00	2SLU		-0.54	2SLU		0.05	3SLE R	
192Min.	1009	-6264.07	2SLU		-10.00	2SLU		-0.45	2SLU		0.10	3SLE R	
192Max	-4	-5293.36	3SLE R		-6.44	3SLE R		-0.45	3SLE R		0.00	4SLE R	





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192Max	-5	-5292.04	3SLE R	-6.44	3SLE R	-0.41	3SLE R	-0.05	4SLE R
192Max	-127	-4301.61	3SLE R	-6.44	3SLE R	-0.52	3SLE R	-0.05	4SLE R
192Max	-126	-4331.29	3SLE R	-6.44	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Min.	-4	-7378.89	2SLU	-8.97	2SLU	-0.64	2SLU	-0.00	1SLU
192Min.	-5	-7377.27	2SLU	-8.97	2SLU	-0.57	2SLU	-0.08	1SLU
192Min.	-127	-6088.41	2SLU	-8.97	2SLU	-0.73	2SLU	-0.08	1SLU
192Min.	-126	-6129.50	2SLU	-8.97	2SLU	-0.64	2SLU	-0.00	1SLU
192Max	-3	-5340.39	3SLE R	-6.81	3SLE R	-0.50	3SLE R	0.07	2SLU
192Max	-4	-5339.31	3SLE R	-6.81	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Max	-126	-4348.08	3SLE R	-6.81	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Max	-125	-4379.12	3SLE R	-6.81	3SLE R	-0.38	3SLE R	0.07	2SLU
192Min.	-3	-7443.70	2SLU	-9.48	2SLU	-0.70	2SLU	0.05	3SLE R
192Min.	-4	-7442.42	2SLU	-9.48	2SLU	-0.64	2SLU	-0.00	1SLU
192Min.	-126	-6152.44	2SLU	-9.48	2SLU	-0.64	2SLU	-0.00	1SLU
192Min.	-125	-6195.43	2SLU	-9.48	2SLU	-0.54	2SLU	0.05	3SLE R
193Max	-40	-4571.41	3SLE R	-0.03	3SLE R	-0.14	3SLE R	0.44	2SLU
193Max	-44	-4528.16	3SLE R	-0.03	3SLE R	-0.15	3SLE R	0.47	2SLU
193Max	-166	-3565.59	3SLE R	-0.03	3SLE R	0.83	2SLU	0.47	2SLU
193Max	-162	-3608.98	3SLE R	-0.03	3SLE R	0.78	2SLU	0.44	2SLU
193Min.	-40	-6364.58	2SLU	-0.77	2SLU	-0.20	2SLU	0.32	3SLE R
193Min.	-44	-6305.13	2SLU	-0.77	2SLU	-0.21	2SLU	0.34	3SLE R
193Min.	-166	-5052.18	2SLU	-0.77	2SLU	0.60	3SLE R	0.34	3SLE R
193Min.	-162	-5115.03	2SLU	-0.77	2SLU	0.56	3SLE R	0.32	3SLE R
193Max	-53	-3646.22	3SLE R	-3.83	3SLE R	-0.14	3SLE R	0.46	2SLU
193Max	-62	-3621.28	3SLE R	-3.83	3SLE R	-0.15	3SLE R	0.48	2SLU
193Max	-184	-2776.41	3SLE R	-3.83	3SLE R	0.86	2SLU	0.48	2SLU
193Max	-175	-2818.18	3SLE R	-3.83	3SLE R	0.82	2SLU	0.46	2SLU
193Min.	-53	-5070.64	2SLU	-5.46	2SLU	-0.20	2SLU	0.33	3SLE R
193Min.	-62	-5035.51	2SLU	-5.46	2SLU	-0.20	2SLU	0.35	3SLE R
193Min.	-184	-3936.11	2SLU	-5.46	2SLU	0.62	3SLE R	0.35	3SLE R
193Min.	-175	-3995.25	2SLU	-5.46	2SLU	0.59	3SLE R	0.33	3SLE R
193Max	-62	-3545.73	3SLE R	-3.92	3SLE R	-0.15	3SLE R	0.48	2SLU
193Max	51	-3520.87	3SLE R	-3.92	3SLE R	-0.16	3SLE R	0.51	2SLU
193Max	1051	-2675.79	3SLE R	-3.92	3SLE R	0.90	2SLU	0.51	2SLU
193Max	-184	-2717.90	3SLE R	-3.92	3SLE R	0.86	2SLU	0.48	2SLU
193Min.	-62	-4928.58	2SLU	-5.61	2SLU	-0.20	2SLU	0.35	3SLE R
193Min.	51	-4893.59	2SLU	-5.61	2SLU	-0.21	2SLU	0.37	3SLE R
193Min.	1051	-3793.86	2SLU	-5.61	2SLU	0.65	3SLE R	0.37	3SLE R
193Min.	-184	-3853.52	2SLU	-5.61	2SLU	0.62	3SLE R	0.35	3SLE R
193Max	26	-4700.67	3SLE R	0.21	1SLU	-0.13	3SLE R	0.41	2SLU
193Max	-40	-4657.29	3SLE R	0.21	1SLU	-0.14	3SLE R	0.44	2SLU
193Max	-162	-3695.13	3SLE R	0.21	1SLU	0.78	2SLU	0.44	2SLU
193Max	1026	-3737.83	3SLE R	0.21	1SLU	0.72	2SLU	0.41	2SLU
193Min.	26	-6547.04	2SLU	-0.49	2SLU	-0.19	2SLU	0.30	3SLE R
193Min.	-40	-6487.39	2SLU	-0.49	2SLU	-0.20	2SLU	0.32	3SLE R
193Min.	-162	-5235.05	2SLU	-0.49	2SLU	0.56	3SLE R	0.32	3SLE R
193Min.	1026	-5296.88	2SLU	-0.49	2SLU	0.52	3SLE R	0.30	3SLE R
193Max	38	-3746.30	3SLE R	-3.70	3SLE R	-0.14	3SLE R	0.44	2SLU
193Max	-53	-3721.24	3SLE R	-3.70	3SLE R	-0.14	3SLE R	0.46	2SLU
193Max	-175	-2876.64	3SLE R	-3.70	3SLE R	0.82	2SLU	0.46	2SLU
193Max	1038	-2917.97	3SLE R	-3.70	3SLE R	0.77	2SLU	0.44	2SLU
193Min.	38	-5212.02	2SLU	-5.27	2SLU	-0.19	2SLU	0.32	3SLE R
193Min.	-53	-5176.72	2SLU	-5.27	2SLU	-0.20	2SLU	0.33	3SLE R
193Min.	-175	-4077.74	2SLU	-5.27	2SLU	0.59	3SLE R	0.33	3SLE R
193Min.	1038	-4136.21	2SLU	-5.27	2SLU	0.56	3SLE R	0.32	3SLE R
193Max	51	-2341.67	3SLE R	-4.02	4SLE R	-0.11	3SLE R	0.34	2SLU
193Max	-68	-2335.46	3SLE R	-4.02	4SLE R	-0.11	3SLE R	0.35	2SLU
193Max	-190	-1759.06	3SLE R	-4.02	4SLE R	0.63	2SLU	0.35	2SLU
193Max	1051	-1783.70	3SLE R	-4.02	4SLE R	0.61	2SLU	0.34	2SLU
193Min.	51	-3253.79	2SLU	-5.89	1SLU	-0.15	2SLU	0.25	3SLE R
193Min.	-68	-3244.40	2SLU	-5.89	1SLU	-0.15	2SLU	0.26	3SLE R
193Min.	-190	-2494.64	2SLU	-5.89	1SLU	0.46	3SLE R	0.26	3SLE R
193Min.	1051	-2528.87	2SLU	-5.89	1SLU	0.44	3SLE R	0.25	3SLE R
193Max	-118	-2381.01	3SLE R	-3.69	3SLE R	-0.15	4SLE R	0.66	2SLU
193Max	122	-2352.67	3SLE R	-3.69	3SLE R	-0.14	4SLE R	0.65	2SLU
193Max	1123	-1464.54	3SLE R	-3.69	3SLE R	1.25	2SLU	0.65	2SLU
193Max	-239	-1509.14	3SLE R	-3.69	3SLE R	1.24	2SLU	0.66	2SLU
193Min.	-118	-3277.49	2SLU	-5.31	2SLU	-0.21	1SLU	0.48	3SLE R
193Min.	122	-3237.59	2SLU	-5.31	2SLU	-0.19	1SLU	0.48	3SLE R





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193Min.	1123	-2081.92	2SLU	-5.31	2SLU	0.91	3SLE R	0.48	3SLE R
193Min.	-239	-2145.17	2SLU	-5.31	2SLU	0.90	3SLE R	0.48	3SLE R
193Max	10	-3084.44	3SLE R	-1.64	3SLE R	-0.08	3SLE R	0.22	2SLU
193Max	11	-3072.26	3SLE R	-1.64	3SLE R	-0.07	3SLE R	0.21	2SLU
193Max	1011	-2484.29	3SLE R	-1.64	3SLE R	0.36	2SLU	0.21	2SLU
193Max	1010	-2503.67	3SLE R	-1.64	3SLE R	0.38	2SLU	0.22	2SLU
193Min.	10	-4300.48	2SLU	-2.36	2SLU	-0.11	2SLU	0.16	3SLE R
193Min.	11	-4283.42	2SLU	-2.36	2SLU	-0.10	2SLU	0.15	3SLE R
193Min.	1011	-3518.54	2SLU	-2.36	2SLU	0.26	3SLE R	0.15	3SLE R
193Min.	1010	-3545.99	2SLU	-2.36	2SLU	0.27	3SLE R	0.16	3SLE R
193Max	11	-4102.51	3SLE R	-1.54	3SLE R	-0.09	3SLE R	0.28	2SLU
193Max	-23	-4076.95	3SLE R	-1.54	3SLE R	-0.10	3SLE R	0.30	2SLU
193Max	-145	-3282.94	3SLE R	-1.54	3SLE R	0.53	2SLU	0.30	2SLU
193Max	1011	-3315.27	3SLE R	-1.54	3SLE R	0.49	2SLU	0.28	2SLU
193Min.	11	-5718.60	2SLU	-2.42	2SLU	-0.13	2SLU	0.20	3SLE R
193Min.	-23	-5683.11	2SLU	-2.42	2SLU	-0.14	2SLU	0.22	3SLE R
193Min.	-145	-4649.97	2SLU	-2.42	2SLU	0.38	3SLE R	0.22	3SLE R
193Min.	1011	-4696.11	2SLU	-2.42	2SLU	0.35	3SLE R	0.20	3SLE R
193Max	24	-2909.23	3SLE R	-1.97	3SLE R	-0.08	3SLE R	0.24	2SLU
193Max	26	-2897.74	3SLE R	-1.97	3SLE R	-0.08	3SLE R	0.25	2SLU
193Max	1026	-2309.04	3SLE R	-1.97	3SLE R	0.44	2SLU	0.25	2SLU
193Max	1024	-2329.18	3SLE R	-1.97	3SLE R	0.42	2SLU	0.24	2SLU
193Min.	24	-4053.41	2SLU	-2.78	2SLU	-0.11	2SLU	0.17	3SLE R
193Min.	26	-4037.22	2SLU	-2.78	2SLU	-0.11	2SLU	0.18	3SLE R
193Min.	1026	-3271.42	2SLU	-2.78	2SLU	0.32	3SLE R	0.18	3SLE R
193Min.	1024	-3299.85	2SLU	-2.78	2SLU	0.30	3SLE R	0.17	3SLE R
193Max	-92	-3127.34	3SLE R	-4.65	4SLE R	-0.18	3SLE R	0.60	2SLU
193Max	-96	-3101.77	3SLE R	-4.65	4SLE R	-0.18	3SLE R	0.62	2SLU
193Max	-217	-2223.55	3SLE R	-4.65	4SLE R	1.13	2SLU	0.62	2SLU
193Max	-213	-2269.62	3SLE R	-4.65	4SLE R	1.09	2SLU	0.60	2SLU
193Min.	-92	-4333.93	2SLU	-6.57	1SLU	-0.24	2SLU	0.44	3SLE R
193Min.	-96	-4297.71	2SLU	-6.57	1SLU	-0.24	2SLU	0.45	3SLE R
193Min.	-217	-3154.93	2SLU	-6.57	1SLU	0.82	3SLE R	0.45	3SLE R
193Min.	-213	-3219.99	2SLU	-6.57	1SLU	0.79	3SLE R	0.44	3SLE R
193Max	-96	-3020.00	3SLE R	-4.64	4SLE R	-0.18	3SLE R	0.62	2SLU
193Max	-99	-2994.43	3SLE R	-4.64	4SLE R	-0.18	3SLE R	0.64	2SLU
193Max	-220	-2116.22	3SLE R	-4.64	4SLE R	1.16	2SLU	0.64	2SLU
193Max	-217	-2162.28	3SLE R	-4.64	4SLE R	1.13	2SLU	0.62	2SLU
193Min.	-96	-4182.18	2SLU	-6.56	1SLU	-0.24	2SLU	0.45	3SLE R
193Min.	-99	-4145.94	2SLU	-6.56	1SLU	-0.24	2SLU	0.46	3SLE R
193Min.	-220	-3003.19	2SLU	-6.56	1SLU	0.84	3SLE R	0.46	3SLE R
193Min.	-217	-3068.22	2SLU	-6.56	1SLU	0.82	3SLE R	0.45	3SLE R
193Max	-99	-2912.56	3SLE R	-4.65	4SLE R	-0.18	3SLE R	0.64	2SLU
193Max	106	-2886.99	3SLE R	-4.65	4SLE R	-0.18	3SLE R	0.65	2SLU
193Max	1107	-2008.76	3SLE R	-4.65	4SLE R	1.19	2SLU	0.65	2SLU
193Max	-220	-2054.85	3SLE R	-4.65	4SLE R	1.16	2SLU	0.64	2SLU
193Min.	-99	-4030.28	2SLU	-6.57	1SLU	-0.24	2SLU	0.46	3SLE R
193Min.	106	-3994.05	2SLU	-6.57	1SLU	-0.25	2SLU	0.48	3SLE R
193Min.	1107	-2851.28	2SLU	-6.57	1SLU	0.86	3SLE R	0.48	3SLE R
193Min.	-220	-2916.34	2SLU	-6.57	1SLU	0.84	3SLE R	0.46	3SLE R
193Max	115	-2818.65	3SLE R	-3.87	3SLE R	-0.18	3SLE R	0.66	2SLU
193Max	-110	-2790.46	3SLE R	-3.87	3SLE R	-0.18	3SLE R	0.66	2SLU
193Max	-231	-1901.94	3SLE R	-3.87	3SLE R	1.22	2SLU	0.66	2SLU
193Max	1116	-1947.18	3SLE R	-3.87	3SLE R	1.21	2SLU	0.66	2SLU
193Min.	115	-3896.25	2SLU	-5.54	2SLU	-0.25	2SLU	0.48	3SLE R
193Min.	-110	-3856.55	2SLU	-5.54	2SLU	-0.24	2SLU	0.48	3SLE R
193Min.	-231	-2700.35	2SLU	-5.54	2SLU	0.88	3SLE R	0.48	3SLE R
193Min.	1116	-2764.45	2SLU	-5.54	2SLU	0.88	3SLE R	0.48	3SLE R
193Max	-44	-4440.94	3SLE R	-0.26	3SLE R	-0.15	3SLE R	0.47	2SLU
193Max	38	-4397.86	3SLE R	-0.26	3SLE R	-0.16	3SLE R	0.50	2SLU
193Max	1038	-3434.79	3SLE R	-0.26	3SLE R	0.89	2SLU	0.50	2SLU
193Max	-166	-3479.02	3SLE R	-0.26	3SLE R	0.83	2SLU	0.47	2SLU
193Min.	-44	-6180.39	2SLU	-1.11	2SLU	-0.21	2SLU	0.34	3SLE R
193Min.	38	-6121.19	2SLU	-1.11	2SLU	-0.22	2SLU	0.36	3SLE R
193Min.	1038	-4867.49	2SLU	-1.11	2SLU	0.64	3SLE R	0.36	3SLE R
193Min.	-166	-4931.58	2SLU	-1.11	2SLU	0.60	3SLE R	0.34	3SLE R
193Max	-112	-2599.48	3SLE R	-3.72	3SLE R	-0.17	4SLE R	0.66	2SLU
193Max	-115	-2571.15	3SLE R	-3.72	3SLE R	-0.16	4SLE R	0.66	2SLU
193Max	-236	-1682.97	3SLE R	-3.72	3SLE R	1.23	2SLU	0.66	2SLU



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193Max	-233	-1727.66	3SLE R	-3.72	3SLE R	1.23	2SLU	0.66	2SLU
193Min.	-112	-3586.43	2SLU	-5.34	2SLU	-0.23	1SLU	0.48	3SLE R
193Min.	-115	-3546.56	2SLU	-5.34	2SLU	-0.22	1SLU	0.48	3SLE R
193Min.	-236	-2390.82	2SLU	-5.34	2SLU	0.90	3SLE R	0.48	3SLE R
193Min.	-233	-2454.17	2SLU	-5.34	2SLU	0.89	3SLE R	0.48	3SLE R
193Max	59	-3128.59	3SLE R	-3.71	3SLE R	-0.15	3SLE R	0.51	2SLU
193Max	-78	-3106.82	3SLE R	-3.71	3SLE R	-0.16	3SLE R	0.52	2SLU
193Max	-200	-2308.03	3SLE R	-3.71	3SLE R	0.94	2SLU	0.52	2SLU
193Max	1059	-2346.12	3SLE R	-3.71	3SLE R	0.91	2SLU	0.51	2SLU
193Min.	59	-4343.43	2SLU	-5.31	2SLU	-0.21	2SLU	0.37	3SLE R
193Min.	-78	-4312.80	2SLU	-5.31	2SLU	-0.21	2SLU	0.38	3SLE R
193Min.	-200	-3273.30	2SLU	-5.31	2SLU	0.68	3SLE R	0.38	3SLE R
193Min.	1059	-3327.30	2SLU	-5.31	2SLU	0.66	3SLE R	0.37	3SLE R
193Max	80	-3234.66	3SLE R	-4.68	4SLE R	-0.17	3SLE R	0.59	2SLU
193Max	-92	-3209.11	3SLE R	-4.68	4SLE R	-0.18	3SLE R	0.60	2SLU
193Max	-213	-2330.84	3SLE R	-4.68	4SLE R	1.09	2SLU	0.60	2SLU
193Max	1081	-2377.00	3SLE R	-4.68	4SLE R	1.06	2SLU	0.59	2SLU
193Min.	80	-4485.68	2SLU	-6.61	1SLU	-0.24	2SLU	0.43	3SLE R
193Min.	-92	-4449.48	2SLU	-6.61	1SLU	-0.24	2SLU	0.44	3SLE R
193Min.	-213	-3306.62	2SLU	-6.61	1SLU	0.79	3SLE R	0.44	3SLE R
193Min.	1081	-3371.82	2SLU	-6.61	1SLU	0.77	3SLE R	0.43	3SLE R
193Max	-23	-4016.19	3SLE R	-1.51	3SLE R	-0.10	3SLE R	0.30	2SLU
193Max	24	-3990.61	3SLE R	-1.51	3SLE R	-0.10	3SLE R	0.32	2SLU
193Max	1024	-3196.66	3SLE R	-1.51	3SLE R	0.56	2SLU	0.32	2SLU
193Max	-145	-3228.90	3SLE R	-1.51	3SLE R	0.53	2SLU	0.30	2SLU
193Min.	-23	-5596.85	2SLU	-2.39	2SLU	-0.14	2SLU	0.22	3SLE R
193Min.	24	-5561.34	2SLU	-2.39	2SLU	-0.15	2SLU	0.23	3SLE R
193Min.	1024	-4528.26	2SLU	-2.39	2SLU	0.41	3SLE R	0.23	3SLE R
193Min.	-145	-4574.30	2SLU	-2.39	2SLU	0.38	3SLE R	0.22	3SLE R
193Max	-115	-2490.22	3SLE R	-3.69	3SLE R	-0.16	4SLE R	0.66	2SLU
193Max	-118	-2461.88	3SLE R	-3.69	3SLE R	-0.15	4SLE R	0.66	2SLU
193Max	-239	-1573.76	3SLE R	-3.69	3SLE R	1.24	2SLU	0.66	2SLU
193Max	-236	-1618.34	3SLE R	-3.69	3SLE R	1.23	2SLU	0.66	2SLU
193Min.	-115	-3431.95	2SLU	-5.30	2SLU	-0.22	1SLU	0.48	3SLE R
193Min.	-118	-3392.04	2SLU	-5.30	2SLU	-0.21	1SLU	0.48	3SLE R
193Min.	-239	-2236.39	2SLU	-5.30	2SLU	0.90	3SLE R	0.48	3SLE R
193Min.	-236	-2299.61	2SLU	-5.30	2SLU	0.90	3SLE R	0.48	3SLE R
193Max	-110	-2708.91	3SLE R	-3.78	3SLE R	-0.18	3SLE R	0.66	2SLU
193Max	-112	-2680.64	3SLE R	-3.78	3SLE R	-0.17	4SLE R	0.66	2SLU
193Max	-233	-1792.32	3SLE R	-3.78	3SLE R	1.23	2SLU	0.66	2SLU
193Max	-231	-1837.23	3SLE R	-3.78	3SLE R	1.22	2SLU	0.66	2SLU
193Min.	-110	-3741.13	2SLU	-5.42	2SLU	-0.24	2SLU	0.48	3SLE R
193Min.	-112	-3701.33	2SLU	-5.42	2SLU	-0.23	1SLU	0.48	3SLE R
193Min.	-233	-2545.41	2SLU	-5.42	2SLU	0.89	3SLE R	0.48	3SLE R
193Min.	-231	-2609.05	2SLU	-5.42	2SLU	0.88	3SLE R	0.48	3SLE R
193Max	-68	-2295.18	3SLE R	-4.04	4SLE R	-0.11	3SLE R	0.35	2SLU
193Max	59	-2288.98	3SLE R	-4.04	4SLE R	-0.11	3SLE R	0.37	2SLU
193Max	1059	-1712.55	3SLE R	-4.04	4SLE R	0.65	2SLU	0.37	2SLU
193Max	-190	-1737.23	3SLE R	-4.04	4SLE R	0.63	2SLU	0.35	2SLU
193Min.	-68	-3188.05	2SLU	-5.91	1SLU	-0.15	2SLU	0.26	3SLE R
193Min.	59	-3178.69	2SLU	-5.91	1SLU	-0.15	2SLU	0.27	3SLE R
193Min.	1059	-2428.88	2SLU	-5.91	1SLU	0.47	3SLE R	0.27	3SLE R
193Min.	-190	-2463.17	2SLU	-5.91	1SLU	0.46	3SLE R	0.26	3SLE R
193Max	-78	-3039.21	3SLE R	-3.62	3SLE R	-0.16	3SLE R	0.52	2SLU
193Max	80	-3017.35	3SLE R	-3.62	3SLE R	-0.16	3SLE R	0.54	2SLU
193Max	1081	-2218.76	3SLE R	-3.62	3SLE R	0.96	2SLU	0.54	2SLU
193Max	-200	-2256.54	3SLE R	-3.62	3SLE R	0.94	2SLU	0.52	2SLU
193Min.	-78	-4217.05	2SLU	-5.19	2SLU	-0.21	2SLU	0.38	3SLE R
193Min.	80	-4186.30	2SLU	-5.19	2SLU	-0.22	2SLU	0.39	3SLE R
193Min.	1081	-3147.08	2SLU	-5.19	2SLU	0.70	3SLE R	0.39	3SLE R
193Min.	-200	-3200.65	2SLU	-5.19	2SLU	0.68	3SLE R	0.38	3SLE R
193Max	106	-673.84	3SLE R	-0.39	3SLE R	-0.04	3SLE R	0.16	2SLU
193Max	115	-672.67	3SLE R	-0.39	3SLE R	-0.04	3SLE R	0.16	2SLU
193Max	1116	-465.57	3SLE R	-0.39	3SLE R	0.28	2SLU	0.16	2SLU
193Max	1107	-468.44	3SLE R	-0.39	3SLE R	0.28	2SLU	0.16	2SLU
193Min.	106	-931.88	2SLU	-0.55	2SLU	-0.06	2SLU	0.11	3SLE R
193Min.	115	-930.24	2SLU	-0.55	2SLU	-0.06	2SLU	0.11	3SLE R
193Min.	1116	-660.89	2SLU	-0.55	2SLU	0.21	3SLE R	0.11	3SLE R
193Min.	1107	-664.97	2SLU	-0.55	2SLU	0.21	3SLE R	0.11	3SLE R



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194Max	61	-3038.76	3SLE R	12.07	2SLU	0.01	2SLU	0.62	2SLU
194Max	-75	-3039.95	3SLE R	12.07	2SLU	0.08	2SLU	0.54	2SLU
194Max	-197	-2234.17	3SLE R	12.07	2SLU	1.27	2SLU	0.54	2SLU
194Max	1061	-2194.55	3SLE R	12.07	2SLU	1.38	2SLU	0.62	2SLU
194Min.	61	-4220.40	2SLU	8.73	3SLE R	0.01	3SLE R	0.44	3SLE R
194Min.	-75	-4222.14	2SLU	8.73	3SLE R	0.06	3SLE R	0.38	3SLE R
194Min.	-197	-3176.19	2SLU	8.73	3SLE R	0.90	3SLE R	0.38	3SLE R
194Min.	1061	-3121.35	2SLU	8.73	3SLE R	0.98	3SLE R	0.44	3SLE R
194Max	58	-2823.08	3SLE R	8.66	2SLU	0.43	2SLU	0.00	1SLU
194Max	57	-2821.70	3SLE R	8.66	2SLU	0.46	2SLU	-0.03	3SLE R
194Max	1057	-2182.41	3SLE R	8.66	2SLU	0.38	2SLU	-0.03	3SLE R
194Max	1058	-2156.11	3SLE R	8.66	2SLU	0.43	2SLU	0.00	1SLU
194Min.	58	-3919.05	2SLU	6.29	3SLE R	0.30	3SLE R	-0.00	4SLE R
194Min.	57	-3917.23	2SLU	6.29	3SLE R	0.33	3SLE R	-0.04	2SLU
194Min.	1057	-3087.23	2SLU	6.29	3SLE R	0.27	3SLE R	-0.04	2SLU
194Min.	1058	-3050.93	2SLU	6.29	3SLE R	0.30	3SLE R	-0.00	4SLE R
194Max	57	-3923.95	3SLE R	16.03	1SLU	0.63	2SLU	-0.04	3SLE R
194Max	56	-3921.61	3SLE R	16.03	1SLU	0.69	2SLU	-0.09	3SLE R
194Max	1056	-3053.51	3SLE R	16.03	1SLU	0.43	2SLU	-0.09	3SLE R
194Max	1057	-3004.54	3SLE R	16.03	1SLU	0.52	2SLU	-0.04	3SLE R
194Min.	57	-5446.58	2SLU	11.42	4SLE R	0.45	3SLE R	-0.05	2SLU
194Min.	56	-5444.39	2SLU	11.42	4SLE R	0.49	3SLE R	-0.12	2SLU
194Min.	1056	-4316.98	2SLU	11.42	4SLE R	0.30	3SLE R	-0.12	2SLU
194Min.	1057	-4250.24	2SLU	11.42	4SLE R	0.37	3SLE R	-0.05	2SLU
194Max	63	-2680.79	3SLE R	11.00	2SLU	-0.07	3SLE R	0.70	2SLU
194Max	62	-2680.57	3SLE R	11.00	2SLU	-0.03	4SLE R	0.63	2SLU
194Max	1062	-1941.80	3SLE R	11.00	2SLU	1.35	2SLU	0.63	2SLU
194Max	1063	-1907.06	3SLE R	11.00	2SLU	1.44	2SLU	0.70	2SLU
194Min.	63	-3723.46	2SLU	7.95	3SLE R	-0.10	2SLU	0.50	3SLE R
194Min.	62	-3723.19	2SLU	7.95	3SLE R	-0.04	1SLU	0.45	3SLE R
194Min.	1062	-2764.28	2SLU	7.95	3SLE R	0.96	3SLE R	0.45	3SLE R
194Min.	1063	-2716.12	2SLU	7.95	3SLE R	1.02	3SLE R	0.50	3SLE R
194Max	64	-3228.47	3SLE R	15.55	2SLU	-0.29	3SLE R	1.25	2SLU
194Max	-77	-3234.36	3SLE R	15.55	2SLU	-0.22	3SLE R	1.14	2SLU
194Max	-199	-2273.64	3SLE R	15.55	2SLU	2.18	2SLU	1.14	2SLU
194Max	1064	-2218.36	3SLE R	15.55	2SLU	2.33	2SLU	1.25	2SLU
194Min.	64	-4484.34	2SLU	11.22	3SLE R	-0.41	2SLU	0.89	3SLE R
194Min.	-77	-4492.58	2SLU	11.22	3SLE R	-0.32	2SLU	0.81	3SLE R
194Min.	-199	-3245.76	2SLU	11.22	3SLE R	1.55	3SLE R	0.81	3SLE R
194Min.	1064	-3169.08	2SLU	11.22	3SLE R	1.66	3SLE R	0.89	3SLE R
194Max	-74	-3161.63	3SLE R	12.06	2SLU	0.14	2SLU	0.47	2SLU
194Max	-73	-3162.82	3SLE R	12.06	2SLU	0.21	2SLU	0.39	2SLU
194Max	-195	-2357.04	3SLE R	12.06	2SLU	1.06	2SLU	0.39	2SLU
194Max	-196	-2317.41	3SLE R	12.06	2SLU	1.17	2SLU	0.47	2SLU
194Min.	-74	-4390.67	2SLU	8.74	3SLE R	0.10	3SLE R	0.33	3SLE R
194Min.	-73	-4392.42	2SLU	8.74	3SLE R	0.15	3SLE R	0.27	3SLE R
194Min.	-195	-3346.45	2SLU	8.74	3SLE R	0.75	3SLE R	0.27	3SLE R
194Min.	-196	-3291.64	2SLU	8.74	3SLE R	0.83	3SLE R	0.33	3SLE R
194Max	-73	-3223.04	3SLE R	11.97	2SLU	0.21	2SLU	0.39	2SLU
194Max	60	-3224.28	3SLE R	11.97	2SLU	0.27	2SLU	0.31	2SLU
194Max	1060	-2418.37	3SLE R	11.97	2SLU	0.96	2SLU	0.31	2SLU
194Max	-195	-2378.94	3SLE R	11.97	2SLU	1.06	2SLU	0.39	2SLU
194Min.	-73	-4475.74	2SLU	8.68	3SLE R	0.15	3SLE R	0.27	3SLE R
194Min.	60	-4477.56	2SLU	8.68	3SLE R	0.19	3SLE R	0.22	3SLE R
194Min.	1060	-3431.40	2SLU	8.68	3SLE R	0.68	3SLE R	0.22	3SLE R
194Min.	-195	-3376.90	2SLU	8.68	3SLE R	0.75	3SLE R	0.27	3SLE R
194Max	62	-2732.36	3SLE R	10.82	2SLU	-0.03	4SLE R	0.63	2SLU
194Max	61	-2732.27	3SLE R	10.82	2SLU	0.01	2SLU	0.57	2SLU
194Max	1061	-1993.22	3SLE R	10.82	2SLU	1.26	2SLU	0.57	2SLU
194Max	1062	-1958.91	3SLE R	10.82	2SLU	1.35	2SLU	0.63	2SLU
194Min.	62	-3794.99	2SLU	7.82	3SLE R	-0.04	1SLU	0.45	3SLE R
194Min.	61	-3794.92	2SLU	7.82	3SLE R	0.01	3SLE R	0.40	3SLE R
194Min.	1061	-2835.59	2SLU	7.82	3SLE R	0.90	3SLE R	0.40	3SLE R
194Min.	1062	-2788.06	2SLU	7.82	3SLE R	0.96	3SLE R	0.45	3SLE R
194Max	-72	-3424.55	3SLE R	10.76	2SLU	0.38	2SLU	0.19	2SLU
194Max	-71	-3427.88	3SLE R	10.76	2SLU	0.43	2SLU	0.13	2SLU
194Max	-193	-2611.35	3SLE R	10.76	2SLU	0.72	2SLU	0.13	2SLU
194Max	-194	-2573.89	3SLE R	10.76	2SLU	0.81	2SLU	0.19	2SLU
194Min.	-72	-4754.92	2SLU	7.76	3SLE R	0.27	3SLE R	0.13	3SLE R



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194Min.	-71	-4759.47	2SLU	7.76	3SLE R	0.31	3SLE R	0.09	3SLE R
194Min.	-193	-3699.47	2SLU	7.76	3SLE R	0.51	3SLE R	0.09	3SLE R
194Min.	-194	-3647.57	2SLU	7.76	3SLE R	0.57	3SLE R	0.13	3SLE R
194Max	-71	-3485.45	3SLE R	10.70	2SLU	0.43	2SLU	0.13	2SLU
194Max	-70	-3488.82	3SLE R	10.70	2SLU	0.49	2SLU	0.07	1SLU
194Max	-192	-2672.19	3SLE R	10.70	2SLU	0.64	2SLU	0.07	1SLU
194Max	-193	-2634.89	3SLE R	10.70	2SLU	0.72	2SLU	0.13	2SLU
194Min.	-71	-4839.17	2SLU	7.71	3SLE R	0.31	3SLE R	0.09	3SLE R
194Min.	-70	-4843.78	2SLU	7.71	3SLE R	0.35	3SLE R	0.04	4SLE R
194Min.	-192	-3783.64	2SLU	7.71	3SLE R	0.45	3SLE R	0.04	4SLE R
194Min.	-193	-3731.97	2SLU	7.71	3SLE R	0.51	3SLE R	0.09	3SLE R
194Max	59	-3363.48	3SLE R	10.87	2SLU	0.32	2SLU	0.26	2SLU
194Max	-72	-3366.74	3SLE R	10.87	2SLU	0.38	2SLU	0.19	2SLU
194Max	-194	-2550.38	3SLE R	10.87	2SLU	0.81	2SLU	0.19	2SLU
194Max	1059	-2512.65	3SLE R	10.87	2SLU	0.89	2SLU	0.26	2SLU
194Min.	59	-4670.43	2SLU	7.83	3SLE R	0.23	3SLE R	0.18	3SLE R
194Min.	-72	-4674.87	2SLU	7.83	3SLE R	0.27	3SLE R	0.13	3SLE R
194Min.	-194	-3615.12	2SLU	7.83	3SLE R	0.57	3SLE R	0.13	3SLE R
194Min.	1059	-3562.83	2SLU	7.83	3SLE R	0.63	3SLE R	0.18	3SLE R
194Max	-75	-3100.15	3SLE R	12.08	2SLU	0.08	2SLU	0.54	2SLU
194Max	-74	-3101.33	3SLE R	12.08	2SLU	0.14	2SLU	0.47	2SLU
194Max	-196	-2295.58	3SLE R	12.08	2SLU	1.17	2SLU	0.47	2SLU
194Max	-197	-2255.91	3SLE R	12.08	2SLU	1.27	2SLU	0.54	2SLU
194Min.	-75	-4305.49	2SLU	8.75	3SLE R	0.06	3SLE R	0.38	3SLE R
194Min.	-74	-4307.21	2SLU	8.75	3SLE R	0.10	3SLE R	0.33	3SLE R
194Min.	-196	-3261.30	2SLU	8.75	3SLE R	0.83	3SLE R	0.33	3SLE R
194Min.	-197	-3206.41	2SLU	8.75	3SLE R	0.90	3SLE R	0.38	3SLE R
194Max	-76	-3410.85	3SLE R	14.89	2SLU	-0.16	3SLE R	1.02	2SLU
194Max	63	-3417.05	3SLE R	14.89	2SLU	-0.09	3SLE R	0.91	2SLU
194Max	1063	-2455.28	3SLE R	14.89	2SLU	1.88	2SLU	0.91	2SLU
194Max	-198	-2401.79	3SLE R	14.89	2SLU	2.03	2SLU	1.02	2SLU
194Min.	-76	-4737.54	2SLU	10.75	3SLE R	-0.22	2SLU	0.73	3SLE R
194Min.	63	-4746.22	2SLU	10.75	3SLE R	-0.13	2SLU	0.65	3SLE R
194Min.	1063	-3497.93	2SLU	10.75	3SLE R	1.33	3SLE R	0.65	3SLE R
194Min.	-198	-3423.75	2SLU	10.75	3SLE R	1.44	3SLE R	0.73	3SLE R
194Max	60	-2458.69	3SLE R	8.10	2SLU	0.20	2SLU	0.23	2SLU
194Max	59	-2457.16	3SLE R	8.10	2SLU	0.24	2SLU	0.19	2SLU
194Max	1059	-1851.31	3SLE R	8.10	2SLU	0.66	2SLU	0.19	2SLU
194Max	1060	-1827.05	3SLE R	8.10	2SLU	0.72	2SLU	0.23	2SLU
194Min.	60	-3414.19	2SLU	5.86	3SLE R	0.15	3SLE R	0.16	3SLE R
194Min.	59	-3412.10	2SLU	5.86	3SLE R	0.17	3SLE R	0.13	3SLE R
194Min.	1059	-2625.55	2SLU	5.86	3SLE R	0.47	3SLE R	0.13	3SLE R
194Min.	1060	-2591.99	2SLU	5.86	3SLE R	0.51	3SLE R	0.16	3SLE R
194Max	65	-3061.10	3SLE R	11.40	2SLU	-0.35	3SLE R	1.33	2SLU
194Max	64	-3073.14	3SLE R	11.40	2SLU	-0.29	3SLE R	1.22	2SLU
194Max	1064	-2127.95	3SLE R	11.40	2SLU	2.28	2SLU	1.22	2SLU
194Max	1065	-2081.29	3SLE R	11.40	2SLU	2.43	2SLU	1.33	2SLU
194Min.	65	-4252.47	2SLU	7.87	3SLE R	-0.49	2SLU	0.94	3SLE R
194Min.	64	-4268.14	2SLU	7.87	3SLE R	-0.40	2SLU	0.87	3SLE R
194Min.	1064	-3041.97	2SLU	7.87	3SLE R	1.62	3SLE R	0.87	3SLE R
194Min.	1065	-2976.13	2SLU	7.87	3SLE R	1.72	3SLE R	0.94	3SLE R
194Max	-70	-3546.28	3SLE R	10.66	2SLU	0.49	2SLU	0.07	1SLU
194Max	58	-3549.67	3SLE R	10.66	2SLU	0.54	2SLU	0.01	1SLU
194Max	1058	-2732.99	3SLE R	10.66	2SLU	0.55	2SLU	0.01	1SLU
194Max	-192	-2695.77	3SLE R	10.66	2SLU	0.64	2SLU	0.07	1SLU
194Min.	-70	-4923.35	2SLU	7.69	3SLE R	0.35	3SLE R	0.04	4SLE R
194Min.	58	-4927.99	2SLU	7.69	3SLE R	0.39	3SLE R	-0.00	4SLE R
194Min.	1058	-3867.78	2SLU	7.69	3SLE R	0.39	3SLE R	-0.00	4SLE R
194Min.	-192	-3816.21	2SLU	7.69	3SLE R	0.45	3SLE R	0.04	4SLE R
194Max	-77	-3320.17	3SLE R	15.29	2SLU	-0.22	3SLE R	1.14	2SLU
194Max	-76	-3326.19	3SLE R	15.29	2SLU	-0.16	3SLE R	1.02	2SLU
194Max	-198	-2365.04	3SLE R	15.29	2SLU	2.03	2SLU	1.02	2SLU
194Max	-199	-2310.48	3SLE R	15.29	2SLU	2.18	2SLU	1.14	2SLU
194Min.	-77	-4611.66	2SLU	11.03	3SLE R	-0.32	2SLU	0.81	3SLE R
194Min.	-76	-4620.08	2SLU	11.03	3SLE R	-0.22	2SLU	0.73	3SLE R
194Min.	-198	-3372.67	2SLU	11.03	3SLE R	1.44	3SLE R	0.73	3SLE R
194Min.	-199	-3296.98	2SLU	11.03	3SLE R	1.55	3SLE R	0.81	3SLE R
195Max	25	-3889.80	3SLE R	-2.81	4SLE R	0.19	2SLU	-0.27	3SLE R
195Max	-24	-3917.67	3SLE R	-2.81	4SLE R	0.19	2SLU	-0.27	3SLE R



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195Max	-146	-3178.12	3SLE R	-2.81	4SLE R	-0.45	3SLE R	-0.27	3SLE R
195Max	1025	-3162.68	3SLE R	-2.81	4SLE R	-0.46	3SLE R	-0.27	3SLE R
195Min.	25	-5417.64	2SLU	-3.80	1SLU	0.14	3SLE R	-0.38	2SLU
195Min.	-24	-5456.58	2SLU	-3.80	1SLU	0.14	3SLE R	-0.37	2SLU
195Min.	-146	-4494.94	2SLU	-3.80	1SLU	-0.62	2SLU	-0.37	2SLU
195Min.	1025	-4472.61	2SLU	-3.80	1SLU	-0.64	2SLU	-0.38	2SLU
195Max	56	-2293.09	3SLE R	-1.05	3SLE R	0.13	2SLU	-0.23	3SLE R
195Max	55	-2306.31	3SLE R	-1.05	3SLE R	0.13	2SLU	-0.23	3SLE R
195Max	1055	-1788.38	3SLE R	-1.05	3SLE R	-0.41	3SLE R	-0.23	3SLE R
195Max	1056	-1779.77	3SLE R	-1.05	3SLE R	-0.42	3SLE R	-0.23	3SLE R
195Min.	56	-3183.47	2SLU	-1.42	2SLU	0.10	3SLE R	-0.32	2SLU
195Min.	55	-3202.05	2SLU	-1.42	2SLU	0.10	3SLE R	-0.32	2SLU
195Min.	1055	-2528.62	2SLU	-1.42	2SLU	-0.57	2SLU	-0.32	2SLU
195Min.	1056	-2516.28	2SLU	-1.42	2SLU	-0.58	2SLU	-0.32	2SLU
195Max	33	-4555.83	3SLE R	-2.74	3SLE R	0.23	2SLU	-0.35	3SLE R
195Max	-30	-4593.71	3SLE R	-2.74	3SLE R	0.23	2SLU	-0.34	3SLE R
195Max	-152	-3693.94	3SLE R	-2.74	3SLE R	-0.58	3SLE R	-0.34	3SLE R
195Max	1033	-3668.10	3SLE R	-2.74	3SLE R	-0.60	3SLE R	-0.35	3SLE R
195Min.	33	-6340.95	2SLU	-3.77	2SLU	0.17	3SLE R	-0.49	2SLU
195Min.	-30	-6394.35	2SLU	-3.77	2SLU	0.17	3SLE R	-0.47	2SLU
195Min.	-152	-5224.17	2SLU	-3.77	2SLU	-0.81	2SLU	-0.47	2SLU
195Min.	1033	-5187.38	2SLU	-3.77	2SLU	-0.83	2SLU	-0.49	2SLU
195Max	42	-4713.63	3SLE R	-2.86	3SLE R	0.26	2SLU	-0.43	3SLE R
195Max	41	-4759.78	3SLE R	-2.86	3SLE R	0.26	2SLU	-0.42	3SLE R
195Max	1041	-3756.61	3SLE R	-2.86	3SLE R	-0.73	3SLE R	-0.42	3SLE R
195Max	1042	-3723.06	3SLE R	-2.86	3SLE R	-0.75	3SLE R	-0.43	3SLE R
195Min.	42	-6551.75	2SLU	-3.92	2SLU	0.19	3SLE R	-0.59	2SLU
195Min.	41	-6616.81	2SLU	-3.92	2SLU	0.19	3SLE R	-0.57	2SLU
195Min.	1041	-5312.24	2SLU	-3.92	2SLU	-1.01	2SLU	-0.57	2SLU
195Min.	1042	-5264.44	2SLU	-3.92	2SLU	-1.04	2SLU	-0.59	2SLU
195Max	-24	-3954.86	3SLE R	-2.69	4SLE R	0.19	2SLU	-0.27	3SLE R
195Max	-20	-3982.60	3SLE R	-2.69	4SLE R	0.19	2SLU	-0.26	3SLE R
195Max	-142	-3243.31	3SLE R	-2.69	4SLE R	-0.43	3SLE R	-0.26	3SLE R
195Max	-146	-3227.48	3SLE R	-2.69	4SLE R	-0.45	3SLE R	-0.27	3SLE R
195Min.	-24	-5509.66	2SLU	-3.64	1SLU	0.14	3SLE R	-0.37	2SLU
195Min.	-20	-5548.43	2SLU	-3.64	1SLU	0.14	3SLE R	-0.36	2SLU
195Min.	-142	-4587.14	2SLU	-3.64	1SLU	-0.60	2SLU	-0.36	2SLU
195Min.	-146	-4564.29	2SLU	-3.64	1SLU	-0.62	2SLU	-0.37	2SLU
195Max	-20	-4020.34	3SLE R	-2.55	4SLE R	0.19	2SLU	-0.26	3SLE R
195Max	9	-4047.94	3SLE R	-2.55	4SLE R	0.20	2SLU	-0.25	3SLE R
195Max	1009	-3308.95	3SLE R	-2.55	4SLE R	-0.42	3SLE R	-0.25	3SLE R
195Max	-142	-3292.66	3SLE R	-2.55	4SLE R	-0.43	3SLE R	-0.26	3SLE R
195Min.	-20	-5602.28	2SLU	-3.45	1SLU	0.14	3SLE R	-0.36	2SLU
195Min.	9	-5640.85	2SLU	-3.45	1SLU	0.14	3SLE R	-0.35	2SLU
195Min.	1009	-4679.98	2SLU	-3.45	1SLU	-0.58	2SLU	-0.35	2SLU
195Min.	-142	-4656.49	2SLU	-3.45	1SLU	-0.60	2SLU	-0.36	2SLU
195Max	-79	-3521.39	3SLE R	-2.05	3SLE R	0.20	2SLU	-0.37	3SLE R
195Max	56	-3552.77	3SLE R	-2.05	3SLE R	0.21	2SLU	-0.37	3SLE R
195Max	1056	-2740.46	3SLE R	-2.05	3SLE R	-0.66	3SLE R	-0.37	3SLE R
195Max	-201	-2718.08	3SLE R	-2.05	3SLE R	-0.67	3SLE R	-0.37	3SLE R
195Min.	-79	-4886.79	2SLU	-2.73	2SLU	0.15	3SLE R	-0.51	2SLU
195Min.	56	-4930.85	2SLU	-2.73	2SLU	0.15	3SLE R	-0.51	2SLU
195Min.	1056	-3874.70	2SLU	-2.73	2SLU	-0.91	2SLU	-0.51	2SLU
195Min.	-201	-3842.63	2SLU	-2.73	2SLU	-0.93	2SLU	-0.51	2SLU
195Max	41	-3436.33	3SLE R	-1.64	3SLE R	0.18	2SLU	-0.30	3SLE R
195Max	-49	-3460.09	3SLE R	-1.64	3SLE R	0.18	2SLU	-0.29	3SLE R
195Max	-171	-2746.07	3SLE R	-1.64	3SLE R	-0.51	3SLE R	-0.29	3SLE R
195Max	1041	-2729.52	3SLE R	-1.64	3SLE R	-0.52	3SLE R	-0.30	3SLE R
195Min.	41	-4778.27	2SLU	-2.31	2SLU	0.13	3SLE R	-0.41	2SLU
195Min.	-49	-4811.89	2SLU	-2.31	2SLU	0.13	3SLE R	-0.40	2SLU
195Min.	-171	-3883.27	2SLU	-2.31	2SLU	-0.70	2SLU	-0.40	2SLU
195Min.	1041	-3859.82	2SLU	-2.31	2SLU	-0.72	2SLU	-0.41	2SLU
195Max	50	-3028.12	3SLE R	-1.71	3SLE R	0.17	2SLU	-0.29	3SLE R
195Max	42	-3049.08	3SLE R	-1.71	3SLE R	0.17	2SLU	-0.28	3SLE R
195Max	1042	-2392.20	3SLE R	-1.71	3SLE R	-0.49	3SLE R	-0.28	3SLE R
195Max	1050	-2378.75	3SLE R	-1.71	3SLE R	-0.51	3SLE R	-0.29	3SLE R
195Min.	50	-4207.36	2SLU	-2.34	2SLU	0.12	3SLE R	-0.39	2SLU
195Min.	42	-4236.87	2SLU	-2.34	2SLU	0.12	3SLE R	-0.39	2SLU
195Min.	1042	-3382.67	2SLU	-2.34	2SLU	-0.68	2SLU	-0.39	2SLU



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195Min.	1050	-3363.43	2SLU	-2.34	2SLU	-0.70	2SLU	-0.39	2SLU
195Max	-49	-3496.52	3SLE R	-1.68	3SLE R	0.18	2SLU	-0.29	3SLE R
195Max	-45	-3520.32	3SLE R	-1.68	3SLE R	0.19	2SLU	-0.28	3SLE R
195Max	-167	-2806.21	3SLE R	-1.68	3SLE R	-0.49	3SLE R	-0.28	3SLE R
195Max	-171	-2789.79	3SLE R	-1.68	3SLE R	-0.51	3SLE R	-0.29	3SLE R
195Min.	-49	-4863.49	2SLU	-2.37	2SLU	0.13	3SLE R	-0.40	2SLU
195Min.	-45	-4897.18	2SLU	-2.37	2SLU	0.13	3SLE R	-0.39	2SLU
195Min.	-167	-3968.42	2SLU	-2.37	2SLU	-0.68	2SLU	-0.39	2SLU
195Min.	-171	-3945.16	2SLU	-2.37	2SLU	-0.70	2SLU	-0.40	2SLU
195Max	100	-4059.33	3SLE R	-1.70	3SLE R	0.24	2SLU	-0.51	3SLE R
195Max	86	-4107.75	3SLE R	-1.70	3SLE R	0.25	2SLU	-0.50	3SLE R
195Max	1087	-3072.75	3SLE R	-1.70	3SLE R	-0.91	3SLE R	-0.50	3SLE R
195Max	1101	-3031.82	3SLE R	-1.70	3SLE R	-0.93	3SLE R	-0.51	3SLE R
195Min.	100	-5620.75	2SLU	-2.27	2SLU	0.18	3SLE R	-0.70	2SLU
195Min.	86	-5689.01	2SLU	-2.27	2SLU	0.18	3SLE R	-0.68	2SLU
195Min.	1087	-4343.39	2SLU	-2.27	2SLU	-1.26	2SLU	-0.68	2SLU
195Min.	1101	-4285.13	2SLU	-2.27	2SLU	-1.29	2SLU	-0.70	2SLU
195Max	86	-2504.85	3SLE R	-1.09	3SLE R	0.15	2SLU	-0.30	3SLE R
195Max	84	-2523.21	3SLE R	-1.09	3SLE R	0.15	2SLU	-0.30	3SLE R
195Max	1085	-1902.05	3SLE R	-1.09	3SLE R	-0.54	3SLE R	-0.30	3SLE R
195Max	1087	-1888.51	3SLE R	-1.09	3SLE R	-0.55	3SLE R	-0.30	3SLE R
195Min.	86	-3470.53	2SLU	-1.47	2SLU	0.11	3SLE R	-0.41	2SLU
195Min.	84	-3496.36	2SLU	-1.47	2SLU	0.11	3SLE R	-0.41	2SLU
195Min.	1085	-2688.74	2SLU	-1.47	2SLU	-0.74	2SLU	-0.41	2SLU
195Min.	1087	-2669.39	2SLU	-1.47	2SLU	-0.76	2SLU	-0.41	2SLU
195Max	114	-650.32	3SLE R	-0.07	3SLE R	0.04	2SLU	-0.09	3SLE R
195Max	103	-651.75	3SLE R	-0.07	3SLE R	0.04	2SLU	-0.09	3SLE R
195Max	1104	-479.71	3SLE R	-0.07	3SLE R	-0.16	3SLE R	-0.09	3SLE R
195Max	1115	-478.61	3SLE R	-0.07	3SLE R	-0.16	3SLE R	-0.09	3SLE R
195Min.	114	-899.62	2SLU	-0.10	2SLU	0.03	3SLE R	-0.12	2SLU
195Min.	103	-901.62	2SLU	-0.10	2SLU	0.03	3SLE R	-0.12	2SLU
195Min.	1104	-677.97	2SLU	-0.10	2SLU	-0.22	2SLU	-0.12	2SLU
195Min.	1115	-676.40	2SLU	-0.10	2SLU	-0.22	2SLU	-0.12	2SLU
195Max	81	-3441.04	3SLE R	-2.02	3SLE R	0.20	2SLU	-0.38	3SLE R
195Max	-79	-3472.39	3SLE R	-2.02	3SLE R	0.20	2SLU	-0.37	3SLE R
195Max	-201	-2660.14	3SLE R	-2.02	3SLE R	-0.67	3SLE R	-0.37	3SLE R
195Max	1082	-2637.66	3SLE R	-2.02	3SLE R	-0.69	3SLE R	-0.38	3SLE R
195Min.	81	-4772.98	2SLU	-2.68	2SLU	0.15	3SLE R	-0.52	2SLU
195Min.	-79	-4817.00	2SLU	-2.68	2SLU	0.15	3SLE R	-0.51	2SLU
195Min.	-201	-3760.94	2SLU	-2.68	2SLU	-0.93	2SLU	-0.51	2SLU
195Min.	1082	-3728.72	2SLU	-2.68	2SLU	-0.95	2SLU	-0.52	2SLU
195Max	55	-4515.18	3SLE R	-2.50	3SLE R	0.25	2SLU	-0.45	3SLE R
195Max	50	-4561.10	3SLE R	-2.50	3SLE R	0.26	2SLU	-0.43	3SLE R
195Max	1050	-3558.73	3SLE R	-2.50	3SLE R	-0.77	3SLE R	-0.43	3SLE R
195Max	1055	-3523.80	3SLE R	-2.50	3SLE R	-0.80	3SLE R	-0.45	3SLE R
195Min.	55	-6270.68	2SLU	-3.40	2SLU	0.19	3SLE R	-0.62	2SLU
195Min.	50	-6335.42	2SLU	-3.40	2SLU	0.19	3SLE R	-0.60	2SLU
195Min.	1050	-5031.99	2SLU	-3.40	2SLU	-1.06	2SLU	-0.60	2SLU
195Min.	1055	-4982.22	2SLU	-3.40	2SLU	-1.10	2SLU	-0.62	2SLU
195Max	-113	-3071.52	3SLE R	-0.77	3SLE R	0.18	1SLU	-0.43	3SLE R
195Max	116	-3104.95	3SLE R	-0.77	3SLE R	0.19	1SLU	-0.43	3SLE R
195Max	1117	-2243.89	3SLE R	-0.77	3SLE R	-0.80	3SLE R	-0.43	3SLE R
195Max	-234	-2213.83	3SLE R	-0.77	3SLE R	-0.80	3SLE R	-0.43	3SLE R
195Min.	-113	-4243.23	2SLU	-0.96	2SLU	0.13	4SLE R	-0.58	2SLU
195Min.	116	-4290.30	2SLU	-0.96	2SLU	0.14	4SLE R	-0.59	2SLU
195Min.	1117	-3171.00	2SLU	-0.96	2SLU	-1.10	2SLU	-0.59	2SLU
195Min.	-234	-3128.16	2SLU	-0.96	2SLU	-1.11	2SLU	-0.58	2SLU
195Max	116	-3678.74	3SLE R	-1.15	3SLE R	0.22	1SLU	-0.49	3SLE R
195Max	114	-3723.81	3SLE R	-1.15	3SLE R	0.23	2SLU	-0.50	3SLE R
195Max	1115	-2724.40	3SLE R	-1.15	3SLE R	-0.92	3SLE R	-0.50	3SLE R
195Max	1117	-2684.40	3SLE R	-1.15	3SLE R	-0.93	3SLE R	-0.49	3SLE R
195Min.	116	-5086.05	2SLU	-1.51	2SLU	0.16	4SLE R	-0.68	2SLU
195Min.	114	-5149.60	2SLU	-1.51	2SLU	0.17	3SLE R	-0.68	2SLU
195Min.	1115	-3850.35	2SLU	-1.51	2SLU	-1.27	2SLU	-0.68	2SLU
195Min.	1117	-3793.44	2SLU	-1.51	2SLU	-1.28	2SLU	-0.68	2SLU
195Max	-45	-3556.61	3SLE R	-1.69	3SLE R	0.19	2SLU	-0.28	3SLE R
195Max	33	-3580.42	3SLE R	-1.69	3SLE R	0.19	2SLU	-0.28	3SLE R
195Max	1033	-2866.29	3SLE R	-1.69	3SLE R	-0.48	3SLE R	-0.28	3SLE R
195Max	-167	-2849.91	3SLE R	-1.69	3SLE R	-0.49	3SLE R	-0.28	3SLE R





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195Min.	-45	-4948.58	2SLU	-2.39	2SLU	0.13	3SLE R	-0.39	2SLU
195Min.	33	-4982.28	2SLU	-2.39	2SLU	0.13	3SLE R	-0.39	2SLU
195Min.	1033	-4053.49	2SLU	-2.39	2SLU	-0.66	2SLU	-0.39	2SLU
195Min.	-167	-4030.28	2SLU	-2.39	2SLU	-0.68	2SLU	-0.39	2SLU
195Max	-30	-4651.34	3SLE R	-2.64	3SLE R	0.23	2SLU	-0.34	3SLE R
195Max	25	-4689.14	3SLE R	-2.64	3SLE R	0.23	2SLU	-0.33	3SLE R
195Max	1025	-3789.58	3SLE R	-2.64	3SLE R	-0.56	3SLE R	-0.33	3SLE R
195Max	-152	-3763.40	3SLE R	-2.64	3SLE R	-0.58	3SLE R	-0.34	3SLE R
195Min.	-30	-6476.12	2SLU	-3.65	2SLU	0.17	3SLE R	-0.47	2SLU
195Min.	25	-6529.42	2SLU	-3.65	2SLU	0.17	3SLE R	-0.46	2SLU
195Min.	1025	-5359.52	2SLU	-3.65	2SLU	-0.78	2SLU	-0.46	2SLU
195Min.	-152	-5322.27	2SLU	-3.65	2SLU	-0.81	2SLU	-0.47	2SLU
195Max	-116	-2976.18	3SLE R	-0.65	3SLE R	0.17	1SLU	-0.42	3SLE R
195Max	-113	-3009.52	3SLE R	-0.65	3SLE R	0.18	1SLU	-0.43	3SLE R
195Max	-234	-2148.71	3SLE R	-0.65	3SLE R	-0.80	3SLE R	-0.43	3SLE R
195Max	-237	-2118.24	3SLE R	-0.65	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Min.	-116	-4108.24	2SLU	-0.79	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-113	-4155.16	2SLU	-0.79	2SLU	0.13	4SLE R	-0.58	2SLU
195Min.	-234	-3036.23	2SLU	-0.79	2SLU	-1.11	2SLU	-0.58	2SLU
195Min.	-237	-2992.79	2SLU	-0.79	2SLU	-1.11	2SLU	-0.58	2SLU
195Max	84	-2271.30	3SLE R	-2.08	3SLE R	0.25	2SLU	-0.49	3SLE R
195Max	81	-4319.92	3SLE R	-2.08	3SLE R	0.26	2SLU	-0.48	3SLE R
195Max	1082	-3284.09	3SLE R	-2.08	3SLE R	-0.87	3SLE R	-0.48	3SLE R
195Max	1085	-3244.63	3SLE R	-2.08	3SLE R	-0.90	3SLE R	-0.49	3SLE R
195Min.	84	-5920.97	2SLU	-2.81	2SLU	0.19	3SLE R	-0.68	2SLU
195Min.	81	-5989.54	2SLU	-2.81	2SLU	0.19	3SLE R	-0.66	2SLU
195Min.	1082	-4642.73	2SLU	-2.81	2SLU	-1.21	2SLU	-0.66	2SLU
195Min.	1085	-4586.54	2SLU	-2.81	2SLU	-1.24	2SLU	-0.68	2SLU
195Max	117	-2783.94	3SLE R	-0.36	1SLU	0.14	1SLU	-0.42	3SLE R
195Max	-119	-2817.02	3SLE R	-0.36	1SLU	0.15	1SLU	-0.42	3SLE R
195Max	-240	-1956.83	3SLE R	-0.36	1SLU	-0.81	3SLE R	-0.42	3SLE R
195Max	1118	-1925.38	3SLE R	-0.36	1SLU	-0.82	3SLE R	-0.42	3SLE R
195Min.	117	-3835.98	2SLU	-0.40	2SLU	0.11	4SLE R	-0.58	2SLU
195Min.	-119	-3882.55	2SLU	-0.40	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-240	-2764.49	2SLU	-0.40	2SLU	-1.12	2SLU	-0.58	2SLU
195Min.	1118	-2719.67	2SLU	-0.40	2SLU	-1.13	2SLU	-0.58	2SLU
195Max	-119	-2880.35	3SLE R	-0.52	3SLE R	0.15	1SLU	-0.42	3SLE R
195Max	-116	-2913.56	3SLE R	-0.52	3SLE R	0.17	1SLU	-0.42	3SLE R
195Max	-237	-2053.05	3SLE R	-0.52	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Max	-240	-2022.11	3SLE R	-0.52	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Min.	-119	-3972.52	2SLU	-0.60	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-116	-4019.27	2SLU	-0.60	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-237	-2900.76	2SLU	-0.60	2SLU	-1.11	2SLU	-0.58	2SLU
195Min.	-240	-2856.65	2SLU	-0.60	2SLU	-1.12	2SLU	-0.58	2SLU
195Max	103	-2898.44	3SLE R	1.82	1SLU	0.18	2SLU	-0.38	3SLE R
195Max	100	-2920.12	3SLE R	1.82	1SLU	0.18	2SLU	-0.37	3SLE R
195Max	1101	-2166.47	3SLE R	1.82	1SLU	-0.69	3SLE R	-0.37	3SLE R
195Max	1104	-2139.58	3SLE R	1.82	1SLU	-0.70	3SLE R	-0.38	3SLE R
195Min.	103	-4010.40	2SLU	0.89	4SLE R	0.13	3SLE R	-0.52	2SLU
195Min.	100	-4041.76	2SLU	0.89	4SLE R	0.13	3SLE R	-0.51	2SLU
195Min.	1101	-3061.66	2SLU	0.89	4SLE R	-0.95	2SLU	-0.51	2SLU
195Min.	1104	-3024.24	2SLU	0.89	4SLE R	-0.96	2SLU	-0.52	2SLU
196Max	-107	-2235.28	3SLE R	-14.62	3SLE R	0.31	2SLU	-0.79	3SLE R
196Max	112	-2225.67	3SLE R	-14.62	3SLE R	0.39	2SLU	-0.86	3SLE R
196Max	1113	-1189.76	3SLE R	-14.62	3SLE R	-1.62	3SLE R	-0.86	3SLE R
196Max	-228	-1263.68	3SLE R	-14.62	3SLE R	-1.53	3SLE R	-0.79	3SLE R
196Min.	-107	-3085.70	2SLU	-20.22	2SLU	0.22	3SLE R	-1.12	2SLU
196Min.	112	-3072.17	2SLU	-20.22	2SLU	0.28	3SLE R	-1.22	2SLU
196Min.	1113	-1722.80	2SLU	-20.22	2SLU	-2.29	2SLU	-1.22	2SLU
196Min.	-228	-1825.32	2SLU	-20.22	2SLU	-2.16	2SLU	-1.12	2SLU
196Max	107	-1932.97	3SLE R	-7.55	3SLE R	-0.14	3SLE R	-0.17	3SLE R
196Max	108	-1935.13	3SLE R	-7.55	3SLE R	-0.11	3SLE R	-0.20	3SLE R
196Max	1109	-1299.78	3SLE R	-7.55	3SLE R	-0.55	3SLE R	-0.20	3SLE R
196Max	1108	-1330.82	3SLE R	-7.55	3SLE R	-0.52	3SLE R	-0.17	3SLE R
196Min.	107	-2673.12	2SLU	-10.38	2SLU	-0.19	2SLU	-0.25	2SLU
196Min.	108	-2675.93	2SLU	-10.38	2SLU	-0.16	2SLU	-0.28	2SLU
196Min.	1109	-1848.71	2SLU	-10.38	2SLU	-0.78	2SLU	-0.28	2SLU
196Min.	1108	-1891.58	2SLU	-10.38	2SLU	-0.73	2SLU	-0.25	2SLU
196Max	110	-2835.73	3SLE R	-13.81	3SLE R	-0.09	3SLE R	-0.44	3SLE R



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196Max	111	-2826.74	3SLE R	-13.81	3SLE R	-0.03	3SLE R	-0.51	3SLE R
196Max	1112	-1799.50	3SLE R	-13.81	3SLE R	-1.14	3SLE R	-0.51	3SLE R
196Max	1111	-1869.23	3SLE R	-13.81	3SLE R	-1.05	3SLE R	-0.44	3SLE R
196Min.	110	-3920.10	2SLU	-19.06	2SLU	-0.12	2SLU	-0.62	2SLU
196Min.	111	-3907.37	2SLU	-19.06	2SLU	-0.03	2SLU	-0.72	2SLU
196Min.	1112	-2569.50	2SLU	-19.06	2SLU	-1.61	2SLU	-0.72	2SLU
196Min.	1111	-2666.09	2SLU	-19.06	2SLU	-1.48	2SLU	-0.62	2SLU
196Max	-100	-3286.53	3SLE R	12.84	2SLU	0.59	2SLU	-0.01	1SLU
196Max	103	-3292.91	3SLE R	12.84	2SLU	0.64	2SLU	-0.05	3SLE R
196Max	1104	-2436.83	3SLE R	12.84	2SLU	0.50	2SLU	-0.05	3SLE R
196Max	-221	-2389.48	3SLE R	12.84	2SLU	0.57	2SLU	-0.01	1SLU
196Min.	-100	-4546.59	2SLU	9.31	3SLE R	0.42	3SLE R	-0.01	4SLE R
196Min.	103	-4555.59	2SLU	9.31	3SLE R	0.46	3SLE R	-0.07	2SLU
196Min.	1104	-3444.30	2SLU	9.31	3SLE R	0.35	3SLE R	-0.07	2SLU
196Min.	-221	-3378.81	2SLU	9.31	3SLE R	0.40	3SLE R	-0.01	4SLE R
196Max	-102	-3124.86	3SLE R	13.20	2SLU	0.49	2SLU	0.11	2SLU
196Max	-101	-3131.01	3SLE R	13.20	2SLU	0.54	2SLU	0.05	1SLU
196Max	-222	-2275.51	3SLE R	13.20	2SLU	0.65	2SLU	0.05	1SLU
196Max	-223	-2227.23	3SLE R	13.20	2SLU	0.72	2SLU	0.11	2SLU
196Min.	-102	-4322.44	2SLU	9.58	3SLE R	0.35	3SLE R	0.07	3SLE R
196Min.	-101	-4331.13	2SLU	9.58	3SLE R	0.38	3SLE R	0.03	4SLE R
196Min.	-222	-3220.63	2SLU	9.58	3SLE R	0.45	3SLE R	0.03	4SLE R
196Min.	-223	-3153.87	2SLU	9.58	3SLE R	0.51	3SLE R	0.07	3SLE R
196Max	106	-1730.37	3SLE R	-5.72	3SLE R	-0.15	3SLE R	-0.11	3SLE R
196Max	-103	-1732.51	3SLE R	-5.72	3SLE R	-0.14	3SLE R	-0.13	3SLE R
196Max	-224	-1187.11	3SLE R	-5.72	3SLE R	-0.42	3SLE R	-0.13	3SLE R
196Max	1107	-1210.15	3SLE R	-5.72	3SLE R	-0.39	3SLE R	-0.11	3SLE R
196Min.	106	-2393.21	2SLU	-7.87	2SLU	-0.21	2SLU	-0.16	2SLU
196Min.	-103	-2396.03	2SLU	-7.87	2SLU	-0.19	2SLU	-0.18	2SLU
196Min.	-224	-1686.06	2SLU	-7.87	2SLU	-0.59	2SLU	-0.18	2SLU
196Min.	1107	-1717.86	2SLU	-7.87	2SLU	-0.56	2SLU	-0.16	2SLU
196Max	-103	-1698.77	3SLE R	-5.85	3SLE R	-0.14	3SLE R	-0.13	3SLE R
196Max	107	-1701.07	3SLE R	-5.85	3SLE R	-0.12	3SLE R	-0.15	3SLE R
196Max	1108	-1155.38	3SLE R	-5.85	3SLE R	-0.45	3SLE R	-0.15	3SLE R
196Max	-224	-1178.83	3SLE R	-5.85	3SLE R	-0.42	3SLE R	-0.13	3SLE R
196Min.	-103	-2349.37	2SLU	-8.05	2SLU	-0.19	2SLU	-0.18	2SLU
196Min.	107	-2352.43	2SLU	-8.05	2SLU	-0.17	2SLU	-0.21	2SLU
196Min.	1108	-1642.05	2SLU	-8.05	2SLU	-0.63	2SLU	-0.21	2SLU
196Min.	-224	-1674.43	2SLU	-8.05	2SLU	-0.59	2SLU	-0.18	2SLU
196Max	106	-2281.27	3SLE R	12.17	1SLU	0.28	2SLU	0.20	2SLU
196Max	105	-2278.91	3SLE R	12.17	1SLU	0.31	2SLU	0.16	2SLU
196Max	1106	-1610.97	3SLE R	12.17	1SLU	0.67	2SLU	0.16	2SLU
196Max	1107	-1574.20	3SLE R	12.17	1SLU	0.72	2SLU	0.20	2SLU
196Min.	106	-3154.93	2SLU	8.85	4SLE R	0.20	3SLE R	0.14	3SLE R
196Min.	105	-3152.15	2SLU	8.85	4SLE R	0.22	3SLE R	0.11	3SLE R
196Min.	1106	-2285.04	2SLU	8.85	4SLE R	0.47	3SLE R	0.11	3SLE R
196Min.	1107	-2234.55	2SLU	8.85	4SLE R	0.51	3SLE R	0.14	3SLE R
196Max	-106	-2361.54	3SLE R	-14.63	3SLE R	0.22	2SLU	-0.72	3SLE R
196Max	-107	-2351.95	3SLE R	-14.63	3SLE R	0.31	2SLU	-0.79	3SLE R
196Max	-228	-1316.00	3SLE R	-14.63	3SLE R	-1.53	3SLE R	-0.79	3SLE R
196Max	-227	-1389.99	3SLE R	-14.63	3SLE R	-1.43	3SLE R	-0.72	3SLE R
196Min.	-106	-3261.15	2SLU	-20.25	2SLU	0.16	3SLE R	-1.02	2SLU
196Min.	-107	-3247.63	2SLU	-20.25	2SLU	0.22	3SLE R	-1.12	2SLU
196Min.	-228	-1898.20	2SLU	-20.25	2SLU	-2.16	2SLU	-1.12	2SLU
196Min.	-227	-2000.82	2SLU	-20.25	2SLU	-2.02	2SLU	-1.02	2SLU
196Max	109	-1917.52	3SLE R	-8.59	3SLE R	-0.08	3SLE R	-0.26	3SLE R
196Max	110	-1919.77	3SLE R	-8.59	3SLE R	-0.06	3SLE R	-0.29	3SLE R
196Max	1111	-1247.76	3SLE R	-8.59	3SLE R	-0.69	3SLE R	-0.29	3SLE R
196Max	1110	-1283.28	3SLE R	-8.59	3SLE R	-0.65	3SLE R	-0.26	3SLE R
196Min.	109	-2651.13	2SLU	-11.84	2SLU	-0.11	2SLU	-0.36	2SLU
196Min.	110	-2654.09	2SLU	-11.84	2SLU	-0.08	2SLU	-0.41	2SLU
196Min.	1111	-1778.97	2SLU	-11.84	2SLU	-0.97	2SLU	-0.41	2SLU
196Min.	1110	-1828.12	2SLU	-11.84	2SLU	-0.91	2SLU	-0.36	2SLU
196Max	-101	-3205.95	3SLE R	13.00	2SLU	0.54	2SLU	0.05	1SLU
196Max	-100	-3212.23	3SLE R	13.00	2SLU	0.59	2SLU	-0.01	1SLU
196Max	-221	-2356.41	3SLE R	13.00	2SLU	0.57	2SLU	-0.01	1SLU
196Max	-222	-2308.65	3SLE R	13.00	2SLU	0.65	2SLU	0.05	1SLU
196Min.	-101	-4434.85	2SLU	9.43	3SLE R	0.38	3SLE R	0.03	4SLE R
196Min.	-100	-4443.72	2SLU	9.43	3SLE R	0.42	3SLE R	-0.01	4SLE R





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196Min.	-221	-3332.78	2SLU	9.43	3SLE R	0.40	3SLE R	-0.01	4SLE R
196Min.	-222	-3266.73	2SLU	9.43	3SLE R	0.45	3SLE R	0.03	4SLE R
196Max	-108	-1717.76	3SLE R	-13.27	3SLE R	0.37	2SLU	-0.76	3SLE R
196Max	113	-1716.18	3SLE R	-13.27	3SLE R	0.39	2SLU	-0.78	3SLE R
196Max	1114	-827.62	3SLE R	-13.27	3SLE R	-1.43	3SLE R	-0.78	3SLE R
196Max	-229	-887.57	3SLE R	-13.27	3SLE R	-1.41	3SLE R	-0.76	3SLE R
196Min.	-108	-2369.55	2SLU	-18.34	2SLU	0.26	3SLE R	-1.07	2SLU
196Min.	113	-2367.15	2SLU	-18.34	2SLU	0.28	3SLE R	-1.10	2SLU
196Min.	1114	-1209.61	2SLU	-18.34	2SLU	-2.02	2SLU	-1.10	2SLU
196Min.	-229	-1292.71	2SLU	-18.34	2SLU	-1.99	2SLU	-1.07	2SLU
196Max	112	-806.10	3SLE R	-4.04	3SLE R	0.15	2SLU	-0.33	3SLE R
196Max	-347	-809.06	3SLE R	-4.04	3SLE R	0.16	2SLU	-0.33	3SLE R
196Max	-348	-422.05	3SLE R	-4.04	3SLE R	-0.62	3SLE R	-0.33	3SLE R
196Max	1113	-436.86	3SLE R	-4.04	3SLE R	-0.61	3SLE R	-0.33	3SLE R
196Min.	112	-1112.46	2SLU	-5.58	2SLU	0.11	3SLE R	-0.46	2SLU
196Min.	-347	-1116.52	2SLU	-5.58	2SLU	0.11	3SLE R	-0.47	2SLU
196Min.	-348	-612.67	2SLU	-5.58	2SLU	-0.87	2SLU	-0.47	2SLU
196Min.	1113	-633.18	2SLU	-5.58	2SLU	-0.86	2SLU	-0.46	2SLU
196Max	104	-3043.11	3SLE R	13.45	2SLU	0.43	2SLU	0.16	2SLU
196Max	-102	-3049.10	3SLE R	13.45	2SLU	0.49	2SLU	0.11	2SLU
196Max	-223	-2194.01	3SLE R	13.45	2SLU	0.72	2SLU	0.11	2SLU
196Max	1105	-2145.07	3SLE R	13.45	2SLU	0.80	2SLU	0.16	2SLU
196Min.	104	-4209.14	2SLU	9.76	3SLE R	0.31	3SLE R	0.11	3SLE R
196Min.	-102	-4217.61	2SLU	9.76	3SLE R	0.35	3SLE R	0.07	3SLE R
196Min.	-223	-3107.67	2SLU	9.76	3SLE R	0.51	3SLE R	0.07	3SLE R
196Min.	1105	-3040.02	2SLU	9.76	3SLE R	0.56	3SLE R	0.11	3SLE R
196Max	-104	-2612.14	3SLE R	-14.21	3SLE R	0.05	1SLU	-0.58	3SLE R
196Max	-105	-2602.26	3SLE R	-14.21	3SLE R	0.14	2SLU	-0.65	3SLE R
196Max	-226	-1567.24	3SLE R	-14.21	3SLE R	-1.34	3SLE R	-0.65	3SLE R
196Max	-225	-1639.66	3SLE R	-14.21	3SLE R	-1.24	3SLE R	-0.58	3SLE R
196Min.	-104	-3609.34	2SLU	-19.66	2SLU	0.03	4SLE R	-0.82	2SLU
196Min.	-105	-3595.43	2SLU	-19.66	2SLU	0.10	3SLE R	-0.92	2SLU
196Min.	-226	-2247.30	2SLU	-19.66	2SLU	-1.89	2SLU	-0.92	2SLU
196Min.	-225	-2347.72	2SLU	-19.66	2SLU	-1.76	2SLU	-0.82	2SLU
196Max	108	-3028.69	3SLE R	-13.02	3SLE R	-0.19	3SLE R	-0.32	3SLE R
196Max	109	-3019.21	3SLE R	-13.02	3SLE R	-0.13	3SLE R	-0.39	3SLE R
196Max	1110	-1993.70	3SLE R	-13.02	3SLE R	-0.98	3SLE R	-0.39	3SLE R
196Max	1109	-2060.46	3SLE R	-13.02	3SLE R	-0.89	3SLE R	-0.32	3SLE R
196Min.	108	-4187.99	2SLU	-17.94	2SLU	-0.26	2SLU	-0.46	2SLU
196Min.	109	-4174.56	2SLU	-17.94	2SLU	-0.17	2SLU	-0.55	2SLU
196Min.	1110	-2839.15	2SLU	-17.94	2SLU	-1.39	2SLU	-0.55	2SLU
196Min.	1109	-2931.53	2SLU	-17.94	2SLU	-1.26	2SLU	-0.46	2SLU
196Max	-347	-1000.09	3SLE R	-6.09	3SLE R	0.20	2SLU	-0.42	3SLE R
196Max	-108	-1003.86	3SLE R	-6.09	3SLE R	0.21	2SLU	-0.43	3SLE R
196Max	-229	-509.22	3SLE R	-6.09	3SLE R	-0.79	3SLE R	-0.43	3SLE R
196Max	-348	-532.23	3SLE R	-6.09	3SLE R	-0.78	3SLE R	-0.42	3SLE R
196Min.	-347	-1379.94	2SLU	-8.42	2SLU	0.14	3SLE R	-0.59	2SLU
196Min.	-108	-1385.09	2SLU	-8.42	2SLU	0.15	3SLE R	-0.60	2SLU
196Min.	-229	-740.95	2SLU	-8.42	2SLU	-1.12	2SLU	-0.60	2SLU
196Min.	-348	-772.83	2SLU	-8.42	2SLU	-1.11	2SLU	-0.59	2SLU
196Max	105	-2331.46	3SLE R	10.83	2SLU	0.31	2SLU	0.16	2SLU
196Max	104	-2331.17	3SLE R	10.83	2SLU	0.34	2SLU	0.13	2SLU
196Max	1105	-1661.01	3SLE R	10.83	2SLU	0.62	2SLU	0.13	2SLU
196Max	1106	-1626.63	3SLE R	10.83	2SLU	0.67	2SLU	0.16	2SLU
196Min.	105	-3224.64	2SLU	7.88	3SLE R	0.22	3SLE R	0.11	3SLE R
196Min.	104	-3224.45	2SLU	7.88	3SLE R	0.24	3SLE R	0.09	3SLE R
196Min.	1105	-3254.52	2SLU	7.88	3SLE R	0.44	3SLE R	0.09	3SLE R
196Min.	1106	-2307.07	2SLU	7.88	3SLE R	0.47	3SLE R	0.11	3SLE R
196Max	111	-2735.26	3SLE R	-13.84	3SLE R	-0.03	3SLE R	-0.51	3SLE R
196Max	-104	-2725.14	3SLE R	-13.84	3SLE R	0.05	1SLU	-0.58	3SLE R
196Max	-225	-1690.94	3SLE R	-13.84	3SLE R	-1.24	3SLE R	-0.58	3SLE R
196Max	1112	-1761.96	3SLE R	-13.84	3SLE R	-1.15	3SLE R	-0.51	3SLE R
196Min.	111	-3780.40	2SLU	-19.14	2SLU	-0.04	2SLU	-0.72	2SLU
196Min.	-104	-3766.13	2SLU	-19.14	2SLU	0.03	4SLE R	-0.82	2SLU
196Min.	-225	-2419.16	2SLU	-19.14	2SLU	-1.76	2SLU	-0.82	2SLU
196Min.	1112	-2517.62	2SLU	-19.14	2SLU	-1.62	2SLU	-0.72	2SLU
196Max	-105	-2487.39	3SLE R	-14.49	3SLE R	0.14	2SLU	-0.65	3SLE R
196Max	-106	-2477.70	3SLE R	-14.49	3SLE R	0.22	2SLU	-0.72	3SLE R
196Max	-227	-1442.07	3SLE R	-14.49	3SLE R	-1.43	3SLE R	-0.72	3SLE R



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196Max	-226	-1515.52	3SLE R	-14.49	3SLE R	-1.34	3SLE R	-0.65	3SLE R
196Min.	-105	-3436.02	2SLU	-20.05	2SLU	0.10	3SLE R	-0.92	2SLU
196Min.	-106	-3422.36	2SLU	-20.05	2SLU	0.16	3SLE R	-1.02	2SLU
196Min.	-227	-2073.38	2SLU	-20.05	2SLU	-2.02	2SLU	-1.02	2SLU
196Min.	-226	-2175.24	2SLU	-20.05	2SLU	-1.89	2SLU	-0.92	2SLU
197Max	121	-2729.35	3SLE R	15.76	2SLU	0.44	2SLU	0.24	2SLU
197Max	120	-2743.55	3SLE R	15.76	2SLU	0.50	2SLU	0.18	2SLU
197Max	1121	-1772.04	3SLE R	15.76	2SLU	0.90	2SLU	0.18	2SLU
197Max	1122	-1707.11	3SLE R	15.76	2SLU	0.98	2SLU	0.24	2SLU
197Min.	121	-3754.96	2SLU	11.53	3SLE R	0.32	3SLE R	0.17	3SLE R
197Min.	120	-3775.14	2SLU	11.53	3SLE R	0.36	3SLE R	0.12	3SLE R
197Min.	1121	-2513.88	2SLU	11.53	3SLE R	0.63	3SLE R	0.12	3SLE R
197Min.	1122	-2424.35	2SLU	11.53	3SLE R	0.69	3SLE R	0.17	3SLE R
197Max	120	-1857.77	3SLE R	11.52	1SLU	0.33	2SLU	0.12	2SLU
197Max	119	-1856.08	3SLE R	11.52	1SLU	0.35	2SLU	0.09	2SLU
197Max	1120	-1221.49	3SLE R	11.52	1SLU	0.56	2SLU	0.09	2SLU
197Max	1121	-1186.11	3SLE R	11.52	1SLU	0.59	2SLU	0.12	2SLU
197Min.	120	-2556.41	2SLU	8.32	4SLE R	0.23	3SLE R	0.08	3SLE R
197Min.	119	-2554.77	2SLU	8.32	4SLE R	0.25	3SLE R	0.06	3SLE R
197Min.	1120	-1730.69	2SLU	8.32	4SLE R	0.39	3SLE R	0.06	3SLE R
197Min.	1121	-1682.35	2SLU	8.32	4SLE R	0.41	3SLE R	0.08	3SLE R
197Max	129	-1800.61	3SLE R	21.16	2SLU	-0.00	3SLE R	0.73	2SLU
197Max	128	-1812.42	3SLE R	21.16	2SLU	0.05	2SLU	0.67	2SLU
197Max	1129	-849.30	3SLE R	21.16	2SLU	1.52	2SLU	0.67	2SLU
197Max	1130	-769.98	3SLE R	21.16	2SLU	1.60	2SLU	0.73	2SLU
197Min.	129	-2465.75	2SLU	15.34	3SLE R	-0.01	2SLU	0.52	3SLE R
197Min.	128	-2482.54	2SLU	15.34	3SLE R	0.04	3SLE R	0.47	3SLE R
197Min.	1129	-1233.15	2SLU	15.34	3SLE R	1.07	3SLE R	0.47	3SLE R
197Min.	1130	-1123.26	2SLU	15.34	3SLE R	1.13	3SLE R	0.52	3SLE R
197Max	132	-626.96	3SLE R	6.97	2SLU	-0.04	3SLE R	0.36	2SLU
197Max	131	-623.85	3SLE R	6.97	2SLU	-0.03	3SLE R	0.34	2SLU
197Max	1132	-222.46	3SLE R	6.97	2SLU	0.72	2SLU	0.34	2SLU
197Max	1133	-203.35	3SLE R	6.97	2SLU	0.73	2SLU	0.36	2SLU
197Min.	132	-856.08	2SLU	5.05	3SLE R	-0.05	2SLU	0.25	3SLE R
197Min.	131	-851.86	2SLU	5.05	3SLE R	-0.04	2SLU	0.24	3SLE R
197Min.	1132	-330.95	2SLU	5.05	3SLE R	0.51	3SLE R	0.24	3SLE R
197Min.	1133	-304.49	2SLU	5.05	3SLE R	0.52	3SLE R	0.25	3SLE R
197Max	118	-2170.27	3SLE R	6.63	2SLU	0.45	2SLU	0.01	1SLU
197Max	117	-2178.41	3SLE R	6.63	2SLU	0.48	2SLU	-0.02	3SLE R
197Max	1118	-1500.99	3SLE R	6.63	2SLU	0.44	2SLU	-0.02	3SLE R
197Max	1119	-1472.70	3SLE R	6.63	2SLU	0.47	2SLU	0.01	1SLU
197Min.	118	-2989.35	2SLU	4.58	3SLE R	0.32	3SLE R	0.00	4SLE R
197Min.	117	-3000.03	2SLU	4.58	3SLE R	0.34	3SLE R	-0.02	2SLU
197Min.	1118	-2120.85	2SLU	4.58	3SLE R	0.31	3SLE R	-0.02	2SLU
197Min.	1119	-2081.02	2SLU	4.58	3SLE R	0.33	3SLE R	0.00	4SLE R
197Max	122	-1279.05	3SLE R	6.52	2SLU	0.20	2SLU	0.13	2SLU
197Max	121	-1277.86	3SLE R	6.52	2SLU	0.21	2SLU	0.12	2SLU
197Max	1122	-807.10	3SLE R	6.52	2SLU	0.47	2SLU	0.12	2SLU
197Max	1123	-787.32	3SLE R	6.52	2SLU	0.49	2SLU	0.13	2SLU
197Min.	122	-1759.30	2SLU	4.76	3SLE R	0.14	3SLE R	0.09	3SLE R
197Min.	121	-1757.85	2SLU	4.76	3SLE R	0.15	3SLE R	0.08	3SLE R
197Min.	1122	-1146.56	2SLU	4.76	3SLE R	0.33	3SLE R	0.08	3SLE R
197Min.	1123	-1119.34	2SLU	4.76	3SLE R	0.34	3SLE R	0.09	3SLE R
197Max	125	-2348.67	3SLE R	17.83	2SLU	0.25	2SLU	0.45	2SLU
197Max	124	-2361.95	3SLE R	17.83	2SLU	0.31	2SLU	0.38	2SLU
197Max	1125	-1393.66	3SLE R	17.83	2SLU	1.16	2SLU	0.38	2SLU
197Max	1126	-1323.21	3SLE R	17.83	2SLU	1.24	2SLU	0.45	2SLU
197Min.	125	-3227.00	2SLU	12.99	3SLE R	0.18	3SLE R	0.32	3SLE R
197Min.	124	-3245.88	2SLU	12.99	3SLE R	0.22	3SLE R	0.27	3SLE R
197Min.	1125	-1989.17	2SLU	12.99	3SLE R	0.82	3SLE R	0.27	3SLE R
197Min.	1126	-1891.84	2SLU	12.99	3SLE R	0.88	3SLE R	0.32	3SLE R
197Max	124	-1610.59	3SLE R	11.00	2SLU	0.20	2SLU	0.25	2SLU
197Max	123	-1610.57	3SLE R	11.00	2SLU	0.23	2SLU	0.22	2SLU
197Max	1124	-975.11	3SLE R	11.00	2SLU	0.72	2SLU	0.22	2SLU
197Max	1125	-939.79	3SLE R	11.00	2SLU	0.76	2SLU	0.25	2SLU
197Min.	124	-2213.87	2SLU	8.03	3SLE R	0.15	3SLE R	0.18	3SLE R
197Min.	123	-2214.14	2SLU	8.03	3SLE R	0.16	3SLE R	0.16	3SLE R
197Min.	1124	-1389.29	2SLU	8.03	3SLE R	0.51	3SLE R	0.16	3SLE R
197Min.	1125	-1340.60	2SLU	8.03	3SLE R	0.53	3SLE R	0.18	3SLE R



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197Max	130	-708.67	3SLE R	6.79	2SLU	-0.01	3SLE R	0.32	2SLU
197Max	129	-705.73	3SLE R	6.79	2SLU	-0.00	3SLE R	0.30	2SLU
197Max	1130	-304.05	3SLE R	6.79	2SLU	0.67	2SLU	0.30	2SLU
197Max	1131	-285.35	3SLE R	6.79	2SLU	0.68	2SLU	0.32	2SLU
197Min.	130	-969.71	2SLU	4.92	3SLE R	-0.02	2SLU	0.22	3SLE R
197Min.	129	-965.74	2SLU	4.92	3SLE R	-0.00	2SLU	0.21	3SLE R
197Min.	1130	-444.42	2SLU	4.92	3SLE R	0.47	3SLE R	0.21	3SLE R
197Min.	1131	-418.53	2SLU	4.92	3SLE R	0.48	3SLE R	0.22	3SLE R
197Max	128	-1393.42	3SLE R	15.04	2SLU	0.04	2SLU	0.48	2SLU
197Max	-121	-1392.93	3SLE R	15.04	2SLU	0.07	2SLU	0.45	2SLU
197Max	-242	-695.09	3SLE R	15.04	2SLU	1.05	2SLU	0.45	2SLU
197Max	1129	-647.51	3SLE R	15.04	2SLU	1.10	2SLU	0.48	2SLU
197Min.	128	-1909.96	2SLU	10.92	3SLE R	0.03	3SLE R	0.34	3SLE R
197Min.	-121	-1909.58	2SLU	10.92	3SLE R	0.05	3SLE R	0.32	3SLE R
197Min.	-242	-1004.24	2SLU	10.92	3SLE R	0.74	3SLE R	0.32	3SLE R
197Min.	1129	-938.43	2SLU	10.92	3SLE R	0.78	3SLE R	0.34	3SLE R
197Max	119	-3025.99	3SLE R	15.58	2SLU	0.56	2SLU	0.15	2SLU
197Max	-120	-3042.57	3SLE R	15.58	2SLU	0.62	2SLU	0.08	2SLU
197Max	-241	-2036.39	3SLE R	15.58	2SLU	0.79	2SLU	0.08	2SLU
197Max	1120	-1969.66	3SLE R	15.58	2SLU	0.88	2SLU	0.15	2SLU
197Min.	119	-4165.21	2SLU	11.40	3SLE R	0.40	3SLE R	0.10	3SLE R
197Min.	-120	-4188.69	2SLU	11.40	3SLE R	0.44	3SLE R	0.05	3SLE R
197Min.	-241	-2882.34	2SLU	11.40	3SLE R	0.56	3SLE R	0.05	3SLE R
197Min.	1120	-2790.31	2SLU	11.40	3SLE R	0.62	3SLE R	0.10	3SLE R
197Max	-121	-1463.55	3SLE R	14.63	2SLU	0.07	2SLU	0.45	2SLU
197Max	127	-1463.38	3SLE R	14.63	2SLU	0.10	2SLU	0.41	2SLU
197Max	1128	-764.89	3SLE R	14.63	2SLU	1.01	2SLU	0.41	2SLU
197Max	-242	-718.29	3SLE R	14.63	2SLU	1.05	2SLU	0.45	2SLU
197Min.	-121	-2007.41	2SLU	10.63	3SLE R	0.05	3SLE R	0.32	3SLE R
197Min.	127	-2007.48	2SLU	10.63	3SLE R	0.07	3SLE R	0.29	3SLE R
197Min.	1128	-1101.22	2SLU	10.63	3SLE R	0.71	3SLE R	0.29	3SLE R
197Min.	-242	-1036.78	2SLU	10.63	3SLE R	0.74	3SLE R	0.32	3SLE R
197Max	126	-1626.16	3SLE R	13.58	2SLU	0.15	2SLU	0.36	2SLU
197Max	125	-1626.79	3SLE R	13.58	2SLU	0.18	2SLU	0.33	2SLU
197Max	1126	-926.66	3SLE R	13.58	2SLU	0.90	2SLU	0.33	2SLU
197Max	1127	-882.53	3SLE R	13.58	2SLU	0.95	2SLU	0.36	2SLU
197Min.	126	-2233.24	2SLU	9.89	3SLE R	0.11	3SLE R	0.26	3SLE R
197Min.	125	-2234.44	2SLU	9.89	3SLE R	0.13	3SLE R	0.23	3SLE R
197Min.	1126	-1325.87	2SLU	9.89	3SLE R	0.64	3SLE R	0.23	3SLE R
197Min.	1127	-1264.93	2SLU	9.89	3SLE R	0.67	3SLE R	0.26	3SLE R
197Max	131	-1604.84	3SLE R	21.92	2SLU	-0.07	3SLE R	0.83	2SLU
197Max	130	-1616.31	3SLE R	21.92	2SLU	-0.02	3SLE R	0.76	2SLU
197Max	1131	-654.37	3SLE R	21.92	2SLU	1.64	2SLU	0.76	2SLU
197Max	1132	-573.03	3SLE R	21.92	2SLU	1.73	2SLU	0.83	2SLU
197Min.	131	-2193.54	2SLU	15.88	3SLE R	-0.10	2SLU	0.59	3SLE R
197Min.	130	-2209.86	2SLU	15.88	3SLE R	-0.03	2SLU	0.54	3SLE R
197Min.	1131	-962.14	2SLU	15.88	3SLE R	1.16	3SLE R	0.54	3SLE R
197Min.	1132	-849.39	2SLU	15.88	3SLE R	1.22	3SLE R	0.59	3SLE R
197Max	134	-862.00	3SLE R	18.04	1SLU	-0.14	3SLE R	0.74	2SLU
197Max	-122	-857.57	3SLE R	18.04	1SLU	-0.12	3SLE R	0.71	2SLU
197Max	-243	-164.59	3SLE R	18.04	1SLU	1.39	2SLU	0.71	2SLU
197Max	1135	-111.22	3SLE R	18.04	1SLU	1.43	2SLU	0.74	2SLU
197Min.	134	-1170.68	2SLU	13.06	4SLE R	-0.20	2SLU	0.52	3SLE R
197Min.	-122	-1165.28	2SLU	13.06	4SLE R	-0.17	2SLU	0.50	3SLE R
197Min.	-243	-266.28	2SLU	13.06	4SLE R	0.98	3SLE R	0.50	3SLE R
197Min.	1135	-192.80	2SLU	13.06	4SLE R	1.01	3SLE R	0.52	3SLE R
197Max	123	-2552.22	3SLE R	16.50	2SLU	0.35	2SLU	0.34	2SLU
197Max	122	-2566.09	3SLE R	16.50	2SLU	0.41	2SLU	0.27	2SLU
197Max	1123	-1595.73	3SLE R	16.50	2SLU	1.01	2SLU	0.27	2SLU
197Max	1124	-1528.83	3SLE R	16.50	2SLU	1.10	2SLU	0.34	2SLU
197Min.	123	-3509.39	2SLU	12.05	3SLE R	0.25	3SLE R	0.24	3SLE R
197Min.	122	-3529.10	2SLU	12.05	3SLE R	0.30	3SLE R	0.19	3SLE R
197Min.	1123	-2269.47	2SLU	12.05	3SLE R	0.71	3SLE R	0.19	3SLE R
197Min.	1124	-2177.15	2SLU	12.05	3SLE R	0.77	3SLE R	0.24	3SLE R
197Max	-122	-936.17	3SLE R	18.15	1SLU	-0.12	3SLE R	0.71	2SLU
197Max	133	-931.65	3SLE R	18.15	1SLU	-0.09	3SLE R	0.67	2SLU
197Max	1134	-238.85	3SLE R	18.15	1SLU	1.34	2SLU	0.67	2SLU
197Max	-243	-185.22	3SLE R	18.15	1SLU	1.39	2SLU	0.71	2SLU
197Min.	-122	-1273.87	2SLU	13.14	4SLE R	-0.17	2SLU	0.50	3SLE R



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197Min.	133	-1268.34	2SLU	13.14	4SLE R	-0.13	2SLU	0.47	3SLE R
197Min.	1134	-369.60	2SLU	13.14	4SLE R	0.95	3SLE R	0.47	3SLE R
197Min.	-243	-295.74	2SLU	13.14	4SLE R	0.98	3SLE R	0.50	3SLE R
197Max	-120	-3150.26	3SLE R	15.26	2SLU	0.62	2SLU	0.08	2SLU
197Max	118	-3166.97	3SLE R	15.26	2SLU	0.68	2SLU	0.02	1SLU
197Max	1119	-2160.29	3SLE R	15.26	2SLU	0.71	2SLU	0.02	1SLU
197Max	-241	-2094.44	3SLE R	15.26	2SLU	0.79	2SLU	0.08	2SLU
197Min.	-120	-4337.52	2SLU	11.17	3SLE R	0.44	3SLE R	0.05	3SLE R
197Min.	118	-4361.18	2SLU	11.17	3SLE R	0.48	3SLE R	0.01	4SLE R
197Min.	1119	-3054.14	2SLU	11.17	3SLE R	0.50	3SLE R	0.01	4SLE R
197Min.	-241	-2963.32	2SLU	11.17	3SLE R	0.56	3SLE R	0.05	3SLE R
197Max	127	-2128.24	3SLE R	19.29	2SLU	0.14	2SLU	0.57	2SLU
197Max	126	-2140.87	3SLE R	19.29	2SLU	0.20	2SLU	0.50	2SLU
197Max	1127	-1174.85	3SLE R	19.29	2SLU	1.31	2SLU	0.50	2SLU
197Max	1128	-1100.51	3SLE R	19.29	2SLU	1.39	2SLU	0.57	2SLU
197Min.	127	-2920.98	2SLU	14.02	3SLE R	0.10	3SLE R	0.40	3SLE R
197Min.	126	-2938.94	2SLU	14.02	3SLE R	0.15	3SLE R	0.35	3SLE R
197Min.	1127	-1685.44	2SLU	14.02	3SLE R	0.92	3SLE R	0.35	3SLE R
197Min.	1128	-1582.61	2SLU	14.02	3SLE R	0.98	3SLE R	0.40	3SLE R
197Max	133	-1405.96	3SLE R	22.31	2SLU	-0.13	3SLE R	0.92	2SLU
197Max	132	-1417.26	3SLE R	22.31	2SLU	-0.08	3SLE R	0.86	2SLU
197Max	1133	-455.92	3SLE R	22.31	2SLU	1.76	2SLU	0.86	2SLU
197Max	1134	-373.55	3SLE R	22.31	2SLU	1.85	2SLU	0.92	2SLU
197Min.	133	-1916.93	2SLU	16.15	3SLE R	-0.18	2SLU	0.65	3SLE R
197Min.	132	-1932.99	2SLU	16.15	3SLE R	-0.12	2SLU	0.60	3SLE R
197Min.	1133	-686.13	2SLU	16.15	3SLE R	1.25	3SLE R	0.60	3SLE R
197Min.	1134	-571.91	2SLU	16.15	3SLE R	1.31	3SLE R	0.65	3SLE R
198Max	-9	-4763.11	3SLE R	-3.82	3SLE R	-0.12	3SLE R	-0.37	3SLE R
198Max	-10	-4760.38	3SLE R	-3.82	3SLE R	-0.06	3SLE R	-0.44	3SLE R
198Max	-132	-3816.98	3SLE R	-3.82	3SLE R	-1.02	3SLE R	-0.44	3SLE R
198Max	-131	-3836.51	3SLE R	-3.82	3SLE R	-0.93	3SLE R	-0.37	3SLE R
198Min.	-9	-6641.81	2SLU	-5.37	2SLU	-0.16	2SLU	-0.52	2SLU
198Min.	-10	-6638.23	2SLU	-5.37	2SLU	-0.08	2SLU	-0.61	2SLU
198Min.	-132	-5410.91	2SLU	-5.37	2SLU	-1.43	2SLU	-0.61	2SLU
198Min.	-131	-5438.13	2SLU	-5.37	2SLU	-1.30	2SLU	-0.52	2SLU
198Max	13	-3576.70	3SLE R	-1.74	4SLE R	0.18	2SLU	-0.55	3SLE R
198Max	-13	-3575.24	3SLE R	-1.74	4SLE R	0.24	2SLU	-0.60	3SLE R
198Max	-135	-2849.50	3SLE R	-1.74	4SLE R	-1.15	3SLE R	-0.60	3SLE R
198Max	1013	-2858.69	3SLE R	-1.74	4SLE R	-1.08	3SLE R	-0.55	3SLE R
198Min.	13	-4988.17	2SLU	-2.57	1SLU	0.13	3SLE R	-0.77	2SLU
198Min.	-13	-4986.35	2SLU	-2.57	1SLU	0.17	3SLE R	-0.84	2SLU
198Min.	-135	-4042.32	2SLU	-2.57	1SLU	-1.60	2SLU	-0.84	2SLU
198Min.	1013	-4055.32	2SLU	-2.57	1SLU	-1.51	2SLU	-0.77	2SLU
198Max	12	-3860.26	3SLE R	-2.75	4SLE R	0.00	1SLU	-0.42	3SLE R
198Max	-11	-3859.26	3SLE R	-2.75	4SLE R	0.07	1SLU	-0.47	3SLE R
198Max	-133	-3085.50	3SLE R	-2.75	4SLE R	-0.99	3SLE R	-0.47	3SLE R
198Max	1012	-3098.60	3SLE R	-2.75	4SLE R	-0.92	3SLE R	-0.42	3SLE R
198Min.	12	-5383.35	2SLU	-3.90	1SLU	0.00	4SLE R	-0.59	2SLU
198Min.	-11	-5382.15	2SLU	-3.90	1SLU	0.05	4SLE R	-0.66	2SLU
198Min.	-133	-4375.55	2SLU	-3.90	1SLU	-1.39	2SLU	-0.66	2SLU
198Min.	1012	-4393.91	2SLU	-3.90	1SLU	-1.29	2SLU	-0.59	2SLU
198Max	16	-3485.91	3SLE R	-1.06	4SLE R	0.52	2SLU	-0.84	3SLE R
198Max	-17	-3483.76	3SLE R	-1.06	4SLE R	0.57	2SLU	-0.89	3SLE R
198Max	-139	-2759.45	3SLE R	-1.06	4SLE R	-1.54	3SLE R	-0.89	3SLE R
198Max	1016	-2766.46	3SLE R	-1.06	4SLE R	-1.48	3SLE R	-0.84	3SLE R
198Min.	16	-4861.15	2SLU	-1.75	1SLU	0.38	3SLE R	-1.18	2SLU
198Min.	-17	-4858.43	2SLU	-1.75	1SLU	0.41	3SLE R	-1.24	2SLU
198Min.	-139	-3916.28	2SLU	-1.75	1SLU	-2.15	2SLU	-1.24	2SLU
198Min.	1016	-3926.43	2SLU	-1.75	1SLU	-2.07	2SLU	-1.18	2SLU
198Max	-10	-4731.00	3SLE R	-3.62	3SLE R	-0.06	3SLE R	-0.44	3SLE R
198Max	12	-4728.12	3SLE R	-3.62	3SLE R	0.00	1SLU	-0.51	3SLE R
198Max	1012	-3785.16	3SLE R	-3.62	3SLE R	-1.12	3SLE R	-0.51	3SLE R
198Max	-132	-3803.96	3SLE R	-3.62	3SLE R	-1.02	3SLE R	-0.44	3SLE R
198Min.	-10	-6597.39	2SLU	-5.11	2SLU	-0.08	2SLU	-0.61	2SLU
198Min.	12	-6593.61	2SLU	-5.11	2SLU	0.00	4SLE R	-0.71	2SLU
198Min.	1012	-5366.87	2SLU	-5.11	2SLU	-1.57	2SLU	-0.71	2SLU
198Min.	-132	-5393.13	2SLU	-5.11	2SLU	-1.43	2SLU	-0.61	2SLU
198Max	-18	-3459.09	3SLE R	-1.37	4SLE R	0.62	2SLU	-0.93	3SLE R
198Max	17	-3457.26	3SLE R	-1.37	4SLE R	0.67	2SLU	-0.97	3SLE R



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198Max	1017	-2732.29	3SLE R	-1.37	4SLE R	-1.65	3SLE R	-0.97	3SLE R
198Max	-140	-2740.31	3SLE R	-1.37	4SLE R	-1.60	3SLE R	-0.93	3SLE R
198Min.	-18	-4823.42	2SLU	-2.18	1SLU	0.45	3SLE R	-1.30	2SLU
198Min.	17	-4821.15	2SLU	-2.18	1SLU	0.48	3SLE R	-1.36	2SLU
198Min.	1017	-3878.05	2SLU	-2.18	1SLU	-2.31	2SLU	-1.36	2SLU
198Min.	-140	-3889.65	2SLU	-2.18	1SLU	-2.23	2SLU	-1.30	2SLU
198Max	-12	-3821.27	3SLE R	-2.10	4SLE R	0.13	1SLU	-0.53	3SLE R
198Max	13	-3819.63	3SLE R	-2.10	4SLE R	0.19	2SLU	-0.59	3SLE R
198Max	1013	-3047.27	3SLE R	-2.10	4SLE R	-1.15	3SLE R	-0.59	3SLE R
198Max	-134	-3058.21	3SLE R	-2.10	4SLE R	-1.07	3SLE R	-0.53	3SLE R
198Min.	-12	-5329.19	2SLU	-3.06	1SLU	0.09	4SLE R	-0.74	2SLU
198Min.	13	-5327.13	2SLU	-3.06	1SLU	0.14	3SLE R	-0.82	2SLU
198Min.	1013	-4322.43	2SLU	-3.06	1SLU	-1.61	2SLU	-0.82	2SLU
198Min.	-134	-4337.85	2SLU	-3.06	1SLU	-1.50	2SLU	-0.74	2SLU
198Max	-13	-3561.57	3SLE R	-1.60	4SLE R	0.24	2SLU	-0.60	3SLE R
198Max	-14	-3559.97	3SLE R	-1.60	4SLE R	0.30	2SLU	-0.65	3SLE R
198Max	-136	-2834.52	3SLE R	-1.60	4SLE R	-1.21	3SLE R	-0.65	3SLE R
198Max	-135	-2843.27	3SLE R	-1.60	4SLE R	-1.15	3SLE R	-0.60	3SLE R
198Min.	-13	-4967.10	2SLU	-2.40	1SLU	0.17	3SLE R	-0.84	2SLU
198Min.	-14	-4965.10	2SLU	-2.40	1SLU	0.21	3SLE R	-0.91	2SLU
198Min.	-136	-4021.45	2SLU	-2.40	1SLU	-1.70	2SLU	-0.91	2SLU
198Min.	-135	-4033.87	2SLU	-2.40	1SLU	-1.60	2SLU	-0.84	2SLU
198Max	15	-3691.49	3SLE R	-4.94	4SLE R	0.39	2SLU	-0.74	3SLE R
198Max	-15	-3698.01	3SLE R	-4.94	4SLE R	0.44	2SLU	-0.79	3SLE R
198Max	-137	-2929.78	3SLE R	-4.94	4SLE R	-1.42	3SLE R	-0.79	3SLE R
198Max	1015	-2947.23	3SLE R	-4.94	4SLE R	-1.36	3SLE R	-0.74	3SLE R
198Min.	15	-5148.96	2SLU	-7.81	1SLU	0.28	3SLE R	-1.04	2SLU
198Min.	-15	-5156.84	2SLU	-7.81	1SLU	0.32	3SLE R	-1.11	2SLU
198Min.	-137	-4158.19	2SLU	-7.81	1SLU	-1.99	2SLU	-1.11	2SLU
198Min.	1015	-4181.36	2SLU	-7.81	1SLU	-1.90	2SLU	-1.04	2SLU
198Max	-17	-3472.75	3SLE R	-1.16	4SLE R	0.57	2SLU	-0.89	3SLE R
198Max	-18	-3470.70	3SLE R	-1.16	4SLE R	0.62	2SLU	-0.93	3SLE R
198Max	-140	-2746.19	3SLE R	-1.16	4SLE R	-1.60	3SLE R	-0.93	3SLE R
198Max	-139	-2753.51	3SLE R	-1.16	4SLE R	-1.54	3SLE R	-0.89	3SLE R
198Min.	-17	-4842.65	2SLU	-1.88	1SLU	0.41	3SLE R	-1.24	2SLU
198Min.	-18	-4840.07	2SLU	-1.88	1SLU	0.45	3SLE R	-1.30	2SLU
198Min.	-140	-3897.62	2SLU	-1.88	1SLU	-2.23	2SLU	-1.30	2SLU
198Min.	-139	-3908.22	2SLU	-1.88	1SLU	-2.15	2SLU	-1.24	2SLU
198Max	-7	-4831.67	3SLE R	-4.56	3SLE R	-0.23	3SLE R	-0.23	3SLE R
198Max	-8	-4829.48	3SLE R	-4.56	3SLE R	-0.17	3SLE R	-0.30	3SLE R
198Max	-130	-3884.46	3SLE R	-4.56	3SLE R	-0.83	3SLE R	-0.30	3SLE R
198Max	-129	-3906.69	3SLE R	-4.56	3SLE R	-0.73	3SLE R	-0.23	3SLE R
198Min.	-7	-6736.55	2SLU	-6.38	2SLU	-0.33	2SLU	-0.32	2SLU
198Min.	-8	-6733.71	2SLU	-6.38	2SLU	-0.25	2SLU	-0.42	2SLU
198Min.	-130	-5504.18	2SLU	-6.38	2SLU	-1.17	2SLU	-0.42	2SLU
198Min.	-129	-5535.08	2SLU	-6.38	2SLU	-1.03	2SLU	-0.32	2SLU
198Max	-8	-4796.51	3SLE R	-4.14	3SLE R	-0.17	3SLE R	-0.30	3SLE R
198Max	-9	-4794.01	3SLE R	-4.14	3SLE R	-0.12	3SLE R	-0.37	3SLE R
198Max	-131	-3849.90	3SLE R	-4.14	3SLE R	-0.93	3SLE R	-0.37	3SLE R
198Max	-130	-3870.62	3SLE R	-4.14	3SLE R	-0.83	3SLE R	-0.30	3SLE R
198Min.	-8	-6687.97	2SLU	-5.81	2SLU	-0.25	2SLU	-0.42	2SLU
198Min.	-9	-6684.72	2SLU	-5.81	2SLU	-0.16	2SLU	-0.52	2SLU
198Min.	-131	-5456.43	2SLU	-5.81	2SLU	-1.30	2SLU	-0.52	2SLU
198Min.	-130	-5485.26	2SLU	-5.81	2SLU	-1.17	2SLU	-0.42	2SLU
198Max	-11	-3840.15	3SLE R	-2.40	4SLE R	0.07	1SLU	-0.47	3SLE R
198Max	-12	-3838.81	3SLE R	-2.40	4SLE R	0.13	1SLU	-0.53	3SLE R
198Max	-134	-3065.80	3SLE R	-2.40	4SLE R	-1.07	3SLE R	-0.53	3SLE R
198Max	-133	-3077.75	3SLE R	-2.40	4SLE R	-0.99	3SLE R	-0.47	3SLE R
198Min.	-11	-5355.44	2SLU	-3.45	1SLU	0.05	4SLE R	-0.66	2SLU
198Min.	-12	-5353.78	2SLU	-3.45	1SLU	0.09	4SLE R	-0.74	2SLU
198Min.	-134	-4348.20	2SLU	-3.45	1SLU	-1.50	2SLU	-0.74	2SLU
198Min.	-133	-4364.98	2SLU	-3.45	1SLU	-1.39	2SLU	-0.66	2SLU
198Max	11	-4868.94	3SLE R	-5.03	3SLE R	-0.29	3SLE R	-0.16	3SLE R
198Max	-7	-4867.10	3SLE R	-5.03	3SLE R	-0.23	3SLE R	-0.23	3SLE R
198Max	-129	-3921.05	3SLE R	-5.03	3SLE R	-0.73	3SLE R	-0.23	3SLE R
198Max	1011	-3945.00	3SLE R	-5.03	3SLE R	-0.64	3SLE R	-0.16	3SLE R
198Min.	11	-6788.02	2SLU	-7.02	2SLU	-0.41	2SLU	-0.22	2SLU
198Min.	-7	-6785.66	2SLU	-7.02	2SLU	-0.33	2SLU	-0.32	2SLU
198Min.	-129	-5554.71	2SLU	-7.02	2SLU	-1.03	2SLU	-0.32	2SLU



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198Min.	1011	-5587.97	2SLU	-7.02	2SLU	-0.90	2SLU	-0.22	2SLU
198Max	14	-1010.44	3SLE R	-0.19	4SLE R	0.10	2SLU	-0.20	3SLE R
198Max	15	-1010.45	3SLE R	-0.19	4SLE R	0.11	2SLU	-0.20	3SLE R
198Max	1015	-803.77	3SLE R	-0.19	4SLE R	-0.37	3SLE R	-0.20	3SLE R
198Max	1014	-804.62	3SLE R	-0.19	4SLE R	-0.37	3SLE R	-0.20	3SLE R
198Min.	14	-1409.21	2SLU	-0.29	1SLU	0.07	3SLE R	-0.28	2SLU
198Min.	15	-1409.26	2SLU	-0.29	1SLU	0.08	3SLE R	-0.28	2SLU
198Min.	1015	-1140.50	2SLU	-0.29	1SLU	-0.52	2SLU	-0.28	2SLU
198Min.	1014	-1141.72	2SLU	-0.29	1SLU	-0.51	2SLU	-0.28	2SLU
198Max	-14	-3546.79	3SLE R	-1.55	4SLE R	0.30	2SLU	-0.65	3SLE R
198Max	14	-3545.14	3SLE R	-1.55	4SLE R	0.35	2SLU	-0.70	3SLE R
198Max	1014	-2819.80	3SLE R	-1.55	4SLE R	-1.28	3SLE R	-0.70	3SLE R
198Max	-136	-2828.38	3SLE R	-1.55	4SLE R	-1.21	3SLE R	-0.65	3SLE R
198Min.	-14	-4946.49	2SLU	-2.35	1SLU	0.21	3SLE R	-0.91	2SLU
198Min.	14	-4944.42	2SLU	-2.35	1SLU	0.25	3SLE R	-0.97	2SLU
198Min.	1014	-4000.91	2SLU	-2.35	1SLU	-1.79	2SLU	-0.97	2SLU
198Min.	-136	-4013.13	2SLU	-2.35	1SLU	-1.70	2SLU	-0.91	2SLU
198Max	-16	-3661.70	3SLE R	-4.57	4SLE R	0.49	2SLU	-0.84	3SLE R
198Max	16	-3667.85	3SLE R	-4.57	4SLE R	0.55	2SLU	-0.88	3SLE R
198Max	1016	-2900.41	3SLE R	-4.57	4SLE R	-1.55	3SLE R	-0.88	3SLE R
198Max	-138	-2916.65	3SLE R	-4.57	4SLE R	-1.49	3SLE R	-0.84	3SLE R
198Min.	-16	-5107.19	2SLU	-7.35	1SLU	0.36	3SLE R	-1.17	2SLU
198Min.	16	-5114.57	2SLU	-7.35	1SLU	0.40	3SLE R	-1.23	2SLU
198Min.	1016	-4116.98	2SLU	-7.35	1SLU	-2.17	2SLU	-1.23	2SLU
198Min.	-138	-4138.52	2SLU	-7.35	1SLU	-2.08	2SLU	-1.17	2SLU
198Max	-15	-3676.31	3SLE R	-4.70	4SLE R	0.44	2SLU	-0.79	3SLE R
198Max	-16	-3682.59	3SLE R	-4.70	4SLE R	0.49	2SLU	-0.84	3SLE R
198Max	-138	-2914.86	3SLE R	-4.70	4SLE R	-1.49	3SLE R	-0.84	3SLE R
198Max	-137	-2931.53	3SLE R	-4.70	4SLE R	-1.42	3SLE R	-0.79	3SLE R
198Min.	-15	-5127.68	2SLU	-7.51	1SLU	0.32	3SLE R	-1.11	2SLU
198Min.	-16	-5135.23	2SLU	-7.51	1SLU	0.36	3SLE R	-1.17	2SLU
198Min.	-138	-4137.28	2SLU	-7.51	1SLU	-2.08	2SLU	-1.17	2SLU
198Min.	-137	-4159.39	2SLU	-7.51	1SLU	-1.99	2SLU	-1.11	2SLU
199Max	39	-3462.73	3SLE R	-10.63	3SLE R	-0.12	3SLE R	0.41	2SLU
199Max	-54	-3446.65	3SLE R	-10.63	3SLE R	-0.13	3SLE R	0.44	2SLU
199Max	-176	-2586.81	3SLE R	-10.63	3SLE R	0.78	2SLU	0.44	2SLU
199Max	1039	-2649.65	3SLE R	-10.63	3SLE R	0.73	2SLU	0.41	2SLU
199Min.	39	-4819.36	2SLU	-14.97	2SLU	-0.17	2SLU	0.29	3SLE R
199Min.	-54	-4796.68	2SLU	-14.97	2SLU	-0.18	2SLU	0.32	3SLE R
199Min.	-176	-3676.36	2SLU	-14.97	2SLU	0.57	3SLE R	0.32	3SLE R
199Min.	1039	-3764.89	2SLU	-14.97	2SLU	0.52	3SLE R	0.29	3SLE R
199Max	-54	-3343.83	3SLE R	-10.77	3SLE R	-0.13	3SLE R	0.44	2SLU
199Max	-63	-3327.88	3SLE R	-10.77	3SLE R	-0.14	3SLE R	0.47	2SLU
199Max	-185	-2467.72	3SLE R	-10.77	3SLE R	0.84	2SLU	0.47	2SLU
199Max	-176	-2531.08	3SLE R	-10.77	3SLE R	0.78	2SLU	0.44	2SLU
199Min.	-54	-4651.79	2SLU	-15.19	2SLU	-0.18	2SLU	0.32	3SLE R
199Min.	-63	-4629.32	2SLU	-15.19	2SLU	-0.20	2SLU	0.34	3SLE R
199Min.	-185	-3508.51	2SLU	-15.19	2SLU	0.61	3SLE R	0.34	3SLE R
199Min.	-176	-3597.81	2SLU	-15.19	2SLU	0.57	3SLE R	0.32	3SLE R
199Max	-69	-2057.35	3SLE R	-8.54	4SLE R	-0.11	3SLE R	0.36	2SLU
199Max	62	-2057.98	3SLE R	-8.54	4SLE R	-0.11	3SLE R	0.37	2SLU
199Max	1062	-1471.79	3SLE R	-8.54	4SLE R	0.66	2SLU	0.37	2SLU
199Max	-191	-1509.17	3SLE R	-8.54	4SLE R	0.64	2SLU	0.36	2SLU
199Min.	-69	-2858.47	2SLU	-12.00	1SLU	-0.15	2SLU	0.26	3SLE R
199Min.	62	-2858.65	2SLU	-12.00	1SLU	-0.16	2SLU	0.27	3SLE R
199Min.	1062	-2095.22	2SLU	-12.00	1SLU	0.48	3SLE R	0.27	3SLE R
199Min.	-191	-2147.21	2SLU	-12.00	1SLU	0.46	3SLE R	0.26	3SLE R
199Max	-39	-3583.15	3SLE R	-9.80	3SLE R	-0.09	3SLE R	0.32	2SLU
199Max	34	-3568.88	3SLE R	-9.80	3SLE R	-0.10	3SLE R	0.35	2SLU
199Max	1034	-2745.24	3SLE R	-9.80	3SLE R	0.62	2SLU	0.35	2SLU
199Max	-161	-2802.62	3SLE R	-9.80	3SLE R	0.57	2SLU	0.32	2SLU
199Min.	-39	-4991.35	2SLU	-13.76	2SLU	-0.12	2SLU	0.23	3SLE R
199Min.	34	-4971.20	2SLU	-13.76	2SLU	-0.14	2SLU	0.25	3SLE R
199Min.	1034	-3898.21	2SLU	-13.76	2SLU	0.45	3SLE R	0.25	3SLE R
199Min.	-161	-3978.93	2SLU	-13.76	2SLU	0.41	3SLE R	0.23	3SLE R
199Max	-47	-2411.91	3SLE R	-6.35	3SLE R	-0.08	3SLE R	0.26	2SLU
199Max	39	-2407.82	3SLE R	-6.35	3SLE R	-0.08	3SLE R	0.28	2SLU
199Max	1039	-1826.66	3SLE R	-6.35	3SLE R	0.49	2SLU	0.28	2SLU
199Max	-169	-1858.69	3SLE R	-6.35	3SLE R	0.47	2SLU	0.26	2SLU





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199Min.	-47	-3357.91	2SLU	-8.95	2SLU	-0.11	2SLU	0.19	3SLE R
199Min.	39	-3352.16	2SLU	-8.95	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	1039	-2595.12	2SLU	-8.95	2SLU	0.36	3SLE R	0.20	3SLE R
199Min.	-169	-2640.25	2SLU	-8.95	2SLU	0.34	3SLE R	0.19	3SLE R
199Max	52	-2112.63	3SLE R	-8.52	4SLE R	-0.10	3SLE R	0.34	2SLU
199Max	-69	-2113.23	3SLE R	-8.52	4SLE R	-0.11	3SLE R	0.36	2SLU
199Max	-191	-1527.09	3SLE R	-8.52	4SLE R	0.64	2SLU	0.36	2SLU
199Max	1052	-1564.39	3SLE R	-8.52	4SLE R	0.61	2SLU	0.34	2SLU
199Min.	52	-2936.43	2SLU	-11.96	1SLU	-0.14	2SLU	0.25	3SLE R
199Min.	-69	-2936.56	2SLU	-11.96	1SLU	-0.15	2SLU	0.26	3SLE R
199Min.	-191	-2173.22	2SLU	-11.96	1SLU	0.46	3SLE R	0.26	3SLE R
199Min.	1052	-2225.09	2SLU	-11.96	1SLU	0.44	3SLE R	0.25	3SLE R
199Max	-63	-3224.41	3SLE R	-10.89	3SLE R	-0.14	3SLE R	0.47	2SLU
199Max	52	-3208.57	3SLE R	-10.89	3SLE R	-0.15	3SLE R	0.51	2SLU
199Max	1052	-2348.15	3SLE R	-10.89	3SLE R	0.90	2SLU	0.51	2SLU
199Max	-185	-2411.92	3SLE R	-10.89	3SLE R	0.84	2SLU	0.47	2SLU
199Min.	-63	-4483.43	2SLU	-15.37	2SLU	-0.20	2SLU	0.34	3SLE R
199Min.	52	-4461.11	2SLU	-15.37	2SLU	-0.21	2SLU	0.36	3SLE R
199Min.	1052	-3339.91	2SLU	-15.37	2SLU	0.65	3SLE R	0.36	3SLE R
199Min.	-185	-3429.84	2SLU	-15.37	2SLU	0.61	3SLE R	0.34	3SLE R
199Max	12	-3605.23	3SLE R	-4.95	3SLE R	-0.04	3SLE R	0.18	2SLU
199Max	-21	-3587.29	3SLE R	-4.95	3SLE R	-0.05	3SLE R	0.20	2SLU
199Max	-143	-2854.51	3SLE R	-4.95	3SLE R	0.37	1SLU	0.20	2SLU
199Max	1012	-2894.25	3SLE R	-4.95	3SLE R	0.33	1SLU	0.18	2SLU
199Min.	12	-5026.69	2SLU	-7.54	2SLU	-0.06	2SLU	0.13	3SLE R
199Min.	-21	-5002.72	2SLU	-7.54	2SLU	-0.07	2SLU	0.14	3SLE R
199Min.	-143	-4047.69	2SLU	-7.54	2SLU	0.26	4SLE R	0.14	3SLE R
199Min.	1012	-4104.84	2SLU	-7.54	2SLU	0.23	4SLE R	0.13	3SLE R
199Max	-21	-3852.91	3SLE R	-3.90	3SLE R	-0.06	3SLE R	0.22	2SLU
199Max	23	-3826.92	3SLE R	-3.90	3SLE R	-0.07	3SLE R	0.25	2SLU
199Max	1023	-3027.71	3SLE R	-3.90	3SLE R	0.46	1SLU	0.25	2SLU
199Max	-143	-3070.87	3SLE R	-3.90	3SLE R	0.41	1SLU	0.22	2SLU
199Min.	-21	-5370.55	2SLU	-6.42	2SLU	-0.08	2SLU	0.16	3SLE R
199Min.	23	-5336.04	2SLU	-6.42	2SLU	-0.09	2SLU	0.18	3SLE R
199Min.	1023	-4294.11	2SLU	-6.42	2SLU	0.33	4SLE R	0.18	3SLE R
199Min.	-143	-4356.85	2SLU	-6.42	2SLU	0.29	4SLE R	0.16	3SLE R
199Max	-29	-3690.23	3SLE R	-9.69	3SLE R	-0.08	3SLE R	0.29	2SLU
199Max	-39	-3675.86	3SLE R	-9.69	3SLE R	-0.09	3SLE R	0.32	2SLU
199Max	-161	-2852.45	3SLE R	-9.69	3SLE R	0.57	2SLU	0.32	2SLU
199Max	-151	-2909.47	3SLE R	-9.69	3SLE R	0.52	2SLU	0.29	2SLU
199Min.	-29	-5142.09	2SLU	-13.60	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	-39	-5121.78	2SLU	-13.60	2SLU	-0.12	2SLU	0.23	3SLE R
199Min.	-161	-4049.15	2SLU	-13.60	2SLU	0.41	3SLE R	0.23	3SLE R
199Min.	-151	-4129.31	2SLU	-13.60	2SLU	0.37	3SLE R	0.20	3SLE R
199Max	34	-2466.00	3SLE R	-6.28	3SLE R	-0.07	3SLE R	0.25	2SLU
199Max	-47	-2461.82	3SLE R	-6.28	3SLE R	-0.08	3SLE R	0.26	2SLU
199Max	-169	-1880.82	3SLE R	-6.28	3SLE R	0.47	2SLU	0.26	2SLU
199Max	1034	-1912.62	3SLE R	-6.28	3SLE R	0.44	2SLU	0.25	2SLU
199Min.	34	-3434.10	2SLU	-8.84	2SLU	-0.10	2SLU	0.18	3SLE R
199Min.	-47	-3428.21	2SLU	-8.84	2SLU	-0.11	2SLU	0.19	3SLE R
199Min.	-169	-2671.42	2SLU	-8.84	2SLU	0.34	3SLE R	0.19	3SLE R
199Min.	1034	-2716.20	2SLU	-8.84	2SLU	0.32	3SLE R	0.18	3SLE R
199Max	23	-3796.99	3SLE R	-9.63	3SLE R	-0.07	3SLE R	0.25	2SLU
199Max	-29	-3782.55	3SLE R	-9.63	3SLE R	-0.08	3SLE R	0.29	2SLU
199Max	-151	-2959.29	3SLE R	-9.63	3SLE R	0.52	2SLU	0.29	2SLU
199Max	1023	-3016.08	3SLE R	-9.63	3SLE R	0.46	1SLU	0.25	2SLU
199Min.	23	-5292.30	2SLU	-13.50	2SLU	-0.10	2SLU	0.18	3SLE R
199Min.	-29	-5271.88	2SLU	-13.50	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	-151	-4199.48	2SLU	-13.50	2SLU	0.37	3SLE R	0.20	3SLE R
199Min.	1023	-4279.28	2SLU	-13.50	2SLU	0.33	4SLE R	0.18	3SLE R
200Max	13	-3538.86	3SLE R	-11.95	3SLE R	-0.01	3SLE R	0.12	1SLU
200Max	18	-3533.39	3SLE R	-11.95	3SLE R	0.00	4SLE R	0.11	1SLU
200Max	1018	-2785.21	3SLE R	-11.95	3SLE R	0.23	1SLU	0.11	1SLU
200Max	1013	-2843.29	3SLE R	-11.95	3SLE R	0.25	1SLU	0.12	1SLU
200Min.	13	-4935.13	2SLU	-16.72	2SLU	-0.02	2SLU	0.08	4SLE R
200Min.	18	-4927.29	2SLU	-16.72	2SLU	-0.00	1SLU	0.07	4SLE R
200Min.	1018	-3952.08	2SLU	-16.72	2SLU	0.16	4SLE R	0.07	4SLE R
200Min.	1013	-4033.47	2SLU	-16.72	2SLU	0.17	4SLE R	0.08	4SLE R
201Max	-25	-4392.10	3SLE R	-20.71	3SLE R	-0.03	3SLE R	0.20	1SLU





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201Max	-27	-4377.18	3SLE R	-20.71	3SLE R	-0.05	3SLE R	0.26	1SLU
201Max	-149	-3380.56	3SLE R	-20.71	3SLE R	0.50	1SLU	0.26	1SLU
201Max	-147	-3486.63	3SLE R	-20.71	3SLE R	0.40	1SLU	0.20	1SLU
201Min.	-25	-6123.71	2SLU	-28.95	2SLU	-0.05	2SLU	0.14	4SLE R
201Min.	-27	-6102.54	2SLU	-28.95	2SLU	-0.08	2SLU	0.19	4SLE R
201Min.	-149	-4802.50	2SLU	-28.95	2SLU	0.35	4SLE R	0.19	4SLE R
201Min.	-147	-4951.04	2SLU	-28.95	2SLU	0.28	4SLE R	0.14	4SLE R
201Max	101	-1293.03	3SLE R	-10.43	3SLE R	-0.18	3SLE R	0.55	2SLU
201Max	112	-1294.59	3SLE R	-10.43	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	1113	-687.26	3SLE R	-10.43	3SLE R	0.97	2SLU	0.56	2SLU
201Max	1102	-731.61	3SLE R	-10.43	3SLE R	0.95	2SLU	0.55	2SLU
201Min.	101	-1785.47	2SLU	-14.70	2SLU	-0.25	2SLU	0.39	3SLE R
201Min.	112	-1787.66	2SLU	-14.70	2SLU	-0.25	2SLU	0.40	3SLE R
201Min.	1113	-995.64	2SLU	-14.70	2SLU	0.70	3SLE R	0.40	3SLE R
201Min.	1102	-1058.11	2SLU	-14.70	2SLU	0.69	3SLE R	0.39	3SLE R
201Max	65	-3020.14	3SLE R	-21.11	3SLE R	-0.24	3SLE R	0.73	2SLU
201Max	-82	-3001.46	3SLE R	-21.11	3SLE R	-0.27	3SLE R	0.80	2SLU
201Max	1068	-1965.03	3SLE R	-21.11	3SLE R	1.39	2SLU	0.80	2SLU
201Max	1065	-2076.57	3SLE R	-21.11	3SLE R	1.27	2SLU	0.73	2SLU
201Min.	65	-4193.41	2SLU	-29.71	2SLU	-0.33	2SLU	0.52	3SLE R
201Min.	-82	-4167.10	2SLU	-29.71	2SLU	-0.37	2SLU	0.58	3SLE R
201Min.	1068	-2814.74	2SLU	-29.71	2SLU	1.00	3SLE R	0.58	3SLE R
201Min.	1065	-2971.77	2SLU	-29.71	2SLU	0.91	3SLE R	0.52	3SLE R
201Max	-27	-4210.35	3SLE R	-20.81	3SLE R	-0.05	3SLE R	0.26	1SLU
201Max	28	-4195.49	3SLE R	-20.81	3SLE R	-0.08	3SLE R	0.32	1SLU
201Max	1028	-3198.66	3SLE R	-20.81	3SLE R	0.60	1SLU	0.32	1SLU
201Max	-149	-3305.10	3SLE R	-20.81	3SLE R	0.50	1SLU	0.26	1SLU
201Min.	-27	-5868.74	2SLU	-29.12	2SLU	-0.08	2SLU	0.19	4SLE R
201Min.	28	-5847.69	2SLU	-29.12	2SLU	-0.11	2SLU	0.23	4SLE R
201Min.	1028	-4547.28	2SLU	-29.12	2SLU	0.43	4SLE R	0.23	4SLE R
201Min.	-149	-4696.44	2SLU	-29.12	2SLU	0.35	4SLE R	0.19	4SLE R
201Max	-93	-1787.02	3SLE R	-14.18	3SLE R	-0.22	3SLE R	0.64	2SLU
201Max	-98	-1784.94	3SLE R	-14.18	3SLE R	-0.22	3SLE R	0.66	2SLU
201Max	-219	-1031.88	3SLE R	-14.18	3SLE R	1.15	2SLU	0.66	2SLU
201Max	-214	-1096.33	3SLE R	-14.18	3SLE R	1.12	2SLU	0.64	2SLU
201Min.	-93	-2472.95	2SLU	-19.98	2SLU	-0.30	2SLU	0.46	3SLE R
201Min.	-98	-2470.04	2SLU	-19.98	2SLU	-0.30	2SLU	0.48	3SLE R
201Min.	-219	-1487.64	2SLU	-19.98	2SLU	0.83	3SLE R	0.48	3SLE R
201Min.	-214	-1578.47	2SLU	-19.98	2SLU	0.81	3SLE R	0.46	3SLE R
201Max	-51	-3499.30	3SLE R	-22.40	3SLE R	-0.13	3SLE R	0.45	2SLU
201Max	-56	-3491.27	3SLE R	-22.40	3SLE R	-0.15	3SLE R	0.50	2SLU
201Max	-178	-2520.74	3SLE R	-22.40	3SLE R	0.90	2SLU	0.50	2SLU
201Max	-173	-2627.33	3SLE R	-22.40	3SLE R	0.80	2SLU	0.45	2SLU
201Min.	-51	-4871.67	2SLU	-31.17	2SLU	-0.18	2SLU	0.32	3SLE R
201Min.	-56	-4859.68	2SLU	-31.17	2SLU	-0.21	2SLU	0.36	3SLE R
201Min.	-178	-3593.48	2SLU	-31.17	2SLU	0.64	3SLE R	0.36	3SLE R
201Min.	-173	-3742.62	2SLU	-31.17	2SLU	0.58	3SLE R	0.32	3SLE R
201Max	-56	-3326.85	3SLE R	-22.39	3SLE R	-0.15	3SLE R	0.50	2SLU
201Max	-64	-3318.82	3SLE R	-22.39	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	-186	-2348.31	3SLE R	-22.39	3SLE R	0.99	2SLU	0.56	2SLU
201Max	-178	-2454.86	3SLE R	-22.39	3SLE R	0.90	2SLU	0.50	2SLU
201Min.	-56	-4629.20	2SLU	-31.18	2SLU	-0.21	2SLU	0.36	3SLE R
201Min.	-64	-4617.23	2SLU	-31.18	2SLU	-0.25	2SLU	0.40	3SLE R
201Min.	-186	-3351.01	2SLU	-31.18	2SLU	0.71	3SLE R	0.40	3SLE R
201Min.	-178	-3500.17	2SLU	-31.18	2SLU	0.64	3SLE R	0.36	3SLE R
201Max	-64	-3154.52	3SLE R	-22.26	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	-67	-3146.38	3SLE R	-22.26	3SLE R	-0.20	3SLE R	0.62	2SLU
201Max	-189	-2176.15	3SLE R	-22.26	3SLE R	1.08	2SLU	0.62	2SLU
201Max	-186	-2282.24	3SLE R	-22.26	3SLE R	0.99	2SLU	0.56	2SLU
201Min.	-64	-4386.80	2SLU	-31.02	2SLU	-0.25	2SLU	0.40	3SLE R
201Min.	-67	-4374.70	2SLU	-31.02	2SLU	-0.28	2SLU	0.45	3SLE R
201Min.	-189	-3108.83	2SLU	-31.02	2SLU	0.78	3SLE R	0.45	3SLE R
201Min.	-186	-3257.43	2SLU	-31.02	2SLU	0.71	3SLE R	0.40	3SLE R
201Max	-82	-1214.47	3SLE R	-6.83	3SLE R	-0.12	3SLE R	0.34	2SLU
201Max	68	-1217.87	3SLE R	-6.83	3SLE R	-0.12	3SLE R	0.35	2SLU
201Max	1069	-783.46	3SLE R	-6.83	3SLE R	0.61	2SLU	0.35	2SLU
201Max	1068	-810.13	3SLE R	-6.83	3SLE R	0.59	2SLU	0.34	2SLU
201Min.	-82	-1685.01	2SLU	-9.62	2SLU	-0.16	2SLU	0.25	3SLE R
201Min.	68	-1689.78	2SLU	-9.62	2SLU	-0.17	2SLU	0.26	3SLE R



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201Min.	1069	-1123.44	2SLU	-9.62	2SLU	0.44	3SLE R	0.26	3SLE R
201Min.	1068	-1160.98	2SLU	-9.62	2SLU	0.43	3SLE R	0.25	3SLE R
201Max	-98	-1688.16	3SLE R	-13.87	3SLE R	-0.22	3SLE R	0.66	2SLU
201Max	101	-1685.76	3SLE R	-13.87	3SLE R	-0.22	3SLE R	0.67	2SLU
201Max	1102	-933.37	3SLE R	-13.87	3SLE R	1.18	2SLU	0.67	2SLU
201Max	-219	-996.80	3SLE R	-13.87	3SLE R	1.15	2SLU	0.66	2SLU
201Min.	-98	-2333.65	2SLU	-19.56	2SLU	-0.30	2SLU	0.48	3SLE R
201Min.	101	-2330.30	2SLU	-19.56	2SLU	-0.31	2SLU	0.49	3SLE R
201Min.	1102	-1348.82	2SLU	-19.56	2SLU	0.85	3SLE R	0.49	3SLE R
201Min.	-219	-1438.24	2SLU	-19.56	2SLU	0.83	3SLE R	0.48	3SLE R
201Max	68	-2479.00	3SLE R	-20.82	3SLE R	-0.26	3SLE R	0.75	2SLU
201Max	83	-2472.49	3SLE R	-20.82	3SLE R	-0.26	3SLE R	0.78	2SLU
201Max	1084	-1532.93	3SLE R	-20.82	3SLE R	1.35	2SLU	0.78	2SLU
201Max	1069	-1631.05	3SLE R	-20.82	3SLE R	1.30	2SLU	0.75	2SLU
201Min.	68	-3437.47	2SLU	-29.05	2SLU	-0.35	2SLU	0.54	3SLE R
201Min.	83	-3427.69	2SLU	-29.05	2SLU	-0.36	2SLU	0.56	3SLE R
201Min.	1084	-2201.91	2SLU	-29.05	2SLU	0.97	3SLE R	0.56	3SLE R
201Min.	1069	-2339.50	2SLU	-29.05	2SLU	0.94	3SLE R	0.54	3SLE R
201Max	-41	-2558.17	3SLE R	-12.88	3SLE R	-0.06	3SLE R	0.24	2SLU
201Max	35	-2560.73	3SLE R	-12.88	3SLE R	-0.07	3SLE R	0.26	2SLU
201Max	1035	-1913.66	3SLE R	-12.88	3SLE R	0.48	2SLU	0.26	2SLU
201Max	-163	-1967.74	3SLE R	-12.88	3SLE R	0.43	1SLU	0.24	2SLU
201Min.	-41	-3563.96	2SLU	-18.04	2SLU	-0.09	2SLU	0.17	3SLE R
201Min.	35	-3567.46	2SLU	-18.04	2SLU	-0.10	2SLU	0.19	3SLE R
201Min.	1035	-2723.40	2SLU	-18.04	2SLU	0.34	3SLE R	0.19	3SLE R
201Min.	-163	-2799.27	2SLU	-18.04	2SLU	0.31	4SLE R	0.17	3SLE R
201Max	35	-3671.40	3SLE R	-22.34	3SLE R	-0.11	3SLE R	0.39	2SLU
201Max	-51	-3663.32	3SLE R	-22.34	3SLE R	-0.13	3SLE R	0.45	2SLU
201Max	-173	-2692.93	3SLE R	-22.34	3SLE R	0.80	2SLU	0.45	2SLU
201Max	1035	-2799.29	3SLE R	-22.34	3SLE R	0.71	2SLU	0.39	2SLU
201Min.	35	-5113.55	2SLU	-31.05	2SLU	-0.15	2SLU	0.28	3SLE R
201Min.	-51	-5101.48	2SLU	-31.05	2SLU	-0.18	2SLU	0.32	3SLE R
201Min.	-173	-3835.54	2SLU	-31.05	2SLU	0.58	3SLE R	0.32	3SLE R
201Min.	1035	-3984.25	2SLU	-31.05	2SLU	0.51	3SLE R	0.28	3SLE R
201Max	28	-2635.41	3SLE R	-12.84	3SLE R	-0.05	3SLE R	0.21	1SLU
201Max	-41	-2637.93	3SLE R	-12.84	3SLE R	-0.06	3SLE R	0.24	2SLU
201Max	-163	-1990.94	3SLE R	-12.84	3SLE R	0.43	1SLU	0.24	2SLU
201Max	1028	-2044.90	3SLE R	-12.84	3SLE R	0.39	1SLU	0.21	1SLU
201Min.	28	-3672.44	2SLU	-17.97	2SLU	-0.07	2SLU	0.15	4SLE R
201Min.	-41	-3675.87	2SLU	-17.97	2SLU	-0.09	2SLU	0.17	3SLE R
201Min.	-163	-2831.96	2SLU	-17.97	2SLU	0.31	4SLE R	0.17	3SLE R
201Min.	1028	-2907.60	2SLU	-17.97	2SLU	0.28	4SLE R	0.15	4SLE R
201Max	15	-4573.42	3SLE R	-20.61	3SLE R	-0.01	3SLE R	0.14	1SLU
201Max	-25	-4558.42	3SLE R	-20.61	3SLE R	-0.03	3SLE R	0.20	1SLU
201Max	-147	-3562.03	3SLE R	-20.61	3SLE R	0.40	1SLU	0.20	1SLU
201Max	1015	-3667.72	3SLE R	-20.61	3SLE R	0.30	1SLU	0.14	1SLU
201Min.	15	-6377.94	2SLU	-28.79	2SLU	-0.02	2SLU	0.10	4SLE R
201Min.	-25	-6356.66	2SLU	-28.79	2SLU	-0.05	2SLU	0.14	4SLE R
201Min.	-147	-5056.97	2SLU	-28.79	2SLU	0.28	4SLE R	0.14	4SLE R
201Min.	1015	-5204.92	2SLU	-28.79	2SLU	0.20	4SLE R	0.10	4SLE R
201Max	83	-1886.97	3SLE R	-14.52	3SLE R	-0.21	3SLE R	0.63	2SLU
201Max	-93	-1885.26	3SLE R	-14.52	3SLE R	-0.22	3SLE R	0.64	2SLU
201Max	-214	-1131.45	3SLE R	-14.52	3SLE R	1.12	2SLU	0.64	2SLU
201Max	1084	-1197.03	3SLE R	-14.52	3SLE R	1.09	2SLU	0.63	2SLU
201Min.	83	-2613.77	2SLU	-20.46	2SLU	-0.29	2SLU	0.45	3SLE R
201Min.	-93	-2611.37	2SLU	-20.46	2SLU	-0.30	2SLU	0.46	3SLE R
201Min.	-214	-1627.93	2SLU	-20.46	2SLU	0.81	3SLE R	0.46	3SLE R
201Min.	1084	-1720.34	2SLU	-20.46	2SLU	0.78	3SLE R	0.45	3SLE R
201Max	-67	-2982.92	3SLE R	-21.98	3SLE R	-0.20	3SLE R	0.62	2SLU
201Max	65	-2974.55	3SLE R	-21.98	3SLE R	-0.22	3SLE R	0.68	2SLU
201Max	1065	-2004.96	3SLE R	-21.98	3SLE R	1.18	2SLU	0.68	2SLU
201Max	-189	-2110.02	3SLE R	-21.98	3SLE R	1.08	2SLU	0.62	2SLU
201Min.	-67	-4145.34	2SLU	-30.64	2SLU	-0.28	2SLU	0.45	3SLE R
201Min.	65	-4132.94	2SLU	-30.64	2SLU	-0.31	2SLU	0.49	3SLE R
201Min.	1065	-2867.90	2SLU	-30.64	2SLU	0.85	3SLE R	0.49	3SLE R
201Min.	-189	-3015.13	2SLU	-30.64	2SLU	0.78	3SLE R	0.45	3SLE R
202Max	73	-4584.91	3SLE R	-40.11	3SLE R	-3.09	3SLE R	12.67	2SLU
202Max	-81	-4701.34	3SLE R	-40.11	3SLE R	-3.03	3SLE R	12.49	2SLU
202Max	-203	-4560.19	3SLE R	-40.11	3SLE R	2.02	2SLU	12.49	2SLU



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202Max	1074	-4483.87	3SLE R	-40.11	3SLE R	2.02	2SLU	12.67	2SLU
202Min.	73	-6458.06	2SLU	-56.44	2SLU	-4.32	2SLU	9.05	3SLE R
202Min.	-81	-6621.76	2SLU	-56.44	2SLU	-4.22	2SLU	8.93	3SLE R
202Min.	-203	-6436.12	2SLU	-56.44	2SLU	1.44	3SLE R	8.93	3SLE R
202Min.	1074	-6328.85	2SLU	-56.44	2SLU	1.43	3SLE R	9.05	3SLE R
202Max	29	-2605.08	3SLE R	25.23	2SLU	0.04	1SLU	-0.11	4SLE R
202Max	27	-2595.00	3SLE R	25.23	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	1027	-2016.02	3SLE R	25.23	2SLU	-0.20	4SLE R	-0.10	4SLE R
202Max	1029	-1946.56	3SLE R	25.23	2SLU	-0.21	4SLE R	-0.11	4SLE R
202Min.	29	-3630.87	2SLU	18.08	3SLE R	0.02	4SLE R	-0.16	1SLU
202Min.	27	-3616.91	2SLU	18.08	3SLE R	0.02	4SLE R	-0.14	1SLU
202Min.	1027	-2868.05	2SLU	18.08	3SLE R	-0.29	1SLU	-0.14	1SLU
202Min.	1029	-2770.98	2SLU	18.08	3SLE R	-0.31	1SLU	-0.16	1SLU
202Max	54	-7465.47	3SLE R	-34.31	3SLE R	-3.60	3SLE R	15.18	2SLU
202Max	-66	-7649.75	3SLE R	-34.31	3SLE R	-3.49	3SLE R	14.89	2SLU
202Max	-188	-7476.35	3SLE R	-34.31	3SLE R	2.60	2SLU	14.89	2SLU
202Max	1054	-7326.37	3SLE R	-34.31	3SLE R	2.58	2SLU	15.18	2SLU
202Min.	54	-10510.20	2SLU	-48.20	2SLU	-5.01	2SLU	10.91	3SLE R
202Min.	-66	-10768.90	2SLU	-48.20	2SLU	-4.85	2SLU	10.73	3SLE R
202Min.	-188	-10541.70	2SLU	-48.20	2SLU	1.87	3SLE R	10.73	3SLE R
202Min.	1054	-10331.20	2SLU	-48.20	2SLU	1.85	3SLE R	10.91	3SLE R
202Max	43	-3155.32	3SLE R	43.40	2SLU	0.13	1SLU	-0.28	4SLE R
202Max	-52	-3159.47	3SLE R	43.40	2SLU	0.11	1SLU	-0.25	4SLE R
202Max	-174	-2282.24	3SLE R	43.40	2SLU	-0.48	4SLE R	-0.25	4SLE R
202Max	1043	-2141.92	3SLE R	43.40	2SLU	-0.53	4SLE R	-0.28	4SLE R
202Min.	43	-4392.11	2SLU	30.95	3SLE R	0.08	4SLE R	-0.40	1SLU
202Min.	-52	-4397.91	2SLU	30.95	3SLE R	0.07	4SLE R	-0.36	1SLU
202Min.	-174	-3264.48	2SLU	30.95	3SLE R	-0.69	1SLU	-0.36	1SLU
202Min.	1043	-3067.73	2SLU	30.95	3SLE R	-0.75	1SLU	-0.40	1SLU
202Max	17	-4532.28	3SLE R	38.16	2SLU	0.01	1SLU	-0.09	4SLE R
202Max	1	-4537.33	3SLE R	38.16	2SLU	0.06	2SLU	-0.12	4SLE R
202Max	1001	-3669.30	3SLE R	38.16	2SLU	-0.24	4SLE R	-0.12	4SLE R
202Max	1017	-3544.07	3SLE R	38.16	2SLU	-0.19	4SLE R	-0.09	4SLE R
202Min.	17	-6320.34	2SLU	27.31	3SLE R	0.00	4SLE R	-0.14	1SLU
202Min.	1	-6327.53	2SLU	27.31	3SLE R	0.04	3SLE R	-0.19	1SLU
202Min.	1001	-5204.92	2SLU	27.31	3SLE R	-0.35	1SLU	-0.19	1SLU
202Min.	1017	-5029.82	2SLU	27.31	3SLE R	-0.30	1SLU	-0.14	1SLU
202Max	-22	-3501.45	3SLE R	30.58	2SLU	0.02	1SLU	-0.09	4SLE R
202Max	17	-3495.15	3SLE R	30.58	2SLU	0.01	1SLU	-0.07	4SLE R
202Max	1017	-2798.55	3SLE R	30.58	2SLU	-0.16	4SLE R	-0.07	4SLE R
202Max	-144	-2708.47	3SLE R	30.58	2SLU	-0.18	4SLE R	-0.09	4SLE R
202Min.	-22	-4882.18	2SLU	21.91	3SLE R	0.01	4SLE R	-0.13	1SLU
202Min.	17	-4873.52	2SLU	21.91	3SLE R	0.00	4SLE R	-0.11	1SLU
202Min.	1017	-3972.57	2SLU	21.91	3SLE R	-0.24	1SLU	-0.11	1SLU
202Min.	-144	-3846.68	2SLU	21.91	3SLE R	-0.27	1SLU	-0.13	1SLU
202Max	-66	-7564.60	3SLE R	-35.00	3SLE R	-3.33	3SLE R	14.20	2SLU
202Max	-346	-7733.88	3SLE R	-35.00	3SLE R	-3.23	3SLE R	13.94	2SLU
202Max	-344	-7567.94	3SLE R	-35.00	3SLE R	2.50	2SLU	13.94	2SLU
202Max	-188	-7433.67	3SLE R	-35.00	3SLE R	2.48	2SLU	14.20	2SLU
202Min.	-66	-10647.80	2SLU	-49.25	2SLU	-4.62	2SLU	10.23	3SLE R
202Min.	-346	-10885.40	2SLU	-49.25	2SLU	-4.47	2SLU	10.06	3SLE R
202Min.	-344	-10667.80	2SLU	-49.25	2SLU	1.80	3SLE R	10.06	3SLE R
202Min.	-188	-10479.50	2SLU	-49.25	2SLU	1.79	3SLE R	10.23	3SLE R
202Max	-26	-3376.26	3SLE R	30.91	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	-22	-3369.72	3SLE R	30.91	2SLU	0.02	1SLU	-0.09	4SLE R
202Max	-144	-2673.63	3SLE R	30.91	2SLU	-0.18	4SLE R	-0.09	4SLE R
202Max	-148	-2582.76	3SLE R	30.91	2SLU	-0.21	4SLE R	-0.10	4SLE R
202Min.	-26	-4707.03	2SLU	22.14	3SLE R	0.01	4SLE R	-0.15	1SLU
202Min.	-22	-4698.04	2SLU	22.14	3SLE R	0.01	4SLE R	-0.13	1SLU
202Min.	-144	-3797.80	2SLU	22.14	3SLE R	-0.27	1SLU	-0.13	1SLU
202Min.	-148	-3670.81	2SLU	22.14	3SLE R	-0.31	1SLU	-0.15	1SLU
202Max	67	-10205.80	3SLE R	-13.54	3SLE R	-5.50	3SLE R	22.57	2SLU
202Max	54	-10583.90	3SLE R	-13.54	3SLE R	-5.25	3SLE R	21.94	2SLU
202Max	1054	-10342.80	3SLE R	-13.54	3SLE R	3.66	2SLU	21.94	2SLU
202Max	1067	-9978.23	3SLE R	-13.54	3SLE R	3.62	2SLU	22.57	2SLU
202Min.	67	-14371.40	2SLU	-19.08	2SLU	-7.66	2SLU	16.16	3SLE R
202Min.	54	-14902.50	2SLU	-19.08	2SLU	-7.31	2SLU	15.76	3SLE R
202Min.	1054	-14588.30	2SLU	-19.08	2SLU	2.63	3SLE R	15.76	3SLE R
202Min.	1067	-14076.30	2SLU	-19.08	2SLU	2.58	3SLE R	16.16	3SLE R



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

202Max	-48	-3585.47	3SLE R	42.03	2SLU	0.09	1SLU	-0.22	4SLE R
202Max	-43	-3590.33	3SLE R	42.03	2SLU	0.07	1SLU	-0.19	4SLE R
202Max	-165	-2711.06	3SLE R	42.03	2SLU	-0.38	4SLE R	-0.19	4SLE R
202Max	-170	-2574.12	3SLE R	42.03	2SLU	-0.43	4SLE R	-0.22	4SLE R
202Min.	-48	-4994.88	2SLU	30.02	3SLE R	0.06	4SLE R	-0.32	1SLU
202Min.	-43	-5001.73	2SLU	30.02	3SLE R	0.04	4SLE R	-0.28	1SLU
202Min.	-165	-3865.28	2SLU	30.02	3SLE R	-0.55	1SLU	-0.28	1SLU
202Min.	-170	-3673.51	2SLU	30.02	3SLE R	-0.62	1SLU	-0.32	1SLU
202Max	-43	-3796.90	3SLE R	41.22	2SLU	0.07	1SLU	-0.19	4SLE R
202Max	29	-3802.18	3SLE R	41.22	2SLU	0.05	1SLU	-0.16	4SLE R
202Max	1029	-2921.68	3SLE R	41.22	2SLU	-0.33	4SLE R	-0.16	4SLE R
202Max	-165	-2786.78	3SLE R	41.22	2SLU	-0.38	4SLE R	-0.19	4SLE R
202Min.	-43	-5290.96	2SLU	29.46	3SLE R	0.04	4SLE R	-0.28	1SLU
202Min.	29	-5298.42	2SLU	29.46	3SLE R	0.03	4SLE R	-0.24	1SLU
202Min.	1029	-4160.19	2SLU	29.46	3SLE R	-0.48	1SLU	-0.24	1SLU
202Min.	-165	-3971.38	2SLU	29.46	3SLE R	-0.55	1SLU	-0.28	1SLU
202Max	-91	-6838.24	3SLE R	-25.50	3SLE R	-5.14	3SLE R	20.77	2SLU
202Max	73	-7104.66	3SLE R	-25.50	3SLE R	-4.92	3SLE R	19.95	2SLU
202Max	1074	-6893.99	3SLE R	-25.50	3SLE R	3.10	2SLU	19.95	2SLU
202Max	-212	-6653.08	3SLE R	-25.50	3SLE R	3.20	2SLU	20.77	2SLU
202Min.	-91	-9633.44	2SLU	-35.79	2SLU	-7.19	2SLU	14.81	3SLE R
202Min.	73	-10008.10	2SLU	-35.79	2SLU	-6.87	2SLU	14.24	3SLE R
202Min.	1074	-9732.86	2SLU	-35.79	2SLU	2.20	3SLE R	14.24	3SLE R
202Min.	-212	-9394.04	2SLU	-35.79	2SLU	2.26	3SLE R	14.81	3SLE R
202Max	-52	-3371.53	3SLE R	42.77	2SLU	0.11	1SLU	-0.25	4SLE R
202Max	-48	-3375.99	3SLE R	42.77	2SLU	0.09	1SLU	-0.22	4SLE R
202Max	-170	-2497.84	3SLE R	42.77	2SLU	-0.43	4SLE R	-0.22	4SLE R
202Max	-174	-2359.05	3SLE R	42.77	2SLU	-0.48	4SLE R	-0.25	4SLE R
202Min.	-52	-4695.14	2SLU	30.53	3SLE R	0.07	4SLE R	-0.36	1SLU
202Min.	-48	-4701.42	2SLU	30.53	3SLE R	0.06	4SLE R	-0.32	1SLU
202Min.	-170	-3566.62	2SLU	30.53	3SLE R	-0.62	1SLU	-0.32	1SLU
202Min.	-174	-3372.14	2SLU	30.53	3SLE R	-0.69	1SLU	-0.36	1SLU
202Max	-81	-4876.87	3SLE R	-39.35	3SLE R	-3.03	3SLE R	12.49	2SLU
202Max	67	-4994.13	3SLE R	-39.35	3SLE R	-2.96	3SLE R	12.32	2SLU
202Max	1067	-4853.36	3SLE R	-39.35	3SLE R	2.03	2SLU	12.32	2SLU
202Max	-203	-4775.45	3SLE R	-39.35	3SLE R	2.02	2SLU	12.49	2SLU
202Min.	-81	-6868.51	2SLU	-55.39	2SLU	-4.22	2SLU	8.93	3SLE R
202Min.	67	-7033.34	2SLU	-55.39	2SLU	-4.12	2SLU	8.82	3SLE R
202Min.	1067	-6848.23	2SLU	-55.39	2SLU	1.45	3SLE R	8.82	3SLE R
202Min.	-203	-6738.78	2SLU	-55.39	2SLU	1.44	3SLE R	8.93	3SLE R
202Max	90	-5346.51	3SLE R	-26.47	3SLE R	-5.58	3SLE R	22.42	2SLU
202Max	-95	-5607.28	3SLE R	-26.47	3SLE R	-5.36	3SLE R	21.60	2SLU
202Max	-216	-5396.13	3SLE R	-26.47	3SLE R	3.30	2SLU	21.60	2SLU
202Max	1091	-5161.83	3SLE R	-26.47	3SLE R	3.39	2SLU	22.42	2SLU
202Min.	90	-7534.77	2SLU	-37.14	2SLU	-7.82	2SLU	15.93	3SLE R
202Min.	-95	-7901.56	2SLU	-37.14	2SLU	-7.50	2SLU	15.37	3SLE R
202Min.	-216	-7625.70	2SLU	-37.14	2SLU	2.33	3SLE R	15.37	3SLE R
202Min.	1091	-7296.05	2SLU	-37.14	2SLU	2.39	3SLE R	15.93	3SLE R
202Max	27	-3250.06	3SLE R	31.39	2SLU	0.04	1SLU	-0.12	4SLE R
202Max	-26	-3243.15	3SLE R	31.39	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	-148	-2547.83	3SLE R	31.39	2SLU	-0.21	4SLE R	-0.10	4SLE R
202Max	1027	-2455.81	3SLE R	31.39	2SLU	-0.24	4SLE R	-0.12	4SLE R
202Min.	27	-4530.46	2SLU	22.48	3SLE R	0.02	4SLE R	-0.17	1SLU
202Min.	-26	-4520.96	2SLU	22.48	3SLE R	0.01	4SLE R	-0.15	1SLU
202Min.	-148	-3621.79	2SLU	22.48	3SLE R	-0.31	1SLU	-0.15	1SLU
202Min.	1027	-3493.17	2SLU	22.48	3SLE R	-0.35	1SLU	-0.17	1SLU
202Max	-95	-6087.68	3SLE R	-26.06	3SLE R	-5.36	3SLE R	21.60	2SLU
202Max	-91	-6350.87	3SLE R	-26.06	3SLE R	-5.14	3SLE R	20.77	2SLU
202Max	-212	-6139.92	3SLE R	-26.06	3SLE R	3.20	2SLU	20.77	2SLU
202Max	-216	-5902.79	3SLE R	-26.06	3SLE R	3.30	2SLU	21.60	2SLU
202Min.	-95	-8577.55	2SLU	-36.56	2SLU	-7.50	2SLU	15.37	3SLE R
202Min.	-91	-8947.70	2SLU	-36.56	2SLU	-7.19	2SLU	14.81	3SLE R
202Min.	-212	-8672.13	2SLU	-36.56	2SLU	2.26	3SLE R	14.81	3SLE R
202Min.	-216	-8338.54	2SLU	-36.56	2SLU	2.33	3SLE R	15.37	3SLE R
203Max	79	-4510.09	3SLE R	-16.41	3SLE R	5.95	2SLU	-1.01	4SLE R
203Max	-89	-4615.30	3SLE R	-16.41	3SLE R	6.73	2SLU	-3.68	3SLE R
203Max	-210	-4405.53	3SLE R	-16.41	3SLE R	4.11	2SLU	-3.68	3SLE R
203Max	1080	-4316.73	3SLE R	-16.41	3SLE R	5.18	2SLU	-1.01	4SLE R
203Min.	79	-6404.95	2SLU	-22.71	2SLU	4.23	3SLE R	-1.55	1SLU



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203Min.	-89	-6551.66	2SLU	-22.71	2SLU	4.79	3SLE R	-5.24	2SLU
203Min.	-210	-6278.27	2SLU	-22.71	2SLU	2.95	3SLE R	-5.24	2SLU
203Min.	1080	-6154.27	2SLU	-22.71	2SLU	3.72	3SLE R	-1.55	1SLU
203Max	76	-3344.88	3SLE R	-22.51	3SLE R	5.57	2SLU	-8.31	3SLE R
203Max	75	-3387.87	3SLE R	-22.51	3SLE R	5.78	2SLU	-8.98	3SLE R
203Max	1076	-3267.24	3SLE R	-22.51	3SLE R	-0.38	3SLE R	-8.98	3SLE R
203Max	1077	-3246.76	3SLE R	-22.51	3SLE R	-0.19	4SLE R	-8.31	3SLE R
203Min.	76	-4726.17	2SLU	-31.45	2SLU	3.97	3SLE R	-11.69	2SLU
203Min.	75	-4786.01	2SLU	-31.45	2SLU	4.11	3SLE R	-12.63	2SLU
203Min.	1076	-4628.10	2SLU	-31.45	2SLU	-0.53	2SLU	-12.63	2SLU
203Min.	1077	-4599.70	2SLU	-31.45	2SLU	-0.28	1SLU	-11.69	2SLU
203Max	-87	-5285.11	3SLE R	-13.21	3SLE R	8.31	2SLU	-10.33	3SLE R
203Max	77	-5382.70	3SLE R	-13.21	3SLE R	8.90	2SLU	-12.22	3SLE R
203Max	1078	-5188.59	3SLE R	-13.21	3SLE R	0.31	2SLU	-12.22	3SLE R
203Max	-208	-5104.22	3SLE R	-13.21	3SLE R	1.05	2SLU	-10.33	3SLE R
203Min.	-87	-7477.21	2SLU	-18.44	2SLU	5.92	3SLE R	-14.52	2SLU
203Min.	77	-7613.07	2SLU	-18.44	2SLU	6.33	3SLE R	-17.18	2SLU
203Min.	1078	-7360.10	2SLU	-18.44	2SLU	0.22	3SLE R	-17.18	2SLU
203Min.	-208	-7242.68	2SLU	-18.44	2SLU	0.75	3SLE R	-14.52	2SLU
203Max	-83	-6759.90	3SLE R	-14.42	3SLE R	12.06	2SLU	-25.67	3SLE R
203Max	69	-6838.07	3SLE R	-14.42	3SLE R	12.43	2SLU	-26.84	3SLE R
203Max	1070	-6678.52	3SLE R	-14.42	3SLE R	-4.59	3SLE R	-26.84	3SLE R
203Max	-204	-6614.76	3SLE R	-14.42	3SLE R	-4.27	3SLE R	-25.67	3SLE R
203Min.	-83	-9498.55	2SLU	-20.20	2SLU	8.57	3SLE R	-36.13	2SLU
203Min.	69	-9607.16	2SLU	-20.20	2SLU	8.83	3SLE R	-37.79	2SLU
203Min.	1070	-9399.01	2SLU	-20.20	2SLU	-6.46	2SLU	-37.79	2SLU
203Min.	-204	-9310.60	2SLU	-20.20	2SLU	-6.01	2SLU	-36.13	2SLU
203Max	77	-4379.72	3SLE R	-34.95	3SLE R	7.11	2SLU	-9.86	3SLE R
203Max	76	-4455.01	3SLE R	-34.95	3SLE R	7.49	2SLU	-11.06	3SLE R
203Max	1077	-4289.10	3SLE R	-34.95	3SLE R	-0.20	4SLE R	-11.06	3SLE R
203Max	1078	-4248.76	3SLE R	-34.95	3SLE R	0.18	2SLU	-9.86	3SLE R
203Min.	77	-6191.37	2SLU	-50.69	2SLU	5.06	3SLE R	-13.86	2SLU
203Min.	76	-6297.14	2SLU	-50.69	2SLU	5.33	3SLE R	-15.56	2SLU
203Min.	1077	-6078.83	2SLU	-50.69	2SLU	-0.30	1SLU	-15.56	2SLU
203Min.	1078	-6023.75	2SLU	-50.69	2SLU	0.13	3SLE R	-13.86	2SLU
203Max	73	-7353.94	3SLE R	-27.27	4SLE R	12.43	2SLU	-22.89	3SLE R
203Max	-84	-7476.07	3SLE R	-27.27	4SLE R	13.16	2SLU	-25.38	3SLE R
203Max	-205	-7266.82	3SLE R	-27.27	4SLE R	-3.33	3SLE R	-25.38	3SLE R
203Max	1074	-7172.57	3SLE R	-27.27	4SLE R	-2.61	3SLE R	-22.89	3SLE R
203Min.	73	-10356.70	2SLU	-38.91	1SLU	8.83	3SLE R	-32.20	2SLU
203Min.	-84	-10525.80	2SLU	-38.91	1SLU	9.35	3SLE R	-35.71	2SLU
203Min.	-205	-10252.90	2SLU	-38.91	1SLU	-4.69	2SLU	-35.71	2SLU
203Min.	1074	-10121.80	2SLU	-38.91	1SLU	-3.67	2SLU	-32.20	2SLU
203Max	70	-6544.05	3SLE R	-14.45	3SLE R	11.68	2SLU	-24.50	3SLE R
203Max	-83	-6622.10	3SLE R	-14.45	3SLE R	12.06	2SLU	-25.67	3SLE R
203Max	-204	-6462.53	3SLE R	-14.45	3SLE R	-4.27	3SLE R	-25.67	3SLE R
203Max	1071	-6398.93	3SLE R	-14.45	3SLE R	-3.95	3SLE R	-24.50	3SLE R
203Min.	70	-9198.92	2SLU	-20.25	2SLU	8.30	3SLE R	-34.47	2SLU
203Min.	-83	-9307.35	2SLU	-20.25	2SLU	8.57	3SLE R	-36.13	2SLU
203Min.	-204	-9099.18	2SLU	-20.25	2SLU	-6.01	2SLU	-36.13	2SLU
203Min.	1071	-9010.99	2SLU	-20.25	2SLU	-5.55	2SLU	-34.47	2SLU
203Max	78	-5015.70	3SLE R	-13.38	3SLE R	7.72	2SLU	-8.44	3SLE R
203Max	-87	-5112.09	3SLE R	-13.38	3SLE R	8.31	2SLU	-10.33	3SLE R
203Max	-208	-4917.90	3SLE R	-13.38	3SLE R	1.05	2SLU	-10.33	3SLE R
203Max	1079	-4834.89	3SLE R	-13.38	3SLE R	1.79	2SLU	-8.44	3SLE R
203Min.	78	-7101.86	2SLU	-18.66	2SLU	5.50	3SLE R	-11.86	2SLU
203Min.	-87	-7236.14	2SLU	-18.66	2SLU	5.92	3SLE R	-14.52	2SLU
203Min.	-208	-6983.06	2SLU	-18.66	2SLU	0.75	3SLE R	-14.52	2SLU
203Min.	1079	-6867.44	2SLU	-18.66	2SLU	1.28	3SLE R	-11.86	2SLU
203Max	-88	-5093.98	3SLE R	-15.76	3SLE R	7.50	2SLU	-6.35	3SLE R
203Max	78	-5203.24	3SLE R	-15.76	3SLE R	8.28	2SLU	-9.01	3SLE R
203Max	1079	-4993.79	3SLE R	-15.76	3SLE R	1.95	2SLU	-9.01	3SLE R
203Max	-209	-4900.29	3SLE R	-15.76	3SLE R	3.03	2SLU	-6.35	3SLE R
203Min.	-88	-7219.36	2SLU	-21.83	2SLU	5.34	3SLE R	-8.95	2SLU
203Min.	78	-7371.56	2SLU	-21.83	2SLU	5.90	3SLE R	-12.67	2SLU
203Min.	1079	-7098.61	2SLU	-21.83	2SLU	1.39	3SLE R	-12.67	2SLU
203Min.	-209	-6968.24	2SLU	-21.83	2SLU	2.17	3SLE R	-8.95	2SLU
203Max	-89	-4798.81	3SLE R	-16.15	3SLE R	6.73	2SLU	-3.68	3SLE R
203Max	-88	-4905.61	3SLE R	-16.15	3SLE R	7.50	2SLU	-6.35	3SLE R



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203Max	-209	-4695.98	3SLE R	-16.15	3SLE R	3.03	2SLU	-6.35	3SLE R
203Max	-210	-4605.33	3SLE R	-16.15	3SLE R	4.11	2SLU	-3.68	3SLE R
203Min.	-89	-6807.79	2SLU	-22.37	2SLU	4.79	3SLE R	-5.24	2SLU
203Min.	-88	-6956.65	2SLU	-22.37	2SLU	5.34	3SLE R	-8.95	2SLU
203Min.	-209	-6683.43	2SLU	-22.37	2SLU	2.17	3SLE R	-8.95	2SLU
203Min.	-210	-6556.94	2SLU	-22.37	2SLU	2.95	3SLE R	-5.24	2SLU
203Max	-84	-7678.11	3SLE R	-26.85	4SLE R	13.16	2SLU	-25.38	3SLE R
203Max	72	-7802.56	3SLE R	-26.85	4SLE R	13.90	2SLU	-27.87	3SLE R
203Max	1073	-7593.52	3SLE R	-26.85	4SLE R	-4.06	3SLE R	-27.87	3SLE R
203Max	-205	-7496.53	3SLE R	-26.85	4SLE R	-3.33	3SLE R	-25.38	3SLE R
203Min.	-84	-10806.30	2SLU	-38.35	1SLU	9.35	3SLE R	-35.71	2SLU
203Min.	72	-10978.70	2SLU	-38.35	1SLU	9.88	3SLE R	-39.21	2SLU
203Min.	1073	-10706.00	2SLU	-38.35	1SLU	-5.71	2SLU	-39.21	2SLU
203Min.	-205	-10571.20	2SLU	-38.35	1SLU	-4.69	2SLU	-35.71	2SLU
203Max	-85	-7491.72	3SLE R	-10.57	3SLE R	12.49	2SLU	-21.95	3SLE R
203Max	73	-7618.34	3SLE R	-10.57	3SLE R	13.20	2SLU	-24.26	3SLE R
203Max	1074	-7404.72	3SLE R	-10.57	3SLE R	-2.74	3SLE R	-24.26	3SLE R
203Max	-206	-7288.67	3SLE R	-10.57	3SLE R	-2.10	3SLE R	-21.95	3SLE R
203Min.	-85	-10558.10	2SLU	-14.80	2SLU	8.88	3SLE R	-30.89	2SLU
203Min.	73	-10733.80	2SLU	-14.80	2SLU	9.39	3SLE R	-34.14	2SLU
203Min.	1074	-10455.60	2SLU	-14.80	2SLU	-3.87	2SLU	-34.14	2SLU
203Min.	-206	-10294.60	2SLU	-14.80	2SLU	-2.96	2SLU	-30.89	2SLU
203Max	71	-3602.26	3SLE R	-24.44	3SLE R	6.60	2SLU	-13.77	3SLE R
203Max	70	-3636.81	3SLE R	-24.44	3SLE R	6.75	2SLU	-14.28	3SLE R
203Max	1071	-3538.65	3SLE R	-24.44	3SLE R	-2.34	3SLE R	-14.28	3SLE R
203Max	1072	-3528.55	3SLE R	-24.44	3SLE R	-2.20	3SLE R	-13.77	3SLE R
203Min.	71	-5065.20	2SLU	-34.32	2SLU	4.69	3SLE R	-19.38	2SLU
203Min.	70	-5113.34	2SLU	-34.32	2SLU	4.80	3SLE R	-20.10	2SLU
203Min.	1071	-4984.46	2SLU	-34.32	2SLU	-3.30	2SLU	-20.10	2SLU
203Min.	1072	-4970.64	2SLU	-34.32	2SLU	-3.09	2SLU	-19.38	2SLU
203Max	74	-6773.51	3SLE R	-10.90	3SLE R	11.05	2SLU	-17.34	3SLE R
203Max	-86	-6896.60	3SLE R	-10.90	3SLE R	11.77	2SLU	-19.65	3SLE R
203Max	-207	-6682.82	3SLE R	-10.90	3SLE R	-1.45	3SLE R	-19.65	3SLE R
203Max	1075	-6570.63	3SLE R	-10.90	3SLE R	-0.81	3SLE R	-17.34	3SLE R
203Min.	74	-9561.35	2SLU	-15.24	2SLU	7.86	3SLE R	-24.39	2SLU
203Min.	-86	-9732.38	2SLU	-15.24	2SLU	8.37	3SLE R	-27.64	2SLU
203Min.	-207	-9453.92	2SLU	-15.24	2SLU	-2.05	2SLU	-27.64	2SLU
203Min.	1075	-9298.14	2SLU	-15.24	2SLU	-1.14	2SLU	-24.39	2SLU
203Max	72	-5746.58	3SLE R	-16.26	3SLE R	10.20	2SLU	-20.61	3SLE R
203Max	71	-5813.47	3SLE R	-16.26	3SLE R	10.59	2SLU	-21.93	3SLE R
203Max	1072	-5664.72	3SLE R	-16.26	3SLE R	-3.44	3SLE R	-21.93	3SLE R
203Max	1073	-5614.08	3SLE R	-16.26	3SLE R	-3.06	3SLE R	-20.61	3SLE R
203Min.	72	-8083.25	2SLU	-22.79	2SLU	7.25	3SLE R	-28.99	2SLU
203Min.	71	-8176.18	2SLU	-22.79	2SLU	7.52	3SLE R	-30.86	2SLU
203Min.	1072	-7981.98	2SLU	-22.79	2SLU	-4.84	2SLU	-30.86	2SLU
203Min.	1073	-7911.83	2SLU	-22.79	2SLU	-4.30	2SLU	-28.99	2SLU
203Max	75	-2945.38	3SLE R	-16.89	4SLE R	4.98	2SLU	-7.76	3SLE R
203Max	74	-2977.75	3SLE R	-16.89	4SLE R	5.13	2SLU	-8.25	3SLE R
203Max	1075	-2875.15	3SLE R	-16.89	4SLE R	-0.48	3SLE R	-8.25	3SLE R
203Max	1076	-2860.49	3SLE R	-16.89	4SLE R	-0.34	3SLE R	-7.76	3SLE R
203Min.	75	-4160.37	2SLU	-24.17	1SLU	3.54	3SLE R	-10.91	2SLU
203Min.	74	-4204.52	2SLU	-24.17	1SLU	3.65	3SLE R	-11.61	2SLU
203Min.	1075	-4071.18	2SLU	-24.17	1SLU	-0.67	2SLU	-11.61	2SLU
203Min.	1076	-4049.96	2SLU	-24.17	1SLU	-0.48	2SLU	-10.91	2SLU
203Max	-86	-7129.26	3SLE R	-10.72	3SLE R	11.77	2SLU	-19.65	3SLE R
203Max	-85	-7254.27	3SLE R	-10.72	3SLE R	12.49	2SLU	-21.95	3SLE R
203Max	-206	-7040.58	3SLE R	-10.72	3SLE R	-2.10	3SLE R	-21.95	3SLE R
203Max	-207	-6926.28	3SLE R	-10.72	3SLE R	-1.45	3SLE R	-19.65	3SLE R
203Min.	-86	-10055.20	2SLU	-15.00	2SLU	8.37	3SLE R	-27.64	2SLU
203Min.	-85	-10228.80	2SLU	-15.00	2SLU	8.88	3SLE R	-30.89	2SLU
203Min.	-206	-9950.47	2SLU	-15.00	2SLU	-2.96	2SLU	-30.89	2SLU
203Min.	-207	-9791.89	2SLU	-15.00	2SLU	-2.05	2SLU	-27.64	2SLU
203Max	69	-3555.51	3SLE R	-23.47	3SLE R	6.56	2SLU	-14.28	3SLE R
203Max	-351	-3585.85	3SLE R	-23.47	3SLE R	6.66	2SLU	-14.61	3SLE R
203Max	-349	-3495.99	3SLE R	-23.47	3SLE R	-2.57	3SLE R	-14.61	3SLE R
203Max	1070	-3489.12	3SLE R	-23.47	3SLE R	-2.48	3SLE R	-14.28	3SLE R
203Min.	69	-4994.40	2SLU	-33.00	2SLU	4.66	3SLE R	-20.11	2SLU
203Min.	-351	-5036.73	2SLU	-33.00	2SLU	4.73	3SLE R	-20.56	2SLU
203Min.	-349	-4918.66	2SLU	-33.00	2SLU	-3.62	2SLU	-20.56	2SLU





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

203Min.	1070	-4909.34	2SLU	-33.00	2SLU	-3.50	2SLU	-20.11	2SLU
204Max	-109	-1567.02	3SLE R	-16.45	3SLE R	-0.29	3SLE R	0.90	2SLU
204Max	-111	-1552.58	3SLE R	-16.45	3SLE R	-0.29	3SLE R	0.91	2SLU
204Max	-232	-595.15	3SLE R	-16.45	3SLE R	1.60	2SLU	0.91	2SLU
204Max	-230	-681.95	3SLE R	-16.45	3SLE R	1.57	2SLU	0.90	2SLU
204Min.	-109	-2154.03	2SLU	-23.29	2SLU	-0.40	2SLU	0.65	3SLE R
204Min.	-111	-2133.88	2SLU	-23.29	2SLU	-0.40	2SLU	0.66	3SLE R
204Min.	-232	-885.02	2SLU	-23.29	2SLU	1.15	3SLE R	0.66	3SLE R
204Min.	-230	-1007.63	2SLU	-23.29	2SLU	1.14	3SLE R	0.65	3SLE R
204Max	102	-1490.58	3SLE R	68.72	2SLU	2.17	2SLU	-4.43	3SLE R
204Max	-352	-1452.29	3SLE R	68.72	2SLU	2.20	2SLU	-4.50	3SLE R
204Max	-353	-1425.94	3SLE R	68.72	2SLU	-0.69	3SLE R	-4.50	3SLE R
204Max	1103	-1415.36	3SLE R	68.72	2SLU	-0.67	3SLE R	-4.43	3SLE R
204Min.	102	-2093.87	2SLU	48.88	3SLE R	1.54	3SLE R	-6.24	2SLU
204Min.	-352	-2039.99	2SLU	48.88	3SLE R	1.56	3SLE R	-6.35	2SLU
204Min.	-353	-2008.33	2SLU	48.88	3SLE R	-0.98	2SLU	-6.35	2SLU
204Min.	1103	-1993.50	2SLU	48.88	3SLE R	-0.96	2SLU	-6.24	2SLU
204Max	-90	-7506.76	3SLE R	56.98	2SLU	6.95	2SLU	-13.73	3SLE R
204Max	-94	-7261.54	3SLE R	56.98	2SLU	7.30	2SLU	-14.44	3SLE R
204Max	-215	-7084.00	3SLE R	56.98	2SLU	-2.01	3SLE R	-14.44	3SLE R
204Max	-211	-7288.47	3SLE R	56.98	2SLU	-1.90	3SLE R	-13.73	3SLE R
204Min.	-90	-10551.60	2SLU	40.75	3SLE R	4.97	3SLE R	-19.28	2SLU
204Min.	-94	-10206.50	2SLU	40.75	3SLE R	5.21	3SLE R	-20.30	2SLU
204Min.	-215	-9977.72	2SLU	40.75	3SLE R	-2.85	2SLU	-20.30	2SLU
204Min.	-211	-10265.90	2SLU	40.75	3SLE R	-2.69	2SLU	-19.28	2SLU
204Max	-111	-1418.50	3SLE R	-15.60	3SLE R	-0.29	3SLE R	0.91	2SLU
204Max	-114	-1403.38	3SLE R	-15.60	3SLE R	-0.29	3SLE R	0.92	2SLU
204Max	-235	-447.81	3SLE R	-15.60	3SLE R	1.62	2SLU	0.92	2SLU
204Max	-232	-531.57	3SLE R	-15.60	3SLE R	1.60	2SLU	0.91	2SLU
204Min.	-111	-1944.54	2SLU	-22.10	2SLU	-0.40	2SLU	0.66	3SLE R
204Min.	-114	-1923.44	2SLU	-22.10	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-235	-677.18	2SLU	-22.10	2SLU	1.17	3SLE R	0.66	3SLE R
204Min.	-232	-795.55	2SLU	-22.10	2SLU	1.15	3SLE R	0.66	3SLE R
204Max	-117	-1129.39	3SLE R	-14.56	3SLE R	-0.28	3SLE R	0.93	2SLU
204Max	134	-1113.43	3SLE R	-14.56	3SLE R	-0.28	3SLE R	0.94	2SLU
204Max	1135	-160.15	3SLE R	-14.56	3SLE R	1.67	2SLU	0.94	2SLU
204Max	-238	-240.17	3SLE R	-14.56	3SLE R	1.65	2SLU	0.93	2SLU
204Min.	-117	-1536.71	2SLU	-20.65	2SLU	-0.39	2SLU	0.67	3SLE R
204Min.	134	-1514.43	2SLU	-20.65	2SLU	-0.38	2SLU	0.68	3SLE R
204Min.	1135	-271.38	2SLU	-20.65	2SLU	1.21	3SLE R	0.68	3SLE R
204Min.	-238	-384.51	2SLU	-20.65	2SLU	1.19	3SLE R	0.67	3SLE R
204Max	87	-5506.46	3SLE R	43.47	2SLU	6.84	2SLU	-13.60	3SLE R
204Max	102	-5321.52	3SLE R	43.47	2SLU	7.17	2SLU	-14.41	3SLE R
204Max	1103	-5161.20	3SLE R	43.47	2SLU	-2.09	3SLE R	-14.41	3SLE R
204Max	1088	-5315.22	3SLE R	43.47	2SLU	-1.92	3SLE R	-13.60	3SLE R
204Min.	87	-7736.80	2SLU	30.91	3SLE R	4.88	3SLE R	-19.14	2SLU
204Min.	102	-7476.28	2SLU	30.91	3SLE R	5.11	3SLE R	-20.31	2SLU
204Min.	1103	-7269.50	2SLU	30.91	3SLE R	-2.98	2SLU	-20.31	2SLU
204Min.	1088	-7486.55	2SLU	30.91	3SLE R	-2.73	2SLU	-19.14	2SLU
204Max	-114	-1272.92	3SLE R	-14.98	3SLE R	-0.29	3SLE R	0.92	2SLU
204Max	-117	-1257.30	3SLE R	-14.98	3SLE R	-0.28	3SLE R	0.93	2SLU
204Max	-238	-303.10	3SLE R	-14.98	3SLE R	1.65	2SLU	0.93	2SLU
204Max	-235	-384.62	3SLE R	-14.98	3SLE R	1.62	2SLU	0.92	2SLU
204Min.	-114	-1739.18	2SLU	-21.23	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-117	-1717.38	2SLU	-21.23	2SLU	-0.39	2SLU	0.67	3SLE R
204Min.	-238	-473.05	2SLU	-21.23	2SLU	1.19	3SLE R	0.67	3SLE R
204Min.	-235	-588.26	2SLU	-21.23	2SLU	1.17	3SLE R	0.66	3SLE R
204Max	-94	-6833.15	3SLE R	57.86	2SLU	7.30	2SLU	-14.44	3SLE R
204Max	87	-6591.62	3SLE R	57.86	2SLU	7.65	2SLU	-15.15	3SLE R
204Max	1088	-6414.39	3SLE R	57.86	2SLU	-2.12	3SLE R	-15.15	3SLE R
204Max	-215	-6614.54	3SLE R	57.86	2SLU	-2.01	3SLE R	-14.44	3SLE R
204Min.	-94	-9603.04	2SLU	41.38	3SLE R	5.21	3SLE R	-20.30	2SLU
204Min.	87	-9263.06	2SLU	41.38	3SLE R	5.45	3SLE R	-21.33	2SLU
204Min.	1088	-9034.70	2SLU	41.38	3SLE R	-3.02	2SLU	-21.33	2SLU
204Min.	-215	-9316.82	2SLU	41.38	3SLE R	-2.85	2SLU	-20.30	2SLU
204Max	113	-1719.42	3SLE R	-17.52	3SLE R	-0.29	3SLE R	0.89	2SLU
204Max	-109	-1705.84	3SLE R	-17.52	3SLE R	-0.29	3SLE R	0.90	2SLU
204Max	-230	-746.05	3SLE R	-17.52	3SLE R	1.57	2SLU	0.90	2SLU
204Max	1114	-836.71	3SLE R	-17.52	3SLE R	1.55	2SLU	0.89	2SLU





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

204Min.	113	-2368.95	2SLU	-24.78	2SLU	-0.40	2SLU	0.64	3SLE R
204Min.	-109	-2350.00	2SLU	-24.78	2SLU	-0.40	2SLU	0.65	3SLE R
204Min.	-230	-1097.85	2SLU	-24.78	2SLU	1.14	3SLE R	0.65	3SLE R
204Min.	1114	-1225.85	2SLU	-24.78	2SLU	1.12	3SLE R	0.64	3SLE R
204Max	70	-8191.57	3SLE R	56.28	2SLU	6.60	2SLU	-13.03	3SLE R
204Max	-90	-7943.45	3SLE R	56.28	2SLU	6.95	2SLU	-13.73	3SLE R
204Max	-211	-7765.66	3SLE R	56.28	2SLU	-1.90	3SLE R	-13.73	3SLE R
204Max	1071	-7973.54	3SLE R	56.28	2SLU	-1.79	3SLE R	-13.03	3SLE R
204Min.	70	-11515.90	2SLU	40.24	3SLE R	4.73	3SLE R	-18.26	2SLU
204Min.	-90	-11166.70	2SLU	40.24	3SLE R	4.97	3SLE R	-19.28	2SLU
204Min.	-211	-10937.60	2SLU	40.24	3SLE R	-2.69	2SLU	-19.28	2SLU
204Min.	1071	-11230.40	2SLU	40.24	3SLE R	-2.52	2SLU	-18.26	2SLU
205Max	78	-3175.87	3SLE R	26.83	1SLU	4.66	2SLU	-10.26	3SLE R
205Max	82	-3050.67	3SLE R	26.83	1SLU	4.81	2SLU	-10.59	3SLE R
205Max	1083	-2935.32	3SLE R	26.83	1SLU	-1.85	3SLE R	-10.59	3SLE R
205Max	1079	-3041.22	3SLE R	26.83	1SLU	-1.79	3SLE R	-10.26	3SLE R
205Min.	78	-4499.33	2SLU	19.15	4SLE R	3.34	3SLE R	-14.31	2SLU
205Min.	82	-4323.91	2SLU	19.15	4SLE R	3.44	3SLE R	-14.79	2SLU
205Min.	1083	-4174.70	2SLU	19.15	4SLE R	-2.59	2SLU	-14.79	2SLU
205Min.	1079	-4323.53	2SLU	19.15	4SLE R	-2.50	2SLU	-14.31	2SLU
205Max	85	-2957.64	3SLE R	13.15	2SLU	6.17	2SLU	-13.53	3SLE R
205Max	-97	-2774.70	3SLE R	13.15	2SLU	6.40	2SLU	-14.03	3SLE R
205Max	-218	-2622.73	3SLE R	13.15	2SLU	-2.44	3SLE R	-14.03	3SLE R
205Max	1086	-2797.11	3SLE R	13.15	2SLU	-2.35	3SLE R	-13.53	3SLE R
205Min.	85	-4204.03	2SLU	8.56	3SLE R	4.42	3SLE R	-18.93	2SLU
205Min.	-97	-3946.71	2SLU	8.56	3SLE R	4.58	3SLE R	-19.67	2SLU
205Min.	-218	-3750.16	2SLU	8.56	3SLE R	-3.43	2SLU	-19.67	2SLU
205Min.	1086	-3994.33	2SLU	8.56	3SLE R	-3.30	2SLU	-18.93	2SLU
205Max	-97	-2422.29	3SLE R	13.65	2SLU	6.40	2SLU	-14.03	3SLE R
205Max	99	-2240.31	3SLE R	13.65	2SLU	6.64	2SLU	-14.53	3SLE R
205Max	1100	-2088.52	3SLE R	13.65	2SLU	-2.53	3SLE R	-14.53	3SLE R
205Max	-218	-2261.58	3SLE R	13.65	2SLU	-2.44	3SLE R	-14.03	3SLE R
205Min.	-97	-3452.60	2SLU	8.93	3SLE R	4.58	3SLE R	-19.67	2SLU
205Min.	99	-3196.60	2SLU	8.93	3SLE R	4.74	3SLE R	-20.40	2SLU
205Min.	1100	-3000.29	2SLU	8.93	3SLE R	-3.56	2SLU	-20.40	2SLU
205Min.	-218	-3242.65	2SLU	8.93	3SLE R	-3.43	2SLU	-19.67	2SLU
205Max	82	-3496.64	3SLE R	13.84	2SLU	5.94	2SLU	-13.03	3SLE R
205Max	85	-3312.01	3SLE R	13.84	2SLU	6.17	2SLU	-13.53	3SLE R
205Max	1086	-3160.69	3SLE R	13.84	2SLU	-2.35	3SLE R	-13.53	3SLE R
205Max	1083	-3335.47	3SLE R	13.84	2SLU	-2.26	3SLE R	-13.03	3SLE R
205Min.	82	-4960.27	2SLU	9.86	3SLE R	4.25	3SLE R	-18.20	2SLU
205Min.	85	-4701.16	2SLU	9.86	3SLE R	4.42	3SLE R	-18.93	2SLU
205Min.	1086	-4504.96	2SLU	9.86	3SLE R	-3.30	2SLU	-18.93	2SLU
205Min.	1083	-4750.22	2SLU	9.86	3SLE R	-3.16	2SLU	-18.20	2SLU
206Max	98	-3498.71	3SLE R	-11.44	3SLE R	10.15	2SLU	-13.17	3SLE R
206Max	97	-3657.53	3SLE R	-11.44	3SLE R	11.01	2SLU	-15.95	3SLE R
206Max	1098	-3425.25	3SLE R	-11.44	3SLE R	-0.12	4SLE R	-15.95	3SLE R
206Max	1099	-3277.87	3SLE R	-11.44	3SLE R	0.91	2SLU	-13.17	3SLE R
206Min.	98	-4979.71	2SLU	-16.06	2SLU	7.23	3SLE R	-18.49	2SLU
206Min.	97	-5200.47	2SLU	-16.06	2SLU	7.84	3SLE R	-22.40	2SLU
206Min.	1098	-4897.91	2SLU	-16.06	2SLU	-0.21	1SLU	-22.40	2SLU
206Min.	1099	-4693.21	2SLU	-16.06	2SLU	0.65	3SLE R	-18.49	2SLU
206Max	91	-3453.69	3SLE R	-32.46	4SLE R	8.87	2SLU	-16.54	3SLE R
206Max	90	-3533.48	3SLE R	-32.46	4SLE R	9.20	2SLU	-17.63	3SLE R
206Max	1091	-3378.13	3SLE R	-32.46	4SLE R	-2.27	3SLE R	-17.63	3SLE R
206Max	1092	-3330.91	3SLE R	-32.46	4SLE R	-1.96	3SLE R	-16.54	3SLE R
206Min.	91	-4870.48	2SLU	-45.37	1SLU	6.31	3SLE R	-23.25	2SLU
206Min.	90	-4981.23	2SLU	-45.37	1SLU	6.54	3SLE R	-24.78	2SLU
206Min.	1091	-4777.85	2SLU	-45.37	1SLU	-3.19	2SLU	-24.78	2SLU
206Min.	1092	-4712.29	2SLU	-45.37	1SLU	-2.76	2SLU	-23.25	2SLU
206Max	90	-5374.09	3SLE R	-34.92	4SLE R	13.17	2SLU	-24.96	3SLE R
206Max	89	-5530.44	3SLE R	-34.92	4SLE R	13.97	2SLU	-27.71	3SLE R
206Max	1090	-5309.33	3SLE R	-34.92	4SLE R	-3.92	3SLE R	-27.71	3SLE R
206Max	1091	-5188.95	3SLE R	-34.92	4SLE R	-3.12	3SLE R	-24.96	3SLE R
206Min.	90	-7571.65	2SLU	-50.40	1SLU	9.36	3SLE R	-35.10	2SLU
206Min.	89	-7788.13	2SLU	-50.40	1SLU	9.93	3SLE R	-38.97	2SLU
206Min.	1090	-7499.66	2SLU	-50.40	1SLU	-5.51	2SLU	-38.97	2SLU
206Min.	1091	-7331.99	2SLU	-50.40	1SLU	-4.38	2SLU	-35.10	2SLU
206Max	99	-2460.95	3SLE R	-29.02	4SLE R	7.58	2SLU	-8.89	3SLE R



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

206Max	98	-2569.96	3SLE R	-29.02	4SLE R	8.13	2SLU	-10.68	3SLE R
206Max	1099	-2375.59	3SLE R	-29.02	4SLE R	0.64	2SLU	-10.68	3SLE R
206Max	1100	-2295.94	3SLE R	-29.02	4SLE R	1.34	2SLU	-8.89	3SLE R
206Min.	99	-3513.36	2SLU	-40.77	1SLU	5.40	3SLE R	-12.48	2SLU
206Min.	98	-3664.60	2SLU	-40.77	1SLU	5.79	3SLE R	-14.99	2SLU
206Min.	1099	-3410.87	2SLU	-40.77	1SLU	0.45	3SLE R	-14.99	2SLU
206Min.	1100	-3299.90	2SLU	-40.77	1SLU	0.96	3SLE R	-12.48	2SLU
206Max	88	-5796.26	3SLE R	-11.41	3SLE R	13.80	2SLU	-28.63	3SLE R
206Max	87	-5923.47	3SLE R	-11.41	3SLE R	14.50	2SLU	-31.00	3SLE R
206Max	1088	-5730.26	3SLE R	-11.41	3SLE R	-5.19	3SLE R	-31.00	3SLE R
206Max	1089	-5614.47	3SLE R	-11.41	3SLE R	-4.50	3SLE R	-28.63	3SLE R
206Min.	88	-8148.40	2SLU	-17.62	2SLU	9.81	3SLE R	-40.26	2SLU
206Min.	87	-8325.91	2SLU	-17.62	2SLU	10.30	3SLE R	-43.59	2SLU
206Min.	1088	-8073.35	2SLU	-17.62	2SLU	-7.30	2SLU	-43.59	2SLU
206Min.	1089	-7913.46	2SLU	-17.62	2SLU	-6.33	2SLU	-40.26	2SLU
206Max	94	-4615.39	3SLE R	-10.84	3SLE R	12.18	2SLU	-19.76	3SLE R
206Max	93	-4782.82	3SLE R	-10.84	3SLE R	13.04	2SLU	-22.54	3SLE R
206Max	1094	-4550.83	3SLE R	-10.84	3SLE R	-1.99	3SLE R	-22.54	3SLE R
206Max	1095	-4394.25	3SLE R	-10.84	3SLE R	-1.21	3SLE R	-19.76	3SLE R
206Min.	94	-6530.83	2SLU	-15.25	2SLU	8.67	3SLE R	-27.77	2SLU
206Min.	93	-6763.42	2SLU	-15.25	2SLU	9.28	3SLE R	-31.68	2SLU
206Min.	1094	-6461.26	2SLU	-15.25	2SLU	-2.80	2SLU	-31.68	2SLU
206Min.	1095	-6243.92	2SLU	-15.25	2SLU	-1.70	2SLU	-27.77	2SLU
206Max	93	-921.42	3SLE R	-19.82	3SLE R	2.57	2SLU	-4.60	3SLE R
206Max	92	-937.03	3SLE R	-19.82	3SLE R	2.60	2SLU	-4.70	3SLE R
206Max	1093	-884.93	3SLE R	-19.82	3SLE R	-0.50	3SLE R	-4.70	3SLE R
206Max	1094	-889.15	3SLE R	-19.82	3SLE R	-0.47	3SLE R	-4.60	3SLE R
206Min.	93	-1302.10	2SLU	-27.88	2SLU	1.83	3SLE R	-6.46	2SLU
206Min.	92	-1323.95	2SLU	-27.88	2SLU	1.85	3SLE R	-6.61	2SLU
206Min.	1093	-1255.16	2SLU	-27.88	2SLU	-0.70	2SLU	-6.61	2SLU
206Min.	1094	-1261.20	2SLU	-27.88	2SLU	-0.66	2SLU	-6.46	2SLU
206Max	95	-813.85	3SLE R	-20.36	3SLE R	2.36	2SLU	-3.93	3SLE R
206Max	94	-829.57	3SLE R	-20.36	3SLE R	2.39	2SLU	-4.03	3SLE R
206Max	1095	-777.21	3SLE R	-20.36	3SLE R	-0.31	3SLE R	-4.03	3SLE R
206Max	1096	-781.85	3SLE R	-20.36	3SLE R	-0.28	3SLE R	-3.93	3SLE R
206Min.	95	-1152.74	2SLU	-28.62	2SLU	1.68	3SLE R	-5.51	2SLU
206Min.	94	-1174.74	2SLU	-28.62	2SLU	1.70	3SLE R	-5.66	2SLU
206Min.	1095	-1105.59	2SLU	-28.62	2SLU	-0.44	2SLU	-5.66	2SLU
206Min.	1096	-1112.20	2SLU	-28.62	2SLU	-0.40	2SLU	-5.51	2SLU
206Max	92	-5198.86	3SLE R	-10.57	3SLE R	13.20	2SLU	-23.06	3SLE R
206Max	91	-5370.30	3SLE R	-10.57	3SLE R	14.05	2SLU	-25.83	3SLE R
206Max	1092	-5138.45	3SLE R	-10.57	3SLE R	-2.92	3SLE R	-25.83	3SLE R
206Max	1093	-4977.58	3SLE R	-10.57	3SLE R	-2.14	3SLE R	-23.06	3SLE R
206Min.	92	-7340.93	2SLU	-14.87	2SLU	9.39	3SLE R	-32.41	2SLU
206Min.	91	-7579.04	2SLU	-14.87	2SLU	9.99	3SLE R	-36.31	2SLU
206Min.	1092	-7277.08	2SLU	-14.87	2SLU	-4.11	2SLU	-36.31	2SLU
206Min.	1093	-7053.83	2SLU	-14.87	2SLU	-3.01	2SLU	-32.41	2SLU
206Max	97	-709.42	3SLE R	-20.92	3SLE R	2.15	2SLU	-3.25	3SLE R
206Max	96	-725.27	3SLE R	-20.92	3SLE R	2.18	2SLU	-3.36	3SLE R
206Max	1097	-672.62	3SLE R	-20.92	3SLE R	-0.13	4SLE R	-3.36	3SLE R
206Max	1098	-677.70	3SLE R	-20.92	3SLE R	-0.10	4SLE R	-3.25	3SLE R
206Min.	97	-1007.69	2SLU	-29.39	2SLU	1.53	3SLE R	-4.57	2SLU
206Min.	96	-1029.86	2SLU	-29.39	2SLU	1.55	3SLE R	-4.72	2SLU
206Min.	1097	-960.32	2SLU	-29.39	2SLU	-0.18	1SLU	-4.72	2SLU
206Min.	1098	-967.54	2SLU	-29.39	2SLU	-0.14	1SLU	-4.57	2SLU
206Max	96	-4048.63	3SLE R	-11.14	3SLE R	11.17	2SLU	-16.47	3SLE R
206Max	95	-4211.73	3SLE R	-11.14	3SLE R	12.02	2SLU	-19.25	3SLE R
206Max	1096	-3979.60	3SLE R	-11.14	3SLE R	-1.07	3SLE R	-19.25	3SLE R
206Max	1097	-3827.64	3SLE R	-11.14	3SLE R	-0.27	4SLE R	-16.47	3SLE R
206Min.	96	-5743.71	2SLU	-15.66	2SLU	7.95	3SLE R	-23.13	2SLU
206Min.	95	-5970.35	2SLU	-15.66	2SLU	8.56	3SLE R	-27.04	2SLU
206Min.	1096	-5667.99	2SLU	-15.66	2SLU	-1.50	2SLU	-27.04	2SLU
206Min.	1097	-5457.00	2SLU	-15.66	2SLU	-0.41	1SLU	-23.13	2SLU
206Max	89	-6495.34	3SLE R	-9.91	3SLE R	15.46	2SLU	-30.57	3SLE R
206Max	88	-6676.44	3SLE R	-9.91	3SLE R	16.45	2SLU	-33.96	3SLE R
206Max	1089	-6444.93	3SLE R	-9.91	3SLE R	-5.28	3SLE R	-33.96	3SLE R
206Max	1090	-6273.73	3SLE R	-9.91	3SLE R	-4.29	3SLE R	-30.57	3SLE R
206Min.	89	-9140.60	2SLU	-13.95	2SLU	10.99	3SLE R	-42.99	2SLU
206Min.	88	-9392.12	2SLU	-13.95	2SLU	11.70	3SLE R	-47.76	2SLU



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206	Min.	1089	-9090.61	2	SLU	-13.95	2	SLU	-7.42	2	SLU	-47.76	2	SLU
206	Min.	1090	-8853.04	2	SLU	-13.95	2	SLU	-6.03	2	SLU	-42.99	2	SLU
207	Max	5	-4834.76	3	SLE R	-4.05	3	SLE R	1.21	2	SLU	-1.57	3	SLE R
207	Max	6	-4831.71	3	SLE R	-4.05	3	SLE R	1.28	2	SLU	-1.62	3	SLE R
207	Max	1006	-3825.93	3	SLE R	-4.05	3	SLE R	-2.65	3	SLE R	-1.62	3	SLE R
207	Max	1005	-3846.79	3	SLE R	-4.05	3	SLE R	-2.58	3	SLE R	-1.57	3	SLE R
207	Min.	5	-6739.21	2	SLU	-5.98	2	SLU	0.87	3	SLE R	-2.19	2	SLU
207	Min.	6	-6735.41	2	SLU	-5.98	2	SLU	0.92	3	SLE R	-2.26	2	SLU
207	Min.	1006	-5426.31	2	SLU	-5.98	2	SLU	-3.71	2	SLU	-2.26	2	SLU
207	Min.	1005	-5456.44	2	SLU	-5.98	2	SLU	-3.60	2	SLU	-2.19	2	SLU
207	Max	-1	-3070.83	3	SLE R	-1.82	4	SLE R	0.61	2	SLU	-0.86	3	SLE R
207	Max	2	-3070.83	3	SLE R	-1.82	4	SLE R	0.64	2	SLU	-0.89	3	SLE R
207	Max	1002	-2448.06	3	SLE R	-1.82	4	SLE R	-1.49	3	SLE R	-0.89	3	SLE R
207	Max	-123	-2456.10	3	SLE R	-1.82	4	SLE R	-1.46	3	SLE R	-0.86	3	SLE R
207	Min.	-1	-4282.16	2	SLU	-2.74	1	SLU	0.44	3	SLE R	-1.21	2	SLU
207	Min.	2	-4282.46	2	SLU	-2.74	1	SLU	0.46	3	SLE R	-1.23	2	SLU
207	Min.	1002	-3472.09	2	SLU	-2.74	1	SLU	-2.08	2	SLU	-1.23	2	SLU
207	Min.	-123	-3483.78	2	SLU	-2.74	1	SLU	-2.04	2	SLU	-1.21	2	SLU
207	Max	4	-4027.87	3	SLE R	-2.40	3	SLE R	0.95	2	SLU	-1.26	3	SLE R
207	Max	5	-4025.29	3	SLE R	-2.40	3	SLE R	1.00	2	SLU	-1.30	3	SLE R
207	Max	1005	-3195.00	3	SLE R	-2.40	3	SLE R	-2.14	3	SLE R	-1.30	3	SLE R
207	Max	1004	-3208.16	3	SLE R	-2.40	3	SLE R	-2.09	3	SLE R	-1.26	3	SLE R
207	Min.	4	-5615.05	2	SLU	-3.70	2	SLU	0.69	3	SLE R	-1.76	2	SLU
207	Min.	5	-5612.02	2	SLU	-3.70	2	SLU	0.72	3	SLE R	-1.81	2	SLU
207	Min.	1005	-4531.38	2	SLU	-3.70	2	SLU	-2.99	2	SLU	-1.81	2	SLU
207	Min.	1004	-4550.69	2	SLU	-3.70	2	SLU	-2.92	2	SLU	-1.76	2	SLU
207	Max	3	-4897.82	3	SLE R	-3.48	4	SLE R	1.08	2	SLU	-1.47	3	SLE R
207	Max	4	-4894.42	3	SLE R	-3.48	4	SLE R	1.15	2	SLU	-1.52	3	SLE R
207	Max	1004	-3889.88	3	SLE R	-3.48	4	SLE R	-2.52	3	SLE R	-1.52	3	SLE R
207	Max	1003	-3908.61	3	SLE R	-3.48	4	SLE R	-2.45	3	SLE R	-1.47	3	SLE R
207	Min.	3	-6828.68	2	SLU	-5.19	1	SLU	0.78	3	SLE R	-2.05	2	SLU
207	Min.	4	-6824.39	2	SLU	-5.19	1	SLU	0.83	3	SLE R	-2.12	2	SLU
207	Min.	1004	-5517.05	2	SLU	-5.19	1	SLU	-3.52	2	SLU	-2.12	2	SLU
207	Min.	1003	-5544.14	2	SLU	-5.19	1	SLU	-3.42	2	SLU	-2.05	2	SLU
207	Max	-2	-2865.39	3	SLE R	-2.69	3	SLE R	0.83	2	SLU	-1.03	3	SLE R
207	Max	8	-2866.57	3	SLE R	-2.69	3	SLE R	0.86	2	SLU	-1.05	3	SLE R
207	Max	1008	-2259.08	3	SLE R	-2.69	3	SLE R	-1.69	3	SLE R	-1.05	3	SLE R
207	Max	-124	-2269.75	3	SLE R	-2.69	3	SLE R	-1.67	3	SLE R	-1.03	3	SLE R
207	Min.	-2	-3992.81	2	SLU	-3.95	2	SLU	0.60	3	SLE R	-1.44	2	SLU
207	Min.	8	-3994.78	2	SLU	-3.95	2	SLU	0.62	3	SLE R	-1.47	2	SLU
207	Min.	1008	-3204.05	2	SLU	-3.95	2	SLU	-2.36	2	SLU	-1.47	2	SLU
207	Min.	-124	-3219.48	2	SLU	-3.95	2	SLU	-2.33	2	SLU	-1.44	2	SLU
207	Max	7	-2879.60	3	SLE R	-2.59	3	SLE R	0.81	2	SLU	-1.01	3	SLE R
207	Max	-2	-2880.65	3	SLE R	-2.59	3	SLE R	0.83	2	SLU	-1.03	3	SLE R
207	Max	-124	-2273.38	3	SLE R	-2.59	3	SLE R	-1.67	3	SLE R	-1.03	3	SLE R
207	Max	1007	-2283.74	3	SLE R	-2.59	3	SLE R	-1.64	3	SLE R	-1.01	3	SLE R
207	Min.	7	-4012.96	2	SLU	-3.82	2	SLU	0.58	3	SLE R	-1.41	2	SLU
207	Min.	-2	-4014.76	2	SLU	-3.82	2	SLU	0.60	3	SLE R	-1.44	2	SLU
207	Min.	-124	-3224.33	2	SLU	-3.82	2	SLU	-2.33	2	SLU	-1.44	2	SLU
207	Min.	1007	-3239.32	2	SLU	-3.82	2	SLU	-2.29	2	SLU	-1.41	2	SLU
207	Max	1	-3082.71	3	SLE R	-1.75	4	SLE R	0.59	2	SLU	-0.84	3	SLE R
207	Max	-1	-3082.63	3	SLE R	-1.75	4	SLE R	0.61	2	SLU	-0.86	3	SLE R
207	Max	-123	-2460.00	3	SLE R	-1.75	4	SLE R	-1.46	3	SLE R	-0.86	3	SLE R
207	Max	1001	-2467.83	3	SLE R	-1.75	4	SLE R	-1.43	3	SLE R	-0.84	3	SLE R
207	Min.	1	-4298.98	2	SLU	-2.64	1	SLU	0.42	3	SLE R	-1.18	2	SLU
207	Min.	-1	-4299.16	2	SLU	-2.64	1	SLU	0.44	3	SLE R	-1.21	2	SLU
207	Min.	-123	-3489.01	2	SLU	-2.64	1	SLU	-2.04	2	SLU	-1.21	2	SLU
207	Min.	1001	-3500.37	2	SLU	-2.64	1	SLU	-2.00	2	SLU	-1.18	2	SLU
207	Max	2	-3907.46	3	SLE R	-1.99	3	SLE R	0.82	2	SLU	-1.13	3	SLE R
207	Max	3	-3905.10	3	SLE R	-1.99	3	SLE R	0.86	2	SLU	-1.17	3	SLE R
207	Max	1003	-3110.11	3	SLE R	-1.99	3	SLE R	-1.94	3	SLE R	-1.17	3	SLE R
207	Max	1002	-3121.20	3	SLE R	-1.99	3	SLE R	-1.90	3	SLE R	-1.13	3	SLE R
207	Min.	2	-5448.35	2	SLU	-3.07	2	SLU	0.59	3	SLE R	-1.58	2	SLU
207	Min.	3	-5445.58	2	SLU	-3.07	2	SLU	0.62	3	SLE R	-1.63	2	SLU
207	Min.	1003	-4411.01	2	SLU	-3.07	2	SLU	-2.71	2	SLU	-1.63	2	SLU
207	Min.	1002	-4427.30	2	SLU	-3.07	2	SLU	-2.65	2	SLU	-1.58	2	SLU
207	Max	6	-3973.42	3	SLE R	-2.90	3	SLE R	1.06	2	SLU	-1.34	3	SLE R
207	Max	7	-3971.30	3	SLE R	-2.90	3	SLE R	1.11	2	SLU	-1.38	3	SLE R
207	Max	1007	-3139.92	3	SLE R	-2.90	3	SLE R	-2.25	3	SLE R	-1.38	3	SLE R



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207Max	1006	-3154.80	3SLE R	-2.90	3SLE R	-2.20	3SLE R	-1.34	3SLE R
207Min.	6	-5537.78	2SLU	-4.41	2SLU	0.76	3SLE R	-1.88	2SLU
207Min.	7	-5535.41	2SLU	-4.41	2SLU	0.79	3SLE R	-1.93	2SLU
207Min.	1007	-4453.22	2SLU	-4.41	2SLU	-3.14	2SLU	-1.93	2SLU
207Min.	1006	-4474.97	2SLU	-4.41	2SLU	-3.07	2SLU	-1.88	2SLU
208Max	-19	-4292.42	3SLE R	-38.35	3SLE R	-0.09	3SLE R	0.32	2SLU
208Max	19	-4296.14	3SLE R	-38.35	3SLE R	-0.09	3SLE R	0.33	2SLU
208Max	1019	-3232.09	3SLE R	-38.35	3SLE R	0.59	2SLU	0.33	2SLU
208Max	-141	-3397.10	3SLE R	-38.35	3SLE R	0.57	1SLU	0.32	2SLU
208Min.	-19	-5979.70	2SLU	-53.72	2SLU	-0.14	2SLU	0.22	3SLE R
208Min.	19	-5985.20	2SLU	-53.72	2SLU	-0.14	2SLU	0.23	3SLE R
208Min.	1019	-4593.43	2SLU	-53.72	2SLU	0.41	3SLE R	0.23	3SLE R
208Min.	-141	-4824.29	2SLU	-53.72	2SLU	0.39	4SLE R	0.22	3SLE R
208Max	8	-4533.84	3SLE R	-38.05	3SLE R	-0.10	3SLE R	0.32	2SLU
208Max	-19	-4537.35	3SLE R	-38.05	3SLE R	-0.09	3SLE R	0.32	2SLU
208Max	-141	-3473.95	3SLE R	-38.05	3SLE R	0.57	1SLU	0.32	2SLU
208Max	1008	-3637.86	3SLE R	-38.05	3SLE R	0.55	1SLU	0.32	2SLU
208Min.	8	-6317.05	2SLU	-53.31	2SLU	-0.15	2SLU	0.22	3SLE R
208Min.	-19	-6322.27	2SLU	-53.31	2SLU	-0.14	2SLU	0.22	3SLE R
208Min.	-141	-4931.39	2SLU	-53.31	2SLU	0.39	4SLE R	0.22	3SLE R
208Min.	1008	-5160.75	2SLU	-53.31	2SLU	0.38	4SLE R	0.22	3SLE R
209Max	21	-2435.18	3SLE R	-2.95	3SLE R	0.89	2SLU	-1.07	3SLE R
209Max	22	-2436.33	3SLE R	-2.95	3SLE R	0.91	2SLU	-1.08	3SLE R
209Max	1022	-1848.92	3SLE R	-2.95	3SLE R	-1.73	3SLE R	-1.08	3SLE R
209Max	1021	-1860.72	3SLE R	-2.95	3SLE R	-1.71	3SLE R	-1.07	3SLE R
209Min.	21	-3391.24	2SLU	-4.30	2SLU	0.64	3SLE R	-1.49	2SLU
209Min.	22	-3393.18	2SLU	-4.30	2SLU	0.66	3SLE R	-1.51	2SLU
209Min.	1022	-2628.50	2SLU	-4.30	2SLU	-2.41	2SLU	-1.51	2SLU
209Min.	1021	-2645.49	2SLU	-4.30	2SLU	-2.38	2SLU	-1.49	2SLU
209Max	20	-3486.64	3SLE R	-4.38	3SLE R	1.22	2SLU	-1.47	3SLE R
209Max	21	-3485.75	3SLE R	-4.38	3SLE R	1.26	2SLU	-1.51	3SLE R
209Max	1021	-2651.11	3SLE R	-4.38	3SLE R	-2.42	3SLE R	-1.51	3SLE R
209Max	1020	-2671.28	3SLE R	-4.38	3SLE R	-2.37	3SLE R	-1.47	3SLE R
209Min.	20	-4856.13	2SLU	-6.38	2SLU	0.87	3SLE R	-2.06	2SLU
209Min.	21	-4855.27	2SLU	-6.38	2SLU	0.91	3SLE R	-2.11	2SLU
209Min.	1021	-3768.74	2SLU	-6.38	2SLU	-3.38	2SLU	-2.11	2SLU
209Min.	1020	-3797.66	2SLU	-6.38	2SLU	-3.31	2SLU	-2.06	2SLU
209Max	19	-1388.29	3SLE R	-1.05	3SLE R	0.48	2SLU	-0.58	3SLE R
209Max	20	-1388.97	3SLE R	-1.05	3SLE R	0.48	2SLU	-0.59	3SLE R
209Max	1020	-1060.10	3SLE R	-1.05	3SLE R	-0.94	3SLE R	-0.59	3SLE R
209Max	1019	-1064.03	3SLE R	-1.05	3SLE R	-0.93	3SLE R	-0.58	3SLE R
209Min.	19	-1933.78	2SLU	-1.53	2SLU	0.34	3SLE R	-0.81	2SLU
209Min.	20	-1934.84	2SLU	-1.53	2SLU	0.35	3SLE R	-0.82	2SLU
209Min.	1020	-1506.96	2SLU	-1.53	2SLU	-1.31	2SLU	-0.82	2SLU
209Min.	1019	-1512.61	2SLU	-1.53	2SLU	-1.30	2SLU	-0.81	2SLU
210Max	22	-3694.73	3SLE R	-36.99	3SLE R	-0.10	3SLE R	0.33	2SLU
210Max	-28	-3704.58	3SLE R	-36.99	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-150	-2712.26	3SLE R	-36.99	3SLE R	0.61	2SLU	0.34	2SLU
210Max	1022	-2865.17	3SLE R	-36.99	3SLE R	0.59	2SLU	0.33	2SLU
210Min.	22	-5144.76	2SLU	-51.75	2SLU	-0.15	2SLU	0.23	3SLE R
210Min.	-28	-5158.70	2SLU	-51.75	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-150	-3860.64	2SLU	-51.75	2SLU	0.42	3SLE R	0.23	3SLE R
210Min.	1022	-4074.38	2SLU	-51.75	2SLU	0.41	3SLE R	0.23	3SLE R
210Max	40	-2076.66	3SLE R	-33.70	3SLE R	-0.15	3SLE R	0.44	2SLU
210Max	-55	-2101.54	3SLE R	-33.70	3SLE R	-0.13	3SLE R	0.43	2SLU
210Max	-177	-1314.12	3SLE R	-33.70	3SLE R	0.75	2SLU	0.43	2SLU
210Max	1040	-1437.52	3SLE R	-33.70	3SLE R	0.76	2SLU	0.44	2SLU
210Min.	40	-2888.50	2SLU	-47.04	2SLU	-0.21	2SLU	0.31	3SLE R
210Min.	-55	-2923.16	2SLU	-47.04	2SLU	-0.19	2SLU	0.30	3SLE R
210Min.	-177	-1892.40	2SLU	-47.04	2SLU	0.53	3SLE R	0.30	3SLE R
210Min.	1040	-2064.72	2SLU	-47.04	2SLU	0.54	3SLE R	0.31	3SLE R
210Max	-55	-1928.30	3SLE R	-33.67	3SLE R	-0.13	3SLE R	0.43	2SLU
210Max	49	-1953.15	3SLE R	-33.67	3SLE R	-0.12	3SLE R	0.41	2SLU
210Max	1049	-1165.79	3SLE R	-33.67	3SLE R	0.73	2SLU	0.41	2SLU
210Max	-177	-1289.11	3SLE R	-33.67	3SLE R	0.75	2SLU	0.43	2SLU
210Min.	-55	-2681.23	2SLU	-47.02	2SLU	-0.19	2SLU	0.30	3SLE R
210Min.	49	-2715.87	2SLU	-47.02	2SLU	-0.18	2SLU	0.29	3SLE R
210Min.	1049	-1685.16	2SLU	-47.02	2SLU	0.52	3SLE R	0.29	3SLE R
210Min.	-177	-1857.41	2SLU	-47.02	2SLU	0.53	3SLE R	0.30	3SLE R



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

210Max	37	-682.02	3SLE R	-4.85	3SLE R	-0.05	3SLE R	0.14	2SLU
210Max	40	-687.86	3SLE R	-4.85	3SLE R	-0.05	3SLE R	0.14	2SLU
210Max	1040	-453.76	3SLE R	-4.85	3SLE R	0.24	2SLU	0.14	2SLU
210Max	1037	-469.25	3SLE R	-4.85	3SLE R	0.24	2SLU	0.14	2SLU
210Min.	37	-948.83	2SLU	-6.77	2SLU	-0.07	2SLU	0.10	3SLE R
210Min.	40	-956.97	2SLU	-6.77	2SLU	-0.07	2SLU	0.10	3SLE R
210Min.	1040	-651.61	2SLU	-6.77	2SLU	0.17	3SLE R	0.10	3SLE R
210Min.	1037	-673.25	2SLU	-6.77	2SLU	0.17	3SLE R	0.10	3SLE R
210Max	-28	-3479.53	3SLE R	-37.22	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-38	-3489.54	3SLE R	-37.22	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-160	-2496.72	3SLE R	-37.22	3SLE R	0.62	2SLU	0.34	2SLU
210Max	-150	-2650.48	3SLE R	-37.22	3SLE R	0.61	2SLU	0.34	2SLU
210Min.	-28	-4844.26	2SLU	-52.07	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-38	-4858.42	2SLU	-52.07	2SLU	-0.13	2SLU	0.24	3SLE R
210Min.	-160	-3559.65	2SLU	-52.07	2SLU	0.43	3SLE R	0.24	3SLE R
210Min.	-150	-3774.59	2SLU	-52.07	2SLU	0.42	3SLE R	0.23	3SLE R
210Max	66	-3442.71	3SLE R	5.41	1SLU	4.45	2SLU	-9.93	3SLE R
210Max	-80	-3309.20	3SLE R	5.41	1SLU	4.65	2SLU	-10.45	3SLE R
210Max	-202	-3184.08	3SLE R	5.41	1SLU	-1.88	3SLE R	-10.45	3SLE R
210Max	1066	-3313.92	3SLE R	5.41	1SLU	-1.76	3SLE R	-9.93	3SLE R
210Min.	66	-4876.51	2SLU	3.40	4SLE R	3.20	3SLE R	-13.79	2SLU
210Min.	-80	-4689.81	2SLU	3.40	4SLE R	3.34	3SLE R	-14.53	2SLU
210Min.	-202	-4527.26	2SLU	3.40	4SLE R	-2.61	2SLU	-14.53	2SLU
210Min.	1066	-4708.97	2SLU	3.40	4SLE R	-2.44	2SLU	-13.79	2SLU
210Max	-42	-2416.21	3SLE R	-27.54	3SLE R	-0.10	3SLE R	0.33	2SLU
210Max	-46	-2429.84	3SLE R	-27.54	3SLE R	-0.12	3SLE R	0.38	2SLU
210Max	-168	-1658.84	3SLE R	-27.54	3SLE R	0.67	2SLU	0.38	2SLU
210Max	-164	-1766.37	3SLE R	-27.54	3SLE R	0.58	2SLU	0.33	2SLU
210Min.	-42	-3362.29	2SLU	-38.76	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-46	-3382.00	2SLU	-38.76	2SLU	-0.18	2SLU	0.27	3SLE R
210Min.	-168	-2373.18	2SLU	-38.76	2SLU	0.47	3SLE R	0.27	3SLE R
210Min.	-164	-2524.03	2SLU	-38.76	2SLU	0.40	3SLE R	0.23	3SLE R
210Max	-46	-2268.59	3SLE R	-28.64	3SLE R	-0.12	3SLE R	0.38	2SLU
210Max	37	-2283.25	3SLE R	-28.64	3SLE R	-0.15	3SLE R	0.44	2SLU
210Max	1037	-1509.83	3SLE R	-28.64	3SLE R	0.76	2SLU	0.44	2SLU
210Max	-168	-1621.17	3SLE R	-28.64	3SLE R	0.67	2SLU	0.38	2SLU
210Min.	-46	-3156.18	2SLU	-40.31	2SLU	-0.18	2SLU	0.27	3SLE R
210Min.	37	-3177.33	2SLU	-40.31	2SLU	-0.21	2SLU	0.31	3SLE R
210Min.	1037	-2165.12	2SLU	-40.31	2SLU	0.54	3SLE R	0.31	3SLE R
210Min.	-168	-2321.32	2SLU	-40.31	2SLU	0.47	3SLE R	0.27	3SLE R
210Max	-80	-3046.86	3SLE R	6.06	1SLU	4.65	2SLU	-10.45	3SLE R
210Max	79	-2913.97	3SLE R	6.06	1SLU	4.85	2SLU	-10.97	3SLE R
210Max	1080	-2789.10	3SLE R	6.06	1SLU	-2.01	3SLE R	-10.97	3SLE R
210Max	-202	-2917.83	3SLE R	6.06	1SLU	-1.88	3SLE R	-10.45	3SLE R
210Min.	-80	-4322.74	2SLU	3.88	4SLE R	3.34	3SLE R	-14.53	2SLU
210Min.	79	-4136.90	2SLU	3.88	4SLE R	3.48	3SLE R	-15.27	2SLU
210Min.	1080	-3974.68	2SLU	3.88	4SLE R	-2.79	2SLU	-15.27	2SLU
210Min.	-202	-4154.88	2SLU	3.88	4SLE R	-2.61	2SLU	-14.53	2SLU
210Max	-343	-5864.98	3SLE R	-10.28	3SLE R	4.17	2SLU	-8.90	4SLE R
210Max	-65	-5692.99	3SLE R	-10.28	3SLE R	4.43	2SLU	-9.58	3SLE R
210Max	-187	-5541.36	3SLE R	-10.28	3SLE R	-1.59	3SLE R	-9.58	3SLE R
210Max	-341	-5723.64	3SLE R	-10.28	3SLE R	-1.43	4SLE R	-8.90	4SLE R
210Min.	-343	-8273.33	2SLU	-14.05	2SLU	3.02	3SLE R	-12.23	1SLU
210Min.	-65	-8032.74	2SLU	-14.05	2SLU	3.20	3SLE R	-13.20	2SLU
210Min.	-187	-7835.28	2SLU	-14.05	2SLU	-2.17	2SLU	-13.20	2SLU
210Min.	-341	-8089.93	2SLU	-14.05	2SLU	-1.95	1SLU	-12.23	1SLU
210Max	-65	-5603.64	3SLE R	-12.02	3SLE R	4.65	2SLU	-10.05	3SLE R
210Max	53	-5413.09	3SLE R	-12.02	3SLE R	4.94	2SLU	-10.81	3SLE R
210Max	1053	-5252.78	3SLE R	-12.02	3SLE R	-1.84	3SLE R	-10.81	3SLE R
210Max	-187	-5455.35	3SLE R	-12.02	3SLE R	-1.66	3SLE R	-10.05	3SLE R
210Min.	-65	-7911.92	2SLU	-16.49	2SLU	3.36	3SLE R	-13.86	2SLU
210Min.	53	-7645.33	2SLU	-16.49	2SLU	3.56	3SLE R	-14.94	2SLU
210Min.	1053	-7436.50	2SLU	-16.49	2SLU	-2.53	2SLU	-14.94	2SLU
210Min.	-187	-7719.58	2SLU	-16.49	2SLU	-2.28	2SLU	-13.86	2SLU
210Max	-38	-2558.84	3SLE R	-25.94	3SLE R	-0.07	3SLE R	0.27	2SLU
210Max	-42	-2570.91	3SLE R	-25.94	3SLE R	-0.10	3SLE R	0.33	2SLU
210Max	-164	-1803.43	3SLE R	-25.94	3SLE R	0.58	2SLU	0.33	2SLU
210Max	-160	-1905.49	3SLE R	-25.94	3SLE R	0.49	2SLU	0.27	2SLU
210Min.	-38	-3561.51	2SLU	-36.52	2SLU	-0.10	2SLU	0.19	3SLE R



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

210Min.	-42	-3579.01	2SLU	-36.52	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-164	-2575.12	2SLU	-36.52	2SLU	0.40	3SLE R	0.23	3SLE R
210Min.	-160	-2718.31	2SLU	-36.52	2SLU	0.34	3SLE R	0.19	3SLE R
210Max	53	-7225.66	3SLE R	0.34	1SLU	7.06	2SLU	-15.32	3SLE R
210Max	66	-6803.34	3SLE R	0.34	1SLU	7.66	2SLU	-16.89	3SLE R
210Max	1066	-6576.87	3SLE R	0.34	1SLU	-2.94	3SLE R	-16.89	3SLE R
210Max	1053	-6999.02	3SLE R	0.34	1SLU	-2.57	3SLE R	-15.32	3SLE R
210Min.	53	-10215.70	2SLU	0.16	4SLE R	5.09	3SLE R	-21.19	2SLU
210Min.	66	-9625.02	2SLU	0.16	4SLE R	5.51	3SLE R	-23.45	2SLU
210Min.	1066	-9330.66	2SLU	0.16	4SLE R	-4.06	2SLU	-23.45	2SLU
210Min.	1053	-9921.00	2SLU	0.16	4SLE R	-3.53	2SLU	-21.19	2SLU
211Max	30	-2120.28	3SLE R	-1.72	4SLE R	0.55	2SLU	-0.76	3SLE R
211Max	-31	-2120.14	3SLE R	-1.72	4SLE R	0.57	2SLU	-0.78	3SLE R
211Max	-153	-1597.22	3SLE R	-1.72	4SLE R	-1.30	3SLE R	-0.78	3SLE R
211Max	1030	-1605.07	3SLE R	-1.72	4SLE R	-1.28	3SLE R	-0.76	3SLE R
211Min.	30	-2954.85	2SLU	-2.56	1SLU	0.40	3SLE R	-1.06	2SLU
211Min.	-31	-2954.79	2SLU	-2.56	1SLU	0.41	3SLE R	-1.08	2SLU
211Min.	-153	-2274.48	2SLU	-2.56	1SLU	-1.81	2SLU	-1.08	2SLU
211Min.	1030	-2285.60	2SLU	-2.56	1SLU	-1.78	2SLU	-1.06	2SLU
211Max	-34	-3813.24	3SLE R	-5.22	3SLE R	1.22	2SLU	-1.57	3SLE R
211Max	-35	-3809.31	3SLE R	-5.22	3SLE R	1.29	2SLU	-1.62	3SLE R
211Max	-157	-2829.82	3SLE R	-5.22	3SLE R	-2.65	3SLE R	-1.62	3SLE R
211Max	-156	-2856.73	3SLE R	-5.22	3SLE R	-2.58	3SLE R	-1.57	3SLE R
211Min.	-34	-5312.53	2SLU	-7.75	2SLU	0.88	3SLE R	-2.19	2SLU
211Min.	-35	-5307.88	2SLU	-7.75	2SLU	0.92	3SLE R	-2.26	2SLU
211Min.	-157	-4032.43	2SLU	-7.75	2SLU	-3.69	2SLU	-2.26	2SLU
211Min.	-156	-4071.18	2SLU	-7.75	2SLU	-3.60	2SLU	-2.19	2SLU
211Max	-37	-3620.73	3SLE R	-5.58	3SLE R	1.48	2SLU	-1.78	3SLE R
211Max	-38	-3616.31	3SLE R	-5.58	3SLE R	1.54	2SLU	-1.83	3SLE R
211Max	-160	-2634.66	3SLE R	-5.58	3SLE R	-2.91	3SLE R	-1.83	3SLE R
211Max	-159	-2663.64	3SLE R	-5.58	3SLE R	-2.85	3SLE R	-1.78	3SLE R
211Min.	-37	-5040.87	2SLU	-8.09	2SLU	1.06	3SLE R	-2.48	2SLU
211Min.	-38	-5035.07	2SLU	-8.09	2SLU	1.11	3SLE R	-2.55	2SLU
211Min.	-160	-3757.08	2SLU	-8.09	2SLU	-4.07	2SLU	-2.55	2SLU
211Min.	-159	-3798.49	2SLU	-8.09	2SLU	-3.98	2SLU	-2.48	2SLU
211Max	-31	-2108.44	3SLE R	-1.77	4SLE R	0.57	2SLU	-0.78	3SLE R
211Max	31	-2108.35	3SLE R	-1.77	4SLE R	0.59	2SLU	-0.79	3SLE R
211Max	1031	-1585.35	3SLE R	-1.77	4SLE R	-1.32	3SLE R	-0.79	3SLE R
211Max	-153	-1593.32	3SLE R	-1.77	4SLE R	-1.30	3SLE R	-0.78	3SLE R
211Min.	-31	-2938.28	2SLU	-2.61	1SLU	0.41	3SLE R	-1.08	2SLU
211Min.	31	-2938.30	2SLU	-2.61	1SLU	0.42	3SLE R	-1.10	2SLU
211Min.	1031	-2257.86	2SLU	-2.61	1SLU	-1.84	2SLU	-1.10	2SLU
211Min.	-153	-2269.16	2SLU	-2.61	1SLU	-1.81	2SLU	-1.08	2SLU
211Max	32	-3671.65	3SLE R	-5.58	3SLE R	1.41	2SLU	-1.73	3SLE R
211Max	-37	-3667.23	3SLE R	-5.58	3SLE R	1.48	2SLU	-1.78	3SLE R
211Max	-159	-2685.58	3SLE R	-5.58	3SLE R	-2.85	3SLE R	-1.78	3SLE R
211Max	1032	-2714.55	3SLE R	-5.58	3SLE R	-2.78	3SLE R	-1.73	3SLE R
211Min.	32	-5112.88	2SLU	-8.09	2SLU	1.02	3SLE R	-2.41	2SLU
211Min.	-37	-5107.08	2SLU	-8.09	2SLU	1.06	3SLE R	-2.48	2SLU
211Min.	-159	-3829.10	2SLU	-8.09	2SLU	-3.98	2SLU	-2.48	2SLU
211Min.	1032	-3870.48	2SLU	-8.09	2SLU	-3.88	2SLU	-2.41	2SLU
211Max	-35	-3765.72	3SLE R	-5.60	3SLE R	1.29	2SLU	-1.62	3SLE R
211Max	-36	-3762.05	3SLE R	-5.60	3SLE R	1.35	2SLU	-1.67	3SLE R
211Max	-158	-2781.74	3SLE R	-5.60	3SLE R	-2.71	3SLE R	-1.67	3SLE R
211Max	-157	-2810.03	3SLE R	-5.60	3SLE R	-2.65	3SLE R	-1.62	3SLE R
211Min.	-35	-5245.57	2SLU	-8.30	2SLU	0.92	3SLE R	-2.26	2SLU
211Min.	-36	-5241.30	2SLU	-8.30	2SLU	0.97	3SLE R	-2.33	2SLU
211Min.	-158	-3964.65	2SLU	-8.30	2SLU	-3.79	2SLU	-2.33	2SLU
211Min.	-157	-4005.43	2SLU	-8.30	2SLU	-3.69	2SLU	-2.26	2SLU
211Max	29	-3260.10	3SLE R	4.58	2SLU	0.80	2SLU	-1.12	3SLE R
211Max	30	-3243.86	3SLE R	4.58	2SLU	0.84	2SLU	-1.16	3SLE R
211Max	1030	-2460.25	3SLE R	4.58	2SLU	-1.94	3SLE R	-1.16	3SLE R
211Max	1029	-2462.45	3SLE R	4.58	2SLU	-1.90	3SLE R	-1.12	3SLE R
211Min.	29	-4543.67	2SLU	3.19	3SLE R	0.57	3SLE R	-1.57	2SLU
211Min.	30	-4520.70	2SLU	3.19	3SLE R	0.60	3SLE R	-1.62	2SLU
211Min.	1030	-3502.97	2SLU	3.19	3SLE R	-2.71	2SLU	-1.62	2SLU
211Min.	1029	-3505.78	2SLU	3.19	3SLE R	-2.65	2SLU	-1.57	2SLU
211Max	-36	-3716.43	3SLE R	-5.91	3SLE R	1.35	2SLU	-1.67	3SLE R
211Max	32	-3713.02	3SLE R	-5.91	3SLE R	1.41	2SLU	-1.72	3SLE R





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
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211Max	1032	-2732.01	3SLE R	-5.91	3SLE R	-2.78	3SLE R	-1.72	3SLE R
211Max	-158	-2761.43	3SLE R	-5.91	3SLE R	-2.71	3SLE R	-1.67	3SLE R
211Min.	-36	-5176.01	2SLU	-8.76	2SLU	0.97	3SLE R	-2.33	2SLU
211Min.	32	-5172.11	2SLU	-8.76	2SLU	1.01	3SLE R	-2.40	2SLU
211Min.	1032	-3894.43	2SLU	-8.76	2SLU	-3.88	2SLU	-2.40	2SLU
211Min.	-158	-3936.88	2SLU	-8.76	2SLU	-3.79	2SLU	-2.33	2SLU
211Max	-32	-1944.52	3SLE R	-1.72	4SLE R	0.57	2SLU	-0.75	3SLE R
211Max	-33	-1944.73	3SLE R	-1.72	4SLE R	0.58	2SLU	-0.76	3SLE R
211Max	-155	-1456.92	3SLE R	-1.72	4SLE R	-1.26	3SLE R	-0.76	3SLE R
211Max	-154	-1464.34	3SLE R	-1.72	4SLE R	-1.24	3SLE R	-0.75	3SLE R
211Min.	-32	-2709.67	2SLU	-2.52	1SLU	0.41	3SLE R	-1.05	2SLU
211Min.	-33	-2710.12	2SLU	-2.52	1SLU	0.42	3SLE R	-1.06	2SLU
211Min.	-155	-2075.42	2SLU	-2.52	1SLU	-1.76	2SLU	-1.06	2SLU
211Min.	-154	-2085.98	2SLU	-2.52	1SLU	-1.74	2SLU	-1.05	2SLU
211Max	31	-1955.15	3SLE R	-1.65	4SLE R	0.55	2SLU	-0.74	3SLE R
211Max	-32	-1955.28	3SLE R	-1.65	4SLE R	0.57	2SLU	-0.75	3SLE R
211Max	-154	-1467.60	3SLE R	-1.65	4SLE R	-1.24	3SLE R	-0.75	3SLE R
211Max	1031	-1474.83	3SLE R	-1.65	4SLE R	-1.23	3SLE R	-0.74	3SLE R
211Min.	31	-2724.58	2SLU	-2.44	1SLU	0.40	3SLE R	-1.03	2SLU
211Min.	-32	-2724.90	2SLU	-2.44	1SLU	0.41	3SLE R	-1.05	2SLU
211Min.	-154	-2090.40	2SLU	-2.44	1SLU	-1.74	2SLU	-1.05	2SLU
211Min.	1031	-2100.68	2SLU	-2.44	1SLU	-1.71	2SLU	-1.03	2SLU
211Max	-33	-3858.70	3SLE R	-4.82	3SLE R	1.16	2SLU	-1.52	3SLE R
211Max	-34	-3854.49	3SLE R	-4.82	3SLE R	1.22	2SLU	-1.57	3SLE R
211Max	-156	-2875.87	3SLE R	-4.82	3SLE R	-2.58	3SLE R	-1.57	3SLE R
211Max	-155	-2901.32	3SLE R	-4.82	3SLE R	-2.51	3SLE R	-1.52	3SLE R
211Min.	-33	-5376.49	2SLU	-7.16	2SLU	0.83	3SLE R	-2.12	2SLU
211Min.	-34	-5371.41	2SLU	-7.16	2SLU	0.88	3SLE R	-2.19	2SLU
211Min.	-156	-4097.25	2SLU	-7.16	2SLU	-3.60	2SLU	-2.19	2SLU
211Min.	-155	-4133.84	2SLU	-7.16	2SLU	-3.51	2SLU	-2.12	2SLU
212Max	37	-3039.62	3SLE R	16.62	2SLU	-1.31	3SLE R	2.94	2SLU
212Max	-50	-3038.88	3SLE R	16.62	2SLU	-1.29	3SLE R	2.91	2SLU
212Max	-172	-2094.26	3SLE R	16.62	2SLU	4.61	2SLU	2.91	2SLU
212Max	1037	-2045.48	3SLE R	16.62	2SLU	4.64	2SLU	2.94	2SLU
212Min.	37	-4230.19	2SLU	11.25	3SLE R	-1.83	2SLU	2.11	3SLE R
212Min.	-50	-4227.27	2SLU	11.25	3SLE R	-1.79	2SLU	2.08	3SLE R
212Min.	-172	-3003.65	2SLU	11.25	3SLE R	3.30	3SLE R	2.08	3SLE R
212Min.	1037	-2933.44	2SLU	11.25	3SLE R	3.32	3SLE R	2.11	3SLE R
212Max	-50	-3113.50	3SLE R	19.45	2SLU	-1.29	3SLE R	2.91	2SLU
212Max	36	-3109.46	3SLE R	19.45	2SLU	-1.26	3SLE R	2.88	2SLU
212Max	1036	-2168.17	3SLE R	19.45	2SLU	4.57	2SLU	2.88	2SLU
212Max	-172	-2116.05	3SLE R	19.45	2SLU	4.61	2SLU	2.91	2SLU
212Min.	-50	-4334.42	2SLU	12.76	3SLE R	-1.79	2SLU	2.08	3SLE R
212Min.	36	-4325.30	2SLU	12.76	3SLE R	-1.76	2SLU	2.06	3SLE R
212Min.	1036	-3107.90	2SLU	12.76	3SLE R	3.28	3SLE R	2.06	3SLE R
212Min.	-172	-3031.45	2SLU	12.76	3SLE R	3.30	3SLE R	2.08	3SLE R
213Max	-57	-2781.53	3SLE R	8.05	1SLU	-0.74	3SLE R	1.93	2SLU
213Max	43	-2785.66	3SLE R	8.05	1SLU	-0.69	3SLE R	1.84	2SLU
213Max	1043	-1927.40	3SLE R	8.05	1SLU	3.09	2SLU	1.84	2SLU
213Max	-179	-1898.12	3SLE R	8.05	1SLU	3.20	2SLU	1.93	2SLU
213Min.	-57	-3870.90	2SLU	5.65	4SLE R	-1.03	2SLU	1.38	3SLE R
213Min.	43	-3876.61	2SLU	5.65	4SLE R	-0.96	2SLU	1.32	3SLE R
213Min.	1043	-2762.04	2SLU	5.65	4SLE R	2.21	3SLE R	1.32	3SLE R
213Min.	-179	-2721.30	2SLU	5.65	4SLE R	2.29	3SLE R	1.38	3SLE R
213Max	48	-1660.12	3SLE R	7.35	2SLU	-0.82	3SLE R	1.85	2SLU
213Max	47	-1658.55	3SLE R	7.35	2SLU	-0.79	3SLE R	1.81	2SLU
213Max	1047	-1051.22	3SLE R	7.35	2SLU	2.87	2SLU	1.81	2SLU
213Max	1048	-1029.95	3SLE R	7.35	2SLU	2.92	2SLU	1.85	2SLU
213Min.	48	-2308.53	2SLU	5.19	3SLE R	-1.14	2SLU	1.32	3SLE R
213Min.	47	-2306.19	2SLU	5.19	3SLE R	-1.11	2SLU	1.29	3SLE R
213Min.	1047	-1517.98	2SLU	5.19	3SLE R	2.05	3SLE R	1.29	3SLE R
213Min.	1048	-1487.99	2SLU	5.19	3SLE R	2.09	3SLE R	1.32	3SLE R
213Max	47	-2778.55	3SLE R	14.49	2SLU	-1.29	3SLE R	2.95	2SLU
213Max	-61	-2782.39	3SLE R	14.49	2SLU	-1.23	3SLE R	2.84	2SLU
213Max	-183	-1791.64	3SLE R	14.49	2SLU	4.54	2SLU	2.84	2SLU
213Max	1047	-1743.46	3SLE R	14.49	2SLU	4.68	2SLU	2.95	2SLU
213Min.	47	-3864.86	2SLU	10.08	3SLE R	-1.80	2SLU	2.11	3SLE R
213Min.	-61	-3869.46	2SLU	10.08	3SLE R	-1.71	2SLU	2.03	3SLE R
213Min.	-183	-2584.54	2SLU	10.08	3SLE R	3.25	3SLE R	2.03	3SLE R





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213Min.	1047	-2516.19	2SLU	10.08	3SLE R	3.35	3SLE R	2.11	3SLE R
213Max	-58	-2732.39	3SLE R	7.98	1SLU	-0.79	3SLE R	2.01	2SLU
213Max	-57	-2736.57	3SLE R	7.98	1SLU	-0.74	3SLE R	1.93	2SLU
213Max	-179	-1878.18	3SLE R	7.98	1SLU	3.20	2SLU	1.93	2SLU
213Max	-180	-1849.11	3SLE R	7.98	1SLU	3.31	2SLU	2.01	2SLU
213Min.	-58	-3802.64	2SLU	5.60	4SLE R	-1.10	2SLU	1.43	3SLE R
213Min.	-57	-3808.40	2SLU	5.60	4SLE R	-1.03	2SLU	1.38	3SLE R
213Min.	-179	-2693.68	2SLU	5.60	4SLE R	2.29	3SLE R	1.38	3SLE R
213Min.	-180	-2653.19	2SLU	5.60	4SLE R	2.37	3SLE R	1.43	3SLE R
213Max	45	-2613.48	3SLE R	21.46	2SLU	-0.87	3SLE R	2.13	2SLU
213Max	44	-2596.50	3SLE R	21.46	2SLU	-0.82	3SLE R	2.05	2SLU
213Max	1044	-1770.69	3SLE R	21.46	2SLU	3.37	2SLU	2.05	2SLU
213Max	1045	-1720.54	3SLE R	21.46	2SLU	3.47	2SLU	2.13	2SLU
213Min.	45	-3637.31	2SLU	15.26	3SLE R	-1.22	2SLU	1.52	3SLE R
213Min.	44	-3613.22	2SLU	15.26	3SLE R	-1.15	2SLU	1.47	3SLE R
213Min.	1044	-2543.25	2SLU	15.26	3SLE R	2.41	3SLE R	1.47	3SLE R
213Min.	1045	-2472.91	2SLU	15.26	3SLE R	2.48	3SLE R	1.52	3SLE R
213Max	44	-2473.80	3SLE R	7.44	1SLU	-0.77	3SLE R	1.92	2SLU
213Max	-58	-2476.39	3SLE R	7.44	1SLU	-0.73	3SLE R	1.85	2SLU
213Max	-180	-1685.91	3SLE R	7.44	1SLU	3.05	2SLU	1.85	2SLU
213Max	1044	-1660.11	3SLE R	7.44	1SLU	3.14	2SLU	1.92	2SLU
213Min.	44	-3442.79	2SLU	5.23	4SLE R	-1.07	2SLU	1.37	3SLE R
213Min.	-58	-3446.33	2SLU	5.23	4SLE R	-1.02	2SLU	1.32	3SLE R
213Min.	-180	-2419.86	2SLU	5.23	4SLE R	2.18	3SLE R	1.32	3SLE R
213Min.	1044	-2383.85	2SLU	5.23	4SLE R	2.25	3SLE R	1.37	3SLE R
213Max	49	-1360.89	3SLE R	5.76	2SLU	-0.70	3SLE R	1.57	2SLU
213Max	48	-1358.82	3SLE R	5.76	2SLU	-0.68	3SLE R	1.54	2SLU
213Max	1048	-852.15	3SLE R	5.76	2SLU	2.44	2SLU	1.54	2SLU
213Max	1049	-836.31	3SLE R	5.76	2SLU	2.47	2SLU	1.57	2SLU
213Min.	49	-1892.13	2SLU	4.07	3SLE R	-0.98	2SLU	1.12	3SLE R
213Min.	48	-1889.11	2SLU	4.07	3SLE R	-0.95	2SLU	1.10	3SLE R
213Min.	1048	-1231.48	2SLU	4.07	3SLE R	1.74	3SLE R	1.10	3SLE R
213Min.	1049	-1209.14	2SLU	4.07	3SLE R	1.77	3SLE R	1.12	3SLE R
213Max	-60	-2930.55	3SLE R	13.05	2SLU	-1.16	3SLE R	2.73	2SLU
213Max	46	-2935.05	3SLE R	13.05	2SLU	-1.09	3SLE R	2.62	2SLU
213Max	1046	-1942.11	3SLE R	13.05	2SLU	4.24	2SLU	2.62	2SLU
213Max	-182	-1897.66	3SLE R	13.05	2SLU	4.39	2SLU	2.73	2SLU
213Min.	-60	-4077.93	2SLU	9.08	3SLE R	-1.62	2SLU	1.95	3SLE R
213Min.	46	-4083.48	2SLU	9.08	3SLE R	-1.53	2SLU	1.88	3SLE R
213Min.	1046	-2795.39	2SLU	9.08	3SLE R	3.03	3SLE R	1.88	3SLE R
213Min.	-182	-2732.43	2SLU	9.08	3SLE R	3.14	3SLE R	1.95	3SLE R
213Max	-59	-1335.33	3SLE R	3.53	1SLU	-0.47	3SLE R	1.13	2SLU
213Max	45	-1334.40	3SLE R	3.53	1SLU	-0.46	3SLE R	1.11	2SLU
213Max	1045	-893.02	3SLE R	3.53	1SLU	1.81	2SLU	1.11	2SLU
213Max	-181	-882.96	3SLE R	3.53	1SLU	1.84	2SLU	1.13	2SLU
213Min.	-59	-1858.29	2SLU	2.49	4SLE R	-0.65	2SLU	0.81	3SLE R
213Min.	45	-1856.93	2SLU	2.49	4SLE R	-0.64	2SLU	0.79	3SLE R
213Min.	1045	-1283.73	2SLU	2.49	4SLE R	1.29	3SLE R	0.79	3SLE R
213Min.	-181	-1269.62	2SLU	2.49	4SLE R	1.31	3SLE R	0.81	3SLE R
213Max	-61	-2855.90	3SLE R	13.80	2SLU	-1.23	3SLE R	2.84	2SLU
213Max	-60	-2860.09	3SLE R	13.80	2SLU	-1.16	3SLE R	2.73	2SLU
213Max	-182	-1868.28	3SLE R	13.80	2SLU	4.39	2SLU	2.73	2SLU
213Max	-183	-1821.88	3SLE R	13.80	2SLU	4.54	2SLU	2.84	2SLU
213Min.	-61	-3973.35	2SLU	9.60	3SLE R	-1.71	2SLU	2.03	3SLE R
213Min.	-60	-3978.45	2SLU	9.60	3SLE R	-1.62	2SLU	1.95	3SLE R
213Min.	-182	-2692.01	2SLU	9.60	3SLE R	3.14	3SLE R	1.95	3SLE R
213Min.	-183	-2626.21	2SLU	9.60	3SLE R	3.25	3SLE R	2.03	3SLE R
213Max	46	-1725.19	3SLE R	5.53	1SLU	-0.63	3SLE R	1.52	2SLU
213Max	-59	-1724.50	3SLE R	5.53	1SLU	-0.61	3SLE R	1.48	2SLU
213Max	-181	-1148.75	3SLE R	5.53	1SLU	2.40	2SLU	1.48	2SLU
213Max	1046	-1132.19	3SLE R	5.53	1SLU	2.45	2SLU	1.52	2SLU
213Min.	46	-2400.73	2SLU	3.92	4SLE R	-0.89	2SLU	1.08	3SLE R
213Min.	-59	-2399.66	2SLU	3.92	4SLE R	-0.85	2SLU	1.06	3SLE R
213Min.	-181	-1652.13	2SLU	3.92	4SLE R	1.72	3SLE R	1.06	3SLE R
213Min.	1046	-1628.89	2SLU	3.92	4SLE R	1.75	3SLE R	1.08	3SLE R
268Max	1056	-1251.11	4SLE R	-9.80	4SLE R	5.66	1SLU	-3.24	4SLE R
268Max	1055	-1254.72	4SLE R	-9.80	4SLE R	5.52	1SLU	-3.19	4SLE R
268Max	2056	-579.80	4SLE R	-9.80	4SLE R	-8.65	4SLE R	-3.19	4SLE R
268Max	2057	-650.28	4SLE R	-9.80	4SLE R	-8.74	4SLE R	-3.24	4SLE R



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268Min.	1056	-1799.66	1SLU	-16.25	1SLU	3.49	4SLE R	-5.19	1SLU
268Min.	1055	-1808.11	1SLU	-16.25	1SLU	3.39	4SLE R	-5.11	1SLU
268Min.	2056	-917.44	1SLU	-16.25	1SLU	-13.80	1SLU	-5.11	1SLU
268Min.	2057	-1031.86	1SLU	-16.25	1SLU	-13.94	1SLU	-5.19	1SLU
268Max	-201	-2165.50	4SLE R	-21.21	4SLE R	9.20	1SLU	-5.19	4SLE R
268Max	1056	-2163.60	4SLE R	-21.21	4SLE R	8.86	1SLU	-5.06	4SLE R
268Max	2057	-1084.09	4SLE R	-21.21	4SLE R	-13.69	4SLE R	-5.06	4SLE R
268Max	-288	-1246.33	4SLE R	-21.21	4SLE R	-13.92	4SLE R	-5.19	4SLE R
268Min.	-201	-3144.19	1SLU	-35.17	1SLU	5.68	4SLE R	-8.30	1SLU
268Min.	1056	-3147.08	1SLU	-35.17	1SLU	5.45	4SLE R	-8.12	1SLU
268Min.	2057	-1715.00	1SLU	-35.17	1SLU	-21.83	1SLU	-8.12	1SLU
268Min.	-288	-1977.99	1SLU	-35.17	1SLU	-22.17	1SLU	-8.30	1SLU
268Max	1082	-2411.69	4SLE R	-21.21	4SLE R	9.54	1SLU	-5.31	4SLE R
268Max	-201	-2409.78	4SLE R	-21.21	4SLE R	9.20	1SLU	-5.19	4SLE R
268Max	-288	-1330.28	4SLE R	-21.21	4SLE R	-13.92	4SLE R	-5.19	4SLE R
268Max	2083	-1492.52	4SLE R	-21.21	4SLE R	-14.14	4SLE R	-5.31	4SLE R
268Min.	1082	-3534.32	1SLU	-35.17	1SLU	5.91	4SLE R	-8.48	1SLU
268Min.	-201	-3537.21	1SLU	-35.17	1SLU	5.68	4SLE R	-8.30	1SLU
268Min.	-288	-2105.13	1SLU	-35.17	1SLU	-22.17	1SLU	-8.30	1SLU
268Min.	2083	-2368.13	1SLU	-35.17	1SLU	-22.52	1SLU	-8.48	1SLU
269Max	1050	-2811.82	4SLE R	9.31	1SLU	-1.25	4SLE R	0.46	1SLU
269Max	1042	-2765.93	4SLE R	9.31	1SLU	-1.40	4SLE R	0.58	1SLU
269Max	2043	-1980.90	4SLE R	9.31	1SLU	0.11	1SLU	0.58	1SLU
269Max	2051	-1980.90	4SLE R	9.31	1SLU	-0.07	4SLE R	0.46	1SLU
269Min.	1050	-4227.33	1SLU	6.07	4SLE R	-1.86	1SLU	0.31	4SLE R
269Min.	1042	-4156.91	1SLU	6.07	4SLE R	-2.08	1SLU	0.39	4SLE R
269Min.	2043	-3141.75	1SLU	6.07	4SLE R	0.07	4SLE R	0.39	4SLE R
269Min.	2051	-3141.75	1SLU	6.07	4SLE R	-0.11	1SLU	0.31	4SLE R
270Max	-167	-2615.15	4SLE R	117.22	1SLU	-1.83	4SLE R	0.76	1SLU
270Max	1033	-2407.54	4SLE R	117.22	1SLU	-2.01	4SLE R	0.90	1SLU
270Max	2034	-1810.45	4SLE R	117.22	1SLU	0.40	1SLU	0.90	1SLU
270Max	-265	-1454.53	4SLE R	117.22	1SLU	0.13	1SLU	0.76	1SLU
270Min.	-167	-3895.47	1SLU	74.54	4SLE R	-2.73	1SLU	0.51	4SLE R
270Min.	1033	-3570.40	1SLU	74.54	4SLE R	-2.99	1SLU	0.60	4SLE R
270Min.	2034	-2871.00	1SLU	74.54	4SLE R	0.26	4SLE R	0.60	4SLE R
270Min.	-265	-2309.86	1SLU	74.54	4SLE R	0.09	4SLE R	0.51	4SLE R
270Max	1041	-2170.21	4SLE R	117.22	1SLU	-1.48	4SLE R	0.48	1SLU
270Max	-171	-1962.58	4SLE R	117.22	1SLU	-1.65	4SLE R	0.62	1SLU
270Max	-270	-1365.51	4SLE R	117.22	1SLU	-0.09	4SLE R	0.62	1SLU
270Max	2042	-1009.59	4SLE R	117.22	1SLU	-0.26	4SLE R	0.48	1SLU
270Min.	1041	-3187.26	1SLU	74.54	4SLE R	-2.20	1SLU	0.32	4SLE R
270Min.	-171	-2862.18	1SLU	74.54	4SLE R	-2.46	1SLU	0.41	4SLE R
270Min.	-270	-2162.78	1SLU	74.54	4SLE R	-0.13	1SLU	0.41	4SLE R
270Min.	2042	-1601.65	1SLU	74.54	4SLE R	-0.40	1SLU	0.32	4SLE R
270Max	-171	-2392.66	4SLE R	117.22	1SLU	-1.65	4SLE R	0.62	1SLU
270Max	-167	-2185.05	4SLE R	117.22	1SLU	-1.83	4SLE R	0.76	1SLU
270Max	-265	-1587.97	4SLE R	117.22	1SLU	0.13	1SLU	0.76	1SLU
270Max	-270	-1232.05	4SLE R	117.22	1SLU	-0.09	4SLE R	0.62	1SLU
270Min.	-171	-3541.34	1SLU	74.54	4SLE R	-2.46	1SLU	0.41	4SLE R
270Min.	-167	-3216.27	1SLU	74.54	4SLE R	-2.73	1SLU	0.51	4SLE R
270Min.	-265	-2516.87	1SLU	74.54	4SLE R	0.09	4SLE R	0.51	4SLE R
270Min.	-270	-1955.74	1SLU	74.54	4SLE R	-0.13	1SLU	0.41	4SLE R
271Max	1025	-2635.44	4SLE R	-102.49	4SLE R	-2.03	4SLE R	0.69	1SLU
271Max	-146	-2827.46	4SLE R	-102.49	4SLE R	-2.22	4SLE R	0.84	1SLU
271Max	-250	-1532.84	4SLE R	-102.49	4SLE R	-0.09	4SLE R	0.84	1SLU
271Max	2026	-2115.66	4SLE R	-102.49	4SLE R	-0.28	4SLE R	0.69	1SLU
271Min.	1025	-3916.80	1SLU	-163.62	1SLU	-3.02	1SLU	0.46	4SLE R
271Min.	-146	-4225.83	1SLU	-163.62	1SLU	-3.30	1SLU	0.56	4SLE R
271Min.	-250	-2427.99	1SLU	-163.62	1SLU	-0.14	1SLU	0.56	4SLE R
271Min.	2026	-3355.92	1SLU	-163.62	1SLU	-0.42	1SLU	0.46	4SLE R
271Max	-146	-2049.27	4SLE R	-102.48	4SLE R	-2.22	4SLE R	0.84	1SLU
271Max	-142	-2241.27	4SLE R	-102.48	4SLE R	-2.40	4SLE R	0.99	1SLU
271Max	-247	-946.67	4SLE R	-102.48	4SLE R	0.14	1SLU	0.99	1SLU
271Max	-250	-1529.47	4SLE R	-102.48	4SLE R	-0.09	4SLE R	0.84	1SLU
271Min.	-146	-2988.47	1SLU	-163.61	1SLU	-3.30	1SLU	0.56	4SLE R
271Min.	-142	-3297.45	1SLU	-163.61	1SLU	-3.59	1SLU	0.66	4SLE R
271Min.	-247	-1499.65	1SLU	-163.61	1SLU	0.09	4SLE R	0.66	4SLE R
271Min.	-250	-2427.55	1SLU	-163.61	1SLU	-0.14	1SLU	0.56	4SLE R
271Max	-142	-1463.09	4SLE R	-102.48	4SLE R	-2.40	4SLE R	0.99	1SLU



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

271Max	1009	-1655.04	4SLE R	-102.48	4SLE R	-2.59	4SLE R	1.13	1SLU
271Max	2009	-360.48	4SLE R	-102.48	4SLE R	0.42	1SLU	1.13	1SLU
271Max	-247	-943.25	4SLE R	-102.48	4SLE R	0.14	1SLU	0.99	1SLU
271Min.	-142	-2060.12	1SLU	-163.60	1SLU	-3.59	1SLU	0.66	4SLE R
271Min.	1009	-2369.04	1SLU	-163.60	1SLU	-3.87	1SLU	0.76	4SLE R
271Min.	2009	-571.28	1SLU	-163.60	1SLU	0.28	4SLE R	0.76	4SLE R
271Min.	-247	-1499.16	1SLU	-163.60	1SLU	0.09	4SLE R	0.66	4SLE R
272Max	1065	-1559.10	4SLE R	-210.61	4SLE R	-2.94	4SLE R	4.78	1SLU
272Max	1064	-2094.05	4SLE R	-210.61	4SLE R	-3.25	4SLE R	5.03	1SLU
272Max	2065	-107.24	4SLE R	-210.61	4SLE R	13.66	1SLU	5.03	1SLU
272Max	2066	-1164.51	4SLE R	-210.61	4SLE R	13.18	1SLU	4.78	1SLU
272Min.	1065	-2137.20	1SLU	-331.53	1SLU	-4.87	1SLU	2.94	4SLE R
272Min.	1064	-2970.21	1SLU	-331.53	1SLU	-5.35	1SLU	3.11	4SLE R
272Min.	2065	-169.13	1SLU	-331.53	1SLU	8.51	4SLE R	3.11	4SLE R
272Min.	2066	-1842.46	1SLU	-331.53	1SLU	8.19	4SLE R	2.94	4SLE R
273Max	-191	-1352.08	4SLE R	-604.15	4SLE R	2.29	1SLU	-0.68	4SLE R
273Max	1062	-2774.78	4SLE R	-604.15	4SLE R	2.12	1SLU	-0.62	4SLE R
273Max	2063	335.13	1SLU	-604.15	4SLE R	-0.93	4SLE R	-0.62	4SLE R
273Max	-284	-2934.09	4SLE R	-604.15	4SLE R	-1.04	4SLE R	-0.68	4SLE R
273Min.	-191	-1942.30	1SLU	-958.85	1SLU	1.54	4SLE R	-1.01	1SLU
273Min.	1062	-4201.50	1SLU	-958.85	1SLU	1.43	4SLE R	-0.92	1SLU
273Min.	2063	210.56	4SLE R	-958.85	1SLU	-1.37	1SLU	-0.92	1SLU
273Min.	-284	-4654.60	1SLU	-958.85	1SLU	-1.54	1SLU	-1.01	1SLU
273Max	1052	-3935.01	4SLE R	-604.15	4SLE R	2.46	1SLU	-0.74	4SLE R
273Max	-191	-5357.71	4SLE R	-604.15	4SLE R	2.29	1SLU	-0.68	4SLE R
273Max	-284	-2372.37	4SLE R	-604.15	4SLE R	-1.04	4SLE R	-0.68	4SLE R
273Max	2053	-5517.02	4SLE R	-604.15	4SLE R	-1.15	4SLE R	-0.74	4SLE R
273Min.	1052	-6038.10	1SLU	-958.85	1SLU	1.66	4SLE R	-1.10	1SLU
273Min.	-191	-8297.29	1SLU	-958.85	1SLU	1.54	4SLE R	-1.01	1SLU
273Min.	-284	-3760.67	1SLU	-958.85	1SLU	-1.54	1SLU	-1.01	1SLU
273Min.	2053	-8750.40	1SLU	-958.85	1SLU	-1.71	1SLU	-1.10	1SLU
274Max	1063	-936.38	4SLE R	-24.08	4SLE R	-42.56	4SLE R	54.00	1SLU
274Max	1062	-1051.12	4SLE R	-24.08	4SLE R	-42.75	4SLE R	54.16	1SLU
274Max	2063	-24.54	4SLE R	-24.08	4SLE R	136.83	1SLU	54.16	1SLU
274Max	2064	-91.87	4SLE R	-24.08	4SLE R	136.54	1SLU	54.00	1SLU
274Min.	1063	-1227.70	1SLU	-35.67	1SLU	-67.59	1SLU	34.02	4SLE R
274Min.	1062	-1397.67	1SLU	-35.67	1SLU	-67.88	1SLU	34.12	4SLE R
274Min.	2063	-46.60	1SLU	-35.67	1SLU	86.23	4SLE R	34.12	4SLE R
274Min.	2064	-146.34	1SLU	-35.67	1SLU	86.04	4SLE R	34.02	4SLE R
274Max	1062	-1007.48	4SLE R	-24.09	4SLE R	-42.75	4SLE R	54.16	1SLU
274Max	1061	-1122.25	4SLE R	-24.09	4SLE R	-42.94	4SLE R	54.31	1SLU
274Max	2062	-95.64	4SLE R	-24.09	4SLE R	137.13	1SLU	54.31	1SLU
274Max	2063	-162.99	4SLE R	-24.09	4SLE R	136.83	1SLU	54.16	1SLU
274Min.	1062	-1333.02	1SLU	-35.69	1SLU	-67.88	1SLU	34.12	4SLE R
274Min.	1061	-1503.04	1SLU	-35.69	1SLU	-68.17	1SLU	34.23	4SLE R
274Min.	2062	-151.94	1SLU	-35.69	1SLU	86.43	4SLE R	34.23	4SLE R
274Min.	2063	-251.70	1SLU	-35.69	1SLU	86.23	4SLE R	34.12	4SLE R
275Max	-194	-1167.66	4SLE R	-81.92	4SLE R	-44.49	4SLE R	55.68	1SLU
275Max	-193	-1420.66	4SLE R	-81.92	4SLE R	-44.73	4SLE R	55.86	1SLU
275Max	-286	-79.77	4SLE R	-81.92	4SLE R	140.28	1SLU	55.86	1SLU
275Max	-287	-446.09	4SLE R	-81.92	4SLE R	139.92	1SLU	55.68	1SLU
275Min.	-194	-1565.63	1SLU	-125.47	1SLU	-70.53	1SLU	35.12	4SLE R
275Min.	-193	-1949.43	1SLU	-125.47	1SLU	-70.89	1SLU	35.24	4SLE R
275Min.	-286	-134.54	1SLU	-125.47	1SLU	88.50	4SLE R	35.24	4SLE R
275Min.	-287	-699.32	1SLU	-125.47	1SLU	88.26	4SLE R	35.12	4SLE R
275Max	-192	-805.28	3SLE R	-81.92	4SLE R	-44.97	4SLE R	56.05	1SLU
275Max	1058	-1077.53	3SLE R	-81.92	4SLE R	-45.20	4SLE R	56.24	1SLU
275Max	2059	408.31	1SLU	-81.92	4SLE R	141.00	1SLU	56.24	1SLU
275Max	-285	-106.17	4SLE R	-81.92	4SLE R	140.64	1SLU	56.05	1SLU
275Min.	-192	-1056.45	2SLU	-125.48	1SLU	-71.25	1SLU	35.37	4SLE R
275Min.	1058	-1411.43	2SLU	-125.48	1SLU	-71.60	1SLU	35.50	4SLE R
275Min.	2059	260.15	4SLE R	-125.48	1SLU	88.97	4SLE R	35.50	4SLE R
275Min.	-285	-156.48	1SLU	-125.48	1SLU	88.73	4SLE R	35.37	4SLE R
275Max	1060	-1118.15	4SLE R	-49.85	4SLE R	-32.75	4SLE R	41.10	1SLU
275Max	1059	-1275.34	4SLE R	-49.85	4SLE R	-32.88	4SLE R	41.21	1SLU
275Max	2060	-321.47	4SLE R	-49.85	4SLE R	103.63	1SLU	41.21	1SLU
275Max	2061	-541.12	4SLE R	-49.85	4SLE R	103.44	1SLU	41.10	1SLU
275Min.	1060	-1562.27	1SLU	-76.35	1SLU	-51.93	1SLU	25.92	4SLE R
275Min.	1059	-1801.00	1SLU	-76.35	1SLU	-52.13	1SLU	25.99	4SLE R



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275Min.	2060	-517.32	1SLU	-76.35	1SLU	65.36	4SLE R	25.99	4SLE R
275Min.	2061	-855.78	1SLU	-76.35	1SLU	65.23	4SLE R	25.92	4SLE R
275Max	-193	-997.69	4SLE R	-81.92	4SLE R	-44.73	4SLE R	55.86	1SLU
275Max	-192	-1250.70	4SLE R	-81.92	4SLE R	-44.97	4SLE R	56.05	1SLU
275Max	-285	136.89	1SLU	-81.92	4SLE R	140.64	1SLU	56.05	1SLU
275Max	-286	-276.13	4SLE R	-81.92	4SLE R	140.28	1SLU	55.86	1SLU
275Min.	-193	-1294.19	1SLU	-125.48	1SLU	-70.89	1SLU	35.24	4SLE R
275Min.	-192	-1678.01	1SLU	-125.48	1SLU	-71.25	1SLU	35.37	4SLE R
275Min.	-285	90.20	4SLE R	-125.48	1SLU	88.73	4SLE R	35.37	4SLE R
275Min.	-286	-427.89	1SLU	-125.48	1SLU	88.50	4SLE R	35.24	4SLE R
275Max	1059	-1337.67	4SLE R	-81.92	4SLE R	-44.26	4SLE R	55.49	1SLU
275Max	-194	-1590.64	4SLE R	-81.92	4SLE R	-44.49	4SLE R	55.68	1SLU
275Max	-287	-249.76	4SLE R	-81.92	4SLE R	139.92	1SLU	55.68	1SLU
275Max	2060	-616.08	4SLE R	-81.92	4SLE R	139.56	1SLU	55.49	1SLU
275Min.	1059	-1837.11	1SLU	-125.47	1SLU	-70.18	1SLU	34.99	4SLE R
275Min.	-194	-2220.88	1SLU	-125.47	1SLU	-70.53	1SLU	35.12	4SLE R
275Min.	-287	-406.01	1SLU	-125.47	1SLU	88.26	4SLE R	35.12	4SLE R
275Min.	2060	-970.78	1SLU	-125.47	1SLU	88.02	4SLE R	34.99	4SLE R
276Max	-190	-1563.66	4SLE R	-562.20	4SLE R	4.62	1SLU	-1.87	4SLE R
276Max	1059	-2902.69	4SLE R	-562.20	4SLE R	4.45	1SLU	-1.81	4SLE R
276Max	2060	-75.92	4SLE R	-562.20	4SLE R	-3.92	4SLE R	-1.81	4SLE R
276Max	-283	-2987.10	4SLE R	-562.20	4SLE R	-4.03	4SLE R	-1.87	4SLE R
276Min.	-190	-2280.88	1SLU	-891.42	1SLU	3.04	4SLE R	-2.86	1SLU
276Min.	1059	-4404.07	1SLU	-891.42	1SLU	2.93	4SLE R	-2.78	1SLU
276Min.	2060	-122.35	1SLU	-891.42	1SLU	-6.04	1SLU	-2.78	1SLU
276Min.	-283	-4738.28	1SLU	-891.42	1SLU	-6.21	1SLU	-2.86	1SLU
276Max	1051	-3921.87	4SLE R	-562.20	4SLE R	4.79	1SLU	-1.93	4SLE R
276Max	-190	-5260.90	4SLE R	-562.20	4SLE R	4.62	1SLU	-1.87	4SLE R
276Max	-283	-2434.14	4SLE R	-562.20	4SLE R	-4.03	4SLE R	-1.87	4SLE R
276Max	2052	-5345.32	4SLE R	-562.20	4SLE R	-4.15	4SLE R	-1.93	4SLE R
276Min.	1051	-6020.01	1SLU	-891.42	1SLU	3.15	4SLE R	-2.95	1SLU
276Min.	-190	-8143.19	1SLU	-891.42	1SLU	3.04	4SLE R	-2.86	1SLU
276Min.	-283	-3861.47	1SLU	-891.42	1SLU	-6.21	1SLU	-2.86	1SLU
276Min.	2052	-8477.40	1SLU	-891.42	1SLU	-6.38	1SLU	-2.95	1SLU
277Max	1057	-1839.29	4SLE R	287.28	1SLU	0.93	1SLU	-0.92	4SLE R
277Max	1056	-1540.88	4SLE R	287.28	1SLU	0.52	1SLU	-0.78	4SLE R
277Max	2057	-1112.67	4SLE R	287.28	1SLU	-2.67	4SLE R	-0.78	4SLE R
277Max	2058	-56.20	4SLE R	287.28	1SLU	-2.95	4SLE R	-0.92	4SLE R
277Min.	1057	-2612.85	1SLU	179.22	4SLE R	0.53	4SLE R	-1.51	1SLU
277Min.	1056	-2124.21	1SLU	179.22	4SLE R	0.26	4SLE R	-1.29	1SLU
277Min.	2057	-1772.80	1SLU	179.22	4SLE R	-4.35	1SLU	-1.29	1SLU
277Min.	2058	-89.57	1SLU	179.22	4SLE R	-4.76	1SLU	-1.51	1SLU
278Max	-145	-3644.19	4SLE R	236.61	1SLU	3.60	1SLU	-0.62	4SLE R
278Max	1024	-3327.00	4SLE R	236.61	1SLU	3.27	1SLU	-0.50	4SLE R
278Max	2025	-2912.93	4SLE R	236.61	1SLU	0.45	1SLU	-0.50	4SLE R
278Max	-249	-2102.10	4SLE R	236.61	1SLU	0.12	1SLU	-0.62	4SLE R
278Min.	-145	-5499.97	1SLU	149.21	4SLE R	2.42	4SLE R	-0.92	1SLU
278Min.	1024	-4997.07	1SLU	149.21	4SLE R	2.20	4SLE R	-0.75	1SLU
278Min.	2025	-4619.95	1SLU	149.21	4SLE R	0.30	4SLE R	-0.75	1SLU
278Min.	-249	-3334.09	1SLU	149.21	4SLE R	0.08	4SLE R	-0.92	1SLU
278Max	1010	-1654.57	4SLE R	141.67	1SLU	3.08	1SLU	-0.60	4SLE R
278Max	1011	-1451.72	4SLE R	141.67	1SLU	2.91	1SLU	-0.54	4SLE R
278Max	2011	-1066.49	4SLE R	141.67	1SLU	-0.10	4SLE R	-0.54	4SLE R
278Max	2010	-593.95	4SLE R	141.67	1SLU	-0.22	4SLE R	-0.60	4SLE R
278Min.	1010	-2417.34	1SLU	89.34	4SLE R	2.07	4SLE R	-0.90	1SLU
278Min.	1011	-2095.69	1SLU	89.34	4SLE R	1.95	4SLE R	-0.81	1SLU
278Min.	2011	-1691.40	1SLU	89.34	4SLE R	-0.15	1SLU	-0.81	1SLU
278Min.	2010	-942.02	1SLU	89.34	4SLE R	-0.33	1SLU	-0.90	1SLU
278Max	1011	-2903.75	4SLE R	236.61	1SLU	3.93	1SLU	-0.73	4SLE R
278Max	-145	-2586.58	4SLE R	236.61	1SLU	3.60	1SLU	-0.62	4SLE R
278Max	-249	-2172.50	4SLE R	236.61	1SLU	0.12	1SLU	-0.62	4SLE R
278Max	2011	-1361.68	4SLE R	236.61	1SLU	-0.14	4SLE R	-0.73	4SLE R
278Min.	1011	-4325.58	1SLU	149.21	4SLE R	2.64	4SLE R	-1.09	1SLU
278Min.	-145	-3822.68	1SLU	149.21	4SLE R	2.42	4SLE R	-0.92	1SLU
278Min.	-249	-3445.56	1SLU	149.21	4SLE R	0.08	4SLE R	-0.92	1SLU
278Min.	2011	-2159.71	1SLU	149.21	4SLE R	-0.21	1SLU	-1.09	1SLU
279Max	-166	-6111.85	4SLE R	359.14	1SLU	3.49	1SLU	-0.58	4SLE R
279Max	1038	-5663.46	4SLE R	359.14	1SLU	3.00	1SLU	-0.41	4SLE R
279Max	2039	-5328.79	4SLE R	359.14	1SLU	0.73	1SLU	-0.41	4SLE R



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279Max	-264	-4065.12	4SLE R	359.14	1SLU	0.24	1SLU	-0.58	4SLE R
279Min.	-166	-9352.93	1SLU	226.46	4SLE R	2.35	4SLE R	-0.86	1SLU
279Min.	1038	-8641.94	1SLU	226.46	4SLE R	2.02	4SLE R	-0.60	1SLU
279Min.	2039	-8451.56	1SLU	226.46	4SLE R	0.48	4SLE R	-0.60	1SLU
279Min.	-264	-6447.49	1SLU	226.46	4SLE R	0.16	4SLE R	-0.86	1SLU
279Max	-162	-4889.01	4SLE R	359.14	1SLU	3.98	1SLU	-0.75	4SLE R
279Max	-166	-4440.55	4SLE R	359.14	1SLU	3.49	1SLU	-0.58	4SLE R
279Max	-264	-4105.91	4SLE R	359.14	1SLU	0.24	1SLU	-0.58	4SLE R
279Max	-260	-2842.24	4SLE R	359.14	1SLU	-0.16	4SLE R	-0.75	4SLE R
279Min.	-162	-7413.42	1SLU	226.47	4SLE R	2.67	4SLE R	-1.12	1SLU
279Min.	-166	-6702.33	1SLU	226.47	4SLE R	2.35	4SLE R	-0.86	1SLU
279Min.	-264	-6511.99	1SLU	226.47	4SLE R	0.16	4SLE R	-0.86	1SLU
279Min.	-260	-4507.94	1SLU	226.47	4SLE R	-0.24	1SLU	-1.12	1SLU
279Max	1026	-3666.33	4SLE R	359.15	1SLU	4.47	1SLU	-0.92	4SLE R
279Max	-162	-3217.80	4SLE R	359.15	1SLU	3.98	1SLU	-0.75	4SLE R
279Max	-260	-2883.20	4SLE R	359.15	1SLU	-0.16	4SLE R	-0.75	4SLE R
279Max	2027	-1619.53	4SLE R	359.15	1SLU	-0.48	4SLE R	-0.92	4SLE R
279Min.	1026	-5474.15	1SLU	226.48	4SLE R	3.00	4SLE R	-1.38	1SLU
279Min.	-162	-4762.98	1SLU	226.48	4SLE R	2.67	4SLE R	-1.12	1SLU
279Min.	-260	-4572.68	1SLU	226.48	4SLE R	-0.24	1SLU	-1.12	1SLU
279Min.	2027	-2568.63	1SLU	226.48	4SLE R	-0.73	1SLU	-1.38	1SLU
280Max	1012	-3203.05	4SLE R	827.02	1SLU	3.65	1SLU	-0.70	4SLE R
280Max	-143	-2003.35	4SLE R	827.02	1SLU	3.37	1SLU	-0.60	4SLE R
280Max	2018	-3083.30	4SLE R	827.02	1SLU	-0.01	4SLE R	-0.60	4SLE R
280Max	2012	-337.05	4SLE R	827.02	1SLU	-0.19	4SLE R	-0.70	4SLE R
280Min.	1012	-4821.55	1SLU	521.95	4SLE R	2.44	4SLE R	-1.04	1SLU
280Min.	-143	-2922.60	1SLU	521.95	4SLE R	2.26	4SLE R	-0.90	1SLU
280Min.	2018	-4887.80	1SLU	521.95	4SLE R	-0.01	1SLU	-0.90	1SLU
280Min.	2012	-534.49	1SLU	521.95	4SLE R	-0.29	1SLU	-1.04	1SLU
280Max	-143	-6194.19	4SLE R	960.02	1SLU	3.69	1SLU	-0.66	4SLE R
280Max	1023	-4831.50	4SLE R	960.02	1SLU	3.36	1SLU	-0.54	4SLE R
280Max	2024	-6143.70	4SLE R	960.02	1SLU	0.31	1SLU	-0.54	4SLE R
280Max	2018	-2925.85	4SLE R	960.02	1SLU	-0.01	4SLE R	-0.66	4SLE R
280Min.	-143	-9543.39	1SLU	605.89	4SLE R	2.48	4SLE R	-0.98	1SLU
280Min.	1023	-7386.57	1SLU	605.89	4SLE R	2.26	4SLE R	-0.81	1SLU
280Min.	2024	-9743.96	1SLU	605.89	4SLE R	0.21	4SLE R	-0.81	1SLU
280Min.	2018	-4643.01	1SLU	605.89	4SLE R	-0.01	1SLU	-0.98	1SLU
281Max	1034	-4821.73	4SLE R	44.92	1SLU	2.24	1SLU	-0.43	4SLE R
281Max	-169	-4745.66	4SLE R	44.92	1SLU	2.07	1SLU	-0.37	4SLE R
281Max	-268	-4152.28	4SLE R	44.92	1SLU	0.00	2SLU	-0.37	4SLE R
281Max	2035	-4011.79	4SLE R	44.92	1SLU	-0.11	4SLE R	-0.43	4SLE R
281Min.	1034	-7444.75	1SLU	28.65	4SLE R	1.51	4SLE R	-0.64	1SLU
281Min.	-169	-7326.52	1SLU	28.65	4SLE R	1.39	4SLE R	-0.55	1SLU
281Min.	-268	-6584.16	1SLU	28.65	4SLE R	0.00	3SLE R	-0.55	1SLU
281Min.	2035	-6362.78	1SLU	28.65	4SLE R	-0.17	1SLU	-0.64	1SLU
281Max	-169	-4918.38	4SLE R	44.92	1SLU	2.07	1SLU	-0.37	4SLE R
281Max	1039	-4842.33	4SLE R	44.92	1SLU	1.90	1SLU	-0.31	4SLE R
281Max	2040	-4248.94	4SLE R	44.92	1SLU	0.17	1SLU	-0.31	4SLE R
281Max	-268	-4108.44	4SLE R	44.92	1SLU	0.00	2SLU	-0.37	4SLE R
281Min.	-169	-7599.48	1SLU	28.64	4SLE R	1.39	4SLE R	-0.55	1SLU
281Min.	1039	-7481.28	1SLU	28.64	4SLE R	1.28	4SLE R	-0.46	1SLU
281Min.	2040	-6738.91	1SLU	28.64	4SLE R	0.11	4SLE R	-0.46	1SLU
281Min.	-268	-6517.53	1SLU	28.64	4SLE R	0.00	3SLE R	-0.55	1SLU
282Max	1013	-911.45	4SLE R	7.19	1SLU	4.21	1SLU	-1.00	4SLE R
282Max	1018	-873.45	3SLE R	7.19	1SLU	1.40	1SLU	0.00	2SLU
282Max	2019	0.00	4SLE R	7.19	1SLU	1.40	1SLU	0.00	2SLU
282Max	2013	0.00	3SLE R	7.19	1SLU	-0.94	4SLE R	-1.00	4SLE R
282Min.	1013	-1188.09	1SLU	4.87	4SLE R	2.82	4SLE R	-1.48	1SLU
282Min.	1018	-1135.50	2SLU	4.87	4SLE R	0.94	4SLE R	0.00	3SLE R
282Min.	2019	0.00	1SLU	4.87	4SLE R	0.94	4SLE R	0.00	3SLE R
282Min.	2013	0.00	2SLU	4.87	4SLE R	-1.40	1SLU	-1.48	1SLU
283Max	1015	-4592.31	4SLE R	-473.06	4SLE R	-0.77	4SLE R	0.20	1SLU
283Max	-137	-5540.07	4SLE R	-473.06	4SLE R	-0.96	4SLE R	0.35	1SLU
283Max	-244	-2816.37	4SLE R	-473.06	4SLE R	-0.07	4SLE R	0.35	1SLU
283Max	2015	-5444.91	4SLE R	-473.06	4SLE R	-0.27	4SLE R	0.20	1SLU
283Min.	1015	-6998.65	1SLU	-756.23	1SLU	-1.14	1SLU	0.13	4SLE R
283Min.	-137	-8526.28	1SLU	-756.23	1SLU	-1.43	1SLU	0.24	4SLE R
283Min.	-244	-4451.49	1SLU	-756.23	1SLU	-0.11	1SLU	0.24	4SLE R
283Min.	2015	-8641.00	1SLU	-756.23	1SLU	-0.40	1SLU	0.13	4SLE R



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283Max	-138	987.11	1SLU	-473.03	4SLE R	-1.16	4SLE R	0.51	1SLU
283Max	1016	-454.92	3SLE R	-473.03	4SLE R	-1.35	4SLE R	0.66	1SLU
283Max	2016	3534.28	1SLU	-473.03	4SLE R	0.48	1SLU	0.66	1SLU
283Max	-245	-402.37	4SLE R	-473.03	4SLE R	0.19	1SLU	0.51	1SLU
283Min.	-138	450.12	4SLE R	-756.20	1SLU	-1.73	1SLU	0.34	4SLE R
283Min.	1016	-604.24	2SLU	-756.20	1SLU	-2.02	1SLU	0.44	4SLE R
283Min.	2016	2226.08	4SLE R	-756.20	1SLU	0.32	4SLE R	0.44	4SLE R
283Min.	-245	-655.10	1SLU	-756.20	1SLU	0.12	4SLE R	0.34	4SLE R
283Max	1014	-1770.94	4SLE R	-42.11	4SLE R	-0.20	4SLE R	0.04	1SLU
283Max	1015	-1867.60	4SLE R	-42.11	4SLE R	-0.21	4SLE R	0.05	1SLU
283Max	2015	-1453.28	4SLE R	-42.11	4SLE R	-0.07	4SLE R	0.05	1SLU
283Max	2014	-1674.96	4SLE R	-42.11	4SLE R	-0.09	4SLE R	0.04	1SLU
283Min.	1014	-2732.31	1SLU	-67.32	1SLU	-0.29	1SLU	0.03	4SLE R
283Min.	1015	-2887.77	1SLU	-67.32	1SLU	-0.31	1SLU	0.04	4SLE R
283Min.	2015	-2301.62	1SLU	-67.32	1SLU	-0.11	1SLU	0.04	4SLE R
283Min.	2014	-2655.07	1SLU	-67.32	1SLU	-0.13	1SLU	0.03	4SLE R
283Max	-137	-2071.10	4SLE R	-473.04	4SLE R	-0.96	4SLE R	0.35	1SLU
283Max	-138	-3018.78	4SLE R	-473.04	4SLE R	-1.16	4SLE R	0.51	1SLU
283Max	-245	-295.16	4SLE R	-473.04	4SLE R	0.19	1SLU	0.51	1SLU
283Max	-244	-2923.63	4SLE R	-473.04	4SLE R	-0.07	4SLE R	0.35	1SLU
283Min.	-137	-3005.78	1SLU	-756.21	1SLU	-1.43	1SLU	0.24	4SLE R
283Min.	-138	-4533.30	1SLU	-756.21	1SLU	-1.73	1SLU	0.34	4SLE R
283Min.	-245	-458.61	1SLU	-756.21	1SLU	0.12	4SLE R	0.34	4SLE R
283Min.	-244	-4648.03	1SLU	-756.21	1SLU	-0.11	1SLU	0.24	4SLE R
284Max	-186	-3027.28	4SLE R	-91.62	4SLE R	14.49	1SLU	-6.39	4SLE R
284Max	-189	-3158.15	4SLE R	-91.62	4SLE R	14.04	1SLU	-6.23	4SLE R
284Max	-282	-1672.16	4SLE R	-91.62	4SLE R	-14.57	4SLE R	-6.23	4SLE R
284Max	-279	-2233.92	4SLE R	-91.62	4SLE R	-14.87	4SLE R	-6.39	4SLE R
284Min.	-186	-4471.47	1SLU	-148.60	1SLU	9.29	4SLE R	-10.04	1SLU
284Min.	-189	-4692.20	1SLU	-148.60	1SLU	8.99	4SLE R	-9.80	1SLU
284Min.	-282	-2648.93	1SLU	-148.60	1SLU	-23.01	1SLU	-9.80	1SLU
284Min.	-279	-3551.60	1SLU	-148.60	1SLU	-23.45	1SLU	-10.04	1SLU
284Max	1035	-4966.18	4SLE R	-91.64	4SLE R	15.84	1SLU	-6.86	4SLE R
284Max	-173	-5097.11	4SLE R	-91.64	4SLE R	15.39	1SLU	-6.71	4SLE R
284Max	-272	-3611.03	4SLE R	-91.64	4SLE R	-15.46	4SLE R	-6.71	4SLE R
284Max	2036	-4172.92	4SLE R	-91.64	4SLE R	-15.75	4SLE R	-6.86	4SLE R
284Min.	1035	-7540.15	1SLU	-148.64	1SLU	10.19	4SLE R	-10.75	1SLU
284Min.	-173	-7760.97	1SLU	-148.64	1SLU	9.89	4SLE R	-10.51	1SLU
284Min.	-272	-5717.55	1SLU	-148.64	1SLU	-24.35	1SLU	-10.51	1SLU
284Min.	2036	-6620.43	1SLU	-148.64	1SLU	-24.79	1SLU	-10.75	1SLU
284Max	-178	-3673.49	4SLE R	-91.63	4SLE R	14.94	1SLU	-6.55	4SLE R
284Max	-186	-3804.42	4SLE R	-91.63	4SLE R	14.49	1SLU	-6.39	4SLE R
284Max	-279	-2318.38	4SLE R	-91.63	4SLE R	-14.87	4SLE R	-6.39	4SLE R
284Max	-274	-2880.19	4SLE R	-91.63	4SLE R	-15.16	4SLE R	-6.55	4SLE R
284Min.	-178	-5494.23	1SLU	-148.62	1SLU	9.59	4SLE R	-10.28	1SLU
284Min.	-186	-5715.03	1SLU	-148.62	1SLU	9.29	4SLE R	-10.04	1SLU
284Min.	-279	-3671.69	1SLU	-148.62	1SLU	-23.45	1SLU	-10.04	1SLU
284Min.	-274	-4574.43	1SLU	-148.62	1SLU	-23.90	1SLU	-10.28	1SLU
284Max	-173	-4319.77	4SLE R	-91.64	4SLE R	15.39	1SLU	-6.71	4SLE R
284Max	-178	-4450.72	4SLE R	-91.64	4SLE R	14.94	1SLU	-6.55	4SLE R
284Max	-274	-2964.65	4SLE R	-91.64	4SLE R	-15.16	4SLE R	-6.55	4SLE R
284Max	-272	-3526.50	4SLE R	-91.64	4SLE R	-15.46	4SLE R	-6.71	4SLE R
284Min.	-173	-6517.10	1SLU	-148.63	1SLU	9.89	4SLE R	-10.51	1SLU
284Min.	-178	-6737.93	1SLU	-148.63	1SLU	9.59	4SLE R	-10.28	1SLU
284Min.	-274	-4694.53	1SLU	-148.63	1SLU	-23.90	1SLU	-10.28	1SLU
284Min.	-272	-5597.35	1SLU	-148.63	1SLU	-24.35	1SLU	-10.51	1SLU
284Max	-189	-2381.06	4SLE R	-91.60	4SLE R	14.04	1SLU	-6.23	4SLE R
284Max	1065	-2511.82	4SLE R	-91.60	4SLE R	13.59	1SLU	-6.08	4SLE R
284Max	2066	-1025.91	4SLE R	-91.60	4SLE R	-14.27	4SLE R	-6.08	4SLE R
284Max	-282	-1587.62	4SLE R	-91.60	4SLE R	-14.57	4SLE R	-6.23	4SLE R
284Min.	-189	-3448.70	1SLU	-148.57	1SLU	8.99	4SLE R	-9.80	1SLU
284Min.	1065	-3669.28	1SLU	-148.57	1SLU	8.69	4SLE R	-9.56	1SLU
284Min.	2066	-1626.12	1SLU	-148.57	1SLU	-22.56	1SLU	-9.56	1SLU
284Min.	-282	-2528.72	1SLU	-148.57	1SLU	-23.01	1SLU	-9.80	1SLU
285Max	1027	-3716.33	4SLE R	-49.56	4SLE R	-31.53	3SLE R	34.21	2SLU
285Max	-148	-3895.05	4SLE R	-49.56	4SLE R	-31.74	3SLE R	34.36	2SLU
285Max	-251	-2786.32	4SLE R	-49.56	4SLE R	84.53	2SLU	34.36	2SLU
285Max	2028	-2982.31	4SLE R	-49.56	4SLE R	84.26	2SLU	34.21	2SLU
285Min.	1027	-5216.24	1SLU	-74.65	1SLU	-45.07	2SLU	23.85	3SLE R





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285Min.	-148	-5484.75	1SLU	-74.65	1SLU	-45.34	2SLU	23.96	3SLE R
285Min.	-251	-4004.77	1SLU	-74.65	1SLU	58.84	3SLE R	23.96	3SLE R
285Min.	2028	-4300.64	1SLU	-74.65	1SLU	58.63	3SLE R	23.85	3SLE R
285Max	-148	-3690.42	4SLE R	-49.59	4SLE R	-31.74	3SLE R	34.36	2SLU
285Max	-144	-3869.26	4SLE R	-49.59	4SLE R	-31.95	3SLE R	34.50	2SLU
285Max	-248	-2760.43	4SLE R	-49.59	4SLE R	84.79	2SLU	34.50	2SLU
285Max	-251	-2956.49	4SLE R	-49.59	4SLE R	84.53	2SLU	34.36	2SLU
285Min.	-148	-5175.20	1SLU	-74.69	1SLU	-45.34	2SLU	23.96	3SLE R
285Min.	-144	-5443.87	1SLU	-74.69	1SLU	-45.61	2SLU	24.07	3SLE R
285Min.	-248	-3963.77	1SLU	-74.69	1SLU	59.05	3SLE R	24.07	3SLE R
285Min.	-251	-4259.73	1SLU	-74.69	1SLU	58.84	3SLE R	23.96	3SLE R
285Max	1017	-4515.71	4SLE R	-70.40	4SLE R	-40.05	3SLE R	43.15	2SLU
285Max	1001	-4768.48	4SLE R	-70.40	4SLE R	-40.37	3SLE R	43.37	2SLU
285Max	2001	-3354.18	4SLE R	-70.40	4SLE R	106.38	2SLU	43.37	2SLU
285Max	2017	-3633.65	4SLE R	-70.40	4SLE R	105.97	2SLU	43.15	2SLU
285Min.	1017	-6318.65	1SLU	-106.02	1SLU	-57.14	2SLU	30.12	3SLE R
285Min.	1001	-6698.24	1SLU	-106.02	1SLU	-57.56	2SLU	30.29	3SLE R
285Min.	2001	-4804.86	1SLU	-106.02	1SLU	74.13	3SLE R	30.29	3SLE R
285Min.	2017	-5226.77	1SLU	-106.02	1SLU	73.82	3SLE R	30.12	3SLE R
285Max	-144	-3664.61	4SLE R	-49.60	4SLE R	-31.95	3SLE R	34.50	2SLU
285Max	1017	-3843.52	4SLE R	-49.60	4SLE R	-32.16	3SLE R	34.64	2SLU
285Max	2017	-2734.64	4SLE R	-49.60	4SLE R	85.06	2SLU	34.64	2SLU
285Max	-248	-2930.74	4SLE R	-49.60	4SLE R	84.79	2SLU	34.50	2SLU
285Min.	-144	-5134.30	1SLU	-74.71	1SLU	-45.61	2SLU	24.07	3SLE R
285Min.	1017	-5403.07	1SLU	-74.71	1SLU	-45.88	2SLU	24.18	3SLE R
285Min.	2017	-3922.89	1SLU	-74.71	1SLU	59.26	3SLE R	24.18	3SLE R
285Min.	-248	-4218.91	1SLU	-74.71	1SLU	59.05	3SLE R	24.07	3SLE R
286Max	-344	-183.19	4SLE R	-0.13	4SLE R	-1.40	3SLE R	1.54	2SLU
286Max	1043	-183.65	4SLE R	-0.13	4SLE R	-1.40	3SLE R	1.54	2SLU
286Max	2044	-140.64	4SLE R	-0.13	4SLE R	3.82	2SLU	1.54	2SLU
286Max	-345	-141.14	4SLE R	-0.13	4SLE R	3.82	2SLU	1.54	2SLU
286Min.	-344	-258.88	1SLU	-0.19	1SLU	-2.01	2SLU	1.07	3SLE R
286Min.	1043	-259.57	1SLU	-0.19	1SLU	-2.01	2SLU	1.07	3SLE R
286Min.	2044	-203.56	1SLU	-0.19	1SLU	2.65	3SLE R	1.07	3SLE R
286Min.	-345	-204.31	1SLU	-0.19	1SLU	2.65	3SLE R	1.07	3SLE R
286Max	1054	-3623.71	4SLE R	-43.10	4SLE R	-27.61	3SLE R	30.56	2SLU
286Max	-188	-3779.17	4SLE R	-43.10	4SLE R	-27.79	3SLE R	30.68	2SLU
286Max	-281	-2765.76	4SLE R	-43.10	4SLE R	76.08	2SLU	30.68	2SLU
286Max	2055	-2936.13	4SLE R	-43.10	4SLE R	75.85	2SLU	30.56	2SLU
286Min.	1054	-5119.84	1SLU	-64.94	1SLU	-39.65	2SLU	21.23	3SLE R
286Min.	-188	-5353.55	1SLU	-64.94	1SLU	-39.89	2SLU	21.33	3SLE R
286Min.	-281	-4002.42	1SLU	-64.94	1SLU	52.82	3SLE R	21.33	3SLE R
286Min.	2055	-4259.67	1SLU	-64.94	1SLU	52.65	3SLE R	21.23	3SLE R
286Max	-188	-3424.35	4SLE R	-39.48	4SLE R	-26.41	3SLE R	29.15	2SLU
286Max	-344	-3566.82	4SLE R	-39.48	4SLE R	-26.57	3SLE R	29.26	2SLU
286Max	-345	-2609.63	4SLE R	-39.48	4SLE R	72.49	2SLU	29.26	2SLU
286Max	-281	-2765.59	4SLE R	-39.48	4SLE R	72.28	2SLU	29.15	2SLU
286Min.	-188	-4834.96	1SLU	-59.48	1SLU	-37.90	2SLU	20.26	3SLE R
286Min.	-344	-5049.16	1SLU	-59.48	1SLU	-38.11	2SLU	20.35	3SLE R
286Min.	-345	-3773.95	1SLU	-59.48	1SLU	50.35	3SLE R	20.35	3SLE R
286Min.	-281	-4009.44	1SLU	-59.48	1SLU	50.19	3SLE R	20.26	3SLE R
286Max	-165	-4765.60	4SLE R	-72.23	4SLE R	-39.44	3SLE R	43.02	2SLU
286Max	1029	-5024.64	4SLE R	-72.23	4SLE R	-39.78	3SLE R	43.25	2SLU
286Max	2030	-3582.15	4SLE R	-72.23	4SLE R	106.62	2SLU	43.25	2SLU
286Max	-263	-3869.21	4SLE R	-72.23	4SLE R	106.18	2SLU	43.02	2SLU
286Min.	-165	-6699.03	1SLU	-108.80	1SLU	-56.44	2SLU	29.97	3SLE R
286Min.	1029	-7088.13	1SLU	-108.80	1SLU	-56.87	2SLU	30.15	3SLE R
286Min.	2030	-5156.61	1SLU	-108.80	1SLU	74.18	3SLE R	30.15	3SLE R
286Min.	-263	-5590.00	1SLU	-108.80	1SLU	73.84	3SLE R	29.97	3SLE R
286Max	-170	-4807.80	4SLE R	-72.19	4SLE R	-39.10	3SLE R	42.79	2SLU
286Max	-165	-5066.60	4SLE R	-72.19	4SLE R	-39.44	3SLE R	43.02	2SLU
286Max	-263	-3624.30	4SLE R	-72.19	4SLE R	106.18	2SLU	43.02	2SLU
286Max	-269	-3911.22	4SLE R	-72.19	4SLE R	105.75	2SLU	42.79	2SLU
286Min.	-170	-6765.70	1SLU	-108.73	1SLU	-56.00	2SLU	29.79	3SLE R
286Min.	-165	-7154.49	1SLU	-108.73	1SLU	-56.44	2SLU	29.97	3SLE R
286Min.	-263	-5223.22	1SLU	-108.73	1SLU	73.84	3SLE R	29.97	3SLE R
286Min.	-269	-5656.43	1SLU	-108.73	1SLU	73.51	3SLE R	29.79	3SLE R
286Max	1043	-4892.67	4SLE R	-72.11	4SLE R	-38.43	3SLE R	42.33	2SLU
286Max	-174	-5151.10	4SLE R	-72.11	4SLE R	-38.77	3SLE R	42.56	2SLU





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286Max	-273	-3709.10	4SLE R	-72.11	4SLE R	105.31	2SLU	42.56	2SLU
286Max	2044	-3995.80	4SLE R	-72.11	4SLE R	104.88	2SLU	42.33	2SLU
286Min.	1043	-6899.66	1SLU	-108.62	1SLU	-55.12	2SLU	29.44	3SLE R
286Min.	-174	-7287.94	1SLU	-108.62	1SLU	-55.56	2SLU	29.62	3SLE R
286Min.	-273	-5357.08	1SLU	-108.62	1SLU	73.18	3SLE R	29.62	3SLE R
286Min.	2044	-5789.99	1SLU	-108.62	1SLU	72.84	3SLE R	29.44	3SLE R
286Max	-174	-4850.16	4SLE R	-72.14	4SLE R	-38.77	3SLE R	42.56	2SLU
286Max	-170	-5108.76	4SLE R	-72.14	4SLE R	-39.10	3SLE R	42.79	2SLU
286Max	-269	-3666.62	4SLE R	-72.14	4SLE R	105.75	2SLU	42.79	2SLU
286Max	-273	-3953.43	4SLE R	-72.14	4SLE R	105.31	2SLU	42.56	2SLU
286Min.	-174	-6832.59	1SLU	-108.67	1SLU	-55.56	2SLU	29.62	3SLE R
286Min.	-170	-7221.10	1SLU	-108.67	1SLU	-56.00	2SLU	29.79	3SLE R
286Min.	-269	-5290.05	1SLU	-108.67	1SLU	73.51	3SLE R	29.79	3SLE R
286Min.	-273	-5723.10	1SLU	-108.67	1SLU	73.18	3SLE R	29.62	3SLE R
287Max	1002	-7485.98	4SLE R	112.41	1SLU	-2.30	4SLE R	1.37	1SLU
287Max	1003	-7185.72	4SLE R	112.41	1SLU	-2.51	4SLE R	1.54	1SLU
287Max	2003	-6492.60	4SLE R	112.41	1SLU	2.09	1SLU	1.54	1SLU
287Max	2002	-6222.94	4SLE R	112.41	1SLU	1.76	1SLU	1.37	1SLU
287Min.	1002	-10482.40	1SLU	75.39	4SLE R	-3.42	1SLU	0.93	4SLE R
287Min.	1003	-10034.70	1SLU	75.39	4SLE R	-3.74	1SLU	1.04	4SLE R
287Min.	2003	-9188.09	1SLU	75.39	4SLE R	1.42	4SLE R	1.04	4SLE R
287Min.	2002	-8785.99	1SLU	75.39	4SLE R	1.20	4SLE R	0.93	4SLE R
288Max	1006	-7596.68	4SLE R	120.57	1SLU	-3.42	4SLE R	2.24	1SLU
288Max	1007	-7274.53	4SLE R	120.57	1SLU	-3.65	4SLE R	2.43	1SLU
288Max	2007	-6559.50	4SLE R	120.57	1SLU	3.73	1SLU	2.43	1SLU
288Max	2006	-6270.51	4SLE R	120.57	1SLU	3.38	1SLU	2.24	1SLU
288Min.	1006	-10617.80	1SLU	80.84	4SLE R	-5.10	1SLU	1.51	4SLE R
288Min.	1007	-10137.30	1SLU	80.84	4SLE R	-5.45	1SLU	1.63	4SLE R
288Min.	2007	-9266.29	1SLU	80.84	4SLE R	2.51	4SLE R	1.63	4SLE R
288Min.	2006	-8835.26	1SLU	80.84	4SLE R	2.28	4SLE R	1.51	4SLE R
289Max	1004	-7706.28	4SLE R	120.28	1SLU	-2.90	4SLE R	1.83	1SLU
289Max	1005	-7384.78	4SLE R	120.28	1SLU	-3.13	4SLE R	2.02	1SLU
289Max	2005	-6669.06	4SLE R	120.28	1SLU	2.95	1SLU	2.02	1SLU
289Max	2004	-6380.80	4SLE R	120.28	1SLU	2.60	1SLU	1.83	1SLU
289Min.	1004	-10781.30	1SLU	80.66	4SLE R	-4.33	1SLU	1.23	4SLE R
289Min.	1005	-10301.80	1SLU	80.66	4SLE R	-4.68	1SLU	1.36	4SLE R
289Min.	2005	-9429.72	1SLU	80.66	4SLE R	2.00	4SLE R	1.36	4SLE R
289Min.	2004	-8999.86	1SLU	80.66	4SLE R	1.76	4SLE R	1.23	4SLE R
290Max	-141	-3148.18	4SLE R	34.00	1SLU	7.84	1SLU	-2.61	4SLE R
290Max	1019	-2930.22	4SLE R	34.00	1SLU	7.34	1SLU	-2.43	4SLE R
290Max	2020	-1781.63	4SLE R	34.00	1SLU	-4.12	4SLE R	-2.43	4SLE R
290Max	-246	-1872.84	4SLE R	34.00	1SLU	-4.45	4SLE R	-2.61	4SLE R
290Min.	-141	-4258.39	1SLU	16.77	4SLE R	5.40	4SLE R	-3.72	1SLU
290Min.	1019	-3912.86	1SLU	16.77	4SLE R	5.06	4SLE R	-3.45	1SLU
290Min.	2020	-2465.83	1SLU	16.77	4SLE R	-5.72	1SLU	-3.45	1SLU
290Min.	-246	-2554.32	1SLU	16.77	4SLE R	-6.22	1SLU	-3.72	1SLU
290Max	1008	-3612.06	4SLE R	34.03	1SLU	8.34	1SLU	-2.78	4SLE R
290Max	-141	-3393.99	4SLE R	34.03	1SLU	7.84	1SLU	-2.61	4SLE R
290Max	-246	-2245.47	4SLE R	34.03	1SLU	-4.45	4SLE R	-2.61	4SLE R
290Max	2008	-2336.65	4SLE R	34.03	1SLU	-4.78	4SLE R	-2.78	4SLE R
290Min.	1008	-4909.56	1SLU	16.78	4SLE R	5.73	4SLE R	-3.99	1SLU
290Min.	-141	-4563.89	1SLU	16.78	4SLE R	5.40	4SLE R	-3.72	1SLU
290Min.	-246	-3116.95	1SLU	16.78	4SLE R	-6.22	1SLU	-3.72	1SLU
290Min.	2008	-3205.39	1SLU	16.78	4SLE R	-6.72	1SLU	-3.99	1SLU
291Max	1019	-953.41	4SLE R	16.87	1SLU	-0.90	4SLE R	0.35	1SLU
291Max	1020	-903.79	4SLE R	16.87	1SLU	-0.93	4SLE R	0.38	1SLU
291Max	2021	-544.64	4SLE R	16.87	1SLU	-0.03	3SLE R	0.38	1SLU
291Max	2020	-504.59	4SLE R	16.87	1SLU	-0.07	3SLE R	0.35	1SLU
291Min.	1019	-1277.09	1SLU	11.86	4SLE R	-1.46	1SLU	0.18	4SLE R
291Min.	1020	-1205.13	1SLU	11.86	4SLE R	-1.51	1SLU	0.20	4SLE R
291Min.	2021	-743.73	1SLU	11.86	4SLE R	-0.32	2SLU	0.20	4SLE R
291Min.	2020	-688.13	1SLU	11.86	4SLE R	-0.37	2SLU	0.18	4SLE R
292Max	1021	-2181.42	4SLE R	-4.63	3SLE R	-3.63	4SLE R	2.94	1SLU
292Max	1022	-2137.97	4SLE R	-4.63	3SLE R	-3.75	4SLE R	3.04	1SLU
292Max	2023	-1386.33	4SLE R	-4.63	3SLE R	5.91	1SLU	3.04	1SLU
292Max	2022	-1495.72	4SLE R	-4.63	3SLE R	5.74	1SLU	2.94	1SLU
292Min.	1021	-3018.26	1SLU	-13.21	2SLU	-5.39	1SLU	2.00	4SLE R
292Min.	1022	-2939.51	1SLU	-13.21	2SLU	-5.56	1SLU	2.06	4SLE R
292Min.	2023	-1978.49	1SLU	-13.21	2SLU	4.04	4SLE R	2.06	4SLE R



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292Min.	2022	-2110.75	1SLU	-13.21	2SLU	3.92	4SLE R	2.00	4SLE R
293Max	-150	-3486.14	4SLE R	156.77	1SLU	1.78	1SLU	1.06	2SLU
293Max	-160	-3103.74	4SLE R	156.77	1SLU	1.34	1SLU	1.27	2SLU
293Max	-259	-2378.84	4SLE R	156.77	1SLU	5.55	2SLU	1.27	2SLU
293Max	-252	-1957.21	4SLE R	156.77	1SLU	5.15	2SLU	1.06	2SLU
293Min.	-150	-4812.82	1SLU	106.35	4SLE R	0.87	4SLE R	0.46	3SLE R
293Min.	-160	-4243.67	1SLU	106.35	4SLE R	0.58	4SLE R	0.62	3SLE R
293Min.	-259	-3371.26	1SLU	106.35	4SLE R	3.32	3SLE R	0.62	3SLE R
293Min.	-252	-2755.25	1SLU	106.35	4SLE R	3.02	3SLE R	0.46	3SLE R
293Max	-168	-2824.29	4SLE R	113.73	1SLU	0.51	1SLU	1.26	2SLU
293Max	1037	-2544.51	4SLE R	113.73	1SLU	0.24	1SLU	1.39	2SLU
293Max	2038	-1957.72	4SLE R	113.73	1SLU	5.08	2SLU	1.39	2SLU
293Max	-267	-1653.38	4SLE R	113.73	1SLU	4.83	2SLU	1.26	2SLU
293Min.	-168	-3876.50	1SLU	77.26	4SLE R	0.07	2SLU	0.69	3SLE R
293Min.	1037	-3461.30	1SLU	77.26	4SLE R	-0.18	2SLU	0.79	3SLE R
293Min.	2038	-2748.71	1SLU	77.26	4SLE R	3.16	3SLE R	0.79	3SLE R
293Min.	-267	-2304.07	1SLU	77.26	4SLE R	2.97	3SLE R	0.69	3SLE R
293Max	-160	-2742.49	4SLE R	107.42	1SLU	1.05	1SLU	0.99	2SLU
293Max	-164	-2478.94	4SLE R	107.42	1SLU	0.78	1SLU	1.13	2SLU
293Max	-262	-1875.67	4SLE R	107.42	1SLU	4.58	2SLU	1.13	2SLU
293Max	-259	-1588.06	4SLE R	107.42	1SLU	4.33	2SLU	0.99	2SLU
293Min.	-160	-3776.41	1SLU	72.90	4SLE R	0.45	4SLE R	0.48	3SLE R
293Min.	-164	-3384.74	1SLU	72.90	4SLE R	0.27	4SLE R	0.58	3SLE R
293Min.	-262	-2648.29	1SLU	72.90	4SLE R	2.78	3SLE R	0.58	3SLE R
293Min.	-259	-2227.85	1SLU	72.90	4SLE R	2.59	3SLE R	0.48	3SLE R
293Max	-164	-2782.71	4SLE R	110.23	1SLU	0.78	1SLU	1.13	2SLU
293Max	-168	-2512.00	4SLE R	110.23	1SLU	0.51	1SLU	1.26	2SLU
293Max	-267	-1916.04	4SLE R	110.23	1SLU	4.83	2SLU	1.26	2SLU
293Max	-262	-1620.97	4SLE R	110.23	1SLU	4.58	2SLU	1.13	2SLU
293Min.	-164	-3825.50	1SLU	74.84	4SLE R	0.27	4SLE R	0.58	3SLE R
293Min.	-168	-3423.43	1SLU	74.84	4SLE R	0.07	2SLU	0.69	3SLE R
293Min.	-267	-2697.58	1SLU	74.84	4SLE R	2.97	3SLE R	0.69	3SLE R
293Min.	-262	-2266.34	1SLU	74.84	4SLE R	2.78	3SLE R	0.58	3SLE R
293Max	1022	-3424.48	4SLE R	154.57	1SLU	2.21	1SLU	0.85	2SLU
293Max	-150	-3047.79	4SLE R	154.57	1SLU	1.78	1SLU	1.06	2SLU
293Max	-252	-2317.15	4SLE R	154.57	1SLU	5.15	2SLU	1.06	2SLU
293Max	2023	-1901.29	4SLE R	154.57	1SLU	4.75	2SLU	0.85	2SLU
293Min.	1022	-4738.43	1SLU	104.83	4SLE R	1.16	4SLE R	0.29	3SLE R
293Min.	-150	-4177.54	1SLU	104.83	4SLE R	0.87	4SLE R	0.46	3SLE R
293Min.	-252	-3296.84	1SLU	104.83	4SLE R	3.02	3SLE R	0.46	3SLE R
293Min.	2023	-2689.16	1SLU	104.83	4SLE R	2.71	3SLE R	0.29	3SLE R
293Max	1037	-868.56	4SLE R	13.38	1SLU	0.07	1SLU	0.44	2SLU
293Max	1040	-835.40	4SLE R	13.38	1SLU	0.05	1SLU	0.45	2SLU
293Max	2041	-593.36	4SLE R	13.38	1SLU	1.62	2SLU	0.45	2SLU
293Max	2038	-557.77	4SLE R	13.38	1SLU	1.60	2SLU	0.44	2SLU
293Min.	1037	-1187.72	1SLU	9.09	4SLE R	-0.06	2SLU	0.25	3SLE R
293Min.	1040	-1138.60	1SLU	9.09	4SLE R	-0.08	2SLU	0.26	3SLE R
293Min.	2041	-829.84	1SLU	9.09	4SLE R	1.01	3SLE R	0.26	3SLE R
293Min.	2038	-777.80	1SLU	9.09	4SLE R	1.00	3SLE R	0.25	3SLE R
294Max	-172	-4620.82	4SLE R	64.50	2SLU	9.93	1SLU	-3.68	4SLE R
294Max	1036	-4664.83	4SLE R	64.50	2SLU	9.44	1SLU	-3.51	4SLE R
294Max	2037	-3633.68	4SLE R	64.50	2SLU	-6.89	4SLE R	-3.51	4SLE R
294Max	-271	-3253.56	4SLE R	64.50	2SLU	-7.21	4SLE R	-3.68	4SLE R
294Min.	-172	-6308.18	1SLU	36.71	3SLE R	6.71	4SLE R	-5.41	1SLU
294Min.	1036	-6401.11	1SLU	36.71	3SLE R	6.38	4SLE R	-5.15	1SLU
294Min.	2037	-5042.01	1SLU	36.71	3SLE R	-10.04	1SLU	-5.15	1SLU
294Min.	-271	-4549.34	1SLU	36.71	3SLE R	-10.53	1SLU	-5.41	1SLU
294Max	1037	-3984.64	4SLE R	64.62	2SLU	10.42	1SLU	-3.85	4SLE R
294Max	-172	-4028.36	4SLE R	64.62	2SLU	9.93	1SLU	-3.68	4SLE R
294Max	-271	-2997.53	4SLE R	64.62	2SLU	-7.21	4SLE R	-3.68	4SLE R
294Max	2038	-2617.07	4SLE R	64.62	2SLU	-7.54	4SLE R	-3.85	4SLE R
294Min.	1037	-5429.79	1SLU	36.78	3SLE R	7.03	4SLE R	-5.67	1SLU
294Min.	-172	-5522.37	1SLU	36.78	3SLE R	6.71	4SLE R	-5.41	1SLU
294Min.	-271	-4163.65	1SLU	36.78	3SLE R	-10.53	1SLU	-5.41	1SLU
294Min.	2038	-3670.58	1SLU	36.78	3SLE R	-11.03	1SLU	-5.67	1SLU
295Max	1049	-2434.49	3SLE R	35.53	2SLU	-7.54	3SLE R	9.71	2SLU
295Max	1048	-2412.91	4SLE R	35.53	2SLU	-7.64	3SLE R	9.77	2SLU
295Max	2049	-1863.19	3SLE R	35.53	2SLU	26.21	2SLU	9.77	2SLU
295Max	2050	-1706.47	4SLE R	35.53	2SLU	26.09	2SLU	9.71	2SLU



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295Min.	1049	-3313.03	2SLU	22.10	3SLE R	-10.60	2SLU	6.98	3SLE R
295Min.	1048	-3282.89	1SLU	22.10	3SLE R	-10.73	2SLU	7.03	3SLE R
295Min.	2049	-2581.04	2SLU	22.10	3SLE R	18.93	3SLE R	7.03	3SLE R
295Min.	2050	-2359.39	1SLU	22.10	3SLE R	18.83	3SLE R	6.98	3SLE R
296Max	-183	-6587.43	3SLE R	108.00	2SLU	-15.58	3SLE R	19.59	2SLU
296Max	-182	-6590.61	3SLE R	108.00	2SLU	-15.95	3SLE R	19.85	2SLU
296Max	-277	-5591.39	3SLE R	108.00	2SLU	52.73	2SLU	19.85	2SLU
296Max	-278	-5080.51	3SLE R	108.00	2SLU	52.24	2SLU	19.59	2SLU
296Min.	-183	-9151.40	2SLU	67.16	3SLE R	-21.82	2SLU	14.11	3SLE R
296Min.	-182	-9118.58	2SLU	67.16	3SLE R	-22.31	2SLU	14.31	3SLE R
296Min.	-277	-7897.85	2SLU	67.16	3SLE R	38.13	3SLE R	14.31	3SLE R
296Min.	-278	-7114.16	2SLU	67.16	3SLE R	37.76	3SLE R	14.11	3SLE R
296Max	1047	-5819.53	3SLE R	110.20	2SLU	-15.20	3SLE R	19.33	2SLU
296Max	-183	-5816.78	3SLE R	110.20	2SLU	-15.58	3SLE R	19.59	2SLU
296Max	-278	-4823.43	3SLE R	110.20	2SLU	52.24	2SLU	19.59	2SLU
296Max	2048	-4306.74	3SLE R	110.20	2SLU	51.75	2SLU	19.33	2SLU
296Min.	1047	-8029.63	2SLU	68.71	3SLE R	-21.33	2SLU	13.91	3SLE R
296Min.	-183	-7988.42	2SLU	68.71	3SLE R	-21.82	2SLU	14.11	3SLE R
296Min.	-278	-6775.98	2SLU	68.71	3SLE R	37.76	3SLE R	14.11	3SLE R
296Min.	2048	-5984.09	2SLU	68.71	3SLE R	37.38	3SLE R	13.91	3SLE R
296Max	-182	-7359.82	3SLE R	108.93	2SLU	-15.95	3SLE R	19.85	2SLU
296Max	1046	-7360.76	3SLE R	108.93	2SLU	-16.32	3SLE R	20.11	2SLU
296Max	2047	-6363.85	3SLE R	108.93	2SLU	53.22	2SLU	20.11	2SLU
296Max	-277	-5850.58	3SLE R	108.93	2SLU	52.73	2SLU	19.85	2SLU
296Min.	-182	-10279.60	2SLU	67.77	3SLE R	-22.31	2SLU	14.31	3SLE R
296Min.	1046	-10243.40	2SLU	67.77	3SLE R	-22.79	2SLU	14.51	3SLE R
296Min.	2047	-9026.17	2SLU	67.77	3SLE R	38.51	3SLE R	14.51	3SLE R
296Min.	-277	-8238.88	2SLU	67.77	3SLE R	38.13	3SLE R	14.31	3SLE R
297Max	1045	-13767.50	3SLE R	1213.56	2SLU	4.73	1SLU	-1.37	4SLE R
297Max	1044	-11993.40	3SLE R	1213.56	2SLU	4.35	1SLU	-1.23	4SLE R
297Max	2045	-14185.50	3SLE R	1213.56	2SLU	-1.76	4SLE R	-1.23	4SLE R
297Max	2046	-9449.24	3SLE R	1213.56	2SLU	-2.02	4SLE R	-1.37	4SLE R
297Min.	1045	-19259.20	2SLU	861.16	3SLE R	3.15	4SLE R	-2.05	1SLU
297Min.	1044	-16751.70	2SLU	861.16	3SLE R	2.90	4SLE R	-1.85	1SLU
297Min.	2045	-19956.90	2SLU	861.16	3SLE R	-2.64	1SLU	-1.85	1SLU
297Min.	2046	-13289.90	2SLU	861.16	3SLE R	-3.03	1SLU	-2.05	1SLU
298Max	1029	-6640.52	4SLE R	1084.96	2SLU	-3.31	4SLE R	2.75	1SLU
298Max	1030	-4801.41	4SLE R	1084.96	2SLU	-3.53	4SLE R	2.92	1SLU
298Max	2031	-6758.74	4SLE R	1084.96	2SLU	5.73	1SLU	2.92	1SLU
298Max	2030	-2727.05	4SLE R	1084.96	2SLU	5.40	1SLU	2.75	1SLU
298Min.	1029	-9205.50	1SLU	756.28	3SLE R	-4.98	1SLU	1.82	4SLE R
298Min.	1030	-6694.00	1SLU	756.28	3SLE R	-5.31	1SLU	1.94	4SLE R
298Min.	2031	-9408.65	1SLU	756.28	3SLE R	3.80	4SLE R	1.94	4SLE R
298Min.	2030	-3947.85	1SLU	756.28	3SLE R	3.58	4SLE R	1.82	4SLE R
299Max	-156	-6444.32	4SLE R	-21.89	3SLE R	-5.45	4SLE R	4.40	1SLU
299Max	-157	-6348.26	4SLE R	-21.89	3SLE R	-5.77	4SLE R	4.65	1SLU
299Max	-257	-5034.99	4SLE R	-21.89	3SLE R	9.08	1SLU	4.65	1SLU
299Max	-256	-5362.57	4SLE R	-21.89	3SLE R	8.60	1SLU	4.40	1SLU
299Min.	-156	-8888.21	1SLU	-45.18	2SLU	-8.02	1SLU	3.01	4SLE R
299Min.	-157	-8717.02	1SLU	-45.18	2SLU	-8.51	1SLU	3.18	4SLE R
299Min.	-257	-7039.03	1SLU	-45.18	2SLU	6.25	4SLE R	3.18	4SLE R
299Min.	-256	-7452.69	1SLU	-45.18	2SLU	5.93	4SLE R	3.01	4SLE R
299Max	-158	-5172.00	4SLE R	-22.83	3SLE R	-6.09	4SLE R	4.91	1SLU
299Max	1032	-5079.31	4SLE R	-22.83	3SLE R	-6.41	4SLE R	5.17	1SLU
299Max	2033	-3762.72	4SLE R	-22.83	3SLE R	10.05	1SLU	5.17	1SLU
299Max	-258	-4093.59	4SLE R	-22.83	3SLE R	9.57	1SLU	4.91	1SLU
299Min.	-158	-7131.53	1SLU	-46.41	2SLU	-8.99	1SLU	3.35	4SLE R
299Min.	1032	-6965.41	1SLU	-46.41	2SLU	-9.47	1SLU	3.52	4SLE R
299Min.	2033	-5282.41	1SLU	-46.41	2SLU	6.89	4SLE R	3.52	4SLE R
299Min.	-258	-5701.02	1SLU	-46.41	2SLU	6.57	4SLE R	3.35	4SLE R
299Max	-154	-3762.74	3SLE R	-6.73	3SLE R	-2.49	4SLE R	2.01	1SLU
299Max	-155	-3736.64	3SLE R	-6.73	3SLE R	-2.57	4SLE R	2.07	1SLU
299Max	-255	-3111.19	4SLE R	-6.73	3SLE R	4.06	1SLU	2.07	1SLU
299Max	-254	-3189.43	3SLE R	-6.73	3SLE R	3.94	1SLU	2.01	1SLU
299Min.	-154	-5187.20	2SLU	-13.91	2SLU	-3.65	1SLU	1.38	4SLE R
299Min.	-155	-5164.51	2SLU	-13.91	2SLU	-3.78	1SLU	1.42	4SLE R
299Min.	-255	-4335.43	1SLU	-13.91	2SLU	2.81	4SLE R	1.42	4SLE R
299Min.	-254	-4461.42	2SLU	-13.91	2SLU	2.73	4SLE R	1.38	4SLE R
299Max	-155	-7079.88	4SLE R	-21.86	3SLE R	-5.13	4SLE R	4.14	1SLU



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

299Max	-156	-6973.83	3SLE R	-21.86	3SLE R	-5.45	4SLE R	4.40	1SLU
299Max	-256	-5670.52	4SLE R	-21.86	3SLE R	8.60	1SLU	4.40	1SLU
299Max	-255	-5982.44	3SLE R	-21.86	3SLE R	8.11	1SLU	4.14	1SLU
299Min.	-155	-9765.61	1SLU	-45.13	2SLU	-7.54	1SLU	2.84	4SLE R
299Min.	-156	-9608.94	2SLU	-45.13	2SLU	-8.02	1SLU	3.01	4SLE R
299Min.	-256	-7916.38	1SLU	-45.13	2SLU	5.93	4SLE R	3.01	4SLE R
299Min.	-255	-8353.28	2SLU	-45.13	2SLU	5.61	4SLE R	2.84	4SLE R
299Max	-157	-5809.50	4SLE R	-21.65	3SLE R	-5.77	4SLE R	4.65	1SLU
299Max	-158	-5712.25	4SLE R	-21.65	3SLE R	-6.09	4SLE R	4.91	1SLU
299Max	-258	-4400.21	4SLE R	-21.65	3SLE R	9.57	1SLU	4.91	1SLU
299Max	-257	-4726.54	4SLE R	-21.65	3SLE R	9.08	1SLU	4.65	1SLU
299Min.	-157	-8011.63	1SLU	-44.71	2SLU	-8.51	1SLU	3.18	4SLE R
299Min.	-158	-7839.18	1SLU	-44.71	2SLU	-8.99	1SLU	3.35	4SLE R
299Min.	-258	-6162.49	1SLU	-44.71	2SLU	6.57	4SLE R	3.35	4SLE R
299Min.	-257	-6574.81	1SLU	-44.71	2SLU	6.25	4SLE R	3.18	4SLE R
299Max	1031	-3917.36	3SLE R	-6.74	3SLE R	-2.41	4SLE R	1.94	1SLU
299Max	-154	-3891.29	3SLE R	-6.74	3SLE R	-2.49	4SLE R	2.01	1SLU
299Max	-254	-3267.07	3SLE R	-6.74	3SLE R	3.94	1SLU	2.01	1SLU
299Max	2032	-3344.08	3SLE R	-6.74	3SLE R	3.82	1SLU	1.94	1SLU
299Min.	1031	-5413.08	2SLU	-13.93	2SLU	-3.53	1SLU	1.34	4SLE R
299Min.	-154	-5390.43	2SLU	-13.93	2SLU	-3.65	1SLU	1.38	4SLE R
299Min.	-254	-4559.41	2SLU	-13.93	2SLU	2.73	4SLE R	1.38	4SLE R
299Min.	2032	-4687.34	2SLU	-13.93	2SLU	2.65	4SLE R	1.34	4SLE R
300Max	-341	-1980.30	4SLE R	-226.62	3SLE R	-0.66	3SLE R	2.03	2SLU
300Max	-187	-2421.67	3SLE R	-226.62	3SLE R	-0.81	3SLE R	2.14	2SLU
300Max	-280	-761.46	4SLE R	-226.62	3SLE R	6.58	2SLU	2.14	2SLU
300Max	-342	-2047.61	3SLE R	-226.62	3SLE R	6.38	2SLU	2.03	2SLU
300Min.	-341	-2678.56	1SLU	-315.29	2SLU	-1.31	2SLU	1.27	3SLE R
300Min.	-187	-3277.80	2SLU	-315.29	2SLU	-1.51	2SLU	1.35	3SLE R
300Min.	-280	-1058.84	1SLU	-315.29	2SLU	4.28	3SLE R	1.35	3SLE R
300Min.	-342	-2821.75	2SLU	-315.29	2SLU	4.13	3SLE R	1.27	3SLE R
300Max	-187	-713.09	4SLE R	-247.72	3SLE R	-0.86	3SLE R	2.25	2SLU
300Max	1053	-1182.80	3SLE R	-247.72	3SLE R	-1.03	3SLE R	2.37	2SLU
300Max	2054	817.79	2SLU	-247.72	3SLE R	7.15	2SLU	2.37	2SLU
300Max	-280	-812.57	3SLE R	-247.72	3SLE R	6.93	2SLU	2.25	2SLU
300Min.	-187	-922.55	1SLU	-344.66	2SLU	-1.59	2SLU	1.42	3SLE R
300Min.	1053	-1576.84	2SLU	-344.66	2SLU	-1.82	2SLU	1.51	3SLE R
300Min.	2054	593.46	3SLE R	-344.66	2SLU	4.68	3SLE R	1.51	3SLE R
300Min.	-280	-1129.08	2SLU	-344.66	2SLU	4.51	3SLE R	1.42	3SLE R
300Max	1049	-152.22	4SLE R	-0.74	3SLE R	-0.03	3SLE R	0.11	2SLU
300Max	-341	-153.88	4SLE R	-0.74	3SLE R	-0.04	3SLE R	0.11	2SLU
300Max	-342	-108.50	4SLE R	-0.74	3SLE R	0.34	2SLU	0.11	2SLU
300Max	2050	-112.55	4SLE R	-0.74	3SLE R	0.34	2SLU	0.11	2SLU
300Min.	1049	-206.66	1SLU	-1.04	2SLU	-0.07	2SLU	0.07	3SLE R
300Min.	-341	-208.87	1SLU	-1.04	2SLU	-0.07	2SLU	0.07	3SLE R
300Min.	-342	-149.72	1SLU	-1.04	2SLU	0.22	3SLE R	0.07	3SLE R
300Min.	2050	-155.24	1SLU	-1.04	2SLU	0.22	3SLE R	0.07	3SLE R
301Max	1066	-900.00	3SLE R	100.31	1SLU	-0.17	3SLE R	0.96	2SLU
301Max	-202	-660.71	3SLE R	100.31	1SLU	-0.29	3SLE R	1.04	2SLU
301Max	-289	-239.22	3SLE R	100.31	1SLU	3.45	2SLU	1.04	2SLU
301Max	2067	86.11	1SLU	100.31	1SLU	3.30	2SLU	0.96	2SLU
301Min.	1066	-1251.59	2SLU	64.62	4SLE R	-0.34	2SLU	0.65	3SLE R
301Min.	-202	-946.18	2SLU	64.62	4SLE R	-0.49	2SLU	0.71	3SLE R
301Min.	-289	-389.11	2SLU	64.62	4SLE R	2.41	3SLE R	0.71	3SLE R
301Min.	2067	-11.98	2SLU	64.62	4SLE R	2.29	3SLE R	0.65	3SLE R
301Max	-202	-990.78	3SLE R	100.33	1SLU	-0.29	3SLE R	1.04	2SLU
301Max	1080	-751.44	3SLE R	100.33	1SLU	-0.40	3SLE R	1.12	2SLU
301Max	2081	-329.98	3SLE R	100.33	1SLU	3.60	2SLU	1.12	2SLU
301Max	-289	-30.17	3SLE R	100.33	1SLU	3.45	2SLU	1.04	2SLU
301Min.	-202	-1359.22	2SLU	64.63	4SLE R	-0.49	2SLU	0.71	3SLE R
301Min.	1080	-1053.74	2SLU	64.63	4SLE R	-0.64	2SLU	0.77	3SLE R
301Min.	2081	-496.72	2SLU	64.63	4SLE R	2.53	3SLE R	0.77	3SLE R
301Min.	-289	-119.56	2SLU	64.63	4SLE R	2.41	3SLE R	0.71	3SLE R
302Max	-209	-2502.11	3SLE R	56.82	2SLU	10.80	1SLU	-4.12	4SLE R
302Max	1079	-2492.84	3SLE R	56.82	2SLU	10.40	1SLU	-3.98	4SLE R
302Max	2080	-1543.88	3SLE R	56.82	2SLU	-8.29	4SLE R	-3.98	4SLE R
302Max	-292	-1256.78	3SLE R	56.82	2SLU	-8.56	4SLE R	-4.12	4SLE R
302Min.	-209	-3465.87	2SLU	39.20	3SLE R	7.01	4SLE R	-6.40	1SLU
302Min.	1079	-3444.91	2SLU	39.20	3SLE R	6.74	4SLE R	-6.19	1SLU



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302Min.	2080	-2233.41	2SLU	39.20	3SLE R	-13.00	1SLU	-6.19	1SLU
302Min.	-292	-1824.78	2SLU	39.20	3SLE R	-13.41	1SLU	-6.40	1SLU
302Max	-210	-2085.14	3SLE R	56.78	2SLU	11.20	1SLU	-4.26	4SLE R
302Max	-209	-2076.03	3SLE R	56.78	2SLU	10.80	1SLU	-4.12	4SLE R
302Max	-292	-1126.96	3SLE R	56.78	2SLU	-8.56	4SLE R	-4.12	4SLE R
302Max	-293	-839.92	3SLE R	56.78	2SLU	-8.82	4SLE R	-4.26	4SLE R
302Min.	-210	-2884.07	2SLU	39.17	3SLE R	7.27	4SLE R	-6.62	1SLU
302Min.	-209	-2863.32	2SLU	39.17	3SLE R	7.01	4SLE R	-6.40	1SLU
302Min.	-292	-1651.68	2SLU	39.17	3SLE R	-13.41	1SLU	-6.40	1SLU
302Min.	-293	-1243.14	2SLU	39.17	3SLE R	-13.81	1SLU	-6.62	1SLU
302Max	1080	-1668.10	3SLE R	56.76	2SLU	11.60	1SLU	-4.40	4SLE R
302Max	-210	-1659.09	3SLE R	56.76	2SLU	11.20	1SLU	-4.26	4SLE R
302Max	-293	-709.95	3SLE R	56.76	2SLU	-8.82	4SLE R	-4.26	4SLE R
302Max	2081	-422.95	3SLE R	56.76	2SLU	-9.09	4SLE R	-4.40	4SLE R
302Min.	1080	-2302.16	2SLU	39.16	3SLE R	7.53	4SLE R	-6.83	1SLU
302Min.	-210	-2281.55	2SLU	39.16	3SLE R	7.27	4SLE R	-6.62	1SLU
302Min.	-293	-1069.81	2SLU	39.16	3SLE R	-13.81	1SLU	-6.62	1SLU
302Min.	2081	-661.32	2SLU	39.16	3SLE R	-14.21	1SLU	-6.83	1SLU
303Max	1078	-2307.35	3SLE R	-241.10	3SLE R	2.66	1SLU	-0.49	4SLE R
303Max	1077	-2906.73	3SLE R	-241.10	3SLE R	2.44	1SLU	-0.41	4SLE R
303Max	2078	-1187.38	3SLE R	-241.10	3SLE R	0.11	1SLU	-0.41	4SLE R
303Max	2079	-2410.74	3SLE R	-241.10	3SLE R	-0.07	4SLE R	-0.49	4SLE R
303Min.	1078	-3411.10	2SLU	-376.87	2SLU	1.77	4SLE R	-0.73	1SLU
303Min.	1077	-4339.32	2SLU	-376.87	2SLU	1.63	4SLE R	-0.62	1SLU
303Min.	2078	-1864.40	2SLU	-376.87	2SLU	0.07	4SLE R	-0.62	1SLU
303Min.	2079	-3785.29	2SLU	-376.87	2SLU	-0.11	1SLU	-0.73	1SLU
304Max	1076	-3187.22	3SLE R	724.06	2SLU	1.55	1SLU	-0.28	4SLE R
304Max	1075	-2079.17	3SLE R	724.06	2SLU	1.46	1SLU	-0.25	4SLE R
304Max	2076	-3310.27	3SLE R	724.06	2SLU	0.04	1SLU	-0.25	4SLE R
304Max	2077	-935.51	3SLE R	724.06	2SLU	-0.03	4SLE R	-0.28	4SLE R
304Min.	1076	-4869.26	2SLU	460.69	3SLE R	1.03	4SLE R	-0.42	1SLU
304Min.	1075	-3124.15	2SLU	460.69	3SLE R	0.97	4SLE R	-0.37	1SLU
304Min.	2076	-5197.71	2SLU	460.69	3SLE R	0.03	4SLE R	-0.37	1SLU
304Min.	2077	-1468.92	2SLU	460.69	3SLE R	-0.04	1SLU	-0.42	1SLU
305Max	-203	-1670.34	4SLE R	12.48	2SLU	-4.72	4SLE R	5.04	1SLU
305Max	1067	-1682.87	4SLE R	12.48	2SLU	-4.83	4SLE R	5.12	1SLU
305Max	2068	-1057.80	4SLE R	12.48	2SLU	12.04	1SLU	5.12	1SLU
305Max	-290	-977.14	4SLE R	12.48	2SLU	11.89	1SLU	5.04	1SLU
305Min.	-203	-2381.70	1SLU	8.64	3SLE R	-7.16	1SLU	3.31	4SLE R
305Min.	1067	-2404.19	1SLU	8.64	3SLE R	-7.31	1SLU	3.37	4SLE R
305Min.	2068	-1592.38	1SLU	8.64	3SLE R	7.90	4SLE R	3.37	4SLE R
305Min.	-290	-1479.76	1SLU	8.64	3SLE R	7.80	4SLE R	3.31	4SLE R
305Max	1074	-1530.53	4SLE R	12.46	2SLU	-4.62	4SLE R	4.96	1SLU
305Max	-203	-1543.13	4SLE R	12.46	2SLU	-4.72	4SLE R	5.04	1SLU
305Max	-290	-918.00	4SLE R	12.46	2SLU	11.89	1SLU	5.04	1SLU
305Max	2075	-837.39	4SLE R	12.46	2SLU	11.74	1SLU	4.96	1SLU
305Min.	1074	-2178.98	1SLU	8.62	3SLE R	-7.01	1SLU	3.26	4SLE R
305Min.	-203	-2201.58	1SLU	8.62	3SLE R	-7.16	1SLU	3.31	4SLE R
305Min.	-290	-1389.68	1SLU	8.62	3SLE R	7.80	4SLE R	3.31	4SLE R
305Min.	2075	-1277.12	1SLU	8.62	3SLE R	7.70	4SLE R	3.26	4SLE R
305Max	-212	-3217.73	4SLE R	46.33	2SLU	-11.83	4SLE R	12.82	1SLU
305Max	1074	-3293.72	4SLE R	46.33	2SLU	-12.27	4SLE R	13.16	1SLU
305Max	2075	-2342.86	4SLE R	46.33	2SLU	31.15	1SLU	13.16	1SLU
305Max	-295	-2013.98	4SLE R	46.33	2SLU	30.50	1SLU	12.82	1SLU
305Min.	-212	-4606.96	1SLU	32.06	3SLE R	-17.94	1SLU	8.43	4SLE R
305Min.	1074	-4733.21	1SLU	32.06	3SLE R	-18.59	1SLU	8.65	4SLE R
305Min.	2075	-3499.97	1SLU	32.06	3SLE R	20.45	4SLE R	8.65	4SLE R
305Min.	-295	-3039.21	1SLU	32.06	3SLE R	20.02	4SLE R	8.43	4SLE R
305Max	1091	-2002.01	4SLE R	46.18	2SLU	-10.96	4SLE R	12.13	1SLU
305Max	-216	-2078.59	4SLE R	46.18	2SLU	-11.40	4SLE R	12.47	1SLU
305Max	-298	-1127.32	4SLE R	46.18	2SLU	29.86	1SLU	12.47	1SLU
305Max	2092	-798.67	4SLE R	46.18	2SLU	29.21	1SLU	12.13	1SLU
305Min.	1091	-2844.43	1SLU	31.95	3SLE R	-16.63	1SLU	7.97	4SLE R
305Min.	-216	-2971.48	1SLU	31.95	3SLE R	-17.29	1SLU	8.20	4SLE R
305Min.	-298	-1737.69	1SLU	31.95	3SLE R	19.59	4SLE R	8.20	4SLE R
305Min.	2092	-1277.24	1SLU	31.95	3SLE R	19.16	4SLE R	7.97	4SLE R
305Max	-216	-2609.99	4SLE R	46.25	2SLU	-11.40	4SLE R	12.47	1SLU
305Max	-212	-2686.32	4SLE R	46.25	2SLU	-11.83	4SLE R	12.82	1SLU
305Max	-295	-1735.23	4SLE R	46.25	2SLU	30.50	1SLU	12.82	1SLU



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

305Max	-298	-1406.48	4SLE R	46.25	2SLU	29.86	1SLU	12.47	1SLU
305Min.	-216	-3725.86	1SLU	32.00	3SLE R	-17.29	1SLU	8.20	4SLE R
305Min.	-212	-3852.57	1SLU	32.00	3SLE R	-17.94	1SLU	8.43	4SLE R
305Min.	-295	-2619.02	1SLU	32.00	3SLE R	20.02	4SLE R	8.43	4SLE R
305Min.	-298	-2158.44	1SLU	32.00	3SLE R	19.59	4SLE R	8.20	4SLE R
306Max	1074	-1856.24	4SLE R	-164.59	4SLE R	0.58	1SLU	0.89	2SLU
306Max	-205	-2279.67	4SLE R	-164.59	4SLE R	0.21	1SLU	1.08	2SLU
306Max	-291	-594.40	4SLE R	-164.59	4SLE R	4.19	1SLU	1.08	2SLU
306Max	2075	-1415.26	4SLE R	-164.59	4SLE R	3.81	1SLU	0.89	2SLU
306Min.	1074	-2591.22	1SLU	-250.26	1SLU	0.30	4SLE R	0.62	3SLE R
306Min.	-205	-3232.17	1SLU	-250.26	1SLU	0.05	4SLE R	0.76	3SLE R
306Min.	-291	-904.12	1SLU	-250.26	1SLU	2.99	4SLE R	0.76	3SLE R
306Min.	2075	-2155.14	1SLU	-250.26	1SLU	2.74	4SLE R	0.62	3SLE R
306Max	-205	-1260.14	4SLE R	-164.56	4SLE R	0.21	1SLU	1.08	2SLU
306Max	1073	-1683.41	4SLE R	-164.56	4SLE R	-0.12	3SLE R	1.26	2SLU
306Max	2074	10.97	1SLU	-164.56	4SLE R	4.57	1SLU	1.26	2SLU
306Max	-291	-819.05	4SLE R	-164.56	4SLE R	4.19	1SLU	1.08	2SLU
306Min.	-205	-1676.19	1SLU	-250.22	1SLU	0.05	4SLE R	0.76	3SLE R
306Min.	1073	-2316.93	1SLU	-250.22	1SLU	-0.28	2SLU	0.90	3SLE R
306Min.	2074	1.56	2SLU	-250.22	1SLU	3.24	4SLE R	0.90	3SLE R
306Min.	-291	-1239.97	1SLU	-250.22	1SLU	2.99	4SLE R	0.76	3SLE R
307Max	1071	-2132.36	4SLE R	77.89	1SLU	-2.39	4SLE R	4.99	1SLU
307Max	-211	-1907.16	4SLE R	77.89	1SLU	-2.82	4SLE R	5.34	1SLU
307Max	-294	-1025.23	4SLE R	77.89	1SLU	15.26	1SLU	5.34	1SLU
307Max	2072	-859.69	4SLE R	77.89	1SLU	14.61	1SLU	4.99	1SLU
307Min.	1071	-3043.07	1SLU	51.69	4SLE R	-4.26	1SLU	2.98	4SLE R
307Min.	-211	-2705.48	1SLU	51.69	4SLE R	-4.92	1SLU	3.21	4SLE R
307Min.	-294	-1599.41	1SLU	51.69	4SLE R	9.31	4SLE R	3.21	4SLE R
307Min.	2072	-1348.16	1SLU	51.69	4SLE R	8.88	4SLE R	2.98	4SLE R
307Max	-215	-1953.34	4SLE R	78.06	1SLU	-3.25	4SLE R	5.68	1SLU
307Max	1088	-1727.45	4SLE R	78.06	1SLU	-3.68	4SLE R	6.02	1SLU
307Max	2089	-846.00	4SLE R	78.06	1SLU	16.55	1SLU	6.02	1SLU
307Max	-297	-680.18	4SLE R	78.06	1SLU	15.90	1SLU	5.68	1SLU
307Min.	-215	-2784.01	1SLU	51.81	4SLE R	-5.57	1SLU	3.44	4SLE R
307Min.	1088	-2445.49	1SLU	51.81	4SLE R	-6.22	1SLU	3.67	4SLE R
307Min.	2089	-1340.07	1SLU	51.81	4SLE R	10.17	4SLE R	3.67	4SLE R
307Min.	-297	-1088.45	1SLU	51.81	4SLE R	9.74	4SLE R	3.44	4SLE R
307Max	-211	-2043.00	4SLE R	77.96	1SLU	-2.82	4SLE R	5.34	1SLU
307Max	-215	-1817.49	4SLE R	77.96	1SLU	-3.25	4SLE R	5.68	1SLU
307Max	-297	-935.78	4SLE R	77.96	1SLU	15.90	1SLU	5.68	1SLU
307Max	-294	-770.12	4SLE R	77.96	1SLU	15.26	1SLU	5.34	1SLU
307Min.	-211	-2913.74	1SLU	51.74	4SLE R	-4.92	1SLU	3.21	4SLE R
307Min.	-215	-2575.74	1SLU	51.74	4SLE R	-5.57	1SLU	3.44	4SLE R
307Min.	-297	-1469.96	1SLU	51.74	4SLE R	9.74	4SLE R	3.44	4SLE R
307Min.	-294	-1218.54	1SLU	51.74	4SLE R	9.31	4SLE R	3.21	4SLE R
308Max	1070	-661.09	4SLE R	60.16	1SLU	-0.81	4SLE R	1.33	1SLU
308Max	-349	-581.30	4SLE R	60.16	1SLU	-0.85	4SLE R	1.37	1SLU
308Max	-350	-294.71	4SLE R	60.16	1SLU	3.85	1SLU	1.37	1SLU
308Max	2071	-97.17	4SLE R	60.16	1SLU	3.79	1SLU	1.33	1SLU
308Min.	1070	-938.72	1SLU	36.68	4SLE R	-1.25	1SLU	0.87	4SLE R
308Min.	-349	-806.15	1SLU	36.68	4SLE R	-1.31	1SLU	0.89	4SLE R
308Min.	-350	-480.74	1SLU	36.68	4SLE R	2.52	4SLE R	0.89	4SLE R
308Min.	2071	-158.48	1SLU	36.68	4SLE R	2.48	4SLE R	0.87	4SLE R
308Max	-349	-72.26	4SLE R	0.63	1SLU	-0.08	4SLE R	0.14	1SLU
308Max	1069	-71.40	4SLE R	0.63	1SLU	-0.09	4SLE R	0.14	1SLU
308Max	2070	-30.32	4SLE R	0.63	1SLU	0.39	1SLU	0.14	1SLU
308Max	-350	-28.29	4SLE R	0.63	1SLU	0.39	1SLU	0.14	1SLU
308Min.	-349	-103.60	1SLU	0.38	4SLE R	-0.13	1SLU	0.09	4SLE R
308Min.	1069	-102.18	1SLU	0.38	4SLE R	-0.13	1SLU	0.09	4SLE R
308Min.	2070	-49.27	1SLU	0.38	4SLE R	0.25	4SLE R	0.09	4SLE R
308Min.	-350	-45.95	1SLU	0.38	4SLE R	0.25	4SLE R	0.09	4SLE R
309Max	1068	-929.09	4SLE R	-20.00	4SLE R	-3.21	4SLE R	4.73	1SLU
309Max	1069	-964.80	4SLE R	-20.00	4SLE R	-3.27	4SLE R	4.78	1SLU
309Max	2070	-370.40	4SLE R	-20.00	4SLE R	12.66	1SLU	4.78	1SLU
309Max	2069	-485.88	4SLE R	-20.00	4SLE R	12.56	1SLU	4.73	1SLU
309Min.	1068	-1335.71	1SLU	-30.63	1SLU	-5.33	1SLU	2.88	4SLE R
309Min.	1069	-1390.98	1SLU	-30.63	1SLU	-5.43	1SLU	2.92	4SLE R
309Min.	2070	-600.76	1SLU	-30.63	1SLU	7.76	4SLE R	2.92	4SLE R
309Min.	2069	-777.04	1SLU	-30.63	1SLU	7.70	4SLE R	2.88	4SLE R





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

309Max	1069	-2204.33	4SLE R	-120.60	4SLE R	-11.30	4SLE R	16.55	1SLU
309Max	1084	-2365.78	4SLE R	-120.60	4SLE R	-11.75	4SLE R	16.91	1SLU
309Max	2085	-804.25	4SLE R	-120.60	4SLE R	44.48	1SLU	16.91	1SLU
309Max	2070	-1554.57	4SLE R	-120.60	4SLE R	43.80	1SLU	16.55	1SLU
309Min.	1069	-3162.28	1SLU	-184.72	1SLU	-18.75	1SLU	10.09	4SLE R
309Min.	1084	-3413.88	1SLU	-184.72	1SLU	-19.44	1SLU	10.33	4SLE R
309Min.	2085	-1278.32	1SLU	-184.72	1SLU	27.30	4SLE R	10.33	4SLE R
309Min.	2070	-2423.16	1SLU	-184.72	1SLU	26.84	4SLE R	10.09	4SLE R
310Max	1102	-1667.70	4SLE R	-31.57	4SLE R	2.62	1SLU	-0.96	4SLE R
310Max	1113	-1700.72	4SLE R	-31.57	4SLE R	2.33	1SLU	-0.85	4SLE R
310Max	2114	-858.48	4SLE R	-31.57	4SLE R	-1.64	4SLE R	-0.85	4SLE R
310Max	2103	-1064.09	4SLE R	-31.57	4SLE R	-1.84	4SLE R	-0.96	4SLE R
310Min.	1102	-2434.67	1SLU	-51.15	1SLU	1.78	4SLE R	-1.41	1SLU
310Min.	1113	-2493.76	1SLU	-51.15	1SLU	1.58	4SLE R	-1.26	1SLU
310Min.	2114	-1360.60	1SLU	-51.15	1SLU	-2.43	1SLU	-1.26	1SLU
310Min.	2103	-1688.22	1SLU	-51.15	1SLU	-2.72	1SLU	-1.41	1SLU
311Max	-226	-2726.30	4SLE R	73.05	1SLU	5.15	1SLU	-3.13	4SLE R
311Max	-227	-2543.84	4SLE R	73.05	1SLU	4.31	1SLU	-2.83	4SLE R
311Max	-307	-1489.22	4SLE R	73.05	1SLU	-8.08	4SLE R	-2.83	4SLE R
311Max	-306	-1297.45	4SLE R	73.05	1SLU	-8.64	4SLE R	-3.13	4SLE R
311Min.	-226	-3958.13	1SLU	49.50	4SLE R	3.18	4SLE R	-4.97	1SLU
311Min.	-227	-3690.23	1SLU	49.50	4SLE R	2.63	4SLE R	-4.52	1SLU
311Min.	-307	-2352.11	1SLU	49.50	4SLE R	-12.80	1SLU	-4.52	1SLU
311Min.	-306	-2067.74	1SLU	49.50	4SLE R	-13.64	1SLU	-4.97	1SLU
311Max	-225	-2712.43	4SLE R	73.09	1SLU	5.99	1SLU	-3.42	4SLE R
311Max	-226	-2529.82	4SLE R	73.09	1SLU	5.15	1SLU	-3.13	4SLE R
311Max	-306	-1475.30	4SLE R	73.09	1SLU	-8.64	4SLE R	-3.13	4SLE R
311Max	-305	-1283.49	4SLE R	73.09	1SLU	-9.21	4SLE R	-3.42	4SLE R
311Min.	-225	-3933.58	1SLU	49.53	4SLE R	3.74	4SLE R	-5.42	1SLU
311Min.	-226	-3665.46	1SLU	49.53	4SLE R	3.18	4SLE R	-4.97	1SLU
311Min.	-306	-2327.48	1SLU	49.53	4SLE R	-13.64	1SLU	-4.97	1SLU
311Min.	-305	-2043.06	1SLU	49.53	4SLE R	-14.49	1SLU	-5.42	1SLU
311Max	-227	-2740.38	4SLE R	73.03	1SLU	4.31	1SLU	-2.83	4SLE R
311Max	-228	-2558.00	4SLE R	73.03	1SLU	3.47	1SLU	-2.54	4SLE R
311Max	-308	-1503.34	4SLE R	73.03	1SLU	-7.52	4SLE R	-2.54	4SLE R
311Max	-307	-1311.58	4SLE R	73.03	1SLU	-8.08	4SLE R	-2.83	4SLE R
311Min.	-227	-3982.99	1SLU	49.49	4SLE R	2.63	4SLE R	-4.52	1SLU
311Min.	-228	-3715.20	1SLU	49.49	4SLE R	2.07	4SLE R	-4.08	1SLU
311Min.	-308	-2377.02	1SLU	49.49	4SLE R	-11.95	1SLU	-4.08	1SLU
311Min.	-307	-2092.66	1SLU	49.49	4SLE R	-12.80	1SLU	-4.52	1SLU
311Max	1112	-2698.83	4SLE R	73.14	1SLU	6.82	1SLU	-3.72	4SLE R
311Max	-225	-2516.00	4SLE R	73.14	1SLU	5.99	1SLU	-3.42	4SLE R
311Max	-305	-1461.62	4SLE R	73.14	1SLU	-9.21	4SLE R	-3.42	4SLE R
311Max	2113	-1269.75	4SLE R	73.14	1SLU	-9.77	4SLE R	-3.72	4SLE R
311Min.	1112	-3909.41	1SLU	49.56	4SLE R	4.29	4SLE R	-5.86	1SLU
311Min.	-225	-3640.98	1SLU	49.56	4SLE R	3.74	4SLE R	-5.42	1SLU
311Min.	-305	-2303.20	1SLU	49.56	4SLE R	-14.49	1SLU	-5.42	1SLU
311Min.	2113	-2018.69	1SLU	49.56	4SLE R	-15.33	1SLU	-5.86	1SLU
311Max	-228	-2754.60	4SLE R	73.04	1SLU	3.47	1SLU	-2.54	4SLE R
311Max	1113	-2572.20	4SLE R	73.04	1SLU	2.63	1SLU	-2.24	4SLE R
311Max	2114	-1517.56	4SLE R	73.04	1SLU	-6.96	4SLE R	-2.24	4SLE R
311Max	-308	-1325.77	4SLE R	73.04	1SLU	-7.52	4SLE R	-2.54	4SLE R
311Min.	-228	-4008.05	1SLU	49.50	4SLE R	2.07	4SLE R	-4.08	1SLU
311Min.	1113	-3740.24	1SLU	49.50	4SLE R	1.51	4SLE R	-3.63	1SLU
311Min.	2114	-2402.09	1SLU	49.50	4SLE R	-11.11	1SLU	-3.63	1SLU
311Min.	-308	-2117.70	1SLU	49.50	4SLE R	-11.95	1SLU	-4.08	1SLU
312Max	1110	-2702.42	4SLE R	9.70	1SLU	-0.00	1SLU	-0.03	4SLE R
312Max	1111	-2652.13	4SLE R	9.70	1SLU	-0.26	4SLE R	0.14	1SLU
312Max	2112	-1869.30	4SLE R	9.70	1SLU	0.18	1SLU	0.14	1SLU
312Max	2111	-1869.30	4SLE R	9.70	1SLU	-0.12	4SLE R	-0.03	4SLE R
312Min.	1110	-4051.79	1SLU	6.65	4SLE R	-0.02	4SLE R	-0.05	1SLU
312Min.	1111	-3978.44	1SLU	6.65	4SLE R	-0.36	1SLU	0.10	4SLE R
312Min.	2112	-2964.75	1SLU	6.65	4SLE R	0.12	4SLE R	0.10	4SLE R
312Min.	2111	-2964.75	1SLU	6.65	4SLE R	-0.18	1SLU	-0.05	1SLU
313Max	1108	-2640.05	4SLE R	-8.90	4SLE R	0.41	1SLU	-0.09	4SLE R
313Max	1109	-2629.45	4SLE R	-8.90	4SLE R	0.09	1SLU	0.02	2SLU
313Max	2110	-1830.36	4SLE R	-8.90	4SLE R	0.16	1SLU	0.02	2SLU
313Max	2109	-1908.24	4SLE R	-8.90	4SLE R	-0.11	4SLE R	-0.09	4SLE R
313Min.	1108	-3965.34	1SLU	-14.88	1SLU	0.25	4SLE R	-0.15	1SLU





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

313Min.	1109	-3954.33	1SLU	-14.88	1SLU	0.04	4SLE R	0.02	3SLE R
313Min.	2110	-2902.98	1SLU	-14.88	1SLU	0.11	4SLE R	0.02	3SLE R
313Min.	2109	-3026.52	1SLU	-14.88	1SLU	-0.16	1SLU	-0.15	1SLU
314Max	-353	-68.65	4SLE R	0.12	1SLU	-0.33	4SLE R	0.46	1SLU
314Max	1114	-68.26	4SLE R	0.12	1SLU	-0.33	4SLE R	0.46	1SLU
314Max	2115	-26.06	4SLE R	0.12	1SLU	1.21	1SLU	0.46	1SLU
314Max	-354	-25.80	4SLE R	0.12	1SLU	1.21	1SLU	0.46	1SLU
314Min.	-353	-96.48	1SLU	0.09	4SLE R	-0.54	1SLU	0.29	4SLE R
314Min.	1114	-95.90	1SLU	0.09	4SLE R	-0.54	1SLU	0.29	4SLE R
314Min.	2115	-41.09	1SLU	0.09	4SLE R	0.76	4SLE R	0.29	4SLE R
314Min.	-354	-40.73	1SLU	0.09	4SLE R	0.76	4SLE R	0.29	4SLE R
314Max	1114	-1870.10	4SLE R	67.47	1SLU	-8.92	4SLE R	12.37	1SLU
314Max	-230	-1642.21	4SLE R	67.47	1SLU	-9.40	4SLE R	12.75	1SLU
314Max	-309	-680.04	4SLE R	67.47	1SLU	33.09	1SLU	12.75	1SLU
314Max	2115	-552.93	4SLE R	67.47	1SLU	32.37	1SLU	12.37	1SLU
314Min.	1114	-2621.71	1SLU	46.96	4SLE R	-14.40	1SLU	7.73	4SLE R
314Min.	-230	-2287.47	1SLU	46.96	4SLE R	-15.13	1SLU	7.98	4SLE R
314Min.	-309	-1060.94	1SLU	46.96	4SLE R	20.76	4SLE R	7.98	4SLE R
314Min.	2115	-885.09	1SLU	46.96	4SLE R	20.28	4SLE R	7.73	4SLE R
314Max	-235	-1414.69	4SLE R	67.86	1SLU	-10.37	4SLE R	13.52	1SLU
314Max	-238	-1185.28	4SLE R	67.86	1SLU	-10.85	4SLE R	13.90	1SLU
314Max	-314	-224.20	4SLE R	67.86	1SLU	35.25	1SLU	13.90	1SLU
314Max	-312	-96.43	4SLE R	67.86	1SLU	34.53	1SLU	13.52	1SLU
314Min.	-235	-1906.39	1SLU	47.24	4SLE R	-16.57	1SLU	8.49	4SLE R
314Min.	-238	-1570.11	1SLU	47.24	4SLE R	-17.30	1SLU	8.74	4SLE R
314Min.	-314	-345.04	1SLU	47.24	4SLE R	22.20	4SLE R	8.74	4SLE R
314Min.	-312	-168.31	1SLU	47.24	4SLE R	21.72	4SLE R	8.49	4SLE R
314Max	-232	-1566.95	4SLE R	67.76	1SLU	-9.88	4SLE R	13.14	1SLU
314Max	-235	-1337.92	4SLE R	67.76	1SLU	-10.37	4SLE R	13.52	1SLU
314Max	-312	-376.57	4SLE R	67.76	1SLU	34.53	1SLU	13.52	1SLU
314Max	-310	-248.97	4SLE R	67.76	1SLU	33.81	1SLU	13.14	1SLU
314Min.	-232	-2145.44	1SLU	47.17	4SLE R	-15.85	1SLU	8.23	4SLE R
314Min.	-235	-1809.66	1SLU	47.17	4SLE R	-16.57	1SLU	8.49	4SLE R
314Min.	-312	-584.24	1SLU	47.17	4SLE R	21.72	4SLE R	8.49	4SLE R
314Min.	-310	-407.73	1SLU	47.17	4SLE R	21.24	4SLE R	8.23	4SLE R
314Max	-238	-1262.11	4SLE R	67.92	1SLU	-10.85	4SLE R	13.90	1SLU
314Max	1135	-1030.89	3SLE R	67.92	1SLU	-11.33	4SLE R	14.28	1SLU
314Max	2136	-71.54	4SLE R	67.92	1SLU	35.97	1SLU	14.28	1SLU
314Max	-314	78.05	2SLU	67.92	1SLU	35.25	1SLU	13.90	1SLU
314Min.	-238	-1666.92	1SLU	47.29	4SLE R	-17.30	1SLU	8.74	4SLE R
314Min.	1135	-1332.64	2SLU	47.29	4SLE R	-18.02	1SLU	9.00	4SLE R
314Min.	2136	-105.47	1SLU	47.29	4SLE R	22.68	4SLE R	9.00	4SLE R
314Min.	-314	51.89	3SLE R	47.29	4SLE R	22.20	4SLE R	8.74	4SLE R
314Max	1103	-458.33	4SLE R	5.15	1SLU	-2.14	4SLE R	2.98	1SLU
314Max	-353	-441.83	4SLE R	5.15	1SLU	-2.17	4SLE R	3.00	1SLU
314Max	-354	-178.96	4SLE R	5.15	1SLU	7.85	1SLU	3.00	1SLU
314Max	2104	-168.38	4SLE R	5.15	1SLU	7.81	1SLU	2.98	1SLU
314Min.	1103	-645.33	1SLU	3.58	4SLE R	-3.45	1SLU	1.86	4SLE R
314Min.	-353	-621.23	1SLU	3.58	4SLE R	-3.50	1SLU	1.87	4SLE R
314Min.	-354	-281.35	1SLU	3.58	4SLE R	4.92	4SLE R	1.87	4SLE R
314Min.	2104	-266.54	1SLU	3.58	4SLE R	4.89	4SLE R	1.86	4SLE R
314Max	-230	-1718.80	4SLE R	67.63	1SLU	-9.40	4SLE R	12.75	1SLU
314Max	-232	-1490.27	4SLE R	67.63	1SLU	-9.88	4SLE R	13.14	1SLU
314Max	-310	-528.55	4SLE R	67.63	1SLU	33.81	1SLU	13.14	1SLU
314Max	-309	-401.17	4SLE R	67.63	1SLU	33.09	1SLU	12.75	1SLU
314Min.	-230	-2383.93	1SLU	47.08	4SLE R	-15.13	1SLU	7.98	4SLE R
314Min.	-232	-2048.83	1SLU	47.08	4SLE R	-15.85	1SLU	8.23	4SLE R
314Min.	-310	-822.92	1SLU	47.08	4SLE R	21.24	4SLE R	8.23	4SLE R
314Min.	-309	-646.71	1SLU	47.08	4SLE R	20.76	4SLE R	7.98	4SLE R
315Max	1135	-1512.92	4SLE R	315.05	1SLU	3.83	1SLU	-1.14	4SLE R
315Max	-243	-1061.59	4SLE R	315.05	1SLU	3.39	1SLU	-0.99	4SLE R
315Max	-317	-918.68	4SLE R	315.05	1SLU	-1.40	3SLE R	-0.99	4SLE R
315Max	2136	203.58	1SLU	315.05	1SLU	-1.69	4SLE R	-1.14	4SLE R
315Min.	1135	-2148.24	1SLU	198.44	4SLE R	2.62	4SLE R	-1.64	1SLU
315Min.	-243	-1429.86	1SLU	198.44	4SLE R	2.33	4SLE R	-1.41	1SLU
315Min.	-317	-1459.82	1SLU	198.44	4SLE R	-1.94	2SLU	-1.41	1SLU
315Min.	2136	130.22	4SLE R	198.44	4SLE R	-2.37	1SLU	-1.64	1SLU
315Max	-243	-2409.21	4SLE R	315.06	1SLU	3.39	1SLU	-0.99	4SLE R
315Max	1134	-1957.84	4SLE R	315.06	1SLU	2.96	1SLU	-0.83	4SLE R



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315Max	2135	-1814.96	4SLE R	315.06	1SLU	-1.09	3SLE R	-0.83	4SLE R
315Max	-317	-766.04	4SLE R	315.06	1SLU	-1.40	3SLE R	-0.99	4SLE R
315Min.	-243	-3565.68	1SLU	198.45	4SLE R	2.33	4SLE R	-1.41	1SLU
315Min.	1134	-2847.24	1SLU	198.45	4SLE R	2.04	4SLE R	-1.18	1SLU
315Min.	2135	-2877.24	1SLU	198.45	4SLE R	-1.53	2SLU	-1.18	1SLU
315Min.	-317	-1213.81	1SLU	198.45	4SLE R	-1.94	2SLU	-1.41	1SLU
316Max	1133	-2107.07	4SLE R	0.15	1SLU	1.13	1SLU	-0.21	4SLE R
316Max	1132	-2106.92	4SLE R	0.15	1SLU	0.98	1SLU	-0.16	4SLE R
316Max	2133	-1596.69	4SLE R	0.15	1SLU	0.07	1SLU	-0.16	4SLE R
316Max	2134	-1596.69	4SLE R	0.15	1SLU	-0.05	4SLE R	-0.21	4SLE R
316Min.	1133	-3196.35	1SLU	-0.03	2SLU	0.76	4SLE R	-0.32	1SLU
316Min.	1132	-3195.21	1SLU	-0.03	2SLU	0.67	4SLE R	-0.24	1SLU
316Min.	2133	-2532.39	1SLU	-0.03	2SLU	0.05	4SLE R	-0.24	1SLU
316Min.	2134	-2532.39	1SLU	-0.03	2SLU	-0.07	1SLU	-0.32	1SLU
317Max	1131	-2107.05	4SLE R	0.14	1SLU	0.88	1SLU	-0.17	4SLE R
317Max	1130	-2106.94	4SLE R	0.14	1SLU	0.74	1SLU	-0.12	4SLE R
317Max	2131	-1596.69	4SLE R	0.14	1SLU	0.07	1SLU	-0.12	4SLE R
317Max	2132	-1596.69	4SLE R	0.14	1SLU	-0.05	4SLE R	-0.17	4SLE R
317Min.	1131	-3196.32	1SLU	-0.04	2SLU	0.60	4SLE R	-0.25	1SLU
317Min.	1130	-3195.24	1SLU	-0.04	2SLU	0.50	4SLE R	-0.18	1SLU
317Min.	2131	-2532.39	1SLU	-0.04	2SLU	0.05	4SLE R	-0.18	1SLU
317Min.	2132	-2532.39	1SLU	-0.04	2SLU	-0.07	1SLU	-0.25	1SLU
318Max	1129	-2275.65	4SLE R	0.83	1SLU	1.28	1SLU	-0.31	4SLE R
318Max	-242	-2275.47	4SLE R	0.83	1SLU	0.84	1SLU	-0.15	4SLE R
318Max	-316	-1382.59	4SLE R	0.83	1SLU	0.00	4SLE R	-0.15	4SLE R
318Max	2130	-1382.49	4SLE R	0.83	1SLU	-0.29	4SLE R	-0.31	4SLE R
318Min.	1129	-3356.74	1SLU	-0.34	2SLU	0.87	4SLE R	-0.45	1SLU
318Min.	-242	-3352.80	1SLU	-0.34	2SLU	0.58	4SLE R	-0.22	1SLU
318Min.	-316	-2195.01	1SLU	-0.34	2SLU	0.00	1SLU	-0.22	1SLU
318Min.	2130	-2192.66	1SLU	-0.34	2SLU	-0.44	1SLU	-0.45	1SLU
318Max	-242	-2275.51	4SLE R	0.80	1SLU	0.84	1SLU	-0.15	4SLE R
318Max	1128	-2275.48	4SLE R	0.80	1SLU	0.40	1SLU	0.01	1SLU
318Max	2129	-1382.49	4SLE R	0.80	1SLU	0.44	1SLU	0.01	1SLU
318Max	-316	-1382.45	4SLE R	0.80	1SLU	0.00	4SLE R	-0.15	4SLE R
318Min.	-242	-3354.32	1SLU	-0.37	2SLU	0.58	4SLE R	-0.22	1SLU
318Min.	1128	-3350.58	1SLU	-0.37	2SLU	0.29	4SLE R	0.00	4SLE R
318Min.	2129	-2192.66	1SLU	-0.37	2SLU	0.29	4SLE R	0.00	4SLE R
318Min.	-316	-2190.39	1SLU	-0.37	2SLU	0.00	1SLU	-0.22	1SLU
319Max	1127	-2840.07	4SLE R	0.32	3SLE R	0.43	1SLU	-0.12	4SLE R
319Max	1126	-2840.36	4SLE R	0.32	3SLE R	0.02	4SLE R	0.06	1SLU
319Max	2127	-1947.19	4SLE R	0.32	3SLE R	0.22	1SLU	0.06	1SLU
319Max	2128	-1947.19	4SLE R	0.32	3SLE R	-0.15	4SLE R	-0.12	4SLE R
319Min.	1127	-4250.39	1SLU	-0.23	2SLU	0.31	4SLE R	-0.17	1SLU
319Min.	1126	-4248.04	1SLU	-0.23	2SLU	-0.01	1SLU	0.03	4SLE R
319Min.	2127	-3088.28	1SLU	-0.23	2SLU	0.15	4SLE R	0.03	4SLE R
319Min.	2128	-3088.28	1SLU	-0.23	2SLU	-0.22	1SLU	-0.17	1SLU
320Max	1125	-2677.03	4SLE R	0.24	3SLE R	-0.04	4SLE R	-0.02	3SLE R
320Max	1124	-2677.52	4SLE R	0.24	3SLE R	-0.28	4SLE R	0.17	1SLU
320Max	2125	-1869.30	4SLE R	0.24	3SLE R	0.18	1SLU	0.17	1SLU
320Max	2126	-1869.30	4SLE R	0.24	3SLE R	-0.12	4SLE R	-0.02	3SLE R
320Min.	1125	-4015.92	1SLU	-0.24	2SLU	-0.09	1SLU	-0.03	2SLU
320Min.	1124	-4014.32	1SLU	-0.24	2SLU	-0.45	1SLU	0.10	4SLE R
320Min.	2125	-2964.75	1SLU	-0.24	2SLU	0.12	4SLE R	0.10	4SLE R
320Min.	2126	-2964.75	1SLU	-0.24	2SLU	-0.18	1SLU	-0.03	2SLU
321Max	1123	-2269.74	4SLE R	0.12	3SLE R	-0.26	4SLE R	0.08	1SLU
321Max	1122	-2270.12	4SLE R	0.12	3SLE R	-0.39	4SLE R	0.19	1SLU
321Max	2123	-1674.58	4SLE R	0.12	3SLE R	0.10	1SLU	0.19	1SLU
321Max	2124	-1674.58	4SLE R	0.12	3SLE R	-0.06	4SLE R	0.08	1SLU
321Min.	1123	-3430.24	1SLU	-0.15	2SLU	-0.42	1SLU	0.05	4SLE R
321Min.	1122	-3429.51	1SLU	-0.15	2SLU	-0.61	1SLU	0.12	4SLE R
321Min.	2123	-2655.92	1SLU	-0.15	2SLU	0.06	4SLE R	0.12	4SLE R
321Min.	2124	-2655.92	1SLU	-0.15	2SLU	-0.10	1SLU	0.05	4SLE R
322Max	1121	-3547.47	4SLE R	365.44	1SLU	-0.61	4SLE R	0.20	1SLU
322Max	1120	-3014.34	4SLE R	365.44	1SLU	-0.84	4SLE R	0.39	1SLU
322Max	2121	-3076.56	4SLE R	365.44	1SLU	0.18	1SLU	0.39	1SLU
322Max	2122	-1869.30	4SLE R	365.44	1SLU	-0.12	4SLE R	0.20	1SLU
322Min.	1121	-5396.48	1SLU	230.21	4SLE R	-0.95	1SLU	0.13	4SLE R
322Min.	1120	-4548.49	1SLU	230.21	4SLE R	-1.31	1SLU	0.25	4SLE R
322Min.	2121	-4879.48	1SLU	230.21	4SLE R	0.12	4SLE R	0.25	4SLE R



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322Min.	2122	-2964.75	1SLU	230.21	4SLE R	-0.18	1SLU	0.13	4SLE R
323Max	1119	-1765.86	4SLE R	-466.12	4SLE R	-1.13	4SLE R	0.37	2SLU
323Max	1118	-2836.81	4SLE R	-466.12	4SLE R	-1.39	4SLE R	0.56	2SLU
323Max	2119	-224.37	4SLE R	-466.12	4SLE R	0.15	2SLU	0.56	2SLU
323Max	2120	-2677.30	4SLE R	-466.12	4SLE R	-0.19	4SLE R	0.37	2SLU
323Min.	1119	-2558.30	1SLU	-739.15	1SLU	-1.68	1SLU	0.23	3SLE R
323Min.	1118	-4254.64	1SLU	-739.15	1SLU	-2.07	1SLU	0.38	3SLE R
323Min.	2119	-355.02	1SLU	-739.15	1SLU	-0.02	3SLE R	0.38	3SLE R
323Min.	2120	-4246.62	1SLU	-739.15	1SLU	-0.40	1SLU	0.23	3SLE R
324Max	-234	-936.97	3SLE R	22.00	2SLU	-28.20	4SLE R	34.93	1SLU
324Max	1117	-807.64	3SLE R	22.00	2SLU	-28.62	4SLE R	35.26	1SLU
324Max	2118	280.01	1SLU	22.00	2SLU	88.08	1SLU	35.26	1SLU
324Max	-311	257.59	1SLU	22.00	2SLU	87.45	1SLU	34.93	1SLU
324Min.	-234	-1230.08	2SLU	14.76	3SLE R	-44.59	1SLU	22.06	4SLE R
324Min.	1117	-1055.39	2SLU	14.76	3SLE R	-45.21	1SLU	22.28	4SLE R
324Min.	2118	175.36	4SLE R	14.76	3SLE R	55.61	4SLE R	22.28	4SLE R
324Min.	-311	166.98	4SLE R	14.76	3SLE R	55.19	4SLE R	22.06	4SLE R
324Max	-240	-1347.08	4SLE R	22.03	2SLU	-27.37	4SLE R	34.27	1SLU
324Max	-237	-1224.13	4SLE R	22.03	2SLU	-27.79	4SLE R	34.60	1SLU
324Max	-313	-218.32	4SLE R	22.03	2SLU	86.83	1SLU	34.60	1SLU
324Max	-315	-226.64	4SLE R	22.03	2SLU	86.20	1SLU	34.27	1SLU
324Min.	-240	-1826.44	1SLU	14.79	3SLE R	-43.33	1SLU	21.62	4SLE R
324Min.	-237	-1641.78	1SLU	14.79	3SLE R	-43.96	1SLU	21.84	4SLE R
324Min.	-313	-340.87	1SLU	14.79	3SLE R	54.77	4SLE R	21.84	4SLE R
324Min.	-315	-363.23	1SLU	14.79	3SLE R	54.36	4SLE R	21.62	4SLE R
324Max	1118	-1544.07	4SLE R	22.05	2SLU	-26.95	4SLE R	33.94	1SLU
324Max	-240	-1421.04	4SLE R	22.05	2SLU	-27.37	4SLE R	34.27	1SLU
324Max	-315	-415.28	4SLE R	22.05	2SLU	86.20	1SLU	34.27	1SLU
324Max	2119	-423.57	4SLE R	22.05	2SLU	85.58	1SLU	33.94	1SLU
324Min.	1118	-2137.08	1SLU	14.80	3SLE R	-42.70	1SLU	21.40	4SLE R
324Min.	-240	-1952.31	1SLU	14.80	3SLE R	-43.33	1SLU	21.62	4SLE R
324Min.	-315	-651.47	1SLU	14.80	3SLE R	54.36	4SLE R	21.62	4SLE R
324Min.	2119	-673.80	1SLU	14.80	3SLE R	53.94	4SLE R	21.40	4SLE R
324Max	-237	-1150.18	4SLE R	22.01	2SLU	-27.79	4SLE R	34.60	1SLU
324Max	-234	-1027.31	4SLE R	22.01	2SLU	-28.20	4SLE R	34.93	1SLU
324Max	-311	-20.93	3SLE R	22.01	2SLU	87.45	1SLU	34.93	1SLU
324Max	-313	-29.79	4SLE R	22.01	2SLU	86.83	1SLU	34.60	1SLU
324Min.	-237	-1515.92	1SLU	14.77	3SLE R	-43.96	1SLU	21.84	4SLE R
324Min.	-234	-1331.36	1SLU	14.77	3SLE R	-44.59	1SLU	22.06	4SLE R
324Min.	-311	-31.16	2SLU	14.77	3SLE R	55.19	4SLE R	22.06	4SLE R
324Min.	-313	-52.78	1SLU	14.77	3SLE R	54.77	4SLE R	21.84	4SLE R
325Max	-213	-2465.01	4SLE R	-55.48	4SLE R	-6.50	4SLE R	9.13	1SLU
325Max	-217	-2602.43	4SLE R	-55.48	4SLE R	-6.77	4SLE R	9.34	1SLU
325Max	-299	-1318.95	4SLE R	-55.48	4SLE R	24.50	1SLU	9.34	1SLU
325Max	-296	-1600.98	4SLE R	-55.48	4SLE R	24.10	1SLU	9.13	1SLU
325Min.	-213	-3604.43	1SLU	-87.05	1SLU	-10.40	1SLU	5.75	4SLE R
325Min.	-217	-3820.38	1SLU	-87.05	1SLU	-10.80	1SLU	5.89	4SLE R
325Min.	-299	-2095.45	1SLU	-87.05	1SLU	15.51	4SLE R	5.89	4SLE R
325Min.	-296	-2537.60	1SLU	-87.05	1SLU	15.24	4SLE R	5.75	4SLE R
325Max	1107	-670.43	4SLE R	-6.44	4SLE R	-2.82	4SLE R	3.77	1SLU
325Max	1116	-688.15	4SLE R	-6.44	4SLE R	-2.85	4SLE R	3.79	1SLU
325Max	2117	-408.65	4SLE R	-6.44	4SLE R	9.81	1SLU	3.79	1SLU
325Max	2108	-439.63	4SLE R	-6.44	4SLE R	9.78	1SLU	3.77	1SLU
325Min.	1107	-972.86	1SLU	-10.11	1SLU	-4.49	1SLU	2.39	4SLE R
325Min.	1116	-1000.69	1SLU	-10.11	1SLU	-4.52	1SLU	2.40	4SLE R
325Min.	2117	-630.79	1SLU	-10.11	1SLU	6.22	4SLE R	2.40	4SLE R
325Min.	2108	-679.38	1SLU	-10.11	1SLU	6.20	4SLE R	2.39	4SLE R
325Max	-220	-2031.19	4SLE R	-55.48	4SLE R	-7.03	4SLE R	9.55	1SLU
325Max	1107	-2168.60	4SLE R	-55.48	4SLE R	-7.29	4SLE R	9.76	1SLU
325Max	2108	-885.13	4SLE R	-55.48	4SLE R	25.29	1SLU	9.76	1SLU
325Max	-301	-1167.14	4SLE R	-55.48	4SLE R	24.89	1SLU	9.55	1SLU
325Min.	-220	-2925.89	1SLU	-87.04	1SLU	-11.19	1SLU	6.03	4SLE R
325Min.	1107	-3141.83	1SLU	-87.04	1SLU	-11.59	1SLU	6.17	4SLE R
325Min.	2108	-1416.92	1SLU	-87.04	1SLU	16.03	4SLE R	6.17	4SLE R
325Min.	-301	-1859.04	1SLU	-87.04	1SLU	15.77	4SLE R	6.03	4SLE R
325Max	1081	-2681.97	4SLE R	-55.49	4SLE R	-6.24	4SLE R	8.92	1SLU
325Max	-213	-2819.40	4SLE R	-55.49	4SLE R	-6.50	4SLE R	9.13	1SLU
325Max	-296	-1535.90	4SLE R	-55.49	4SLE R	24.10	1SLU	9.13	1SLU
325Max	2082	-1817.95	4SLE R	-55.49	4SLE R	23.71	1SLU	8.92	1SLU



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325Min.	1081	-3943.77	1SLU	-87.06	1SLU	-10.00	1SLU	5.61	4SLE R
325Min.	-213	-4159.75	1SLU	-87.06	1SLU	-10.40	1SLU	5.75	4SLE R
325Min.	-296	-2434.79	1SLU	-87.06	1SLU	15.24	4SLE R	5.75	4SLE R
325Min.	2082	-2876.96	1SLU	-87.06	1SLU	14.98	4SLE R	5.61	4SLE R
325Max	-217	-2248.11	4SLE R	-55.48	4SLE R	-6.77	4SLE R	9.34	1SLU
325Max	-220	-2385.52	4SLE R	-55.48	4SLE R	-7.03	4SLE R	9.55	1SLU
325Max	-301	-1102.05	4SLE R	-55.48	4SLE R	24.89	1SLU	9.55	1SLU
325Max	-299	-1384.07	4SLE R	-55.48	4SLE R	24.50	1SLU	9.34	1SLU
325Min.	-217	-3265.17	1SLU	-87.05	1SLU	-10.80	1SLU	5.89	4SLE R
325Min.	-220	-3481.12	1SLU	-87.05	1SLU	-11.19	1SLU	6.03	4SLE R
325Min.	-301	-1756.20	1SLU	-87.05	1SLU	15.77	4SLE R	6.03	4SLE R
325Min.	-299	-2198.33	1SLU	-87.05	1SLU	15.51	4SLE R	5.89	4SLE R
326Max	1104	-2554.86	4SLE R	436.56	1SLU	-2.12	4SLE R	2.06	1SLU
326Max	1101	-1889.38	4SLE R	436.56	1SLU	-2.32	4SLE R	2.22	1SLU
326Max	2102	-2000.63	4SLE R	436.56	1SLU	4.88	1SLU	2.22	1SLU
326Max	2105	-572.51	4SLE R	436.56	1SLU	4.58	1SLU	2.06	1SLU
326Min.	1104	-3784.11	1SLU	276.93	4SLE R	-3.19	1SLU	1.36	4SLE R
326Min.	1101	-2736.86	1SLU	276.93	4SLE R	-3.49	1SLU	1.46	4SLE R
326Min.	2102	-3170.83	1SLU	276.93	4SLE R	3.21	4SLE R	1.46	4SLE R
326Min.	2105	-917.70	1SLU	276.93	4SLE R	3.01	4SLE R	1.36	4SLE R
326Max	1115	-531.80	4SLE R	44.06	1SLU	-0.77	4SLE R	0.75	1SLU
326Max	1104	-458.15	4SLE R	44.06	1SLU	-0.79	4SLE R	0.76	1SLU
326Max	2105	-351.18	4SLE R	44.06	1SLU	1.70	1SLU	0.76	1SLU
326Max	2116	-213.52	4SLE R	44.06	1SLU	1.67	1SLU	0.75	1SLU
326Min.	1115	-765.82	1SLU	27.95	4SLE R	-1.16	1SLU	0.49	4SLE R
326Min.	1104	-649.88	1SLU	27.95	4SLE R	-1.18	1SLU	0.50	4SLE R
326Min.	2105	-540.02	1SLU	27.95	4SLE R	1.11	4SLE R	0.50	4SLE R
326Min.	2116	-322.86	1SLU	27.95	4SLE R	1.10	4SLE R	0.49	4SLE R
327Max	1087	-2767.08	4SLE R	8.41	1SLU	-0.67	4SLE R	0.23	1SLU
327Max	1085	-2725.62	4SLE R	8.41	1SLU	-0.80	4SLE R	0.34	1SLU
327Max	2086	-1980.90	4SLE R	8.41	1SLU	0.10	1SLU	0.34	1SLU
327Max	2088	-1980.90	4SLE R	8.41	1SLU	-0.07	4SLE R	0.23	1SLU
327Min.	1087	-4168.64	1SLU	5.48	4SLE R	-0.98	1SLU	0.16	4SLE R
327Min.	1085	-4105.03	1SLU	5.48	4SLE R	-1.18	1SLU	0.23	4SLE R
327Min.	2086	-3141.75	1SLU	5.48	4SLE R	0.07	4SLE R	0.23	4SLE R
327Min.	2088	-3141.75	1SLU	5.48	4SLE R	-0.10	1SLU	0.16	4SLE R
328Max	1107	-2050.35	4SLE R	210.41	1SLU	-1.93	4SLE R	2.19	1SLU
328Max	1106	-1768.74	4SLE R	210.41	1SLU	-2.09	4SLE R	2.32	1SLU
328Max	2107	-1421.28	4SLE R	210.41	1SLU	5.49	1SLU	2.32	1SLU
328Max	2108	-696.80	4SLE R	210.41	1SLU	5.25	1SLU	2.19	1SLU
328Min.	1107	-3013.55	1SLU	133.08	4SLE R	-3.03	1SLU	1.40	4SLE R
328Min.	1106	-2565.35	1SLU	133.08	4SLE R	-3.27	1SLU	1.48	4SLE R
328Min.	2107	-2255.05	1SLU	133.08	4SLE R	3.51	4SLE R	1.48	4SLE R
328Min.	2108	-1112.55	1SLU	133.08	4SLE R	3.35	4SLE R	1.40	4SLE R
329Max	1105	-2280.01	4SLE R	-49.79	4SLE R	-13.58	4SLE R	16.60	1SLU
329Max	-223	-2426.25	4SLE R	-49.79	4SLE R	-13.84	4SLE R	16.81	1SLU
329Max	-304	-1153.64	4SLE R	-49.79	4SLE R	41.69	1SLU	16.81	1SLU
329Max	2106	-1383.85	4SLE R	-49.79	4SLE R	41.29	1SLU	16.60	1SLU
329Min.	1105	-3312.16	1SLU	-75.44	1SLU	-21.45	1SLU	10.50	4SLE R
329Min.	-223	-3531.48	1SLU	-75.44	1SLU	-21.84	1SLU	10.64	4SLE R
329Min.	-304	-1836.61	1SLU	-75.44	1SLU	26.39	4SLE R	10.64	4SLE R
329Min.	2106	-2187.63	1SLU	-75.44	1SLU	26.13	4SLE R	10.50	4SLE R
329Max	-223	-2154.07	4SLE R	-49.81	4SLE R	-13.84	4SLE R	16.81	1SLU
329Max	-222	-2300.37	4SLE R	-49.81	4SLE R	-14.10	4SLE R	17.02	1SLU
329Max	-303	-1027.72	4SLE R	-49.81	4SLE R	42.09	1SLU	17.02	1SLU
329Max	-304	-1257.95	4SLE R	-49.81	4SLE R	41.69	1SLU	16.81	1SLU
329Min.	-223	-3114.62	1SLU	-75.46	1SLU	-21.84	1SLU	10.64	4SLE R
329Min.	-222	-3334.03	1SLU	-75.46	1SLU	-22.24	1SLU	10.78	4SLE R
329Min.	-303	-1639.10	1SLU	-75.46	1SLU	26.66	4SLE R	10.78	4SLE R
329Min.	-304	-1990.15	1SLU	-75.46	1SLU	26.39	4SLE R	10.64	4SLE R
329Max	-221	-1902.36	4SLE R	-49.82	4SLE R	-14.37	4SLE R	17.23	1SLU
329Max	1104	-2048.75	4SLE R	-49.82	4SLE R	-14.63	4SLE R	17.44	1SLU
329Max	2105	-776.04	4SLE R	-49.82	4SLE R	42.89	1SLU	17.44	1SLU
329Max	-302	-1006.30	4SLE R	-49.82	4SLE R	42.49	1SLU	17.23	1SLU
329Min.	-221	-2719.80	1SLU	-75.48	1SLU	-22.64	1SLU	10.92	4SLE R
329Min.	1104	-2939.32	1SLU	-75.48	1SLU	-23.03	1SLU	11.06	4SLE R
329Min.	2105	-1244.31	1SLU	-75.48	1SLU	27.19	4SLE R	11.06	4SLE R
329Min.	-302	-1595.40	1SLU	-75.48	1SLU	26.92	4SLE R	10.92	4SLE R
329Max	-222	-2028.19	4SLE R	-49.81	4SLE R	-14.10	4SLE R	17.02	1SLU



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329Max	-221	-2174.54	4SLE R	-49.81	4SLE R	-14.37	4SLE R	17.23	1SLU
329Max	-302	-901.86	4SLE R	-49.81	4SLE R	42.49	1SLU	17.23	1SLU
329Max	-303	-1132.10	4SLE R	-49.81	4SLE R	42.09	1SLU	17.02	1SLU
329Min.	-222	-2917.18	1SLU	-75.47	1SLU	-22.24	1SLU	10.78	4SLE R
329Min.	-221	-3136.65	1SLU	-75.47	1SLU	-22.64	1SLU	10.92	4SLE R
329Min.	-302	-1441.67	1SLU	-75.47	1SLU	26.92	4SLE R	10.92	4SLE R
329Min.	-303	-1792.75	1SLU	-75.47	1SLU	26.66	4SLE R	10.78	4SLE R
330Max	1079	-2754.70	3SLE R	143.79	1SLU	-0.65	3SLE R	1.80	2SLU
330Max	1083	-2415.67	3SLE R	143.79	1SLU	-0.84	3SLE R	1.93	2SLU
330Max	2084	-2116.30	4SLE R	143.79	1SLU	6.01	2SLU	1.93	2SLU
330Max	2080	-1687.96	3SLE R	143.79	1SLU	5.77	2SLU	1.80	2SLU
330Min.	1079	-3798.68	2SLU	92.36	4SLE R	-1.04	2SLU	1.24	3SLE R
330Min.	1083	-3366.99	2SLU	92.36	4SLE R	-1.28	2SLU	1.34	3SLE R
330Min.	2084	-2978.14	1SLU	92.36	4SLE R	4.23	3SLE R	1.34	3SLE R
330Min.	2080	-2426.45	2SLU	92.36	4SLE R	4.04	3SLE R	1.24	3SLE R
331Max	-218	-1539.68	4SLE R	-91.77	4SLE R	6.84	1SLU	-2.83	4SLE R
331Max	1100	-1610.14	4SLE R	-91.77	4SLE R	6.43	1SLU	-2.68	4SLE R
331Max	2101	-412.76	4SLE R	-91.77	4SLE R	-6.02	4SLE R	-2.68	4SLE R
331Max	-300	-1036.05	4SLE R	-91.77	4SLE R	-6.29	4SLE R	-2.83	4SLE R
331Min.	-218	-2191.49	1SLU	-150.85	1SLU	4.40	4SLE R	-4.45	1SLU
331Min.	1100	-2327.32	1SLU	-150.85	1SLU	4.13	4SLE R	-4.24	1SLU
331Min.	2101	-651.46	1SLU	-150.85	1SLU	-9.60	1SLU	-4.24	1SLU
331Min.	-300	-1656.06	1SLU	-150.85	1SLU	-10.00	1SLU	-4.45	1SLU
331Max	1086	-2368.78	4SLE R	-91.79	4SLE R	7.24	1SLU	-2.97	4SLE R
331Max	-218	-2439.36	4SLE R	-91.79	4SLE R	6.84	1SLU	-2.83	4SLE R
331Max	-300	-1241.90	4SLE R	-91.79	4SLE R	-6.29	4SLE R	-2.83	4SLE R
331Max	2087	-1865.24	4SLE R	-91.79	4SLE R	-6.56	4SLE R	-2.97	4SLE R
331Min.	1086	-3494.47	1SLU	-150.88	1SLU	4.66	4SLE R	-4.67	1SLU
331Min.	-218	-3630.46	1SLU	-150.88	1SLU	4.40	4SLE R	-4.45	1SLU
331Min.	-300	-1954.48	1SLU	-150.88	1SLU	-10.00	1SLU	-4.45	1SLU
331Min.	2087	-2959.15	1SLU	-150.88	1SLU	-10.40	1SLU	-4.67	1SLU
332Max	1100	-1080.18	4SLE R	-92.03	4SLE R	-2.36	4SLE R	6.37	1SLU
332Max	1099	-1347.81	4SLE R	-92.03	4SLE R	-2.70	4SLE R	6.65	1SLU
332Max	2100	-21.87	4SLE R	-92.03	4SLE R	20.37	1SLU	6.65	1SLU
332Max	2101	-449.98	4SLE R	-92.03	4SLE R	19.85	1SLU	6.37	1SLU
332Min.	1100	-1440.27	1SLU	-145.37	1SLU	-4.24	1SLU	3.88	4SLE R
332Min.	1099	-1855.79	1SLU	-145.37	1SLU	-4.76	1SLU	4.06	4SLE R
332Min.	2100	-34.78	1SLU	-145.37	1SLU	12.64	4SLE R	4.06	4SLE R
332Min.	2101	-718.29	1SLU	-145.37	1SLU	12.29	4SLE R	3.88	4SLE R
333Max	1098	-226.96	3SLE R	-0.69	4SLE R	1.20	1SLU	-0.21	4SLE R
333Max	1097	-232.23	4SLE R	-0.69	4SLE R	1.17	1SLU	-0.20	4SLE R
333Max	2098	0.00	1SLU	-0.69	4SLE R	0.01	1SLU	-0.20	4SLE R
333Max	2099	0.00	4SLE R	-0.69	4SLE R	-0.01	4SLE R	-0.21	4SLE R
333Min.	1098	-294.86	2SLU	-1.01	1SLU	0.80	4SLE R	-0.32	1SLU
333Min.	1097	-302.32	1SLU	-1.01	1SLU	0.78	4SLE R	-0.31	1SLU
333Min.	2098	0.00	4SLE R	-1.01	1SLU	0.01	4SLE R	-0.31	1SLU
333Min.	2099	0.00	1SLU	-1.01	1SLU	-0.01	1SLU	-0.32	1SLU
334Max	1096	-226.96	3SLE R	-0.68	4SLE R	1.11	1SLU	-0.20	4SLE R
334Max	1095	-232.22	4SLE R	-0.68	4SLE R	1.08	1SLU	-0.19	4SLE R
334Max	2096	0.00	4SLE R	-0.68	4SLE R	0.01	1SLU	-0.19	4SLE R
334Max	2097	0.00	1SLU	-0.68	4SLE R	-0.01	4SLE R	-0.20	4SLE R
334Min.	1096	-294.87	2SLU	-1.00	1SLU	0.74	4SLE R	-0.30	1SLU
334Min.	1095	-302.32	1SLU	-1.00	1SLU	0.72	4SLE R	-0.28	1SLU
334Min.	2096	0.00	1SLU	-1.00	1SLU	0.01	4SLE R	-0.28	1SLU
334Min.	2097	0.00	4SLE R	-1.00	1SLU	-0.01	1SLU	-0.30	1SLU
335Max	1094	-226.97	3SLE R	-0.68	4SLE R	1.02	1SLU	-0.18	4SLE R
335Max	1093	-232.22	4SLE R	-0.68	4SLE R	0.99	1SLU	-0.17	4SLE R
335Max	2094	0.00	3SLE R	-0.68	4SLE R	0.01	1SLU	-0.17	4SLE R
335Max	2095	0.00	2SLU	-0.68	4SLE R	-0.01	4SLE R	-0.18	4SLE R
335Min.	1094	-294.87	2SLU	-1.00	1SLU	0.68	4SLE R	-0.27	1SLU
335Min.	1093	-302.31	1SLU	-1.00	1SLU	0.66	4SLE R	-0.26	1SLU
335Min.	2094	0.00	2SLU	-1.00	1SLU	0.01	4SLE R	-0.26	1SLU
335Min.	2095	0.00	3SLE R	-1.00	1SLU	-0.01	1SLU	-0.27	1SLU
336Max	1091	-937.99	4SLE R	-261.42	4SLE R	1.01	1SLU	1.50	2SLU
336Max	1090	-1576.32	4SLE R	-261.42	4SLE R	0.35	1SLU	1.83	2SLU
336Max	2091	733.32	2SLU	-261.42	4SLE R	7.10	1SLU	1.83	2SLU
336Max	2092	-820.52	4SLE R	-261.42	4SLE R	6.43	1SLU	1.50	2SLU
336Min.	1091	-1243.17	1SLU	-397.89	1SLU	0.51	4SLE R	1.04	3SLE R
336Min.	1090	-2210.28	1SLU	-397.89	1SLU	0.08	4SLE R	1.29	3SLE R



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336Min.	2091	516.02	3SLE R	-397.89	1SLU	5.06	4SLE R	1.29	3SLE R
336Min.	2092	-1309.84	1SLU	-397.89	1SLU	4.62	4SLE R	1.04	3SLE R
336Max	1092	-1283.04	4SLE R	-140.12	4SLE R	1.00	1SLU	0.88	2SLU
336Max	1091	-1648.76	4SLE R	-140.12	4SLE R	0.69	1SLU	1.03	2SLU
336Max	2092	-362.15	4SLE R	-140.12	4SLE R	4.41	1SLU	1.03	2SLU
336Max	2093	-1055.76	4SLE R	-140.12	4SLE R	4.10	2SLU	0.88	2SLU
336Min.	1092	-1833.70	1SLU	-213.26	1SLU	0.56	4SLE R	0.59	3SLE R
336Min.	1091	-2388.24	1SLU	-213.26	1SLU	0.35	4SLE R	0.71	3SLE R
336Min.	2092	-598.07	1SLU	-213.26	1SLU	3.16	4SLE R	0.71	3SLE R
336Min.	2093	-1655.80	1SLU	-213.26	1SLU	2.95	3SLE R	0.59	3SLE R
337Max	1089	-1429.66	4SLE R	174.54	1SLU	5.50	1SLU	-1.75	4SLE R
337Max	1088	-1264.17	4SLE R	174.54	1SLU	4.94	1SLU	-1.56	4SLE R
337Max	2089	-645.07	4SLE R	174.54	1SLU	-2.59	4SLE R	-1.56	4SLE R
337Max	2090	-6.80	3SLE R	174.54	1SLU	-2.97	4SLE R	-1.75	4SLE R
337Min.	1089	-1993.61	1SLU	106.22	4SLE R	3.66	4SLE R	-2.64	1SLU
337Min.	1088	-1709.74	1SLU	106.22	4SLE R	3.29	4SLE R	-2.35	1SLU
337Min.	2089	-1042.72	1SLU	106.22	4SLE R	-3.92	1SLU	-2.35	1SLU
337Min.	2090	-8.21	2SLU	106.22	4SLE R	-4.49	1SLU	-2.64	1SLU
338Max	1072	-605.65	4SLE R	22.34	1SLU	1.46	1SLU	-0.46	4SLE R
338Max	1071	-585.80	4SLE R	22.34	1SLU	1.39	1SLU	-0.44	4SLE R
338Max	2072	-168.45	4SLE R	22.34	1SLU	-0.73	4SLE R	-0.44	4SLE R
338Max	2073	-87.46	4SLE R	22.34	1SLU	-0.78	4SLE R	-0.46	4SLE R
338Min.	1072	-847.13	1SLU	13.34	4SLE R	0.97	4SLE R	-0.70	1SLU
338Min.	1071	-811.34	1SLU	13.34	4SLE R	0.93	4SLE R	-0.66	1SLU
338Min.	2072	-287.69	1SLU	13.34	4SLE R	-1.11	1SLU	-0.66	1SLU
338Min.	2073	-154.56	1SLU	13.34	4SLE R	-1.18	1SLU	-0.70	1SLU
339Max	2028	-1553.86	4SLE R	-65.91	4SLE R	-85.41	3SLE R	67.75	2SLU
339Max	-251	-1774.62	4SLE R	-65.91	4SLE R	-85.01	3SLE R	67.42	2SLU
339Max	-320	-712.48	4SLE R	-65.91	4SLE R	111.36	1SLU	67.42	2SLU
339Max	3018	-943.87	4SLE R	-65.91	4SLE R	111.89	1SLU	67.75	2SLU
339Min.	2028	-2184.18	1SLU	-93.20	1SLU	-121.30	2SLU	48.24	3SLE R
339Min.	-251	-2498.17	1SLU	-93.20	1SLU	-120.74	2SLU	48.00	3SLE R
339Min.	-320	-1091.61	1SLU	-93.20	1SLU	79.08	4SLE R	48.00	3SLE R
339Min.	3018	-1416.98	1SLU	-93.20	1SLU	79.49	4SLE R	48.24	3SLE R
339Max	-251	-1537.95	4SLE R	-65.91	4SLE R	-85.01	3SLE R	67.42	2SLU
339Max	-248	-1758.72	4SLE R	-65.91	4SLE R	-84.62	3SLE R	67.10	2SLU
339Max	-319	-696.58	4SLE R	-65.91	4SLE R	110.83	1SLU	67.10	2SLU
339Max	-320	-927.97	4SLE R	-65.91	4SLE R	111.36	1SLU	67.42	2SLU
339Min.	-251	-2167.16	1SLU	-93.20	1SLU	-120.74	2SLU	48.00	3SLE R
339Min.	-248	-2481.17	1SLU	-93.20	1SLU	-120.18	2SLU	47.77	3SLE R
339Min.	-319	-1074.60	1SLU	-93.20	1SLU	78.66	4SLE R	47.77	3SLE R
339Min.	-320	-1399.96	1SLU	-93.20	1SLU	79.08	4SLE R	48.00	3SLE R
339Max	-263	-1995.10	4SLE R	-94.07	4SLE R	-109.40	3SLE R	86.81	2SLU
339Max	2030	-2309.18	4SLE R	-94.07	4SLE R	-108.76	3SLE R	86.28	2SLU
339Max	3019	-925.35	4SLE R	-94.07	4SLE R	142.49	1SLU	86.28	2SLU
339Max	-331	-1256.62	4SLE R	-94.07	4SLE R	143.35	1SLU	86.81	2SLU
339Min.	-263	-2790.65	1SLU	-133.04	1SLU	-155.37	2SLU	61.80	3SLE R
339Min.	2030	-3237.76	1SLU	-133.04	1SLU	-154.47	2SLU	61.43	3SLE R
339Min.	3019	-1401.92	1SLU	-133.04	1SLU	101.27	4SLE R	61.43	3SLE R
339Min.	-331	-1867.48	1SLU	-133.04	1SLU	101.94	4SLE R	61.80	3SLE R
339Max	2030	-1313.37	4SLE R	-48.50	4SLE R	-71.25	3SLE R	56.53	2SLU
339Max	2028	-1476.06	4SLE R	-48.50	4SLE R	-70.98	3SLE R	56.30	2SLU
339Max	3018	-615.12	4SLE R	-48.50	4SLE R	92.99	1SLU	56.30	2SLU
339Max	3019	-785.16	4SLE R	-48.50	4SLE R	93.36	1SLU	56.53	2SLU
339Min.	2030	-1842.31	1SLU	-68.58	1SLU	-101.20	2SLU	40.25	3SLE R
339Min.	2028	-2073.60	1SLU	-68.58	1SLU	-100.81	2SLU	40.09	3SLE R
339Min.	3018	-935.42	1SLU	-68.58	1SLU	66.07	4SLE R	40.09	3SLE R
339Min.	3019	-1174.59	1SLU	-68.58	1SLU	66.35	4SLE R	40.25	3SLE R
339Max	-269	-2020.95	4SLE R	-94.07	4SLE R	-110.04	3SLE R	87.33	2SLU
339Max	-263	-2334.98	4SLE R	-94.07	4SLE R	-109.40	3SLE R	86.81	2SLU
339Max	-331	-951.17	4SLE R	-94.07	4SLE R	143.35	1SLU	86.81	2SLU
339Max	-334	-1282.44	4SLE R	-94.07	4SLE R	144.20	1SLU	87.33	2SLU
339Min.	-269	-2818.42	1SLU	-133.03	1SLU	-156.27	2SLU	62.17	3SLE R
339Min.	-263	-3265.46	1SLU	-133.03	1SLU	-155.37	2SLU	61.80	3SLE R
339Min.	-331	-1429.66	1SLU	-133.03	1SLU	101.94	4SLE R	61.80	3SLE R
339Min.	-334	-1895.22	1SLU	-133.03	1SLU	102.61	4SLE R	62.17	3SLE R
339Max	2017	-1858.92	4SLE R	-91.70	4SLE R	-104.90	3SLE R	83.16	2SLU
339Max	2001	-2165.25	4SLE R	-91.70	4SLE R	-104.28	3SLE R	82.66	2SLU
339Max	3004	-808.84	4SLE R	-91.70	4SLE R	136.55	1SLU	82.66	2SLU





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339Max	3012	-1131.61	4SLE R	-91.70	4SLE R	137.37	1SLU	83.16	2SLU
339Min.	2017	-2633.37	1SLU	-129.69	1SLU	-148.99	2SLU	59.21	3SLE R
339Min.	2001	-3069.42	1SLU	-129.69	1SLU	-148.12	2SLU	58.85	3SLE R
339Min.	3004	-1270.16	1SLU	-129.69	1SLU	96.81	4SLE R	58.85	3SLE R
339Min.	3012	-1723.79	1SLU	-129.69	1SLU	97.46	4SLE R	59.21	3SLE R
339Max	-248	-1522.07	4SLE R	-65.91	4SLE R	-84.62	3SLE R	67.10	2SLU
339Max	2017	-1742.84	4SLE R	-65.91	4SLE R	-84.22	3SLE R	66.77	2SLU
339Max	3012	-680.71	4SLE R	-65.91	4SLE R	110.30	1SLU	66.77	2SLU
339Max	-319	-912.08	4SLE R	-65.91	4SLE R	110.83	1SLU	67.10	2SLU
339Min.	-248	-2150.18	1SLU	-93.20	1SLU	-120.18	2SLU	47.77	3SLE R
339Min.	2017	-2464.20	1SLU	-93.20	1SLU	-119.62	2SLU	47.54	3SLE R
339Min.	3012	-1057.64	1SLU	-93.20	1SLU	78.25	4SLE R	47.54	3SLE R
339Min.	-319	-1382.99	1SLU	-93.20	1SLU	78.66	4SLE R	47.77	3SLE R
339Max	2044	-2072.85	4SLE R	-94.06	4SLE R	-111.32	3SLE R	88.39	2SLU
339Max	-273	-2386.80	4SLE R	-94.06	4SLE R	-110.68	3SLE R	87.86	2SLU
339Max	-336	-1003.02	4SLE R	-94.06	4SLE R	145.06	1SLU	87.86	2SLU
339Max	3027	-1334.31	4SLE R	-94.06	4SLE R	145.91	1SLU	88.39	2SLU
339Min.	2044	-2874.27	1SLU	-133.02	1SLU	-158.07	2SLU	62.92	3SLE R
339Min.	-273	-3321.21	1SLU	-133.02	1SLU	-157.17	2SLU	62.55	3SLE R
339Min.	-336	-1485.44	1SLU	-133.02	1SLU	103.28	4SLE R	62.55	3SLE R
339Min.	3027	-1951.04	1SLU	-133.02	1SLU	103.95	4SLE R	62.92	3SLE R
339Max	-273	-2046.86	4SLE R	-94.06	4SLE R	-110.68	3SLE R	87.86	2SLU
339Max	-269	-2360.86	4SLE R	-94.06	4SLE R	-110.04	3SLE R	87.33	2SLU
339Max	-334	-977.06	4SLE R	-94.06	4SLE R	144.20	1SLU	87.33	2SLU
339Max	-336	-1308.34	4SLE R	-94.06	4SLE R	145.06	1SLU	87.86	2SLU
339Min.	-273	-2846.29	1SLU	-133.03	1SLU	-157.17	2SLU	62.55	3SLE R
339Min.	-269	-3293.28	1SLU	-133.03	1SLU	-156.27	2SLU	62.17	3SLE R
339Min.	-334	-1457.49	1SLU	-133.03	1SLU	102.61	4SLE R	62.17	3SLE R
339Min.	-336	-1923.08	1SLU	-133.03	1SLU	103.28	4SLE R	62.55	3SLE R
340Max	2003	-3148.92	4SLE R	-95.56	4SLE R	1.55	1SLU	-0.26	4SLE R
340Max	2004	-3381.58	4SLE R	-95.56	4SLE R	2.50	1SLU	-0.69	4SLE R
340Max	3007	-1934.78	4SLE R	-95.56	4SLE R	-0.64	3SLE R	-0.69	4SLE R
340Max	3006	-2357.65	4SLE R	-95.56	4SLE R	0.10	2SLU	-0.26	4SLE R
340Min.	2003	-4681.88	1SLU	-144.37	1SLU	0.97	4SLE R	-0.42	1SLU
340Min.	2004	-5019.53	1SLU	-144.37	1SLU	1.71	4SLE R	-0.98	1SLU
340Min.	3007	-3069.58	1SLU	-144.37	1SLU	-0.90	2SLU	-0.98	1SLU
340Min.	3006	-3722.33	1SLU	-144.37	1SLU	0.07	3SLE R	-0.42	1SLU
340Max	2002	-2704.69	4SLE R	-68.71	4SLE R	0.63	1SLU	0.07	2SLU
340Max	2003	-2880.53	4SLE R	-68.71	4SLE R	1.23	1SLU	-0.21	4SLE R
340Max	3006	-1757.36	4SLE R	-68.71	4SLE R	0.08	2SLU	-0.21	4SLE R
340Max	3005	-2052.84	4SLE R	-68.71	4SLE R	0.71	2SLU	0.07	2SLU
340Min.	2002	-4054.80	1SLU	-103.81	1SLU	0.30	4SLE R	0.01	1SLU
340Min.	2003	-4311.76	1SLU	-103.81	1SLU	0.77	4SLE R	-0.34	1SLU
340Min.	3006	-2801.93	1SLU	-103.81	1SLU	0.06	3SLE R	-0.34	1SLU
340Min.	3005	-3257.10	1SLU	-103.81	1SLU	0.50	3SLE R	0.01	1SLU
341Max	2005	-3187.58	4SLE R	64.68	1SLU	2.03	1SLU	-0.20	4SLE R
341Max	2006	-3191.03	4SLE R	64.68	1SLU	2.98	1SLU	-0.63	4SLE R
341Max	3009	-2196.24	4SLE R	64.68	1SLU	-0.06	3SLE R	-0.63	4SLE R
341Max	3008	-1944.29	4SLE R	64.68	1SLU	0.92	2SLU	-0.20	4SLE R
341Min.	2005	-4759.46	1SLU	36.22	4SLE R	1.35	4SLE R	-0.34	1SLU
341Min.	2006	-4733.50	1SLU	36.22	4SLE R	2.09	4SLE R	-0.89	1SLU
341Min.	3009	-3500.61	1SLU	36.22	4SLE R	-0.09	2SLU	-0.89	1SLU
341Min.	3008	-3082.85	1SLU	36.22	4SLE R	0.65	3SLE R	-0.34	1SLU
341Max	2006	-2933.62	4SLE R	50.06	1SLU	2.47	1SLU	-0.52	4SLE R
341Max	2007	-2924.79	4SLE R	50.06	1SLU	3.12	1SLU	-0.82	4SLE R
341Max	3010	-2094.99	4SLE R	50.06	1SLU	-0.54	3SLE R	-0.82	4SLE R
341Max	3009	-1911.23	4SLE R	50.06	1SLU	-0.05	3SLE R	-0.52	4SLE R
341Min.	2006	-4391.43	1SLU	28.07	4SLE R	1.73	4SLE R	-0.74	1SLU
341Min.	2007	-4353.89	1SLU	28.07	4SLE R	2.24	4SLE R	-1.12	1SLU
341Min.	3010	-3321.68	1SLU	28.07	4SLE R	-0.76	2SLU	-1.12	1SLU
341Min.	3009	-3015.78	1SLU	28.07	4SLE R	-0.07	2SLU	-0.74	1SLU
342Max	2008	-1322.97	4SLE R	-244.08	4SLE R	-7.24	4SLE R	7.75	1SLU
342Max	-246	-2128.47	4SLE R	-244.08	4SLE R	-6.53	4SLE R	7.22	1SLU
342Max	-318	-191.53	4SLE R	-244.08	4SLE R	14.97	1SLU	7.22	1SLU
342Max	3011	-1060.43	4SLE R	-244.08	4SLE R	15.88	1SLU	7.75	1SLU
342Min.	2008	-1904.16	1SLU	-349.79	1SLU	-10.71	1SLU	5.31	4SLE R
342Min.	-246	-3029.45	1SLU	-349.79	1SLU	-9.79	1SLU	4.89	4SLE R
342Min.	-318	-400.00	1SLU	-349.79	1SLU	10.24	4SLE R	4.89	4SLE R
342Min.	3011	-1674.27	1SLU	-349.79	1SLU	10.96	4SLE R	5.31	4SLE R





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342Max	-246	-1227.87	4SLE R	-244.08	4SLE R	-6.53	4SLE R	7.22	1SLU
342Max	2020	-2033.36	4SLE R	-244.08	4SLE R	-5.81	4SLE R	6.68	1SLU
342Max	3013	-96.43	4SLE R	-244.08	4SLE R	14.05	1SLU	6.68	1SLU
342Max	-318	-965.32	4SLE R	-244.08	4SLE R	14.97	1SLU	7.22	1SLU
342Min.	-246	-1680.70	1SLU	-349.79	1SLU	-9.79	1SLU	4.89	4SLE R
342Min.	2020	-2805.99	1SLU	-349.79	1SLU	-8.87	1SLU	4.47	4SLE R
342Min.	3013	-176.55	1SLU	-349.79	1SLU	9.53	4SLE R	4.47	4SLE R
342Min.	-318	-1450.81	1SLU	-349.79	1SLU	10.24	4SLE R	4.89	4SLE R
343Max	2020	-471.69	4SLE R	-21.67	4SLE R	6.10	1SLU	-2.59	4SLE R
343Max	2021	-527.17	4SLE R	-21.67	4SLE R	6.20	1SLU	-2.64	4SLE R
343Max	3014	-86.27	4SLE R	-21.67	4SLE R	-4.64	4SLE R	-2.64	4SLE R
343Max	3013	-179.43	4SLE R	-21.67	4SLE R	-4.56	4SLE R	-2.59	4SLE R
343Min.	2020	-628.79	1SLU	-32.39	1SLU	4.33	4SLE R	-3.71	1SLU
343Min.	2021	-713.67	1SLU	-32.39	1SLU	4.41	4SLE R	-3.77	1SLU
343Min.	3014	-126.03	1SLU	-32.39	1SLU	-6.75	1SLU	-3.77	1SLU
343Min.	3013	-263.33	1SLU	-32.39	1SLU	-6.64	1SLU	-3.71	1SLU
344Max	2022	-1089.89	4SLE R	-139.47	4SLE R	0.24	2SLU	-0.19	3SLE R
344Max	2023	-1541.76	4SLE R	-139.47	4SLE R	0.58	2SLU	-0.34	3SLE R
344Max	3016	-411.24	4SLE R	-139.47	4SLE R	-0.89	3SLE R	-0.34	3SLE R
344Max	3015	-916.16	4SLE R	-139.47	4SLE R	-0.65	3SLE R	-0.19	3SLE R
344Min.	2022	-1585.69	1SLU	-196.29	1SLU	0.02	3SLE R	-0.36	2SLU
344Min.	2023	-2215.17	1SLU	-196.29	1SLU	0.26	3SLE R	-0.56	2SLU
344Min.	3016	-694.12	1SLU	-196.29	1SLU	-1.34	2SLU	-0.56	2SLU
344Min.	3015	-1411.21	1SLU	-196.29	1SLU	-1.00	2SLU	-0.36	2SLU
345Max	-262	-1268.25	4SLE R	-17.63	3SLE R	-10.53	4SLE R	9.23	1SLU
345Max	-267	-1311.24	4SLE R	-17.63	3SLE R	-10.15	4SLE R	8.95	1SLU
345Max	-333	-448.57	4SLE R	-17.63	3SLE R	16.34	1SLU	8.95	1SLU
345Max	-330	-535.97	4SLE R	-17.63	3SLE R	16.82	1SLU	9.23	1SLU
345Min.	-262	-1781.54	1SLU	-27.22	2SLU	-14.84	1SLU	6.49	4SLE R
345Min.	-267	-1831.99	1SLU	-27.22	2SLU	-14.36	1SLU	6.27	4SLE R
345Min.	-333	-708.98	1SLU	-27.22	2SLU	11.35	4SLE R	6.27	4SLE R
345Min.	-330	-831.11	1SLU	-27.22	2SLU	11.73	4SLE R	6.49	4SLE R
345Max	2023	-1932.67	4SLE R	-16.17	3SLE R	-15.15	3SLE R	13.12	1SLU
345Max	-252	-1959.67	4SLE R	-16.17	3SLE R	-14.56	3SLE R	12.65	1SLU
345Max	-321	-873.60	4SLE R	-16.17	3SLE R	22.97	1SLU	12.65	1SLU
345Max	3016	-973.60	4SLE R	-16.17	3SLE R	23.76	1SLU	13.12	1SLU
345Min.	2023	-2777.93	1SLU	-26.92	2SLU	-21.31	2SLU	9.32	4SLE R
345Min.	-252	-2799.27	1SLU	-26.92	2SLU	-20.47	2SLU	8.96	4SLE R
345Min.	-321	-1389.69	1SLU	-26.92	2SLU	16.13	4SLE R	8.96	4SLE R
345Min.	3016	-1528.84	1SLU	-26.92	2SLU	16.75	4SLE R	9.32	4SLE R
345Max	-252	-1819.85	4SLE R	-18.18	3SLE R	-14.56	3SLE R	12.65	1SLU
345Max	-259	-1853.52	4SLE R	-18.18	3SLE R	-13.97	3SLE R	12.19	1SLU
345Max	-328	-760.77	4SLE R	-18.18	3SLE R	22.18	1SLU	12.19	1SLU
345Max	-321	-867.45	4SLE R	-18.18	3SLE R	22.97	1SLU	12.65	1SLU
345Min.	-252	-2596.42	1SLU	-29.62	2SLU	-20.47	2SLU	8.96	4SLE R
345Min.	-259	-2627.39	1SLU	-29.62	2SLU	-19.64	2SLU	8.60	4SLE R
345Min.	-328	-1208.17	1SLU	-29.62	2SLU	15.51	4SLE R	8.60	4SLE R
345Min.	-321	-1356.96	1SLU	-29.62	2SLU	16.13	4SLE R	8.96	4SLE R
345Max	-267	-1196.04	4SLE R	-21.00	3SLE R	-10.15	4SLE R	8.95	1SLU
345Max	2038	-1250.16	4SLE R	-21.00	3SLE R	-9.77	4SLE R	8.67	1SLU
345Max	3024	-376.35	4SLE R	-21.00	3SLE R	15.86	1SLU	8.67	1SLU
345Max	-333	-474.89	4SLE R	-21.00	3SLE R	16.34	1SLU	8.95	1SLU
345Min.	-267	-1665.94	1SLU	-31.73	2SLU	-14.36	1SLU	6.27	4SLE R
345Min.	2038	-1732.46	1SLU	-31.73	2SLU	-13.87	1SLU	6.05	4SLE R
345Min.	3024	-593.38	1SLU	-31.73	2SLU	10.97	4SLE R	6.05	4SLE R
345Min.	-333	-731.59	1SLU	-31.73	2SLU	11.35	4SLE R	6.27	4SLE R
345Max	-259	-1339.42	4SLE R	-14.89	3SLE R	-10.90	3SLE R	9.51	1SLU
345Max	-262	-1373.33	4SLE R	-14.89	3SLE R	-10.53	4SLE R	9.23	1SLU
345Max	-330	-519.74	4SLE R	-14.89	3SLE R	16.82	1SLU	9.23	1SLU
345Max	-328	-598.06	4SLE R	-14.89	3SLE R	17.30	1SLU	9.51	1SLU
345Min.	-259	-1895.62	1SLU	-23.55	2SLU	-15.33	2SLU	6.71	4SLE R
345Min.	-262	-1932.97	1SLU	-23.55	2SLU	-14.84	1SLU	6.49	4SLE R
345Min.	-330	-823.06	1SLU	-23.55	2SLU	11.73	4SLE R	6.49	4SLE R
345Min.	-328	-932.09	1SLU	-23.55	2SLU	12.10	4SLE R	6.71	4SLE R
345Max	2038	-367.06	4SLE R	-2.74	3SLE R	-3.08	4SLE R	2.73	1SLU
345Max	2041	-374.75	4SLE R	-2.74	3SLE R	-3.04	4SLE R	2.70	1SLU
345Max	3025	-114.05	4SLE R	-2.74	3SLE R	4.95	1SLU	2.70	1SLU
345Max	3024	-126.13	4SLE R	-2.74	3SLE R	4.99	1SLU	2.73	1SLU
345Min.	2038	-507.30	1SLU	-4.10	2SLU	-4.37	1SLU	1.90	4SLE R



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345Min.	2041	-517.08	1SLU	-4.10	2SLU	-4.32	1SLU	1.88	4SLE R
345Min.	3025	-177.69	1SLU	-4.10	2SLU	3.42	4SLE R	1.88	4SLE R
345Min.	3024	-194.56	1SLU	-4.10	2SLU	3.45	4SLE R	1.90	4SLE R
346Max	2038	-2140.83	4SLE R	370.69	1SLU	-1.47	3SLE R	1.74	2SLU
346Max	-271	-1327.57	4SLE R	370.69	1SLU	-0.80	3SLE R	1.20	2SLU
346Max	-335	-1126.53	4SLE R	370.69	1SLU	2.69	2SLU	1.20	2SLU
346Max	3024	-165.54	4SLE R	370.69	1SLU	3.63	2SLU	1.74	2SLU
346Min.	2038	-3002.85	1SLU	258.64	4SLE R	-2.35	2SLU	1.17	3SLE R
346Min.	-271	-1853.40	1SLU	258.64	4SLE R	-1.41	2SLU	0.78	3SLE R
346Min.	-335	-1710.24	1SLU	258.64	4SLE R	1.86	3SLE R	0.78	3SLE R
346Min.	3024	-316.77	1SLU	258.64	4SLE R	2.53	3SLE R	1.17	3SLE R
346Max	-271	-2362.33	4SLE R	370.68	1SLU	-0.80	3SLE R	1.20	2SLU
346Max	2037	-1549.12	4SLE R	370.68	1SLU	-0.14	3SLE R	0.65	2SLU
346Max	3023	-1348.05	4SLE R	370.68	1SLU	1.79	1SLU	0.65	2SLU
346Max	-335	-387.06	4SLE R	370.68	1SLU	2.69	2SLU	1.20	2SLU
346Min.	-271	-3368.74	1SLU	258.63	4SLE R	-1.41	2SLU	0.78	3SLE R
346Min.	2037	-2219.37	1SLU	258.63	4SLE R	-0.47	2SLU	0.39	3SLE R
346Min.	3023	-2076.18	1SLU	258.63	4SLE R	1.16	4SLE R	0.39	3SLE R
346Min.	-335	-682.70	1SLU	258.63	4SLE R	1.86	3SLE R	0.78	3SLE R
347Max	2049	-1794.61	4SLE R	192.42	1SLU	-23.05	3SLE R	9.35	2SLU
347Max	2048	-1362.57	4SLE R	192.42	1SLU	-22.78	3SLE R	9.13	2SLU
347Max	3031	-1121.96	4SLE R	192.42	1SLU	-0.02	3SLE R	9.13	2SLU
347Max	3032	-646.08	4SLE R	192.42	1SLU	0.36	2SLU	9.35	2SLU
347Min.	2049	-2605.18	1SLU	132.35	4SLE R	-31.72	2SLU	6.79	3SLE R
347Min.	2048	-1987.25	1SLU	132.35	4SLE R	-31.33	2SLU	6.63	3SLE R
347Min.	3031	-1744.31	1SLU	132.35	4SLE R	-0.03	2SLU	6.63	3SLE R
347Min.	3032	-1042.22	1SLU	132.35	4SLE R	0.25	3SLE R	6.79	3SLE R
347Max	2050	-1423.14	4SLE R	140.28	1SLU	-19.40	3SLE R	7.95	2SLU
347Max	2049	-1107.42	4SLE R	140.28	1SLU	-19.21	3SLE R	7.80	2SLU
347Max	3032	-859.55	4SLE R	140.28	1SLU	0.30	2SLU	7.80	2SLU
347Max	3033	-513.39	4SLE R	140.28	1SLU	0.57	2SLU	7.95	2SLU
347Min.	2050	-2043.07	1SLU	96.48	4SLE R	-26.71	2SLU	5.77	3SLE R
347Min.	2049	-1591.15	1SLU	96.48	4SLE R	-26.44	2SLU	5.66	3SLE R
347Min.	3032	-1319.84	1SLU	96.48	4SLE R	0.21	3SLE R	5.66	3SLE R
347Min.	3033	-809.48	1SLU	96.48	4SLE R	0.40	3SLE R	5.77	3SLE R
347Max	2048	-3179.20	4SLE R	408.82	1SLU	-37.27	3SLE R	14.92	2SLU
347Max	-278	-2273.29	4SLE R	408.82	1SLU	-36.51	4SLE R	14.35	1SLU
347Max	-340	-2100.91	4SLE R	408.82	1SLU	-0.79	3SLE R	14.35	1SLU
347Max	3031	-1077.49	4SLE R	408.82	1SLU	-0.06	3SLE R	14.92	2SLU
347Min.	2048	-4676.31	1SLU	281.24	4SLE R	-51.27	2SLU	10.85	3SLE R
347Min.	-278	-3386.83	1SLU	281.24	4SLE R	-50.27	1SLU	10.40	4SLE R
347Min.	-340	-3310.93	1SLU	281.24	4SLE R	-1.11	2SLU	10.40	4SLE R
347Min.	3031	-1795.89	1SLU	281.24	4SLE R	-0.08	2SLU	10.85	3SLE R
348Max	-277	-4346.72	4SLE R	123.26	2SLU	-36.73	4SLE R	14.88	2SLU
348Max	2047	-3777.01	4SLE R	123.26	2SLU	-35.96	4SLE R	14.31	1SLU
348Max	3030	-2938.19	4SLE R	123.26	2SLU	-0.37	3SLE R	14.31	1SLU
348Max	-339	-2911.44	4SLE R	123.26	2SLU	0.52	2SLU	14.88	2SLU
348Min.	-277	-6513.35	1SLU	85.93	3SLE R	-50.55	1SLU	10.82	3SLE R
348Min.	2047	-5720.61	1SLU	85.93	3SLE R	-49.57	1SLU	10.37	4SLE R
348Min.	3030	-4660.03	1SLU	85.93	3SLE R	-0.52	2SLU	10.37	4SLE R
348Min.	-339	-4617.61	1SLU	85.93	3SLE R	0.37	3SLE R	10.82	3SLE R
349Max	2045	-3555.86	4SLE R	1614.66	2SLU	-0.90	4SLE R	0.39	1SLU
349Max	-276	2112.34	2SLU	1614.66	2SLU	-0.41	4SLE R	0.03	1SLU
349Max	-338	-1619.72	4SLE R	1614.66	2SLU	-0.48	3SLE R	0.03	1SLU
349Max	3028	1841.13	2SLU	1614.66	2SLU	-0.02	3SLE R	0.39	1SLU
349Min.	2045	-5194.42	1SLU	1149.27	3SLE R	-1.35	1SLU	0.26	4SLE R
349Min.	-276	1201.86	3SLE R	1149.27	3SLE R	-0.73	1SLU	-0.02	4SLE R
349Min.	-338	-2585.54	1SLU	1149.27	3SLE R	-0.67	2SLU	-0.02	4SLE R
349Min.	3028	1068.67	3SLE R	1149.27	3SLE R	-0.02	2SLU	0.26	4SLE R
349Max	2046	-7382.45	4SLE R	1798.87	2SLU	-1.51	4SLE R	0.83	1SLU
349Max	2045	-1760.51	4SLE R	1798.87	2SLU	-0.96	4SLE R	0.41	1SLU
349Max	3028	-5228.76	4SLE R	1798.87	2SLU	-0.02	3SLE R	0.41	1SLU
349Max	3029	-1984.83	4SLE R	1798.87	2SLU	0.72	2SLU	0.83	1SLU
349Min.	2046	-10525.90	1SLU	1280.38	3SLE R	-2.15	1SLU	0.60	4SLE R
349Min.	2045	-2766.38	1SLU	1280.38	3SLE R	-1.44	1SLU	0.27	4SLE R
349Min.	3028	-7620.59	1SLU	1280.38	3SLE R	-0.02	2SLU	0.27	4SLE R
349Min.	3029	-3163.49	1SLU	1280.38	3SLE R	0.51	3SLE R	0.60	4SLE R
350Max	2031	-1746.31	4SLE R	1021.64	2SLU	-2.49	4SLE R	2.12	1SLU
350Max	-253	1299.98	2SLU	1021.64	2SLU	-2.28	4SLE R	1.97	1SLU



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350Max	-322	-1041.17	4SLE R	1021.64	2SLU	3.43	1SLU	1.97	1SLU
350Max	3020	1885.33	2SLU	1021.64	2SLU	3.69	1SLU	2.12	1SLU
350Min.	2031	-2698.90	1SLU	727.36	3SLE R	-3.57	1SLU	1.48	4SLE R
350Min.	-253	623.96	3SLE R	727.36	3SLE R	-3.32	1SLU	1.36	4SLE R
350Min.	-322	-1817.33	1SLU	727.36	3SLE R	2.39	4SLE R	1.36	4SLE R
350Min.	3020	1116.18	3SLE R	727.36	3SLE R	2.59	4SLE R	1.48	4SLE R
350Max	2030	-4040.84	4SLE R	2066.27	2SLU	-4.25	4SLE R	3.57	1SLU
350Max	2031	1931.25	2SLU	2066.27	2SLU	-3.78	4SLE R	3.22	1SLU
350Max	3020	-2869.18	4SLE R	2066.27	2SLU	5.62	1SLU	3.22	1SLU
350Max	3019	2685.67	2SLU	2066.27	2SLU	6.21	2SLU	3.57	1SLU
350Min.	2030	-5745.75	1SLU	1471.03	3SLE R	-6.04	1SLU	2.53	4SLE R
350Min.	2031	1087.76	3SLE R	1471.03	3SLE R	-5.44	1SLU	2.25	4SLE R
350Min.	3020	-4304.08	1SLU	1471.03	3SLE R	3.95	4SLE R	2.25	4SLE R
350Min.	3019	1765.42	3SLE R	1471.03	3SLE R	4.41	3SLE R	2.53	4SLE R
351Max	2032	-2288.78	4SLE R	-35.05	4SLE R	-1.09	4SLE R	0.46	1SLU
351Max	-254	-2464.01	4SLE R	-35.05	4SLE R	-0.91	4SLE R	0.33	1SLU
351Max	-323	-1800.48	4SLE R	-35.05	4SLE R	-0.08	3SLE R	0.33	1SLU
351Max	3021	-1865.69	4SLE R	-35.05	4SLE R	0.12	2SLU	0.46	1SLU
351Min.	2032	-3489.98	1SLU	-51.12	1SLU	-1.47	1SLU	0.34	4SLE R
351Min.	-254	-3737.26	1SLU	-51.12	1SLU	-1.25	1SLU	0.24	4SLE R
351Min.	-323	-2855.60	1SLU	-51.12	1SLU	-0.12	2SLU	0.24	4SLE R
351Min.	3021	-2959.03	1SLU	-51.12	1SLU	0.08	3SLE R	0.34	4SLE R
352Max	-258	-1993.15	4SLE R	-286.11	4SLE R	-0.45	4SLE R	0.00	3SLE R
352Max	2033	-2900.47	4SLE R	-286.11	4SLE R	0.47	2SLU	-0.39	3SLE R
352Max	3022	-832.49	4SLE R	-286.11	4SLE R	-1.16	4SLE R	-0.39	3SLE R
352Max	-327	-1887.89	4SLE R	-286.11	4SLE R	-0.46	4SLE R	0.00	3SLE R
352Min.	-258	-2961.05	1SLU	-405.73	1SLU	-0.59	1SLU	-0.10	2SLU
352Min.	2033	-4230.50	1SLU	-405.73	1SLU	0.14	3SLE R	-0.65	2SLU
352Min.	3022	-1426.23	1SLU	-405.73	1SLU	-1.79	1SLU	-0.65	2SLU
352Min.	-327	-2940.10	1SLU	-405.73	1SLU	-0.89	1SLU	-0.10	2SLU
353Max	-256	-3728.29	4SLE R	-53.74	3SLE R	-1.39	4SLE R	0.56	1SLU
353Max	-257	-4248.55	4SLE R	-53.74	3SLE R	-0.68	4SLE R	0.04	1SLU
353Max	-326	-2925.78	4SLE R	-53.74	3SLE R	-0.67	3SLE R	0.04	1SLU
353Max	-325	-2877.81	4SLE R	-53.74	3SLE R	0.00	4SLE R	0.56	1SLU
353Min.	-256	-5631.08	1SLU	-98.35	2SLU	-1.93	1SLU	0.40	4SLE R
353Min.	-257	-6312.57	1SLU	-98.35	2SLU	-1.03	1SLU	-0.02	2SLU
353Min.	-326	-4640.35	1SLU	-98.35	2SLU	-0.94	2SLU	-0.02	2SLU
353Min.	-325	-4478.08	1SLU	-98.35	2SLU	0.00	1SLU	0.40	4SLE R
353Max	-255	-2876.02	4SLE R	-53.74	3SLE R	-2.09	4SLE R	1.09	1SLU
353Max	-256	-3396.27	4SLE R	-53.74	3SLE R	-1.39	4SLE R	0.56	1SLU
353Max	-325	-2073.50	4SLE R	-53.74	3SLE R	0.00	4SLE R	0.56	1SLU
353Max	-324	-2025.54	4SLE R	-53.74	3SLE R	0.94	2SLU	1.09	1SLU
353Min.	-255	-4365.57	1SLU	-98.35	2SLU	-2.83	1SLU	0.81	4SLE R
353Min.	-256	-5047.02	1SLU	-98.35	2SLU	-1.93	1SLU	0.40	4SLE R
353Min.	-325	-3374.82	1SLU	-98.35	2SLU	0.00	1SLU	0.40	4SLE R
353Min.	-324	-3212.55	1SLU	-98.35	2SLU	0.67	3SLE R	0.81	4SLE R
370Max	2037	-1550.50	4SLE R	12.73	2SLU	13.87	1SLU	-6.05	4SLE R
370Max	-266	-1544.94	4SLE R	12.73	2SLU	14.35	1SLU	-6.27	4SLE R
370Max	-332	-775.21	4SLE R	12.73	2SLU	-11.35	4SLE R	-6.27	4SLE R
370Max	3023	-725.27	4SLE R	12.73	2SLU	-10.97	4SLE R	-6.05	4SLE R
370Min.	2037	-2238.23	1SLU	7.64	3SLE R	9.77	4SLE R	-8.67	1SLU
370Min.	-266	-2232.74	1SLU	7.64	3SLE R	10.14	4SLE R	-8.95	1SLU
370Min.	-332	-1237.35	1SLU	7.64	3SLE R	-16.34	1SLU	-8.95	1SLU
370Min.	3023	-1160.18	1SLU	7.64	3SLE R	-15.86	1SLU	-8.67	1SLU
370Max	-266	-1617.05	4SLE R	12.74	2SLU	14.35	1SLU	-6.27	4SLE R
370Max	-261	-1611.47	4SLE R	12.74	2SLU	14.83	1SLU	-6.48	4SLE R
370Max	-329	-841.77	4SLE R	12.74	2SLU	-11.72	4SLE R	-6.48	4SLE R
370Max	-332	-791.80	4SLE R	12.74	2SLU	-11.35	4SLE R	-6.27	4SLE R
370Min.	-266	-2345.73	1SLU	7.65	3SLE R	10.14	4SLE R	-8.95	1SLU
370Min.	-261	-2340.21	1SLU	7.65	3SLE R	10.52	4SLE R	-9.23	1SLU
370Min.	-329	-1344.85	1SLU	7.65	3SLE R	-16.82	1SLU	-9.23	1SLU
370Min.	-332	-1267.65	1SLU	7.65	3SLE R	-16.34	1SLU	-8.95	1SLU
370Max	-261	-1683.66	4SLE R	12.74	2SLU	14.83	1SLU	-6.48	4SLE R
370Max	2033	-1678.07	4SLE R	12.74	2SLU	15.31	2SLU	-6.70	4SLE R
370Max	3022	-908.38	4SLE R	12.74	2SLU	-12.10	4SLE R	-6.70	4SLE R
370Max	-329	-858.40	4SLE R	12.74	2SLU	-11.72	4SLE R	-6.48	4SLE R
370Min.	-261	-2453.30	1SLU	7.65	3SLE R	10.52	4SLE R	-9.23	1SLU
370Min.	2033	-2447.78	1SLU	7.65	3SLE R	10.89	3SLE R	-9.51	1SLU
370Min.	3022	-1452.44	1SLU	7.65	3SLE R	-17.30	1SLU	-9.51	1SLU



370Min.	-329	-1375.21	1SLU	7.65	3SLE R	-16.82	1SLU	-9.23	1SLU
371Max	-275	2354.73	2SLU	-1732.80	3SLE R	5.92	1SLU	-2.45	4SLE R
371Max	2044	-4711.19	4SLE R	-1732.80	3SLE R	6.65	1SLU	-2.78	4SLE R
371Max	3027	3140.92	2SLU	-1732.80	3SLE R	-4.86	3SLE R	-2.78	4SLE R
371Max	-337	-3388.81	4SLE R	-1732.80	3SLE R	-4.29	4SLE R	-2.45	4SLE R
371Min.	-275	1363.44	3SLE R	-2434.18	2SLU	4.11	4SLE R	-3.51	1SLU
371Min.	2044	-6664.50	1SLU	-2434.18	2SLU	4.68	4SLE R	-3.93	1SLU
371Min.	3027	2086.29	3SLE R	-2434.18	2SLU	-6.84	2SLU	-3.93	1SLU
371Min.	-337	-5044.26	1SLU	-2434.18	2SLU	-6.12	1SLU	-3.51	1SLU

## Criteri di progetto utilizzati

### Murature

Generali	
<b>Individuazione maschi per verifiche sismiche</b>	
Metodo di individuazione	Assemblando per ogni piano gli elementi continui tra due aperture
<b>Verifiche per azioni statiche</b>	
Calcolo dei momenti	Con momenti ricalcolati con metodo semplificato
Esegui verifiche a pressoflessione e a taglio nel piano	No
Esegui verifiche anche in sommità dell'ultimo piano	No
<b>Verifiche per azioni sismiche</b>	
Trascura eccentricità aggiuntive (D.M. 92/96)	Si
Trascura tagli e momenti statici nel piano	Si
Esegui verifiche anche in sommità dell'ultimo piano	No
Considera il segno della sollecitazione dinamica uguale a quello dell'azione statica	No
<b>Analisi sismica non lineare</b>	
Considera collaboranti anche pilastri in c.a. o acciaio	No
Considera collaboranti anche pareti in c.a.	No
Comportamento cordoli in c.a. o acciaio	Trascura resistenza in presenza di fasce in muratura
Crea collegamenti fra pareti	No
Calcola con zone rigide	Si
-Valuta spostamenti ultimi al netto delle zone rigide	Si
-Valuta spostamenti ultimi trascurando le rotazioni rigide	Si
Calcola spostamenti di danno e operatività a livello di maschio	Si
-Valuta spostamenti al netto delle zone rigide	Si
-Valuta spostamenti trascurando le rotazioni rigide	Si
<b>Verifiche dei cinematismi (meccanismi locali di collasso)</b>	
Verifica cinematismi	Si
Tipo di analisi	-Cinematica non lineare
-Verifica anche stato limite di danno	No
Verifica cinematismi con cunei di rottura (pareti ben ammortate)	-Sempre
-Considera solo cunei di rottura interessanti tutto il cinematismo	No
-Angolo di generazione del cuneo di rottura <grad>	30.00
Verifica cinematismi senza cunei di rottura	-Sempre
-Verifica cinematismi a flessione verticale	Si
<b>Parametri di disegno muratura armata</b>	
Eliminare le quotature esterne ed interne	No
Eliminare le quotature dei pilastri	No
Eliminare le dimensioni delle travi e dei muri	Si
Eliminare la numerazione delle travi e dei muri	Si
Eliminare le campiture	Si
Eliminare il disegno del cerchio intorno al numero del pilastro	No
<b>Stampe</b>	
Stampa dettaglio evoluzione per passi	No
-Stampa dettaglio evoluzione per elementi	No
-Stampa solo passi significativi	Si
Raggruppa in un'unica tabella	Si
Riporta in relazione il disegno dello schema del cinematismo	Si



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Riporta in relazione il disegno della curva carico-spostamento		Si
<b>Specifici</b>	<b>7</b>	<b>8</b>
<b>Materiali</b>		
Muratura		
-Considera come elementi esistenti	Si	Si
-Livello di conoscenza	LC1	LC1
-Fattore di confidenza	1.35	1.35
Resistenza a taglio		
-Scorrimento		x
-Fessurazione diagonale su tessitura irregolare	x	
-Fessurazione diagonale su tessitura regolare		
-Resistenza caratteristica a compressione nulla ( $f_{vk0}$ ) <daN/cm <sup>2</sup> >	3.00	2.00
-Resistenza caratteristica massima a taglio ( $f_{vk,lim}$ ) <daN/cm <sup>2</sup> >	6.50	6.50
-Resistenza media a compressione nulla ( $f_0$ ) <daN/cm <sup>2</sup> >	0.80	0.80
-Resistenza media a compressione nulla ( $f_{v0}$ ) <daN/cm <sup>2</sup> >	2.00	2.00
-Coefficiente di attrito ( $\mu$ )	0.58	0.58
-Coefficiente di ingranamento ( $\phi$ )	1.00	1.00
-Resistenza a trazione blocchi ( $f_{bt}$ ) <daN/cm <sup>2</sup> >	40.00	40.00
-Resistenza a compressione ( $f_k$ ) <daN/cm <sup>2</sup> >	50.00	50.00
-Resistenza a compressione per forze orizzontali ( $f_{hk}$ ) <daN/cm <sup>2</sup> >	5.00	5.00
-Modulo elastico (E) <daN/cm <sup>2</sup> >	45500.00	45500.00
-Modulo elastico tangenziale (G) <daN/cm <sup>2</sup> >	11375.00	11375.00
-Acciaio per muratura armata		
-Tipo di acciaio (B450A÷B450C)	B450C	B450C
-Modulo elastico <daN/cm <sup>2</sup> >	2.06E+06	2.06E+06
-Tensione caratteristica di snervamento ( $F_{yk}$ ) <daN/cm <sup>2</sup> >	4500.00	4500.00
- $\gamma_s$ per stati limite ultimi		
-Automatico	x	x
-Pari a		
<b>Verifiche per azioni statiche</b>		
Coeff. $\gamma$ per verifiche per carichi verticali secondo D.M. 18	3.00	3.00
Lunghezza appoggio solai		
-Pari a <cm>		
-Come multiplo dello spessore del maschio pari a	0.66	0.66
Trascura eccentricità per solai continui	Si	Si
<b>Verifiche per azioni sismiche</b>		
Coeff. $\gamma$ per verifiche per azioni sismiche secondo D.M. 18	3.00	3.00
Resistenza ad azioni sismiche nel piano		
-Maschio non resistente		
-Maschio non resistente se L/H minore di	0.30	0.30
Considera appoggio sui solai anche per carichi sismici	Si	Si
<b>Comportamento maschi</b>		
Plasticizzazione per taglio	Si	Si
Rottura a taglio	Si	Si
-Spostamento ultimo per muratura esistente <%>	0.50	0.50
-Spostamento ultimo per muratura nuova <%>	0.50	0.50
Plasticizzazione per pressoflessione	Si	Si
Rottura per pressoflessione	Si	Si
-Spostamento ultimo per muratura esistente <%>	1.00	1.00
-Spostamento ultimo per muratura nuova <%>	1.00	1.00
<b>Comportamento fasce in muratura</b>		
Fascia in muratura sopra il piano		
-Trascura completamente resistenza		
-Considera solo in presenza di cordolo/architrave sotto il piano in c.a. o acciaio	x	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>		
Fascia in muratura sotto il piano		
-Trascura completamente resistenza		
-Considera solo in presenza di cordolo/architrave sotto il piano in c.a. o acciaio		
-Considera solo in presenza di cordolo/architrave sopra/sotto il piano in c.a. o acciaio	x	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>		



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Modalità di rottura a taglio		
-Comportamento elastico plastico indefinito		
-Comportamento elastico plastico-fragile	x	x
-Comportamento elastico-fragile		
-Spostamento ultimo per muratura esistente <%>	1.50	1.50
-Spostamento ultimo per muratura nuova <%>	1.50	1.50
Modalità di rottura per pressoflessione		
-Comportamento elastico plastico indefinito		
-Comportamento elastico plastico-fragile	x	x
-Comportamento elastico-fragile		
-Spostamento ultimo per muratura esistente <%>	1.50	1.50
-Spostamento ultimo per muratura nuova <%>	1.50	1.50
<b>Parametri di progetto muratura armata</b>		
Armatura verticale concentrata negli incroci/spigoli		
-Diametro <mm>	16.00	16.00
-Armatura nella prima posizione		
-Tipo 1	x	x
-Tipo 2		
-Tipo 3		
-Tipo 4		
-Tipo 5		
-Distanza fra ferri <cm>	2.00	2.00
-Armatura nella seconda posizione	No	No
-Tipo 1	x	x
-Tipo 2		
-Tipo 3		
-Tipo 4		
-Tipo 5		
-Distanza dalla prima posizione <cm>	25.00	25.00
-Distanza fra ferri <cm>	2.00	2.00
-Armatura nella terza posizione	No	No
-Tipo 1	x	x
-Tipo 2		
-Tipo 3		
-Tipo 4		
-Tipo 5		
-Distanza dalla seconda posizione <cm>	25.00	25.00
-Distanza fra ferri <cm>	2.00	2.00
Armatura distribuita		
-Diametro <mm>	10.00	10.00
-Passo <cm>	150.00	150.00
Armatura orizzontale		
-Copriferro <cm>	5.00	5.00
-Diametro <mm>	6.00	6.00
-Passo <cm>	40.00	40.00
Lunghezza ancoraggi armature <m>	1.00	1.00

## Verifiche muratura

### Tabelle riassuntive verifiche

#### Verifiche maschi, fasce e cinematismi

##### Simbologia

Num. =Numero elemento V (ver. statiche), S (ver. sismiche), C (ver. cinematismi)

TG =Tasso di sfruttamento globale

TP =Tasso di sfruttamento per pressoflessione nel piano

TPO =Tasso di sfruttamento per pressoflessione ortogonale al piano

TT =Tasso di sfruttamento per taglio nel piano

Zv =Coordinata Z di verifica

Num.	Zv <m>	TP	TPO	TT	TG
6V	0.00	---	1.07	---	1.07
6V	1.89	---	1.00	---	1.00
6V	3.78	---	1.29	---	1.29



6V	3.78	---	0.41	---	0.41
6V	5.50	---	0.35	---	0.35
4V	0.00	---	1.08	---	1.08
4V	1.89	---	1.68	---	1.68
2V	0.00	---	1.10	---	1.10
2V	1.89	---	1.03	---	1.03
2V	3.78	---	1.33	---	1.33
2V	3.78	---	0.41	---	0.41
2V	5.50	---	0.35	---	0.35
10V	0.00	---	0.48	---	0.48
10V	1.89	---	0.42	---	0.42
14V	0.00	---	0.46	---	0.46
14V	1.89	---	0.39	---	0.39
14V	3.78	---	0.32	---	0.32
14V	3.78	---	0.25	---	0.25
14V	5.50	---	0.19	---	0.19
12V	0.00	---	0.34	---	0.34
12V	1.89	---	0.27	---	0.27
12V	3.78	---	0.20	---	0.20
12V	3.78	---	0.16	---	0.16
12V	5.50	---	0.10	---	0.10
21V	0.00	---	0.62	---	0.62
21V	1.89	---	0.55	---	0.55
21V	3.78	---	0.48	---	0.48
21V	3.78	---	0.28	---	0.28
21V	5.50	---	0.23	---	0.23
20V	0.00	---	0.70	---	0.70
20V	1.89	---	0.63	---	0.63
19V	0.00	---	0.81	---	0.81
19V	1.89	---	0.74	---	0.74
19V	3.78	---	0.67	---	0.67
19V	3.78	---	0.42	---	0.42
19V	5.50	---	0.37	---	0.37
18V	0.00	---	0.91	---	0.91
18V	1.89	---	0.84	---	0.84
17V	0.00	---	0.95	---	0.95
17V	1.89	---	0.88	---	0.88
17V	3.78	---	0.81	---	0.81
17V	3.78	---	0.57	---	0.57
17V	5.50	---	0.52	---	0.52
15V	0.00	---	0.85	---	0.85
15V	1.89	---	0.79	---	0.79
15V	3.78	---	0.72	---	0.72
15V	3.78	---	0.20	---	0.20
15V	5.50	---	0.15	---	0.15
23V	0.00	---	0.52	---	0.52
23V	1.89	---	0.45	---	0.45
23V	3.78	---	0.50	---	0.50
23V	3.78	---	0.21	---	0.21
23V	5.50	---	0.24	---	0.24
31V	0.00	---	0.54	---	0.54
31V	1.89	---	0.47	---	0.47
31V	3.78	---	0.41	---	0.41
31V	3.78	---	0.27	---	0.27
31V	5.50	---	0.21	---	0.21
29V	0.00	---	0.67	---	0.67
29V	1.89	---	0.60	---	0.60
29V	3.78	---	0.53	---	0.53
29V	3.78	---	0.30	---	0.30
29V	5.50	---	0.25	---	0.25
28V	0.00	---	0.77	---	0.77
28V	1.89	---	0.70	---	0.70
27V	0.00	---	0.86	---	0.86
27V	1.89	---	0.79	---	0.79
27V	3.78	---	0.72	---	0.72
27V	3.78	---	0.46	---	0.46
27V	5.50	---	0.41	---	0.41
25V	0.00	---	1.78	---	1.78
25V	1.89	---	1.71	---	1.71





25V	3.78	---	1.64	---	1.64
25V	3.78	---	0.59	---	0.59
25V	5.50	---	0.54	---	0.54
38V	0.00	---	0.23	---	0.23
38V	1.89	---	0.16	---	0.16
36V	0.00	---	0.15	---	0.15
36V	1.89	---	0.09	---	0.09
34V	0.00	---	0.18	---	0.18
34V	1.89	---	0.11	---	0.11
32V	0.00	---	0.22	---	0.22
32V	1.89	---	0.16	---	0.16
63V	0.00	---	0.34	---	0.34
63V	1.89	---	0.28	---	0.28
61V	0.00	---	0.30	---	0.30
61V	1.89	---	0.23	---	0.23
69V	0.00	---	0.32	---	0.32
69V	1.89	---	0.42	---	0.42
67V	0.00	---	0.52	---	0.52
67V	1.89	---	0.75	---	0.75
65V	0.00	---	0.54	---	0.54
65V	1.89	---	0.78	---	0.78
87V	0.00	---	0.29	---	0.29
87V	1.89	---	0.37	---	0.37
85V	0.00	---	0.66	---	0.66
85V	1.89	---	0.97	---	0.97
83V	0.00	---	0.66	---	0.66
83V	1.89	---	0.97	---	0.97
81V	0.00	---	0.39	---	0.39
81V	1.89	---	0.54	---	0.54
79V	0.00	---	0.50	---	0.50
79V	1.89	---	0.71	---	0.71
77V	0.00	---	0.52	---	0.52
77V	1.89	---	0.75	---	0.75
75V	0.00	---	0.60	---	0.60
75V	1.89	---	0.88	---	0.88
73V	0.00	---	0.65	---	0.65
73V	1.89	---	0.95	---	0.95
71V	0.00	---	0.42	---	0.42
71V	1.89	---	0.58	---	0.58
101V	0.00	---	0.16	---	0.16
101V	1.89	---	0.09	---	0.09
99V	0.00	---	0.35	---	0.35
99V	1.89	---	0.28	---	0.28
98V	0.00	---	0.37	---	0.37
98V	1.89	---	0.49	---	0.49
96V	0.00	---	0.57	---	0.57
96V	1.89	---	0.82	---	0.82
94V	0.00	---	0.34	---	0.34
94V	1.89	---	0.44	---	0.44
92V	0.00	---	0.54	---	0.54
92V	1.89	---	0.79	---	0.79
90V	0.00	---	0.40	---	0.40
90V	1.89	---	0.55	---	0.55
88V	0.00	---	0.36	---	0.36
88V	1.89	---	0.49	---	0.49
109V	0.00	---	0.43	---	0.43
109V	1.89	---	0.36	---	0.36
108V	0.00	---	0.35	---	0.35
108V	1.89	---	0.46	---	0.46
106V	0.00	---	0.78	---	0.78
106V	1.89	---	0.71	---	0.71
104V	0.00	---	0.62	---	0.62
104V	1.89	---	0.55	---	0.55
102V	0.00	---	0.45	---	0.45
102V	1.89	---	0.39	---	0.39
115V	0.00	---	0.77	---	0.77
115V	1.89	---	0.70	---	0.70
113V	0.00	---	1.12	---	1.12
113V	1.89	---	1.05	---	1.05

**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

111V	0.00	---	0.69	---	0.69
111V	1.89	---	0.62	---	0.62
116V	0.00	---	0.14	---	0.14
116V	1.89	---	0.07	---	0.07
123V	0.00	---	0.36	---	0.36
123V	1.89	---	0.48	---	0.48
121V	0.00	---	0.31	---	0.31
121V	1.89	---	0.40	---	0.40
120V	0.00	---	0.28	---	0.28
120V	1.89	---	0.34	---	0.34
118V	0.00	---	0.52	---	0.52
118V	1.89	---	0.45	---	0.45
127V	0.00	---	0.18	---	0.18
127V	1.89	---	0.11	---	0.11
130V	0.00	---	0.63	---	0.63
130V	1.89	---	0.56	---	0.56
130V	3.78	---	0.49	---	0.49
130V	3.78	---	0.25	---	0.25
130V	5.50	---	0.19	---	0.19
128V	0.00	---	0.60	---	0.60
128V	1.89	---	0.53	---	0.53
128V	3.78	---	0.47	---	0.47
128V	3.78	---	0.24	---	0.24
128V	5.50	---	0.18	---	0.18
138V	0.00	---	0.38	---	0.38
138V	1.89	---	0.31	---	0.31
138V	3.78	---	0.25	---	0.25
138V	3.78	---	0.18	---	0.18
138V	5.50	---	0.13	---	0.13
139V	0.00	---	0.39	---	0.39
139V	1.89	---	0.33	---	0.33
139V	3.78	---	0.27	---	0.27
139V	3.78	---	0.20	---	0.20
139V	5.50	---	0.15	---	0.15
49V	0.00	---	0.21	---	0.21
49V	1.89	---	0.23	---	0.23
47V	0.00	---	0.50	---	0.50
47V	1.89	---	0.44	---	0.44
45V	0.00	---	0.82	---	0.82
45V	1.89	---	0.75	---	0.75
43V	0.00	---	0.24	---	0.24
43V	1.89	---	0.17	---	0.17
41V	0.00	---	0.19	---	0.19
41V	1.89	---	0.12	---	0.12
39V	0.00	---	0.22	---	0.22
39V	1.89	---	0.15	---	0.15
60V	0.00	---	0.18	---	0.18
60V	1.89	---	0.11	---	0.11
58V	0.00	---	0.14	---	0.14
58V	1.89	---	0.07	---	0.07
56V	0.00	---	0.14	---	0.14
56V	1.89	---	0.07	---	0.07
54V	0.00	---	0.14	---	0.14
54V	1.89	---	0.07	---	0.07
52V	0.00	---	0.22	---	0.22
52V	1.89	---	0.15	---	0.15
50V	0.00	---	0.19	---	0.19
50V	1.89	---	0.12	---	0.12
126V	0.00	---	0.24	---	0.24
126V	1.89	---	0.28	---	0.28
124V	0.00	---	0.27	---	0.27
124V	1.89	---	0.20	---	0.20
134V	0.00	---	0.28	---	0.28
134V	1.89	---	0.23	---	0.23
133V	0.00	---	0.37	---	0.37
133V	1.89	---	0.30	---	0.30
131V	0.00	---	0.64	---	0.64
131V	1.89	---	0.58	---	0.58
137V	0.00	---	0.36	---	0.36



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

137V	1.89	---	0.48	---	0.48
135V	0.00	---	0.55	---	0.55
135V	1.89	---	0.80	---	0.80
143V	0.00	---	0.18	---	0.18
143V	1.89	---	0.11	---	0.11
141V	0.00	---	0.27	---	0.27
141V	1.89	---	0.20	---	0.20

## Verifiche maschi, fasce e cinematismi

### Simbologia

$\Phi_t$	= Coefficiente di riduzione della resistenza per eccentricità trasversale
$\Sigma N_{2dx}$	= Reazione totale dei solai a destra
$\Sigma N_{2sx}$	= Reazione totale dei solai a sinistra
$\lambda$	= Snellezza convenzionale
$\rho$	= Fattore laterale di vincolo
$\tau_0$	= Resistenza media a taglio della muratura a tessitura irregolare in assenza di tensioni normali
$\tau_{0d\ SLU}$	= Resistenza di calcolo a taglio della muratura a tessitura irregolare in assenza di tensioni normali per azioni statiche
$\tau_{0d\ SLV}$	= Resistenza di calcolo a taglio della muratura a tessitura irregolare in assenza di tensioni normali per azioni sismiche
$\zeta_s\ (A_g)$	= Indice di sicurezza in termini di accelerazione
An.	= Tipo di analisi
	L = Lineare
	NL = Non lineare
CC	= Numero della combinazione delle condizioni di carico elementari
Comm.	= Commento
L	= Lunghezza
$M_v$	= Momento flettente dovuto al vento o al sisma
$M_u$	= Momento ultimo
N	= Sforzo normale
N1	= Carico trasmesso dal pannello sovrastante
Nu	= Sforzo normale ultimo
Num.	= Numero elemento V (ver. statiche), S (ver. sismiche), C (ver. cinematismi)
$S_{dx}$	= Numero del solaio a destra
$S_{sx}$	= Numero del solaio a sinistra
Spess.	= Spessore
TCC	= Tipo di combinazione di carico
	SLU = Stato limite ultimo
	SLE R = Stato limite d'esercizio, combinazione rara
$V_{ed}$	= Taglio agente
$V_u$	= Taglio ultimo
$X_g$	= Coord. X del baricentro al piede
$Y_g$	= Coord. Y del baricentro al piede
$Z_f$	= Coordinata Z finale
$Z_i$	= Coordinata Z iniziale
$Z_v$	= Coordinata Z di verifica
a	= Interasse irrigidimenti
$d_1$	= Eccentricità della muratura sovrastante
$d_2$	= Eccentricità di appoggio del solaio
e	= Eccentricità di calcolo
$e_1$	= Eccentricità per sezioni di estremità
$e_2$	= Eccentricità per sezione di massimo $M_v$
$e_a$	= Eccentricità per tolleranze di esecuzione
$e_{s1}$	= Eccentricità convenzionale della muratura sovrastante
$e_{s2}$	= Eccentricità convenzionale della reazione d'appoggio dei solai
$e_v$	= Eccentricità dovuta alle azioni orizzontali ortogonali al piano
$f_{vk0}$	= Resistenza caratteristica a taglio della muratura
$f_{d\ SLU}$	= Resistenza di calcolo a compressione della muratura per verifiche per azioni statiche
$f_{d\ SLV}$	= Resistenza di calcolo a compressione della muratura per verifiche per azioni sismiche
$f_k$	= Resistenza caratteristica della muratura
$f_{vd0\ SLU}$	= Resistenza di calcolo a taglio in assenza di compressione della muratura per azioni statiche
$f_{vd0\ SLV}$	= Resistenza di calcolo a taglio in assenza di compressione della muratura per azioni sismiche
h	= Altezza
m	= Coefficiente di eccentricità

### Maschio n. 2V (ver. statiche)

$X_g=29.52$  <m>  $Y_g=-0.38$  <m>  $L=1.15$  <m>

### Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	$d_1$	$S_{sx}$	$d_2$	$S_{dx}$	$d_2$	$e_a$	a	$\rho$	$\lambda$	$f_k$	$f_{d\ SLU}$	$f_{d\ SLV}$	$\tau_0$	$\tau_{0d\ SLU}$	$\tau_{0d\ SLV}$
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00			202	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		301	0.00	300	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

### Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	$e_{s1}$	$\Sigma N_{2sx}$	$\Sigma N_{2dx}$	$e_{s2}$	$e_1$	Zv	N	$M_v$	$e_v$	$e_2$	e	m	$\Phi_t$	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	-8366.56	0.00	0.00	2545.81	1.63	3.43	0.00	-20517.10	0.00	---	---	1.80	0.43	0.52	-18627.60	---


**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
**Progetto Esecutivo**

									1.89	-19245.60	0.00	---	---	1.80	0.43	0.52	-18627.60	---
									3.78	-17974.10	0.00	---	---	3.43	0.82	0.39	-13911.50	---
2	SLU	-7620.65	0.00	0.00	2830.44	1.90	3.70	0.00	-20146.90	0.00	---	---	---	1.80	0.43	0.52	-18627.60	---
									1.89	-18875.40	0.00	---	---	1.85	0.44	0.52	-18452.40	---
									3.78	-17603.90	0.00	---	---	3.70	0.89	0.37	-13195.30	---
1	SLU	0.00	0.00	1272.19	2332.34	0.00	1.62	3.78	-8366.56	0.00	---	---	---	1.62	0.39	0.58	-20647.50	---
									5.50	-7212.79	0.00	---	---	1.62	0.39	0.58	-20647.50	---
2	SLU	0.00	0.00	1116.94	2047.72	0.00	1.62	3.78	-7620.65	0.00	---	---	---	1.62	0.39	0.58	-20647.50	---
									5.50	-6466.89	0.00	---	---	1.62	0.39	0.58	-20647.50	---

**Maschio n. 4V (ver. statiche)**

Xg=32.15 &lt;m&gt; Yg=-0.38 &lt;m&gt; L=1.20 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				202	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2656.50	7.00	8.80	0.00	-21083.10	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-19756.40	0.00	---	---	4.40	1.06	0.32	-11792.50	---
2	SLU	0.00	0.00	0.00	2953.50	7.00	8.80	0.00	-20707.60	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-19380.80	0.00	---	---	4.40	1.06	0.32	-11792.50	---

**Maschio n. 6V (ver. statiche)**

Xg=34.80 &lt;m&gt; Yg=-0.38 &lt;m&gt; L=1.20 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00			202	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		301	0.00	300	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-8745.31	0.00	0.00	2656.50	1.63	3.43	0.00	-20755.10	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-19428.30	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								3.78	-18101.50	0.00	---	---	3.43	0.82	0.39	-14522.40	---
2	SLU	-7978.64	0.00	0.00	2953.50	1.89	3.69	0.00	-20390.40	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-19063.60	0.00	---	---	1.85	0.44	0.52	-19263.40	---
								3.78	-17736.80	0.00	---	---	3.69	0.89	0.37	-13782.10	---
1	SLU	0.00	0.00	1327.50	2433.75	0.00	1.62	3.78	-8745.31	0.00	---	---	1.62	0.39	0.58	-21545.10	---
								5.50	-7541.38	0.00	---	---	1.62	0.39	0.58	-21545.10	---
2	SLU	0.00	0.00	1165.50	2136.75	0.00	1.62	3.78	-7978.64	0.00	---	---	1.62	0.39	0.58	-21545.10	---
								5.50	-6774.71	0.00	---	---	1.62	0.39	0.58	-21545.10	---

**Maschio n. 10V (ver. statiche)**

Xg=22.20 &lt;m&gt; Yg=0.97 &lt;m&gt; L=3.60 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				207	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
							208	7.00										



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
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**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-28237.30	0.00	---	---	1.80	0.43	0.52	-58312.50	---
								1.89	-24257.00	0.00	---	---	1.80	0.43	0.52	-58312.50	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-25762.90	0.00	---	---	1.80	0.43	0.52	-58312.50	---
								1.89	-21782.50	0.00	---	---	1.80	0.43	0.52	-58312.50	---

**Maschio n. 12V (ver. statiche)**

Xg=37.39 <m> Yg=2.48 <m> L=0.47 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78	0.00					1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				305	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-1342.46	0.00	0.00	0.00	0.00	1.89	0.00	-2482.22	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								1.89	-1957.04	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								3.78	-1431.86	0.00	---	---	1.89	0.45	0.50	-7279.19	---
2	SLU	-1323.87	0.00	0.00	0.00	0.00	1.89	0.00	-2443.00	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								1.89	-1917.82	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								3.78	-1392.64	0.00	---	---	1.89	0.45	0.50	-7279.19	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-1342.46	0.00	---	---	1.62	0.39	0.58	-8528.28	---
								5.50	-865.91	0.00	---	---	1.62	0.39	0.58	-8528.28	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-1323.87	0.00	---	---	1.62	0.39	0.58	-8528.28	---
								5.50	-847.31	0.00	---	---	1.62	0.39	0.58	-8528.28	---

**Maschio n. 14V (ver. statiche)**

Xg=39.25 <m> Yg=2.48 <m> L=0.84 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78	0.00					1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				305	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-3800.86	0.00	0.00	0.00	0.00	1.89	0.00	-5957.78	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								1.89	-5023.51	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								3.78	-4089.24	0.00	---	---	1.89	0.45	0.50	-12949.40	---
2	SLU	-3543.17	0.00	0.00	0.00	0.00	1.89	0.00	-5784.21	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								1.89	-4849.94	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								3.78	-3915.67	0.00	---	---	1.89	0.45	0.50	-12949.40	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-3800.86	0.00	---	---	1.62	0.39	0.58	-15171.40	---
								5.50	-2953.10	0.00	---	---	1.62	0.39	0.58	-15171.40	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-3543.17	0.00	---	---	1.62	0.39	0.58	-15171.40	---
								5.50	-2695.40	0.00	---	---	1.62	0.39	0.58	-15171.40	---

**Maschio n. 15V (ver. statiche)**

Xg=27.73 <m> Yg=5.12 <m> L=1.15 <m>



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## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-4155.14	0.00	2545.81	2545.81	0.00	1.80	0.00	-15899.50	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-14628.00	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								3.78	-13356.50	0.00	---	---	1.80	0.43	0.52	-18627.60	---
2	SLU	-3624.16	0.00	2830.44	2830.44	0.00	1.80	0.00	-15618.60	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-14347.10	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								3.78	-13075.60	0.00	---	---	1.80	0.43	0.52	-18627.60	---
1	SLU	0.00	0.00	2332.34	2332.34	0.00	1.62	3.78	-4155.14	0.00	---	---	1.62	0.39	0.58	-20647.40	---
								5.50	-3001.37	0.00	---	---	1.62	0.39	0.58	-20647.40	---
2	SLU	0.00	0.00	2047.72	2047.72	0.00	1.62	3.78	-3624.16	0.00	---	---	1.62	0.39	0.58	-20647.40	---
								5.50	-2470.39	0.00	---	---	1.62	0.39	0.58	-20647.40	---

## Maschio n. 17V (ver. statiche)

Xg=30.16 &lt;m&gt; Yg=5.12 &lt;m&gt; L=0.70 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-7227.24	0.00	1558.48	1558.48	0.00	1.80	0.00	-10776.90	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								1.89	-9998.52	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								3.78	-9220.14	0.00	---	---	1.80	0.43	0.52	-11403.40	---
2	SLU	-6517.66	0.00	1732.72	1732.72	0.00	1.80	0.00	-10803.50	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								1.89	-10025.10	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								3.78	-9246.75	0.00	---	---	1.80	0.43	0.52	-11403.40	---
1	SLU	0.00	0.00	1427.80	1427.80	0.00	1.62	3.78	-7227.24	0.00	---	---	1.62	0.39	0.58	-12639.90	---
								5.50	-6520.94	0.00	---	---	1.62	0.39	0.58	-12639.90	---
2	SLU	0.00	0.00	1253.56	1253.56	0.00	1.62	3.78	-6517.66	0.00	---	---	1.62	0.39	0.58	-12639.90	---
								5.50	-5811.36	0.00	---	---	1.62	0.39	0.58	-12639.90	---

## Maschio n. 18V (ver. statiche)

Xg=30.87 &lt;m&gt; Yg=5.12 &lt;m&gt; L=0.70 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1558.48	1558.48	0.00	1.80	0.00	-10338.00	0.00	---	---	1.80	0.43	0.52	-11403.30	---
								1.89	-9559.66	0.00	---	---	1.80	0.43	0.52	-11403.30	---
2	SLU	0.00	0.00	1732.72	1732.72	0.00	1.80	0.00	-10351.70	0.00	---	---	1.80	0.43	0.52	-11403.30	---



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									1.89	-9573.34	0.00	---	---	1.80	0.43	0.52	-11403.30	---
--	--	--	--	--	--	--	--	--	------	----------	------	-----	-----	------	------	------	-----------	-----

**Maschio n. 19V (ver. statiche)**

Xg=32.63 &lt;m&gt; Yg=5.12 &lt;m&gt; L=2.82 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>y</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-21356.20	0.00	6233.92	6233.92	0.00	1.80	0.00	-36965.00	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								1.89	-33851.50	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								3.78	-30738.00	0.00	---	---	1.80	0.43	0.52	-45613.40	---
2	SLU	-19439.60	0.00	6930.88	6930.88	0.00	1.80	0.00	-36890.50	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								1.89	-33777.00	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								3.78	-30663.50	0.00	---	---	1.80	0.43	0.52	-45613.40	---
1	SLU	0.00	0.00	5711.20	5711.20	0.00	1.62	3.78	-21356.20	0.00	---	---	1.62	0.39	0.58	-50559.40	---
								5.50	-18531.00	0.00	---	---	1.62	0.39	0.58	-50559.40	---
2	SLU	0.00	0.00	5014.24	5014.24	0.00	1.62	3.78	-19439.60	0.00	---	---	1.62	0.39	0.58	-50559.40	---
								5.50	-16614.40	0.00	---	---	1.62	0.39	0.58	-50559.40	---

**Maschio n. 20V (ver. statiche)**

Xg=34.74 &lt;m&gt; Yg=5.12 &lt;m&gt; L=1.41 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>y</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	3116.95	3116.95	0.00	1.80	0.00	-15850.80	0.00	---	---	1.80	0.43	0.52	-22806.60	---
								1.89	-14294.10	0.00	---	---	1.80	0.43	0.52	-22806.60	---
2	SLU	0.00	0.00	3465.43	3465.43	0.00	1.80	0.00	-15736.00	0.00	---	---	1.80	0.43	0.52	-22806.60	---
								1.89	-14179.30	0.00	---	---	1.80	0.43	0.52	-22806.60	---

**Maschio n. 21V (ver. statiche)**

Xg=36.15 &lt;m&gt; Yg=5.12 &lt;m&gt; L=1.41 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>y</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-7191.55	0.00	3116.96	3116.96	0.00	1.80	0.00	-14096.90	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								1.89	-12540.20	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								3.78	-10983.40	0.00	---	---	1.80	0.43	0.52	-22806.80	---





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

2	SLU	-6607.78	0.00	3465.44	3465.44	0.00	1.80	0.00	-13930.50	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								1.89	-12373.70	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								3.78	-10817.00	0.00	---	---	1.80	0.43	0.52	-22806.80	---
1	SLU	0.00	0.00	2855.60	2855.60	0.00	1.62	3.78	-7191.55	0.00	---	---	1.62	0.39	0.58	-25279.80	---
								5.50	-5778.94	0.00	---	---	1.62	0.39	0.58	-25279.80	---
2	SLU	0.00	0.00	2507.12	2507.12	0.00	1.62	3.78	-6607.78	0.00	---	---	1.62	0.39	0.58	-25279.80	---
								5.50	-5195.17	0.00	---	---	1.62	0.39	0.58	-25279.80	---

**Maschio n. 23V (ver. statiche)**

Xg=38.26 <m> Yg=7.97 <m> L=2.82 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>i</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	7.00			1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20
					305	7.00												

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-10444.40	0.00	2724.12	0.00	-1.45	3.25	0.00	-23661.40	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								1.89	-20543.50	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								3.78	-17425.60	0.00	---	---	3.25	0.78	0.41	-35350.00	---
2	SLU	-9876.70	0.00	3028.68	0.00	-1.64	3.44	0.00	-23193.50	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								1.89	-20075.60	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								3.78	-16957.70	0.00	---	---	3.44	0.83	0.39	-34048.40	---
1	SLU	0.00	0.00	2495.70	0.00	-7.00	8.62	3.78	-10444.40	0.00	---	---	1.62	0.39	0.58	-50631.20	---
								5.50	-7615.13	0.00	---	---	4.31	1.03	0.36	-31390.80	---
2	SLU	0.00	0.00	2191.14	0.00	-7.00	8.62	3.78	-9876.70	0.00	---	---	1.62	0.39	0.58	-50631.20	---
								5.50	-7047.46	0.00	---	---	4.31	1.03	0.36	-31390.80	---

**Maschio n. 25V (ver. statiche)**

Xg=31.48 <m> Yg=10.38 <m> L=1.25 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>i</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-13292.30	0.00	2767.18	2540.78	0.00	1.80	0.00	-35660.40	0.00	---	---	1.80	0.43	0.52	-20247.40	---
								1.89	-34278.30	0.00	---	---	1.80	0.43	0.52	-20247.40	---
								3.78	-32896.30	0.00	---	---	1.80	0.43	0.52	-20247.40	---
2	SLU	-12551.10	0.00	3076.56	2824.84	0.00	1.80	0.00	-36010.90	0.00	---	---	1.80	0.43	0.52	-20247.40	---
								1.89	-34628.90	0.00	---	---	1.80	0.43	0.52	-20247.40	---
								3.78	-33246.80	0.00	---	---	1.80	0.43	0.52	-20247.40	---
1	SLU	0.00	0.00	2535.15	1382.81	0.00	1.62	3.78	-13292.30	0.00	---	---	1.62	0.39	0.58	-22442.90	---
								5.50	-12038.20	0.00	---	---	1.62	0.39	0.58	-22442.90	---
2	SLU	0.00	0.00	2225.78	1214.06	0.00	1.62	3.78	-12551.10	0.00	---	---	1.62	0.39	0.58	-22442.90	---
								5.50	-11297.00	0.00	---	---	1.62	0.39	0.58	-22442.90	---

**Maschio n. 27V (ver. statiche)**

Xg=34.34 <m> Yg=10.38 <m> L=1.47 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-12234.00	0.00	3261.60	2994.74	0.00	1.80	0.00	-20293.40	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-18664.40	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-17035.40	0.00	---	---	1.80	0.43	0.52	-23865.00	---
2	SLU	-11101.80	0.00	3626.25	3329.55	0.00	1.80	0.00	-20523.00	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-18894.00	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-17265.10	0.00	---	---	1.80	0.43	0.52	-23865.00	---
1	SLU	0.00	0.00	2988.11	1629.88	0.00	1.62	3.78	-12234.00	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-10755.80	0.00	---	---	1.62	0.39	0.58	-26452.70	---
2	SLU	0.00	0.00	2623.46	1430.98	0.00	1.62	3.78	-11101.80	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-9623.62	0.00	---	---	1.62	0.39	0.58	-26452.70	---

## Maschio n. 28V (ver. statiche)

Xg=35.81 &lt;m&gt; Yg=10.38 &lt;m&gt; L=1.47 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	3261.59	2994.73	0.00	1.80	0.00	-18109.40	0.00	---	---	1.80	0.43	0.52	-23864.90	---
								1.89	-16480.40	0.00	---	---	1.80	0.43	0.52	-23864.90	---
2	SLU	0.00	0.00	3626.24	3329.55	0.00	1.80	0.00	-18270.00	0.00	---	---	1.80	0.43	0.52	-23864.90	---
								1.89	-16641.00	0.00	---	---	1.80	0.43	0.52	-23864.90	---

## Maschio n. 29V (ver. statiche)

Xg=37.28 &lt;m&gt; Yg=10.38 &lt;m&gt; L=1.47 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-8063.14	0.00	1801.73	2994.74	0.00	1.80	0.00	-15926.50	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-14297.50	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-12668.50	0.00	---	---	1.80	0.43	0.52	-23865.00	---
2	SLU	-7373.24	0.00	2003.16	3329.55	0.00	1.80	0.00	-16018.10	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-14389.10	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-12760.10	0.00	---	---	1.80	0.43	0.52	-23865.00	---
1	SLU	0.00	0.00	1650.65	1629.88	0.00	1.62	3.78	-8063.14	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-6584.98	0.00	---	---	1.62	0.39	0.58	-26452.70	---
2	SLU	0.00	0.00	1449.21	1430.98	0.00	1.62	3.78	-7373.24	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-5895.07	0.00	---	---	1.62	0.39	0.58	-26452.70	---



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

**Maschio n. 31V (ver. statiche)**

Xg=39.30 <m> Yg=10.38 <m> L=0.75 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <cm>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-3634.23	0.00	724.50	1524.47	0.00	1.80	0.00	-6590.33	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								1.89	-5761.10	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								3.78	-4931.86	0.00	---	---	1.80	0.43	0.52	-12148.40	---
2	SLU	-3423.22	0.00	805.50	1694.91	0.00	1.80	0.00	-6589.00	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								1.89	-5759.76	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								3.78	-4930.52	0.00	---	---	1.80	0.43	0.52	-12148.40	---
1	SLU	0.00	0.00	663.75	829.69	0.00	1.62	3.78	-3634.23	0.00	---	---	1.62	0.39	0.58	-13465.70	---
								5.50	-2881.77	0.00	---	---	1.62	0.39	0.58	-13465.70	---
2	SLU	0.00	0.00	582.75	728.44	0.00	1.62	3.78	-3423.22	0.00	---	---	1.62	0.39	0.58	-13465.70	---
								5.50	-2670.77	0.00	---	---	1.62	0.39	0.58	-13465.70	---

**Maschio n. 32V (ver. statiche)**

Xg=0.65 <m> Yg=13.38 <m> L=1.30 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <cm>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	0.00	204	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4737.06	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-3299.72	0.00	---	---	1.80	0.43	0.52	-21057.30	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4500.79	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-3063.44	0.00	---	---	1.80	0.43	0.52	-21057.30	---

**Maschio n. 34V (ver. statiche)**

Xg=5.12 <m> Yg=13.38 <m> L=5.75 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <cm>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	0.00	204	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
					206	7.00												

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-16337.90	0.00	---	---	1.80	0.43	0.52	-93138.10	---
								1.89	-9980.39	0.00	---	---	1.80	0.43	0.52	-93138.10	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-15899.60	0.00	---	---	1.80	0.43	0.52	-93138.10	---
								1.89	-9542.08	0.00	---	---	1.80	0.43	0.52	-93138.10	---



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

**Maschio n. 36V (ver. statiche)**

Xg=13.90 <m> Yg=13.38 <m> L=2.20 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		206	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
					207	7.00												

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5461.44	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-3029.01	0.00	---	---	1.80	0.43	0.52	-35635.40	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5387.45	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-2955.02	0.00	---	---	1.80	0.43	0.52	-35635.40	---

**Maschio n. 38V (ver. statiche)**

Xg=20.00 <m> Yg=13.38 <m> L=1.40 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5107.42	0.00	---	---	1.80	0.43	0.52	-22677.10	---
								1.89	-3559.50	0.00	---	---	1.80	0.43	0.52	-22677.10	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4868.17	0.00	---	---	1.80	0.43	0.52	-22677.10	---
								1.89	-3320.26	0.00	---	---	1.80	0.43	0.52	-22677.10	---

**Maschio n. 39V (ver. statiche)**

Xg=21.00 <m> Yg=15.43 <m> L=0.50 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	211	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1744.87	0.00	---	---	1.80	0.43	0.52	-8098.96	---
								1.89	-1192.04	0.00	---	---	1.80	0.43	0.52	-8098.96	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1656.53	0.00	---	---	1.80	0.43	0.52	-8098.96	---
								1.89	-1103.71	0.00	---	---	1.80	0.43	0.52	-8098.96	---

**Maschio n. 41V (ver. statiche)**

Xg=23.48 <m> Yg=15.43 <m> L=0.55 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	210	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1658.46	0.00	---	---	1.80	0.43	0.52	-8908.85	---
								1.89	-1050.36	0.00	---	---	1.80	0.43	0.52	-8908.85	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1584.45	0.00	---	---	1.80	0.43	0.52	-8908.85	---
								1.89	-976.35	0.00	---	---	1.80	0.43	0.52	-8908.85	---

## Maschio n. 43V (ver. statiche)

Xg=25.90 &lt;m&gt; Yg=15.43 &lt;m&gt; L=2.50 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	210	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-9816.51	0.00	---	---	1.80	0.43	0.52	-40494.80	---
								1.89	-7052.39	0.00	---	---	1.80	0.43	0.52	-40494.80	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-9505.29	0.00	---	---	1.80	0.43	0.52	-40494.80	---
								1.89	-6741.16	0.00	---	---	1.80	0.43	0.52	-40494.80	---

## Maschio n. 45V (ver. statiche)

Xg=31.45 &lt;m&gt; Yg=15.43 &lt;m&gt; L=0.60 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	209	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1219.58	0.00	0.00	1.80	0.00	-7323.02	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-6659.63	0.00	---	---	1.80	0.43	0.52	-9718.73	---
2	SLU	0.00	0.00	1355.93	0.00	0.00	1.80	0.00	-7993.41	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-7330.02	0.00	---	---	1.80	0.43	0.52	-9718.73	---

## Maschio n. 47V (ver. statiche)

Xg=32.92 &lt;m&gt; Yg=15.43 &lt;m&gt; L=0.95 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	209	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
----	-----	-------------	-------------------------	----------------------------	----------------------------	-------------------------	------------------------	------------	------------	--------------------------	------------------------	------------------------	-----------	---	----------------	-------------	--------------



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	1931.00	0.00	0.00	1.80	0.00	-7182.29	0.00	---	---	1.80	0.43	0.52	-15388.00	---
									1.89	-6131.93	0.00	---	---	1.80	0.43	0.52	-15388.00
2	SLU	0.00	0.00	2146.88	0.00	0.00	1.80	0.00	-7750.42	0.00	---	---	1.80	0.43	0.52	-15388.00	---
									1.89	-6700.05	0.00	---	---	1.80	0.43	0.52	-15388.00

**Maschio n. 49V (ver. statiche)**

Xg=37.73 &lt;m&gt; Yg=15.43 &lt;m&gt; L=3.87 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	τ <sub>0</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLU</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLV</sub> <daN/cm <sup>2</sup> >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	7.00			1.80	3.87	0.57	8.20	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	7866.26	0.00	-7.00	8.80	0.00	-16907.00	0.00	---	---	1.80	0.43	0.68	-81269.40	---
									1.89	-12628.10	0.00	---	---	4.40	1.06	0.47	-55726.90
2	SLU	0.00	0.00	8745.71	0.00	-7.00	8.80	0.00	-17241.90	0.00	---	---	1.80	0.43	0.68	-81269.40	---
									1.89	-12963.00	0.00	---	---	4.40	1.06	0.47	-55726.90

**Maschio n. 50V (ver. statiche)**

Xg=23.80 &lt;m&gt; Yg=19.23 &lt;m&gt; L=1.20 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	f <sub>VR0</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLU</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLV</sub> <daN/cm <sup>2</sup> >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		210	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3703.34	0.00	---	---	1.80	0.43	0.52	-19437.50	---
									1.89	-2376.56	0.00	---	---	1.80	0.43	0.52	-19437.50
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3561.80	0.00	---	---	1.80	0.43	0.52	-19437.50	---
									1.89	-2235.02	0.00	---	---	1.80	0.43	0.52	-19437.50

**Maschio n. 52V (ver. statiche)**

Xg=26.95 &lt;m&gt; Yg=19.23 &lt;m&gt; L=2.19 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	f <sub>VR0</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLU</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLV</sub> <daN/cm <sup>2</sup> >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		210	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49
					209	7.00												

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-7675.39	0.00	---	---	1.80	0.43	0.52	-35473.50	---
									1.89	-5254.01	0.00	---	---	1.80	0.43	0.52	-35473.50
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-7242.90	0.00	---	---	1.80	0.43	0.52	-35473.50	---
									1.89	-4821.52	0.00	---	---	1.80	0.43	0.52	-35473.50

**Maschio n. 54V (ver. statiche)**

Xg=29.62 &lt;m&gt; Yg=19.23 &lt;m&gt; L=0.27 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d</sub> SLU <daN/cm²>	f <sub>d</sub> SLV <daN/cm²>	f <sub>VR0</sub> <daN/cm²>	f <sub>vd0</sub> SLU <daN/cm²>	f <sub>vd0</sub> SLV <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	ev <cm>	e2 <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45	---

**Maschio n. 56V (ver. statiche)**

Xg=31.34 &lt;m&gt; Yg=19.23 &lt;m&gt; L=0.27 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d</sub> SLU <daN/cm²>	f <sub>d</sub> SLV <daN/cm²>	f <sub>VR0</sub> <daN/cm²>	f <sub>vd0</sub> SLU <daN/cm²>	f <sub>vd0</sub> SLV <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	ev <cm>	e2 <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45	---

**Maschio n. 58V (ver. statiche)**

Xg=33.06 &lt;m&gt; Yg=19.23 &lt;m&gt; L=0.27 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d</sub> SLU <daN/cm²>	f <sub>d</sub> SLV <daN/cm²>	f <sub>VR0</sub> <daN/cm²>	f <sub>vd0</sub> SLU <daN/cm²>	f <sub>vd0</sub> SLV <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	ev <cm>	e2 <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.51	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.51	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.51	---
								1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.51	---

**Maschio n. 60V (ver. statiche)**

Xg=35.23 &lt;m&gt; Yg=19.23 &lt;m&gt; L=1.15 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm²>	f <sub>d</sub> SLU <daN/cm²>	f <sub>d</sub> SLV <daN/cm²>	f <sub>VR0</sub> <daN/cm²>	f <sub>vd0</sub> SLU <daN/cm²>	f <sub>vd0</sub> SLV <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						





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0.00	3.78	25.00	3.60		209	7.00		1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49
------	------	-------	------	--	-----	------	--	------	------	------	-------	-------	-------	-------	------	------	------

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3296.06	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-2024.57	0.00	---	---	1.80	0.43	0.52	-18627.60	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3200.75	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-1929.26	0.00	---	---	1.80	0.43	0.52	-18627.60	---

## Maschio n. 61V (ver. statiche)

Xg=2.55 &lt;m&gt; Yg=20.73 &lt;m&gt; L=5.10 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	0.00	203	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	12600.20	0.00	1.80	0.00	-25005.20	0.00	---	---	1.80	0.43	0.52	-82609.40	---
								1.89	-19366.40	0.00	---	---	1.80	0.43	0.52	-82609.40	---
2	SLU	0.00	0.00	0.00	11062.50	0.00	1.80	0.00	-23314.90	0.00	---	---	1.80	0.43	0.52	-82609.40	---
								1.89	-17676.10	0.00	---	---	1.80	0.43	0.52	-82609.40	---

## Maschio n. 63V (ver. statiche)

Xg=6.60 &lt;m&gt; Yg=20.73 &lt;m&gt; L=1.00 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	0.00	203	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2470.62	0.00	1.80	0.00	-5578.90	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-4473.25	0.00	---	---	1.80	0.43	0.52	-16197.90	---
2	SLU	0.00	0.00	0.00	2169.12	0.00	1.80	0.00	-5165.45	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-4059.81	0.00	---	---	1.80	0.43	0.52	-16197.90	---

## Maschio n. 65V (ver. statiche)

Xg=9.10 &lt;m&gt; Yg=20.98 &lt;m&gt; L=0.90 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>VK0</sub> <daN/cm²>	f <sub>Vd0 SLU</sub> <daN/cm²>	f <sub>Vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2223.56	7.00	8.80	0.00	-7919.67	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6924.58	0.00	---	---	4.40	1.06	0.32	-8844.37	---



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2	SLU	0.00	0.00	0.00	1952.21	7.00	8.80	0.00	-7196.07	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6200.98	0.00	---	---	4.40	1.06	0.32	-8844.37	---

**Maschio n. 67V (ver. statiche)**

Xg=11.47 &lt;m&gt; Yg=20.98 &lt;m&gt; L=0.95 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2347.09	7.00	8.80	0.00	-8030.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6979.86	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	0.00	2060.67	7.00	8.80	0.00	-7306.63	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6256.26	0.00	---	---	4.40	1.06	0.32	-9335.72	---

**Maschio n. 69V (ver. statiche)**

Xg=17.05 &lt;m&gt; Yg=20.98 &lt;m&gt; L=7.30 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	18035.60	7.00	8.80	0.00	-38244.30	0.00	---	---	1.80	0.43	0.52	-118245.00	---
								1.89	-30173.00	0.00	---	---	4.40	1.06	0.32	-71737.60	---
2	SLU	0.00	0.00	0.00	15834.60	7.00	8.80	0.00	-35547.90	0.00	---	---	1.80	0.43	0.52	-118245.00	---
								1.89	-27476.70	0.00	---	---	4.40	1.06	0.32	-71737.60	---

**Maschio n. 71V (ver. statiche)**

Xg=0.50 &lt;m&gt; Yg=27.43 &lt;m&gt; L=1.00 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2470.62	0.00	-7.00	8.80	0.00	-6812.94	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-5707.29	0.00	---	---	4.40	1.06	0.32	-9827.06	---
2	SLU	0.00	0.00	2169.12	0.00	-7.00	8.80	0.00	-6251.87	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-5146.22	0.00	---	---	4.40	1.06	0.32	-9827.06	---

**Maschio n. 73V (ver. statiche)**

Xg=4.47 &lt;m&gt; Yg=27.43 &lt;m&gt; L=0.95 &lt;m&gt;



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**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm>	f <sub>d</sub> SLU <daN/cm>	f <sub>d</sub> SLV <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0</sub> SLU <daN/cm>	f <sub>vd0</sub> SLV <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2347.09	0.00	-7.00	8.80	0.00	-9944.97	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-8894.60	0.00	---	---	4.40	1.06	0.32	-9335.71	---
2	SLU	0.00	0.00	2060.67	0.00	-7.00	8.80	0.00	-8987.71	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-7937.34	0.00	---	---	4.40	1.06	0.32	-9335.71	---

**Maschio n. 75V (ver. statiche)**

Xg=6.75 &lt;m&gt; Yg=27.43 &lt;m&gt; L=0.70 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm>	f <sub>d</sub> SLU <daN/cm>	f <sub>d</sub> SLV <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0</sub> SLU <daN/cm>	f <sub>vd0</sub> SLV <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1729.44	0.00	-7.00	8.80	0.00	-6859.75	0.00	---	---	1.80	0.43	0.52	-11338.50	---
								1.89	-6085.80	0.00	---	---	4.40	1.06	0.32	-6878.94	---
2	SLU	0.00	0.00	1518.39	0.00	-7.00	8.80	0.00	-6211.53	0.00	---	---	1.80	0.43	0.52	-11338.50	---
								1.89	-5437.57	0.00	---	---	4.40	1.06	0.32	-6878.94	---

**Maschio n. 77V (ver. statiche)**

Xg=9.03 &lt;m&gt; Yg=27.43 &lt;m&gt; L=0.95 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm>	f <sub>d</sub> SLU <daN/cm>	f <sub>d</sub> SLV <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0</sub> SLU <daN/cm>	f <sub>vd0</sub> SLV <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2347.09	0.00	-7.00	8.80	0.00	-8030.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6979.87	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	2060.67	0.00	-7.00	8.80	0.00	-7306.63	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6256.27	0.00	---	---	4.40	1.06	0.32	-9335.72	---

**Maschio n. 79V (ver. statiche)**

Xg=11.47 &lt;m&gt; Yg=27.43 &lt;m&gt; L=1.05 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx	d2 <cm>	Sdx	d2 <cm>	ea <cm>	a <m>	p	λ	f <sub>k</sub> <daN/cm>	f <sub>d</sub> SLU <daN/cm>	f <sub>d</sub> SLV <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0</sub> SLU <daN/cm>	f <sub>vd0</sub> SLV <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**



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CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Z <sub>v</sub> <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2594.16	0.00	-7.00	8.80	0.00	-8498.43	0.00	---	---	1.80	0.43	0.52	-17007.80	---
								1.89	-7337.49	0.00	---	---	4.40	1.06	0.32	-10318.40	---
2	SLU	0.00	0.00	2277.58	0.00	-7.00	8.80	0.00	-7744.68	0.00	---	---	1.80	0.43	0.52	-17007.80	---
								1.89	-6583.74	0.00	---	---	4.40	1.06	0.32	-10318.40	---

**Maschio n. 81V (ver. statiche)**

Xg=14.50 &lt;m&gt; Yg=27.43 &lt;m&gt; L=2.10 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>VK0</sub> <daN/cm²>	f <sub>vd0 SLU</sub> <daN/cm²>	f <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Z <sub>v</sub> <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5188.31	0.00	-7.00	8.80	0.00	-13414.40	0.00	---	---	1.80	0.43	0.52	-34015.70	---
								1.89	-11092.60	0.00	---	---	4.40	1.06	0.32	-20636.80	---
2	SLU	0.00	0.00	4555.16	0.00	-7.00	8.80	0.00	-12344.10	0.00	---	---	1.80	0.43	0.52	-34015.70	---
								1.89	-10022.30	0.00	---	---	4.40	1.06	0.32	-20636.80	---

**Maschio n. 83V (ver. statiche)**

Xg=17.30 &lt;m&gt; Yg=27.43 &lt;m&gt; L=0.60 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>VK0</sub> <daN/cm²>	f <sub>vd0 SLU</sub> <daN/cm²>	f <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Z <sub>v</sub> <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1482.38	0.00	-7.00	8.80	0.00	-6391.56	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5728.17	0.00	---	---	4.40	1.06	0.32	-5896.22	---
2	SLU	0.00	0.00	1301.48	0.00	-7.00	8.80	0.00	-5773.48	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5110.09	0.00	---	---	4.40	1.06	0.32	-5896.22	---

**Maschio n. 85V (ver. statiche)**

Xg=19.35 &lt;m&gt; Yg=27.43 &lt;m&gt; L=0.60 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>VK0</sub> <daN/cm²>	f <sub>vd0 SLU</sub> <daN/cm²>	f <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Z <sub>v</sub> <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1482.38	0.00	-7.00	8.80	0.00	-6391.56	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5728.17	0.00	---	---	4.40	1.06	0.32	-5896.22	---
2	SLU	0.00	0.00	1301.48	0.00	-7.00	8.80	0.00	-5773.49	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5110.10	0.00	---	---	4.40	1.06	0.32	-5896.22	---



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

**Maschio n. 87V (ver. statiche)**

Xg=22.15 <m> Yg=27.43 <m> L=2.10 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>yk0</sub> <daN/cm²>	f <sub>yd0 SLU</sub> <daN/cm²>	f <sub>yd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5188.31	0.00	-7.00	8.80	0.00	-9991.02	0.00	---	---	1.80	0.43	0.52	-34015.60	---
								1.89	-7669.15	0.00	---	---	4.40	1.06	0.32	-20636.80	---
2	SLU	0.00	0.00	4555.16	0.00	-7.00	8.80	0.00	-9337.19	0.00	---	---	1.80	0.43	0.52	-34015.60	---
								1.89	-7015.33	0.00	---	---	4.40	1.06	0.32	-20636.80	---

**Maschio n. 88V (ver. statiche)**

Xg=0.12 <m> Yg=1.60 <m> L=3.20 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	8378.00	0.00	-7.00	8.80	0.00	-18857.70	0.00	---	---	1.80	0.43	0.52	-51833.40	---
								1.89	-15319.60	0.00	---	---	4.40	1.06	0.32	-31446.60	---
2	SLU	0.00	0.00	7355.60	0.00	-7.00	8.80	0.00	-17420.00	0.00	---	---	1.80	0.43	0.52	-51833.40	---
								1.89	-13881.90	0.00	---	---	4.40	1.06	0.32	-31446.60	---

**Maschio n. 90V (ver. statiche)**

Xg=0.12 <m> Yg=7.35 <m> L=3.10 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	8116.19	0.00	-7.00	8.80	0.00	-20272.90	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-16845.40	0.00	---	---	4.40	1.06	0.32	-30463.90	---
2	SLU	0.00	0.00	7125.74	0.00	-7.00	8.80	0.00	-18635.50	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-15208.00	0.00	---	---	4.40	1.06	0.32	-30463.90	---

**Maschio n. 92V (ver. statiche)**

Xg=0.12 <m> Yg=10.82 <m> L=0.95 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>ax</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						



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0.00	3.78	25.00	3.60		205	7.00		1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
------	------	-------	------	--	-----	------	--	------	------	------	-------	-------	-------	-------	------	------	------

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2487.22	0.00	-7.00	8.80	0.00	-8384.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-7333.87	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	2183.69	0.00	-7.00	8.80	0.00	-7617.43	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6567.07	0.00	---	---	4.40	1.06	0.32	-9335.72	---

Maschio n. 94V (ver. statiche)

Xg=0.12 <m> Yg=14.30 <m> L=3.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	τ <sub>0</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLU</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
					204	7.00												

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	8116.19	0.00	-7.00	8.80	0.00	-16970.60	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-13543.10	0.00	---	---	4.40	1.06	0.32	-30463.90	---
2	SLU	0.00	0.00	7125.74	0.00	-7.00	8.80	0.00	-15745.10	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-12317.60	0.00	---	---	4.40	1.06	0.32	-30463.90	---

Maschio n. 96V (ver. statiche)

Xg=0.12 <m> Yg=17.80 <m> L=0.90 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	τ <sub>0</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLU</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2356.31	0.00	-7.00	8.80	0.00	-8273.67	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-7278.59	0.00	---	---	4.40	1.06	0.32	-8844.37	---
2	SLU	0.00	0.00	2068.76	0.00	-7.00	8.80	0.00	-7506.87	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6511.79	0.00	---	---	4.40	1.06	0.32	-8844.37	---

Maschio n. 98V (ver. statiche)

Xg=0.12 <m> Yg=20.30 <m> L=1.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <cm>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	τ <sub>0</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLU</sub> <daN/cm <sup>2</sup> >	τ <sub>0d SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2879.94	0.00	-7.00	8.80	0.00	-6520.97	0.00	---	---	1.80	0.43	0.52	-17817.70	---



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								1.89	-5304.75	0.00	---	---	4.40	1.06	0.32	-10809.80	---
2	SLU	0.00	0.00	2528.49	0.00	-7.00	8.80	0.00	-6017.73	0.00	---	---	1.80	0.43	0.52	-17817.70	---
								1.89	-4801.51	0.00	---	---	4.40	1.06	0.32	-10809.80	---

**Maschio n. 99V (ver. statiche)**

Xg=0.12 <m> Yg=20.98 <m> L=0.25 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	f <sub>yk0</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLU</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1415.70	0.00	---	---	1.80	0.43	0.52	-4049.51	---
								1.89	-1139.29	0.00	---	---	1.80	0.43	0.52	-4049.51	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1329.81	0.00	---	---	1.80	0.43	0.52	-4049.51	---
								1.89	-1053.40	0.00	---	---	1.80	0.43	0.52	-4049.51	---

**Maschio n. 101V (ver. statiche)**

Xg=0.12 <m> Yg=25.05 <m> L=5.00 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	f <sub>yk0</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLU</sub> <daN/cm <sup>2</sup> >	f <sub>vd0 SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-12631.40	0.00	---	---	1.80	0.43	0.52	-80989.60	---
								1.89	-7103.17	0.00	---	---	1.80	0.43	0.52	-80989.60	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-12438.70	0.00	---	---	1.80	0.43	0.52	-80989.60	---
								1.89	-6910.49	0.00	---	---	1.80	0.43	0.52	-80989.60	---

**Maschio n. 102V (ver. statiche)**

Xg=6.97 <m> Yg=1.57 <m> L=3.15 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm <sup>2</sup> >	f <sub>d SLU</sub> <daN/cm <sup>2</sup> >	f <sub>d SLV</sub> <daN/cm <sup>2</sup> >	τ <sub>0</sub> <daN/cm <sup>2</sup> >	τ <sub>vd0 SLU</sub> <daN/cm <sup>2</sup> >	τ <sub>vd0 SLV</sub> <daN/cm <sup>2</sup> >
-2.20	0.00	25.00	2.20	0.00					1.10	0.85	0.13	1.14						
0.00	3.78	25.00	3.60						1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5767.25	8247.09	1.11	2.91	0.00	-23158.30	0.00	---	---	1.80	0.43	0.52	-51023.50	---
								1.89	-19675.50	0.00	---	---	1.80	0.43	0.52	-51023.50	---
2	SLU	0.00	0.00	5063.45	7240.67	1.11	2.91	0.00	-21182.30	0.00	---	---	1.80	0.43	0.52	-51023.50	---
								1.89	-17699.50	0.00	---	---	1.80	0.43	0.52	-51023.50	---

**Maschio n. 104V (ver. statiche)**





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

Xg=6.97 <m> Yg=6.10 <m> L=4.20 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		206	0.00	205	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	10531.50	10996.10	0.00	1.80	0.00	-42347.70	0.00	---	---	1.80	0.43	0.52	-68031.30	---
								1.89	-37704.00	0.00	---	---	1.80	0.43	0.52	-68031.30	---
2	SLU	0.00	0.00	9246.30	9654.22	0.00	1.80	0.00	-38313.30	0.00	---	---	1.80	0.43	0.52	-68031.30	---
								1.89	-33669.50	0.00	---	---	1.80	0.43	0.52	-68031.30	---

**Maschio n. 106V (ver. statiche)**

Xg=6.97 <m> Yg=12.68 <m> L=1.65 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		206	0.00	205	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.37	4319.91	0.00	1.80	0.00	-20848.10	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-19023.80	0.00	---	---	1.80	0.43	0.52	-26726.60	---
2	SLU	0.00	0.00	3632.47	3792.73	0.00	1.80	0.00	-18745.40	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-16921.10	0.00	---	---	1.80	0.43	0.52	-26726.60	---

**Maschio n. 108V (ver. statiche)**

Xg=6.97 <m> Yg=18.32 <m> L=5.05 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				204	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	13221.50	7.00	8.80	0.00	-28342.30	0.00	---	---	1.80	0.43	0.52	-81799.50	---
								1.89	-22758.80	0.00	---	---	4.40	1.06	0.32	-49626.70	---
2	SLU	0.00	0.00	0.00	11608.10	7.00	8.80	0.00	-26229.50	0.00	---	---	1.80	0.43	0.52	-81799.50	---
								1.89	-20646.00	0.00	---	---	4.40	1.06	0.32	-49626.70	---

**Maschio n. 109V (ver. statiche)**

Xg=6.97 <m> Yg=21.00 <m> L=0.30 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>VR0</sub> <daN/cm²>	f <sub>VR0 SLU</sub> <daN/cm²>	f <sub>VR0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78						1.89	0.00	1.00	15.12	50.00	12.35	12.35	2.00	0.49	0.49



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-1973.56	0.00	---	---	1.89	0.45	0.50	-4597.39	---
								1.89	-1641.86	0.00	---	---	1.89	0.45	0.50	-4597.39	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-1833.03	0.00	---	---	1.89	0.45	0.50	-4597.39	---
								1.89	-1501.33	0.00	---	---	1.89	0.45	0.50	-4597.39	---

## Maschio n. 111V (ver. statiche)

Xg=13.78 &lt;m&gt; Yg=1.95 &lt;m&gt; L=2.20 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5516.50	5516.50	0.00	1.80	0.00	-24674.10	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-22241.70	0.00	---	---	1.80	0.43	0.52	-35635.40	---
2	SLU	0.00	0.00	4843.30	4843.30	0.00	1.80	0.00	-22256.70	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-19824.30	0.00	---	---	1.80	0.43	0.52	-35635.40	---

## Maschio n. 113V (ver. statiche)

Xg=13.78 &lt;m&gt; Yg=7.38 &lt;m&gt; L=1.65 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.38	4137.37	0.00	1.80	0.00	-29852.00	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-28027.70	0.00	---	---	1.80	0.43	0.52	-26726.60	---
2	SLU	0.00	0.00	3632.47	3632.47	0.00	1.80	0.00	-26654.30	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-24830.00	0.00	---	---	1.80	0.43	0.52	-26726.60	---

## Maschio n. 115V (ver. statiche)

Xg=13.78 &lt;m&gt; Yg=12.68 &lt;m&gt; L=1.65 &lt;m&gt;

## Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

## Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <cm>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.38	4137.37	0.00	1.80	0.00	-20479.20	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-18654.90	0.00	---	---	1.80	0.43	0.52	-26726.60	---
2	SLU	0.00	0.00	3632.47	3632.47	0.00	1.80	0.00	-18426.50	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-16602.20	0.00	---	---	1.80	0.43	0.52	-26726.60	---



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

**Maschio n. 116V (ver. statiche)**

Xg=17.12 <m> Yg=1.38 <m> L=1.05 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78						1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-2321.86	0.00	---	---	1.89	0.45	0.50	-16090.90	---
								1.89	-1160.93	0.00	---	---	1.89	0.45	0.50	-16090.90	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-2321.86	0.00	---	---	1.89	0.45	0.50	-16090.90	---
								1.89	-1160.93	0.00	---	---	1.89	0.45	0.50	-16090.90	---

**Maschio n. 118V (ver. statiche)**

Xg=20.57 <m> Yg=10.15 <m> L=6.70 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		208	0.00	207	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	15935.50	16800.30	0.00	1.80	0.00	-56047.10	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-48639.20	0.00	---	---	1.80	0.43	0.52	-108526.00	---
2	SLU	0.00	0.00	13990.90	14750.10	0.00	1.80	0.00	-51009.20	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-43601.40	0.00	---	---	1.80	0.43	0.52	-108526.00	---

**Maschio n. 120V (ver. statiche)**

Xg=20.57 <m> Yg=15.24 <m> L=0.61 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>0d SLU</sub> <daN/cm²>	τ <sub>0d SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		208	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1450.85	0.00	-7.00	8.80	0.00	-2726.69	0.00	---	---	1.80	0.43	0.52	-9880.75	---
								1.89	-2052.25	0.00	---	---	4.40	1.06	0.32	-5994.51	---
2	SLU	0.00	0.00	1273.80	0.00	-7.00	8.80	0.00	-2549.01	0.00	---	---	1.80	0.43	0.52	-9880.75	---
								1.89	-1874.56	0.00	---	---	4.40	1.06	0.32	-5994.51	---

**Maschio n. 121V (ver. statiche)**

Xg=20.57 <m> Yg=16.20 <m> L=1.30 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		211	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1198.44	0.00	-7.00	8.80	0.00	-6576.17	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-5138.82	0.00	---	---	4.40	1.06	0.32	-12775.20	---
2	SLU	0.00	0.00	1052.19	0.00	-7.00	8.80	0.00	-6145.52	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-4708.18	0.00	---	---	4.40	1.06	0.32	-12775.20	---

Maschio n. 123V (ver. statiche)

Xg=20.57 <m> Yg=20.43 <m> L=0.85 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		211	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	783.59	0.00	-7.00	8.80	0.00	-4928.42	0.00	---	---	1.80	0.43	0.52	-13768.20	---
								1.89	-3988.62	0.00	---	---	4.40	1.06	0.32	-8352.99	---
2	SLU	0.00	0.00	687.97	0.00	-7.00	8.80	0.00	-4555.54	0.00	---	---	1.80	0.43	0.52	-13768.20	---
								1.89	-3615.74	0.00	---	---	4.40	1.06	0.32	-8352.99	---

Maschio n. 124V (ver. statiche)

Xg=23.07 <m> Yg=17.45 <m> L=3.80 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	3.80	1.00	2.00						
0.00	3.78	25.00	3.60		210	0.00	211	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5534.94	3503.13	0.00	1.80	0.00	-16467.50	0.00	---	---	1.80	0.43	0.52	-61552.10	---
								1.89	-12266.10	0.00	---	---	1.80	0.43	0.52	-61552.10	---
2	SLU	0.00	0.00	4859.49	3075.63	0.00	1.80	0.00	-15516.80	0.00	---	---	1.80	0.43	0.52	-61552.10	---
								1.89	-11315.40	0.00	---	---	1.80	0.43	0.52	-61552.10	---

Maschio n. 126V (ver. statiche)

Xg=23.07 <m> Yg=20.64 <m> L=0.33 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	f <sub>VK0</sub> <daN/cm>	f <sub>vd0 SLU</sub> <daN/cm>	f <sub>vd0 SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				211	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN <sub>2sx</sub> <daN>	ΣN <sub>2dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
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**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

				<daN>	<daN>													
1	SLU	0.00	0.00	0.00	299.61	7.00	8.80	0.00	-1266.56	0.00	---	---	1.80	0.43	0.52	-5264.28	---	---
								1.89	-907.23	0.00	---	---	4.40	1.06	0.32	-3193.77	---	---
2	SLU	0.00	0.00	0.00	263.05	7.00	8.80	0.00	-1202.32	0.00	---	---	1.80	0.43	0.52	-5264.28	---	---
								1.89	-842.98	0.00	---	---	4.40	1.06	0.32	-3193.77	---	---

**Maschio n. 127V (ver. statiche)**

Xg=23.07 &lt;m&gt; Yg=24.20 &lt;m&gt; L=6.70 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	f <sub>yk0</sub> <daN/cm²>	f <sub>vd0 SLU</sub> <daN/cm²>	f <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	6.70	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-19770.80	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-12362.90	0.00	---	---	1.80	0.43	0.52	-108526.00	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-19164.40	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-11756.50	0.00	---	---	1.80	0.43	0.52	-108526.00	---

**Maschio n. 128V (ver. statiche)**

Xg=27.27 &lt;m&gt; Yg=1.80 &lt;m&gt; L=4.60 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>vd0 SLU</sub> <daN/cm²>	τ <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	1.35	0.27	2.41						
0.00	3.78	25.00	3.60	0.00	202	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
					202	0.00	208	0.00										
3.78	7.21	25.00	3.25		300	0.00	302	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-19647.90	0.00	0.00	7729.92	0.00	1.80	0.00	-44874.30	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								1.89	-39788.30	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								3.78	-34702.30	0.00	---	---	1.80	0.43	0.52	-74510.50	---
2	SLU	-18729.50	0.00	0.00	6786.61	0.00	1.80	0.00	-43096.10	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								1.89	-38010.10	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								3.78	-32924.10	0.00	---	---	1.80	0.43	0.52	-74510.50	---
1	SLU	0.00	0.00	0.00	5088.75	0.00	1.62	3.78	-19647.90	0.00	---	---	1.62	0.39	0.58	-82589.90	---
								5.50	-15032.80	0.00	---	---	1.62	0.39	0.58	-82589.90	---
2	SLU	0.00	0.00	0.00	4467.75	0.00	1.62	3.78	-18729.50	0.00	---	---	1.62	0.39	0.58	-82589.90	---
								5.50	-14114.40	0.00	---	---	1.62	0.39	0.58	-82589.90	---

**Maschio n. 130V (ver. statiche)**

Xg=27.27 &lt;m&gt; Yg=7.75 &lt;m&gt; L=5.50 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm²>	f <sub>d SLU</sub> <daN/cm²>	f <sub>d SLV</sub> <daN/cm²>	τ <sub>0</sub> <daN/cm²>	τ <sub>vd0 SLU</sub> <daN/cm²>	τ <sub>vd0 SLV</sub> <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	5.50	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	302	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1	e <sub>s1</sub>	ΣN2 <sub>sx</sub>	ΣN2 <sub>dx</sub>	e <sub>s2</sub>	e <sub>1</sub>	Zv	N	M <sub>v</sub>	e <sub>v</sub>	e <sub>2</sub>	e	m	Φ <sub>t</sub>	Nu	Mu
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**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	-24447.30	0.00	0.00	13081.40	0.00	1.80	0.00	-55948.60	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								1.89	-49867.60	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								3.78	-43786.50	0.00	---	---	1.80	0.43	0.52	-89088.60	---
2	SLU	-23641.00	0.00	0.00	11485.00	0.00	1.80	0.00	-53777.00	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								1.89	-47695.90	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								3.78	-41614.80	0.00	---	---	1.80	0.43	0.52	-89088.60	---
1	SLU	0.00	0.00	0.00	6084.38	0.00	1.62	3.78	-24447.30	0.00	---	---	1.62	0.39	0.58	-98748.80	---
								5.50	-18929.30	0.00	---	---	1.62	0.39	0.58	-98748.80	---
2	SLU	0.00	0.00	0.00	5341.88	0.00	1.62	3.78	-23641.00	0.00	---	---	1.62	0.39	0.58	-98748.80	---
								5.50	-18123.00	0.00	---	---	1.62	0.39	0.58	-98748.80	---

**Maschio n. 131V (ver. statiche)**

Xg=27.27 <m> Yg=11.53 <m> L=1.95 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi	Zf	Spess.	h	d <sub>1</sub>	S <sub>sx</sub>	d <sub>2</sub>	S <sub>dx</sub>	d <sub>2</sub>	e <sub>a</sub>	a	ρ	λ	f <sub>k</sub>	f <sub>d SLU</sub>	f <sub>d SLV</sub>	τ <sub>0</sub>	τ <sub>0d SLU</sub>	τ <sub>0d SLV</sub>
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	4637.95	0.00	1.80	0.00	-20357.50	0.00	---	---	1.80	0.43	0.52	-31586.00	---
								1.89	-18201.50	0.00	---	---	1.80	0.43	0.52	-31586.00	---
2	SLU	0.00	0.00	0.00	4071.96	0.00	1.80	0.00	-19577.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---
								1.89	-17421.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---

**Maschio n. 133V (ver. statiche)**

Xg=27.27 <m> Yg=14.78 <m> L=1.55 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi	Zf	Spess.	h	d <sub>1</sub>	S <sub>sx</sub>	d <sub>2</sub>	S <sub>dx</sub>	d <sub>2</sub>	e <sub>a</sub>	a	ρ	λ	f <sub>k</sub>	f <sub>d SLU</sub>	f <sub>d SLV</sub>	τ <sub>0</sub>	τ <sub>0d SLU</sub>	τ <sub>0d SLV</sub>
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	3686.58	0.00	1.80	0.00	-9166.45	0.00	---	---	1.80	0.43	0.52	-25106.80	---
								1.89	-7452.69	0.00	---	---	1.80	0.43	0.52	-25106.80	---
2	SLU	0.00	0.00	0.00	3236.69	0.00	1.80	0.00	-8747.59	0.00	---	---	1.80	0.43	0.52	-25106.80	---
								1.89	-7033.84	0.00	---	---	1.80	0.43	0.52	-25106.80	---

**Maschio n. 134V (ver. statiche)**

Xg=27.27 <m> Yg=17.45 <m> L=3.80 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi	Zf	Spess.	h	d <sub>1</sub>	S <sub>sx</sub>	d <sub>2</sub>	S <sub>dx</sub>	d <sub>2</sub>	e <sub>a</sub>	a	ρ	λ	f <sub>k</sub>	f <sub>d SLU</sub>	f <sub>d SLV</sub>	f <sub>vk0</sub>	f <sub>vd0 SLU</sub>	f <sub>vd0 SLV</sub>
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>	<daN/cm<sup>2</sup>>
-0.50	0.00	25.00	0.50	0.00					0.25	3.80	1.00	2.00						
0.00	3.78	25.00	3.60		209	0.00	210	0.00	1.80	3.80	0.55	7.96	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1	e <sub>s1</sub>	ΣN <sub>2sx</sub>	ΣN <sub>2dx</sub>	e <sub>s2</sub>	e <sub>1</sub>	Zv	N	M <sub>v</sub>	e <sub>v</sub>	e <sub>2</sub>	e	m	Φ <sub>t</sub>	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	12120.80	5534.94	0.00	1.80	0.00	-22734.50	0.00	---	---	1.80	0.43	0.69	-80386.20	---



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

								1.89	-18533.00	0.00	---	---	1.80	0.43	0.69	-80386.20	---
2	SLU	0.00	0.00	10641.70	4859.49	0.00	1.80	0.00	-21529.40	0.00	---	---	1.80	0.43	0.69	-80386.20	---
								1.89	-17327.90	0.00	---	---	1.80	0.43	0.69	-80386.20	---

**Maschio n. 135V (ver. statiche)**

Xg=35.67 <m> Yg=15.95 <m> L=0.80 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm<sup>2</sup>>	f <sub>d SLU</sub> <daN/cm<sup>2</sup>>	f <sub>d SLV</sub> <daN/cm<sup>2</sup>>	f <sub>yk0</sub> <daN/cm<sup>2</sup>>	f <sub>vd0 SLU</sub> <daN/cm<sup>2</sup>>	f <sub>vd0 SLV</sub> <daN/cm<sup>2</sup>>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				209	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2551.75	7.00	8.80	0.00	-7114.68	0.00	---	---	1.80	0.43	0.52	-12958.30	---
								1.89	-6230.16	0.00	---	---	4.40	1.06	0.32	-7861.64	---
2	SLU	0.00	0.00	0.00	2240.35	7.00	8.80	0.00	-7165.67	0.00	---	---	1.80	0.43	0.52	-12958.30	---
								1.89	-6281.15	0.00	---	---	4.40	1.06	0.32	-7861.64	---

**Maschio n. 137V (ver. statiche)**

Xg=35.67 <m> Yg=18.35 <m> L=2.00 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm<sup>2</sup>>	f <sub>d SLU</sub> <daN/cm<sup>2</sup>>	f <sub>d SLV</sub> <daN/cm<sup>2</sup>>	f <sub>yk0</sub> <daN/cm<sup>2</sup>>	f <sub>vd0 SLU</sub> <daN/cm<sup>2</sup>>	f <sub>vd0 SLV</sub> <daN/cm<sup>2</sup>>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				209	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	6379.38	7.00	8.80	0.00	-11643.80	0.00	---	---	1.80	0.43	0.52	-32395.90	---
								1.89	-9432.45	0.00	---	---	4.40	1.06	0.32	-19654.10	---
2	SLU	0.00	0.00	0.00	5600.88	7.00	8.80	0.00	-10765.90	0.00	---	---	1.80	0.43	0.52	-32395.90	---
								1.89	-8554.63	0.00	---	---	4.40	1.06	0.32	-19654.10	---

**Maschio n. 138V (ver. statiche)**

Xg=37.02 <m> Yg=0.93 <m> L=2.85 <m>

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>sx</sub>	d <sub>2</sub> <cm>	S <sub>dx</sub>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm<sup>2</sup>>	f <sub>d SLU</sub> <daN/cm<sup>2</sup>>	f <sub>d SLV</sub> <daN/cm<sup>2</sup>>	τ <sub>0</sub> <daN/cm<sup>2</sup>>	τ <sub>vd0 SLU</sub> <daN/cm<sup>2</sup>>	τ <sub>vd0 SLV</sub> <daN/cm<sup>2</sup>>
-2.20	0.00	25.00	2.20	0.00					1.10	2.85	0.73	6.41						
0.00	3.78	25.00	3.60	0.00			202	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				300	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-9420.31	0.00	0.00	0.00	0.00	1.80	0.00	-17644.70	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								1.89	-14493.60	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								3.78	-11342.50	0.00	---	---	1.80	0.43	0.52	-46164.10	---
2	SLU	-8939.66	0.00	0.00	0.00	0.00	1.80	0.00	-17409.60	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								1.89	-14258.50	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								3.78	-11107.40	0.00	---	---	1.80	0.43	0.52	-46164.10	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-9420.31	0.00	---	---	1.62	0.39	0.58	-51169.80	---
								5.50	-6560.97	0.00	---	---	1.62	0.39	0.58	-51169.80	---





**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

2 SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-8939.66	0.00	---	---	1.62	0.39	0.58	-51169.80	---
							5.50	-6080.33	0.00	---	---	1.62	0.39	0.58	-51169.80	---

**Maschio n. 139V (ver. statiche)**

Xg=39.55 &lt;m&gt; Yg=5.39 &lt;m&gt; L=6.08 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-2.20	0.00	25.00	2.20	0.00					1.10	3.10	0.79	6.95						
0.00	3.78	25.00	3.60	0.00			201	7.00	1.80	5.75	0.87	12.58	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		306	0.00	305	0.00	1.62	5.75	0.93	12.15	50.00	12.35	12.35	0.80	0.20	0.20
					306	0.00	304	0.00										

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	-22665.90	0.00	0.00	0.00	0.00	1.80	0.00	-42046.60	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								1.89	-35329.80	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								3.78	-28613.00	0.00	---	---	1.80	0.43	0.57	-107624.00	---
2	SLU	-21485.70	0.00	0.00	0.00	0.00	1.80	0.00	-40776.10	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								1.89	-34059.30	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								3.78	-27342.40	0.00	---	---	1.80	0.43	0.57	-107624.00	---
1	SLU	0.00	0.00	6720.47	5832.70	0.00	1.62	3.78	-22665.90	0.00	---	---	1.62	0.39	0.61	-113485.00	---
								5.50	-16571.00	0.00	---	---	1.62	0.39	0.61	-113485.00	---
2	SLU	0.00	0.00	5900.34	5120.91	0.00	1.62	3.78	-21485.70	0.00	---	---	1.62	0.39	0.61	-113485.00	---
								5.50	-15390.80	0.00	---	---	1.62	0.39	0.61	-113485.00	---

**Maschio n. 141V (ver. statiche)**

Xg=39.55 &lt;m&gt; Yg=11.51 &lt;m&gt; L=1.93 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				200	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-8429.98	0.00	---	---	1.80	0.43	0.52	-31181.00	---
								1.89	-6301.61	0.00	---	---	1.80	0.43	0.52	-31181.00	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-8439.24	0.00	---	---	1.80	0.43	0.52	-31181.00	---
								1.89	-6310.86	0.00	---	---	1.80	0.43	0.52	-31181.00	---

**Maschio n. 143V (ver. statiche)**

Xg=39.55 &lt;m&gt; Yg=14.74 &lt;m&gt; L=1.62 &lt;m&gt;

**Configurazione geometrica e caratteristiche dei materiali utilizzati**

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d <sub>1</sub> <cm>	S <sub>xx</sub> <cm>	d <sub>2</sub> <cm>	S <sub>dx</sub> <cm>	d <sub>2</sub> <cm>	e <sub>a</sub> <cm>	a <m>	ρ	λ	f <sub>k</sub> <daN/cm>	f <sub>d SLU</sub> <daN/cm>	f <sub>d SLV</sub> <daN/cm>	τ <sub>0</sub> <daN/cm>	τ <sub>0d SLU</sub> <daN/cm>	τ <sub>0d SLV</sub> <daN/cm>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				200	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

**Verifiche per carichi verticali ed azioni ortogonali**

CC	TCC	N1 <daN>	e <sub>s1</sub> <cm>	ΣN2 <sub>sx</sub> <daN>	ΣN2 <sub>dx</sub> <daN>	e <sub>s2</sub> <cm>	e <sub>1</sub> <cm>	Zv <m>	N <daN>	M <sub>v</sub> <daNm>	e <sub>v</sub> <cm>	e <sub>2</sub> <cm>	e <cm>	m	Φ <sub>t</sub>	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4350.45	0.00	---	---	1.80	0.43	0.52	-26321.60	---
								1.89	-2553.77	0.00	---	---	1.80	0.43	0.52	-26321.60	---

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)

**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

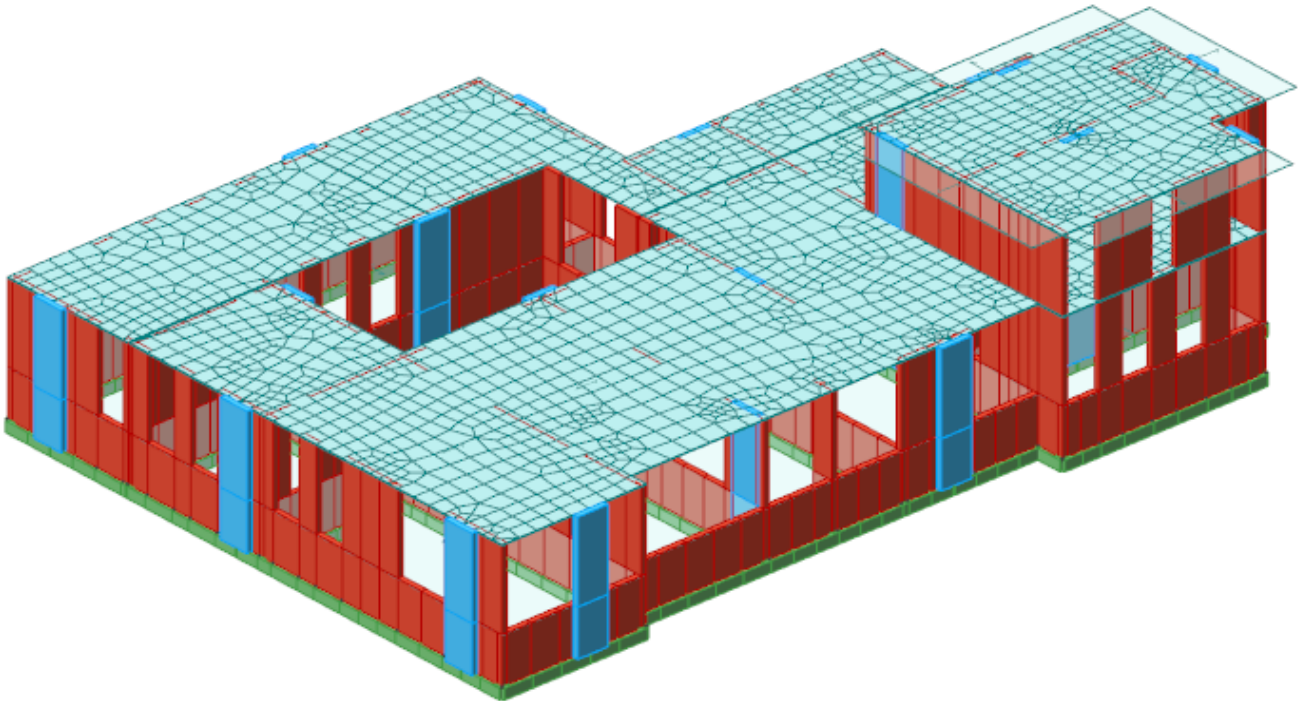


2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4610.73	0.00	---	---	1.80	0.43	0.52	-26321.60	---
								1.89	-2814.05	0.00	---	---	1.80	0.43	0.52	-26321.60	---

# VERIFICA ELEMENTI MEMBRANALI SOLAI

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## Introduzione

### Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto.

I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza. La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Z globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

### Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

### Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.
- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.
- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.
- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.
- Eurocodice 5 - Progettazione delle strutture di legno.
- DIN 1052 - Metodi di verifica per il legno.
- D.M. del 17/1/2018 - Norme tecniche per le costruzioni.
- Circolare n. 7 del 21/1/2019 - Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018.
- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.
- Eurocodice 3 - Progettazione delle strutture in acciaio.

### Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : daN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

### 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	Lz	Kt
									<m>	<m>	<daN/cmc>
1	Libero	L	L	L	L	L	L				

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

#### Elenco nodi

##### Simbologia

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

Nodo	X	Y	Z	Imp.	Vn	Nodo	X	Y	Z	Imp.	Vn	Nodo	X	Y	Z	Imp.	Vn
	<m>	<m>	<m>				<m>	<m>	<m>				<m>	<m>	<m>		
-2232	38.43	3.67	7.21	3	1	-2231	38.41	4.93	7.21	3	1	-2230	39.00	5.01	7.21	3	1
-2229	38.90	4.32	7.21	3	1	-2228	39.00	3.67	7.21	3	1	-2227	38.95	3.03	7.21	3	1
-2226	38.35	3.06	7.21	3	1	-2225	38.01	4.25	7.21	3	1	-2224	37.75	3.23	7.21	3	1
-2223	39.67	5.51	7.21	3	1	-2222	39.67	4.34	7.21	3	1	-2221	39.67	3.01	7.21	3	1
-2220	38.23	2.35	7.21	3	1	-2219	37.89	7.19	7.21	3	1	-2218	38.60	7.26	7.21	3	1
-2217	38.25	7.23	7.21	3	1	-2216	38.31	6.63	7.21	3	1	-2215	38.26	6.93	7.21	3	1
-2214	38.61	6.71	7.21	3	1	-2213	38.63	6.97	7.21	3	1	-2212	37.65	6.35	7.21	3	1
-2211	37.84	6.79	7.21	3	1	-2210	37.59	6.60	7.21	3	1	-2209	38.25	7.59	7.21	3	1

**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

-2208	38.90	7.50	7.21	3	1	-2207	39.02	7.01	7.21	3	1	-2206	38.87	6.47	7.21	3	1
-2205	38.06	6.28	7.21	3	1	-2204	37.44	5.81	7.21	3	1	-2203	37.30	6.21	7.21	3	1
-2202	37.28	6.58	7.21	3	1	-2201	37.59	7.49	7.21	3	1	-2200	37.39	7.00	7.21	3	1
-2199	39.67	7.58	7.21	3	1	-2198	39.67	6.56	7.21	3	1	-2197	38.97	5.79	7.21	3	1
-2196	38.26	5.53	7.21	3	1	-2195	37.55	5.26	7.21	3	1	-2194	28.63	2.98	7.21	3	1
-2193	28.22	3.02	7.21	3	1	-2192	28.33	3.56	7.21	3	1	-2191	29.01	3.35	7.21	3	1
-2190	28.25	2.05	7.21	3	1	-2189	28.21	2.52	7.21	3	1	-2188	28.64	2.13	7.21	3	1
-2187	28.67	2.55	7.21	3	1	-2186	29.14	2.57	7.21	3	1	-2185	29.49	0.73	7.21	3	1
-2184	29.47	1.20	7.21	3	1	-2183	28.23	0.52	7.21	3	1	-2182	28.54	0.52	7.21	3	1
-2181	29.02	1.83	7.21	3	1	-2180	28.98	1.22	7.21	3	1	-2179	28.98	0.75	7.21	3	1
-2178	28.40	1.59	7.21	3	1	-2177	28.55	1.18	7.21	3	1	-2176	28.54	0.80	7.21	3	1
-2175	28.18	1.11	7.21	3	1	-2174	28.20	0.81	7.21	3	1	-2173	32.72	0.68	7.21	3	1
-2172	32.20	0.58	7.21	3	1	-2171	32.54	1.27	7.21	3	1	-2170	30.10	0.88	7.21	3	1
-2169	30.86	0.95	7.21	3	1	-2168	31.77	0.97	7.21	3	1	-2167	33.76	1.42	7.21	3	1
-2166	33.25	1.38	7.21	3	1	-2165	33.33	0.77	7.21	3	1	-2164	33.94	0.86	7.21	3	1
-2163	34.53	1.10	7.21	3	1	-2162	35.33	1.24	7.21	3	1	-2161	35.71	1.03	7.21	3	1
-2160	35.80	0.72	7.21	3	1	-2159	36.34	1.22	7.21	3	1	-2158	36.02	1.12	7.21	3	1
-2157	35.89	1.57	7.21	3	1	-2156	36.17	0.77	7.21	3	1	-2155	36.50	0.95	7.21	3	1
-2154	34.99	2.19	7.21	3	1	-2153	34.82	3.17	7.21	3	1	-2152	35.72	2.33	7.21	3	1
-2151	35.58	3.22	7.21	3	1	-2150	29.84	1.63	7.21	3	1	-2149	29.90	2.57	7.21	3	1
-2148	29.84	3.41	7.21	3	1	-2147	30.77	1.78	7.21	3	1	-2146	31.63	1.89	7.21	3	1
-2145	32.48	2.05	7.21	3	1	-2144	34.12	1.98	7.21	3	1	-2143	33.26	2.10	7.21	3	1
-2142	30.70	2.64	7.21	3	1	-2141	30.63	3.47	7.21	3	1	-2140	31.55	2.76	7.21	3	1
-2139	31.40	3.55	7.21	3	1	-2138	33.94	3.16	7.21	3	1	-2137	33.58	3.50	7.21	3	1
-2136	33.54	3.90	7.21	3	1	-2135	32.43	2.97	7.21	3	1	-2134	32.76	3.42	7.21	3	1
-2133	33.17	3.48	7.21	3	1	-2132	33.22	2.92	7.21	3	1	-2131	32.49	4.18	7.21	3	1
-2130	32.63	3.82	7.21	3	1	-2129	32.14	3.67	7.21	3	1	-2128	33.10	4.00	7.21	3	1
-2127	32.74	4.36	7.21	3	1	-2126	28.36	4.25	7.21	3	1	-2125	29.06	4.21	7.21	3	1
-2124	29.82	4.22	7.21	3	1	-2123	30.57	4.25	7.21	3	1	-2122	31.31	4.29	7.21	3	1
-2121	32.07	4.35	7.21	3	1	-2120	32.52	4.62	7.21	3	1	-2119	32.67	4.75	7.21	3	1
-2118	32.86	4.64	7.21	3	1	-2117	33.31	4.45	7.21	3	1	-2116	33.93	4.12	7.21	3	1
-2115	34.74	4.11	7.21	3	1	-2114	35.50	4.12	7.21	3	1	-2113	36.22	4.12	7.21	3	1
-2112	36.32	3.24	7.21	3	1	-2111	36.42	2.38	7.21	3	1	-2110	36.51	1.58	7.21	3	1
-2109	36.76	1.11	7.21	3	1	-2108	36.88	0.93	7.21	3	1	-2107	36.73	0.76	7.21	3	1
-2106	36.37	0.32	7.21	3	1	-2105	35.52	0.41	7.21	3	1	-2104	34.74	0.29	7.21	3	1
-2103	34.07	0.20	7.21	3	1	-2102	33.42	0.14	7.21	3	1	-2101	32.76	0.10	7.21	3	1
-2100	32.18	0.09	7.21	3	1	-2099	31.57	0.19	7.21	3	1	-2098	30.85	0.21	7.21	3	1
-2097	30.13	0.18	7.21	3	1	-2096	29.50	0.16	7.21	3	1	-2095	28.78	0.23	7.21	3	1
-2094	28.01	0.25	7.21	3	1	-2093	27.79	0.82	7.21	3	1	-2092	27.86	1.37	7.21	3	1
-2091	27.73	1.95	7.21	3	1	-2090	27.70	2.49	7.21	3	1	-2089	27.70	3.04	7.21	3	1
-2088	27.74	4.24	7.21	3	1	-2087	27.73	3.60	7.21	3	1	-2086	36.95	4.12	7.21	3	1
-2085	37.05	3.23	7.21	3	1	-2084	37.15	1.67	7.21	3	1	-2083	37.15	0.18	7.21	3	1
-2082	36.27	-0.50	7.21	3	1	-2081	34.80	-0.50	7.21	3	1	-2080	33.48	-0.50	7.21	3	1
-2079	32.15	-0.50	7.21	3	1	-2078	30.82	-0.50	7.21	3	1	-2077	29.52	-0.50	7.21	3	1
-2076	28.05	-0.50	7.21	3	1	-2075	27.15	0.17	7.21	3	1	-2074	27.15	3.56	7.21	3	1
-2073	30.36	6.62	7.21	3	1	-2072	30.43	6.08	7.21	3	1	-2071	29.56	6.59	7.21	3	1
-2070	29.66	6.07	7.21	3	1	-2069	28.79	6.52	7.21	3	1	-2068	28.98	6.02	7.21	3	1
-2067	28.44	5.97	7.21	3	1	-2066	31.21	6.63	7.21	3	1	-2065	32.09	6.65	7.21	3	1
-2064	34.31	6.85	7.21	3	1	-2063	33.73	6.78	7.21	3	1	-2062	32.94	6.70	7.21	3	1
-2061	34.72	6.59	7.21	3	1	-2060	35.56	6.57	7.21	3	1	-2059	34.77	6.02	7.21	3	1
-2058	35.52	6.04	7.21	3	1	-2057	31.25	6.10	7.21	3	1	-2056	33.88	6.37	7.21	3	1
-2055	33.98	5.93	7.21	3	1	-2054	32.98	6.21	7.21	3	1	-2053	32.76	6.02	7.21	3	1
-2052	32.17	6.09	7.21	3	1	-2051	32.46	5.97	7.21	3	1	-2050	32.76	5.56	7.21	3	1
-2049	32.53	5.74	7.21	3	1	-2048	32.80	5.87	7.21	3	1	-2047	33.19	5.80	7.21	3	1
-2046	28.71	7.12	7.21	3	1	-2045	28.68	7.76	7.21	3	1	-2044	29.44	7.78	7.21	3	1
-2043	29.49	7.17	7.21	3	1	-2042	28.34	8.81	7.21	3	1	-2041	28.69	8.36	7.21	3	1
-2040	28.77	8.81	7.21	3	1	-2039	29.39	8.39	7.21	3	1	-2038	29.26	8.84	7.21	3	1
-2037	29.73	8.90	7.21	3	1	-2036	29.20	9.29	7.21	3	1	-2035	28.73	9.19	7.21	3	1
-2034	28.70	9.53	7.21	3	1	-2033	28.31	9.56	7.21	3	1	-2032	28.31	9.17	7.21	3	1
-2031	29.73	9.31	7.21	3	1	-2030	31.16	7.20	7.21	3	1	-2029	30.30	7.19	7.21	3	1
-2028	31.12	7.81	7.21	3	1	-2027	30.25	7.83	7.21	3	1	-2026	31.10	8.47	7.21	3	1
-2025	30.15	8.56	7.21	3	1	-2024	31.11	9.14	7.21	3	1	-2023	30.35	9.21	7.21	3	1
-2022	32.86	7.78	7.21	3	1	-2021	32.90	7.22	7.21	3	1	-2020	32.04	7.20	7.21	3	1
-2019	32.00	7.79	7.21	3	1	-2018	32.82	8.41	7.21	3	1	-2017	31.96	8.43	7.21	3	1
-2016	32.78	9.08	7.21	3	1	-2015	31.95	9.10	7.21	3	1	-2014	33.60	9.06	7.21	3	1
-2013	34.37	9.06	7.21	3	1	-2012	35.13	9.03	7.21	3	1	-2011	33.69	7.23	7.21	3	1
-2010	33.66	7.78	7.21	3	1	-2009	33.63	8.40	7.21	3	1	-2008	34.98	7.15	7.21	3	1
-2007	34.37	7.24	7.21	3	1	-2006	34.39	7.77	7.21	3	1	-2005	34.38	8.38	7.21	3	1
-2004	35.10	8.35	7.21	3	1	-2003	35.06	7.73	7.21	3	1	-2002	38.17	9.23	7.21	3	1
-2001	37.44	9.23	7.21	3	1	-2000	35.64	7.12	7.21	3	1	-1999	35.71	7.68	7.21	3	1
-1998	36.71	9.16	7.21	3	1	-1997	35.77	8.28	7.21	3	1	-1996	35.98	8.97	7.21	3	1
-1995	28.02	10.02	7.21	3	1	-1994	28.45	9.98	7.21	3	1	-1993	29.01	9.82	7.21	3	1
-1992	29.71	9.87	7.21	3	1	-1991	30.36	9.84	7.21	3	1	-1990	31.09	9.81	7.21	3	1
-1989	31.92	9.79	7.21	3	1	-1988	32.76	9.78	7.21	3	1	-1987	33.58	9.77	7.21	3	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-1986	34.35	9.77	7.21	3	1	-1985	35.11	9.77	7.21	3	1	-1984	35.87	9.76	7.21	3	1
-1983	36.62	9.83	7.21	3	1	-1982	37.36	9.85	7.21	3	1	-1981	38.12	9.86	7.21	3	1
-1980	38.91	9.84	7.21	3	1	-1979	38.93	9.20	7.21	3	1	-1978	38.94	8.59	7.21	3	1
-1977	38.23	8.65	7.21	3	1	-1976	37.51	8.65	7.21	3	1	-1975	36.37	8.58	7.21	3	1
-1974	36.87	8.63	7.21	3	1	-1973	36.33	8.15	7.21	3	1	-1972	36.29	7.62	7.21	3	1
-1971	36.27	7.09	7.21	3	1	-1970	36.23	6.56	7.21	3	1	-1969	36.21	6.04	7.21	3	1
-1968	36.18	5.52	7.21	3	1	-1967	35.49	5.52	7.21	3	1	-1966	34.77	5.51	7.21	3	1
-1965	34.05	5.46	7.21	3	1	-1964	33.36	5.40	7.21	3	1	-1963	32.87	5.30	7.21	3	1
-1962	32.66	5.22	7.21	3	1	-1961	32.52	5.34	7.21	3	1	-1960	32.06	5.56	7.21	3	1
-1959	31.25	5.55	7.21	3	1	-1958	30.47	5.55	7.21	3	1	-1957	29.74	5.54	7.21	3	1
-1956	29.03	5.54	7.21	3	1	-1955	28.40	5.54	7.21	3	1	-1954	27.81	5.64	7.21	3	1
-1953	28.02	6.31	7.21	3	1	-1952	27.94	7.07	7.21	3	1	-1951	27.93	7.76	7.21	3	1
-1950	27.99	8.50	7.21	3	1	-1949	27.83	9.62	7.21	3	1	-1948	27.81	9.09	7.21	3	1
-1947	27.78	10.50	7.21	3	1	-1946	29.05	10.50	7.21	3	1	-1945	30.32	10.50	7.21	3	1
-1944	32.75	10.50	7.21	3	1	-1943	35.81	10.50	7.21	3	1	-1942	37.28	10.50	7.21	3	1
-1941	39.67	9.81	7.21	3	1	-1940	39.67	9.12	7.21	3	1	-1939	38.97	8.10	7.21	3	1
-1938	37.55	8.10	7.21	3	1	-1937	36.85	7.58	7.21	3	1	-1936	36.85	6.55	7.21	3	1
-1935	36.85	5.52	7.21	3	1	-1934	36.15	5.00	7.21	3	1	-1933	34.74	5.00	7.21	3	1
-1932	33.36	5.00	7.21	3	1	-1931	31.89	5.00	7.21	3	1	-1930	27.73	5.00	7.21	3	1
-1929	27.15	5.69	7.21	3	1	-1928	27.15	7.06	7.21	3	1	-1927	5.73	26.24	3.78	2	1
-1926	1.83	26.24	3.78	2	1	-1925	3.37	26.12	3.78	2	1	-1924	2.70	26.19	3.78	2	1
-1923	1.93	26.87	3.78	2	1	-1922	2.88	26.80	3.78	2	1	-1921	3.90	26.58	3.78	2	1
-1920	4.95	26.69	3.78	2	1	-1919	5.67	26.82	3.78	2	1	-1918	6.36	26.77	3.78	2	1
-1917	6.27	26.09	3.78	2	1	-1916	5.91	25.58	3.78	2	1	-1915	5.23	25.83	3.78	2	1
-1914	4.27	25.72	3.78	2	1	-1913	3.47	25.59	3.78	2	1	-1912	2.66	25.59	3.78	2	1
-1911	1.80	25.61	3.78	2	1	-1910	0.90	25.64	3.78	2	1	-1909	0.96	26.90	3.78	2	1
-1908	0.93	26.27	3.78	2	1	-1907	2.00	27.55	3.78	2	1	-1906	3.00	27.55	3.78	2	1
-1905	5.67	27.55	3.78	2	1	-1904	0.00	25.69	3.78	2	1	-1903	0.00	26.93	3.78	2	1
-1902	1.24	23.18	3.78	2	1	-1901	1.18	23.67	3.78	2	1	-1900	1.86	23.32	3.78	2	1
-1899	1.92	22.65	3.78	2	1	-1898	1.92	22.04	3.78	2	1	-1897	1.27	22.61	3.78	2	1
-1896	1.29	21.99	3.78	2	1	-1895	2.62	23.34	3.78	2	1	-1894	2.61	22.69	3.78	2	1
-1893	2.58	22.06	3.78	2	1	-1892	3.80	22.61	3.78	2	1	-1891	3.26	22.66	3.78	2	1
-1890	3.23	22.08	3.78	2	1	-1889	3.83	22.10	3.78	2	1	-1888	3.43	23.28	3.78	2	1
-1887	4.26	23.03	3.78	2	1	-1886	5.27	23.09	3.78	2	1	-1885	5.29	22.25	3.78	2	1
-1884	4.49	22.24	3.78	2	1	-1883	1.65	24.07	3.78	2	1	-1882	2.61	24.11	3.78	2	1
-1881	3.49	24.07	3.78	2	1	-1880	4.38	23.99	3.78	2	1	-1879	5.29	23.96	3.78	2	1
-1878	6.20	23.94	3.78	2	1	-1877	6.18	23.04	3.78	2	1	-1876	6.19	22.21	3.78	2	1
-1875	6.16	21.43	3.78	2	1	-1874	5.27	21.52	3.78	2	1	-1873	4.51	21.52	3.78	2	1
-1872	3.85	21.49	3.78	2	1	-1871	3.20	21.47	3.78	2	1	-1870	2.57	21.46	3.78	2	1
-1869	1.92	21.43	3.78	2	1	-1868	1.28	21.40	3.78	2	1	-1867	0.64	21.32	3.78	2	1
-1866	0.64	21.93	3.78	2	1	-1865	0.64	22.55	3.78	2	1	-1864	0.63	23.17	3.78	2	1
-1863	0.80	24.31	3.78	2	1	-1862	0.66	23.73	3.78	2	1	-1861	0.89	25.00	3.78	2	1
-1860	1.77	24.97	3.78	2	1	-1859	2.66	24.94	3.78	2	1	-1858	3.55	24.92	3.78	2	1
-1857	4.44	24.89	3.78	2	1	-1856	5.33	24.86	3.78	2	1	-1855	6.21	24.83	3.78	2	1
-1854	4.46	20.85	3.78	2	1	-1853	3.19	20.85	3.78	2	1	-1852	1.91	20.85	3.78	2	1
-1851	0.64	20.85	3.78	2	1	-1850	0.00	21.82	3.78	2	1	-1849	0.00	23.18	3.78	2	1
-1848	0.00	24.41	3.78	2	1	-1847	22.73	24.15	3.78	2	1	-1846	22.74	23.57	3.78	2	1
-1845	22.75	22.87	3.78	2	1	-1844	22.76	22.29	3.78	2	1	-1843	23.20	24.19	3.78	2	1
-1842	23.20	22.86	3.78	2	1	-1841	23.20	21.52	3.78	2	1	-1840	22.69	26.81	3.78	2	1
-1839	22.70	26.22	3.78	2	1	-1838	22.68	27.55	3.78	2	1	-1837	23.20	26.88	3.78	2	1
-1836	23.20	25.55	3.78	2	1	-1835	19.05	26.00	3.78	2	1	-1834	19.08	25.16	3.78	2	1
-1833	19.12	24.27	3.78	2	1	-1832	19.16	23.37	3.78	2	1	-1831	19.19	22.49	3.78	2	1
-1830	19.93	22.53	3.78	2	1	-1829	19.72	26.04	3.78	2	1	-1828	19.78	25.22	3.78	2	1
-1827	19.89	23.42	3.78	2	1	-1826	19.84	24.33	3.78	2	1	-1825	20.68	22.59	3.78	2	1
-1824	20.65	23.50	3.78	2	1	-1823	20.35	26.10	3.78	2	1	-1822	20.88	26.20	3.78	2	1
-1821	20.58	24.44	3.78	2	1	-1820	20.51	25.36	3.78	2	1	-1819	18.48	22.47	3.78	2	1
-1818	17.78	22.47	3.78	2	1	-1817	18.45	23.35	3.78	2	1	-1816	17.76	23.33	3.78	2	1
-1815	18.42	24.24	3.78	2	1	-1814	17.74	24.23	3.78	2	1	-1813	18.39	25.14	3.78	2	1
-1812	17.71	25.12	3.78	2	1	-1811	18.36	25.99	3.78	2	1	-1810	17.69	25.98	3.78	2	1
-1809	15.89	24.92	3.78	2	1	-1808	16.05	22.51	3.78	2	1	-1807	16.00	23.17	3.78	2	1
-1806	15.94	24.00	3.78	2	1	-1805	15.81	25.82	3.78	2	1	-1804	17.11	22.46	3.78	2	1
-1803	16.51	22.48	3.78	2	1	-1802	16.42	25.89	3.78	2	1	-1801	17.03	25.95	3.78	2	1
-1800	17.11	23.30	3.78	2	1	-1799	16.52	23.25	3.78	2	1	-1798	16.50	24.12	3.78	2	1
-1797	16.46	25.01	3.78	2	1	-1796	17.07	25.08	3.78	2	1	-1795	17.09	24.18	3.78	2	1
-1794	15.73	26.70	3.78	2	1	-1793	16.35	26.74	3.78	2	1	-1792	17.01	26.77	3.78	2	1
-1791	17.65	26.78	3.78	2	1	-1790	18.34	26.79	3.78	2	1	-1789	19.03	26.79	3.78	2	1
-1788	19.68	26.80	3.78	2	1	-1787	20.35	26.82	3.78	2	1	-1786	20.95	26.80	3.78	2	1
-1785	21.52	26.66	3.78	2	1	-1784	21.29	25.69	3.78	2	1	-1783	21.39	24.60	3.78	2	1
-1782	21.44	23.62	3.78	2	1	-1781	21.48	22.67	3.78	2	1	-1780	21.51	21.76	3.78	2	1
-1779	20.71	21.71	3.78	2	1	-1778	19.95	21.68	3.78	2	1	-1777	19.22	21.66	3.78	2	1
-1776	18.50	21.65	3.78	2	1	-1775	17.78	21.65	3.78	2	1	-1774	17.08	21.66	3.78	2	1
-1773	16.39	21.72	3.78	2	1	-1772	15.67	21.96	3.78	2	1	-1771	15.45	22.92	3.78	2	1
-1770	15.37	23.86	3.78	2	1	-1769	15.30	24.79	3.78	2	1	-1768	15.14	26.65	3.78	2	1
-1767	15.24	25.73	3.78	2	1	-1766	15.04	27.55	3.78	2	1	-1765	16.27	27.55	3.78	2	1



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

-1764	18.32	27.55	3.78	2	1	-1763	20.38	27.55	3.78	2	1	-1762	21.62	27.55	3.78	2	1
-1761	22.18	26.59	3.78	2	1	-1760	22.21	25.64	3.78	2	1	-1759	22.24	24.68	3.78	2	1
-1758	22.27	23.72	3.78	2	1	-1757	22.30	22.76	3.78	2	1	-1756	22.34	21.81	3.78	2	1
-1755	19.97	20.85	3.78	2	1	-1754	18.51	20.85	3.78	2	1	-1753	17.05	20.85	3.78	2	1
-1752	15.61	20.85	3.78	2	1	-1751	14.84	21.81	3.78	2	1	-1750	14.79	22.76	3.78	2	1
-1749	14.73	23.72	3.78	2	1	-1748	14.68	24.68	3.78	2	1	-1747	14.63	25.64	3.78	2	1
-1746	14.58	26.59	3.78	2	1	-1745	14.58	26.59	3.78	2	1	-1744	14.63	25.64	3.78	2	1
-1743	14.68	24.68	3.78	2	1	-1742	14.73	23.72	3.78	2	1	-1741	14.78	22.76	3.78	2	1
-1740	14.83	21.81	3.78	2	1	-1739	11.55	24.05	3.78	2	1	-1738	11.64	23.35	3.78	2	1
-1737	11.17	23.25	3.78	2	1	-1736	11.29	22.28	3.78	2	1	-1735	11.23	22.74	3.78	2	1
-1734	11.61	22.29	3.78	2	1	-1733	11.63	22.74	3.78	2	1	-1732	11.01	26.47	3.78	2	1
-1731	11.56	25.01	3.78	2	1	-1730	11.53	25.92	3.78	2	1	-1729	11.50	26.50	3.78	2	1
-1728	12.00	26.56	3.78	2	1	-1727	13.44	23.28	3.78	2	1	-1726	13.42	23.82	3.78	2	1
-1725	13.22	22.57	3.78	2	1	-1724	12.63	22.54	3.78	2	1	-1723	12.09	22.61	3.78	2	1
-1722	13.00	23.77	3.78	2	1	-1721	13.06	23.23	3.78	2	1	-1720	12.66	23.72	3.78	2	1
-1719	12.63	23.20	3.78	2	1	-1718	12.17	23.34	3.78	2	1	-1717	12.45	26.23	3.78	2	1
-1716	13.26	24.86	3.78	2	1	-1715	13.34	24.39	3.78	2	1	-1714	12.57	25.11	3.78	2	1
-1713	12.89	24.78	3.78	2	1	-1712	12.90	24.29	3.78	2	1	-1711	12.36	24.12	3.78	2	1
-1710	8.76	25.79	3.78	2	1	-1709	10.62	26.00	3.78	2	1	-1708	9.65	25.85	3.78	2	1
-1707	10.63	24.89	3.78	2	1	-1706	10.65	23.66	3.78	2	1	-1705	10.11	23.11	3.78	2	1
-1704	10.16	22.48	3.78	2	1	-1703	10.77	22.69	3.78	2	1	-1702	8.80	24.87	3.78	2	1
-1701	9.68	24.89	3.78	2	1	-1700	8.80	23.97	3.78	2	1	-1699	9.67	23.92	3.78	2	1
-1698	9.51	23.15	3.78	2	1	-1697	9.47	22.41	3.78	2	1	-1696	8.74	23.14	3.78	2	1
-1695	8.72	22.33	3.78	2	1	-1694	8.68	26.68	3.78	2	1	-1693	9.53	26.72	3.78	2	1
-1692	10.32	26.80	3.78	2	1	-1691	10.94	26.96	3.78	2	1	-1690	11.48	26.99	3.78	2	1
-1689	12.02	27.02	3.78	2	1	-1688	12.61	26.94	3.78	2	1	-1687	13.20	27.02	3.78	2	1
-1686	13.54	26.55	3.78	2	1	-1685	13.55	25.35	3.78	2	1	-1684	13.87	24.55	3.78	2	1
-1683	13.95	23.73	3.78	2	1	-1682	13.86	22.84	3.78	2	1	-1681	14.02	21.80	3.78	2	1
-1680	13.31	21.74	3.78	2	1	-1679	12.63	21.74	3.78	2	1	-1678	11.86	21.86	3.78	2	1
-1677	11.04	21.87	3.78	2	1	-1676	10.24	21.71	3.78	2	1	-1675	9.50	21.63	3.78	2	1
-1674	8.69	21.57	3.78	2	1	-1673	7.90	21.45	3.78	2	1	-1672	7.91	22.23	3.78	2	1
-1671	7.93	23.07	3.78	2	1	-1670	7.95	23.95	3.78	2	1	-1669	7.94	24.84	3.78	2	1
-1668	7.88	26.65	3.78	2	1	-1667	7.93	25.75	3.78	2	1	-1666	7.83	27.55	3.78	2	1
-1665	10.22	27.55	3.78	2	1	-1664	11.47	27.55	3.78	2	1	-1663	12.72	27.55	3.78	2	1
-1662	13.96	27.55	3.78	2	1	-1661	14.53	26.59	3.78	2	1	-1660	14.58	25.64	3.78	2	1
-1659	14.63	24.68	3.78	2	1	-1658	14.68	23.72	3.78	2	1	-1657	14.73	22.76	3.78	2	1
-1656	14.78	21.81	3.78	2	1	-1655	14.12	20.85	3.78	2	1	-1654	12.68	20.85	3.78	2	1
-1653	10.28	20.85	3.78	2	1	-1652	7.88	20.85	3.78	2	1	-1651	7.10	22.06	3.78	2	1
-1650	7.10	22.98	3.78	2	1	-1649	7.10	23.89	3.78	2	1	-1648	7.10	24.81	3.78	2	1
-1647	7.10	25.72	3.78	2	1	-1646	7.10	26.64	3.78	2	1	-1645	0.89	20.75	3.78	2	1
-1644	1.77	20.75	3.78	2	1	-1643	2.66	20.75	3.78	2	1	-1642	3.55	20.75	3.78	2	1
-1641	4.44	20.75	3.78	2	1	-1640	5.33	20.75	3.78	2	1	-1639	6.21	20.75	3.78	2	1
-1638	7.10	20.18	3.78	2	1	-1637	1.68	13.91	3.78	2	1	-1636	2.19	13.97	3.78	2	1
-1635	0.51	14.37	3.78	2	1	-1634	0.57	14.00	3.78	2	1	-1633	2.05	14.44	3.78	2	1
-1632	1.57	14.25	3.78	2	1	-1631	1.10	14.06	3.78	2	1	-1630	1.44	14.57	3.78	2	1
-1629	0.98	14.47	3.78	2	1	-1628	3.88	14.32	3.78	2	1	-1627	3.33	14.12	3.78	2	1
-1626	2.76	14.04	3.78	2	1	-1625	3.18	14.65	3.78	2	1	-1624	2.67	14.56	3.78	2	1
-1623	4.56	14.41	3.78	2	1	-1622	5.87	14.92	3.78	2	1	-1621	5.26	14.43	3.78	2	1
-1620	5.87	14.27	3.78	2	1	-1619	6.47	14.25	3.78	2	1	-1618	6.41	14.97	3.78	2	1
-1617	7.10	15.03	3.78	2	1	-1616	7.10	14.27	3.78	2	1	-1615	0.00	14.07	3.78	2	1
-1614	5.87	18.66	3.78	2	1	-1613	5.53	18.70	3.78	2	1	-1612	5.85	18.00	3.78	2	1
-1611	5.88	18.34	3.78	2	1	-1610	4.93	18.51	3.78	2	1	-1609	5.45	18.38	3.78	2	1
-1608	5.41	17.95	3.78	2	1	-1607	2.57	18.21	3.78	2	1	-1606	1.77	18.22	3.78	2	1
-1605	1.75	18.94	3.78	2	1	-1604	2.59	18.88	3.78	2	1	-1603	5.52	17.47	3.78	2	1
-1602	5.71	16.99	3.78	2	1	-1601	3.34	18.16	3.78	2	1	-1600	4.80	17.94	3.78	2	1
-1599	4.72	17.23	3.78	2	1	-1598	4.09	18.07	3.78	2	1	-1597	3.41	18.79	3.78	2	1
-1596	4.20	18.67	3.78	2	1	-1595	3.29	17.59	3.78	2	1	-1594	3.97	17.50	3.78	2	1
-1593	3.32	16.59	3.78	2	1	-1592	3.24	17.09	3.78	2	1	-1591	3.76	17.12	3.78	2	1
-1590	4.02	16.77	3.78	2	1	-1589	1.46	16.98	3.78	2	1	-1588	1.97	17.04	3.78	2	1
-1587	1.83	17.55	3.78	2	1	-1586	2.57	17.60	3.78	2	1	-1585	2.60	17.06	3.78	2	1
-1584	1.96	16.18	3.78	2	1	-1583	1.98	16.58	3.78	2	1	-1582	2.59	16.53	3.78	2	1
-1581	1.42	16.57	3.78	2	1	-1580	1.44	16.08	3.78	2	1	-1579	1.76	19.68	3.78	2	1
-1578	2.62	19.58	3.78	2	1	-1577	3.49	19.45	3.78	2	1	-1576	4.35	19.30	3.78	2	1
-1575	5.27	19.06	3.78	2	1	-1574	6.16	18.94	3.78	2	1	-1573	6.35	18.33	3.78	2	1
-1572	6.23	17.71	3.78	2	1	-1571	6.32	17.04	3.78	2	1	-1570	6.22	16.40	3.78	2	1
-1569	5.25	16.46	3.78	2	1	-1568	4.29	16.15	3.78	2	1	-1567	3.40	15.97	3.78	2	1
-1566	2.45	15.88	3.78	2	1	-1565	1.62	15.59	3.78	2	1	-1564	0.82	15.43	3.78	2	1
-1563	0.76	16.00	3.78	2	1	-1562	0.79	16.63	3.78	2	1	-1561	1.00	17.34	3.78	2	1
-1560	0.91	18.19	3.78	2	1	-1559	0.88	19.75	3.78	2	1	-1558	0.89	18.97	3.78	2	1
-1557	0.89	20.60	3.78	2	1	-1556	1.77	20.45	3.78	2	1	-1555	2.66	20.30	3.78	2	1
-1554	3.55	20.15	3.78	2	1	-1553	4.44	20.00	3.78	2	1	-1552	5.33	19.85	3.78	2	1
-1551	6.21	19.71	3.78	2	1	-1550	7.10	18.94	3.78	2	1	-1549	7.10	17.69	3.78	2	1
-1548	7.10	16.43	3.78	2	1	-1547	6.21	15.66	3.78	2	1	-1546	5.33	15.53	3.78	2	1
-1545	4.44	15.39	3.78	2	1	-1544	3.55	15.26	3.78	2	1	-1543	2.66	15.12	3.78	2	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-1542	1.77	14.98	3.78	2	1	-1541	0.89	14.85	3.78	2	1	-1540	0.00	15.28	3.78	2	1
-1539	0.00	16.60	3.78	2	1	-1538	0.00	19.00	3.78	2	1	-1537	1.74	1.40	3.78	2	1
-1536	2.63	1.39	3.78	2	1	-1535	3.51	1.38	3.78	2	1	-1534	4.40	1.37	3.78	2	1
-1533	5.29	1.37	3.78	2	1	-1532	6.20	1.39	3.78	2	1	-1531	6.18	0.74	3.78	2	1
-1530	5.25	0.70	3.78	2	1	-1529	4.34	0.69	3.78	2	1	-1528	3.47	0.69	3.78	2	1
-1527	2.60	0.70	3.78	2	1	-1526	1.76	0.70	3.78	2	1	-1525	0.97	0.72	3.78	2	1
-1524	0.47	0.78	3.78	2	1	-1523	0.81	1.38	3.78	2	1	-1522	0.42	1.08	3.78	2	1
-1521	6.15	0.00	3.78	2	1	-1520	5.21	0.00	3.78	2	1	-1519	3.41	0.00	3.78	2	1
-1518	2.56	0.00	3.78	2	1	-1517	1.70	0.00	3.78	2	1	-1516	0.85	0.00	3.78	2	1
-1515	0.00	0.53	3.78	2	1	-1514	0.00	1.58	3.78	2	1	-1513	4.11	12.18	3.78	2	1
-1512	4.15	11.45	3.78	2	1	-1511	4.18	10.65	3.78	2	1	-1510	4.86	10.72	3.78	2	1
-1509	4.79	11.52	3.78	2	1	-1508	4.73	12.22	3.78	2	1	-1507	5.31	12.27	3.78	2	1
-1506	5.79	12.35	3.78	2	1	-1505	5.54	10.80	3.78	2	1	-1504	5.47	11.63	3.78	2	1
-1503	5.16	7.48	3.78	2	1	-1502	5.71	7.51	3.78	2	1	-1501	4.23	9.79	3.78	2	1
-1500	4.29	8.88	3.78	2	1	-1499	4.42	7.92	3.78	2	1	-1498	4.91	9.86	3.78	2	1
-1497	5.60	9.93	3.78	2	1	-1496	5.05	8.16	3.78	2	1	-1495	4.96	8.99	3.78	2	1
-1494	5.64	9.07	3.78	2	1	-1493	5.68	8.24	3.78	2	1	-1492	1.43	7.44	3.78	2	1
-1491	1.03	7.40	3.78	2	1	-1490	3.62	7.85	3.78	2	1	-1489	3.57	8.80	3.78	2	1
-1488	3.54	9.72	3.78	2	1	-1487	3.52	10.59	3.78	2	1	-1486	2.84	10.54	3.78	2	1
-1485	2.81	7.84	3.78	2	1	-1484	2.84	9.67	3.78	2	1	-1483	2.83	8.76	3.78	2	1
-1482	2.04	7.87	3.78	2	1	-1481	1.45	7.98	3.78	2	1	-1480	0.99	7.87	3.78	2	1
-1479	0.95	8.32	3.78	2	1	-1478	2.08	8.75	3.78	2	1	-1477	1.32	8.69	3.78	2	1
-1476	2.15	10.49	3.78	2	1	-1475	2.13	9.62	3.78	2	1	-1474	1.44	10.45	3.78	2	1
-1473	1.40	9.62	3.78	2	1	-1472	3.49	11.41	3.78	2	1	-1471	2.83	11.35	3.78	2	1
-1470	2.15	11.30	3.78	2	1	-1469	1.45	11.27	3.78	2	1	-1468	3.47	12.14	3.78	2	1
-1467	2.82	12.11	3.78	2	1	-1466	2.15	12.07	3.78	2	1	-1465	1.42	12.04	3.78	2	1
-1464	4.75	6.83	3.78	2	1	-1463	5.19	6.16	3.78	2	1	-1462	5.11	5.54	3.78	2	1
-1461	4.44	5.75	3.78	2	1	-1460	5.63	6.81	3.78	2	1	-1459	5.74	5.46	3.78	2	1
-1458	5.74	6.14	3.78	2	1	-1457	5.72	4.75	3.78	2	1	-1456	4.35	4.85	3.78	2	1
-1455	5.05	4.80	3.78	2	1	-1454	4.37	3.97	3.78	2	1	-1453	5.05	4.08	3.78	2	1
-1452	5.69	4.06	3.78	2	1	-1451	5.08	3.51	3.78	2	1	-1450	5.64	3.41	3.78	2	1
-1449	2.73	6.89	3.78	2	1	-1448	3.67	6.84	3.78	2	1	-1447	2.64	5.90	3.78	2	1
-1446	3.57	5.84	3.78	2	1	-1445	1.61	5.99	3.78	2	1	-1444	1.13	6.41	3.78	2	1
-1443	1.13	6.90	3.78	2	1	-1442	1.80	7.02	3.78	2	1	-1441	3.52	4.88	3.78	2	1
-1440	3.53	3.95	3.78	2	1	-1439	1.69	4.95	3.78	2	1	-1438	2.63	4.92	3.78	2	1
-1437	2.60	3.95	3.78	2	1	-1436	1.67	3.98	3.78	2	1	-1435	1.40	12.78	3.78	2	1
-1434	2.15	12.80	3.78	2	1	-1433	2.83	12.82	3.78	2	1	-1432	3.46	12.84	3.78	2	1
-1431	4.08	12.85	3.78	2	1	-1430	4.69	12.87	3.78	2	1	-1429	5.29	12.88	3.78	2	1
-1428	5.84	12.86	3.78	2	1	-1427	6.41	12.74	3.78	2	1	-1426	6.21	11.90	3.78	2	1
-1425	6.29	10.91	3.78	2	1	-1424	6.33	9.99	3.78	2	1	-1423	6.35	9.11	3.78	2	1
-1422	6.38	8.26	3.78	2	1	-1421	6.38	7.51	3.78	2	1	-1420	6.38	6.81	3.78	2	1
-1419	6.40	6.11	3.78	2	1	-1418	6.41	5.42	3.78	2	1	-1417	6.40	4.72	3.78	2	1
-1416	6.38	4.01	3.78	2	1	-1415	6.34	3.31	3.78	2	1	-1414	6.27	2.67	3.78	2	1
-1413	5.45	2.79	3.78	2	1	-1412	4.58	3.06	3.78	2	1	-1411	3.56	3.01	3.78	2	1
-1410	2.59	3.00	3.78	2	1	-1409	1.49	2.97	3.78	2	1	-1408	0.72	2.52	3.78	2	1
-1407	0.47	2.82	3.78	2	1	-1406	0.71	3.26	3.78	2	1	-1405	0.80	4.05	3.78	2	1
-1404	0.82	4.92	3.78	2	1	-1403	0.77	5.76	3.78	2	1	-1402	0.62	6.33	3.78	2	1
-1401	0.57	6.85	3.78	2	1	-1400	0.53	7.36	3.78	2	1	-1399	0.51	7.87	3.78	2	1
-1398	0.53	8.36	3.78	2	1	-1397	0.64	8.91	3.78	2	1	-1396	0.70	9.63	3.78	2	1
-1395	0.72	10.43	3.78	2	1	-1394	0.72	11.25	3.78	2	1	-1393	0.69	12.76	3.78	2	1
-1392	0.72	12.03	3.78	2	1	-1391	0.65	13.50	3.78	2	1	-1390	2.86	13.50	3.78	2	1
-1389	4.07	13.50	3.78	2	1	-1388	5.28	13.50	3.78	2	1	-1387	6.49	13.50	3.78	2	1
-1386	6.21	2.02	3.78	2	1	-1385	5.33	2.03	3.78	2	1	-1384	4.44	2.05	3.78	2	1
-1383	3.55	2.07	3.78	2	1	-1382	2.66	2.08	3.78	2	1	-1381	1.77	2.10	3.78	2	1
-1380	0.89	2.12	3.78	2	1	-1379	0.00	2.68	3.78	2	1	-1378	0.00	4.07	3.78	2	1
-1377	0.00	4.93	3.78	2	1	-1376	0.00	6.32	3.78	2	1	-1375	0.00	7.35	3.78	2	1
-1374	0.00	8.38	3.78	2	1	-1373	0.00	9.62	3.78	2	1	-1372	0.00	12.03	3.78	2	1
-1371	9.54	5.12	3.78	2	1	-1370	9.60	5.46	3.78	2	1	-1369	8.31	5.03	3.78	2	1
-1368	8.64	5.00	3.78	2	1	-1367	9.20	5.52	3.78	2	1	-1366	9.09	5.16	3.78	2	1
-1365	8.82	5.59	3.78	2	1	-1364	8.71	5.27	3.78	2	1	-1363	8.35	5.42	3.78	2	1
-1362	9.31	5.98	3.78	2	1	-1361	8.57	5.94	3.78	2	1	-1360	8.04	2.42	3.78	2	1
-1359	8.54	2.41	3.78	2	1	-1358	9.13	2.83	3.78	2	1	-1357	8.59	3.31	3.78	2	1
-1356	8.58	2.89	3.78	2	1	-1355	8.23	3.37	3.78	2	1	-1354	8.16	2.94	3.78	2	1
-1353	8.91	4.66	3.78	2	1	-1352	8.91	3.69	3.78	2	1	-1351	12.08	5.65	3.78	2	1
-1350	10.04	5.70	3.78	2	1	-1349	11.09	5.68	3.78	2	1	-1348	12.38	2.46	3.78	2	1
-1347	12.40	2.13	3.78	2	1	-1346	12.66	2.50	3.78	2	1	-1345	13.00	2.59	3.78	2	1
-1344	12.79	2.13	3.78	2	1	-1343	13.03	2.24	3.78	2	1	-1342	12.80	3.37	3.78	2	1
-1341	12.89	2.97	3.78	2	1	-1340	12.47	3.31	3.78	2	1	-1339	12.52	2.89	3.78	2	1
-1338	12.07	4.71	3.78	2	1	-1337	12.14	3.66	3.78	2	1	-1336	12.02	2.72	3.78	2	1
-1335	9.90	4.81	3.78	2	1	-1334	11.05	4.73	3.78	2	1	-1333	11.05	3.75	3.78	2	1
-1332	11.05	2.78	3.78	2	1	-1331	10.03	2.82	3.78	2	1	-1330	10.00	3.76	3.78	2	1
-1329	12.11	6.55	3.78	2	1	-1328	12.14	7.42	3.78	2	1	-1327	11.24	7.45	3.78	2	1
-1326	11.18	6.57	3.78	2	1	-1325	11.28	8.30	3.78	2	1	-1324	11.30	9.17	3.78	2	1
-1323	12.17	9.15	3.78	2	1	-1322	12.15	8.28	3.78	2	1	-1321	10.44	9.18	3.78	2	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-1320	10.40	8.32	3.78	2	1	-1319	10.34	7.47	3.78	2	1	-1318	10.25	6.62	3.78	2	1
-1317	9.41	6.71	3.78	2	1	-1316	9.49	7.51	3.78	2	1	-1315	9.54	8.34	3.78	2	1
-1314	9.59	9.18	3.78	2	1	-1313	8.62	6.74	3.78	2	1	-1312	8.71	8.33	3.78	2	1
-1311	8.66	7.52	3.78	2	1	-1310	8.75	9.18	3.78	2	1	-1309	8.79	10.04	3.78	2	1
-1308	9.63	10.04	3.78	2	1	-1307	12.18	10.02	3.78	2	1	-1306	10.48	10.04	3.78	2	1
-1305	11.33	10.02	3.78	2	1	-1304	11.36	10.85	3.78	2	1	-1303	12.16	10.87	3.78	2	1
-1302	10.54	10.88	3.78	2	1	-1301	9.68	10.91	3.78	2	1	-1300	8.82	10.92	3.78	2	1
-1299	8.87	11.78	3.78	2	1	-1298	9.76	11.75	3.78	2	1	-1297	11.45	12.13	3.78	2	1
-1296	11.38	11.59	3.78	2	1	-1295	10.66	11.71	3.78	2	1	-1294	12.15	11.65	3.78	2	1
-1293	12.00	12.22	3.78	2	1	-1292	12.60	12.34	3.78	2	1	-1291	8.92	12.64	3.78	2	1
-1290	9.89	12.62	3.78	2	1	-1289	10.94	12.55	3.78	2	1	-1288	11.89	12.80	3.78	2	1
-1287	12.75	12.89	3.78	2	1	-1286	13.22	13.20	3.78	2	1	-1285	13.56	13.19	3.78	2	1
-1284	13.31	12.66	3.78	2	1	-1283	12.98	11.88	3.78	2	1	-1282	13.03	10.93	3.78	2	1
-1281	13.03	10.03	3.78	2	1	-1280	13.03	9.14	3.78	2	1	-1279	13.03	8.25	3.78	2	1
-1278	13.02	7.40	3.78	2	1	-1277	13.01	6.54	3.78	2	1	-1276	13.00	5.66	3.78	2	1
-1275	13.00	4.74	3.78	2	1	-1274	13.02	3.76	3.78	2	1	-1273	13.30	3.10	3.78	2	1
-1272	13.38	2.57	3.78	2	1	-1271	13.34	2.09	3.78	2	1	-1270	13.00	1.63	3.78	2	1
-1269	12.10	1.84	3.78	2	1	-1268	11.02	1.83	3.78	2	1	-1267	10.01	1.86	3.78	2	1
-1266	8.92	1.94	3.78	2	1	-1265	7.95	1.74	3.78	2	1	-1264	7.54	2.10	3.78	2	1
-1263	7.61	2.55	3.78	2	1	-1262	7.71	3.12	3.78	2	1	-1261	8.00	3.77	3.78	2	1
-1260	8.02	4.73	3.78	2	1	-1259	7.81	5.39	3.78	2	1	-1258	7.83	6.06	3.78	2	1
-1257	7.85	6.78	3.78	2	1	-1256	7.88	7.53	3.78	2	1	-1255	7.90	8.30	3.78	2	1
-1254	7.92	9.15	3.78	2	1	-1253	7.94	10.04	3.78	2	1	-1252	7.96	10.92	3.78	2	1
-1251	8.00	12.65	3.78	2	1	-1250	7.98	11.80	3.78	2	1	-1249	8.96	13.50	3.78	2	1
-1248	9.92	13.50	3.78	2	1	-1247	10.88	13.50	3.78	2	1	-1246	11.84	13.50	3.78	2	1
-1245	13.32	13.50	3.78	2	1	-1244	12.93	0.85	3.78	2	1	-1243	11.96	0.85	3.78	2	1
-1242	10.99	0.85	3.78	2	1	-1241	10.01	0.85	3.78	2	1	-1240	9.04	0.85	3.78	2	1
-1239	8.07	0.85	3.78	2	1	-1238	7.10	1.43	3.78	2	1	-1237	7.10	2.58	3.78	2	1
-1236	7.10	4.70	3.78	2	1	-1235	7.10	6.10	3.78	2	1	-1234	7.10	7.50	3.78	2	1
-1233	7.10	9.11	3.78	2	1	-1232	7.10	10.03	3.78	2	1	-1231	7.10	10.94	3.78	2	1
-1230	16.75	10.96	3.78	2	1	-1229	14.89	12.66	3.78	2	1	-1228	16.73	11.83	3.78	2	1
-1227	15.81	12.66	3.78	2	1	-1226	16.71	12.67	3.78	2	1	-1225	14.82	8.24	3.78	2	1
-1224	14.83	9.13	3.78	2	1	-1223	16.75	10.05	3.78	2	1	-1222	16.73	9.13	3.78	2	1
-1221	15.77	9.14	3.78	2	1	-1220	15.74	8.24	3.78	2	1	-1219	16.68	8.22	3.78	2	1
-1218	17.76	11.00	3.78	2	1	-1217	18.87	11.11	3.78	2	1	-1216	19.38	11.59	3.78	2	1
-1215	19.97	11.53	3.78	2	1	-1214	19.83	10.89	3.78	2	1	-1213	19.99	12.82	3.78	2	1
-1212	19.99	12.16	3.78	2	1	-1211	17.66	11.87	3.78	2	1	-1210	17.60	12.70	3.78	2	1
-1209	19.30	12.13	3.78	2	1	-1208	18.57	11.96	3.78	2	1	-1207	18.47	12.74	3.78	2	1
-1206	19.26	12.80	3.78	2	1	-1205	17.76	10.06	3.78	2	1	-1204	18.82	10.08	3.78	2	1
-1203	19.79	10.12	3.78	2	1	-1202	19.83	9.33	3.78	2	1	-1201	19.97	8.68	3.78	2	1
-1200	19.38	8.56	3.78	2	1	-1199	17.74	9.11	3.78	2	1	-1198	18.85	9.04	3.78	2	1
-1197	20.00	8.03	3.78	2	1	-1196	17.62	8.18	3.78	2	1	-1195	18.56	8.10	3.78	2	1
-1194	19.29	7.95	3.78	2	1	-1193	20.21	1.61	3.78	2	1	-1192	19.56	1.60	3.78	2	1
-1191	17.67	1.35	3.78	2	1	-1190	18.89	1.62	3.78	2	1	-1189	18.22	1.67	3.78	2	1
-1188	17.72	1.82	3.78	2	1	-1187	19.11	3.59	3.78	2	1	-1186	18.97	3.02	3.78	2	1
-1185	18.91	2.34	3.78	2	1	-1184	20.15	2.33	3.78	2	1	-1183	19.57	2.30	3.78	2	1
-1182	20.16	2.87	3.78	2	1	-1181	19.61	2.94	3.78	2	1	-1180	19.79	3.55	3.78	2	1
-1179	18.27	2.39	3.78	2	1	-1178	17.73	2.34	3.78	2	1	-1177	17.71	2.79	3.78	2	1
-1176	18.17	3.19	3.78	2	1	-1175	18.66	4.19	3.78	2	1	-1174	18.66	5.44	3.78	2	1
-1173	18.45	6.35	3.78	2	1	-1172	18.44	7.21	3.78	2	1	-1171	19.41	5.81	3.78	2	1
-1170	19.07	5.87	3.78	2	1	-1169	19.30	7.11	3.78	2	1	-1168	19.62	6.68	3.78	2	1
-1167	19.54	6.22	3.78	2	1	-1166	19.06	6.39	3.78	2	1	-1165	15.78	10.04	3.78	2	1
-1164	14.86	11.81	3.78	2	1	-1163	15.79	11.81	3.78	2	1	-1162	15.79	10.94	3.78	2	1
-1161	14.84	10.93	3.78	2	1	-1160	14.84	10.03	3.78	2	1	-1159	19.70	4.31	3.78	2	1
-1158	19.71	5.32	3.78	2	1	-1157	20.01	7.33	3.78	2	1	-1156	19.99	6.04	3.78	2	1
-1155	20.09	6.71	3.78	2	1	-1154	14.80	6.50	3.78	2	1	-1153	14.80	7.37	3.78	2	1
-1152	15.72	7.35	3.78	2	1	-1151	16.63	7.32	3.78	2	1	-1150	17.57	7.27	3.78	2	1
-1149	15.69	6.46	3.78	2	1	-1148	16.63	6.41	3.78	2	1	-1147	17.53	6.37	3.78	2	1
-1146	14.78	5.61	3.78	2	1	-1145	14.76	4.72	3.78	2	1	-1144	15.63	4.63	3.78	2	1
-1143	15.69	5.55	3.78	2	1	-1142	16.57	4.54	3.78	2	1	-1141	16.60	5.49	3.78	2	1
-1140	17.60	5.43	3.78	2	1	-1139	17.52	4.43	3.78	2	1	-1138	14.35	1.32	3.78	2	1
-1137	14.71	3.83	3.78	2	1	-1136	14.91	1.66	3.78	2	1	-1135	14.94	2.25	3.78	2	1
-1134	14.63	2.99	3.78	2	1	-1133	14.47	2.41	3.78	2	1	-1132	14.41	1.82	3.78	2	1
-1131	15.56	1.74	3.78	2	1	-1130	15.57	3.68	3.78	2	1	-1129	15.42	2.66	3.78	2	1
-1128	16.47	3.59	3.78	2	1	-1127	17.36	3.51	3.78	2	1	-1126	17.18	2.82	3.78	2	1
-1125	17.26	2.33	3.78	2	1	-1124	16.45	2.62	3.78	2	1	-1123	16.83	2.26	3.78	2	1
-1122	16.30	1.76	3.78	2	1	-1121	16.81	1.82	3.78	2	1	-1120	16.82	1.35	3.78	2	1
-1119	17.25	1.38	3.78	2	1	-1118	14.47	13.50	3.78	2	1	-1117	15.86	13.50	3.78	2	1
-1116	16.72	13.50	3.78	2	1	-1115	17.58	13.50	3.78	2	1	-1114	18.44	13.50	3.78	2	1
-1113	20.00	13.50	3.78	2	1	-1112	19.61	0.85	3.78	2	1	-1111	18.82	0.85	3.78	2	1
-1110	18.04	0.85	3.78	2	1	-1109	16.41	0.85	3.78	2	1	-1108	15.57	0.85	3.78	2	1
-1107	14.74	0.85	3.78	2	1	-1106	13.90	3.92	3.78	2	1	-1105	13.90	4.80	3.78	2	1
-1104	13.90	5.67	3.78	2	1	-1103	13.90	9.11	3.78	2	1	-1102	13.90	10.03	3.78	2	1
-1101	13.90	10.94	3.78	2	1	-1100	28.63	2.98	3.78	2	1	-1099	28.22	3.02	3.78	2	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-1098	28.33	3.56	3.78	2	1	-1097	29.01	3.35	3.78	2	1	-1096	28.25	2.05	3.78	2	1
-1095	28.21	2.52	3.78	2	1	-1094	28.64	2.13	3.78	2	1	-1093	28.67	2.55	3.78	2	1
-1092	29.14	2.57	3.78	2	1	-1091	29.49	0.73	3.78	2	1	-1090	29.47	1.20	3.78	2	1
-1089	28.23	0.52	3.78	2	1	-1088	28.54	0.52	3.78	2	1	-1087	29.02	1.83	3.78	2	1
-1086	28.98	1.22	3.78	2	1	-1085	28.98	0.75	3.78	2	1	-1084	28.40	1.59	3.78	2	1
-1083	28.55	1.18	3.78	2	1	-1082	28.54	0.80	3.78	2	1	-1081	28.18	1.11	3.78	2	1
-1080	28.20	0.81	3.78	2	1	-1079	32.72	0.68	3.78	2	1	-1078	32.20	0.58	3.78	2	1
-1077	32.54	1.27	3.78	2	1	-1076	30.10	0.88	3.78	2	1	-1075	30.86	0.95	3.78	2	1
-1074	31.77	0.97	3.78	2	1	-1073	33.76	1.42	3.78	2	1	-1072	33.25	1.38	3.78	2	1
-1071	33.33	0.77	3.78	2	1	-1070	33.94	0.86	3.78	2	1	-1069	34.53	1.10	3.78	2	1
-1068	35.33	1.24	3.78	2	1	-1067	35.71	1.03	3.78	2	1	-1066	35.80	0.72	3.78	2	1
-1065	36.34	1.22	3.78	2	1	-1064	36.02	1.12	3.78	2	1	-1063	35.89	1.57	3.78	2	1
-1062	36.17	0.77	3.78	2	1	-1061	36.50	0.95	3.78	2	1	-1060	34.99	2.19	3.78	2	1
-1059	34.82	3.17	3.78	2	1	-1058	35.72	2.33	3.78	2	1	-1057	35.58	3.22	3.78	2	1
-1056	29.84	1.63	3.78	2	1	-1055	29.90	2.57	3.78	2	1	-1054	29.84	3.41	3.78	2	1
-1053	30.77	1.78	3.78	2	1	-1052	31.63	1.89	3.78	2	1	-1051	32.48	2.05	3.78	2	1
-1050	34.12	1.98	3.78	2	1	-1049	33.26	2.10	3.78	2	1	-1048	30.70	2.64	3.78	2	1
-1047	30.63	3.47	3.78	2	1	-1046	31.55	2.76	3.78	2	1	-1045	31.40	3.55	3.78	2	1
-1044	33.94	3.16	3.78	2	1	-1043	33.58	3.50	3.78	2	1	-1042	33.54	3.90	3.78	2	1
-1041	32.43	2.97	3.78	2	1	-1040	32.76	3.42	3.78	2	1	-1039	33.17	3.48	3.78	2	1
-1038	33.22	2.92	3.78	2	1	-1037	32.49	4.18	3.78	2	1	-1036	32.63	3.82	3.78	2	1
-1035	32.14	3.67	3.78	2	1	-1034	33.10	4.00	3.78	2	1	-1033	32.74	4.36	3.78	2	1
-1032	28.36	4.25	3.78	2	1	-1031	29.06	4.21	3.78	2	1	-1030	29.82	4.22	3.78	2	1
-1029	30.57	4.25	3.78	2	1	-1028	31.31	4.29	3.78	2	1	-1027	32.07	4.35	3.78	2	1
-1026	32.52	4.62	3.78	2	1	-1025	32.67	4.75	3.78	2	1	-1024	32.86	4.64	3.78	2	1
-1023	33.31	4.45	3.78	2	1	-1022	33.93	4.12	3.78	2	1	-1021	34.74	4.11	3.78	2	1
-1020	35.50	4.12	3.78	2	1	-1019	36.22	4.12	3.78	2	1	-1018	36.32	3.24	3.78	2	1
-1017	36.42	2.38	3.78	2	1	-1016	36.51	1.58	3.78	2	1	-1015	36.76	1.11	3.78	2	1
-1014	36.88	0.93	3.78	2	1	-1013	36.73	0.76	3.78	2	1	-1012	36.37	0.32	3.78	2	1
-1011	35.52	0.41	3.78	2	1	-1010	34.74	0.29	3.78	2	1	-1009	34.07	0.20	3.78	2	1
-1008	33.42	0.14	3.78	2	1	-1007	32.76	0.10	3.78	2	1	-1006	32.18	0.09	3.78	2	1
-1005	31.57	0.19	3.78	2	1	-1004	30.85	0.21	3.78	2	1	-1003	30.13	0.18	3.78	2	1
-1002	29.50	0.16	3.78	2	1	-1001	28.78	0.23	3.78	2	1	-1000	28.01	0.25	3.78	2	1
-999	27.79	0.82	3.78	2	1	-998	27.86	1.37	3.78	2	1	-997	27.73	1.95	3.78	2	1
-996	27.70	2.49	3.78	2	1	-995	27.70	3.04	3.78	2	1	-994	27.74	4.24	3.78	2	1
-993	27.73	3.60	3.78	2	1	-992	36.95	4.12	3.78	2	1	-991	37.05	3.23	3.78	2	1
-990	37.15	1.67	3.78	2	1	-989	37.15	0.18	3.78	2	1	-988	36.27	-0.50	3.78	2	1
-987	34.80	-0.50	3.78	2	1	-986	33.48	-0.50	3.78	2	1	-985	32.15	-0.50	3.78	2	1
-984	30.82	-0.50	3.78	2	1	-983	29.52	-0.50	3.78	2	1	-982	28.05	-0.50	3.78	2	1
-981	27.15	0.17	3.78	2	1	-980	30.35	6.70	3.78	2	1	-979	30.43	6.10	3.78	2	1
-978	29.53	6.67	3.78	2	1	-977	29.65	6.09	3.78	2	1	-976	28.76	6.55	3.78	2	1
-975	28.97	6.03	3.78	2	1	-974	28.44	5.97	3.78	2	1	-973	31.21	6.69	3.78	2	1
-972	32.09	6.71	3.78	2	1	-971	34.34	6.90	3.78	2	1	-970	33.74	6.84	3.78	2	1
-969	32.94	6.75	3.78	2	1	-968	34.73	6.60	3.78	2	1	-967	35.55	6.56	3.78	2	1
-966	34.77	6.01	3.78	2	1	-965	35.52	6.04	3.78	2	1	-964	31.25	6.11	3.78	2	1
-963	33.88	6.38	3.78	2	1	-962	33.98	5.93	3.78	2	1	-961	32.98	6.22	3.78	2	1
-960	32.76	6.02	3.78	2	1	-959	32.17	6.10	3.78	2	1	-958	32.46	5.97	3.78	2	1
-957	32.76	5.56	3.78	2	1	-956	32.53	5.74	3.78	2	1	-955	32.80	5.87	3.78	2	1
-954	33.19	5.80	3.78	2	1	-953	28.62	7.19	3.78	2	1	-952	28.44	7.79	3.78	2	1
-951	28.42	8.41	3.78	2	1	-950	29.38	7.45	3.78	2	1	-949	28.94	7.84	3.78	2	1
-948	28.99	8.37	3.78	2	1	-947	29.60	8.21	3.78	2	1	-946	28.42	9.10	3.78	2	1
-945	29.66	8.98	3.78	2	1	-944	29.03	9.05	3.78	2	1	-943	31.17	7.35	3.78	2	1
-942	30.31	7.37	3.78	2	1	-941	31.16	8.08	3.78	2	1	-940	30.34	8.13	3.78	2	1
-939	31.13	8.88	3.78	2	1	-938	30.37	8.92	3.78	2	1	-937	32.04	7.34	3.78	2	1
-936	32.00	8.06	3.78	2	1	-935	31.97	8.85	3.78	2	1	-934	32.90	7.36	3.78	2	1
-933	32.87	8.06	3.78	2	1	-932	32.81	8.85	3.78	2	1	-931	35.65	7.57	3.78	2	1
-930	35.62	7.08	3.78	2	1	-929	35.13	7.59	3.78	2	1	-928	35.01	7.13	3.78	2	1
-927	33.73	7.37	3.78	2	1	-926	34.47	7.36	3.78	2	1	-925	33.75	8.08	3.78	2	1
-924	34.74	8.09	3.78	2	1	-923	35.08	8.58	3.78	2	1	-922	33.65	8.87	3.78	2	1
-921	34.84	9.45	3.78	2	1	-920	34.94	9.03	3.78	2	1	-919	34.42	8.91	3.78	2	1
-918	35.26	9.62	3.78	2	1	-917	38.13	9.20	3.78	2	1	-916	37.27	9.17	3.78	2	1
-915	36.84	8.88	3.78	2	1	-914	35.40	9.15	3.78	2	1	-913	35.92	9.34	3.78	2	1
-912	36.52	9.32	3.78	2	1	-911	35.97	8.97	3.78	2	1	-910	36.41	8.94	3.78	2	1
-909	35.55	8.09	3.78	2	1	-908	35.66	8.68	3.78	2	1	-907	28.42	9.79	3.78	2	1
-906	29.04	9.78	3.78	2	1	-905	29.69	9.74	3.78	2	1	-904	30.36	9.71	3.78	2	1
-903	31.09	9.69	3.78	2	1	-902	31.93	9.67	3.78	2	1	-901	32.77	9.67	3.78	2	1
-900	33.61	9.68	3.78	2	1	-899	34.44	9.71	3.78	2	1	-898	34.99	9.98	3.78	2	1
-897	35.29	10.13	3.78	2	1	-896	35.74	9.89	3.78	2	1	-895	36.54	9.89	3.78	2	1
-894	37.30	9.84	3.78	2	1	-893	38.10	9.84	3.78	2	1	-892	38.90	9.83	3.78	2	1
-891	38.92	9.18	3.78	2	1	-890	38.94	8.58	3.78	2	1	-889	38.21	8.62	3.78	2	1
-888	37.48	8.61	3.78	2	1	-887	36.28	8.55	3.78	2	1	-886	36.87	8.54	3.78	2	1
-885	36.24	8.08	3.78	2	1	-884	36.24	7.57	3.78	2	1	-883	36.25	7.06	3.78	2	1
-882	36.22	6.55	3.78	2	1	-881	36.20	6.04	3.78	2	1	-880	36.18	5.52	3.78	2	1
-879	35.49	5.52	3.78	2	1	-878	34.77	5.51	3.78	2	1	-877	34.05	5.46	3.78	2	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-876	33.36	5.40	3.78	2	1	-875	32.87	5.30	3.78	2	1	-874	32.66	5.22	3.78	2	1
-873	32.52	5.34	3.78	2	1	-872	32.06	5.56	3.78	2	1	-871	31.25	5.55	3.78	2	1
-870	30.47	5.56	3.78	2	1	-869	29.74	5.54	3.78	2	1	-868	29.02	5.54	3.78	2	1
-867	28.39	5.54	3.78	2	1	-866	27.81	5.64	3.78	2	1	-865	28.01	6.32	3.78	2	1
-864	27.89	7.08	3.78	2	1	-863	27.82	7.75	3.78	2	1	-862	27.80	8.43	3.78	2	1
-861	27.79	9.81	3.78	2	1	-860	27.79	9.11	3.78	2	1	-859	39.67	9.81	3.78	2	1
-858	39.67	9.12	3.78	2	1	-857	38.97	8.10	3.78	2	1	-856	37.55	8.10	3.78	2	1
-855	36.85	7.58	3.78	2	1	-854	36.85	6.55	3.78	2	1	-853	36.85	5.52	3.78	2	1
-852	36.15	5.00	3.78	2	1	-851	34.74	5.00	3.78	2	1	-850	33.36	5.00	3.78	2	1
-849	31.89	5.00	3.78	2	1	-848	27.73	5.00	3.78	2	1	-847	29.86	11.65	3.78	2	1
-846	30.49	11.61	3.78	2	1	-845	32.27	11.94	3.78	2	1	-844	31.76	11.53	3.78	2	1
-843	31.16	11.58	3.78	2	1	-842	31.32	12.13	3.78	2	1	-841	28.57	12.88	3.78	2	1
-840	28.97	12.93	3.78	2	1	-839	28.85	14.23	3.78	2	1	-838	28.49	14.23	3.78	2	1
-837	28.45	13.83	3.78	2	1	-836	28.93	13.85	3.78	2	1	-835	28.97	13.35	3.78	2	1
-834	28.48	13.32	3.78	2	1	-833	29.54	13.33	3.78	2	1	-832	29.46	13.98	3.78	2	1
-831	30.34	13.44	3.78	2	1	-830	30.24	14.10	3.78	2	1	-829	32.29	12.89	3.78	2	1
-828	31.30	12.84	3.78	2	1	-827	31.21	13.59	3.78	2	1	-826	31.02	14.21	3.78	2	1
-825	31.64	14.32	3.78	2	1	-824	32.19	13.88	3.78	2	1	-823	37.09	14.21	3.78	2	1
-822	37.12	13.49	3.78	2	1	-821	37.10	11.99	3.78	2	1	-820	37.08	12.73	3.78	2	1
-819	37.78	14.24	3.78	2	1	-818	38.30	14.36	3.78	2	1	-817	37.99	13.50	3.78	2	1
-816	38.44	13.08	3.78	2	1	-815	37.79	12.03	3.78	2	1	-814	37.81	12.70	3.78	2	1
-813	38.31	12.05	3.78	2	1	-812	38.38	12.57	3.78	2	1	-811	33.38	13.84	3.78	2	1
-810	36.37	14.22	3.78	2	1	-809	36.32	13.52	3.78	2	1	-808	34.54	13.89	3.78	2	1
-807	35.08	14.34	3.78	2	1	-806	35.67	14.27	3.78	2	1	-805	35.49	13.60	3.78	2	1
-804	33.41	11.98	3.78	2	1	-803	33.38	12.89	3.78	2	1	-802	34.46	12.85	3.78	2	1
-801	35.41	12.76	3.78	2	1	-800	36.28	12.73	3.78	2	1	-799	34.48	11.88	3.78	2	1
-798	34.75	11.53	3.78	2	1	-797	35.05	11.41	3.78	2	1	-796	34.67	11.32	3.78	2	1
-795	34.88	11.23	3.78	2	1	-794	35.40	11.82	3.78	2	1	-793	36.31	11.95	3.78	2	1
-792	30.39	12.74	3.78	2	1	-791	30.52	12.15	3.78	2	1	-790	29.92	12.12	3.78	2	1
-789	29.39	12.55	3.78	2	1	-788	29.28	11.79	3.78	2	1	-787	28.70	11.79	3.78	2	1
-786	29.15	14.63	3.78	2	1	-785	30.13	14.78	3.78	2	1	-784	31.00	14.85	3.78	2	1
-783	31.71	14.87	3.78	2	1	-782	32.43	14.75	3.78	2	1	-781	33.37	14.73	3.78	2	1
-780	34.29	14.76	3.78	2	1	-779	35.02	14.89	3.78	2	1	-778	35.73	14.90	3.78	2	1
-777	36.41	14.89	3.78	2	1	-776	37.08	14.89	3.78	2	1	-775	37.74	14.90	3.78	2	1
-774	38.34	14.90	3.78	2	1	-773	38.95	14.78	3.78	2	1	-772	38.77	13.95	3.78	2	1
-771	38.96	13.17	3.78	2	1	-770	38.94	12.44	3.78	2	1	-769	38.76	11.57	3.78	2	1
-768	37.94	11.34	3.78	2	1	-767	37.19	11.26	3.78	2	1	-766	36.44	11.21	3.78	2	1
-765	35.72	11.14	3.78	2	1	-764	35.20	11.00	3.78	2	1	-763	34.88	10.98	3.78	2	1
-762	34.38	11.18	3.78	2	1	-761	33.50	11.21	3.78	2	1	-760	32.59	11.18	3.78	2	1
-759	31.83	11.07	3.78	2	1	-758	31.09	11.06	3.78	2	1	-757	30.42	11.06	3.78	2	1
-756	29.78	11.09	3.78	2	1	-755	29.16	11.15	3.78	2	1	-754	28.55	11.21	3.78	2	1
-753	27.94	11.40	3.78	2	1	-752	28.28	12.39	3.78	2	1	-751	27.96	13.22	3.78	2	1
-750	28.17	14.62	3.78	2	1	-749	27.93	13.92	3.78	2	1	-748	28.15	15.55	3.78	2	1
-747	29.15	15.55	3.78	2	1	-746	30.15	15.55	3.78	2	1	-745	34.20	15.55	3.78	2	1
-744	35.00	15.55	3.78	2	1	-743	36.45	15.55	3.78	2	1	-742	37.73	15.55	3.78	2	1
-741	39.02	15.55	3.78	2	1	-740	39.67	13.20	3.78	2	1	-739	37.28	10.50	3.78	2	1
-738	35.83	10.50	3.78	2	1	-737	32.75	10.50	3.78	2	1	-736	30.32	10.50	3.78	2	1
-735	29.05	10.50	3.78	2	1	-734	27.78	10.50	3.78	2	1	-733	22.69	8.85	3.78	2	1
-732	22.10	8.89	3.78	2	1	-731	21.84	10.17	3.78	2	1	-730	21.94	10.72	3.78	2	1
-729	22.23	9.69	3.78	2	1	-728	22.56	10.53	3.78	2	1	-727	23.20	9.35	3.78	2	1
-726	23.39	10.41	3.78	2	1	-725	24.25	9.41	3.78	2	1	-724	24.34	10.37	3.78	2	1
-723	25.41	10.28	3.78	2	1	-722	25.88	9.76	3.78	2	1	-721	25.13	9.36	3.78	2	1
-720	25.82	9.18	3.78	2	1	-719	23.40	11.37	3.78	2	1	-718	22.66	11.30	3.78	2	1
-717	22.02	11.38	3.78	2	1	-716	23.19	12.31	3.78	2	1	-715	22.65	11.91	3.78	2	1
-714	22.08	12.02	3.78	2	1	-713	22.27	12.65	3.78	2	1	-712	24.36	11.37	3.78	2	1
-711	24.29	12.34	3.78	2	1	-710	25.32	11.38	3.78	2	1	-709	25.30	12.33	3.78	2	1
-708	25.28	13.20	3.78	2	1	-707	24.34	13.20	3.78	2	1	-706	25.75	14.52	3.78	2	1
-705	23.92	14.54	3.78	2	1	-704	25.28	13.93	3.78	2	1	-703	24.38	13.95	3.78	2	1
-702	24.53	14.49	3.78	2	1	-701	25.18	14.49	3.78	2	1	-700	23.32	13.28	3.78	2	1
-699	22.37	13.38	3.78	2	1	-698	22.38	14.15	3.78	2	1	-697	23.45	14.16	3.78	2	1
-696	24.26	8.59	3.78	2	1	-695	25.05	8.58	3.78	2	1	-694	25.75	8.51	3.78	2	1
-693	24.32	7.39	3.78	2	1	-692	24.29	7.93	3.78	2	1	-691	24.92	7.47	3.78	2	1
-690	24.99	7.94	3.78	2	1	-689	25.65	7.81	3.78	2	1	-688	23.44	8.53	3.78	2	1
-687	22.09	8.27	3.78	2	1	-686	22.74	8.33	3.78	2	1	-685	23.51	7.87	3.78	2	1
-684	23.55	7.31	3.78	2	1	-683	22.12	7.70	3.78	2	1	-682	22.78	7.78	3.78	2	1
-681	22.19	7.26	3.78	2	1	-680	22.79	7.25	3.78	2	1	-679	25.40	7.12	3.78	2	1
-678	25.49	6.33	3.78	2	1	-677	25.57	5.60	3.78	2	1	-676	24.72	5.56	3.78	2	1
-675	23.93	5.48	3.78	2	1	-674	23.29	5.41	3.78	2	1	-673	24.50	6.87	3.78	2	1
-672	24.62	6.23	3.78	2	1	-671	23.72	6.09	3.78	2	1	-670	23.62	6.74	3.78	2	1
-669	22.71	6.68	3.78	2	1	-668	22.77	5.81	3.78	2	1	-667	22.48	4.96	3.78	2	1
-666	22.39	4.11	3.78	2	1	-665	23.19	4.06	3.78	2	1	-664	23.23	4.82	3.78	2	1
-663	24.81	4.01	3.78	2	1	-662	23.99	4.03	3.78	2	1	-661	23.98	4.82	3.78	2	1
-660	24.79	4.81	3.78	2	1	-659	25.61	4.83	3.78	2	1	-658	25.71	3.93	3.78	2	1
-657	26.11	3.52	3.78	2	1	-656	25.51	3.16	3.78	2	1	-655	26.07	3.04	3.78	2	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-654	26.07	2.51	3.78	2	1	-653	26.11	2.05	3.78	2	1	-652	25.51	2.43	3.78	2	1
-651	24.77	3.19	3.78	2	1	-650	23.99	3.21	3.78	2	1	-649	22.39	3.24	3.78	2	1
-648	23.19	3.21	3.78	2	1	-647	21.94	1.86	3.78	2	1	-646	24.78	2.41	3.78	2	1
-645	24.00	2.38	3.78	2	1	-644	23.19	2.29	3.78	2	1	-643	22.95	2.00	3.78	2	1
-642	22.44	2.36	3.78	2	1	-641	22.70	2.03	3.78	2	1	-640	22.37	1.83	3.78	2	1
-639	22.67	1.76	3.78	2	1	-638	22.65	1.48	3.78	2	1	-637	22.84	1.37	3.78	2	1
-636	22.97	1.65	3.78	2	1	-635	22.30	14.86	3.78	2	1	-634	23.18	14.88	3.78	2	1
-633	23.86	14.99	3.78	2	1	-632	24.55	15.00	3.78	2	1	-631	25.23	15.00	3.78	2	1
-630	25.82	14.98	3.78	2	1	-629	26.43	14.85	3.78	2	1	-628	26.16	14.11	3.78	2	1
-627	26.22	13.24	3.78	2	1	-626	26.23	12.39	3.78	2	1	-625	26.26	11.45	3.78	2	1
-624	26.31	10.52	3.78	2	1	-623	26.46	9.81	3.78	2	1	-622	26.47	9.15	3.78	2	1
-621	26.45	8.45	3.78	2	1	-620	26.41	7.77	3.78	2	1	-619	26.34	7.07	3.78	2	1
-618	26.35	6.36	3.78	2	1	-617	26.37	5.65	3.78	2	1	-616	26.41	4.91	3.78	2	1
-615	26.45	4.13	3.78	2	1	-614	26.58	3.55	3.78	2	1	-613	26.60	3.03	3.78	2	1
-612	26.60	2.49	3.78	2	1	-611	26.57	1.99	3.78	2	1	-610	26.44	1.47	3.78	2	1
-609	25.69	1.69	3.78	2	1	-608	24.82	1.63	3.78	2	1	-607	24.05	1.59	3.78	2	1
-606	23.34	1.52	3.78	2	1	-605	23.02	1.19	3.78	2	1	-604	22.89	1.07	3.78	2	1
-603	22.75	1.15	3.78	2	1	-602	22.39	1.35	3.78	2	1	-601	21.87	1.41	3.78	2	1
-600	21.35	1.57	3.78	2	1	-599	21.60	2.31	3.78	2	1	-598	21.55	3.27	3.78	2	1
-597	21.56	4.15	3.78	2	1	-596	21.60	5.01	3.78	2	1	-595	21.69	5.90	3.78	2	1
-594	21.74	6.84	3.78	2	1	-593	21.48	7.55	3.78	2	1	-592	21.41	8.19	3.78	2	1
-591	21.41	8.85	3.78	2	1	-590	21.42	9.53	3.78	2	1	-589	21.32	10.16	3.78	2	1
-588	21.34	10.78	3.78	2	1	-587	21.36	11.44	3.78	2	1	-586	21.40	12.11	3.78	2	1
-585	21.46	12.76	3.78	2	1	-584	21.50	13.46	3.78	2	1	-583	21.43	14.88	3.78	2	1
-582	21.50	14.17	3.78	2	1	-581	22.23	15.55	3.78	2	1	-580	25.27	15.55	3.78	2	1
-579	26.52	15.55	3.78	2	1	-578	27.15	13.25	3.78	2	1	-577	27.15	7.06	3.78	2	1
-576	27.15	5.69	3.78	2	1	-575	27.15	3.56	3.78	2	1	-574	26.36	0.85	3.78	2	1
-573	25.57	0.85	3.78	2	1	-572	24.79	0.85	3.78	2	1	-571	23.48	0.85	3.78	2	1
-570	22.32	0.85	3.78	2	1	-569	21.25	0.85	3.78	2	1	-568	20.70	1.68	3.78	2	1
-567	20.70	2.51	3.78	2	1	-566	20.70	3.34	3.78	2	1	-565	20.70	4.17	3.78	2	1
-564	20.70	5.90	3.78	2	1	-563	20.70	7.47	3.78	2	1	-562	20.70	11.49	3.78	2	1
-561	20.70	12.83	3.78	2	1	-560	20.70	14.22	3.78	2	1	-559	33.25	18.42	3.78	2	1
-558	33.81	17.34	3.78	2	1	-557	33.62	18.09	3.78	2	1	-556	34.31	18.09	3.78	2	1
-555	28.45	16.97	3.78	2	1	-554	28.52	17.46	3.78	2	1	-553	28.59	18.09	3.78	2	1
-552	28.94	18.43	3.78	2	1	-551	30.54	17.90	3.78	2	1	-550	29.99	17.86	3.78	2	1
-549	30.08	17.31	3.78	2	1	-548	29.23	17.31	3.78	2	1	-547	29.30	17.91	3.78	2	1
-546	29.42	18.38	3.78	2	1	-545	29.96	18.35	3.78	2	1	-544	30.54	18.32	3.78	2	1
-543	31.09	17.52	3.78	2	1	-542	31.66	17.87	3.78	2	1	-541	31.65	18.31	3.78	2	1
-540	31.11	18.23	3.78	2	1	-539	32.80	18.36	3.78	2	1	-538	32.23	18.32	3.78	2	1
-537	32.92	17.24	3.78	2	1	-536	32.07	17.26	3.78	2	1	-535	32.21	17.84	3.78	2	1
-534	32.91	17.87	3.78	2	1	-533	28.31	18.68	3.78	2	1	-532	28.87	18.82	3.78	2	1
-531	29.41	18.85	3.78	2	1	-530	29.92	18.84	3.78	2	1	-529	30.52	18.83	3.78	2	1
-528	31.11	18.80	3.78	2	1	-527	31.62	18.81	3.78	2	1	-526	32.22	18.83	3.78	2	1
-525	32.82	18.84	3.78	2	1	-524	33.28	18.83	3.78	2	1	-523	33.84	18.73	3.78	2	1
-522	34.46	18.66	3.78	2	1	-521	35.07	18.47	3.78	2	1	-520	34.76	17.55	3.78	2	1
-519	34.82	16.51	3.78	2	1	-518	33.86	16.50	3.78	2	1	-517	32.93	16.47	3.78	2	1
-516	32.00	16.49	3.78	2	1	-515	31.03	16.54	3.78	2	1	-514	30.03	16.52	3.78	2	1
-513	28.96	16.56	3.78	2	1	-512	28.02	16.33	3.78	2	1	-511	27.86	16.90	3.78	2	1
-510	27.84	17.45	3.78	2	1	-509	27.77	18.47	3.78	2	1	-508	27.83	18.02	3.78	2	1
-507	28.77	19.35	3.78	2	1	-506	30.48	19.35	3.78	2	1	-505	32.20	19.35	3.78	2	1
-504	33.92	19.35	3.78	2	1	-503	35.23	19.35	3.78	2	1	-502	34.84	15.65	3.78	2	1
-501	33.88	15.65	3.78	2	1	-500	32.92	15.65	3.78	2	1	-499	31.96	15.65	3.78	2	1
-498	30.99	15.65	3.78	2	1	-497	30.03	15.65	3.78	2	1	-496	29.07	15.65	3.78	2	1
-495	28.11	15.65	3.78	2	1	-494	22.18	16.59	3.78	2	1	-493	21.93	16.64	3.78	2	1
-492	22.01	16.95	3.78	2	1	-491	22.25	16.80	3.78	2	1	-490	22.10	19.65	3.78	2	1
-489	22.06	19.19	3.78	2	1	-488	22.05	18.62	3.78	2	1	-487	22.08	18.15	3.78	2	1
-486	22.45	20.27	3.78	2	1	-485	22.59	19.77	3.78	2	1	-484	22.62	19.24	3.78	2	1
-483	22.61	18.66	3.78	2	1	-482	22.57	18.07	3.78	2	1	-481	22.39	17.41	3.78	2	1
-480	22.55	16.84	3.78	2	1	-479	22.38	16.34	3.78	2	1	-478	21.60	16.37	3.78	2	1
-477	21.48	16.98	3.78	2	1	-476	21.62	17.73	3.78	2	1	-475	21.46	18.50	3.78	2	1
-474	21.65	20.00	3.78	2	1	-473	21.47	19.22	3.78	2	1	-472	21.53	20.85	3.78	2	1
-471	22.37	20.85	3.78	2	1	-470	23.20	19.91	3.78	2	1	-469	22.37	15.65	3.78	2	1
-468	21.53	15.65	3.78	2	1	-467	20.70	16.25	3.78	2	1	-466	20.70	17.64	3.78	2	1
-465	20.70	18.43	3.78	2	1	-464	20.70	19.21	3.78	2	1	-463	24.49	18.08	3.78	2	1
-462	25.16	18.08	3.78	2	1	-461	25.83	18.08	3.78	2	1	-460	25.82	17.51	3.78	2	1
-459	25.81	17.00	3.78	2	1	-458	24.54	17.00	3.78	2	1	-457	24.52	17.51	3.78	2	1
-456	25.17	17.41	3.78	2	1	-455	24.47	18.71	3.78	2	1	-454	25.14	18.71	3.78	2	1
-453	25.83	18.71	3.78	2	1	-452	26.49	18.71	3.78	2	1	-451	26.49	18.09	3.78	2	1
-450	26.47	17.48	3.78	2	1	-449	26.42	16.92	3.78	2	1	-448	26.23	16.35	3.78	2	1
-447	25.17	16.64	3.78	2	1	-446	24.12	16.35	3.78	2	1	-445	23.93	16.92	3.78	2	1
-444	23.87	17.48	3.78	2	1	-443	23.83	18.71	3.78	2	1	-442	23.85	18.09	3.78	2	1
-441	23.80	19.35	3.78	2	1	-440	25.12	19.35	3.78	2	1	-439	26.50	19.35	3.78	2	1
-438	27.15	18.72	3.78	2	1	-437	27.15	17.45	3.78	2	1	-436	27.15	16.23	3.78	2	1
-435	26.16	15.65	3.78	2	1	-434	25.18	15.65	3.78	2	1	-433	24.19	15.65	3.78	2	1





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-432	23.20	16.23	3.78	2	1	-431	23.20	17.45	3.78	2	1	-430	23.20	18.72	3.78	2	1
-429	13.90	2.58	-2.20	0	3	-428	13.90	1.27	-2.20	0	3	-427	13.90	2.58	3.78	2	1
-426	13.90	2.58	0.00	1	1	-425	13.90	1.27	3.78	2	1	-424	13.90	1.27	0.00	1	1
-423	34.34	10.50	-2.20	0	3	-422	35.11	10.50	-2.20	0	3	-421	13.90	13.44	-2.20	0	3
-420	13.90	13.44	3.78	2	1	-419	13.90	13.44	0.00	1	1	-418	4.27	0.00	0.00	1	1
-417	4.27	0.00	-2.20	0	3	-416	4.25	0.00	0.00	1	1	-415	4.25	0.00	-2.20	0	3
-414	27.15	8.44	-2.20	0	3	-413	27.15	9.81	-2.20	0	3	-412	27.15	1.39	-2.20	0	3
-411	27.15	2.48	-2.20	0	3	-410	20.70	10.15	-2.20	0	3	-409	20.70	10.15	3.78	2	1
-408	20.70	10.15	0.00	1	1	-407	20.70	8.81	-2.20	0	3	-406	20.70	8.81	3.78	2	1
-405	20.70	8.81	0.00	1	1	-404	39.67	6.05	-2.20	0	3	-403	39.67	6.02	-2.20	0	3
-402	37.15	0.99	-2.20	0	3	-401	37.15	0.86	-2.20	0	3	-400	22.95	0.85	-2.20	0	3
-399	22.95	0.85	3.78	2	1	-398	22.95	0.85	0.00	1	1	-397	22.85	0.85	-2.20	0	3
-396	22.85	0.85	3.78	2	1	-395	22.85	0.85	0.00	1	1	-394	13.85	13.50	-2.20	0	3
-393	13.95	13.50	-2.20	0	3	-392	13.85	13.50	3.78	2	1	-391	13.85	13.50	0.00	1	1
-390	13.95	13.50	3.78	2	1	-389	13.95	13.50	0.00	1	1	-388	0.00	2.10	-2.20	0	3
-387	0.00	2.17	-2.20	0	3	-386	0.00	2.17	3.78	2	1	-385	0.00	2.17	0.00	1	1
-384	0.00	2.10	3.78	2	1	-383	0.00	2.10	0.00	1	1	-382	7.10	19.62	-2.20	0	3
-381	7.10	19.56	-2.20	0	3	-380	7.10	19.56	3.78	2	1	-379	7.10	19.56	0.00	1	1
-378	7.10	19.62	3.78	2	1	-377	7.10	19.62	0.00	1	1	-376	0.00	14.64	-2.20	0	3
-375	0.00	14.64	3.78	2	1	-374	0.00	14.64	0.00	1	1	-373	0.00	14.71	-2.20	0	3
-372	0.00	14.71	3.78	2	1	-371	0.00	14.71	0.00	1	1	-370	23.20	24.89	3.78	2	1
-369	23.20	24.89	0.00	1	1	-368	23.20	24.89	-2.20	0	3	-367	23.20	24.85	-2.20	0	3
-366	23.20	24.85	3.78	2	1	-365	23.20	24.85	0.00	1	1	-364	14.89	20.85	3.78	2	1
-363	14.89	20.85	0.00	1	1	-362	14.89	20.85	-2.20	0	3	-361	14.83	20.85	-2.20	0	3
-360	14.83	20.85	3.78	2	1	-359	14.83	20.85	0.00	1	1	-358	14.47	27.55	-2.20	0	3
-357	14.53	27.55	-2.20	0	3	-356	14.53	27.55	3.78	2	1	-355	14.53	27.55	0.00	1	1
-354	14.47	27.55	3.78	2	1	-353	14.47	27.55	0.00	1	1	-352	0.00	25.02	-2.20	0	3
-351	0.00	25.07	-2.20	0	3	-350	0.00	25.02	3.78	2	1	-349	0.00	25.02	0.00	1	1
-348	0.00	25.07	3.78	2	1	-347	0.00	25.07	0.00	1	1	-346	35.11	10.50	3.78	2	1
-345	35.11	10.50	0.00	1	1	-344	34.34	10.50	0.00	1	1	-343	34.34	10.50	7.21	3	1
-342	34.34	10.50	3.78	2	1	-341	39.67	6.05	0.00	1	1	-340	39.67	6.05	7.21	3	1
-339	39.67	6.05	3.78	2	1	-338	39.67	6.02	0.00	1	1	-337	39.67	6.02	7.21	3	1
-336	39.67	6.02	3.78	2	1	-335	37.15	0.99	0.00	1	1	-334	37.15	0.99	7.21	3	1
-333	37.15	0.99	3.78	2	1	-332	37.15	0.86	0.00	1	1	-331	37.15	0.86	7.21	3	1
-330	37.15	0.86	3.78	2	1	-329	27.15	1.39	0.00	1	1	-328	27.15	2.48	0.00	1	1
-327	27.15	1.39	7.21	3	1	-326	27.15	1.39	3.78	2	1	-325	27.15	2.48	7.21	3	1
-324	27.15	2.48	3.78	2	1	-323	27.15	8.44	0.00	1	1	-322	27.15	8.44	7.21	3	1
-321	27.15	8.44	3.78	2	1	-320	27.15	9.81	0.00	1	1	-319	27.15	9.81	7.21	3	1
-318	27.15	9.81	3.78	2	1	-317	32.57	5.00	7.21	3	1	-316	32.57	5.00	3.78	2	1
-315	32.57	5.00	0.00	1	1	-314	32.57	5.00	-2.20	0	3	-313	32.68	5.00	-2.20	0	3
-312	32.68	5.00	0.00	1	1	-311	32.68	5.00	7.21	3	1	-310	32.68	5.00	3.78	2	1
-309	36.55	10.50	7.21	3	1	-308	29.68	10.50	7.21	3	1	-307	28.42	10.50	7.21	3	1
-306	38.26	8.10	7.21	3	1	-305	27.15	7.75	7.21	3	1	-304	39.67	7.07	7.21	3	1
-303	27.15	6.38	7.21	3	1	-302	39.67	6.03	7.21	3	1	-301	36.85	6.03	7.21	3	1
-300	39.67	5.00	7.21	3	1	-299	35.44	5.00	7.21	3	1	-298	34.03	5.00	7.21	3	1
-297	31.22	5.00	7.21	3	1	-296	30.51	5.00	7.21	3	1	-295	29.05	5.00	7.21	3	1
-294	39.67	3.67	7.21	3	1	-293	27.15	3.02	7.21	3	1	-292	22.15	27.55	3.78	2	1
-291	0.00	26.30	3.78	2	1	-290	23.20	26.21	3.78	2	1	-289	0.00	23.80	3.78	2	1
-288	23.20	23.53	3.78	2	1	-287	23.20	22.19	3.78	2	1	-286	19.24	20.85	3.78	2	1
-285	17.78	20.85	3.78	2	1	-284	16.32	20.85	3.78	2	1	-283	3.83	20.85	3.78	2	1
-282	2.55	20.85	3.78	2	1	-281	1.27	20.85	3.78	2	1	-280	7.10	20.75	3.78	2	1
-279	0.00	20.75	3.78	2	1	-278	35.80	18.35	3.78	2	1	-277	7.10	18.32	3.78	2	1
-276	27.15	18.08	3.78	2	1	-275	23.20	18.08	3.78	2	1	-274	7.10	17.06	3.78	2	1
-273	27.15	16.82	3.78	2	1	-272	23.20	16.82	3.78	2	1	-271	35.80	15.65	3.78	2	1
-270	27.15	15.65	3.78	2	1	-269	23.20	15.65	3.78	2	1	-268	20.70	15.65	3.78	2	1
-267	38.38	15.55	3.78	2	1	-266	25.90	15.55	3.78	2	1	-265	27.15	14.78	3.78	2	1
-264	39.67	14.74	3.78	2	1	-263	5.89	13.50	3.78	2	1	-262	4.67	13.50	3.78	2	1
-261	13.90	12.68	3.78	2	1	-260	7.10	12.68	3.78	2	1	-259	20.70	12.16	3.78	2	1
-258	27.15	11.50	3.78	2	1	-257	39.67	11.49	3.78	2	1	-256	20.70	10.82	3.78	2	1
-255	36.55	10.50	3.78	2	1	-254	29.68	10.50	3.78	2	1	-253	28.42	10.50	3.78	2	1
-252	20.70	8.14	3.78	2	1	-251	38.26	8.10	3.78	2	1	-250	0.00	7.87	3.78	2	1
-249	27.15	7.75	3.78	2	1	-248	13.90	7.38	3.78	2	1	-247	39.67	7.07	3.78	2	1
-246	0.00	6.83	3.78	2	1	-245	7.10	6.80	3.78	2	1	-244	27.15	6.38	3.78	2	1
-243	39.67	6.03	3.78	2	1	-242	36.85	6.03	3.78	2	1	-241	39.67	5.00	3.78	2	1
-240	35.44	5.00	3.78	2	1	-239	34.03	5.00	3.78	2	1	-238	31.22	5.00	3.78	2	1
-237	30.51	5.00	3.78	2	1	-236	29.05	5.00	3.78	2	1	-235	39.67	3.67	3.78	2	1
-234	27.15	3.02	3.78	2	1	-233	0.00	1.07	3.78	2	1	-232	21.80	0.85	3.78	2	1
-231	22.15	27.55	0.00	1	1	-230	2.50	27.55	0.00	1	1	-229	0.00	26.30	0.00	1	1
-228	7.10	26.27	0.00	1	1	-227	23.20	26.21	0.00	1	1	-226	7.10	24.99	0.00	1	1
-225	0.00	23.80	0.00	1	1	-224	7.10	23.71	0.00	1	1	-223	23.20	23.53	0.00	1	1
-222	7.10	22.43	0.00	1	1	-221	23.20	22.19	0.00	1	1	-220	21.95	20.85	0.00	1	1
-219	19.24	20.85	0.00	1	1	-218	17.78	20.85	0.00	1	1	-217	16.32	20.85	0.00	1	1
-216	7.88	20.85	0.00	1	1	-215	3.83	20.85	0.00	1	1	-214	2.55	20.85	0.00	1	1
-213	1.27	20.85	0.00	1	1	-212	7.10	20.75	0.00	1	1	-211	0.00	20.75	0.00	1	1





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-210	20.70	18.95	0.00	1	1	-209	35.80	18.35	0.00	0	3	-208	7.10	18.32	0.00	1	1
-207	27.15	18.08	0.00	0	3	-206	23.20	18.08	0.00	1	1	-205	20.70	17.90	0.00	1	1
-204	7.10	17.06	0.00	1	1	-203	27.15	16.82	0.00	0	3	-202	23.20	16.82	0.00	1	1
-201	35.80	15.65	0.00	0	3	-200	27.15	15.65	0.00	0	3	-199	23.20	15.65	0.00	1	1
-198	20.70	15.65	0.00	1	1	-197	38.38	15.55	0.00	0	3	-196	34.60	15.55	0.00	0	3
-195	29.82	15.55	0.00	0	3	-194	28.48	15.55	0.00	0	3	-193	25.90	15.55	0.00	1	1
-192	22.23	15.55	0.00	1	1	-191	27.15	14.78	0.00	1	1	-190	39.67	14.74	0.00	1	1
-189	7.10	14.65	0.00	1	1	-188	17.87	13.50	0.00	1	1	-187	16.43	13.50	0.00	1	1
-186	11.60	13.50	0.00	1	1	-185	10.40	13.50	0.00	1	1	-184	9.20	13.50	0.00	1	1
-183	5.89	13.50	0.00	1	1	-182	4.67	13.50	0.00	1	1	-181	13.90	12.68	0.00	1	1
-180	7.10	12.68	0.00	1	1	-179	20.70	12.16	0.00	1	1	-178	27.15	11.50	0.00	1	1
-177	39.67	11.49	0.00	0	3	-176	20.70	10.82	0.00	1	1	-175	13.90	10.63	0.00	1	1
-174	7.10	10.63	0.00	1	1	-173	36.55	10.50	0.00	1	1	-172	32.75	10.50	0.00	1	1
-171	29.68	10.50	0.00	1	1	-170	28.42	10.50	0.00	1	1	-169	39.67	9.46	0.00	1	1
-168	13.90	9.42	0.00	1	1	-167	7.10	9.42	0.00	1	1	-166	20.70	8.14	0.00	1	1
-165	38.26	8.10	0.00	1	1	-164	0.00	7.87	0.00	1	1	-163	27.15	7.75	0.00	1	1
-162	13.90	7.38	0.00	1	1	-161	39.67	7.07	0.00	1	1	-159	0.00	6.83	0.00	1	1
-158	7.10	6.80	0.00	1	1	-157	27.15	6.38	0.00	1	1	-156	39.67	6.03	0.00	1	1
-155	20.70	5.90	0.00	1	1	-154	7.10	5.40	0.00	1	1	-153	13.90	5.38	0.00	1	1
-152	39.67	5.00	0.00	1	1	-151	38.26	5.00	0.00	1	1	-150	35.44	5.00	0.00	1	1
-149	34.03	5.00	0.00	1	1	-148	31.22	5.00	0.00	1	1	-147	30.51	5.00	0.00	1	1
-146	29.05	5.00	0.00	1	1	-145	0.00	4.50	0.00	1	1	-144	13.90	4.22	0.00	1	1
-143	39.67	3.67	0.00	1	1	-142	20.70	3.62	0.00	1	1	-141	27.15	3.02	0.00	1	1
-140	20.70	2.23	0.00	1	1	-139	13.90	1.90	0.00	1	1	-138	0.00	1.07	0.00	1	1
-137	26.10	0.85	0.00	1	1	-136	25.05	0.85	0.00	1	1	-135	21.80	0.85	0.00	1	1
-134	19.35	0.85	0.00	1	1	-133	18.30	0.85	0.00	1	1	-132	16.13	0.85	0.00	1	1
-131	15.02	0.85	0.00	1	1	-130	12.54	0.85	0.00	1	1	-129	11.18	0.85	0.00	1	1
-128	9.82	0.85	0.00	1	1	-127	8.46	0.85	0.00	1	1	-126	5.68	0.00	0.00	1	1
-125	2.84	0.00	0.00	1	1	-124	1.42	0.00	0.00	1	1	-123	36.27	-0.50	0.00	1	1
-122	28.05	-0.50	0.00	1	1	-121	22.15	27.55	-2.20	0	3	-120	14.50	27.55	-2.20	0	3
-119	2.50	27.55	-2.20	0	3	-118	0.00	26.30	-2.20	0	3	-117	7.10	26.27	-2.20	0	3
-116	23.20	26.21	-2.20	0	3	-115	0.00	25.05	-2.20	0	3	-114	7.10	24.99	-2.20	0	3
-113	23.20	24.87	-2.20	0	3	-112	0.00	23.80	-2.20	0	3	-111	7.10	23.71	-2.20	0	3
-110	23.20	23.53	-2.20	0	3	-109	7.10	22.43	-2.20	0	3	-108	23.20	22.19	-2.20	0	3
-107	21.95	20.85	-2.20	0	3	-106	19.24	20.85	-2.20	0	3	-105	17.78	20.85	-2.20	0	3
-104	16.32	20.85	-2.20	0	3	-103	7.88	20.85	-2.20	0	3	-102	3.83	20.85	-2.20	0	3
-101	2.55	20.85	-2.20	0	3	-100	1.27	20.85	-2.20	0	3	-99	7.10	20.75	-2.20	0	3
-98	0.00	20.75	-2.20	0	3	-97	7.10	19.59	-2.20	0	3	-96	20.70	18.95	-2.20	0	3
-94	7.10	18.32	-2.20	0	3	-92	23.20	18.08	-2.20	0	3	-91	20.70	17.90	-2.20	0	3
-90	7.10	17.06	-2.20	0	3	-88	23.20	16.82	-2.20	0	3	-85	23.20	15.65	-2.20	0	3
-84	20.70	15.65	-2.20	0	3	-79	25.90	15.55	-2.20	0	3	-78	22.23	15.55	-2.20	0	3
-77	20.70	14.94	-2.20	0	3	-76	27.15	14.78	-2.20	0	3	-74	0.00	14.68	-2.20	0	3
-73	7.10	14.65	-2.20	0	3	-72	17.87	13.50	-2.20	0	3	-71	16.43	13.50	-2.20	0	3
-70	11.60	13.50	-2.20	0	3	-69	10.40	13.50	-2.20	0	3	-68	9.20	13.50	-2.20	0	3
-67	5.89	13.50	-2.20	0	3	-66	4.67	13.50	-2.20	0	3	-65	13.90	12.68	-2.20	0	3
-64	7.10	12.68	-2.20	0	3	-63	20.70	12.16	-2.20	0	3	-62	27.15	11.50	-2.20	0	3
-60	20.70	10.82	-2.20	0	3	-59	13.90	10.63	-2.20	0	3	-58	7.10	10.63	-2.20	0	3
-57	36.55	10.50	-2.20	0	3	-56	32.75	10.50	-2.20	0	3	-55	29.68	10.50	-2.20	0	3
-54	28.42	10.50	-2.20	0	3	-53	20.70	9.48	-2.20	0	3	-52	39.67	9.46	-2.20	0	3
-51	13.90	9.42	-2.20	0	3	-50	7.10	9.42	-2.20	0	3	-49	27.15	9.12	-2.20	0	3
-48	20.70	8.14	-2.20	0	3	-47	38.26	8.10	-2.20	0	3	-46	0.00	7.87	-2.20	0	3
-45	27.15	7.75	-2.20	0	3	-44	13.90	7.38	-2.20	0	3	-43	39.67	7.07	-2.20	0	3
-42	0.00	6.83	-2.20	0	3	-41	7.10	6.80	-2.20	0	3	-40	27.15	6.38	-2.20	0	3
-39	39.67	6.03	-2.20	0	3	-38	20.70	5.90	-2.20	0	3	-37	13.90	5.38	-2.20	0	3
-36	39.67	5.00	-2.20	0	3	-35	38.26	5.00	-2.20	0	3	-34	35.44	5.00	-2.20	0	3
-33	34.03	5.00	-2.20	0	3	-32	31.22	5.00	-2.20	0	3	-31	30.51	5.00	-2.20	0	3
-30	29.05	5.00	-2.20	0	3	-29	0.00	4.50	-2.20	0	3	-28	13.90	4.22	-2.20	0	3
-27	39.67	3.67	-2.20	0	3	-26	20.70	3.62	-2.20	0	3	-25	27.15	3.02	-2.20	0	3
-24	20.70	2.23	-2.20	0	3	-23	0.00	2.13	-2.20	0	3	-22	7.10	2.00	-2.20	0	3
-21	27.15	1.93	-2.20	0	3	-20	13.90	1.90	-2.20	0	3	-19	0.00	1.07	-2.20	0	3
-18	37.15	0.93	-2.20	0	3	-17	26.10	0.85	-2.20	0	3	-16	25.05	0.85	-2.20	0	3
-15	21.80	0.85	-2.20	0	3	-14	19.35	0.85	-2.20	0	3	-13	18.30	0.85	-2.20	0	3
-12	16.13	0.85	-2.20	0	3	-11	15.02	0.85	-2.20	0	3	-10	12.54	0.85	-2.20	0	3
-9	11.18	0.85	-2.20	0	3	-8	9.82	0.85	-2.20	0	3	-7	8.46	0.85	-2.20	0	3
-6	5.68	0.00	-2.20	0	3	-5	4.26	0.00	-2.20	0	3	-4	2.84	0.00	-2.20	0	3
-3	1.42	0.00	-2.20	0	3	-2	36.27	-0.50	-2.20	0	3	-1	28.05	-0.50	-2.20	0	3
8	36.85	7.07	-2.20	0	3	11	35.07	10.50	-2.20	0	3	14	27.15	-0.50	-2.20	0	3
15	28.95	-0.50	-2.20	0	3	16	30.10	-0.50	-2.20	0	3	17	31.55	-0.50	-2.20	0	3
18	32.75	-0.50	-2.20	0	3	19	34.20	-0.50	-2.20	0	3	20	35.40	-0.50	-2.20	0	3
21	37.15	-0.50	-2.20	0	3	22	0.00	0.00	-2.20	0	3	23	7.10	0.00	-2.20	0	3
24	7.10	0.85	-2.20	0	3	25	13.90	0.85	-2.20	0	3	26	17.25	0.85	-2.20	0	3
27	20.40	0.85	-2.20	0	3	28	20.70	0.85	-2.20	0	3	29	22.90	0.85	-2.20	0	3
30	24.00	0.85	-2.20	0	3	31	27.15	0.85	-2.20	0	3	32	17.25	1.90	-2.20	0	3
33	37.15	2.35	-2.20	0	3	34	37.62	2.35	-2.20	0	3	35	38.83	2.35	-2.20	0	3



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

36	39.67	2.35	-2.20	0	3	37	13.90	3.05	-2.20	0	3	38	7.10	3.15	-2.20	0	3
39	0.00	3.20	-2.20	0	3	40	7.10	4.00	-2.20	0	3	41	27.15	4.10	-2.20	0	3
42	20.70	5.00	-2.20	0	3	43	27.15	5.00	-2.20	0	3	44	28.30	5.00	-2.20	0	3
45	29.81	5.00	-2.20	0	3	46	32.63	5.00	-2.20	0	3	47	36.85	5.00	-2.20	0	3
48	7.10	5.40	-2.20	0	3	49	0.00	5.80	-2.20	0	3	50	13.90	6.55	-2.20	0	3
51	20.70	6.80	-2.20	0	3	52	36.85	8.10	-2.20	0	3	53	39.67	8.10	-2.20	0	3
54	7.10	8.20	-2.20	0	3	55	13.90	8.20	-2.20	0	3	56	39.67	8.43	-2.20	0	3
57	0.00	8.90	-2.20	0	3	58	0.00	10.35	-2.20	0	3	59	27.15	10.50	-2.20	0	3
60	30.95	10.50	-2.20	0	3	61	31.90	10.50	-2.20	0	3	62	33.60	10.50	-2.20	0	3
63	38.02	10.50	-2.20	0	3	64	38.92	10.50	-2.20	0	3	65	39.67	10.50	-2.20	0	3
66	0.00	11.30	-2.20	0	3	67	7.10	11.85	-2.20	0	3	68	13.90	11.85	-2.20	0	3
70	27.15	12.50	-2.20	0	3	71	0.00	12.75	-2.20	0	3	72	0.00	13.50	-2.20	0	3
73	1.30	13.50	-2.20	0	3	74	2.25	13.50	-2.20	0	3	75	3.46	13.50	-2.20	0	3
76	7.10	13.50	-2.20	0	3	77	8.00	13.50	-2.20	0	3	78	12.80	13.50	-2.20	0	3
79	13.90	13.50	-2.20	0	3	80	15.00	13.50	-2.20	0	3	81	19.30	13.50	-2.20	0	3
82	20.70	13.50	-2.20	0	3	84	27.15	14.00	-2.20	0	3	85	20.70	15.55	-2.20	0	3
86	21.25	15.55	-2.20	0	3	87	23.20	15.55	-2.20	0	3	88	23.75	15.55	-2.20	0	3
89	24.65	15.55	-2.20	0	3	90	27.15	15.55	-2.20	0	3	97	7.10	15.80	-2.20	0	3
98	0.00	15.85	-2.20	0	3	100	20.70	16.85	-2.20	0	3	101	0.00	17.35	-2.20	0	3
103	0.00	18.25	-2.20	0	3	104	23.20	19.35	-2.20	0	3	117	0.00	19.75	-2.20	0	3
118	20.70	20.00	-2.20	0	3	119	23.20	20.48	-2.20	0	3	120	0.00	20.85	-2.20	0	3
121	5.10	20.85	-2.20	0	3	122	6.10	20.85	-2.20	0	3	123	7.10	20.85	-2.20	0	3
124	8.65	20.85	-2.20	0	3	125	9.55	20.85	-2.20	0	3	126	11.00	20.85	-2.20	0	3
127	11.95	20.85	-2.20	0	3	128	13.40	20.85	-2.20	0	3	129	14.86	20.85	-2.20	0	3
130	20.70	20.85	-2.20	0	3	131	23.20	20.85	-2.20	0	3	132	0.00	21.10	-2.20	0	3
133	7.10	21.15	-2.20	0	3	134	0.00	22.55	-2.20	0	3	135	0.00	27.55	-2.20	0	3
136	1.00	27.55	-2.20	0	3	137	4.00	27.55	-2.20	0	3	138	4.95	27.55	-2.20	0	3
139	6.40	27.55	-2.20	0	3	140	7.10	27.55	-2.20	0	3	141	8.55	27.55	-2.20	0	3
142	9.50	27.55	-2.20	0	3	143	10.95	27.55	-2.20	0	3	144	12.00	27.55	-2.20	0	3
145	13.45	27.55	-2.20	0	3	146	15.55	27.55	-2.20	0	3	147	17.00	27.55	-2.20	0	3
148	17.60	27.55	-2.20	0	3	149	19.05	27.55	-2.20	0	3	150	19.65	27.55	-2.20	0	3
151	21.10	27.55	-2.20	0	3	152	23.20	27.55	-2.20	0	3	1001	4.26	0.00	0.00	1	1
1002	22.90	0.85	0.00	1	1	1003	37.15	0.93	0.00	1	1	1004	27.15	1.93	0.00	1	1
1005	7.10	2.00	0.00	1	1	1006	0.00	2.13	0.00	1	1	1007	32.63	5.00	0.00	1	1
1009	27.15	9.12	0.00	1	1	1010	20.70	9.48	0.00	1	1	1011	35.07	10.50	0.00	1	1
1012	0.00	14.68	0.00	1	1	1013	37.09	15.55	0.00	0	3	1014	27.15	19.35	0.00	0	3
1015	7.10	19.59	0.00	1	1	1016	14.86	20.85	0.00	1	1	1017	23.20	24.87	0.00	1	1
1018	0.00	25.05	0.00	1	1	1019	14.50	27.55	0.00	1	1	1020	27.15	-0.50	0.00	1	1
1021	28.95	-0.50	0.00	1	1	1022	30.10	-0.50	0.00	1	1	1023	31.55	-0.50	0.00	1	1
1024	32.75	-0.50	0.00	1	1	1025	34.20	-0.50	0.00	1	1	1026	35.40	-0.50	0.00	1	1
1027	37.15	-0.50	0.00	1	1	1028	0.00	0.00	0.00	1	1	1029	7.10	0.00	0.00	1	1
1030	7.10	0.85	0.00	1	1	1031	13.90	0.85	0.00	1	1	1032	17.25	0.85	0.00	1	1
1033	20.40	0.85	0.00	1	1	1034	20.70	0.85	0.00	1	1	1035	24.00	0.85	0.00	1	1
1036	27.15	0.85	0.00	1	1	1037	17.25	1.90	0.00	1	1	1038	37.15	2.35	0.00	1	1
1039	37.62	2.35	0.00	1	1	1040	38.83	2.35	0.00	1	1	1041	39.67	2.35	0.00	1	1
1042	13.90	3.05	0.00	1	1	1043	7.10	3.15	0.00	1	1	1044	0.00	3.20	0.00	1	1
1045	7.10	4.00	0.00	1	1	1046	27.15	4.10	0.00	1	1	1047	20.70	5.00	0.00	1	1
1048	27.15	5.00	0.00	1	1	1049	28.30	5.00	0.00	1	1	1050	29.81	5.00	0.00	1	1
1051	36.85	5.00	0.00	1	1	1052	0.00	5.80	0.00	1	1	1053	13.90	6.55	0.00	1	1
1054	20.70	6.80	0.00	1	1	1055	36.85	8.10	0.00	1	1	1056	39.67	8.10	0.00	1	1
1057	7.10	8.20	0.00	1	1	1058	13.90	8.20	0.00	1	1	1059	39.67	8.43	0.00	1	1
1060	0.00	8.90	0.00	1	1	1061	0.00	10.35	0.00	1	1	1062	27.15	10.50	0.00	1	1
1063	30.95	10.50	0.00	1	1	1064	31.90	10.50	0.00	1	1	1065	33.60	10.50	0.00	1	1
1066	38.02	10.50	0.00	1	1	1067	38.92	10.50	0.00	1	1	1068	39.67	10.50	0.00	1	1
1069	0.00	11.30	0.00	1	1	1070	7.10	11.85	0.00	1	1	1071	13.90	11.85	0.00	1	1
1072	39.67	12.47	0.00	0	3	1073	27.15	12.50	0.00	1	1	1074	0.00	12.75	0.00	1	1
1075	0.00	13.50	0.00	1	1	1076	1.30	13.50	0.00	1	1	1077	2.25	13.50	0.00	1	1
1078	3.46	13.50	0.00	1	1	1079	7.10	13.50	0.00	1	1	1080	8.00	13.50	0.00	1	1
1081	12.80	13.50	0.00	1	1	1082	13.90	13.50	0.00	1	1	1083	15.00	13.50	0.00	1	1
1084	19.30	13.50	0.00	1	1	1085	20.70	13.50	0.00	1	1	1086	39.67	13.93	0.00	1	1
1087	27.15	14.00	0.00	1	1	1088	20.70	14.94	0.00	1	1	1089	20.70	15.55	0.00	1	1
1090	21.25	15.55	0.00	1	1	1091	23.20	15.55	0.00	1	1	1092	23.75	15.55	0.00	1	1
1093	24.65	15.55	0.00	1	1	1094	27.15	15.55	0.00	1	1	1095	31.15	15.55	0.00	0	3
1096	31.75	15.55	0.00	0	3	1097	32.45	15.55	0.00	0	3	1098	33.40	15.55	0.00	0	3
1099	35.80	15.55	0.00	0	3	1100	39.67	15.55	0.00	0	3	1101	7.10	15.80	0.00	1	1
1102	0.00	15.85	0.00	1	1	1103	35.80	16.35	0.00	0	3	1104	20.70	16.85	0.00	1	1
1105	0.00	17.35	0.00	1	1	1106	35.80	17.35	0.00	0	3	1107	0.00	18.25	0.00	1	1
1108	23.20	19.35	0.00	1	1	1109	24.40	19.35	0.00	0	3	1110	25.85	19.35	0.00	0	3
1111	28.04	19.35	0.00	0	3	1112	29.49	19.35	0.00	0	3	1113	29.76	19.35	0.00	0	3
1114	31.21	19.35	0.00	0	3	1115	31.48	19.35	0.00	0	3	1116	32.93	19.35	0.00	0	3
1117	33.20	19.35	0.00	0	3	1118	34.65	19.35	0.00	0	3	1119	35.80	19.35	0.00	0	3
1120	0.00	19.75	0.00	1	1	1121	20.70	20.00	0.00	1	1	1122	23.20	20.48	0.00	1	1
1123	0.00	20.85	0.00	1	1	1124	5.10	20.85	0.00	1	1	1125	6.10	20.85	0.00	1	1
1126	7.10	20.85	0.00	1	1	1127	8.65	20.85	0.00	1	1	1128	9.55	20.85	0.00	1	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

1129	11.00	20.85	0.00	1	1	1130	11.95	20.85	0.00	1	1	1131	13.40	20.85	0.00	1	1
1132	20.70	20.85	0.00	1	1	1133	23.20	20.85	0.00	1	1	1134	0.00	21.10	0.00	1	1
1135	7.10	21.15	0.00	1	1	1136	0.00	22.55	0.00	1	1	1137	0.00	27.55	0.00	1	1
1138	1.00	27.55	0.00	1	1	1139	4.00	27.55	0.00	1	1	1140	4.95	27.55	0.00	1	1
1141	6.40	27.55	0.00	1	1	1142	7.10	27.55	0.00	1	1	1143	8.55	27.55	0.00	1	1
1144	9.50	27.55	0.00	1	1	1145	10.95	27.55	0.00	1	1	1146	12.00	27.55	0.00	1	1
1147	13.45	27.55	0.00	1	1	1148	15.55	27.55	0.00	1	1	1149	17.00	27.55	0.00	1	1
1150	17.60	27.55	0.00	1	1	1151	19.05	27.55	0.00	1	1	1152	19.65	27.55	0.00	1	1
1153	21.10	27.55	0.00	1	1	1154	23.20	27.55	0.00	1	1	2001	4.26	0.00	3.78	2	1
2002	22.90	0.85	3.78	2	1	2003	37.15	0.93	3.78	2	1	2004	27.15	1.93	3.78	2	1
2005	7.10	2.00	3.78	2	1	2006	0.00	2.13	3.78	2	1	2007	32.63	5.00	3.78	2	1
2008	36.85	7.07	3.78	2	1	2009	27.15	9.12	3.78	2	1	2010	20.70	9.48	3.78	2	1
2011	35.07	10.50	3.78	2	1	2012	0.00	14.68	3.78	2	1	2013	37.09	15.55	3.78	2	1
2014	27.15	19.35	3.78	2	1	2015	7.10	19.59	3.78	2	1	2016	14.86	20.85	3.78	2	1
2017	23.20	24.87	3.78	2	1	2018	0.00	25.05	3.78	2	1	2019	14.50	27.55	3.78	2	1
2020	27.15	-0.50	3.78	2	1	2021	28.95	-0.50	3.78	2	1	2022	30.10	-0.50	3.78	2	1
2023	31.55	-0.50	3.78	2	1	2024	32.75	-0.50	3.78	2	1	2025	34.20	-0.50	3.78	2	1
2026	35.40	-0.50	3.78	2	1	2027	37.15	-0.50	3.78	2	1	2028	0.00	0.00	3.78	2	1
2029	7.10	0.00	3.78	2	1	2030	7.10	0.85	3.78	2	1	2031	13.90	0.85	3.78	2	1
2032	17.25	0.85	3.78	2	1	2033	20.40	0.85	3.78	2	1	2034	20.70	0.85	3.78	2	1
2035	24.00	0.85	3.78	2	1	2036	27.15	0.85	3.78	2	1	2037	13.90	1.90	3.78	2	1
2038	17.25	1.90	3.78	2	1	2039	37.15	2.35	3.78	2	1	2040	37.62	2.35	3.78	2	1
2041	38.83	2.35	3.78	2	1	2042	39.67	2.35	3.78	2	1	2043	13.90	3.05	3.78	2	1
2044	7.10	3.15	3.78	2	1	2045	0.00	3.20	3.78	2	1	2046	7.10	4.00	3.78	2	1
2047	27.15	4.10	3.78	2	1	2048	20.70	5.00	3.78	2	1	2049	27.15	5.00	3.78	2	1
2050	28.30	5.00	3.78	2	1	2051	29.81	5.00	3.78	2	1	2052	36.85	5.00	3.78	2	1
2053	7.10	5.40	3.78	2	1	2054	0.00	5.80	3.78	2	1	2055	13.90	6.55	3.78	2	1
2056	20.70	6.80	3.78	2	1	2057	36.85	8.10	3.78	2	1	2058	39.67	8.10	3.78	2	1
2059	7.10	8.20	3.78	2	1	2060	13.90	8.20	3.78	2	1	2061	39.67	8.43	3.78	2	1
2062	0.00	8.90	3.78	2	1	2063	0.00	10.35	3.78	2	1	2064	27.15	10.50	3.78	2	1
2065	30.95	10.50	3.78	2	1	2066	31.90	10.50	3.78	2	1	2067	33.60	10.50	3.78	2	1
2068	38.02	10.50	3.78	2	1	2069	38.92	10.50	3.78	2	1	2070	39.67	10.50	3.78	2	1
2071	0.00	11.30	3.78	2	1	2072	7.10	11.85	3.78	2	1	2073	13.90	11.85	3.78	2	1
2074	39.67	12.47	3.78	2	1	2075	27.15	12.50	3.78	2	1	2076	0.00	12.75	3.78	2	1
2077	0.00	13.50	3.78	2	1	2078	1.30	13.50	3.78	2	1	2079	2.25	13.50	3.78	2	1
2080	3.46	13.50	3.78	2	1	2081	7.10	13.50	3.78	2	1	2082	8.00	13.50	3.78	2	1
2083	12.80	13.50	3.78	2	1	2084	13.90	13.50	3.78	2	1	2085	15.00	13.50	3.78	2	1
2086	19.30	13.50	3.78	2	1	2087	20.70	13.50	3.78	2	1	2088	39.67	13.93	3.78	2	1
2089	27.15	14.00	3.78	2	1	2090	20.70	14.94	3.78	2	1	2091	20.70	15.55	3.78	2	1
2092	21.25	15.55	3.78	2	1	2093	23.20	15.55	3.78	2	1	2094	23.75	15.55	3.78	2	1
2095	24.65	15.55	3.78	2	1	2096	27.15	15.55	3.78	2	1	2097	31.15	15.55	3.78	2	1
2098	31.75	15.55	3.78	2	1	2099	32.45	15.55	3.78	2	1	2100	33.40	15.55	3.78	2	1
2101	35.80	15.55	3.78	2	1	2102	39.67	15.55	3.78	2	1	2103	7.10	15.80	3.78	2	1
2104	0.00	15.85	3.78	2	1	2105	35.80	16.35	3.78	2	1	2106	20.70	16.85	3.78	2	1
2107	0.00	17.35	3.78	2	1	2108	35.80	17.35	3.78	2	1	2109	0.00	18.25	3.78	2	1
2110	23.20	19.35	3.78	2	1	2111	24.40	19.35	3.78	2	1	2112	25.85	19.35	3.78	2	1
2113	28.04	19.35	3.78	2	1	2114	29.49	19.35	3.78	2	1	2115	29.76	19.35	3.78	2	1
2116	31.21	19.35	3.78	2	1	2117	31.48	19.35	3.78	2	1	2118	32.93	19.35	3.78	2	1
2119	33.20	19.35	3.78	2	1	2120	34.65	19.35	3.78	2	1	2121	35.80	19.35	3.78	2	1
2122	0.00	19.75	3.78	2	1	2123	20.70	20.00	3.78	2	1	2124	23.20	20.48	3.78	2	1
2125	0.00	20.85	3.78	2	1	2126	5.10	20.85	3.78	2	1	2127	6.10	20.85	3.78	2	1
2128	7.10	20.85	3.78	2	1	2129	8.65	20.85	3.78	2	1	2130	9.55	20.85	3.78	2	1
2131	11.00	20.85	3.78	2	1	2132	11.95	20.85	3.78	2	1	2133	13.40	20.85	3.78	2	1
2134	20.70	20.85	3.78	2	1	2135	23.20	20.85	3.78	2	1	2136	0.00	21.10	3.78	2	1
2137	7.10	21.15	3.78	2	1	2138	0.00	22.55	3.78	2	1	2139	0.00	27.55	3.78	2	1
2140	1.00	27.55	3.78	2	1	2141	4.00	27.55	3.78	2	1	2142	4.95	27.55	3.78	2	1
2143	6.40	27.55	3.78	2	1	2144	7.10	27.55	3.78	2	1	2145	8.55	27.55	3.78	2	1
2146	9.50	27.55	3.78	2	1	2147	10.95	27.55	3.78	2	1	2148	12.00	27.55	3.78	2	1
2149	13.45	27.55	3.78	2	1	2150	15.55	27.55	3.78	2	1	2151	17.00	27.55	3.78	2	1
2152	17.60	27.55	3.78	2	1	2153	19.05	27.55	3.78	2	1	2154	19.65	27.55	3.78	2	1
2155	21.10	27.55	3.78	2	1	2156	23.20	27.55	3.78	2	1	3003	37.15	0.93	7.21	3	1
3004	27.15	1.93	7.21	3	1	3007	32.63	5.00	7.21	3	1	3008	36.85	7.07	7.21	3	1
3009	27.15	9.12	7.21	3	1	3011	35.07	10.50	7.21	3	1	3012	27.15	-2.00	7.21	3	1
3013	37.15	-2.00	7.21	3	1	3014	25.65	-0.50	7.21	3	1	3015	27.15	-0.50	7.21	3	1
3016	28.95	-0.50	7.21	3	1	3017	30.10	-0.50	7.21	3	1	3018	31.55	-0.50	7.21	3	1
3019	32.75	-0.50	7.21	3	1	3020	34.20	-0.50	7.21	3	1	3021	35.40	-0.50	7.21	3	1
3022	37.15	-0.50	7.21	3	1	3023	27.15	0.85	7.21	3	1	3024	37.15	2.35	7.21	3	1
3025	37.62	2.35	7.21	3	1	3026	38.83	2.35	7.21	3	1	3027	39.67	2.35	7.21	3	1
3028	41.17	2.35	7.21	3	1	3029	27.15	4.10	7.21	3	1	3030	27.15	5.00	7.21	3	1
3031	28.30	5.00	7.21	3	1	3032	29.81	5.00	7.21	3	1	3033	36.85	5.00	7.21	3	1
3034	36.85	8.10	7.21	3	1	3035	39.67	8.10	7.21	3	1	3036	39.67	8.43	7.21	3	1
3037	25.65	10.50	7.21	3	1	3038	27.15	10.50	7.21	3	1	3039	30.95	10.50	7.21	3	1
3040	31.90	10.50	7.21	3	1	3041	33.60	10.50	7.21	3	1	3042	38.02	10.50	7.21	3	1
3043	38.92	10.50	7.21	3	1	3044	39.67	10.50	7.21	3	1	3045	41.17	10.50	7.21	3	1



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

3046	27.15	12.00	7.21	3	1	3047	39.67	12.00	7.21	3	1
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### Elenco materiali

#### Simbologia

$\alpha$  =Coeff. di dilatazione termica  
 $\nu$  =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 <sup>2</sup> >	G <daN/cm <sup>2</sup> >	$\nu$	$\alpha$
3	Calcestruzzo classe C20/25*	0	302005.00	137275.00	0.1	1.00E-05
4	Calcestruzzo classe C20/25	2500	302005.00	137275.00	0.1	1.00E-05
5	Calcestruzzo classe C25/30	2500	314472.00	142942.00	0.1	1.00E-05
6	Calcestruzzo classe C28/35	2500	325881.00	148128.00	0.1	1.00E-05
22	Muratura 1	1800	22000.00	8800.00	0.1	1.00E-05
23	Muratura 2	1800	35750.00	14300.00	0.1	1.00E-05

### 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  
T = Trave  
P = Pilastro  
Sez. = Numero della sezione  
Tipo = Tipologia  
R = Rettangolare  
Ver. = Verifica prevista  
N = Nessuna  
C = Cemento armato

Sez.	Comm.	Tipo	Mem.	Ver.	B <cm>	H <cm>	Ma	C	Crit. C.I.	Crit. C.F.
1	SETTO 25x150	R	P	C	25.00	150.00	6	1		
3	SETTO 25x100	R	P	C	25.00	100.00	6	1		
4	Fondazione Esistente	R	T	N	50.00	50.00	5			

### Elenco vincoli aste

#### Simbologia

Comm. = Commento  
Kt = Coeff. di sottofondo su suolo elastico alla Winkler  
Mxf = Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)  
Mxi = Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)  
Myf = Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)  
Myi = Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)  
Mzf = Momento intorno all'asse Z locale nodo finale (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)  
Ni = Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)  
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  
Tyf = Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)  
Tyi = Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)  
Tzf = Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)  
Tzi = Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)  
Va = Numero del vincolo asta

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <daN/cm <sup>2</sup> >
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1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	CerZ+Inc	SVI	1	1	1	1	1	0	1	1	1	1	1	1	1	
10	CerZ+CerZ	SVI	1	1	1	1	1	0	1	1	1	1	1	1	0	
11	Inc+CerYZ	SVI	1	1	1	1	1	1	1	1	1	1	1	0	0	
20	CerZ+CerYZ	SVI	1	1	1	1	1	0	1	1	1	1	1	0	0	
30	K=3	ELA														3.00

## Elenco aste

### Simbologia

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

Asta	N1	N2	Sez.	Va	Par.	Rot.	FF	Dy1	Dy2	Dz1	Dz2	Kt
						<grad>		<cm>	<cm>	<cm>	<cm>	<daN/cmc>
0	-138	1028		1		0.00	11	0.00	0.00	0.00	0.00	
0	1028	-124		1		0.00	11	0.00	0.00	0.00	0.00	
0	-383	-138		1		0.00	11	0.00	0.00	0.00	0.00	
0	1006	-383		1		0.00	11	0.00	0.00	0.00	0.00	
0	-124	-125		1		0.00	11	0.00	0.00	0.00	0.00	
0	-385	1006		1		0.00	11	0.00	0.00	0.00	0.00	
0	1044	-385		1		0.00	11	0.00	0.00	0.00	0.00	
0	-125	-416		1		0.00	11	0.00	0.00	0.00	0.00	
0	-145	1044		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1515	2028		1		0.00	11	0.00	0.00	0.00	0.00	
0	2028	-1516		1		0.00	11	0.00	0.00	0.00	0.00	
0	-233	-1515		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1516	-1517		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1514	-233		1		0.00	11	0.00	0.00	0.00	0.00	
0	2006	-384		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1517	-1518		1		0.00	11	0.00	0.00	0.00	0.00	
0	1052	-145		1		0.00	11	0.00	0.00	0.00	0.00	
0	-384	-1514		1		0.00	11	0.00	0.00	0.00	0.00	
0	-386	2006		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1379	-386		1		0.00	11	0.00	0.00	0.00	0.00	
0	2045	-1379		1		0.00	11	0.00	0.00	0.00	0.00	
0	1001	-418		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1518	-1519		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1378	2045		1		0.00	11	0.00	0.00	0.00	0.00	
0	-416	1001		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1519	2001		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1377	-1378		1		0.00	11	0.00	0.00	0.00	0.00	
0	-418	-126		1		0.00	11	0.00	0.00	0.00	0.00	
0	-159	1052		1		0.00	11	0.00	0.00	0.00	0.00	
0	2054	-1377		1		0.00	11	0.00	0.00	0.00	0.00	
0	-126	1029		1		0.00	11	0.00	0.00	0.00	0.00	
0	1029	1030		1		0.00	11	0.00	0.00	0.00	0.00	
0	1030	-127		1		0.00	11	0.00	0.00	0.00	0.00	
0	2001	-1520		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1520	-1521		1		0.00	11	0.00	0.00	0.00	0.00	
0	-164	-159		1		0.00	11	0.00	0.00	0.00	0.00	
0	2029	2030		1		0.00	11	0.00	0.00	0.00	0.00	
0	1060	-164		1		0.00	11	0.00	0.00	0.00	0.00	
0	1061	1060		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1376	2054		1		0.00	11	0.00	0.00	0.00	0.00	
0	-246	-1376		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1374	-250		1		0.00	11	0.00	0.00	0.00	0.00	
0	1030	1005		1		0.00	11	0.00	0.00	0.00	0.00	
0	1005	1043		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1521	2029		1		0.00	11	0.00	0.00	0.00	0.00	
0	1069	1061		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1375	-246		1		0.00	11	0.00	0.00	0.00	0.00	
0	-250	-1375		1		0.00	11	0.00	0.00	0.00	0.00	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2062	-1374	1	0.00	11	0.00	0.00	0.00	0.00
0	-127	-128	1	0.00	11	0.00	0.00	0.00	0.00
0	1043	1045	1	0.00	11	0.00	0.00	0.00	0.00
0	-128	-129	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	-1238	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	-1239	1	0.00	11	0.00	0.00	0.00	0.00
0	-1238	2005	1	0.00	11	0.00	0.00	0.00	0.00
0	-1373	2062	1	0.00	11	0.00	0.00	0.00	0.00
0	2005	-1237	1	0.00	11	0.00	0.00	0.00	0.00
0	-1237	2044	1	0.00	11	0.00	0.00	0.00	0.00
0	-129	-130	1	0.00	11	0.00	0.00	0.00	0.00
0	-1239	-1240	1	0.00	11	0.00	0.00	0.00	0.00
0	2063	-1373	1	0.00	11	0.00	0.00	0.00	0.00
0	-1240	-1241	1	0.00	11	0.00	0.00	0.00	0.00
0	2044	2046	1	0.00	11	0.00	0.00	0.00	0.00
0	-1241	-1242	1	0.00	11	0.00	0.00	0.00	0.00
0	1074	1069	1	0.00	11	0.00	0.00	0.00	0.00
0	-1372	2071	1	0.00	11	0.00	0.00	0.00	0.00
0	1045	-154	1	0.00	11	0.00	0.00	0.00	0.00
0	-1236	2053	1	0.00	11	0.00	0.00	0.00	0.00
0	-1242	-1243	1	0.00	11	0.00	0.00	0.00	0.00
0	1075	1074	1	0.00	11	0.00	0.00	0.00	0.00
0	-154	-158	1	0.00	11	0.00	0.00	0.00	0.00
0	2046	-1236	1	0.00	11	0.00	0.00	0.00	0.00
0	2053	-1235	1	0.00	11	0.00	0.00	0.00	0.00
0	-374	1075	1	0.00	11	0.00	0.00	0.00	0.00
0	1076	1075	1	0.00	11	0.00	0.00	0.00	0.00
0	2071	2063	1	0.00	11	0.00	0.00	0.00	0.00
0	2076	-1372	1	0.00	11	0.00	0.00	0.00	0.00
0	2077	2076	1	0.00	11	0.00	0.00	0.00	0.00
0	-1243	-1244	1	0.00	11	0.00	0.00	0.00	0.00
0	-1235	-245	1	0.00	11	0.00	0.00	0.00	0.00
0	-1391	2077	1	0.00	11	0.00	0.00	0.00	0.00
0	-130	1031	1	0.00	11	0.00	0.00	0.00	0.00
0	-158	1057	1	0.00	11	0.00	0.00	0.00	0.00
0	-245	-1234	1	0.00	11	0.00	0.00	0.00	0.00
0	1012	-374	1	0.00	11	0.00	0.00	0.00	0.00
0	-371	1012	1	0.00	11	0.00	0.00	0.00	0.00
0	1031	-424	1	0.00	11	0.00	0.00	0.00	0.00
0	1102	-371	1	0.00	11	0.00	0.00	0.00	0.00
0	-375	-1615	1	0.00	11	0.00	0.00	0.00	0.00
0	2078	-1391	1	0.00	11	0.00	0.00	0.00	0.00
0	2012	-375	1	0.00	11	0.00	0.00	0.00	0.00
0	-1234	2059	1	0.00	11	0.00	0.00	0.00	0.00
0	2031	-425	1	0.00	11	0.00	0.00	0.00	0.00
0	1077	1076	1	0.00	11	0.00	0.00	0.00	0.00
0	-1615	2077	1	0.00	11	0.00	0.00	0.00	0.00
0	-372	2012	1	0.00	11	0.00	0.00	0.00	0.00
0	-1540	-372	1	0.00	11	0.00	0.00	0.00	0.00
0	2079	2078	1	0.00	11	0.00	0.00	0.00	0.00
0	1031	-131	1	0.00	11	0.00	0.00	0.00	0.00
0	-424	-139	1	0.00	11	0.00	0.00	0.00	0.00
0	-1244	2031	1	0.00	11	0.00	0.00	0.00	0.00
0	-425	2037	1	0.00	11	0.00	0.00	0.00	0.00
0	2104	-1540	1	0.00	11	0.00	0.00	0.00	0.00
0	1057	-167	1	0.00	11	0.00	0.00	0.00	0.00
0	-1390	2079	1	0.00	11	0.00	0.00	0.00	0.00
0	-139	-426	1	0.00	11	0.00	0.00	0.00	0.00
0	-131	-132	1	0.00	11	0.00	0.00	0.00	0.00
0	-1107	-1108	1	0.00	11	0.00	0.00	0.00	0.00
0	1105	1102	1	0.00	11	0.00	0.00	0.00	0.00
0	-426	1042	1	0.00	11	0.00	0.00	0.00	0.00
0	-167	-174	1	0.00	11	0.00	0.00	0.00	0.00
0	2059	-1233	1	0.00	11	0.00	0.00	0.00	0.00
0	1032	1037	1	0.00	11	0.00	0.00	0.00	0.00
0	2037	-427	1	0.00	11	0.00	0.00	0.00	0.00
0	2080	-1390	1	0.00	11	0.00	0.00	0.00	0.00
0	-1233	-1232	1	0.00	11	0.00	0.00	0.00	0.00
0	1042	-144	1	0.00	11	0.00	0.00	0.00	0.00
0	-132	1032	1	0.00	11	0.00	0.00	0.00	0.00
0	2031	-1107	1	0.00	11	0.00	0.00	0.00	0.00
0	1078	1077	1	0.00	11	0.00	0.00	0.00	0.00
0	-427	2043	1	0.00	11	0.00	0.00	0.00	0.00
0	-1108	-1109	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1389	2080	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	1105	1	0.00	11	0.00	0.00	0.00	0.00
0	-1539	2104	1	0.00	11	0.00	0.00	0.00	0.00
0	2107	-1539	1	0.00	11	0.00	0.00	0.00	0.00
0	2043	-1106	1	0.00	11	0.00	0.00	0.00	0.00
0	-182	1078	1	0.00	11	0.00	0.00	0.00	0.00
0	-1109	2032	1	0.00	11	0.00	0.00	0.00	0.00
0	2109	2107	1	0.00	11	0.00	0.00	0.00	0.00
0	-174	1070	1	0.00	11	0.00	0.00	0.00	0.00
0	-1232	-1231	1	0.00	11	0.00	0.00	0.00	0.00
0	-144	-153	1	0.00	11	0.00	0.00	0.00	0.00
0	-1106	-1105	1	0.00	11	0.00	0.00	0.00	0.00
0	2032	-1119	1	0.00	11	0.00	0.00	0.00	0.00
0	-1388	-262	1	0.00	11	0.00	0.00	0.00	0.00
0	1032	-133	1	0.00	11	0.00	0.00	0.00	0.00
0	2032	-1110	1	0.00	11	0.00	0.00	0.00	0.00
0	-183	-182	1	0.00	11	0.00	0.00	0.00	0.00
0	1120	1107	1	0.00	11	0.00	0.00	0.00	0.00
0	-1538	2109	1	0.00	11	0.00	0.00	0.00	0.00
0	-133	-134	1	0.00	11	0.00	0.00	0.00	0.00
0	-1119	2038	1	0.00	11	0.00	0.00	0.00	0.00
0	1070	-180	1	0.00	11	0.00	0.00	0.00	0.00
0	-262	-1389	1	0.00	11	0.00	0.00	0.00	0.00
0	-153	1053	1	0.00	11	0.00	0.00	0.00	0.00
0	1079	-183	1	0.00	11	0.00	0.00	0.00	0.00
0	-180	1079	1	0.00	11	0.00	0.00	0.00	0.00
0	-1231	2072	1	0.00	11	0.00	0.00	0.00	0.00
0	-263	-1388	1	0.00	11	0.00	0.00	0.00	0.00
0	-1105	-1104	1	0.00	11	0.00	0.00	0.00	0.00
0	-1110	-1111	1	0.00	11	0.00	0.00	0.00	0.00
0	-1111	-1112	1	0.00	11	0.00	0.00	0.00	0.00
0	-211	1120	1	0.00	11	0.00	0.00	0.00	0.00
0	-279	2122	1	0.00	11	0.00	0.00	0.00	0.00
0	1080	1079	1	0.00	11	0.00	0.00	0.00	0.00
0	2072	-260	1	0.00	11	0.00	0.00	0.00	0.00
0	-1387	-263	1	0.00	11	0.00	0.00	0.00	0.00
0	-260	2081	1	0.00	11	0.00	0.00	0.00	0.00
0	-134	1033	1	0.00	11	0.00	0.00	0.00	0.00
0	1123	-211	1	0.00	11	0.00	0.00	0.00	0.00
0	2122	-1538	1	0.00	11	0.00	0.00	0.00	0.00
0	-1104	2055	1	0.00	11	0.00	0.00	0.00	0.00
0	2081	-1387	1	0.00	11	0.00	0.00	0.00	0.00
0	-1112	2033	1	0.00	11	0.00	0.00	0.00	0.00
0	1053	-162	1	0.00	11	0.00	0.00	0.00	0.00
0	2055	-248	1	0.00	11	0.00	0.00	0.00	0.00
0	1134	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	2136	2125	1	0.00	11	0.00	0.00	0.00	0.00
0	1079	-189	1	0.00	11	0.00	0.00	0.00	0.00
0	2081	-1616	1	0.00	11	0.00	0.00	0.00	0.00
0	2082	2081	1	0.00	11	0.00	0.00	0.00	0.00
0	-213	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	-162	1058	1	0.00	11	0.00	0.00	0.00	0.00
0	1136	1134	1	0.00	11	0.00	0.00	0.00	0.00
0	-1645	-279	1	0.00	11	0.00	0.00	0.00	0.00
0	1033	1034	1	0.00	11	0.00	0.00	0.00	0.00
0	1034	-135	1	0.00	11	0.00	0.00	0.00	0.00
0	-135	-395	1	0.00	11	0.00	0.00	0.00	0.00
0	2033	2034	1	0.00	11	0.00	0.00	0.00	0.00
0	-568	-567	1	0.00	11	0.00	0.00	0.00	0.00
0	-349	-225	1	0.00	11	0.00	0.00	0.00	0.00
0	-1851	2125	1	0.00	11	0.00	0.00	0.00	0.00
0	-1850	2136	1	0.00	11	0.00	0.00	0.00	0.00
0	-248	2060	1	0.00	11	0.00	0.00	0.00	0.00
0	-1616	-1617	1	0.00	11	0.00	0.00	0.00	0.00
0	-281	-1851	1	0.00	11	0.00	0.00	0.00	0.00
0	-1249	2082	1	0.00	11	0.00	0.00	0.00	0.00
0	1034	-140	1	0.00	11	0.00	0.00	0.00	0.00
0	2034	-569	1	0.00	11	0.00	0.00	0.00	0.00
0	2034	-568	1	0.00	11	0.00	0.00	0.00	0.00
0	-225	1136	1	0.00	11	0.00	0.00	0.00	0.00
0	-1644	-1645	1	0.00	11	0.00	0.00	0.00	0.00
0	-184	1080	1	0.00	11	0.00	0.00	0.00	0.00
0	2138	-1850	1	0.00	11	0.00	0.00	0.00	0.00
0	-189	1101	1	0.00	11	0.00	0.00	0.00	0.00





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1852	-281	1	0.00	11	0.00	0.00	0.00	0.00
0	-1617	2103	1	0.00	11	0.00	0.00	0.00	0.00
0	1058	-168	1	0.00	11	0.00	0.00	0.00	0.00
0	2060	-1103	1	0.00	11	0.00	0.00	0.00	0.00
0	-214	-213	1	0.00	11	0.00	0.00	0.00	0.00
0	-1849	2138	1	0.00	11	0.00	0.00	0.00	0.00
0	1101	-204	1	0.00	11	0.00	0.00	0.00	0.00
0	2103	-1548	1	0.00	11	0.00	0.00	0.00	0.00
0	1002	-398	1	0.00	11	0.00	0.00	0.00	0.00
0	-232	-570	1	0.00	11	0.00	0.00	0.00	0.00
0	-1643	-1644	1	0.00	11	0.00	0.00	0.00	0.00
0	-185	-184	1	0.00	11	0.00	0.00	0.00	0.00
0	-289	-1849	1	0.00	11	0.00	0.00	0.00	0.00
0	-140	-142	1	0.00	11	0.00	0.00	0.00	0.00
0	-395	1002	1	0.00	11	0.00	0.00	0.00	0.00
0	-186	-185	1	0.00	11	0.00	0.00	0.00	0.00
0	-1248	-1249	1	0.00	11	0.00	0.00	0.00	0.00
0	-282	-1852	1	0.00	11	0.00	0.00	0.00	0.00
0	-1247	-1248	1	0.00	11	0.00	0.00	0.00	0.00
0	-283	-1853	1	0.00	11	0.00	0.00	0.00	0.00
0	-274	-1549	1	0.00	11	0.00	0.00	0.00	0.00
0	-142	1047	1	0.00	11	0.00	0.00	0.00	0.00
0	1035	-136	1	0.00	11	0.00	0.00	0.00	0.00
0	-569	-232	1	0.00	11	0.00	0.00	0.00	0.00
0	-570	-396	1	0.00	11	0.00	0.00	0.00	0.00
0	-1103	-1102	1	0.00	11	0.00	0.00	0.00	0.00
0	-567	-566	1	0.00	11	0.00	0.00	0.00	0.00
0	-215	-214	1	0.00	11	0.00	0.00	0.00	0.00
0	-1853	-282	1	0.00	11	0.00	0.00	0.00	0.00
0	-396	2002	1	0.00	11	0.00	0.00	0.00	0.00
0	-1548	-274	1	0.00	11	0.00	0.00	0.00	0.00
0	-1642	-1643	1	0.00	11	0.00	0.00	0.00	0.00
0	-1848	-289	1	0.00	11	0.00	0.00	0.00	0.00
0	-398	1035	1	0.00	11	0.00	0.00	0.00	0.00
0	2018	-350	1	0.00	11	0.00	0.00	0.00	0.00
0	1071	-181	1	0.00	11	0.00	0.00	0.00	0.00
0	-136	-137	1	0.00	11	0.00	0.00	0.00	0.00
0	2002	-399	1	0.00	11	0.00	0.00	0.00	0.00
0	-168	-175	1	0.00	11	0.00	0.00	0.00	0.00
0	-399	-571	1	0.00	11	0.00	0.00	0.00	0.00
0	-1102	-1101	1	0.00	11	0.00	0.00	0.00	0.00
0	-566	-565	1	0.00	11	0.00	0.00	0.00	0.00
0	-571	2035	1	0.00	11	0.00	0.00	0.00	0.00
0	-350	-1848	1	0.00	11	0.00	0.00	0.00	0.00
0	-204	-208	1	0.00	11	0.00	0.00	0.00	0.00
0	-1246	-1247	1	0.00	11	0.00	0.00	0.00	0.00
0	-1854	-283	1	0.00	11	0.00	0.00	0.00	0.00
0	1018	-349	1	0.00	11	0.00	0.00	0.00	0.00
0	-347	1018	1	0.00	11	0.00	0.00	0.00	0.00
0	-348	2018	1	0.00	11	0.00	0.00	0.00	0.00
0	-175	1071	1	0.00	11	0.00	0.00	0.00	0.00
0	-565	2048	1	0.00	11	0.00	0.00	0.00	0.00
0	-1101	2073	1	0.00	11	0.00	0.00	0.00	0.00
0	1124	-215	1	0.00	11	0.00	0.00	0.00	0.00
0	-229	-347	1	0.00	11	0.00	0.00	0.00	0.00
0	-1904	-348	1	0.00	11	0.00	0.00	0.00	0.00
0	-291	-1904	1	0.00	11	0.00	0.00	0.00	0.00
0	-208	-379	1	0.00	11	0.00	0.00	0.00	0.00
0	2126	-1854	1	0.00	11	0.00	0.00	0.00	0.00
0	1081	-186	1	0.00	11	0.00	0.00	0.00	0.00
0	-572	-573	1	0.00	11	0.00	0.00	0.00	0.00
0	1047	-155	1	0.00	11	0.00	0.00	0.00	0.00
0	2048	-564	1	0.00	11	0.00	0.00	0.00	0.00
0	2073	-261	1	0.00	11	0.00	0.00	0.00	0.00
0	1125	1124	1	0.00	11	0.00	0.00	0.00	0.00
0	-379	1015	1	0.00	11	0.00	0.00	0.00	0.00
0	1015	-377	1	0.00	11	0.00	0.00	0.00	0.00
0	-1641	-1642	1	0.00	11	0.00	0.00	0.00	0.00
0	-277	-1550	1	0.00	11	0.00	0.00	0.00	0.00
0	3014	3015	1	0.00	11	0.00	0.00	0.00	0.00
0	3015	3012	1	0.00	11	0.00	0.00	0.00	0.00
0	-380	2015	1	0.00	11	0.00	0.00	0.00	0.00
0	3015	-2076	1	0.00	11	0.00	0.00	0.00	0.00
0	-389	1082	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1245	2083	1	0.00	11	0.00	0.00	0.00	0.00
0	-377	-212	1	0.00	11	0.00	0.00	0.00	0.00
0	1126	1125	1	0.00	11	0.00	0.00	0.00	0.00
0	-1549	-277	1	0.00	11	0.00	0.00	0.00	0.00
0	-1639	-1640	1	0.00	11	0.00	0.00	0.00	0.00
0	-1903	-291	1	0.00	11	0.00	0.00	0.00	0.00
0	2015	-378	1	0.00	11	0.00	0.00	0.00	0.00
0	-573	-574	1	0.00	11	0.00	0.00	0.00	0.00
0	-391	1081	1	0.00	11	0.00	0.00	0.00	0.00
0	1137	-229	1	0.00	11	0.00	0.00	0.00	0.00
0	-181	-419	1	0.00	11	0.00	0.00	0.00	0.00
0	2083	-1246	1	0.00	11	0.00	0.00	0.00	0.00
0	-981	2020	1	0.00	11	0.00	0.00	0.00	0.00
0	2020	-982	1	0.00	11	0.00	0.00	0.00	0.00
0	-212	1126	1	0.00	11	0.00	0.00	0.00	0.00
0	1126	-216	1	0.00	11	0.00	0.00	0.00	0.00
0	-1640	-1641	1	0.00	11	0.00	0.00	0.00	0.00
0	-1550	-380	1	0.00	11	0.00	0.00	0.00	0.00
0	2127	2126	1	0.00	11	0.00	0.00	0.00	0.00
0	-155	1054	1	0.00	11	0.00	0.00	0.00	0.00
0	1020	-122	1	0.00	11	0.00	0.00	0.00	0.00
0	2139	-1903	1	0.00	11	0.00	0.00	0.00	0.00
0	1036	1020	1	0.00	11	0.00	0.00	0.00	0.00
0	2035	-572	1	0.00	11	0.00	0.00	0.00	0.00
0	-419	1082	1	0.00	11	0.00	0.00	0.00	0.00
0	-261	-420	1	0.00	11	0.00	0.00	0.00	0.00
0	-378	-1638	1	0.00	11	0.00	0.00	0.00	0.00
0	-564	2056	1	0.00	11	0.00	0.00	0.00	0.00
0	1082	-391	1	0.00	11	0.00	0.00	0.00	0.00
0	-392	-1245	1	0.00	11	0.00	0.00	0.00	0.00
0	-420	2084	1	0.00	11	0.00	0.00	0.00	0.00
0	2084	-392	1	0.00	11	0.00	0.00	0.00	0.00
0	-280	-1639	1	0.00	11	0.00	0.00	0.00	0.00
0	-390	2084	1	0.00	11	0.00	0.00	0.00	0.00
0	2128	2127	1	0.00	11	0.00	0.00	0.00	0.00
0	-137	1036	1	0.00	11	0.00	0.00	0.00	0.00
0	-1638	-280	1	0.00	11	0.00	0.00	0.00	0.00
0	2056	-563	1	0.00	11	0.00	0.00	0.00	0.00
0	-122	1021	1	0.00	11	0.00	0.00	0.00	0.00
0	-574	2036	1	0.00	11	0.00	0.00	0.00	0.00
0	2036	-981	1	0.00	11	0.00	0.00	0.00	0.00
0	1126	1135	1	0.00	11	0.00	0.00	0.00	0.00
0	-280	2128	1	0.00	11	0.00	0.00	0.00	0.00
0	1083	-389	1	0.00	11	0.00	0.00	0.00	0.00
0	-1118	-390	1	0.00	11	0.00	0.00	0.00	0.00
0	1138	1137	1	0.00	11	0.00	0.00	0.00	0.00
0	2140	2139	1	0.00	11	0.00	0.00	0.00	0.00
0	2085	-1118	1	0.00	11	0.00	0.00	0.00	0.00
0	-329	1036	1	0.00	11	0.00	0.00	0.00	0.00
0	-563	-252	1	0.00	11	0.00	0.00	0.00	0.00
0	1004	-329	1	0.00	11	0.00	0.00	0.00	0.00
0	1021	1022	1	0.00	11	0.00	0.00	0.00	0.00
0	-328	1004	1	0.00	11	0.00	0.00	0.00	0.00
0	-982	2021	1	0.00	11	0.00	0.00	0.00	0.00
0	-326	2036	1	0.00	11	0.00	0.00	0.00	0.00
0	2021	-983	1	0.00	11	0.00	0.00	0.00	0.00
0	-2075	3015	1	0.00	11	0.00	0.00	0.00	0.00
0	1135	-222	1	0.00	11	0.00	0.00	0.00	0.00
0	2128	2137	1	0.00	11	0.00	0.00	0.00	0.00
0	1054	-166	1	0.00	11	0.00	0.00	0.00	0.00
0	-1117	2085	1	0.00	11	0.00	0.00	0.00	0.00
0	-252	-406	1	0.00	11	0.00	0.00	0.00	0.00
0	-230	1138	1	0.00	11	0.00	0.00	0.00	0.00
0	2022	-984	1	0.00	11	0.00	0.00	0.00	0.00
0	1139	-230	1	0.00	11	0.00	0.00	0.00	0.00
0	1049	-146	1	0.00	11	0.00	0.00	0.00	0.00
0	3023	-2075	1	0.00	11	0.00	0.00	0.00	0.00
0	-327	3023	1	0.00	11	0.00	0.00	0.00	0.00
0	-1907	2140	1	0.00	11	0.00	0.00	0.00	0.00
0	-216	1127	1	0.00	11	0.00	0.00	0.00	0.00
0	2128	-1652	1	0.00	11	0.00	0.00	0.00	0.00
0	-166	-405	1	0.00	11	0.00	0.00	0.00	0.00
0	-187	1083	1	0.00	11	0.00	0.00	0.00	0.00
0	-141	-328	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	1022	1023	1	0.00	11	0.00	0.00	0.00	0.00
0	1046	-141	1	0.00	11	0.00	0.00	0.00	0.00
0	2004	-326	1	0.00	11	0.00	0.00	0.00	0.00
0	-324	2004	1	0.00	11	0.00	0.00	0.00	0.00
0	2047	-575	1	0.00	11	0.00	0.00	0.00	0.00
0	1023	1024	1	0.00	11	0.00	0.00	0.00	0.00
0	-983	2022	1	0.00	11	0.00	0.00	0.00	0.00
0	1048	1049	1	0.00	11	0.00	0.00	0.00	0.00
0	-234	-324	1	0.00	11	0.00	0.00	0.00	0.00
0	-2076	3016	1	0.00	11	0.00	0.00	0.00	0.00
0	3016	-2077	1	0.00	11	0.00	0.00	0.00	0.00
0	-2077	3017	1	0.00	11	0.00	0.00	0.00	0.00
0	-405	1010	1	0.00	11	0.00	0.00	0.00	0.00
0	-575	-234	1	0.00	11	0.00	0.00	0.00	0.00
0	-325	3004	1	0.00	11	0.00	0.00	0.00	0.00
0	-1116	-1117	1	0.00	11	0.00	0.00	0.00	0.00
0	1127	1128	1	0.00	11	0.00	0.00	0.00	0.00
0	-222	-224	1	0.00	11	0.00	0.00	0.00	0.00
0	-1652	2129	1	0.00	11	0.00	0.00	0.00	0.00
0	2129	2130	1	0.00	11	0.00	0.00	0.00	0.00
0	3017	-2078	1	0.00	11	0.00	0.00	0.00	0.00
0	-1906	-1907	1	0.00	11	0.00	0.00	0.00	0.00
0	1010	-408	1	0.00	11	0.00	0.00	0.00	0.00
0	-408	-176	1	0.00	11	0.00	0.00	0.00	0.00
0	-406	2010	1	0.00	11	0.00	0.00	0.00	0.00
0	-2074	-293	1	0.00	11	0.00	0.00	0.00	0.00
0	-188	-187	1	0.00	11	0.00	0.00	0.00	0.00
0	2010	-409	1	0.00	11	0.00	0.00	0.00	0.00
0	-984	2023	1	0.00	11	0.00	0.00	0.00	0.00
0	3029	-2074	1	0.00	11	0.00	0.00	0.00	0.00
0	2023	-985	1	0.00	11	0.00	0.00	0.00	0.00
0	3012	3013	1	0.00	11	0.00	0.00	0.00	0.00
0	-224	-226	1	0.00	11	0.00	0.00	0.00	0.00
0	-176	-179	1	0.00	11	0.00	0.00	0.00	0.00
0	-1115	-1116	1	0.00	11	0.00	0.00	0.00	0.00
0	3037	3014	1	0.00	11	0.00	0.00	0.00	0.00
0	-2078	3018	1	0.00	11	0.00	0.00	0.00	0.00
0	1129	1130	1	0.00	11	0.00	0.00	0.00	0.00
0	2130	-1653	1	0.00	11	0.00	0.00	0.00	0.00
0	2141	-1906	1	0.00	11	0.00	0.00	0.00	0.00
0	1128	1129	1	0.00	11	0.00	0.00	0.00	0.00
0	-409	-256	1	0.00	11	0.00	0.00	0.00	0.00
0	-1653	2131	1	0.00	11	0.00	0.00	0.00	0.00
0	-1114	-1115	1	0.00	11	0.00	0.00	0.00	0.00
0	1048	1046	1	0.00	11	0.00	0.00	0.00	0.00
0	-256	-562	1	0.00	11	0.00	0.00	0.00	0.00
0	-985	2024	1	0.00	11	0.00	0.00	0.00	0.00
0	2024	-986	1	0.00	11	0.00	0.00	0.00	0.00
0	-157	1048	1	0.00	11	0.00	0.00	0.00	0.00
0	3018	-2079	1	0.00	11	0.00	0.00	0.00	0.00
0	3030	3029	1	0.00	11	0.00	0.00	0.00	0.00
0	-2079	3019	1	0.00	11	0.00	0.00	0.00	0.00
0	1140	1139	1	0.00	11	0.00	0.00	0.00	0.00
0	2142	2141	1	0.00	11	0.00	0.00	0.00	0.00
0	1084	-188	1	0.00	11	0.00	0.00	0.00	0.00
0	2131	2132	1	0.00	11	0.00	0.00	0.00	0.00
0	1085	1084	1	0.00	11	0.00	0.00	0.00	0.00
0	-179	1085	1	0.00	11	0.00	0.00	0.00	0.00
0	2086	-1114	1	0.00	11	0.00	0.00	0.00	0.00
0	-163	-157	1	0.00	11	0.00	0.00	0.00	0.00
0	1050	-147	1	0.00	11	0.00	0.00	0.00	0.00
0	-323	-163	1	0.00	11	0.00	0.00	0.00	0.00
0	2049	2047	1	0.00	11	0.00	0.00	0.00	0.00
0	2049	-848	1	0.00	11	0.00	0.00	0.00	0.00
0	-576	2049	1	0.00	11	0.00	0.00	0.00	0.00
0	-226	-228	1	0.00	11	0.00	0.00	0.00	0.00
0	-1905	2142	1	0.00	11	0.00	0.00	0.00	0.00
0	1024	1025	1	0.00	11	0.00	0.00	0.00	0.00
0	-848	2050	1	0.00	11	0.00	0.00	0.00	0.00
0	3004	-327	1	0.00	11	0.00	0.00	0.00	0.00
0	-244	-576	1	0.00	11	0.00	0.00	0.00	0.00
0	-249	-577	1	0.00	11	0.00	0.00	0.00	0.00
0	3030	-1930	1	0.00	11	0.00	0.00	0.00	0.00
0	-1929	3030	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-562	-259	1	0.00	11	0.00	0.00	0.00	0.00
0	2132	-1654	1	0.00	11	0.00	0.00	0.00	0.00
0	-259	-561	1	0.00	11	0.00	0.00	0.00	0.00
0	1141	1140	1	0.00	11	0.00	0.00	0.00	0.00
0	-986	2025	1	0.00	11	0.00	0.00	0.00	0.00
0	-561	2087	1	0.00	11	0.00	0.00	0.00	0.00
0	-236	2051	1	0.00	11	0.00	0.00	0.00	0.00
0	-303	-1929	1	0.00	11	0.00	0.00	0.00	0.00
0	1130	1131	1	0.00	11	0.00	0.00	0.00	0.00
0	2143	-1905	1	0.00	11	0.00	0.00	0.00	0.00
0	2050	-236	1	0.00	11	0.00	0.00	0.00	0.00
0	2087	-1113	1	0.00	11	0.00	0.00	0.00	0.00
0	-1654	2133	1	0.00	11	0.00	0.00	0.00	0.00
0	1025	1026	1	0.00	11	0.00	0.00	0.00	0.00
0	2025	-987	1	0.00	11	0.00	0.00	0.00	0.00
0	-146	1050	1	0.00	11	0.00	0.00	0.00	0.00
0	3019	-2080	1	0.00	11	0.00	0.00	0.00	0.00
0	-577	-244	1	0.00	11	0.00	0.00	0.00	0.00
0	-228	1142	1	0.00	11	0.00	0.00	0.00	0.00
0	1142	1141	1	0.00	11	0.00	0.00	0.00	0.00
0	-2081	3021	1	0.00	11	0.00	0.00	0.00	0.00
0	2051	-237	1	0.00	11	0.00	0.00	0.00	0.00
0	-293	-325	1	0.00	11	0.00	0.00	0.00	0.00
0	-1113	2086	1	0.00	11	0.00	0.00	0.00	0.00
0	3031	-295	1	0.00	11	0.00	0.00	0.00	0.00
0	2144	2143	1	0.00	11	0.00	0.00	0.00	0.00
0	-987	2026	1	0.00	11	0.00	0.00	0.00	0.00
0	1131	-359	1	0.00	11	0.00	0.00	0.00	0.00
0	2133	-1655	1	0.00	11	0.00	0.00	0.00	0.00
0	1085	1088	1	0.00	11	0.00	0.00	0.00	0.00
0	-1666	2144	1	0.00	11	0.00	0.00	0.00	0.00
0	-321	-249	1	0.00	11	0.00	0.00	0.00	0.00
0	-322	-305	1	0.00	11	0.00	0.00	0.00	0.00
0	-560	2090	1	0.00	11	0.00	0.00	0.00	0.00
0	1016	-363	1	0.00	11	0.00	0.00	0.00	0.00
0	-1655	-360	1	0.00	11	0.00	0.00	0.00	0.00
0	-734	2064	1	0.00	11	0.00	0.00	0.00	0.00
0	-305	-1928	1	0.00	11	0.00	0.00	0.00	0.00
0	1026	-123	1	0.00	11	0.00	0.00	0.00	0.00
0	2026	-988	1	0.00	11	0.00	0.00	0.00	0.00
0	1143	1142	1	0.00	11	0.00	0.00	0.00	0.00
0	-359	1016	1	0.00	11	0.00	0.00	0.00	0.00
0	2145	-1666	1	0.00	11	0.00	0.00	0.00	0.00
0	-147	-148	1	0.00	11	0.00	0.00	0.00	0.00
0	-237	-238	1	0.00	11	0.00	0.00	0.00	0.00
0	3013	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	2009	-321	1	0.00	11	0.00	0.00	0.00	0.00
0	1088	1089	1	0.00	11	0.00	0.00	0.00	0.00
0	-363	-217	1	0.00	11	0.00	0.00	0.00	0.00
0	-364	-1752	1	0.00	11	0.00	0.00	0.00	0.00
0	-123	1027	1	0.00	11	0.00	0.00	0.00	0.00
0	1089	-198	1	0.00	11	0.00	0.00	0.00	0.00
0	1090	1089	1	0.00	11	0.00	0.00	0.00	0.00
0	2087	-560	1	0.00	11	0.00	0.00	0.00	0.00
0	2092	2091	1	0.00	11	0.00	0.00	0.00	0.00
0	-320	1009	1	0.00	11	0.00	0.00	0.00	0.00
0	-315	1007	1	0.00	11	0.00	0.00	0.00	0.00
0	-332	1003	1	0.00	11	0.00	0.00	0.00	0.00
0	1003	-335	1	0.00	11	0.00	0.00	0.00	0.00
0	2027	-989	1	0.00	11	0.00	0.00	0.00	0.00
0	3020	-2081	1	0.00	11	0.00	0.00	0.00	0.00
0	3021	-2082	1	0.00	11	0.00	0.00	0.00	0.00
0	1009	-323	1	0.00	11	0.00	0.00	0.00	0.00
0	-238	-849	1	0.00	11	0.00	0.00	0.00	0.00
0	-295	3032	1	0.00	11	0.00	0.00	0.00	0.00
0	2016	-364	1	0.00	11	0.00	0.00	0.00	0.00
0	1144	1143	1	0.00	11	0.00	0.00	0.00	0.00
0	-318	2009	1	0.00	11	0.00	0.00	0.00	0.00
0	-581	2092	1	0.00	11	0.00	0.00	0.00	0.00
0	2064	-318	1	0.00	11	0.00	0.00	0.00	0.00
0	3009	-322	1	0.00	11	0.00	0.00	0.00	0.00
0	3038	3037	1	0.00	11	0.00	0.00	0.00	0.00
0	-149	-150	1	0.00	11	0.00	0.00	0.00	0.00
0	-316	2007	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2007	-310	1	0.00	11	0.00	0.00	0.00	0.00
0	-170	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	-1930	3031	1	0.00	11	0.00	0.00	0.00	0.00
0	-1928	-303	1	0.00	11	0.00	0.00	0.00	0.00
0	-360	2016	1	0.00	11	0.00	0.00	0.00	0.00
0	-296	-297	1	0.00	11	0.00	0.00	0.00	0.00
0	-2082	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	2146	2145	1	0.00	11	0.00	0.00	0.00	0.00
0	-148	-315	1	0.00	11	0.00	0.00	0.00	0.00
0	-198	1104	1	0.00	11	0.00	0.00	0.00	0.00
0	-192	1090	1	0.00	11	0.00	0.00	0.00	0.00
0	-319	3009	1	0.00	11	0.00	0.00	0.00	0.00
0	-849	-316	1	0.00	11	0.00	0.00	0.00	0.00
0	1027	-332	1	0.00	11	0.00	0.00	0.00	0.00
0	1145	1144	1	0.00	11	0.00	0.00	0.00	0.00
0	-253	-734	1	0.00	11	0.00	0.00	0.00	0.00
0	-205	-210	1	0.00	11	0.00	0.00	0.00	0.00
0	2090	2091	1	0.00	11	0.00	0.00	0.00	0.00
0	-268	-467	1	0.00	11	0.00	0.00	0.00	0.00
0	-467	2106	1	0.00	11	0.00	0.00	0.00	0.00
0	1062	-320	1	0.00	11	0.00	0.00	0.00	0.00
0	-284	-1753	1	0.00	11	0.00	0.00	0.00	0.00
0	1007	-312	1	0.00	11	0.00	0.00	0.00	0.00
0	-171	-170	1	0.00	11	0.00	0.00	0.00	0.00
0	3032	-296	1	0.00	11	0.00	0.00	0.00	0.00
0	-988	2027	1	0.00	11	0.00	0.00	0.00	0.00
0	-1752	-284	1	0.00	11	0.00	0.00	0.00	0.00
0	3038	-319	1	0.00	11	0.00	0.00	0.00	0.00
0	1104	-205	1	0.00	11	0.00	0.00	0.00	0.00
0	-335	1038	1	0.00	11	0.00	0.00	0.00	0.00
0	1039	1040	1	0.00	11	0.00	0.00	0.00	0.00
0	-1931	-317	1	0.00	11	0.00	0.00	0.00	0.00
0	-1665	2146	1	0.00	11	0.00	0.00	0.00	0.00
0	-468	-469	1	0.00	11	0.00	0.00	0.00	0.00
0	3007	-311	1	0.00	11	0.00	0.00	0.00	0.00
0	-989	-330	1	0.00	11	0.00	0.00	0.00	0.00
0	-217	-218	1	0.00	11	0.00	0.00	0.00	0.00
0	1038	1039	1	0.00	11	0.00	0.00	0.00	0.00
0	-330	2003	1	0.00	11	0.00	0.00	0.00	0.00
0	2003	-333	1	0.00	11	0.00	0.00	0.00	0.00
0	-312	-149	1	0.00	11	0.00	0.00	0.00	0.00
0	-2080	3020	1	0.00	11	0.00	0.00	0.00	0.00
0	3022	-2083	1	0.00	11	0.00	0.00	0.00	0.00
0	-310	-850	1	0.00	11	0.00	0.00	0.00	0.00
0	-333	-990	1	0.00	11	0.00	0.00	0.00	0.00
0	3003	-334	1	0.00	11	0.00	0.00	0.00	0.00
0	-1932	-298	1	0.00	11	0.00	0.00	0.00	0.00
0	-199	-202	1	0.00	11	0.00	0.00	0.00	0.00
0	2106	-466	1	0.00	11	0.00	0.00	0.00	0.00
0	-331	3003	1	0.00	11	0.00	0.00	0.00	0.00
0	2147	-1665	1	0.00	11	0.00	0.00	0.00	0.00
0	-178	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	-199	1	0.00	11	0.00	0.00	0.00	0.00
0	1092	1091	1	0.00	11	0.00	0.00	0.00	0.00
0	-1947	3038	1	0.00	11	0.00	0.00	0.00	0.00
0	-469	-269	1	0.00	11	0.00	0.00	0.00	0.00
0	-285	-1754	1	0.00	11	0.00	0.00	0.00	0.00
0	1073	-178	1	0.00	11	0.00	0.00	0.00	0.00
0	-202	-206	1	0.00	11	0.00	0.00	0.00	0.00
0	-268	-468	1	0.00	11	0.00	0.00	0.00	0.00
0	-311	-1932	1	0.00	11	0.00	0.00	0.00	0.00
0	-258	2064	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	-192	1	0.00	11	0.00	0.00	0.00	0.00
0	2093	-581	1	0.00	11	0.00	0.00	0.00	0.00
0	-850	-239	1	0.00	11	0.00	0.00	0.00	0.00
0	1146	1145	1	0.00	11	0.00	0.00	0.00	0.00
0	-1664	2147	1	0.00	11	0.00	0.00	0.00	0.00
0	2094	2093	1	0.00	11	0.00	0.00	0.00	0.00
0	-1946	-307	1	0.00	11	0.00	0.00	0.00	0.00
0	-239	-851	1	0.00	11	0.00	0.00	0.00	0.00
0	-297	-1931	1	0.00	11	0.00	0.00	0.00	0.00
0	1093	1092	1	0.00	11	0.00	0.00	0.00	0.00
0	-210	1121	1	0.00	11	0.00	0.00	0.00	0.00
0	-1753	-285	1	0.00	11	0.00	0.00	0.00	0.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-269	-432	1	0.00	11	0.00	0.00	0.00	0.00	
0	-269	-433	1	0.00	11	0.00	0.00	0.00	0.00	
0	-218	-219	1	0.00	11	0.00	0.00	0.00	0.00	
0	-466	-465	1	0.00	11	0.00	0.00	0.00	0.00	
0	-465	-464	1	0.00	11	0.00	0.00	0.00	0.00	
0	1147	1146	1	0.00	11	0.00	0.00	0.00	0.00	
0	2148	-1664	1	0.00	11	0.00	0.00	0.00	0.00	
0	1063	-171	1	0.00	11	0.00	0.00	0.00	0.00	
0	-193	1093	1	0.00	11	0.00	0.00	0.00	0.00	
0	-578	2075	1	0.00	11	0.00	0.00	0.00	0.00	
0	3046	3038	1	0.00	11	0.00	0.00	0.00	0.00	
0	-1754	-286	1	0.00	11	0.00	0.00	0.00	0.00	
0	-432	-272	1	0.00	11	0.00	0.00	0.00	0.00	
0	2095	2094	1	0.00	11	0.00	0.00	0.00	0.00	
0	-851	-240	1	0.00	11	0.00	0.00	0.00	0.00	
0	-317	3007	1	0.00	11	0.00	0.00	0.00	0.00	
0	-990	2039	1	0.00	11	0.00	0.00	0.00	0.00	
0	-735	-253	1	0.00	11	0.00	0.00	0.00	0.00	
0	-1663	2148	1	0.00	11	0.00	0.00	0.00	0.00	
0	1121	1132	1	0.00	11	0.00	0.00	0.00	0.00	
0	-150	1051	1	0.00	11	0.00	0.00	0.00	0.00	
0	2039	2040	1	0.00	11	0.00	0.00	0.00	0.00	
0	-991	2039	1	0.00	11	0.00	0.00	0.00	0.00	
0	-2083	-331	1	0.00	11	0.00	0.00	0.00	0.00	
0	3024	-2085	1	0.00	11	0.00	0.00	0.00	0.00	
0	-464	2123	1	0.00	11	0.00	0.00	0.00	0.00	
0	1087	1073	1	0.00	11	0.00	0.00	0.00	0.00	
0	-736	-254	1	0.00	11	0.00	0.00	0.00	0.00	
0	-580	2095	1	0.00	11	0.00	0.00	0.00	0.00	
0	2089	-578	1	0.00	11	0.00	0.00	0.00	0.00	
0	-219	1132	1	0.00	11	0.00	0.00	0.00	0.00	
0	-272	-431	1	0.00	11	0.00	0.00	0.00	0.00	
0	-286	-1755	1	0.00	11	0.00	0.00	0.00	0.00	
0	-353	1147	1	0.00	11	0.00	0.00	0.00	0.00	
0	1040	1041	1	0.00	11	0.00	0.00	0.00	0.00	
0	1041	-143	1	0.00	11	0.00	0.00	0.00	0.00	
0	-338	-156	1	0.00	11	0.00	0.00	0.00	0.00	
0	2040	2041	1	0.00	11	0.00	0.00	0.00	0.00	
0	1056	1059	1	0.00	11	0.00	0.00	0.00	0.00	
0	-334	-2084	1	0.00	11	0.00	0.00	0.00	0.00	
0	2149	-1663	1	0.00	11	0.00	0.00	0.00	0.00	
0	-240	-852	1	0.00	11	0.00	0.00	0.00	0.00	
0	-852	2052	1	0.00	11	0.00	0.00	0.00	0.00	
0	-2084	3024	1	0.00	11	0.00	0.00	0.00	0.00	
0	-298	-1933	1	0.00	11	0.00	0.00	0.00	0.00	
0	3039	-1945	1	0.00	11	0.00	0.00	0.00	0.00	
0	-1662	2149	1	0.00	11	0.00	0.00	0.00	0.00	
0	2052	-992	1	0.00	11	0.00	0.00	0.00	0.00	
0	-191	1087	1	0.00	11	0.00	0.00	0.00	0.00	
0	2075	-258	1	0.00	11	0.00	0.00	0.00	0.00	
0	-992	-991	1	0.00	11	0.00	0.00	0.00	0.00	
0	2041	2042	1	0.00	11	0.00	0.00	0.00	0.00	
0	-206	1108	1	0.00	11	0.00	0.00	0.00	0.00	
0	-1755	2134	1	0.00	11	0.00	0.00	0.00	0.00	
0	-275	-430	1	0.00	11	0.00	0.00	0.00	0.00	
0	1064	1063	1	0.00	11	0.00	0.00	0.00	0.00	
0	-254	-735	1	0.00	11	0.00	0.00	0.00	0.00	
0	-1933	-299	1	0.00	11	0.00	0.00	0.00	0.00	
0	3025	-2220	1	0.00	11	0.00	0.00	0.00	0.00	
0	1019	-353	1	0.00	11	0.00	0.00	0.00	0.00	
0	-354	-1662	1	0.00	11	0.00	0.00	0.00	0.00	
0	2066	2065	1	0.00	11	0.00	0.00	0.00	0.00	
0	-355	1019	1	0.00	11	0.00	0.00	0.00	0.00	
0	2019	-354	1	0.00	11	0.00	0.00	0.00	0.00	
0	-172	1064	1	0.00	11	0.00	0.00	0.00	0.00	
0	2065	-736	1	0.00	11	0.00	0.00	0.00	0.00	
0	1094	-193	1	0.00	11	0.00	0.00	0.00	0.00	
0	1094	-191	1	0.00	11	0.00	0.00	0.00	0.00	
0	-194	1094	4 30	0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-307	-1947	1	0.00	11	0.00	0.00	0.00	0.00	
0	-433	-434	1	0.00	11	0.00	0.00	0.00	0.00	
0	1051	-151	1	0.00	11	0.00	0.00	0.00	0.00	
0	-853	2052	1	0.00	11	0.00	0.00	0.00	0.00	
0	-299	-1934	1	0.00	11	0.00	0.00	0.00	0.00	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-356	2019		1		0.00	11	0.00	0.00	0.00	0.00	
0	1132	-220		1		0.00	11	0.00	0.00	0.00	0.00	
0	2096	-579		1		0.00	11	0.00	0.00	0.00	0.00	
0	-242	-853		1		0.00	11	0.00	0.00	0.00	0.00	
0	3024	3025		1		0.00	11	0.00	0.00	0.00	0.00	
0	-200	1094	4	30		0.00	11	0.00	0.00	0.00	0.00	3.00
0	3027	3028		1		0.00	11	0.00	0.00	0.00	0.00	
0	1109	1108	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-203	-200	4	30		0.00	11	0.00	0.00	0.00	0.00	3.00
0	-344	1065		1		0.00	11	0.00	0.00	0.00	0.00	
0	-308	-1946		1		0.00	11	0.00	0.00	0.00	0.00	
0	2067	-737		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1945	-308		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2085	-2086		1		0.00	11	0.00	0.00	0.00	0.00	
0	-431	-275		1		0.00	11	0.00	0.00	0.00	0.00	
0	2123	2134		1		0.00	11	0.00	0.00	0.00	0.00	
0	-207	-203	4	30		0.00	11	0.00	0.00	0.00	0.00	3.00
0	-434	-435		1		0.00	11	0.00	0.00	0.00	0.00	
0	-265	2089		1		0.00	11	0.00	0.00	0.00	0.00	
0	3026	3027		1		0.00	11	0.00	0.00	0.00	0.00	
0	-220	1133		1		0.00	11	0.00	0.00	0.00	0.00	
0	2134	-472		1		0.00	11	0.00	0.00	0.00	0.00	
0	-430	2110		1		0.00	11	0.00	0.00	0.00	0.00	
0	-156	-341		1		0.00	11	0.00	0.00	0.00	0.00	
0	2042	-235		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2220	3026		1		0.00	11	0.00	0.00	0.00	0.00	
0	-737	2066		1		0.00	11	0.00	0.00	0.00	0.00	
0	3040	3039		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1935	3033		1		0.00	11	0.00	0.00	0.00	0.00	
0	-435	-270		1		0.00	11	0.00	0.00	0.00	0.00	
0	2096	-265		1		0.00	11	0.00	0.00	0.00	0.00	
0	1148	-355		1		0.00	11	0.00	0.00	0.00	0.00	
0	-441	2110		1		0.00	11	0.00	0.00	0.00	0.00	
0	1065	-172		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1934	3033		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1766	-356		1		0.00	11	0.00	0.00	0.00	0.00	
0	1110	1109	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-195	-194	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-266	-580		1		0.00	11	0.00	0.00	0.00	0.00	
0	-579	-266		1		0.00	11	0.00	0.00	0.00	0.00	
0	-472	-471		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1944	3040		1		0.00	11	0.00	0.00	0.00	0.00	
0	2110	-470		1		0.00	11	0.00	0.00	0.00	0.00	
0	-436	-270		1		0.00	11	0.00	0.00	0.00	0.00	
0	-748	2096		1		0.00	11	0.00	0.00	0.00	0.00	
0	-270	-495		1		0.00	11	0.00	0.00	0.00	0.00	
0	1149	1148		1		0.00	11	0.00	0.00	0.00	0.00	
0	2150	-1766		1		0.00	11	0.00	0.00	0.00	0.00	
0	-151	-152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-143	-152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-152	-338		1		0.00	11	0.00	0.00	0.00	0.00	
0	-341	-161		1		0.00	11	0.00	0.00	0.00	0.00	
0	3027	-2221		1		0.00	11	0.00	0.00	0.00	0.00	
0	-854	-242		1		0.00	11	0.00	0.00	0.00	0.00	
0	-470	2124		1		0.00	11	0.00	0.00	0.00	0.00	
0	2111	-441		1		0.00	11	0.00	0.00	0.00	0.00	
0	-471	2135		1		0.00	11	0.00	0.00	0.00	0.00	
0	2008	-854		1		0.00	11	0.00	0.00	0.00	0.00	
0	-301	-1935		1		0.00	11	0.00	0.00	0.00	0.00	
0	1108	1122		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1765	2150		1		0.00	11	0.00	0.00	0.00	0.00	
0	1122	1133		1		0.00	11	0.00	0.00	0.00	0.00	
0	2124	2135		1		0.00	11	0.00	0.00	0.00	0.00	
0	-165	1055		1		0.00	11	0.00	0.00	0.00	0.00	
0	-235	-241		1		0.00	11	0.00	0.00	0.00	0.00	
0	-440	2111		1		0.00	11	0.00	0.00	0.00	0.00	
0	-747	-748		1		0.00	11	0.00	0.00	0.00	0.00	
0	1133	-221		1		0.00	11	0.00	0.00	0.00	0.00	
0	1150	1149		1		0.00	11	0.00	0.00	0.00	0.00	
0	1014	1110	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1056	-165		1		0.00	11	0.00	0.00	0.00	0.00	
0	-855	2008		1		0.00	11	0.00	0.00	0.00	0.00	
0	-437	-273		1		0.00	11	0.00	0.00	0.00	0.00	
0	2135	-1841		1		0.00	11	0.00	0.00	0.00	0.00	





0	2057	-855		1		0.00	11	0.00	0.00	0.00	0.00	
0	1014	-207	4	30		0.00	11	0.00	0.00	0.00	0.00	3.00
0	-495	-496		1		0.00	11	0.00	0.00	0.00	0.00	
0	2112	-440		1		0.00	11	0.00	0.00	0.00	0.00	
0	-276	-437		1		0.00	11	0.00	0.00	0.00	0.00	
0	-241	-336		1		0.00	11	0.00	0.00	0.00	0.00	
0	-300	-2223		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1841	-287		1		0.00	11	0.00	0.00	0.00	0.00	
0	-746	-747		1		0.00	11	0.00	0.00	0.00	0.00	
0	1011	-344		1		0.00	11	0.00	0.00	0.00	0.00	
0	-345	1011		1		0.00	11	0.00	0.00	0.00	0.00	
0	-173	-345		1		0.00	11	0.00	0.00	0.00	0.00	
0	-342	2067		1		0.00	11	0.00	0.00	0.00	0.00	
0	2011	-342		1		0.00	11	0.00	0.00	0.00	0.00	
0	3041	-1944		1		0.00	11	0.00	0.00	0.00	0.00	
0	-856	2057		1		0.00	11	0.00	0.00	0.00	0.00	
0	-336	-243		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2221	-294		1		0.00	11	0.00	0.00	0.00	0.00	
0	-438	-276		1		0.00	11	0.00	0.00	0.00	0.00	
0	-346	2011		1		0.00	11	0.00	0.00	0.00	0.00	
0	-288	-1843		1		0.00	11	0.00	0.00	0.00	0.00	
0	-161	1056		1		0.00	11	0.00	0.00	0.00	0.00	
0	2058	-857		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1936	-301		1		0.00	11	0.00	0.00	0.00	0.00	
0	3008	-1936		1		0.00	11	0.00	0.00	0.00	0.00	
0	-273	-436		1		0.00	11	0.00	0.00	0.00	0.00	
0	-294	-2222		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2222	-300		1		0.00	11	0.00	0.00	0.00	0.00	
0	2152	2151		1		0.00	11	0.00	0.00	0.00	0.00	
0	-496	-497		1		0.00	11	0.00	0.00	0.00	0.00	
0	-337	-302		1		0.00	11	0.00	0.00	0.00	0.00	
0	-287	-1842		1		0.00	11	0.00	0.00	0.00	0.00	
0	1151	1150		1		0.00	11	0.00	0.00	0.00	0.00	
0	2151	-1765		1		0.00	11	0.00	0.00	0.00	0.00	
0	-738	-346		1		0.00	11	0.00	0.00	0.00	0.00	
0	-251	-856		1		0.00	11	0.00	0.00	0.00	0.00	
0	3011	-343		1		0.00	11	0.00	0.00	0.00	0.00	
0	-243	-339		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2086	3033		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1937	3008		1		0.00	11	0.00	0.00	0.00	0.00	
0	1095	-195	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2097	-746		1		0.00	11	0.00	0.00	0.00	0.00	
0	-339	-247		1		0.00	11	0.00	0.00	0.00	0.00	
0	1068	1067		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1938	3034		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1764	2152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-255	-738		1		0.00	11	0.00	0.00	0.00	0.00	
0	-857	-251		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2223	-337		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1943	3011		1		0.00	11	0.00	0.00	0.00	0.00	
0	-306	-1938		1		0.00	11	0.00	0.00	0.00	0.00	
0	-221	-223		1		0.00	11	0.00	0.00	0.00	0.00	
0	2014	-439		1		0.00	11	0.00	0.00	0.00	0.00	
0	1152	1151		1		0.00	11	0.00	0.00	0.00	0.00	
0	2153	-1764		1		0.00	11	0.00	0.00	0.00	0.00	
0	2154	2153		1		0.00	11	0.00	0.00	0.00	0.00	
0	1111	1014	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2113	2014		1		0.00	11	0.00	0.00	0.00	0.00	
0	1096	1095	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1066	-173		1		0.00	11	0.00	0.00	0.00	0.00	
0	1067	1066		1		0.00	11	0.00	0.00	0.00	0.00	
0	-247	2058		1		0.00	11	0.00	0.00	0.00	0.00	
0	-302	-340		1		0.00	11	0.00	0.00	0.00	0.00	
0	-340	-2198		1		0.00	11	0.00	0.00	0.00	0.00	
0	-497	-498		1		0.00	11	0.00	0.00	0.00	0.00	
0	2014	-438		1		0.00	11	0.00	0.00	0.00	0.00	
0	-365	1017		1		0.00	11	0.00	0.00	0.00	0.00	
0	1017	-369		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1842	-288		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2198	-304		1		0.00	11	0.00	0.00	0.00	0.00	
0	-366	2017		1		0.00	11	0.00	0.00	0.00	0.00	
0	1059	-169		1		0.00	11	0.00	0.00	0.00	0.00	
0	-739	-255		1		0.00	11	0.00	0.00	0.00	0.00	
0	-858	-859		1		0.00	11	0.00	0.00	0.00	0.00	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	3034	-1937		1		0.00	11	0.00	0.00	0.00	0.00	
0	-439	2112		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1939	-306		1		0.00	11	0.00	0.00	0.00	0.00	
0	-223	-365		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1763	2154		1		0.00	11	0.00	0.00	0.00	0.00	
0	1098	1097	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2098	2097		1		0.00	11	0.00	0.00	0.00	0.00	
0	2061	-858		1		0.00	11	0.00	0.00	0.00	0.00	
0	-304	-2199		1		0.00	11	0.00	0.00	0.00	0.00	
0	1097	1096	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1113	1112	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-507	2113		1		0.00	11	0.00	0.00	0.00	0.00	
0	1153	1152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1843	-366		1		0.00	11	0.00	0.00	0.00	0.00	
0	-169	1068		1		0.00	11	0.00	0.00	0.00	0.00	
0	2058	2061		1		0.00	11	0.00	0.00	0.00	0.00	
0	2017	-370		1		0.00	11	0.00	0.00	0.00	0.00	
0	-859	2070		1		0.00	11	0.00	0.00	0.00	0.00	
0	3035	-1939		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2199	3035		1		0.00	11	0.00	0.00	0.00	0.00	
0	3028	3045		1		0.00	11	0.00	0.00	0.00	0.00	
0	2099	2098		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1836	-290		1		0.00	11	0.00	0.00	0.00	0.00	
0	-506	2115		1		0.00	11	0.00	0.00	0.00	0.00	
0	-177	1072	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2069	2068		1		0.00	11	0.00	0.00	0.00	0.00	
0	3035	3036		1		0.00	11	0.00	0.00	0.00	0.00	
0	-369	-227		1		0.00	11	0.00	0.00	0.00	0.00	
0	1100	-197	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-309	-1943		1		0.00	11	0.00	0.00	0.00	0.00	
0	1112	1111	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-231	1153		1		0.00	11	0.00	0.00	0.00	0.00	
0	-196	1098	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	3047	3046		1		0.00	11	0.00	0.00	0.00	0.00	
0	3042	-1942		1		0.00	11	0.00	0.00	0.00	0.00	
0	-500	-501		1		0.00	11	0.00	0.00	0.00	0.00	
0	-227	1154		1		0.00	11	0.00	0.00	0.00	0.00	
0	1154	-231		1		0.00	11	0.00	0.00	0.00	0.00	
0	2155	-1763		1		0.00	11	0.00	0.00	0.00	0.00	
0	-370	-1836		1		0.00	11	0.00	0.00	0.00	0.00	
0	-292	-1762		1		0.00	11	0.00	0.00	0.00	0.00	
0	-290	-1837		1		0.00	11	0.00	0.00	0.00	0.00	
0	2070	2069		1		0.00	11	0.00	0.00	0.00	0.00	
0	1114	1113	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-1838	-292		1		0.00	11	0.00	0.00	0.00	0.00	
0	1115	1114	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1099	-196	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1099	-201	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-343	3041		1		0.00	11	0.00	0.00	0.00	0.00	
0	1118	1117	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-498	-499		1		0.00	11	0.00	0.00	0.00	0.00	
0	-499	-500		1		0.00	11	0.00	0.00	0.00	0.00	
0	2068	-739		1		0.00	11	0.00	0.00	0.00	0.00	
0	2114	-507		1		0.00	11	0.00	0.00	0.00	0.00	
0	2115	2114		1		0.00	11	0.00	0.00	0.00	0.00	
0	-201	1103	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-1942	-309		1		0.00	11	0.00	0.00	0.00	0.00	
0	3044	3043		1		0.00	11	0.00	0.00	0.00	0.00	
0	1106	-209	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2100	2099		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1762	2155		1		0.00	11	0.00	0.00	0.00	0.00	
0	-501	-502		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1837	2156		1		0.00	11	0.00	0.00	0.00	0.00	
0	2156	-1838		1		0.00	11	0.00	0.00	0.00	0.00	
0	2117	2116		1		0.00	11	0.00	0.00	0.00	0.00	
0	1013	1099	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1103	1106	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-745	2100		1		0.00	11	0.00	0.00	0.00	0.00	
0	-744	-745		1		0.00	11	0.00	0.00	0.00	0.00	
0	2116	-506		1		0.00	11	0.00	0.00	0.00	0.00	
0	1068	-177	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1072	1086	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2070	-257		1		0.00	11	0.00	0.00	0.00	0.00	
0	3044	3047		1		0.00	11	0.00	0.00	0.00	0.00	



0	2101	-744		1		0.00	11	0.00	0.00	0.00	0.00	
0	1116	1115	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	1117	1116	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-502	-271		1		0.00	11	0.00	0.00	0.00	0.00	
0	-505	2117		1		0.00	11	0.00	0.00	0.00	0.00	
0	-257	2074		1		0.00	11	0.00	0.00	0.00	0.00	
0	3036	-1940		1		0.00	11	0.00	0.00	0.00	0.00	
0	2074	-740		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1941	3044		1		0.00	11	0.00	0.00	0.00	0.00	
0	-209	1119	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-743	2101		1		0.00	11	0.00	0.00	0.00	0.00	
0	2118	-505		1		0.00	11	0.00	0.00	0.00	0.00	
0	2119	2118		1		0.00	11	0.00	0.00	0.00	0.00	
0	-197	1013	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	-190	1100	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	3043	3042		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1940	-1941		1		0.00	11	0.00	0.00	0.00	0.00	
0	2013	-743		1		0.00	11	0.00	0.00	0.00	0.00	
0	2105	2108		1		0.00	11	0.00	0.00	0.00	0.00	
0	-504	2119		1		0.00	11	0.00	0.00	0.00	0.00	
0	1086	-190	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	3045	3044		1		0.00	11	0.00	0.00	0.00	0.00	
0	-271	2105		1		0.00	11	0.00	0.00	0.00	0.00	
0	-742	2013		1		0.00	11	0.00	0.00	0.00	0.00	
0	-740	2088		1		0.00	11	0.00	0.00	0.00	0.00	
0	-267	-742		1		0.00	11	0.00	0.00	0.00	0.00	
0	1119	1118	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
0	2120	-504		1		0.00	11	0.00	0.00	0.00	0.00	
0	2108	-278		1		0.00	11	0.00	0.00	0.00	0.00	
0	2088	-264		1		0.00	11	0.00	0.00	0.00	0.00	
0	-741	-267		1		0.00	11	0.00	0.00	0.00	0.00	
0	-503	2120		1		0.00	11	0.00	0.00	0.00	0.00	
0	-278	2121		1		0.00	11	0.00	0.00	0.00	0.00	
0	-264	2102		1		0.00	11	0.00	0.00	0.00	0.00	
0	2121	-503		1		0.00	11	0.00	0.00	0.00	0.00	
0	2102	-741		1		0.00	11	0.00	0.00	0.00	0.00	
601	14	-1	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	-1	15	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	15	16	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	16	17	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	17	18	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	18	19	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	19	20	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	20	-2	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
601	-2	21	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	22	-3	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-3	-4	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-4	-415	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-415	-5	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-5	-417	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-417	-6	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
602	-6	23	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	24	-7	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-7	-8	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-8	-9	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-9	-10	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-10	25	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	25	-11	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-11	-12	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-12	26	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	26	-13	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-13	-14	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-14	27	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	27	28	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	28	-15	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-15	-397	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-397	29	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	29	-400	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-400	30	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	30	-16	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-16	-17	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
603	-17	31	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
604	33	34	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00
604	34	35	4	30		0.00	11	-12.50	-12.50	0.00	0.00	3.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

604	35	36	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	43	44	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	44	-30	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-30	45	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	45	-31	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-31	-32	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-32	-314	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-314	46	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	46	-313	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-313	-33	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-33	-34	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-34	47	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	47	-35	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
605	-35	-36	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
606	-47	52	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
606	53	-47	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-54	59	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-55	-54	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	60	-55	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	61	60	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-56	61	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	62	-56	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-423	62	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	11	-423	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-422	11	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	-57	-422	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	63	-57	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	64	63	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
607	65	64	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	73	72	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	74	73	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	75	74	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-66	75	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-67	-66	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	76	-67	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	77	76	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-68	77	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-69	-68	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-70	-69	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	78	-70	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-394	78	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	79	-394	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-393	79	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	80	-393	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-71	80	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	-72	-71	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	81	-72	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
608	82	81	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	86	85	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	-78	86	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	87	-78	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	88	87	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	89	88	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	-79	89	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
609	90	-79	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-100	120	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-101	-100	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-102	-101	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	121	-102	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	122	121	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	123	122	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	123	-103	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-103	124	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	124	125	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	125	126	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	126	127	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	127	128	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	128	-361	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-361	129	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	129	-362	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-362	-104	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-104	-105	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-105	-106	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-106	130	430	0.00	11	-12.50	-12.50	0.00	0.00	3.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

611	130	-107	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
611	-107	131	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	136	135	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	-119	136	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	137	-119	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	138	137	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	139	138	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	140	139	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	141	140	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	142	141	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	143	142	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	144	143	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	145	144	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	-358	145	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	-120	-358	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	-357	-120	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	146	-357	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	147	146	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	148	147	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	149	148	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	150	149	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	151	150	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	-121	151	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
612	152	-121	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-19	22	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-388	-19	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-23	-388	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-387	-23	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	39	-387	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-29	39	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	49	-29	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-42	49	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-46	-42	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	57	-46	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	58	57	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	66	58	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	71	66	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	72	71	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-376	72	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-74	-376	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-373	-74	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	98	-373	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	101	98	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	103	101	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	117	103	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-98	117	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	120	-98	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	132	120	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	134	132	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-112	134	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-352	-112	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-115	-352	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-351	-115	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	-118	-351	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
613	135	-118	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	23	24	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	24	-22	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-22	38	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	38	40	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	40	48	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	48	-41	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-41	54	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	54	-50	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-50	-58	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-58	67	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	67	-64	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-64	76	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	76	-73	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-73	97	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	97	-90	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-90	-94	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-94	-381	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-381	-97	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-97	-382	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

614	-382	-99	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-99	123	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	123	133	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	133	-109	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-109	-111	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-111	-114	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-114	-117	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
614	-117	140	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	25	-428	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-428	-20	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-20	-429	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-429	37	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	37	-28	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-28	-37	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-37	50	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	50	-44	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-44	55	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	55	-51	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-51	-59	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-59	68	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	68	-65	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-65	-421	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
615	-421	79	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
616	26	32	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	28	-24	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-24	-26	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-26	42	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	42	-38	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-38	51	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	51	-48	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-48	-407	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-407	-53	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-53	-410	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-410	-60	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-60	-63	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-63	82	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	82	-77	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-77	85	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	85	-84	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-84	100	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	100	-91	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-91	-96	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	-96	118	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
617	118	130	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	87	-85	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-85	-88	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-88	-92	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-92	104	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	104	119	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	119	131	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	131	-108	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-108	-110	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-110	-367	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-367	-113	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-113	-368	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-368	-116	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
618	-116	152	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	31	14	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-412	31	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-21	-412	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-411	-21	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-25	-411	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	41	-25	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	43	41	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-40	43	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-45	-40	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-414	-45	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-49	-414	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-413	-49	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	59	-413	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-62	59	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	70	-62	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	84	70	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
619	-76	84	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

619	90	-76	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
621	8	47	430		0.00	11	-37.50	-37.50	0.00	0.00	3.00
621	52	8	430		0.00	11	-37.50	-37.50	0.00	0.00	3.00
622	21	-401	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
622	-401	-18	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
622	-18	-402	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
622	-402	33	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	36	-27	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-27	-36	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-36	-403	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-403	-39	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-39	-404	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-404	-43	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-43	53	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	53	56	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	56	-52	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
623	-52	65	430		0.00	11	-12.50	-12.50	0.00	0.00	3.00
1001	29	1002	110		180.00	44	0.00	0.00	0.00	0.00	
1001	1002	2002	120		180.00	44	0.00	0.00	0.00	0.00	
1002	-18	1003	1 9		90.00	66	0.00	0.00	0.00	0.00	
1002	1003	2003	1 9		90.00	66	0.00	0.00	0.00	0.00	
1002	2003	3003	111		90.00	66	0.00	0.00	0.00	0.00	
1004	-20	-139	110		270.00	66	0.00	0.00	0.00	0.00	
1004	-139	2037	120		270.00	66	0.00	0.00	0.00	0.00	
1005	-23	1006	110		90.00	44	0.00	0.00	0.00	0.00	
1005	1006	2006	120		90.00	44	0.00	0.00	0.00	0.00	
1006	46	1007	1 9		180.00	44	0.00	0.00	0.00	0.00	
1006	1007	2007	1 9		180.00	44	0.00	0.00	0.00	0.00	
1006	2007	3007	111		180.00	44	0.00	0.00	0.00	0.00	
1007	-5	1001	110		180.00	44	0.00	0.00	0.00	0.00	
1007	1001	2001	120		180.00	44	0.00	0.00	0.00	0.00	
1008	-39	-156	1 9		270.00	44	0.00	0.00	0.00	0.00	
1008	-156	-243	1 9		270.00	44	0.00	0.00	0.00	0.00	
1008	-243	-302	111		270.00	44	0.00	0.00	0.00	0.00	
1009	-49	1009	1 9		270.00	44	0.00	0.00	0.00	0.00	
1009	1009	2009	1 9		270.00	44	0.00	0.00	0.00	0.00	
1009	2009	3009	111		270.00	44	0.00	0.00	0.00	0.00	
1010	-53	1010	110		270.00	66	0.00	0.00	0.00	0.00	
1010	1010	2010	120		270.00	66	0.00	0.00	0.00	0.00	
1011	11	1011	1 9		0.00	99	0.00	0.00	0.00	0.00	
1011	1011	2011	1 9		0.00	99	0.00	0.00	0.00	0.00	
1011	2011	3011	111		0.00	99	0.00	0.00	0.00	0.00	
1012	-74	1012	110		90.00	44	0.00	0.00	0.00	0.00	
1012	1012	2012	120		90.00	44	0.00	0.00	0.00	0.00	
1013	1013	2013	320		0.00	66	0.00	0.00	0.00	0.00	
1014	1014	2014	120		0.00	99	0.00	0.00	0.00	0.00	
1015	-97	1015	110		90.00	66	0.00	0.00	0.00	0.00	
1015	1015	2015	120		90.00	66	0.00	0.00	0.00	0.00	
1016	129	1016	110		180.00	44	0.00	0.00	0.00	0.00	
1016	1016	2016	120		180.00	44	0.00	0.00	0.00	0.00	
1017	-113	1017	110		90.00	66	0.00	0.00	0.00	0.00	
1017	1017	2017	120		90.00	66	0.00	0.00	0.00	0.00	
1018	-115	1018	110		90.00	44	0.00	0.00	0.00	0.00	
1018	1018	2018	120		90.00	44	0.00	0.00	0.00	0.00	
1019	-120	1019	110		180.00	66	0.00	0.00	0.00	0.00	
1019	1019	2019	120		180.00	66	0.00	0.00	0.00	0.00	
1020	79	1082	110		180.00	66	0.00	0.00	0.00	0.00	
1020	1082	2084	120		180.00	66	0.00	0.00	0.00	0.00	

### Elenco tipi elementi bidimensionali

#### Simbologia

Ang. att. =Angolo di attrito  
 Ang. dil. =Angolo di dilatanza  
 Coes. =Coesione  
 Comm. =Commento  
 Crit. =Numero del criterio di progetto  
 DP =Drucker-Prager  
 Kt =Coeff. di sottofondo su suolo elastico alla Winkler  
 Mat. =Numero del materiale  
 Spess. =Spessore  
 Tb =Numero del tipo muro/elemento bidimensionale  
 Tipo =Tipologia  
 F = Membranale e Flessionale





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

M = Membranale  
 W-RC = Winkler resistente solo a compressione  
 W-RTC = Winkler resistente a trazione e a compressione  
 Uso = Utilizzo  
 P = Parete  
 S = Soletta/Platea  
 M = Muratura ordinaria

Tb	Comm.	Tipo	Uso	Spess. <cm>	Kt <daN/cm>	DP	Ang. att. <grad>	Coes. <daN/mq>	Ang. dil. <grad>	Crit.	Mat.
1	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7	22
2	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7	22
3	Muratura in Laterizio Porizzato Sp.25	F	M	25.00		N	0.00	0.00	0.00	8	23
4	Pareti Cantinato	F	P	25.00		N	0.00	0.00	0.00	1	4
5	Solaio Esistente	M	S	4.00		N	0.00	0.00	0.00	1	3

### Elenco elementi bidimensionali

#### Simbologia

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

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cm>	NN
111	411	0.00	0.00		30 -16 -136 1035	
111	411	0.00	0.00		-400 30 1035 -398	
143	411	0.00	0.00		-112 134 1136 -225	
143	411	0.00	0.00		-352 -112 -225 -349	
143	411	0.00	0.00		132 120 1123 1134	
143	411	0.00	0.00		-98 117 1120 -211	
143	411	0.00	0.00		101 98 1102 1105	
170	411	0.00	0.00		-109 -111 -224 -222	
170	411	0.00	0.00		-111 -114 -226 -224	
170	411	0.00	0.00		-382 -99 -212 -377	
170	411	0.00	0.00		133 -109 -222 1135	
191	411	0.00	0.00		-4 -415 -416 -125	
191	411	0.00	0.00		22 -3 -124 1028	
192	411	0.00	0.00		24 -22 1005 1030	
192	411	0.00	0.00		48 -41 -158 -154	
192	411	0.00	0.00		-41 54 1057 -158	
192	411	0.00	0.00		23 24 1030 1029	
192	411	0.00	0.00		-58 67 1070 -174	
192	411	0.00	0.00		40 48 -154 1045	
192	411	0.00	0.00		76 -73 -189 1079	
192	411	0.00	0.00		-64 76 1079 -180	
193	411	0.00	0.00		-394 78 1081 -391	
193	411	0.00	0.00		73 72 1075 1076	
193	411	0.00	0.00		74 73 1076 1077	
193	411	0.00	0.00		-68 77 1080 -184	
193	411	0.00	0.00		77 76 1079 1080	
193	411	0.00	0.00		76 -67 -183 1079	
194	411	0.00	0.00		57 -46 -164 1060	
194	411	0.00	0.00		-376 72 1075 -374	
194	411	0.00	0.00		-46 -42 -159 -164	
194	411	0.00	0.00		58 57 1060 1061	
194	411	0.00	0.00		-42 49 1052 -159	
194	411	0.00	0.00		39 -387 -385 1044	
195	411	0.00	0.00		126 127 1130 1129	
195	411	0.00	0.00		-103 124 1127 -216	
195	411	0.00	0.00		-100 120 1123 -213	
195	411	0.00	0.00		124 125 1128 1127	
195	411	0.00	0.00		128 -361 -359 1131	
195	411	0.00	0.00		123 -103 -216 1126	
196	411	0.00	0.00		-358 145 1147 -353	
196	411	0.00	0.00		139 138 1140 1141	
196	411	0.00	0.00		136 135 1137 1138	
196	411	0.00	0.00		143 142 1144 1145	
196	411	0.00	0.00		141 140 1142 1143	
196	411	0.00	0.00		-119 136 1138 -230	
197	411	0.00	0.00		135 -118 -229 1137	

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cm>	NN
111	411	0.00	0.00		-16 -17 -137 -136	
111	411	0.00	0.00		-17 31 1036 -137	
143	411	0.00	0.00		117 103 1107 1120	
143	411	0.00	0.00		134 132 1134 1136	
143	411	0.00	0.00		120 -98 -211 1123	
143	411	0.00	0.00		103 101 1105 1107	
143	411	0.00	0.00		98 -373 -371 1102	
170	411	0.00	0.00		-99 123 1126 -212	
170	411	0.00	0.00		123 133 1135 1126	
170	411	0.00	0.00		-117 140 1142 -228	
170	411	0.00	0.00		-114 -117 -228 -226	
191	411	0.00	0.00		-3 -4 -125 -124	
192	411	0.00	0.00		-22 38 1043 1005	
192	411	0.00	0.00		-50 -58 -174 -167	
192	411	0.00	0.00		-73 97 1101 -189	
192	411	0.00	0.00		97 -90 -204 1101	
192	411	0.00	0.00		-94 -381 -379 -208	
192	411	0.00	0.00		38 40 1045 1043	
192	411	0.00	0.00		67 -64 -180 1070	
192	411	0.00	0.00		-90 -94 -208 -204	
192	411	0.00	0.00		54 -50 -167 1057	
193	411	0.00	0.00		-70 -69 -185 -186	
193	411	0.00	0.00		75 74 1077 1078	
193	411	0.00	0.00		-69 -68 -184 -185	
193	411	0.00	0.00		-66 75 1078 -182	
193	411	0.00	0.00		-67 -66 -182 -183	
193	411	0.00	0.00		78 -70 -186 1081	
194	411	0.00	0.00		72 71 1074 1075	
194	411	0.00	0.00		-29 39 1044 -145	
194	411	0.00	0.00		66 58 1061 1069	
194	411	0.00	0.00		71 66 1069 1074	
194	411	0.00	0.00		49 -29 -145 1052	
195	411	0.00	0.00		-101 -100 -213 -214	
195	411	0.00	0.00		-102 -101 -214 -215	
195	411	0.00	0.00		123 122 1125 1126	
195	411	0.00	0.00		121 -102 -215 1124	
195	411	0.00	0.00		125 126 1129 1128	
195	411	0.00	0.00		122 121 1124 1125	
195	411	0.00	0.00		127 128 1131 1130	
196	411	0.00	0.00		145 144 1146 1147	
196	411	0.00	0.00		144 143 1145 1146	
196	411	0.00	0.00		140 139 1141 1142	
196	411	0.00	0.00		137 -119 -230 1139	
196	411	0.00	0.00		138 137 1139 1140	
196	411	0.00	0.00		142 141 1143 1144	
197	411	0.00	0.00		-118 -351 -347 -229	

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

198	4	11	0.00	0.00	-10 25 1031 -130
198	4	11	0.00	0.00	26 -13 -133 1032
198	4	11	0.00	0.00	-11 -12 -132 -131
198	4	11	0.00	0.00	-12 26 1032 -132
198	4	11	0.00	0.00	-14 27 1033 -134
198	4	11	0.00	0.00	25 -11 -131 1031
198	4	11	0.00	0.00	-7 -8 -128 -127
199	4	11	0.00	0.00	25 -428 -424 1031
200	4	11	0.00	0.00	68 -65 -181 1071
200	4	11	0.00	0.00	50 -44 -162 1053
200	4	11	0.00	0.00	-429 37 1042 -426
200	4	11	0.00	0.00	-44 55 1058 -162
200	4	11	0.00	0.00	37 -28 -144 1042
242	4	11	0.00	0.00	26 32 1037 1032
243	4	11	0.00	0.00	51 -48 -166 1054
243	4	11	0.00	0.00	42 -38 -155 1047
243	4	11	0.00	0.00	28 -24 -140 1034
244	4	11	0.00	0.00	80 -393 -389 1083
244	4	11	0.00	0.00	-72 -71 -187 -188
244	4	11	0.00	0.00	81 -72 -188 1084
245	4	11	0.00	0.00	-45 -40 -157 -163
245	4	11	0.00	0.00	-414 -45 -163 -323
245	4	11	0.00	0.00	41 -25 -141 1046
245	4	11	0.00	0.00	31 14 1020 1036
245	4	11	0.00	0.00	-21 -412 -329 1004
246	4	11	0.00	0.00	-62 59 1062 -178
246	4	11	0.00	0.00	59 -413 -320 1062
246	4	11	0.00	0.00	70 -62 -178 1073
247	4	11	0.00	0.00	89 88 1092 1093
247	4	11	0.00	0.00	-79 89 1093 -193
247	4	11	0.00	0.00	86 85 1089 1090
248	4	11	0.00	0.00	-60 -63 -179 -176
248	4	11	0.00	0.00	-63 82 1085 -179
248	4	11	0.00	0.00	-91 -96 -210 -205
248	4	11	0.00	0.00	-410 -60 -176 -408
248	4	11	0.00	0.00	100 -91 -205 1104
248	4	11	0.00	0.00	-77 85 1089 1088
249	4	11	0.00	0.00	-105 -106 -219 -218
249	4	11	0.00	0.00	130 -107 -220 1132
249	4	11	0.00	0.00	-104 -105 -218 -217
250	4	11	0.00	0.00	119 131 1133 1122
250	4	11	0.00	0.00	-110 -367 -365 -223
250	4	11	0.00	0.00	-92 104 1108 -206
250	4	11	0.00	0.00	-85 -88 -202 -199
251	4	11	0.00	0.00	147 146 1148 1149
251	4	11	0.00	0.00	151 150 1152 1153
251	4	11	0.00	0.00	150 149 1151 1152
251	4	11	0.00	0.00	149 148 1150 1151
252	4	11	0.00	0.00	-1 15 1021 -122
252	4	11	0.00	0.00	20 -2 -123 1026
252	4	11	0.00	0.00	15 16 1022 1021
252	4	11	0.00	0.00	14 -1 -122 1020
252	4	11	0.00	0.00	16 17 1023 1022
254	1	11	0.00	0.00	1075 1074 2076 2077
255	4	11	0.00	0.00	34 35 1040 1039
255	4	11	0.00	0.00	33 34 1039 1038
257	4	11	0.00	0.00	-36 -403 -338 -152
257	4	11	0.00	0.00	36 -27 -143 1041
258	1	11	0.00	0.00	1060 -164 -250 2062
259	4	11	0.00	0.00	44 -30 -146 1049
259	4	11	0.00	0.00	-30 45 1050 -146
259	4	11	0.00	0.00	43 44 1049 1048
260	1	11	0.00	0.00	1044 -385 -386 2045
261	4	11	0.00	0.00	-34 47 1051 -150
261	4	11	0.00	0.00	-313 -33 -149 -312
262	1	11	0.00	0.00	1085 1084 2086 2087
263	4	11	0.00	0.00	53 -47 -165 1056
264	1	11	0.00	0.00	-181 -419 -420 -261
265	4	11	0.00	0.00	-52 65 1068 -169
265	4	11	0.00	0.00	56 -52 -169 1059
266	4	11	0.00	0.00	65 64 1067 1068
266	4	11	0.00	0.00	-57 -422 -345 -173
267	1	11	0.00	0.00	1080 1079 2081 2082
267	1	11	0.00	0.00	1079 -183 -263 2081
198	4	11	0.00	0.00	-15 -397 -395 -135
198	4	11	0.00	0.00	-9 -10 -130 -129
198	4	11	0.00	0.00	24 -7 -127 1030
198	4	11	0.00	0.00	-13 -14 -134 -133
198	4	11	0.00	0.00	28 -15 -135 1034
198	4	11	0.00	0.00	-8 -9 -129 -128
198	4	11	0.00	0.00	27 28 1034 1033
200	4	11	0.00	0.00	-65 -421 -419 -181
200	4	11	0.00	0.00	-59 68 1071 -175
200	4	11	0.00	0.00	-28 -37 -153 -144
200	4	11	0.00	0.00	55 -51 -168 1058
200	4	11	0.00	0.00	-51 -59 -175 -168
200	4	11	0.00	0.00	-37 50 1053 -153
243	4	11	0.00	0.00	-26 42 1047 -142
243	4	11	0.00	0.00	-24 -26 -142 -140
243	4	11	0.00	0.00	-48 -407 -405 -166
243	4	11	0.00	0.00	-38 51 1054 -155
244	4	11	0.00	0.00	-71 80 1083 -187
244	4	11	0.00	0.00	82 81 1084 1085
245	4	11	0.00	0.00	-40 43 1048 -157
245	4	11	0.00	0.00	-25 -411 -328 -141
245	4	11	0.00	0.00	43 41 1046 1048
245	4	11	0.00	0.00	-411 -21 1004 -328
245	4	11	0.00	0.00	-412 31 1036 -329
246	4	11	0.00	0.00	-76 84 1087 -191
246	4	11	0.00	0.00	84 70 1073 1087
246	4	11	0.00	0.00	90 -76 -191 1094
247	4	11	0.00	0.00	88 87 1091 1092
247	4	11	0.00	0.00	-78 86 1090 -192
247	4	11	0.00	0.00	87 -78 -192 1091
247	4	11	0.00	0.00	90 -79 -193 1094
248	4	11	0.00	0.00	118 130 1132 1121
248	4	11	0.00	0.00	82 -77 1088 1085
248	4	11	0.00	0.00	-96 118 1121 -210
248	4	11	0.00	0.00	85 -84 -198 1089
248	4	11	0.00	0.00	-84 100 1104 -198
249	4	11	0.00	0.00	-106 130 1132 -219
249	4	11	0.00	0.00	-107 131 1133 -220
249	4	11	0.00	0.00	-362 -104 -217 -363
250	4	11	0.00	0.00	104 119 1122 1108
250	4	11	0.00	0.00	-88 -92 -206 -202
250	4	11	0.00	0.00	-108 -110 -223 -221
250	4	11	0.00	0.00	131 -108 -221 1133
250	4	11	0.00	0.00	87 -85 -199 1091
251	4	11	0.00	0.00	146 -357 -355 1148
251	4	11	0.00	0.00	152 -121 -231 1154
251	4	11	0.00	0.00	148 147 1149 1150
251	4	11	0.00	0.00	-121 151 1153 -231
252	4	11	0.00	0.00	-2 21 1027 -123
252	4	11	0.00	0.00	18 19 1025 1024
252	4	11	0.00	0.00	19 20 1026 1025
252	4	11	0.00	0.00	17 18 1024 1023
253	4	11	0.00	0.00	21 -401 -332 1027
254	1	11	0.00	0.00	-374 1075 2077 -375
255	4	11	0.00	0.00	35 36 1041 1040
256	1	11	0.00	0.00	1069 1061 2063 2071
257	4	11	0.00	0.00	-27 -36 -152 -143
258	1	11	0.00	0.00	-159 1052 2054 -246
258	1	11	0.00	0.00	-164 -159 -246 -250
259	4	11	0.00	0.00	45 -31 -147 1050
259	4	11	0.00	0.00	-31 -32 -148 -147
259	4	11	0.00	0.00	-32 -314 -315 -148
261	4	11	0.00	0.00	47 -35 -151 1051
261	4	11	0.00	0.00	-33 -34 -150 -149
261	4	11	0.00	0.00	-35 -36 -152 -151
263	4	11	0.00	0.00	-47 52 1055 -165
264	1	11	0.00	0.00	1071 -181 -261 2073
265	4	11	0.00	0.00	53 56 1059 1056
265	4	11	0.00	0.00	-43 53 1056 -161
265	4	11	0.00	0.00	-404 -43 -161 -341
266	4	11	0.00	0.00	63 -57 -173 1066
266	4	11	0.00	0.00	64 63 1066 1067
267	1	11	0.00	0.00	1078 1077 2079 2080
267	1	11	0.00	0.00	-182 1078 2080 -262



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

267	1	11	0.00	0.00		-183	-182	-262	-263	268	4	11	0.00	0.00		60	-55	-171	1063
268	4	11	0.00	0.00		-423	62	1065	-344	268	4	11	0.00	0.00		61	60	1063	1064
268	4	11	0.00	0.00		-54	59	1062	-170	268	4	11	0.00	0.00		-56	61	1064	-172
268	4	11	0.00	0.00		-55	-54	-170	-171	268	4	11	0.00	0.00		62	-56	-172	1065
269	1	11	0.00	0.00		1070	-180	-260	2072	269	1	11	0.00	0.00		-180	1079	2081	-260
270	1	11	0.00	0.00		1076	1075	2077	2078	271	1	11	0.00	0.00		1005	1043	2044	2005
271	1	11	0.00	0.00		1030	1005	2005	2030	271	1	11	0.00	0.00		1029	1030	2030	2029
272	1	11	0.00	0.00		-154	-158	-245	2053	272	1	11	0.00	0.00		1045	-154	2053	2046
272	1	11	0.00	0.00		-158	1057	2059	-245	273	1	11	0.00	0.00		1031	-424	-425	2031
274	1	11	0.00	0.00		1053	-162	-248	2055	274	1	11	0.00	0.00		-162	1058	2060	-248
275	1	11	0.00	0.00		1083	-389	-390	2085	276	1	11	0.00	0.00		1032	1037	2038	2032
277	4	11	0.00	0.00		-388	-19	-138	-383	277	4	11	0.00	0.00		-19	22	1028	-138
278	1	11	0.00	0.00		-135	-395	-396	-232	278	1	11	0.00	0.00		1034	-135	-232	2034
278	1	11	0.00	0.00		1033	1034	2034	2033	279	4	11	0.00	0.00		-417	-6	-126	-418
279	4	11	0.00	0.00		-6	23	1029	-126	280	1	11	0.00	0.00		1054	-166	-252	2056
280	1	11	0.00	0.00		-166	-405	-406	-252	281	1	11	0.00	0.00		-328	1004	2004	-324
281	1	11	0.00	0.00		-141	-328	-324	-234	281	1	11	0.00	0.00		1004	-329	-326	2004
281	1	11	0.00	0.00		-329	1036	2036	-326	281	1	11	0.00	0.00		1046	-141	-234	2047
281	1	11	0.00	0.00		1036	1020	2020	2036	282	4	11	0.00	0.00		-368	-116	-227	-369
282	4	11	0.00	0.00		-116	152	1154	-227	283	1	11	0.00	0.00		-323	-163	-249	-321
283	1	11	0.00	0.00		-157	1048	2049	-244	283	1	11	0.00	0.00		-163	-157	-244	-249
284	1	11	0.00	0.00		1021	1022	2022	2021	285	1	11	0.00	0.00		1025	1026	2026	2025
286	1	11	0.00	0.00		1023	1024	2024	2023	287	1	11	0.00	0.00		1027	-332	-330	2027
288	1	11	0.00	0.00		1038	1039	2040	2039	289	1	11	0.00	0.00		1040	1041	2042	2041
290	1	11	0.00	0.00		1041	-143	-235	2042	290	1	11	0.00	0.00		-143	-152	-241	-235
290	1	11	0.00	0.00		-152	-338	-336	-241	291	1	11	0.00	0.00		-161	1056	2058	-247
291	1	11	0.00	0.00		-341	-161	-247	-339	291	1	11	0.00	0.00		1056	1059	2061	2058
292	4	11	0.00	0.00		-402	33	1038	-335	293	1	11	0.00	0.00		1056	-165	-251	2058
293	1	11	0.00	0.00		-165	1055	2057	-251	294	1	11	0.00	0.00		1068	1067	2069	2070
295	1	11	0.00	0.00		1066	-173	-255	2068	295	1	11	0.00	0.00		-173	-345	-346	-255
296	1	11	0.00	0.00		1064	1063	2065	2066	297	1	11	0.00	0.00		1073	-178	-258	2075
297	1	11	0.00	0.00		-178	1062	2064	-258	297	1	11	0.00	0.00		1062	-320	-318	2064
298	2	11	0.00	0.00		1048	1049	2050	2049	299	2	11	0.00	0.00		-147	-148	-238	-237
299	2	11	0.00	0.00		-148	-315	-316	-238	299	2	11	0.00	0.00		1050	-147	-237	2051
300	1	11	0.00	0.00		-177	1072	2074	-257	300	1	11	0.00	0.00		1068	-177	-257	2070
301	1	11	0.00	0.00		-190	1100	2102	-264	301	1	11	0.00	0.00		1086	-190	-264	2088
302	1	11	0.00	0.00		-197	1013	2013	-267	302	1	11	0.00	0.00		1100	-197	-267	2102
302	1	11	0.00	0.00		1013	1099	2101	2013	303	1	11	0.00	0.00		1098	1097	2099	2100
304	1	11	0.00	0.00		1096	1095	2097	2098	305	1	11	0.00	0.00		1094	-191	-265	2096
305	1	11	0.00	0.00		-191	1087	2089	-265	306	1	11	0.00	0.00		-193	1093	2095	-266
306	1	11	0.00	0.00		1094	-193	-266	2096	307	1	11	0.00	0.00		1090	1089	2091	2092
308	1	11	0.00	0.00		1088	1089	2091	2090	309	1	11	0.00	0.00		-211	1120	2122	-279
310	3	11	0.00	0.00		1121	1132	2134	2123	311	3	11	0.00	0.00		1131	-359	-360	2133
312	3	11	0.00	0.00		1129	1130	2132	2131	313	3	11	0.00	0.00		1127	1128	2130	2129
314	3	11	0.00	0.00		-223	-365	-366	-288	314	3	11	0.00	0.00		-221	-223	-288	-287
314	3	11	0.00	0.00		1133	-221	-287	2135	314	3	11	0.00	0.00		1122	1133	2135	2124
315	3	11	0.00	0.00		-231	1153	2155	-292	315	3	11	0.00	0.00		1154	-231	-292	2156
316	3	11	0.00	0.00		1152	1151	2153	2154	317	3	11	0.00	0.00		1150	1149	2151	2152
318	3	11	0.00	0.00		1148	-355	-356	2150	319	3	11	0.00	0.00		1146	1145	2147	2148
320	3	11	0.00	0.00		1144	1143	2145	2146	321	3	11	0.00	0.00		1142	1141	2143	2144
322	3	11	0.00	0.00		1140	1139	2141	2142	323	3	11	0.00	0.00		1138	1137	2139	2140
324	3	11	0.00	0.00		-229	-347	-348	-291	324	3	11	0.00	0.00		1137	-229	-291	2139
325	3	11	0.00	0.00		1126	1135	2137	2128	326	3	11	0.00	0.00		1134	1123	2125	2136
327	2	11	0.00	0.00		-149	-150	-240	-239	327	2	11	0.00	0.00		-312	-149	-239	-310
327	2	11	0.00	0.00		-150	1051	2052	-240	328	1	11	0.00	0.00		1107	1105	2107	2109
329	1	11	0.00	0.00		1102	-371	-372	2104	330	1	11	0.00	0.00		-208	-379	-380	-277
330	1	11	0.00	0.00		1101	-204	-274	2103	330	1	11	0.00	0.00		-204	-208	-277	-274
331	1	11	0.00	0.00		1126	1125	2127	2128	332	1	11	0.00	0.00		-213	1123	2125	-281
332	1	11	0.00	0.00		-215	-214	-282	-283	332	1	11	0.00	0.00		1124	-215	-283	2126
332	1	11	0.00	0.00		-214	-213	-281	-282	333	3	11	0.00	0.00		-209	1119	2121	-278
333	3	11	0.00	0.00		1106	-209	-278	2108	334	3	11	0.00	0.00		1119	1118	2120	2121
335	3	11	0.00	0.00		1117	1116	2118	2119	336	3	11	0.00	0.00		1115	1114	2116	2117
337	3	11	0.00	0.00		1113	1112	2114	2115	338	3	11	0.00	0.00		1014	1110	2112	2014
338	3	11	0.00	0.00		1111	1014	2014	2113	339	3	11	0.00	0.00		1014	-207	-276	2014
339	3	11	0.00	0.00		-207	-203	-273	-276	339	3	11	0.00	0.00		-203	-200	-270	-273
340	3	11	0.00	0.00		1109	1108	2110	2111	341	1	11	0.00	0.00		1092	1091	2093	2094
342	1	11	0.00	0.00		-398	1035	2035	-399	343	1	11	0.00	0.00		-383	-138	-233	-384
343	1	11	0.00	0.00		-138	1028	2028	-233	344	1	11	0.00	0.00		-408	-176	-256	-409
344	1	11	0.00	0.00		-176	-179	-259	-256	344	1	11	0.00	0.00		-179	1085	2087	-259
345	1	11	0.00	0.00		-335	1038	2039	-333	346	3	11	0.00	0.00		-206	1108	2110	-275
346	3	11	0.00	0.00		-202	-206	-275	-272	346	3	11	0.00	0.00		-199	-202	-272	-269
347	3	11	0.00	0.00		-227	1154	2156	-290	347	3	11	0.00	0.00		-369	-227	-290	-370
348	3	11	0.00	0.00		-363	-217	-284	-364	348	3	11	0.00	0.00		-218	-219	-286	-285
348	3	11	0.00	0.00		-217	-218	-285	-284	348	3	11	0.00	0.00		-219	1132	2134	-286



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

349	3	11	0.00	0.00		-349	-225	-289	-350	349	3	11	0.00	0.00		-225	1136	2138	-289
350	1	11	0.00	0.00		-391	1081	2083	-392	351	1	11	0.00	0.00		2036	2020	3015	3023
351	1	11	0.00	0.00		-326	2036	3023	-327	351	1	11	0.00	0.00		2047	-234	-293	3029
351	1	11	0.00	0.00		-324	2004	3004	-325	351	1	11	0.00	0.00		-321	-249	-305	-322
351	1	11	0.00	0.00		2004	-326	-327	3004	351	1	11	0.00	0.00		2049	2047	3029	3030
351	1	11	0.00	0.00		-249	-244	-303	-305	351	1	11	0.00	0.00		-244	2049	3030	-303
351	1	11	0.00	0.00		-234	-324	-325	-293	352	1	11	0.00	0.00		2021	2022	3017	3016
352	1	11	0.00	0.00		2022	2023	3018	3017	353	3	11	0.00	0.00		-201	1103	2105	-271
354	1	11	0.00	0.00		2025	2026	3021	3020	354	1	11	0.00	0.00		2024	2025	3020	3019
355	1	11	0.00	0.00		2027	-330	-331	3022	356	3	11	0.00	0.00		-198	1104	2106	-268
357	1	11	0.00	0.00		2039	2040	3025	3024	358	1	11	0.00	0.00		-344	1065	2067	-342
359	1	11	0.00	0.00		2041	2042	3027	3026	360	3	11	0.00	0.00		-353	1147	2149	-354
361	1	11	0.00	0.00		-241	-336	-337	-300	361	1	11	0.00	0.00		2042	-235	-294	3027
361	1	11	0.00	0.00		-235	-241	-300	-294	362	1	11	0.00	0.00		-377	-212	-280	-378
363	1	11	0.00	0.00		-247	2058	3035	-304	363	1	11	0.00	0.00		2058	2061	3036	3035
363	1	11	0.00	0.00		-339	-247	-304	-340	364	1	11	0.00	0.00		2058	-251	-306	3035
364	1	11	0.00	0.00		-251	2057	3034	-306	365	1	11	0.00	0.00		-426	1042	2043	-427
366	1	11	0.00	0.00		2070	2069	3043	3044	366	1	11	0.00	0.00		2068	-255	-309	3042
366	1	11	0.00	0.00		2069	2068	3042	3043	367	1	11	0.00	0.00		2066	2065	3039	3040
367	1	11	0.00	0.00		2065	-254	-308	3039	368	1	11	0.00	0.00		2064	-318	-319	3038
369	2	11	0.00	0.00		2050	-236	-295	3031	369	2	11	0.00	0.00		2049	2050	3031	3030
370	2	11	0.00	0.00		2051	-237	-296	3032	371	2	11	0.00	0.00		-238	-316	-317	-297
372	2	11	0.00	0.00		-240	2052	3033	-299	373	2	11	0.00	0.00		-310	-239	-298	-311
381	1	11	0.00	0.00		-242	2052	3033	-301	381	1	11	0.00	0.00		2008	-242	-301	3008
381	1	11	0.00	0.00		2057	2008	3008	3034	382	1	11	0.00	0.00		-253	2064	3038	-307
415	1	11	0.00	0.00		-333	2039	3024	-334	426	1	11	0.00	0.00		-342	2067	3041	-343
604	5	11	0.00	0.00		-458	-445	-446	-447	604	5	11	0.00	0.00		-456	-457	-458	-447
604	5	11	0.00	0.00		-448	-449	-459	-447	604	5	11	0.00	0.00		-439	-452	-438	2014
604	5	11	0.00	0.00		-452	-451	-276	-438	604	5	11	0.00	0.00		-447	-434	-435	-448
604	5	11	0.00	0.00		-451	-450	-437	-276	604	5	11	0.00	0.00		2111	-441	-443	-455
604	5	11	0.00	0.00		-433	-434	-447	-446	604	5	11	0.00	0.00		-457	-444	-445	-458
604	5	11	0.00	0.00		-456	-447	-459	-460	604	5	11	0.00	0.00		-460	-459	-449	-450
604	5	11	0.00	0.00		2123	-464	-473	-474	604	5	11	0.00	0.00		2105	2108	-520	-519
604	5	11	0.00	0.00		2108	-278	-521	-520	604	5	11	0.00	0.00		-278	2121	-503	-521
604	5	11	0.00	0.00		-273	-437	-450	-449	604	5	11	0.00	0.00		-436	-273	-449	-448
604	5	11	0.00	0.00		-1818	-1775	-1776	-1819	604	5	11	0.00	0.00		2014	-438	2113	
604	5	11	0.00	0.00		-430	-275	-442	-443	604	5	11	0.00	0.00		-435	-270	-436	-448
604	5	11	0.00	0.00		-1822	-1823	-1820	-1784	604	5	11	0.00	0.00		-1821	-1824	-1782	-1783
604	5	11	0.00	0.00		-432	-269	-433	-446	604	5	11	0.00	0.00		2110	-430	-443	-441
604	5	11	0.00	0.00		-1836	-290	-1839	-1760	604	5	11	0.00	0.00		-440	2111	-455	-454
604	5	11	0.00	0.00		-440	-454	-453	2112	604	5	11	0.00	0.00		-439	2112	-453	-452
604	5	11	0.00	0.00		-461	-460	-450	-451	604	5	11	0.00	0.00		-272	-432	-446	-445
604	5	11	0.00	0.00		-431	-272	-445	-444	604	5	11	0.00	0.00		-275	-431	-444	-442
604	5	11	0.00	0.00		-481	-476	-477	-492	604	5	11	0.00	0.00		-492	-491	-480	-481
604	5	11	0.00	0.00		-453	-461	-451	-452	604	5	11	0.00	0.00		-454	-462	-461	-453
604	5	11	0.00	0.00		-462	-456	-460	-461	604	5	11	0.00	0.00		-455	-443	-442	-463
604	5	11	0.00	0.00		-455	-463	-462	-454	604	5	11	0.00	0.00		-463	-442	-444	-457
604	5	11	0.00	0.00		-463	-457	-456	-462	604	5	11	0.00	0.00		-464	-465	-475	-473
604	5	11	0.00	0.00		-465	-466	-476	-475	604	5	11	0.00	0.00		-466	2106	-477	-476
604	5	11	0.00	0.00		2106	-467	-478	-477	604	5	11	0.00	0.00		-467	-268	-468	-478
604	5	11	0.00	0.00		-468	-469	-479	-478	604	5	11	0.00	0.00		-479	-469	-269	-432
604	5	11	0.00	0.00		-432	-272	-480	-479	604	5	11	0.00	0.00		-272	-431	-481	-480
604	5	11	0.00	0.00		-431	-275	-482	-481	604	5	11	0.00	0.00		-275	-430	-483	-482
604	5	11	0.00	0.00		-484	-483	-430	2110	604	5	11	0.00	0.00		2110	-470	-485	-484
604	5	11	0.00	0.00		-470	2124	-486	-485	604	5	11	0.00	0.00		2124	2135	-471	-486
604	5	11	0.00	0.00		-471	-472	-474	-486	604	5	11	0.00	0.00		2134	2123	-474	-472
604	5	11	0.00	0.00		-481	-482	-487	-476	604	5	11	0.00	0.00		-482	-483	-488	-487
604	5	11	0.00	0.00		-487	-488	-475	-476	604	5	11	0.00	0.00		-489	-488	-483	-484
604	5	11	0.00	0.00		-473	-475	-488	-489	604	5	11	0.00	0.00		-473	-489	-490	-474
604	5	11	0.00	0.00		-489	-484	-485	-490	604	5	11	0.00	0.00		-490	-485	-486	-474
604	5	11	0.00	0.00		-491	-492	-493	-494	604	5	11	0.00	0.00		-479	-494	-493	-478
604	5	11	0.00	0.00		-492	-477	-478	-493	604	5	11	0.00	0.00		-480	-491	-494	-479
604	5	11	0.00	0.00		-1749	-1750	-1771	-1770	604	5	11	0.00	0.00		-1750	-1751	-1772	-1771
604	5	11	0.00	0.00		-438	-276	-508	-509	604	5	11	0.00	0.00		-276	-437	-510	-508
604	5	11	0.00	0.00		-437	-273	-511	-510	604	5	11	0.00	0.00		-273	-436	-512	-511
604	5	11	0.00	0.00		-436	-270	-495	-512	604	5	11	0.00	0.00		-495	-496	-513	-512
604	5	11	0.00	0.00		-496	-497	-514	-513	604	5	11	0.00	0.00		-514	-497	-498	-515
604	5	11	0.00	0.00		-498	-499	-516	-515	604	5	11	0.00	0.00		-499	-500	-517	-516
604	5	11	0.00	0.00		-517	-500	-501	-518	604	5	11	0.00	0.00		-518	-501	-502	-519
604	5	11	0.00	0.00		-519	-502	-271	2105	604	5	11	0.00	0.00		-1759	-1760	-1784	-1783
604	5	11	0.00	0.00		-1760	-1761	-1785	-1784	604	5	11	0.00	0.00		-1761	-292	-1762	-1785
604	5	11	0.00	0.00		-503	2120	-522	-521	604	5	11	0.00	0.00		2120	-504	-523	-522
604	5	11	0.00	0.00		-504	2119	-524	-523	604	5	11	0.00	0.00		2119	2118	-525	-524
604	5	11	0.00	0.00		-505	-526	-525	2118	604	5	11	0.00	0.00		-505	2117	-527	-526



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

604	5	11	0.00	0.00		2117	2116	-528	-527	604	5	11	0.00	0.00		2116	-506	-529	-528
604	5	11	0.00	0.00		-506	2115	-530	-529	604	5	11	0.00	0.00		2115	2114	-531	-530
604	5	11	0.00	0.00		2114	-507	-532	-531	604	5	11	0.00	0.00		-507	2113	-533	-532
604	5	11	0.00	0.00		2113	-438	-509	-533	604	5	11	0.00	0.00		-534	-535	-536	-537
604	5	11	0.00	0.00		-538	-535	-534	-539	604	5	11	0.00	0.00		-538	-539	-525	-526
604	5	11	0.00	0.00		-528	-540	-541	-527	604	5	11	0.00	0.00		-527	-541	-538	-526
604	5	11	0.00	0.00		-536	-535	-542	-543	604	5	11	0.00	0.00		-541	-542	-535	-538
604	5	11	0.00	0.00		-540	-543	-542	-541	604	5	11	0.00	0.00		-529	-544	-540	-528
604	5	11	0.00	0.00		-545	-544	-529	-530	604	5	11	0.00	0.00		-531	-546	-545	-530
604	5	11	0.00	0.00		-547	-548	-549	-550	604	5	11	0.00	0.00		-547	-550	-545	-546
604	5	11	0.00	0.00		-544	-551	-543	-540	604	5	11	0.00	0.00		-544	-545	-550	-551
604	5	11	0.00	0.00		-551	-550	-549	-543	604	5	11	0.00	0.00		-547	-546	-552	-553
604	5	11	0.00	0.00		-546	-531	-532	-552	604	5	11	0.00	0.00		-552	-532	-533	-553
604	5	11	0.00	0.00		-533	-509	-508	-553	604	5	11	0.00	0.00		-508	-510	-554	-553
604	5	11	0.00	0.00		-553	-554	-548	-547	604	5	11	0.00	0.00		-548	-554	-555	-513
604	5	11	0.00	0.00		-554	-510	-511	-555	604	5	11	0.00	0.00		-555	-511	-512	-513
604	5	11	0.00	0.00		-513	-514	-549	-548	604	5	11	0.00	0.00		-515	-516	-536	-543
604	5	11	0.00	0.00		-515	-543	-549	-514	604	5	11	0.00	0.00		-516	-517	-537	-536
604	5	11	0.00	0.00		-521	-522	-556	-520	604	5	11	0.00	0.00		-522	-523	-557	-556
604	5	11	0.00	0.00		-556	-557	-558	-520	604	5	11	0.00	0.00		-523	-524	-559	-557
604	5	11	0.00	0.00		-525	-539	-559	-524	604	5	11	0.00	0.00		-559	-539	-534	-557
604	5	11	0.00	0.00		-534	-537	-558	-557	604	5	11	0.00	0.00		-537	-517	-518	-558
604	5	11	0.00	0.00		-558	-518	-519	-520	604	5	11	0.00	0.00		-1827	-1830	-1825	-1824
604	5	11	0.00	0.00		-1830	-1778	-1779	-1825	604	5	11	0.00	0.00		-1831	-1777	-1778	-1830
604	5	11	0.00	0.00		-1819	-1776	-1777	-1831	604	5	11	0.00	0.00		-1832	-1831	-1830	-1827
604	5	11	0.00	0.00		-1817	-1819	-1831	-1832	604	5	11	0.00	0.00		-1833	-1832	-1827	-1826
604	5	11	0.00	0.00		-1815	-1817	-1832	-1833	604	5	11	0.00	0.00		-1834	-1833	-1826	-1828
604	5	11	0.00	0.00		-1813	-1815	-1833	-1834	604	5	11	0.00	0.00		-1835	-1834	-1828	-1829
604	5	11	0.00	0.00		-1811	-1813	-1834	-1835	604	5	11	0.00	0.00		-1835	-1829	-1788	-1789
604	5	11	0.00	0.00		-1790	-1811	-1835	-1789	604	5	11	0.00	0.00		2134	-472	-1780	-1779
604	5	11	0.00	0.00		-1840	-1839	-290	-1837	604	5	11	0.00	0.00		-1761	-1760	-1839	-1840
604	5	11	0.00	0.00		-1838	-1840	-1837	2156	604	5	11	0.00	0.00		-292	-1761	-1840	-1838
604	5	11	0.00	0.00		-1760	-1759	-370	-1836	604	5	11	0.00	0.00		-1759	-366	-370	
604	5	11	0.00	0.00		-1841	-287	-1844	-1756	604	5	11	0.00	0.00		-1845	-1844	-287	-1842
604	5	11	0.00	0.00		-1757	-1756	-1844	-1845	604	5	11	0.00	0.00		-1756	-471	2135	-1841
604	5	11	0.00	0.00		-1846	-1845	-1842	-288	604	5	11	0.00	0.00		-1758	-1757	-1845	-1846
604	5	11	0.00	0.00		-1759	-1758	-1846	-1847	604	5	11	0.00	0.00		-1847	-1846	-288	-1843
604	5	11	0.00	0.00		-1847	-1843	-366	-1759	604	5	11	0.00	0.00		-1765	2150	-1794	-1793
604	5	11	0.00	0.00		2150	-1766	-1768	-1794	604	5	11	0.00	0.00		-356	-1746	-1768	-1766
604	5	11	0.00	0.00		-1797	-1798	-1795	-1796	604	5	11	0.00	0.00		-1795	-1798	-1799	-1800
604	5	11	0.00	0.00		-1802	-1797	-1796	-1801	604	5	11	0.00	0.00		-1799	-1803	-1804	-1800
604	5	11	0.00	0.00		-1801	-1792	-1793	-1802	604	5	11	0.00	0.00		-1803	-1773	-1774	-1804
604	5	11	0.00	0.00		-1794	-1768	-1767	-1805	604	5	11	0.00	0.00		-1794	-1805	-1802	-1793
604	5	11	0.00	0.00		-1806	-1770	-1771	-1807	604	5	11	0.00	0.00		-1806	-1807	-1799	-1798
604	5	11	0.00	0.00		-1773	-1803	-1808	-1772	604	5	11	0.00	0.00		-1807	-1808	-1803	-1799
604	5	11	0.00	0.00		-1808	-1807	-1771	-1772	604	5	11	0.00	0.00		-1767	-1769	-1809	-1805
604	5	11	0.00	0.00		-1805	-1809	-1797	-1802	604	5	11	0.00	0.00		-1769	-1770	-1806	-1809
604	5	11	0.00	0.00		-1809	-1806	-1798	-1797	604	5	11	0.00	0.00		-1792	-1801	-1810	-1791
604	5	11	0.00	0.00		-1791	-1810	-1811	-1790	604	5	11	0.00	0.00		-1801	-1796	-1812	-1810
604	5	11	0.00	0.00		-1810	-1812	-1813	-1811	604	5	11	0.00	0.00		-1796	-1795	-1814	-1812
604	5	11	0.00	0.00		-1812	-1814	-1815	-1813	604	5	11	0.00	0.00		-1814	-1795	-1800	-1816
604	5	11	0.00	0.00		-1814	-1816	-1817	-1815	604	5	11	0.00	0.00		-1816	-1800	-1804	-1818
604	5	11	0.00	0.00		-1816	-1818	-1819	-1817	604	5	11	0.00	0.00		-1818	-1804	-1774	-1775
604	5	11	0.00	0.00		2154	-1788	-1787	-1763	604	5	11	0.00	0.00		-1820	-1821	-1783	-1784
604	5	11	0.00	0.00		-1785	-1786	-1822	-1784	604	5	11	0.00	0.00		-1786	-1787	-1823	-1822
604	5	11	0.00	0.00		2152	2151	-1792	-1791	604	5	11	0.00	0.00		2151	-1765	-1793	-1792
604	5	11	0.00	0.00		-1824	-1825	-1781	-1782	604	5	11	0.00	0.00		-1825	-1779	-1780	-1781
604	5	11	0.00	0.00		-1826	-1827	-1824	-1821	604	5	11	0.00	0.00		-1828	-1826	-1821	-1820
604	5	11	0.00	0.00		-1829	-1828	-1820	-1823	604	5	11	0.00	0.00		-1788	-1829	-1823	-1787
604	5	11	0.00	0.00		-1783	-1782	-1758	-1759	604	5	11	0.00	0.00		-1746	-1747	-1767	-1768
604	5	11	0.00	0.00		-1747	-1748	-1769	-1767	604	5	11	0.00	0.00		-1748	-1749	-1770	-1769
604	5	11	0.00	0.00		-1762	2155	-1786	-1785	604	5	11	0.00	0.00		2155	-1763	-1787	-1786
604	5	11	0.00	0.00		-1751	-364	-1752	-1772	604	5	11	0.00	0.00		-1752	-284	-1773	-1772
604	5	11	0.00	0.00		-284	-1753	-1774	-1773	604	5	11	0.00	0.00		-1753	-285	-1775	-1774
604	5	11	0.00	0.00		-285	-1754	-1776	-1775	604	5	11	0.00	0.00		-1754	-286	-1777	-1776
604	5	11	0.00	0.00		-1777	-286	-1755	-1778	604	5	11	0.00	0.00		-1755	2134	-1779	-1778
604	5	11	0.00	0.00		2152	-1791	-1790	-1764	604	5	11	0.00	0.00		-1780	-472	-471	-1756
604	5	11	0.00	0.00		-1781	-1780	-1756	-1757	604	5	11	0.00	0.00		-1782	-1781	-1757	-1758
604	5	11	0.00	0.00		2153	-1764	-1790	-1789	604	5	11	0.00	0.00		2154	2153	-1789	-1788
605	5	11	0.00	0.00		-1855	-1647	-1917	-1916	605	5	11	0.00	0.00		-1856	-1855	-1916	-1915
605	5	11	0.00	0.00		-1670	-1671	-1696	-1700	605	5	11	0.00	0.00		-1862	-1864	-1902	-1901
605	5	11	0.00	0.00		-1735	-1733	-1738	-1737	605	5	11	0.00	0.00		-1848	-289	-1862	-1863
605	5	11	0.00	0.00		-1863	-1862	-1901	-1883	605	5	11	0.00	0.00		-1656	-360	-364	-1740
605	5	11	0.00	0.00		-1731	-1739	-1711	-1714	605	5	11	0.00	0.00		-1738	-1733	-1723	-1718

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

605	5	11	0.00	0.00		-1713	-1712	-1715	-1716	605	5	11	0.00	0.00		-1714	-1713	-1716	-1685
605	5	11	0.00	0.00		-1715	-1684	-1685	-1716	605	5	11	0.00	0.00		-1686	-1687	-1688	-1717
605	5	11	0.00	0.00		-1686	-1717	-1714	-1685	605	5	11	0.00	0.00		-1718	-1719	-1720	-1711
605	5	11	0.00	0.00		-1719	-1721	-1722	-1720	605	5	11	0.00	0.00		-1720	-1722	-1712	-1711
605	5	11	0.00	0.00		-1719	-1718	-1723	-1724	605	5	11	0.00	0.00		-1719	-1724	-1725	-1721
605	5	11	0.00	0.00		-1683	-1726	-1727	-1682	605	5	11	0.00	0.00		-1726	-1722	-1721	-1727
605	5	11	0.00	0.00		-1727	-1721	-1725	-1682	605	5	11	0.00	0.00		-1726	-1683	-1684	-1715
605	5	11	0.00	0.00		-1726	-1715	-1712	-1722	605	5	11	0.00	0.00		-1724	-1679	-1680	-1725
605	5	11	0.00	0.00		-1725	-1680	-1681	-1682	605	5	11	0.00	0.00		-1724	-1723	-1678	-1679
605	5	11	0.00	0.00		-1688	-1689	-1728	-1717	605	5	11	0.00	0.00		-1689	-1690	-1729	-1728
605	5	11	0.00	0.00		-1728	-1729	-1730	-1717	605	5	11	0.00	0.00		-1730	-1731	-1714	-1717
605	5	11	0.00	0.00		-1730	-1729	-1732	-1709	605	5	11	0.00	0.00		-1729	-1690	-1691	-1732
605	5	11	0.00	0.00		-1732	-1691	-1692	-1709	605	5	11	0.00	0.00		-1709	-1707	-1731	-1730
605	5	11	0.00	0.00		-1723	-1733	-1734	-1678	605	5	11	0.00	0.00		-1733	-1735	-1736	-1734
605	5	11	0.00	0.00		-1678	-1734	-1736	-1677	605	5	11	0.00	0.00		-1735	-1703	-1677	-1736
605	5	11	0.00	0.00		-1703	-1735	-1737	-1706	605	5	11	0.00	0.00		-1653	2131	-1677	-1676
605	5	11	0.00	0.00		-1737	-1738	-1739	-1706	605	5	11	0.00	0.00		-1707	-1706	-1739	-1731
605	5	11	0.00	0.00		-1739	-1738	-1718	-1711	605	5	11	0.00	0.00		2133	-1655	-1681	-1680
605	5	11	0.00	0.00		-1655	-360	-1656	-1681	605	5	11	0.00	0.00		-354	-1661	-1745	-356
605	5	11	0.00	0.00		-1661	-1660	-1744	-1745	605	5	11	0.00	0.00		-1660	-1659	-1743	-1744
605	5	11	0.00	0.00		-1659	-1658	-1742	-1743	605	5	11	0.00	0.00		-1658	-1657	-1741	-1742
605	5	11	0.00	0.00		-1657	-1656	-1740	-1741	605	5	11	0.00	0.00		2149	-1663	-1688	-1687
605	5	11	0.00	0.00		-1663	2148	-1689	-1688	605	5	11	0.00	0.00		-1664	-1690	-1689	2148
605	5	11	0.00	0.00		2147	-1691	-1690	-1664	605	5	11	0.00	0.00		2147	-1665	-1692	-1691
605	5	11	0.00	0.00		-1665	2146	-1693	-1692	605	5	11	0.00	0.00		2146	2145	-1694	-1693
605	5	11	0.00	0.00		2145	-1666	-1668	-1694	605	5	11	0.00	0.00		2144	-1646	-1668	-1666
605	5	11	0.00	0.00		-1672	-1673	-1674	-1695	605	5	11	0.00	0.00		-1671	-1672	-1695	-1696
605	5	11	0.00	0.00		-1695	-1674	-1675	-1697	605	5	11	0.00	0.00		-1696	-1695	-1697	-1698
605	5	11	0.00	0.00		-1696	-1698	-1699	-1700	605	5	11	0.00	0.00		-1904	-348	-1861	-1910
605	5	11	0.00	0.00		-1702	-1700	-1699	-1701	605	5	11	0.00	0.00		-1669	-1670	-1700	-1702
605	5	11	0.00	0.00		-1676	-1677	-1703	-1704	605	5	11	0.00	0.00		-1676	-1704	-1697	-1675
605	5	11	0.00	0.00		-1699	-1698	-1705	-1706	605	5	11	0.00	0.00		-1698	-1697	-1704	-1705
605	5	11	0.00	0.00		-1705	-1704	-1703	-1706	605	5	11	0.00	0.00		-1701	-1699	-1706	-1707
605	5	11	0.00	0.00		-1693	-1708	-1709	-1692	605	5	11	0.00	0.00		-1710	-1708	-1693	-1694
605	5	11	0.00	0.00		-1710	-1694	-1668	-1667	605	5	11	0.00	0.00		-1702	-1701	-1708	-1710
605	5	11	0.00	0.00		-1667	-1669	-1702	-1710	605	5	11	0.00	0.00		-1701	-1707	-1709	-1708
605	5	11	0.00	0.00		-1711	-1712	-1713	-1714	605	5	11	0.00	0.00		-289	-1849	-1864	-1862
605	5	11	0.00	0.00		-1849	2138	-1865	-1864	605	5	11	0.00	0.00		2138	-1850	-1866	-1865
605	5	11	0.00	0.00		-1850	2136	-1867	-1866	605	5	11	0.00	0.00		2136	2125	-1851	-1867
605	5	11	0.00	0.00		-1867	-1851	-281	-1868	605	5	11	0.00	0.00		-1868	-281	-1852	-1869
605	5	11	0.00	0.00		-1869	-1852	-282	-1870	605	5	11	0.00	0.00		-1870	-282	-1853	-1871
605	5	11	0.00	0.00		-1871	-1853	-283	-1872	605	5	11	0.00	0.00		-283	-1854	-1873	-1872
605	5	11	0.00	0.00		-1854	2126	-1874	-1873	605	5	11	0.00	0.00		2126	2127	-1875	-1874
605	5	11	0.00	0.00		2127	2128	2137	-1875	605	5	11	0.00	0.00		2137	-1651	-1876	-1875
605	5	11	0.00	0.00		-1877	-1876	-1651	-1650	605	5	11	0.00	0.00		-1878	-1877	-1650	-1649
605	5	11	0.00	0.00		-1855	-1878	-1649	-1648	605	5	11	0.00	0.00		-1855	-1856	-1879	-1878
605	5	11	0.00	0.00		-1856	-1857	-1880	-1879	605	5	11	0.00	0.00		-1857	-1858	-1881	-1880
605	5	11	0.00	0.00		-1858	-1859	-1882	-1881	605	5	11	0.00	0.00		-1859	-1860	-1883	-1882
605	5	11	0.00	0.00		-1860	-1861	-1863	-1883	605	5	11	0.00	0.00		-350	-1848	-1863	-1861
605	5	11	0.00	0.00		-1884	-1873	-1874	-1885	605	5	11	0.00	0.00		-1884	-1885	-1886	-1887
605	5	11	0.00	0.00		-1885	-1874	-1875	-1876	605	5	11	0.00	0.00		-1886	-1885	-1876	-1877
605	5	11	0.00	0.00		-1879	-1886	-1877	-1878	605	5	11	0.00	0.00		-1886	-1879	-1880	-1887
605	5	11	0.00	0.00		-1888	-1887	-1880	-1881	605	5	11	0.00	0.00		-1889	-1872	-1873	-1884
605	5	11	0.00	0.00		-1872	-1889	-1890	-1871	605	5	11	0.00	0.00		-1888	-1891	-1892	-1887
605	5	11	0.00	0.00		-1891	-1890	-1889	-1892	605	5	11	0.00	0.00		-1892	-1889	-1884	-1887
605	5	11	0.00	0.00		-1893	-1870	-1871	-1890	605	5	11	0.00	0.00		-1893	-1890	-1891	-1894
605	5	11	0.00	0.00		-1895	-1894	-1891	-1888	605	5	11	0.00	0.00		-1882	-1895	-1888	-1881
605	5	11	0.00	0.00		-1866	-1867	-1868	-1896	605	5	11	0.00	0.00		-1865	-1866	-1896	-1897
605	5	11	0.00	0.00		-1896	-1868	-1869	-1898	605	5	11	0.00	0.00		-1897	-1896	-1898	-1899
605	5	11	0.00	0.00		-1898	-1869	-1870	-1893	605	5	11	0.00	0.00		-1899	-1898	-1893	-1894
605	5	11	0.00	0.00		-1883	-1900	-1895	-1882	605	5	11	0.00	0.00		-1908	-1926	-1923	-1909
605	5	11	0.00	0.00		-348	-350	-1861		605	5	11	0.00	0.00		-1901	-1902	-1900	-1883
605	5	11	0.00	0.00		-1900	-1899	-1894	-1895	605	5	11	0.00	0.00		-1897	-1899	-1900	-1902
605	5	11	0.00	0.00		-1864	-1865	-1897	-1902	605	5	11	0.00	0.00		-1855	-1648	-1647	
605	5	11	0.00	0.00		-1903	-291	-1908	-1909	605	5	11	0.00	0.00		-291	-1904	-1910	-1908
605	5	11	0.00	0.00		-1922	-1924	-1925	-1921	605	5	11	0.00	0.00		-1910	-1861	-1860	-1911
605	5	11	0.00	0.00		-1860	-1859	-1912	-1911	605	5	11	0.00	0.00		-1912	-1859	-1858	-1913
605	5	11	0.00	0.00		-1858	-1857	-1914	-1913	605	5	11	0.00	0.00		-1857	-1856	-1915	-1914
605	5	11	0.00	0.00		-1651	2137	-1673	-1672	605	5	11	0.00	0.00		2137	2128	-1652	-1673
605	5	11	0.00	0.00		-1647	-1646	-1918	-1917	605	5	11	0.00	0.00		-1646	2144	2143	-1918
605	5	11	0.00	0.00		-1905	-1919	-1918	2143	605	5	11	0.00	0.00		2142	-1920	-1919	-1905
605	5	11	0.00	0.00		2142	2141	-1921	-1920	605	5	11	0.00	0.00		2141	-1906	-1922	-1921
605	5	11	0.00	0.00		-1906	-1907	-1923	-1922	605	5	11	0.00	0.00		-1907	2140	-1909	-1923
605	5	11	0.00	0.00		2139	-1903	-1909	2140	605	5	11	0.00	0.00		-1921	-1914	-1915	-1920



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

605	5	11	0.00	0.00		-1657	-1658	-1683	-1682	605	5	11	0.00	0.00		-1924	-1912	-1913	-1925
605	5	11	0.00	0.00		-1925	-1913	-1914	-1921	605	5	11	0.00	0.00		-1924	-1922	-1923	-1926
605	5	11	0.00	0.00		-1924	-1926	-1911	-1912	605	5	11	0.00	0.00		-1916	-1917	-1927	-1915
605	5	11	0.00	0.00		-1917	-1918	-1919	-1927	605	5	11	0.00	0.00		-1927	-1919	-1920	-1915
605	5	11	0.00	0.00		-1908	-1910	-1911	-1926	605	5	11	0.00	0.00		2129	2130	-1675	-1674
605	5	11	0.00	0.00		2130	-1653	-1676	-1675	605	5	11	0.00	0.00		-1647	-1648	-1669	-1667
605	5	11	0.00	0.00		2131	2132	-1678	-1677	605	5	11	0.00	0.00		2132	-1654	-1679	-1678
605	5	11	0.00	0.00		-1654	2133	-1680	-1679	605	5	11	0.00	0.00		-1646	-1647	-1667	-1668
605	5	11	0.00	0.00		-1659	-1660	-1685	-1684	605	5	11	0.00	0.00		-1656	-1657	-1682	-1681
605	5	11	0.00	0.00		-1649	-1650	-1671	-1670	605	5	11	0.00	0.00		-1650	-1651	-1672	-1671
605	5	11	0.00	0.00		-1658	-1659	-1684	-1683	605	5	11	0.00	0.00		-1648	-1649	-1670	-1669
605	5	11	0.00	0.00		-1652	2129	-1674	-1673	605	5	11	0.00	0.00		-1661	-354	-1662	-1686
605	5	11	0.00	0.00		-1662	2149	-1687	-1686	605	5	11	0.00	0.00		-1686	-1685	-1660	-1661
606	5	11	0.00	0.00		2084	-420	-390		606	5	11	0.00	0.00		-825	-826	-827	-824
606	5	11	0.00	0.00		-824	-827	-828	-829	606	5	11	0.00	0.00		-776	-823	-819	-775
606	5	11	0.00	0.00		2076	-1372	-1392	-1393	606	5	11	0.00	0.00		2047	-575	-993	-994
606	5	11	0.00	0.00		2090	-560	-582	-583	606	5	11	0.00	0.00		-1515	2028	-1516	
606	5	11	0.00	0.00		-260	2072	-1250	-1251	606	5	11	0.00	0.00		-824	-829	-803	-811
606	5	11	0.00	0.00		-826	-784	-785	-830	606	5	11	0.00	0.00		-318	2009	-860	-861
606	5	11	0.00	0.00		-265	2089	-749	-750	606	5	11	0.00	0.00		-782	-824	-811	-781
606	5	11	0.00	0.00		-782	-783	-825	-824	606	5	11	0.00	0.00		-784	-826	-825	-783
606	5	11	0.00	0.00		-842	-828	-792	-791	606	5	11	0.00	0.00		-829	-845	-804	-803
606	5	11	0.00	0.00		-756	-757	-846	-847	606	5	11	0.00	0.00		-756	-847	-788	-755
606	5	11	0.00	0.00		-788	-847	-790	-789	606	5	11	0.00	0.00		-847	-846	-791	-790
606	5	11	0.00	0.00		-764	-765	-794	-797	606	5	11	0.00	0.00		-795	-763	-764	-797
606	5	11	0.00	0.00		2009	-321	-862	-860	606	5	11	0.00	0.00		-321	-249	-863	-862
606	5	11	0.00	0.00		-249	-577	-864	-863	606	5	11	0.00	0.00		-577	-244	-865	-864
606	5	11	0.00	0.00		-244	-576	-866	-865	606	5	11	0.00	0.00		-576	2049	-848	-866
606	5	11	0.00	0.00		-848	2050	-867	-866	606	5	11	0.00	0.00		2050	-236	-868	-867
606	5	11	0.00	0.00		-236	2051	-869	-868	606	5	11	0.00	0.00		2051	-237	-870	-869
606	5	11	0.00	0.00		-237	-238	-871	-870	606	5	11	0.00	0.00		-238	-849	-872	-871
606	5	11	0.00	0.00		-849	-316	-873	-872	606	5	11	0.00	0.00		-316	2007	-874	-873
606	5	11	0.00	0.00		2007	-310	-875	-874	606	5	11	0.00	0.00		-310	-850	-876	-875
606	5	11	0.00	0.00		-876	-850	-239	-877	606	5	11	0.00	0.00		-877	-239	-851	-878
606	5	11	0.00	0.00		-851	-240	-879	-878	606	5	11	0.00	0.00		-240	-852	-880	-879
606	5	11	0.00	0.00		-852	2052	-853	-880	606	5	11	0.00	0.00		-853	-242	-881	-880
606	5	11	0.00	0.00		-882	-881	-242	-854	606	5	11	0.00	0.00		-854	2008	-883	-882
606	5	11	0.00	0.00		-884	-883	2008	-855	606	5	11	0.00	0.00		-885	-884	-855	2057
606	5	11	0.00	0.00		2057	-886	-887	-885	606	5	11	0.00	0.00		2057	-856	-888	-886
606	5	11	0.00	0.00		-856	-251	-889	-888	606	5	11	0.00	0.00		-251	-857	-890	-889
606	5	11	0.00	0.00		-857	2058	2061	-890	606	5	11	0.00	0.00		2061	-858	-891	-890
606	5	11	0.00	0.00		-892	-891	-858	-859	606	5	11	0.00	0.00		2069	-892	-859	2070
606	5	11	0.00	0.00		2069	2068	-893	-892	606	5	11	0.00	0.00		-739	-894	-893	2068
606	5	11	0.00	0.00		-255	-895	-894	-739	606	5	11	0.00	0.00		-255	-738	-896	-895
606	5	11	0.00	0.00		-738	-346	-897	-896	606	5	11	0.00	0.00		-346	2011	-898	-897
606	5	11	0.00	0.00		2011	-342	-899	-898	606	5	11	0.00	0.00		2067	-900	-899	-342
606	5	11	0.00	0.00		-737	-901	-900	2067	606	5	11	0.00	0.00		-737	2066	-902	-901
606	5	11	0.00	0.00		2066	2065	-903	-902	606	5	11	0.00	0.00		2065	-736	-904	-903
606	5	11	0.00	0.00		-254	-905	-904	-736	606	5	11	0.00	0.00		-735	-906	-905	-254
606	5	11	0.00	0.00		-253	-907	-906	-735	606	5	11	0.00	0.00		-734	-861	-907	-253
606	5	11	0.00	0.00		2064	-318	-861	-734	606	5	11	0.00	0.00		-887	-908	-909	-885
606	5	11	0.00	0.00		-887	-910	-911	-908	606	5	11	0.00	0.00		-910	-912	-913	-911
606	5	11	0.00	0.00		-911	-913	-914	-908	606	5	11	0.00	0.00		-912	-910	-915	-916
606	5	11	0.00	0.00		-910	-887	-886	-915	606	5	11	0.00	0.00		-915	-886	-888	-916
606	5	11	0.00	0.00		-917	-916	-888	-889	606	5	11	0.00	0.00		-917	-889	-890	-891
606	5	11	0.00	0.00		-896	-913	-912	-895	606	5	11	0.00	0.00		-896	-897	-898	-918
606	5	11	0.00	0.00		-896	-918	-914	-913	606	5	11	0.00	0.00		-893	-894	-916	-917
606	5	11	0.00	0.00		-893	-917	-891	-892	606	5	11	0.00	0.00		-894	-895	-912	-916
606	5	11	0.00	0.00		-899	-919	-920	-921	606	5	11	0.00	0.00		-920	-914	-918	-921
606	5	11	0.00	0.00		-921	-918	-898	-899	606	5	11	0.00	0.00		-899	-900	-922	-919
606	5	11	0.00	0.00		-909	-908	-923	-924	606	5	11	0.00	0.00		-908	-914	-920	-923
606	5	11	0.00	0.00		-923	-920	-919	-924	606	5	11	0.00	0.00		-919	-922	-925	-924
606	5	11	0.00	0.00		-925	-927	-926	-924	606	5	11	0.00	0.00		-926	-928	-929	-924
606	5	11	0.00	0.00		-928	-930	-931	-929	606	5	11	0.00	0.00		-929	-931	-909	-924
606	5	11	0.00	0.00		-931	-930	-883	-884	606	5	11	0.00	0.00		-931	-884	-885	-909
606	5	11	0.00	0.00		-932	-922	-900	-901	606	5	11	0.00	0.00		-925	-922	-932	-933
606	5	11	0.00	0.00		-925	-933	-934	-927	606	5	11	0.00	0.00		-933	-932	-935	-936
606	5	11	0.00	0.00		-933	-936	-937	-934	606	5	11	0.00	0.00		-932	-901	-902	-935
606	5	11	0.00	0.00		-904	-938	-939	-903	606	5	11	0.00	0.00		-903	-939	-935	-902
606	5	11	0.00	0.00		-939	-938	-940	-941	606	5	11	0.00	0.00		-939	-941	-936	-935
606	5	11	0.00	0.00		-941	-940	-942	-943	606	5	11	0.00	0.00		-941	-943	-937	-936
606	5	11	0.00	0.00		-906	-944	-945	-905	606	5	11	0.00	0.00		-905	-945	-938	-904
606	5	11	0.00	0.00		-907	-946	-944	-906	606	5	11	0.00	0.00		-861	-860	-946	-907
606	5	11	0.00	0.00		-947	-948	-949	-950	606	5	11	0.00	0.00		-948	-951	-952	-949





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-949	-952	-953	-950	606	5	11	0.00	0.00		-948	-947	-945	-944
606	5	11	0.00	0.00		-946	-951	-948	-944	606	5	11	0.00	0.00		-947	-950	-942	-940
606	5	11	0.00	0.00		-947	-940	-938	-945	606	5	11	0.00	0.00		-862	-863	-952	-951
606	5	11	0.00	0.00		-860	-862	-951	-946	606	5	11	0.00	0.00		-863	-864	-953	-952
606	5	11	0.00	0.00		-954	-955	-956	-957	606	5	11	0.00	0.00		-956	-872	-873	-957
606	5	11	0.00	0.00		-957	-873	-874	-875	606	5	11	0.00	0.00		-957	-875	-876	-954
606	5	11	0.00	0.00		-872	-956	-958	-959	606	5	11	0.00	0.00		-956	-955	-960	-958
606	5	11	0.00	0.00		-959	-958	-960	-961	606	5	11	0.00	0.00		-955	-954	-961	-960
606	5	11	0.00	0.00		-954	-876	-877	-962	606	5	11	0.00	0.00		-954	-962	-963	-961
606	5	11	0.00	0.00		-964	-871	-872	-959	606	5	11	0.00	0.00		-879	-880	-881	-965
606	5	11	0.00	0.00		-966	-878	-879	-965	606	5	11	0.00	0.00		-966	-962	-877	-878
606	5	11	0.00	0.00		-967	-965	-881	-882	606	5	11	0.00	0.00		-966	-965	-967	-968
606	5	11	0.00	0.00		-966	-968	-963	-962	606	5	11	0.00	0.00		-928	-968	-967	-930
606	5	11	0.00	0.00		-969	-961	-963	-970	606	5	11	0.00	0.00		-969	-970	-927	-934
606	5	11	0.00	0.00		-928	-926	-971	-968	606	5	11	0.00	0.00		-927	-970	-971	-926
606	5	11	0.00	0.00		-971	-970	-963	-968	606	5	11	0.00	0.00		-967	-882	-883	-930
606	5	11	0.00	0.00		-969	-934	-937	-972	606	5	11	0.00	0.00		-969	-972	-959	-961
606	5	11	0.00	0.00		-972	-937	-943	-973	606	5	11	0.00	0.00		-972	-973	-964	-959
606	5	11	0.00	0.00		-866	-867	-974	-865	606	5	11	0.00	0.00		-867	-868	-975	-974
606	5	11	0.00	0.00		-974	-975	-976	-865	606	5	11	0.00	0.00		-975	-868	-869	-977
606	5	11	0.00	0.00		-975	-977	-978	-976	606	5	11	0.00	0.00		-977	-869	-870	-979
606	5	11	0.00	0.00		-977	-979	-980	-978	606	5	11	0.00	0.00		-979	-870	-871	-964
606	5	11	0.00	0.00		-979	-964	-973	-980	606	5	11	0.00	0.00		-942	-950	-978	-980
606	5	11	0.00	0.00		-942	-980	-973	-943	606	5	11	0.00	0.00		-976	-978	-950	-953
606	5	11	0.00	0.00		-976	-953	-864	-865	606	5	11	0.00	0.00		-575	-234	-995	-993
606	5	11	0.00	0.00		-234	-324	-996	-995	606	5	11	0.00	0.00		-324	2004	-997	-996
606	5	11	0.00	0.00		2004	-326	-998	-997	606	5	11	0.00	0.00		-326	2036	-999	-998
606	5	11	0.00	0.00		2036	-981	-1000	-999	606	5	11	0.00	0.00		-981	2020	-982	-1000
606	5	11	0.00	0.00		-982	2021	-1001	-1000	606	5	11	0.00	0.00		2021	-983	-1002	-1001
606	5	11	0.00	0.00		-983	2022	-1003	-1002	606	5	11	0.00	0.00		2022	-984	-1004	-1003
606	5	11	0.00	0.00		-984	2023	-1005	-1004	606	5	11	0.00	0.00		2023	-985	-1006	-1005
606	5	11	0.00	0.00		-985	2024	-1007	-1006	606	5	11	0.00	0.00		-1007	2024	-986	-1008
606	5	11	0.00	0.00		-986	2025	-1009	-1008	606	5	11	0.00	0.00		2025	-987	-1010	-1009
606	5	11	0.00	0.00		-987	2026	-1011	-1010	606	5	11	0.00	0.00		2026	-988	-1012	-1011
606	5	11	0.00	0.00		-988	2027	-989	-1012	606	5	11	0.00	0.00		-989	-330	-1013	-1012
606	5	11	0.00	0.00		-330	2003	-1014	-1013	606	5	11	0.00	0.00		2003	-333	-1015	-1014
606	5	11	0.00	0.00		-333	-990	-1016	-1015	606	5	11	0.00	0.00		-990	2039	-1017	-1016
606	5	11	0.00	0.00		2039	-991	-1018	-1017	606	5	11	0.00	0.00		-991	-992	-1019	-1018
606	5	11	0.00	0.00		-992	2052	-852	-1019	606	5	11	0.00	0.00		-852	-240	-1020	-1019
606	5	11	0.00	0.00		-851	-1021	-1020	-240	606	5	11	0.00	0.00		-851	-239	-1022	-1021
606	5	11	0.00	0.00		-239	-850	-1023	-1022	606	5	11	0.00	0.00		-850	-310	-1024	-1023
606	5	11	0.00	0.00		-310	2007	-1025	-1024	606	5	11	0.00	0.00		2007	-316	-1026	-1025
606	5	11	0.00	0.00		-316	-849	-1027	-1026	606	5	11	0.00	0.00		-849	-238	-1028	-1027
606	5	11	0.00	0.00		-238	-237	-1029	-1028	606	5	11	0.00	0.00		2051	-1030	-1029	-237
606	5	11	0.00	0.00		-236	-1031	-1030	2051	606	5	11	0.00	0.00		-236	2050	-1032	-1031
606	5	11	0.00	0.00		-848	-994	-1032	2050	606	5	11	0.00	0.00		2049	2047	-994	-848
606	5	11	0.00	0.00		-1024	-1025	-1026	-1033	606	5	11	0.00	0.00		-1024	-1033	-1034	-1023
606	5	11	0.00	0.00		-1035	-1036	-1037	-1027	606	5	11	0.00	0.00		-1036	-1034	-1033	-1037
606	5	11	0.00	0.00		-1037	-1033	-1026	-1027	606	5	11	0.00	0.00		-1038	-1039	-1040	-1041
606	5	11	0.00	0.00		-1039	-1034	-1036	-1040	606	5	11	0.00	0.00		-1040	-1036	-1035	-1041
606	5	11	0.00	0.00		-1023	-1034	-1042	-1022	606	5	11	0.00	0.00		-1034	-1039	-1043	-1042
606	5	11	0.00	0.00		-1022	-1042	-1043	-1044	606	5	11	0.00	0.00		-1039	-1038	-1044	-1043
606	5	11	0.00	0.00		-1035	-1027	-1028	-1045	606	5	11	0.00	0.00		-1035	-1045	-1046	-1041
606	5	11	0.00	0.00		-1045	-1028	-1029	-1047	606	5	11	0.00	0.00		-1045	-1047	-1048	-1046
606	5	11	0.00	0.00		-1049	-1050	-1044	-1038	606	5	11	0.00	0.00		-1049	-1038	-1041	-1051
606	5	11	0.00	0.00		-1052	-1051	-1041	-1046	606	5	11	0.00	0.00		-1052	-1046	-1048	-1053
606	5	11	0.00	0.00		-1054	-1055	-1048	-1047	606	5	11	0.00	0.00		-1030	-1054	-1047	-1029
606	5	11	0.00	0.00		-1055	-1056	-1053	-1048	606	5	11	0.00	0.00		-1018	-1019	-1020	-1057
606	5	11	0.00	0.00		-1018	-1057	-1058	-1017	606	5	11	0.00	0.00		-1057	-1020	-1021	-1059
606	5	11	0.00	0.00		-1057	-1059	-1060	-1058	606	5	11	0.00	0.00		-1022	-1044	-1059	-1021
606	5	11	0.00	0.00		-1059	-1044	-1050	-1060	606	5	11	0.00	0.00		-1013	-1014	-1015	-1061
606	5	11	0.00	0.00		-1013	-1061	-1062	-1012	606	5	11	0.00	0.00		-1063	-1064	-1065	-1016
606	5	11	0.00	0.00		-1064	-1062	-1061	-1065	606	5	11	0.00	0.00		-1065	-1061	-1015	-1016
606	5	11	0.00	0.00		-1012	-1062	-1066	-1011	606	5	11	0.00	0.00		-1062	-1064	-1067	-1066
606	5	11	0.00	0.00		-1011	-1066	-1067	-1068	606	5	11	0.00	0.00		-1064	-1063	-1068	-1067
606	5	11	0.00	0.00		-1063	-1016	-1017	-1058	606	5	11	0.00	0.00		-1063	-1058	-1060	-1068
606	5	11	0.00	0.00		-1009	-1010	-1069	-1070	606	5	11	0.00	0.00		-1009	-1070	-1071	-1008
606	5	11	0.00	0.00		-1010	-1011	-1068	-1069	606	5	11	0.00	0.00		-1049	-1072	-1073	-1050
606	5	11	0.00	0.00		-1072	-1071	-1070	-1073	606	5	11	0.00	0.00		-1073	-1070	-1069	-1050
606	5	11	0.00	0.00		-1069	-1068	-1060	-1050	606	5	11	0.00	0.00		-1075	-1004	-1005	-1074
606	5	11	0.00	0.00		-1004	-1075	-1076	-1003	606	5	11	0.00	0.00		-1075	-1074	-1052	-1053
606	5	11	0.00	0.00		-1075	-1053	-1056	-1076	606	5	11	0.00	0.00		-1074	-1077	-1051	-1052
606	5	11	0.00	0.00		-1005	-1006	-1078	-1074	606	5	11	0.00	0.00		-1006	-1007	-1079	-1078
606	5	11	0.00	0.00		-1078	-1079	-1077	-1074	606	5	11	0.00	0.00		-1071	-1072	-1077	-1079



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-1071	-1079	-1007	-1008	606	5	11	0.00	0.00		-1072	-1049	-1051	-1077
606	5	11	0.00	0.00		-999	-1080	-1081	-998	606	5	11	0.00	0.00		-1080	-1082	-1083	-1081
606	5	11	0.00	0.00		-1081	-1083	-1084	-998	606	5	11	0.00	0.00		-1083	-1082	-1085	-1086
606	5	11	0.00	0.00		-1083	-1086	-1087	-1084	606	5	11	0.00	0.00		-1082	-1088	-1001	-1085
606	5	11	0.00	0.00		-1082	-1080	-1089	-1088	606	5	11	0.00	0.00		-1001	-1088	-1089	-1000
606	5	11	0.00	0.00		-1080	-999	-1000	-1089	606	5	11	0.00	0.00		-1087	-1086	-1090	-1056
606	5	11	0.00	0.00		-1086	-1085	-1091	-1090	606	5	11	0.00	0.00		-1090	-1091	-1076	-1056
606	5	11	0.00	0.00		-1091	-1085	-1001	-1002	606	5	11	0.00	0.00		-1091	-1002	-1003	-1076
606	5	11	0.00	0.00		-826	-830	-831	-827	606	5	11	0.00	0.00		-831	-792	-828	-827
606	5	11	0.00	0.00		-832	-833	-831	-830	606	5	11	0.00	0.00		-832	-830	-785	-786
606	5	11	0.00	0.00		-833	-789	-792	-831	606	5	11	0.00	0.00		-834	-835	-836	-837
606	5	11	0.00	0.00		-834	-837	-749	-751	606	5	11	0.00	0.00		-835	-833	-832	-836
606	5	11	0.00	0.00		-749	-837	-838	-750	606	5	11	0.00	0.00		-837	-836	-839	-838
606	5	11	0.00	0.00		-750	-838	-839	-786	606	5	11	0.00	0.00		-836	-832	-786	-839
606	5	11	0.00	0.00		-835	-840	-789	-833	606	5	11	0.00	0.00		-835	-834	-841	-840
606	5	11	0.00	0.00		-789	-840	-841	-752	606	5	11	0.00	0.00		-834	-751	-752	-841
606	5	11	0.00	0.00		-842	-843	-844	-845	606	5	11	0.00	0.00		-843	-758	-759	-844
606	5	11	0.00	0.00		-844	-759	-760	-845	606	5	11	0.00	0.00		-843	-842	-791	-846
606	5	11	0.00	0.00		-843	-846	-757	-758	606	5	11	0.00	0.00		-760	-761	-804	-845
606	5	11	0.00	0.00		-828	-842	-845	-829	606	5	11	0.00	0.00		-1122	-1124	-1129	-1131
606	5	11	0.00	0.00		-1131	-1108	-1109	-1122	606	5	11	0.00	0.00		-427	2037	-1132	-1133
606	5	11	0.00	0.00		2043	-427	-1133	-1134	606	5	11	0.00	0.00		-1134	-1133	-1135	-1129
606	5	11	0.00	0.00		-1133	-1132	-1136	-1135	606	5	11	0.00	0.00		-1135	-1136	-1131	-1129
606	5	11	0.00	0.00		-1134	-1129	-1130	-1137	606	5	11	0.00	0.00		-1106	2043	-1134	-1137
606	5	11	0.00	0.00		-1136	-1107	-1108	-1131	606	5	11	0.00	0.00		-1136	-1132	-1138	-1107
606	5	11	0.00	0.00		2037	-425	-1138	-1132	606	5	11	0.00	0.00		-425	2031	-1107	-1138
606	5	11	0.00	0.00		-1141	-1142	-1139	-1140	606	5	11	0.00	0.00		-1139	-1142	-1128	-1127
606	5	11	0.00	0.00		-1142	-1141	-1143	-1144	606	5	11	0.00	0.00		-1142	-1144	-1130	-1128
606	5	11	0.00	0.00		-1105	-1106	-1137	-1145	606	5	11	0.00	0.00		-1104	-1105	-1145	-1146
606	5	11	0.00	0.00		-1145	-1137	-1130	-1144	606	5	11	0.00	0.00		-1146	-1145	-1144	-1143
606	5	11	0.00	0.00		-1141	-1140	-1147	-1148	606	5	11	0.00	0.00		-1149	-1143	-1141	-1148
606	5	11	0.00	0.00		-1151	-1148	-1147	-1150	606	5	11	0.00	0.00		-1152	-1149	-1148	-1151
606	5	11	0.00	0.00		-248	2055	-1154	-1153	606	5	11	0.00	0.00		-1153	-1154	-1149	-1152
606	5	11	0.00	0.00		2055	-1104	-1146	-1154	606	5	11	0.00	0.00		-1154	-1146	-1143	-1149
606	5	11	0.00	0.00		-1155	-1156	-564	2056	606	5	11	0.00	0.00		-1155	2056	-563	-1157
606	5	11	0.00	0.00		2048	-564	-1156	-1158	606	5	11	0.00	0.00		-1158	-1159	-565	2048
606	5	11	0.00	0.00		-1101	-1102	-1160	-1161	606	5	11	0.00	0.00		-1164	-1161	-1162	-1163
606	5	11	0.00	0.00		-1161	-1160	-1165	-1162	606	5	11	0.00	0.00		2073	-1101	-1161	-1164
606	5	11	0.00	0.00		-1166	-1167	-1168	-1169	606	5	11	0.00	0.00		-1167	-1156	-1155	-1168
606	5	11	0.00	0.00		-1168	-1155	-1157	-1169	606	5	11	0.00	0.00		-1166	-1170	-1171	-1167
606	5	11	0.00	0.00		-1167	-1171	-1158	-1156	606	5	11	0.00	0.00		-1172	-1173	-1166	-1169
606	5	11	0.00	0.00		-1166	-1173	-1174	-1170	606	5	11	0.00	0.00		-1140	-1139	-1175	-1174
606	5	11	0.00	0.00		-1140	-1174	-1173	-1147	606	5	11	0.00	0.00		-1173	-1172	-1150	-1147
606	5	11	0.00	0.00		-1127	-1176	-1175	-1139	606	5	11	0.00	0.00		-1127	-1126	-1177	-1176
606	5	11	0.00	0.00		-1126	-1125	-1178	-1177	606	5	11	0.00	0.00		-1177	-1178	-1179	-1176
606	5	11	0.00	0.00		-1180	-1181	-1182	-566	606	5	11	0.00	0.00		-1181	-1183	-1184	-1182
606	5	11	0.00	0.00		-1182	-1184	-567	-566	606	5	11	0.00	0.00		-566	-565	-1159	-1180
606	5	11	0.00	0.00		-1185	-1183	-1181	-1186	606	5	11	0.00	0.00		-1185	-1186	-1176	-1179
606	5	11	0.00	0.00		-1176	-1186	-1187	-1175	606	5	11	0.00	0.00		-1186	-1181	-1180	-1187
606	5	11	0.00	0.00		-1187	-1180	-1159	-1175	606	5	11	0.00	0.00		-1178	-1188	-1189	-1179
606	5	11	0.00	0.00		-1125	2038	-1188	-1178	606	5	11	0.00	0.00		-1189	-1190	-1185	-1179
606	5	11	0.00	0.00		-1189	-1110	-1111	-1190	606	5	11	0.00	0.00		-1189	-1188	-1191	-1110
606	5	11	0.00	0.00		2038	-1119	-1191	-1188	606	5	11	0.00	0.00		-1119	2032	-1110	-1191
606	5	11	0.00	0.00		-1185	-1190	-1192	-1183	606	5	11	0.00	0.00		-1183	-1192	-1193	-1184
606	5	11	0.00	0.00		-1193	-568	-567	-1184	606	5	11	0.00	0.00		-1193	-1192	-1112	2033
606	5	11	0.00	0.00		-1193	2033	2034	-568	606	5	11	0.00	0.00		-1192	-1190	-1111	-1112
606	5	11	0.00	0.00		-1172	-1169	-1194	-1195	606	5	11	0.00	0.00		-1172	-1195	-1196	-1150
606	5	11	0.00	0.00		-1194	-1169	-1157	-1197	606	5	11	0.00	0.00		-1197	-1157	-563	-252
606	5	11	0.00	0.00		-1195	-1198	-1199	-1196	606	5	11	0.00	0.00		-1195	-1194	-1200	-1198
606	5	11	0.00	0.00		-1194	-1197	-1201	-1200	606	5	11	0.00	0.00		-1200	-1201	-1202	-1198
606	5	11	0.00	0.00		-1201	-1197	-252	-406	606	5	11	0.00	0.00		-1201	-406	2010	-1202
606	5	11	0.00	0.00		-1202	2010	-409	-1203	606	5	11	0.00	0.00		-1202	-1203	-1204	-1198
606	5	11	0.00	0.00		-1205	-1199	-1198	-1204	606	5	11	0.00	0.00		-1206	2086	-1114	-1207
606	5	11	0.00	0.00		-1206	-1207	-1208	-1209	606	5	11	0.00	0.00		-1115	-1210	-1207	-1114
606	5	11	0.00	0.00		-1207	-1210	-1211	-1208	606	5	11	0.00	0.00		-1206	-1209	-1212	-1213
606	5	11	0.00	0.00		-1206	-1213	-1113	2086	606	5	11	0.00	0.00		-1213	-1212	-259	-561
606	5	11	0.00	0.00		-1113	-1213	-561	2087	606	5	11	0.00	0.00		-1214	-1215	-1216	-1217
606	5	11	0.00	0.00		-1215	-1212	-1209	-1216	606	5	11	0.00	0.00		-1216	-1209	-1208	-1217
606	5	11	0.00	0.00		-1208	-1211	-1218	-1217	606	5	11	0.00	0.00		-1215	-1214	-256	-562
606	5	11	0.00	0.00		-1212	-1215	-562	-259	606	5	11	0.00	0.00		-1218	-1205	-1204	-1217
606	5	11	0.00	0.00		-1214	-1217	-1204	-1203	606	5	11	0.00	0.00		-1214	-1203	-409	-256
606	5	11	0.00	0.00		-1220	-1152	-1151	-1219	606	5	11	0.00	0.00		-1221	-1220	-1219	-1222
606	5	11	0.00	0.00		-1165	-1221	-1222	-1223	606	5	11	0.00	0.00		-1196	-1219	-1151	-1150
606	5	11	0.00	0.00		-1222	-1219	-1196	-1199	606	5	11	0.00	0.00		-1223	-1222	-1199	-1205



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-1160	-1224	-1221	-1165	606	5	11	0.00	0.00		-1224	-1225	-1220	-1221
606	5	11	0.00	0.00		-1225	-1153	-1152	-1220	606	5	11	0.00	0.00		-1102	-1103	-1224	-1160
606	5	11	0.00	0.00		-1103	2060	-1225	-1224	606	5	11	0.00	0.00		2060	-248	-1153	-1225
606	5	11	0.00	0.00		-1227	-1163	-1228	-1226	606	5	11	0.00	0.00		-1226	-1228	-1211	-1210
606	5	11	0.00	0.00		-1164	-1163	-1227	-1229	606	5	11	0.00	0.00		-261	2073	-1164	-1229
606	5	11	0.00	0.00		-1116	-1226	-1210	-1115	606	5	11	0.00	0.00		-1117	-1227	-1226	-1116
606	5	11	0.00	0.00		2085	-1229	-1227	-1117	606	5	11	0.00	0.00		-261	-1229	2085	-1118
606	5	11	0.00	0.00		-420	-261	-1118	-390	606	5	11	0.00	0.00		-1228	-1230	-1218	-1211
606	5	11	0.00	0.00		-1230	-1223	-1205	-1218	606	5	11	0.00	0.00		-1163	-1162	-1230	-1228
606	5	11	0.00	0.00		-1162	-1165	-1223	-1230	606	5	11	0.00	0.00		-1174	-1175	-1159	-1158
606	5	11	0.00	0.00		-1158	-1171	-1170	-1174	606	5	11	0.00	0.00		2072	-1231	-1252	-1250
606	5	11	0.00	0.00		-1231	-1232	-1253	-1252	606	5	11	0.00	0.00		-1232	-1233	-1254	-1253
606	5	11	0.00	0.00		-1233	2059	-1255	-1254	606	5	11	0.00	0.00		2059	-1234	-1256	-1255
606	5	11	0.00	0.00		-1234	-245	-1257	-1256	606	5	11	0.00	0.00		-245	-1235	-1258	-1257
606	5	11	0.00	0.00		-1235	2053	-1259	-1258	606	5	11	0.00	0.00		2053	-1236	-1260	-1259
606	5	11	0.00	0.00		-1236	2046	-1261	-1260	606	5	11	0.00	0.00		2046	2044	-1262	-1261
606	5	11	0.00	0.00		2044	-1237	-1263	-1262	606	5	11	0.00	0.00		-1237	2005	-1264	-1263
606	5	11	0.00	0.00		2005	-1238	-1265	-1264	606	5	11	0.00	0.00		-1238	2030	-1239	-1265
606	5	11	0.00	0.00		-1239	-1240	-1266	-1265	606	5	11	0.00	0.00		-1240	-1241	-1267	-1266
606	5	11	0.00	0.00		-1267	-1241	-1242	-1268	606	5	11	0.00	0.00		-1242	-1243	-1269	-1268
606	5	11	0.00	0.00		-1243	-1244	-1270	-1269	606	5	11	0.00	0.00		-1244	2031	-425	-1270
606	5	11	0.00	0.00		-425	2037	-1271	-1270	606	5	11	0.00	0.00		2037	-427	-1272	-1271
606	5	11	0.00	0.00		-427	2043	-1273	-1272	606	5	11	0.00	0.00		2043	-1106	-1274	-1273
606	5	11	0.00	0.00		-1275	-1274	-1106	-1105	606	5	11	0.00	0.00		-1276	-1275	-1105	-1104
606	5	11	0.00	0.00		-1277	-1276	-1104	2055	606	5	11	0.00	0.00		-1278	-1277	2055	-248
606	5	11	0.00	0.00		-1279	-1278	-248	2060	606	5	11	0.00	0.00		-1280	-1279	2060	-1103
606	5	11	0.00	0.00		-1281	-1280	-1103	-1102	606	5	11	0.00	0.00		-1282	-1281	-1102	-1101
606	5	11	0.00	0.00		-1101	2073	-1283	-1282	606	5	11	0.00	0.00		2073	-261	-1284	-1283
606	5	11	0.00	0.00		-261	-420	-1285	-1284	606	5	11	0.00	0.00		-420	2084	-392	-1285
606	5	11	0.00	0.00		-392	-1245	-1286	-1285	606	5	11	0.00	0.00		-1245	2083	-1287	-1286
606	5	11	0.00	0.00		2083	-1246	-1288	-1287	606	5	11	0.00	0.00		-1246	-1247	-1289	-1288
606	5	11	0.00	0.00		-1247	-1248	-1290	-1289	606	5	11	0.00	0.00		-1248	-1249	-1291	-1290
606	5	11	0.00	0.00		2082	-1251	-1291	-1249	606	5	11	0.00	0.00		2081	-260	-1251	2082
606	5	11	0.00	0.00		-1284	-1287	-1292	-1283	606	5	11	0.00	0.00		-1287	-1288	-1293	-1292
606	5	11	0.00	0.00		-1292	-1293	-1294	-1283	606	5	11	0.00	0.00		-1284	-1285	-1286	-1287
606	5	11	0.00	0.00		-1295	-1296	-1297	-1289	606	5	11	0.00	0.00		-1296	-1294	-1293	-1297
606	5	11	0.00	0.00		-1297	-1293	-1288	-1289	606	5	11	0.00	0.00		-1289	-1290	-1298	-1295
606	5	11	0.00	0.00		-1290	-1291	-1299	-1298	606	5	11	0.00	0.00		-1251	-1250	-1299	-1291
606	5	11	0.00	0.00		-1300	-1301	-1298	-1299	606	5	11	0.00	0.00		-1250	-1252	-1300	-1299
606	5	11	0.00	0.00		-1301	-1302	-1295	-1298	606	5	11	0.00	0.00		-1294	-1303	-1282	-1283
606	5	11	0.00	0.00		-1303	-1294	-1296	-1304	606	5	11	0.00	0.00		-1296	-1295	-1302	-1304
606	5	11	0.00	0.00		-1305	-1304	-1302	-1306	606	5	11	0.00	0.00		-1303	-1304	-1305	-1307
606	5	11	0.00	0.00		-1303	-1307	-1281	-1282	606	5	11	0.00	0.00		-1301	-1308	-1306	-1302
606	5	11	0.00	0.00		-1309	-1308	-1301	-1300	606	5	11	0.00	0.00		-1252	-1253	-1309	-1300
606	5	11	0.00	0.00		-1253	-1254	-1310	-1309	606	5	11	0.00	0.00		-1255	-1256	-1311	-1312
606	5	11	0.00	0.00		-1254	-1255	-1312	-1310	606	5	11	0.00	0.00		-1256	-1257	-1313	-1311
606	5	11	0.00	0.00		-1314	-1308	-1309	-1310	606	5	11	0.00	0.00		-1314	-1310	-1312	-1315
606	5	11	0.00	0.00		-1316	-1315	-1312	-1311	606	5	11	0.00	0.00		-1316	-1311	-1313	-1317
606	5	11	0.00	0.00		-1316	-1317	-1318	-1319	606	5	11	0.00	0.00		-1316	-1319	-1320	-1315
606	5	11	0.00	0.00		-1314	-1315	-1320	-1321	606	5	11	0.00	0.00		-1314	-1321	-1306	-1308
606	5	11	0.00	0.00		-1323	-1322	-1279	-1280	606	5	11	0.00	0.00		-1324	-1325	-1322	-1323
606	5	11	0.00	0.00		-1307	-1323	-1280	-1281	606	5	11	0.00	0.00		-1305	-1324	-1323	-1307
606	5	11	0.00	0.00		-1324	-1305	-1306	-1321	606	5	11	0.00	0.00		-1324	-1321	-1320	-1325
606	5	11	0.00	0.00		-1319	-1318	-1326	-1327	606	5	11	0.00	0.00		-1319	-1327	-1325	-1320
606	5	11	0.00	0.00		-1322	-1328	-1278	-1279	606	5	11	0.00	0.00		-1278	-1328	-1329	-1277
606	5	11	0.00	0.00		-1328	-1322	-1325	-1327	606	5	11	0.00	0.00		-1328	-1327	-1326	-1329
606	5	11	0.00	0.00		-1330	-1331	-1332	-1333	606	5	11	0.00	0.00		-1330	-1333	-1334	-1335
606	5	11	0.00	0.00		-1331	-1267	-1268	-1332	606	5	11	0.00	0.00		-1333	-1332	-1336	-1337
606	5	11	0.00	0.00		-1334	-1333	-1337	-1338	606	5	11	0.00	0.00		-1332	-1268	-1269	-1336
606	5	11	0.00	0.00		-1336	-1339	-1340	-1337	606	5	11	0.00	0.00		-1339	-1341	-1342	-1340
606	5	11	0.00	0.00		-1337	-1340	-1342	-1274	606	5	11	0.00	0.00		-1341	-1273	-1274	-1342
606	5	11	0.00	0.00		-1274	-1275	-1338	-1337	606	5	11	0.00	0.00		-1270	-1271	-1343	-1344
606	5	11	0.00	0.00		-1272	-1345	-1343	-1271	606	5	11	0.00	0.00		-1346	-1344	-1343	-1345
606	5	11	0.00	0.00		-1345	-1272	-1273	-1341	606	5	11	0.00	0.00		-1345	-1341	-1339	-1346
606	5	11	0.00	0.00		-1270	-1344	-1347	-1269	606	5	11	0.00	0.00		-1344	-1346	-1348	-1347
606	5	11	0.00	0.00		-1269	-1347	-1348	-1336	606	5	11	0.00	0.00		-1346	-1339	-1336	-1348
606	5	11	0.00	0.00		-1349	-1350	-1335	-1334	606	5	11	0.00	0.00		-1349	-1334	-1338	-1351
606	5	11	0.00	0.00		-1351	-1338	-1275	-1276	606	5	11	0.00	0.00		-1329	-1326	-1349	-1351
606	5	11	0.00	0.00		-1329	-1351	-1276	-1277	606	5	11	0.00	0.00		-1326	-1318	-1350	-1349
606	5	11	0.00	0.00		-1260	-1261	-1352	-1353	606	5	11	0.00	0.00		-1262	-1354	-1355	-1261
606	5	11	0.00	0.00		-1354	-1356	-1357	-1355	606	5	11	0.00	0.00		-1261	-1355	-1357	-1352
606	5	11	0.00	0.00		-1356	-1358	-1352	-1357	606	5	11	0.00	0.00		-1358	-1356	-1359	-1266
606	5	11	0.00	0.00		-1356	-1354	-1360	-1359	606	5	11	0.00	0.00		-1359	-1360	-1265	-1266
606	5	11	0.00	0.00		-1262	-1263	-1360	-1354	606	5	11	0.00	0.00		-1263	-1264	-1265	-1360



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-1331	-1330	-1352	-1358	606	5	11	0.00	0.00		-1331	-1358	-1266	-1267
606	5	11	0.00	0.00		-1353	-1352	-1330	-1335	606	5	11	0.00	0.00		-1257	-1258	-1361	-1313
606	5	11	0.00	0.00		-1313	-1361	-1362	-1317	606	5	11	0.00	0.00		-1362	-1350	-1318	-1317
606	5	11	0.00	0.00		-1258	-1259	-1363	-1361	606	5	11	0.00	0.00		-1363	-1364	-1365	-1361
606	5	11	0.00	0.00		-1364	-1366	-1367	-1365	606	5	11	0.00	0.00		-1365	-1367	-1362	-1361
606	5	11	0.00	0.00		-1366	-1364	-1368	-1353	606	5	11	0.00	0.00		-1364	-1363	-1369	-1368
606	5	11	0.00	0.00		-1353	-1368	-1369	-1260	606	5	11	0.00	0.00		-1363	-1259	-1260	-1369
606	5	11	0.00	0.00		-1362	-1367	-1370	-1350	606	5	11	0.00	0.00		-1367	-1366	-1371	-1370
606	5	11	0.00	0.00		-1350	-1370	-1371	-1335	606	5	11	0.00	0.00		-1366	-1353	-1335	-1371
606	5	11	0.00	0.00		-1372	2071	-1394	-1392	606	5	11	0.00	0.00		2071	2063	-1395	-1394
606	5	11	0.00	0.00		2063	-1373	-1396	-1395	606	5	11	0.00	0.00		-1373	2062	-1397	-1396
606	5	11	0.00	0.00		2062	-1374	-1398	-1397	606	5	11	0.00	0.00		-1374	-250	-1399	-1398
606	5	11	0.00	0.00		-250	-1375	-1400	-1399	606	5	11	0.00	0.00		-1375	-246	-1401	-1400
606	5	11	0.00	0.00		-246	-1376	-1402	-1401	606	5	11	0.00	0.00		-1376	2054	-1403	-1402
606	5	11	0.00	0.00		2054	-1377	-1404	-1403	606	5	11	0.00	0.00		-1377	-1378	-1405	-1404
606	5	11	0.00	0.00		-1378	2045	-1406	-1405	606	5	11	0.00	0.00		2045	-1379	-1407	-1406
606	5	11	0.00	0.00		-1379	-386	-1408	-1407	606	5	11	0.00	0.00		-386	2006	-1380	-1408
606	5	11	0.00	0.00		-1380	-1381	-1409	-1408	606	5	11	0.00	0.00		-1381	-1382	-1410	-1409
606	5	11	0.00	0.00		-1382	-1383	-1411	-1410	606	5	11	0.00	0.00		-1411	-1383	-1384	-1412
606	5	11	0.00	0.00		-1384	-1385	-1413	-1412	606	5	11	0.00	0.00		-1385	-1386	-1414	-1413
606	5	11	0.00	0.00		-1386	2005	-1237	-1414	606	5	11	0.00	0.00		-1237	2044	-1415	-1414
606	5	11	0.00	0.00		2044	2046	-1416	-1415	606	5	11	0.00	0.00		-1417	-1416	2046	-1236
606	5	11	0.00	0.00		-1418	-1417	-1236	2053	606	5	11	0.00	0.00		-1419	-1418	2053	-1235
606	5	11	0.00	0.00		-1235	-245	-1420	-1419	606	5	11	0.00	0.00		-1421	-1420	-245	-1234
606	5	11	0.00	0.00		-1422	-1421	-1234	2059	606	5	11	0.00	0.00		-1423	-1422	2059	-1233
606	5	11	0.00	0.00		-1424	-1423	-1233	-1232	606	5	11	0.00	0.00		-1232	-1231	-1425	-1424
606	5	11	0.00	0.00		-1231	2072	-1426	-1425	606	5	11	0.00	0.00		2072	-260	-1427	-1426
606	5	11	0.00	0.00		-260	2081	-1387	-1427	606	5	11	0.00	0.00		-1387	-263	-1428	-1427
606	5	11	0.00	0.00		-1388	-1429	-1428	-263	606	5	11	0.00	0.00		-262	-1430	-1429	-1388
606	5	11	0.00	0.00		-1389	-1431	-1430	-262	606	5	11	0.00	0.00		2080	-1432	-1431	-1389
606	5	11	0.00	0.00		2080	-1390	-1433	-1432	606	5	11	0.00	0.00		-1390	2079	-1434	-1433
606	5	11	0.00	0.00		2079	2078	-1435	-1434	606	5	11	0.00	0.00		2078	-1391	-1393	-1435
606	5	11	0.00	0.00		2077	2076	-1393	-1391	606	5	11	0.00	0.00		-1409	-1436	-1405	-1406
606	5	11	0.00	0.00		-1409	-1406	-1407	-1408	606	5	11	0.00	0.00		-1409	-1410	-1437	-1436
606	5	11	0.00	0.00		-1439	-1436	-1437	-1438	606	5	11	0.00	0.00		-1404	-1405	-1436	-1439
606	5	11	0.00	0.00		-1437	-1410	-1411	-1440	606	5	11	0.00	0.00		-1438	-1437	-1440	-1441
606	5	11	0.00	0.00		-1443	-1444	-1445	-1442	606	5	11	0.00	0.00		-1443	-1401	-1402	-1444
606	5	11	0.00	0.00		-1444	-1402	-1403	-1445	606	5	11	0.00	0.00		-1403	-1404	-1439	-1445
606	5	11	0.00	0.00		-1447	-1438	-1441	-1446	606	5	11	0.00	0.00		-1438	-1447	-1445	-1439
606	5	11	0.00	0.00		-1447	-1446	-1448	-1449	606	5	11	0.00	0.00		-1447	-1449	-1442	-1445
606	5	11	0.00	0.00		-1413	-1450	-1451	-1412	606	5	11	0.00	0.00		-1450	-1452	-1453	-1451
606	5	11	0.00	0.00		-1451	-1453	-1454	-1412	606	5	11	0.00	0.00		-1450	-1413	-1414	-1415
606	5	11	0.00	0.00		-1450	-1415	-1416	-1452	606	5	11	0.00	0.00		-1454	-1440	-1411	-1412
606	5	11	0.00	0.00		-1456	-1454	-1453	-1455	606	5	11	0.00	0.00		-1441	-1440	-1454	-1456
606	5	11	0.00	0.00		-1455	-1453	-1452	-1457	606	5	11	0.00	0.00		-1457	-1452	-1416	-1417
606	5	11	0.00	0.00		-1458	-1459	-1418	-1419	606	5	11	0.00	0.00		-1459	-1457	-1417	-1418
606	5	11	0.00	0.00		-1419	-1420	-1460	-1458	606	5	11	0.00	0.00		-1461	-1462	-1463	-1464
606	5	11	0.00	0.00		-1462	-1459	-1458	-1463	606	5	11	0.00	0.00		-1463	-1458	-1460	-1464
606	5	11	0.00	0.00		-1462	-1461	-1456	-1455	606	5	11	0.00	0.00		-1462	-1455	-1457	-1459
606	5	11	0.00	0.00		-1461	-1464	-1448	-1446	606	5	11	0.00	0.00		-1461	-1446	-1441	-1456
606	5	11	0.00	0.00		-1435	-1465	-1466	-1434	606	5	11	0.00	0.00		-1434	-1466	-1467	-1433
606	5	11	0.00	0.00		-1435	-1393	-1392	-1465	606	5	11	0.00	0.00		-1433	-1467	-1468	-1432
606	5	11	0.00	0.00		-1465	-1469	-1470	-1466	606	5	11	0.00	0.00		-1392	-1394	-1469	-1465
606	5	11	0.00	0.00		-1466	-1470	-1471	-1467	606	5	11	0.00	0.00		-1467	-1471	-1472	-1468
606	5	11	0.00	0.00		-1395	-1396	-1473	-1474	606	5	11	0.00	0.00		-1394	-1395	-1474	-1469
606	5	11	0.00	0.00		-1474	-1473	-1475	-1476	606	5	11	0.00	0.00		-1469	-1474	-1476	-1470
606	5	11	0.00	0.00		-1473	-1396	-1397	-1477	606	5	11	0.00	0.00		-1473	-1477	-1478	-1475
606	5	11	0.00	0.00		-1397	-1398	-1479	-1477	606	5	11	0.00	0.00		-1398	-1399	-1480	-1479
606	5	11	0.00	0.00		-1479	-1480	-1481	-1477	606	5	11	0.00	0.00		-1481	-1482	-1478	-1477
606	5	11	0.00	0.00		-1483	-1484	-1475	-1478	606	5	11	0.00	0.00		-1483	-1478	-1482	-1485
606	5	11	0.00	0.00		-1476	-1475	-1484	-1486	606	5	11	0.00	0.00		-1470	-1476	-1486	-1471
606	5	11	0.00	0.00		-1471	-1486	-1487	-1472	606	5	11	0.00	0.00		-1486	-1484	-1488	-1487
606	5	11	0.00	0.00		-1484	-1483	-1489	-1488	606	5	11	0.00	0.00		-1483	-1485	-1490	-1489
606	5	11	0.00	0.00		-1400	-1401	-1443	-1491	606	5	11	0.00	0.00		-1400	-1491	-1480	-1399
606	5	11	0.00	0.00		-1482	-1481	-1492	-1442	606	5	11	0.00	0.00		-1481	-1480	-1491	-1492
606	5	11	0.00	0.00		-1492	-1491	-1443	-1442	606	5	11	0.00	0.00		-1442	-1449	-1485	-1482
606	5	11	0.00	0.00		-1449	-1448	-1490	-1485	606	5	11	0.00	0.00		-1493	-1422	-1423	-1494
606	5	11	0.00	0.00		-1493	-1494	-1495	-1496	606	5	11	0.00	0.00		-1494	-1423	-1424	-1497
606	5	11	0.00	0.00		-1494	-1497	-1498	-1495	606	5	11	0.00	0.00		-1499	-1496	-1495	-1500
606	5	11	0.00	0.00		-1499	-1500	-1489	-1490	606	5	11	0.00	0.00		-1500	-1495	-1498	-1501
606	5	11	0.00	0.00		-1488	-1489	-1500	-1501	606	5	11	0.00	0.00		-1421	-1422	-1493	-1502
606	5	11	0.00	0.00		-1421	-1502	-1460	-1420	606	5	11	0.00	0.00		-1464	-1499	-1490	-1448
606	5	11	0.00	0.00		-1460	-1502	-1503	-1464	606	5	11	0.00	0.00		-1502	-1493	-1496	-1503
606	5	11	0.00	0.00		-1503	-1496	-1499	-1464	606	5	11	0.00	0.00		-1426	-1504	-1505	-1425

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-1427	-1428	-1506	-1426	606	5	11	0.00	0.00		-1428	-1429	-1507	-1506
606	5	11	0.00	0.00		-1506	-1507	-1504	-1426	606	5	11	0.00	0.00		-1507	-1429	-1430	-1508
606	5	11	0.00	0.00		-1507	-1508	-1509	-1504	606	5	11	0.00	0.00		-1509	-1510	-1505	-1504
606	5	11	0.00	0.00		-1505	-1510	-1498	-1497	606	5	11	0.00	0.00		-1505	-1497	-1424	-1425
606	5	11	0.00	0.00		-1501	-1498	-1510	-1511	606	5	11	0.00	0.00		-1487	-1488	-1501	-1511
606	5	11	0.00	0.00		-1511	-1510	-1509	-1512	606	5	11	0.00	0.00		-1472	-1487	-1511	-1512
606	5	11	0.00	0.00		-1508	-1430	-1431	-1513	606	5	11	0.00	0.00		-1508	-1513	-1512	-1509
606	5	11	0.00	0.00		-1432	-1468	-1513	-1431	606	5	11	0.00	0.00		-1468	-1472	-1512	-1513
606	5	11	0.00	0.00		-1514	-233	-1522	-1523	606	5	11	0.00	0.00		-233	-1515	-1524	-1522
606	5	11	0.00	0.00		-1515	-1516	-1525	-1524	606	5	11	0.00	0.00		-1516	-1517	-1526	-1525
606	5	11	0.00	0.00		-1517	-1518	-1527	-1526	606	5	11	0.00	0.00		-1518	-1519	-1528	-1527
606	5	11	0.00	0.00		-1519	2001	-1529	-1528	606	5	11	0.00	0.00		2001	-1520	-1530	-1529
606	5	11	0.00	0.00		-1520	-1521	-1531	-1530	606	5	11	0.00	0.00		-1521	2029	2030	-1531
606	5	11	0.00	0.00		-1532	-1531	2030	-1238	606	5	11	0.00	0.00		-1386	-1532	-1238	2005
606	5	11	0.00	0.00		-1386	-1385	-1533	-1532	606	5	11	0.00	0.00		-1385	-1384	-1534	-1533
606	5	11	0.00	0.00		-1384	-1383	-1535	-1534	606	5	11	0.00	0.00		-1383	-1382	-1536	-1535
606	5	11	0.00	0.00		-1382	-1381	-1537	-1536	606	5	11	0.00	0.00		-1381	-1380	-1523	-1537
606	5	11	0.00	0.00		-384	-1514	-1523	-1380	606	5	11	0.00	0.00		-1533	-1530	-1531	-1532
606	5	11	0.00	0.00		-1529	-1530	-1533	-1534	606	5	11	0.00	0.00		-1529	-1534	-1535	-1528
606	5	11	0.00	0.00		-1535	-1536	-1527	-1528	606	5	11	0.00	0.00		-1536	-1537	-1526	-1527
606	5	11	0.00	0.00		-1523	-1522	-1524	-1525	606	5	11	0.00	0.00		-1523	-1525	-1526	-1537
606	5	11	0.00	0.00		2006	-384	-1380		606	5	11	0.00	0.00		2122	-1538	-1558	-1559
606	5	11	0.00	0.00		-1538	2109	-1560	-1558	606	5	11	0.00	0.00		2109	2107	-1561	-1560
606	5	11	0.00	0.00		2107	-1539	-1562	-1561	606	5	11	0.00	0.00		-1539	2104	-1563	-1562
606	5	11	0.00	0.00		2104	-1540	-1564	-1563	606	5	11	0.00	0.00		-1540	-372	-1541	-1564
606	5	11	0.00	0.00		-1541	-1542	-1565	-1564	606	5	11	0.00	0.00		-1542	-1543	-1566	-1565
606	5	11	0.00	0.00		-1543	-1544	-1567	-1566	606	5	11	0.00	0.00		-1544	-1545	-1568	-1567
606	5	11	0.00	0.00		-1545	-1546	-1569	-1568	606	5	11	0.00	0.00		-1546	-1547	-1570	-1569
606	5	11	0.00	0.00		-1570	-1547	2103	-1548	606	5	11	0.00	0.00		-1548	-274	-1571	-1570
606	5	11	0.00	0.00		-274	-1549	-1572	-1571	606	5	11	0.00	0.00		-1549	-277	-1573	-1572
606	5	11	0.00	0.00		-277	-1550	-1574	-1573	606	5	11	0.00	0.00		-1550	-380	-1551	-1574
606	5	11	0.00	0.00		-1551	-1552	-1575	-1574	606	5	11	0.00	0.00		-1552	-1553	-1576	-1575
606	5	11	0.00	0.00		-1553	-1554	-1577	-1576	606	5	11	0.00	0.00		-1554	-1555	-1578	-1577
606	5	11	0.00	0.00		-1556	-1579	-1578	-1555	606	5	11	0.00	0.00		-1557	-1559	-1579	-1556
606	5	11	0.00	0.00		-279	2122	-1559	-1557	606	5	11	0.00	0.00		-1563	-1564	-1565	-1580
606	5	11	0.00	0.00		-1563	-1580	-1581	-1562	606	5	11	0.00	0.00		-1582	-1583	-1584	-1566
606	5	11	0.00	0.00		-1583	-1581	-1580	-1584	606	5	11	0.00	0.00		-1584	-1580	-1565	-1566
606	5	11	0.00	0.00		-1585	-1586	-1587	-1588	606	5	11	0.00	0.00		-1588	-1583	-1582	-1585
606	5	11	0.00	0.00		-1562	-1581	-1589	-1561	606	5	11	0.00	0.00		-1581	-1583	-1588	-1589
606	5	11	0.00	0.00		-1589	-1588	-1587	-1561	606	5	11	0.00	0.00		-1590	-1591	-1592	-1593
606	5	11	0.00	0.00		-1590	-1593	-1567	-1568	606	5	11	0.00	0.00		-1591	-1594	-1595	-1592
606	5	11	0.00	0.00		-1596	-1576	-1577	-1597	606	5	11	0.00	0.00		-1598	-1594	-1599	-1600
606	5	11	0.00	0.00		-1598	-1601	-1595	-1594	606	5	11	0.00	0.00		-1596	-1597	-1601	-1598
606	5	11	0.00	0.00		-1585	-1582	-1593	-1592	606	5	11	0.00	0.00		-1593	-1582	-1566	-1567
606	5	11	0.00	0.00		-1592	-1595	-1586	-1585	606	5	11	0.00	0.00		-1570	-1571	-1602	-1569
606	5	11	0.00	0.00		-1571	-1572	-1603	-1602	606	5	11	0.00	0.00		-1602	-1603	-1599	-1569
606	5	11	0.00	0.00		-1579	-1605	-1604	-1578	606	5	11	0.00	0.00		-1605	-1606	-1607	-1604
606	5	11	0.00	0.00		-1559	-1558	-1605	-1579	606	5	11	0.00	0.00		-1605	-1558	-1560	-1606
606	5	11	0.00	0.00		-1604	-1607	-1601	-1597	606	5	11	0.00	0.00		-1604	-1597	-1577	-1578
606	5	11	0.00	0.00		-1607	-1586	-1595	-1601	606	5	11	0.00	0.00		-1586	-1607	-1606	-1587
606	5	11	0.00	0.00		-1606	-1560	-1561	-1587	606	5	11	0.00	0.00		-1600	-1599	-1603	-1608
606	5	11	0.00	0.00		-1600	-1608	-1609	-1610	606	5	11	0.00	0.00		-1573	-1611	-1612	-1572
606	5	11	0.00	0.00		-1611	-1609	-1608	-1612	606	5	11	0.00	0.00		-1612	-1608	-1603	-1572
606	5	11	0.00	0.00		-1610	-1609	-1613	-1575	606	5	11	0.00	0.00		-1609	-1611	-1614	-1613
606	5	11	0.00	0.00		-1575	-1613	-1614	-1574	606	5	11	0.00	0.00		-1611	-1573	-1574	-1614
606	5	11	0.00	0.00		-1610	-1575	-1576	-1596	606	5	11	0.00	0.00		-1610	-1596	-1598	-1600
606	5	11	0.00	0.00		-1590	-1568	-1569	-1599	606	5	11	0.00	0.00		-1599	-1594	-1591	-1590
606	5	11	0.00	0.00		-1618	-1619	-1616	-1617	606	5	11	0.00	0.00		-1618	-1617	2103	-1547
606	5	11	0.00	0.00		-1619	-1387	2081	-1616	606	5	11	0.00	0.00		-1620	-263	-1387	-1619
606	5	11	0.00	0.00		-1621	-1388	-263	-1620	606	5	11	0.00	0.00		-1621	-1620	-1622	-1546
606	5	11	0.00	0.00		-1622	-1620	-1619	-1618	606	5	11	0.00	0.00		-1622	-1618	-1547	-1546
606	5	11	0.00	0.00		-1621	-1546	-1545	-1623	606	5	11	0.00	0.00		-1621	-1623	-262	-1388
606	5	11	0.00	0.00		-1543	-1624	-1625	-1544	606	5	11	0.00	0.00		-1624	-1626	-1627	-1625
606	5	11	0.00	0.00		-1625	-1627	-1628	-1544	606	5	11	0.00	0.00		-1628	-1623	-1545	-1544
606	5	11	0.00	0.00		-1628	-1389	-262	-1623	606	5	11	0.00	0.00		2080	-1389	-1628	-1627
606	5	11	0.00	0.00		2080	-1627	-1626	-1390	606	5	11	0.00	0.00		-1541	-1629	-1630	-1542
606	5	11	0.00	0.00		-1629	-1631	-1632	-1630	606	5	11	0.00	0.00		-1630	-1632	-1633	-1542
606	5	11	0.00	0.00		-1633	-1624	-1543	-1542	606	5	11	0.00	0.00		-375	-1615	-1634	-1635
606	5	11	0.00	0.00		-1634	-1631	-1629	-1635	606	5	11	0.00	0.00		-1635	-1629	-1541	-375
606	5	11	0.00	0.00		-1626	-1624	-1633	-1636	606	5	11	0.00	0.00		-1626	-1636	2079	-1390
606	5	11	0.00	0.00		2079	-1636	-1637	2078	606	5	11	0.00	0.00		-1636	-1633	-1632	-1637
606	5	11	0.00	0.00		-1637	-1632	-1631	2078	606	5	11	0.00	0.00		-1631	-1634	-1391	2078
606	5	11	0.00	0.00		-1615	2077	-1391	-1634	606	5	11	0.00	0.00		-372	2012	-1541	
606	5	11	0.00	0.00		2012	-375	-1541		606	5	11	0.00	0.00		-279	-1557	-1645	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00	-1551 -378 -1638	606	5	11	0.00	0.00	-1551 -1638 -280 -1639
606	5	11	0.00	0.00	-1552 -1551 -1639 -1640	606	5	11	0.00	0.00	-1553 -1552 -1640 -1641
606	5	11	0.00	0.00	-1555 -1554 -1642 -1643	606	5	11	0.00	0.00	-1556 -1555 -1643 -1644
606	5	11	0.00	0.00	-1557 -1556 -1644 -1645	606	5	11	0.00	0.00	-1554 -1553 -1641 -1642
606	5	11	0.00	0.00	-1551 -380 2015	606	5	11	0.00	0.00	-1551 2015 -378
606	5	11	0.00	0.00	-1092 -1087 -1056 -1055	606	5	11	0.00	0.00	-1092 -1093 -1094 -1087
606	5	11	0.00	0.00	-1093 -1095 -1096 -1094	606	5	11	0.00	0.00	-1094 -1096 -1084 -1087
606	5	11	0.00	0.00	-1096 -1095 -996 -997	606	5	11	0.00	0.00	-1096 -997 -998 -1084
606	5	11	0.00	0.00	-1031 -1097 -1054 -1030	606	5	11	0.00	0.00	-1098 -1097 -1031 -1032
606	5	11	0.00	0.00	-994 -993 -1098 -1032	606	5	11	0.00	0.00	-995 -996 -1095 -1099
606	5	11	0.00	0.00	-995 -1099 -1098 -993	606	5	11	0.00	0.00	-1098 -1099 -1100 -1097
606	5	11	0.00	0.00	-1099 -1095 -1093 -1100	606	5	11	0.00	0.00	-1100 -1093 -1092 -1097
606	5	11	0.00	0.00	-1092 -1055 -1054 -1097	606	5	11	0.00	0.00	2032 -1119 -1120 -1109
606	5	11	0.00	0.00	-1119 2038 -1121 -1120	606	5	11	0.00	0.00	-1120 -1121 -1122 -1109
606	5	11	0.00	0.00	-1122 -1121 -1123 -1124	606	5	11	0.00	0.00	-1121 2038 -1125 -1123
606	5	11	0.00	0.00	-1123 -1125 -1126 -1124	606	5	11	0.00	0.00	-1128 -1124 -1126 -1127
606	5	11	0.00	0.00	-1129 -1124 -1128 -1130	606	5	11	0.00	0.00	-560 2087 -584 -582
606	5	11	0.00	0.00	2087 -561 -585 -584	606	5	11	0.00	0.00	-561 -259 -586 -585
606	5	11	0.00	0.00	-259 -562 -587 -586	606	5	11	0.00	0.00	-562 -256 -588 -587
606	5	11	0.00	0.00	-256 -409 -589 -588	606	5	11	0.00	0.00	-409 2010 -590 -589
606	5	11	0.00	0.00	2010 -406 -591 -590	606	5	11	0.00	0.00	-406 -252 -592 -591
606	5	11	0.00	0.00	-252 -563 -593 -592	606	5	11	0.00	0.00	-563 2056 -594 -593
606	5	11	0.00	0.00	2056 -564 -595 -594	606	5	11	0.00	0.00	-564 2048 -596 -595
606	5	11	0.00	0.00	2048 -565 -597 -596	606	5	11	0.00	0.00	-565 -566 -598 -597
606	5	11	0.00	0.00	-566 -567 -599 -598	606	5	11	0.00	0.00	-567 -568 -600 -599
606	5	11	0.00	0.00	-568 2034 -569 -600	606	5	11	0.00	0.00	-569 -232 -601 -600
606	5	11	0.00	0.00	-232 -570 -602 -601	606	5	11	0.00	0.00	-570 -396 -603 -602
606	5	11	0.00	0.00	-396 2002 -604 -603	606	5	11	0.00	0.00	2002 -399 -605 -604
606	5	11	0.00	0.00	-399 -571 -606 -605	606	5	11	0.00	0.00	-571 2035 -607 -606
606	5	11	0.00	0.00	2035 -572 -608 -607	606	5	11	0.00	0.00	-572 -573 -609 -608
606	5	11	0.00	0.00	-573 -574 -610 -609	606	5	11	0.00	0.00	-574 2036 -326 -610
606	5	11	0.00	0.00	-326 2004 -611 -610	606	5	11	0.00	0.00	2004 -324 -612 -611
606	5	11	0.00	0.00	-613 -612 -324 -234	606	5	11	0.00	0.00	-234 -575 -614 -613
606	5	11	0.00	0.00	-575 2047 -615 -614	606	5	11	0.00	0.00	2047 2049 -616 -615
606	5	11	0.00	0.00	2049 -576 -617 -616	606	5	11	0.00	0.00	-618 -617 -576 -244
606	5	11	0.00	0.00	-619 -618 -244 -577	606	5	11	0.00	0.00	-577 -249 -620 -619
606	5	11	0.00	0.00	-249 -321 -621 -620	606	5	11	0.00	0.00	-622 -621 -321 2009
606	5	11	0.00	0.00	-623 -622 2009 -318	606	5	11	0.00	0.00	-318 2064 -624 -623
606	5	11	0.00	0.00	2064 -258 -625 -624	606	5	11	0.00	0.00	-258 2075 -626 -625
606	5	11	0.00	0.00	-627 -626 2075 -578	606	5	11	0.00	0.00	-578 2089 -628 -627
606	5	11	0.00	0.00	2089 -265 -629 -628	606	5	11	0.00	0.00	-265 2096 -579 -629
606	5	11	0.00	0.00	-579 -266 -630 -629	606	5	11	0.00	0.00	-266 -580 -631 -630
606	5	11	0.00	0.00	-580 2095 -632 -631	606	5	11	0.00	0.00	2095 2094 -633 -632
606	5	11	0.00	0.00	2093 -634 -633 2094	606	5	11	0.00	0.00	2093 -581 -635 -634
606	5	11	0.00	0.00	-581 2092 -583 -635	606	5	11	0.00	0.00	2091 2090 -583 2092
606	5	11	0.00	0.00	-605 -606 -636 -637	606	5	11	0.00	0.00	-605 -637 -603 -604
606	5	11	0.00	0.00	-603 -637 -638 -602	606	5	11	0.00	0.00	-637 -636 -639 -638
606	5	11	0.00	0.00	-638 -639 -640 -602	606	5	11	0.00	0.00	-640 -639 -641 -642
606	5	11	0.00	0.00	-639 -636 -643 -641	606	5	11	0.00	0.00	-642 -641 -643 -644
606	5	11	0.00	0.00	-636 -606 -644 -643	606	5	11	0.00	0.00	-606 -607 -645 -644
606	5	11	0.00	0.00	-607 -608 -646 -645	606	5	11	0.00	0.00	-600 -601 -647 -599
606	5	11	0.00	0.00	-601 -602 -640 -647	606	5	11	0.00	0.00	-647 -640 -642 -599
606	5	11	0.00	0.00	-648 -649 -642 -644	606	5	11	0.00	0.00	-648 -644 -645 -650
606	5	11	0.00	0.00	-649 -598 -599 -642	606	5	11	0.00	0.00	-650 -645 -646 -651
606	5	11	0.00	0.00	-609 -652 -646 -608	606	5	11	0.00	0.00	-610 -611 -653 -609
606	5	11	0.00	0.00	-611 -612 -654 -653	606	5	11	0.00	0.00	-653 -654 -652 -609
606	5	11	0.00	0.00	-656 -652 -654 -655	606	5	11	0.00	0.00	-655 -654 -612 -613
606	5	11	0.00	0.00	-651 -646 -652 -656	606	5	11	0.00	0.00	-656 -655 -657 -658
606	5	11	0.00	0.00	-655 -613 -614 -657	606	5	11	0.00	0.00	-657 -614 -615 -658
606	5	11	0.00	0.00	-615 -616 -659 -658	606	5	11	0.00	0.00	-661 -662 -663 -660
606	5	11	0.00	0.00	-660 -663 -658 -659	606	5	11	0.00	0.00	-662 -650 -651 -663
606	5	11	0.00	0.00	-663 -651 -656 -658	606	5	11	0.00	0.00	-664 -665 -662 -661
606	5	11	0.00	0.00	-666 -665 -664 -667	606	5	11	0.00	0.00	-666 -667 -596 -597
606	5	11	0.00	0.00	-666 -649 -648 -665	606	5	11	0.00	0.00	-597 -598 -649 -666
606	5	11	0.00	0.00	-665 -648 -650 -662	606	5	11	0.00	0.00	-668 -669 -594 -595
606	5	11	0.00	0.00	-670 -669 -668 -671	606	5	11	0.00	0.00	-670 -671 -672 -673
606	5	11	0.00	0.00	-667 -668 -595 -596	606	5	11	0.00	0.00	-667 -664 -674 -668
606	5	11	0.00	0.00	-664 -661 -675 -674	606	5	11	0.00	0.00	-674 -675 -671 -668
606	5	11	0.00	0.00	-675 -661 -660 -676	606	5	11	0.00	0.00	-675 -676 -672 -671
606	5	11	0.00	0.00	-677 -678 -672 -676	606	5	11	0.00	0.00	-677 -676 -660 -659
606	5	11	0.00	0.00	-678 -679 -673 -672	606	5	11	0.00	0.00	-677 -659 -616 -617
606	5	11	0.00	0.00	-677 -617 -618 -678	606	5	11	0.00	0.00	-618 -619 -679 -678
606	5	11	0.00	0.00	-669 -680 -681 -594	606	5	11	0.00	0.00	-680 -682 -683 -681
606	5	11	0.00	0.00	-681 -683 -593 -594	606	5	11	0.00	0.00	-680 -669 -670 -684



# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

606	5	11	0.00	0.00		-682	-680	-684	-685	606	5	11	0.00	0.00		-683	-682	-686	-687
606	5	11	0.00	0.00		-683	-687	-592	-593	606	5	11	0.00	0.00		-682	-685	-688	-686
606	5	11	0.00	0.00		-689	-690	-691	-679	606	5	11	0.00	0.00		-690	-692	-693	-691
606	5	11	0.00	0.00		-691	-693	-673	-679	606	5	11	0.00	0.00		-693	-692	-685	-684
606	5	11	0.00	0.00		-693	-684	-670	-673	606	5	11	0.00	0.00		-679	-619	-620	-689
606	5	11	0.00	0.00		-694	-695	-690	-689	606	5	11	0.00	0.00		-694	-689	-620	-621
606	5	11	0.00	0.00		-692	-690	-695	-696	606	5	11	0.00	0.00		-692	-696	-688	-685
606	5	11	0.00	0.00		-697	-634	-635	-698	606	5	11	0.00	0.00		-698	-699	-700	-697
606	5	11	0.00	0.00		-698	-635	-583	-582	606	5	11	0.00	0.00		-582	-584	-699	-698
606	5	11	0.00	0.00		-632	-702	-701	-631	606	5	11	0.00	0.00		-701	-702	-703	-704
606	5	11	0.00	0.00		-703	-702	-705	-697	606	5	11	0.00	0.00		-702	-632	-633	-705
606	5	11	0.00	0.00		-705	-633	-634	-697	606	5	11	0.00	0.00		-629	-630	-706	-628
606	5	11	0.00	0.00		-630	-631	-701	-706	606	5	11	0.00	0.00		-706	-701	-704	-628
606	5	11	0.00	0.00		-707	-708	-704	-703	606	5	11	0.00	0.00		-707	-703	-697	-700
606	5	11	0.00	0.00		-704	-708	-627	-628	606	5	11	0.00	0.00		-708	-709	-626	-627
606	5	11	0.00	0.00		-709	-710	-625	-626	606	5	11	0.00	0.00		-709	-708	-707	-711
606	5	11	0.00	0.00		-709	-711	-712	-710	606	5	11	0.00	0.00		-713	-714	-715	-716
606	5	11	0.00	0.00		-714	-717	-718	-715	606	5	11	0.00	0.00		-715	-718	-719	-716
606	5	11	0.00	0.00		-719	-712	-711	-716	606	5	11	0.00	0.00		-714	-713	-585	-586
606	5	11	0.00	0.00		-714	-586	-587	-717	606	5	11	0.00	0.00		-700	-716	-711	-707
606	5	11	0.00	0.00		-713	-716	-700	-699	606	5	11	0.00	0.00		-713	-699	-584	-585
606	5	11	0.00	0.00		-694	-621	-622	-720	606	5	11	0.00	0.00		-694	-720	-721	-695
606	5	11	0.00	0.00		-721	-720	-722	-723	606	5	11	0.00	0.00		-720	-622	-623	-722
606	5	11	0.00	0.00		-722	-623	-624	-723	606	5	11	0.00	0.00		-624	-625	-710	-723
606	5	11	0.00	0.00		-712	-724	-723	-710	606	5	11	0.00	0.00		-721	-723	-724	-725
606	5	11	0.00	0.00		-725	-696	-695	-721	606	5	11	0.00	0.00		-725	-724	-726	-727
606	5	11	0.00	0.00		-725	-727	-688	-696	606	5	11	0.00	0.00		-719	-726	-724	-712
606	5	11	0.00	0.00		-726	-719	-718	-728	606	5	11	0.00	0.00		-726	-728	-729	-727
606	5	11	0.00	0.00		-717	-587	-588	-730	606	5	11	0.00	0.00		-717	-730	-728	-718
606	5	11	0.00	0.00		-728	-730	-731	-729	606	5	11	0.00	0.00		-588	-589	-731	-730
606	5	11	0.00	0.00		-731	-589	-590	-729	606	5	11	0.00	0.00		-729	-732	-733	-727
606	5	11	0.00	0.00		-732	-687	-686	-733	606	5	11	0.00	0.00		-733	-686	-688	-727
606	5	11	0.00	0.00		-590	-591	-732	-729	606	5	11	0.00	0.00		-591	-592	-687	-732
606	5	11	0.00	0.00		2089	-578	-751	-749	606	5	11	0.00	0.00		-578	2075	-752	-751
606	5	11	0.00	0.00		2075	-258	-753	-752	606	5	11	0.00	0.00		-258	2064	-734	-753
606	5	11	0.00	0.00		-734	-253	-754	-753	606	5	11	0.00	0.00		-253	-735	-755	-754
606	5	11	0.00	0.00		-735	-254	-756	-755	606	5	11	0.00	0.00		-254	-736	-757	-756
606	5	11	0.00	0.00		-736	2065	-758	-757	606	5	11	0.00	0.00		2065	2066	-759	-758
606	5	11	0.00	0.00		2066	-737	-760	-759	606	5	11	0.00	0.00		-737	2067	-761	-760
606	5	11	0.00	0.00		2067	-342	-762	-761	606	5	11	0.00	0.00		-342	2011	-763	-762
606	5	11	0.00	0.00		2011	-346	-764	-763	606	5	11	0.00	0.00		-346	-738	-765	-764
606	5	11	0.00	0.00		-738	-255	-766	-765	606	5	11	0.00	0.00		-255	-739	-767	-766
606	5	11	0.00	0.00		-739	2068	-768	-767	606	5	11	0.00	0.00		2068	2069	-769	-768
606	5	11	0.00	0.00		2069	2070	-257	-769	606	5	11	0.00	0.00		-257	2074	-770	-769
606	5	11	0.00	0.00		-771	-770	2074	-740	606	5	11	0.00	0.00		-740	2088	-772	-771
606	5	11	0.00	0.00		2088	-264	-773	-772	606	5	11	0.00	0.00		-264	2102	-741	-773
606	5	11	0.00	0.00		-741	-267	-774	-773	606	5	11	0.00	0.00		-742	-775	-774	-267
606	5	11	0.00	0.00		2013	-776	-775	-742	606	5	11	0.00	0.00		2013	-743	-777	-776
606	5	11	0.00	0.00		-743	2101	-778	-777	606	5	11	0.00	0.00		2101	-744	-779	-778
606	5	11	0.00	0.00		-744	-745	-780	-779	606	5	11	0.00	0.00		-745	2100	-781	-780
606	5	11	0.00	0.00		2099	-782	-781	2100	606	5	11	0.00	0.00		2099	2098	-783	-782
606	5	11	0.00	0.00		2098	2097	-784	-783	606	5	11	0.00	0.00		-746	-785	-784	2097
606	5	11	0.00	0.00		-747	-786	-785	-746	606	5	11	0.00	0.00		-748	-750	-786	-747
606	5	11	0.00	0.00		2096	-265	-750	-748	606	5	11	0.00	0.00		-753	-754	-787	-752
606	5	11	0.00	0.00		-754	-755	-788	-787	606	5	11	0.00	0.00		-787	-788	-789	-752
606	5	11	0.00	0.00		-790	-791	-792	-789	606	5	11	0.00	0.00		-765	-766	-793	-794
606	5	11	0.00	0.00		-763	-795	-796	-762	606	5	11	0.00	0.00		-795	-797	-798	-796
606	5	11	0.00	0.00		-762	-796	-798	-799	606	5	11	0.00	0.00		-797	-794	-799	-798
606	5	11	0.00	0.00		-801	-794	-793	-800	606	5	11	0.00	0.00		-802	-799	-794	-801
606	5	11	0.00	0.00		-799	-802	-803	-804	606	5	11	0.00	0.00		-799	-804	-761	-762
606	5	11	0.00	0.00		-805	-806	-807	-808	606	5	11	0.00	0.00		-806	-778	-779	-807
606	5	11	0.00	0.00		-807	-779	-780	-808	606	5	11	0.00	0.00		-806	-805	-809	-810
606	5	11	0.00	0.00		-806	-810	-777	-778	606	5	11	0.00	0.00		-781	-811	-808	-780
606	5	11	0.00	0.00		-802	-801	-805	-808	606	5	11	0.00	0.00		-811	-803	-802	-808
606	5	11	0.00	0.00		-801	-800	-809	-805	606	5	11	0.00	0.00		-770	-812	-813	-769
606	5	11	0.00	0.00		-814	-815	-813	-812	606	5	11	0.00	0.00		-813	-815	-768	-769
606	5	11	0.00	0.00		-814	-812	-816	-817	606	5	11	0.00	0.00		-812	-770	-771	-816
606	5	11	0.00	0.00		-816	-771	-772	-817	606	5	11	0.00	0.00		-773	-774	-818	-772
606	5	11	0.00	0.00		-774	-775	-819	-818	606	5	11	0.00	0.00		-818	-819	-817	-772
606	5	11	0.00	0.00		-820	-821	-815	-814	606	5	11	0.00	0.00		-815	-821	-767	-768
606	5	11	0.00	0.00		-800	-793	-821	-820	606	5	11	0.00	0.00		-821	-793	-766	-767
606	5	11	0.00	0.00		-820	-814	-817	-822	606	5	11	0.00	0.00		-820	-822	-809	-800
606	5	11	0.00	0.00		-810	-809	-822	-823	606	5	11	0.00	0.00		-810	-823	-776	-777
606	5	11	0.00	0.00		-823	-822	-817	-819	607	5	11	0.00	0.00		3038	-319	-1947	





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

607	5	11	0.00	0.00		-319	3009	-1948	-1949	607	5	11	0.00	0.00		3009	-322	-1950	-1948	
607	5	11	0.00	0.00		-322	-305	-1951	-1950	607	5	11	0.00	0.00			-305	-1928	-1952	-1951
607	5	11	0.00	0.00		-1928	-303	-1953	-1952	607	5	11	0.00	0.00			-303	-1929	-1954	-1953
607	5	11	0.00	0.00		-1929	3030	-1930	-1954	607	5	11	0.00	0.00			-1930	3031	-1955	-1954
607	5	11	0.00	0.00		3031	-295	-1956	-1955	607	5	11	0.00	0.00			-295	3032	-1957	-1956
607	5	11	0.00	0.00		3032	-296	-1958	-1957	607	5	11	0.00	0.00			-296	-297	-1959	-1958
607	5	11	0.00	0.00		-297	-1931	-1960	-1959	607	5	11	0.00	0.00			-1931	-317	-1961	-1960
607	5	11	0.00	0.00		-317	3007	-1962	-1961	607	5	11	0.00	0.00			3007	-311	-1963	-1962
607	5	11	0.00	0.00		-311	-1932	-1964	-1963	607	5	11	0.00	0.00			-1964	-1932	-298	-1965
607	5	11	0.00	0.00		-1965	-298	-1933	-1966	607	5	11	0.00	0.00			-1933	-299	-1967	-1966
607	5	11	0.00	0.00		-299	-1934	-1968	-1967	607	5	11	0.00	0.00			-1934	3033	-1935	-1968
607	5	11	0.00	0.00		-1935	-301	-1969	-1968	607	5	11	0.00	0.00			-301	-1936	-1970	-1969
607	5	11	0.00	0.00		-1936	3008	-1971	-1970	607	5	11	0.00	0.00			3008	-1937	-1972	-1971
607	5	11	0.00	0.00		-1937	3034	-1973	-1972	607	5	11	0.00	0.00			3034	-1974	-1975	-1973
607	5	11	0.00	0.00		-1974	3034	-1938	-1976	607	5	11	0.00	0.00			-1938	-306	-1977	-1976
607	5	11	0.00	0.00		-306	-1939	-1978	-1977	607	5	11	0.00	0.00			-1939	3035	3036	-1978
607	5	11	0.00	0.00		-1979	-1978	3036	-1940	607	5	11	0.00	0.00			-1940	-1941	-1980	-1979
607	5	11	0.00	0.00		3043	-1980	-1941	3044	607	5	11	0.00	0.00			3043	3042	-1981	-1980
607	5	11	0.00	0.00		3042	-1942	-1982	-1981	607	5	11	0.00	0.00			-1942	-309	-1983	-1982
607	5	11	0.00	0.00		-309	-1943	-1984	-1983	607	5	11	0.00	0.00			-1943	3011	-1985	-1984
607	5	11	0.00	0.00		-343	-1986	-1985	3011	607	5	11	0.00	0.00			3041	-1987	-1986	-343
607	5	11	0.00	0.00		-1944	-1988	-1987	3041	607	5	11	0.00	0.00			3040	-1989	-1988	-1944
607	5	11	0.00	0.00		3040	3039	-1990	-1989	607	5	11	0.00	0.00			3039	-1945	-1991	-1990
607	5	11	0.00	0.00		-1945	-308	-1992	-1991	607	5	11	0.00	0.00			-308	-1946	-1993	-1992
607	5	11	0.00	0.00		-1946	-307	-1994	-1993	607	5	11	0.00	0.00			-307	-1947	-1995	-1994
607	5	11	0.00	0.00		-1947	-319	-1949	-1995	607	5	11	0.00	0.00			-1996	-1997	-1973	-1975
607	5	11	0.00	0.00		-1996	-1975	-1974	-1998	607	5	11	0.00	0.00			-1997	-1999	-1972	-1973
607	5	11	0.00	0.00		-1999	-2000	-1971	-1972	607	5	11	0.00	0.00			-1998	-1983	-1984	-1996
607	5	11	0.00	0.00		-2001	-1976	-1977	-2002	607	5	11	0.00	0.00			-2001	-2002	-1981	-1982
607	5	11	0.00	0.00		-2002	-1977	-1978	-1979	607	5	11	0.00	0.00			-2002	-1979	-1980	-1981
607	5	11	0.00	0.00		-2001	-1982	-1983	-1998	607	5	11	0.00	0.00			-2001	-1998	-1974	-1976
607	5	11	0.00	0.00		-2005	-2006	-2003	-2004	607	5	11	0.00	0.00			-2003	-2006	-2007	-2008
607	5	11	0.00	0.00		-2006	-2005	-2009	-2010	607	5	11	0.00	0.00			-2006	-2010	-2011	-2007
607	5	11	0.00	0.00		-2003	-2008	-2000	-1999	607	5	11	0.00	0.00			-2003	-1999	-1997	-2004
607	5	11	0.00	0.00		-2013	-2005	-2004	-2012	607	5	11	0.00	0.00			-2005	-2013	-2014	-2009
607	5	11	0.00	0.00		-2004	-1997	-1996	-2012	607	5	11	0.00	0.00			-2013	-2012	-1985	-1986
607	5	11	0.00	0.00		-1987	-2014	-2013	-1986	607	5	11	0.00	0.00			-1985	-2012	-1996	-1984
607	5	11	0.00	0.00		-1988	-1989	-2015	-2016	607	5	11	0.00	0.00			-1988	-2016	-2014	-1987
607	5	11	0.00	0.00		-2015	-2017	-2018	-2016	607	5	11	0.00	0.00			-2016	-2018	-2009	-2014
607	5	11	0.00	0.00		-2019	-2020	-2021	-2022	607	5	11	0.00	0.00			-2019	-2022	-2018	-2017
607	5	11	0.00	0.00		-2022	-2021	-2011	-2010	607	5	11	0.00	0.00			-2022	-2010	-2009	-2018
607	5	11	0.00	0.00		-1991	-2023	-2024	-1990	607	5	11	0.00	0.00			-1990	-2024	-2015	-1989
607	5	11	0.00	0.00		-2024	-2023	-2025	-2026	607	5	11	0.00	0.00			-2024	-2026	-2017	-2015
607	5	11	0.00	0.00		-2026	-2025	-2027	-2028	607	5	11	0.00	0.00			-2026	-2028	-2019	-2017
607	5	11	0.00	0.00		-2028	-2027	-2029	-2030	607	5	11	0.00	0.00			-2028	-2030	-2020	-2019
607	5	11	0.00	0.00		-1992	-2031	-2023	-1991	607	5	11	0.00	0.00			-1949	-1948	-2032	-2033
607	5	11	0.00	0.00		-1949	-2033	-1994	-1995	607	5	11	0.00	0.00			-1994	-2033	-2034	-1993
607	5	11	0.00	0.00		-2033	-2032	-2035	-2034	607	5	11	0.00	0.00			-2034	-2035	-2036	-1993
607	5	11	0.00	0.00		-2036	-2031	-1992	-1993	607	5	11	0.00	0.00			-2031	-2037	-2025	-2023
607	5	11	0.00	0.00		-2031	-2036	-2038	-2037	607	5	11	0.00	0.00			-2037	-2038	-2039	-2025
607	5	11	0.00	0.00		-2038	-2036	-2035	-2040	607	5	11	0.00	0.00			-2038	-2040	-2041	-2039
607	5	11	0.00	0.00		-2041	-2040	-2042	-1950	607	5	11	0.00	0.00			-2040	-2035	-2032	-2042
607	5	11	0.00	0.00		-2042	-2032	-1948	-1950	607	5	11	0.00	0.00			-2043	-2029	-2027	-2044
607	5	11	0.00	0.00		-2043	-2044	-2045	-2046	607	5	11	0.00	0.00			-1951	-1952	-2046	-2045
607	5	11	0.00	0.00		-2041	-2045	-2044	-2039	607	5	11	0.00	0.00			-2039	-2044	-2027	-2025
607	5	11	0.00	0.00		-2041	-1950	-1951	-2045	607	5	11	0.00	0.00			-2047	-2048	-2049	-2050
607	5	11	0.00	0.00		-2049	-1960	-1961	-2050	607	5	11	0.00	0.00			-2050	-1961	-1962	-1963
607	5	11	0.00	0.00		-2050	-1963	-1964	-2047	607	5	11	0.00	0.00			-1960	-2049	-2051	-2052
607	5	11	0.00	0.00		-2049	-2048	-2053	-2051	607	5	11	0.00	0.00			-2052	-2051	-2053	-2054
607	5	11	0.00	0.00		-2048	-2047	-2054	-2053	607	5	11	0.00	0.00			-2047	-1964	-1965	-2055
607	5	11	0.00	0.00		-2047	-2055	-2056	-2054	607	5	11	0.00	0.00			-2057	-1959	-1960	-2052
607	5	11	0.00	0.00		-1967	-1968	-1969	-2058	607	5	11	0.00	0.00			-2059	-1966	-1967	-2058
607	5	11	0.00	0.00		-2059	-2055	-1965	-1966	607	5	11	0.00	0.00			-2060	-2058	-1969	-1970
607	5	11	0.00	0.00		-2059	-2058	-2060	-2061	607	5	11	0.00	0.00			-2059	-2061	-2056	-2055
607	5	11	0.00	0.00		-2008	-2061	-2060	-2000	607	5	11	0.00	0.00			-2062	-2054	-2056	-2063
607	5	11	0.00	0.00		-2062	-2063	-2011	-2021	607	5	11	0.00	0.00			-2008	-2007	-2064	-2061
607	5	11	0.00	0.00		-2007	-2011	-2063	-2064	607	5	11	0.00	0.00			-2064	-2063	-2056	-2061
607	5	11	0.00	0.00		-2060	-1970	-1971	-2000	607	5	11	0.00	0.00			-2062	-2021	-2020	-2065
607	5	11	0.00	0.00		-2062	-2065	-2052	-2054	607	5	11	0.00	0.00			-2065	-2020	-2030	-2066
607	5	11	0.00	0.00		-2065	-2066	-2057	-2052	607	5	11	0.00	0.00			-1954	-1955	-2067	-1953
607	5	11	0.00	0.00		-1955	-1956	-2068	-2067	607	5	11	0.00	0.00			-2067	-2068	-2069	-1953
607	5	11	0.00	0.00		-2068	-1956	-1957	-2070	607	5	11	0.00	0.00			-2068	-2070	-2071	-2069
607	5	11	0.00	0.00		-2070	-1957	-1958	-2072	607	5	11	0.00	0.00			-2070	-2072	-2	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

607	5	11	0.00	0.00		-2029	-2043	-2071	-2073	607	5	11	0.00	0.00		-2029	-2073	-2066	-2030
607	5	11	0.00	0.00		-2069	-2071	-2043	-2046	607	5	11	0.00	0.00		-2069	-2046	-1952	-1953
607	5	11	0.00	0.00		3029	-2074	-2087	-2088	607	5	11	0.00	0.00		-2074	-293	-2089	-2087
607	5	11	0.00	0.00		-293	-325	-2090	-2089	607	5	11	0.00	0.00		-325	3004	-2091	-2090
607	5	11	0.00	0.00		3004	-327	-2092	-2091	607	5	11	0.00	0.00		-327	3023	-2093	-2092
607	5	11	0.00	0.00		3023	-2075	-2094	-2093	607	5	11	0.00	0.00		-2075	3015	-2076	-2094
607	5	11	0.00	0.00		-2076	3016	-2095	-2094	607	5	11	0.00	0.00		3016	-2077	-2096	-2095
607	5	11	0.00	0.00		-2077	3017	-2097	-2096	607	5	11	0.00	0.00		3017	-2078	-2098	-2097
607	5	11	0.00	0.00		-2078	3018	-2099	-2098	607	5	11	0.00	0.00		3018	-2079	-2100	-2099
607	5	11	0.00	0.00		-2079	3019	-2101	-2100	607	5	11	0.00	0.00		-2101	3019	-2080	-2102
607	5	11	0.00	0.00		-2080	3020	-2103	-2102	607	5	11	0.00	0.00		3020	-2081	-2104	-2103
607	5	11	0.00	0.00		-2081	3021	-2105	-2104	607	5	11	0.00	0.00		3021	-2082	-2106	-2105
607	5	11	0.00	0.00		-2082	3022	-2083	-2106	607	5	11	0.00	0.00		-2083	-331	-2107	-2106
607	5	11	0.00	0.00		-331	3003	-2108	-2107	607	5	11	0.00	0.00		3003	-334	-2109	-2108
607	5	11	0.00	0.00		-334	-2084	-2110	-2109	607	5	11	0.00	0.00		-2084	3024	-2111	-2110
607	5	11	0.00	0.00		3024	-2085	-2112	-2111	607	5	11	0.00	0.00		-2085	-2086	-2113	-2112
607	5	11	0.00	0.00		-2086	3033	-1934	-2113	607	5	11	0.00	0.00		-1934	-299	-2114	-2113
607	5	11	0.00	0.00		-1933	-2115	-2114	-299	607	5	11	0.00	0.00		-1933	-298	-2116	-2115
607	5	11	0.00	0.00		-298	-1932	-2117	-2116	607	5	11	0.00	0.00		-1932	-311	-2118	-2117
607	5	11	0.00	0.00		-311	3007	-2119	-2118	607	5	11	0.00	0.00		3007	-317	-2120	-2119
607	5	11	0.00	0.00		-317	-1931	-2121	-2120	607	5	11	0.00	0.00		-1931	-297	-2122	-2121
607	5	11	0.00	0.00		-297	-296	-2123	-2122	607	5	11	0.00	0.00		3032	-2124	-2123	-296
607	5	11	0.00	0.00		-295	-2125	-2124	3032	607	5	11	0.00	0.00		-295	3031	-2126	-2125
607	5	11	0.00	0.00		-1930	-2088	-2126	3031	607	5	11	0.00	0.00		3030	3029	-2088	-1930
607	5	11	0.00	0.00		-2118	-2119	-2120	-2127	607	5	11	0.00	0.00		-2118	-2127	-2128	-2117
607	5	11	0.00	0.00		-2129	-2130	-2131	-2121	607	5	11	0.00	0.00		-2130	-2128	-2127	-2131
607	5	11	0.00	0.00		-2131	-2127	-2120	-2121	607	5	11	0.00	0.00		-2132	-2133	-2134	-2135
607	5	11	0.00	0.00		-2133	-2128	-2130	-2134	607	5	11	0.00	0.00		-2134	-2130	-2129	-2135
607	5	11	0.00	0.00		-2117	-2128	-2136	-2116	607	5	11	0.00	0.00		-2128	-2133	-2137	-2136
607	5	11	0.00	0.00		-2116	-2136	-2137	-2138	607	5	11	0.00	0.00		-2133	-2132	-2138	-2137
607	5	11	0.00	0.00		-2129	-2121	-2122	-2139	607	5	11	0.00	0.00		-2129	-2139	-2140	-2135
607	5	11	0.00	0.00		-2139	-2122	-2123	-2141	607	5	11	0.00	0.00		-2139	-2141	-2142	-2140
607	5	11	0.00	0.00		-2143	-2144	-2138	-2132	607	5	11	0.00	0.00		-2143	-2132	-2135	-2145
607	5	11	0.00	0.00		-2146	-2145	-2135	-2140	607	5	11	0.00	0.00		-2146	-2140	-2142	-2147
607	5	11	0.00	0.00		-2148	-2149	-2142	-2141	607	5	11	0.00	0.00		-2124	-2148	-2141	-2123
607	5	11	0.00	0.00		-2149	-2150	-2147	-2142	607	5	11	0.00	0.00		-2112	-2113	-2114	-2151
607	5	11	0.00	0.00		-2112	-2151	-2152	-2111	607	5	11	0.00	0.00		-2151	-2114	-2115	-2153
607	5	11	0.00	0.00		-2151	-2153	-2154	-2152	607	5	11	0.00	0.00		-2116	-2138	-2153	-2115
607	5	11	0.00	0.00		-2153	-2138	-2144	-2154	607	5	11	0.00	0.00		-2107	-2108	-2109	-2155
607	5	11	0.00	0.00		-2107	-2155	-2156	-2106	607	5	11	0.00	0.00		-2157	-2158	-2159	-2110
607	5	11	0.00	0.00		-2158	-2156	-2155	-2159	607	5	11	0.00	0.00		-2159	-2155	-2109	-2110
607	5	11	0.00	0.00		-2106	-2156	-2160	-2105	607	5	11	0.00	0.00		-2156	-2158	-2161	-2160
607	5	11	0.00	0.00		-2105	-2160	-2161	-2162	607	5	11	0.00	0.00		-2158	-2157	-2162	-2161
607	5	11	0.00	0.00		-2157	-2110	-2111	-2152	607	5	11	0.00	0.00		-2157	-2152	-2154	-2162
607	5	11	0.00	0.00		-2103	-2104	-2163	-2164	607	5	11	0.00	0.00		-2103	-2164	-2165	-2102
607	5	11	0.00	0.00		-2104	-2105	-2162	-2163	607	5	11	0.00	0.00		-2143	-2166	-2167	-2144
607	5	11	0.00	0.00		-2166	-2165	-2164	-2167	607	5	11	0.00	0.00		-2167	-2164	-2163	-2144
607	5	11	0.00	0.00		-2163	-2162	-2154	-2144	607	5	11	0.00	0.00		-2169	-2098	-2099	-2168
607	5	11	0.00	0.00		-2098	-2169	-2170	-2097	607	5	11	0.00	0.00		-2169	-2168	-2146	-2147
607	5	11	0.00	0.00		-2169	-2147	-2150	-2170	607	5	11	0.00	0.00		-2168	-2171	-2145	-2146
607	5	11	0.00	0.00		-2099	-2100	-2172	-2168	607	5	11	0.00	0.00		-2100	-2101	-2173	-2172
607	5	11	0.00	0.00		-2172	-2173	-2171	-2168	607	5	11	0.00	0.00		-2165	-2166	-2171	-2173
607	5	11	0.00	0.00		-2165	-2173	-2101	-2102	607	5	11	0.00	0.00		-2166	-2143	-2145	-2171
607	5	11	0.00	0.00		-2093	-2174	-2175	-2092	607	5	11	0.00	0.00		-2174	-2176	-2177	-2175
607	5	11	0.00	0.00		-2175	-2177	-2178	-2092	607	5	11	0.00	0.00		-2177	-2176	-2179	-2180
607	5	11	0.00	0.00		-2177	-2180	-2181	-2178	607	5	11	0.00	0.00		-2176	-2182	-2095	-2179
607	5	11	0.00	0.00		-2176	-2174	-2183	-2182	607	5	11	0.00	0.00		-2095	-2182	-2183	-2094
607	5	11	0.00	0.00		-2174	-2093	-2094	-2183	607	5	11	0.00	0.00		-2181	-2180	-2184	-2150
607	5	11	0.00	0.00		-2180	-2179	-2185	-2184	607	5	11	0.00	0.00		-2184	-2185	-2170	-2150
607	5	11	0.00	0.00		-2185	-2179	-2095	-2096	607	5	11	0.00	0.00		-2185	-2096	-2097	-2170
607	5	11	0.00	0.00		-2186	-2181	-2150	-2149	607	5	11	0.00	0.00		-2186	-2187	-2188	-2181
607	5	11	0.00	0.00		-2187	-2189	-2190	-2188	607	5	11	0.00	0.00		-2188	-2190	-2178	-2181
607	5	11	0.00	0.00		-2190	-2189	-2090	-2091	607	5	11	0.00	0.00		-2190	-2091	-2092	-2178
607	5	11	0.00	0.00		-2125	-2191	-2148	-2124	607	5	11	0.00	0.00		-2192	-2191	-2125	-2126
607	5	11	0.00	0.00		-2088	-2087	-2192	-2126	607	5	11	0.00	0.00		-2089	-2090	-2189	-2193
607	5	11	0.00	0.00		-2089	-2193	-2192	-2087	607	5	11	0.00	0.00		-2192	-2193	-2194	-2191
607	5	11	0.00	0.00		-2193	-2189	-2187	-2194	607	5	11	0.00	0.00		-2194	-2187	-2186	-2191
607	5	11	0.00	0.00		-2186	-2149	-2148	-2191	607	5	11	0.00	0.00		-1937	3008	-2200	-2201
607	5	11	0.00	0.00		3008	-1936	-2202	-2200	607	5	11	0.00	0.00		-1936	-301	-2203	-2202
607	5	11	0.00	0.00		-301	-1935	-2204	-2203	607	5	11	0.00	0.00		-1935	3033	-2195	-2204
607	5	11	0.00	0.00		-2195	-2196	-2205	-2204	607	5	11	0.00	0.00		-2196	-2197	-2206	-2205
607	5	11	0.00	0.00		-2197	-340	-2198	-2206	607	5	11	0.00	0.00		-2198	-304	-2207	-2206
607	5	11	0.00	0.00		-304	-2199	-2208	-2207	607	5	11	0.00	0.00		-2199	3035	-1939	-2208
607	5	11	0.00	0.00		-306	-2209	-2208	-1939	607	5	11	0.00	0.00		-306	-1938	-2201	-2209



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

607	5	11	0.00	0.00		3034	-1937	-2201	-1938	607	5	11	0.00	0.00		-2200	-2202	-2210	-2211
607	5	11	0.00	0.00		-2202	-2203	-2212	-2210	607	5	11	0.00	0.00		-2211	-2210	-2212	-2205
607	5	11	0.00	0.00		-2203	-2204	-2205	-2212	607	5	11	0.00	0.00		-2207	-2213	-2214	-2206
607	5	11	0.00	0.00		-2213	-2215	-2216	-2214	607	5	11	0.00	0.00		-2206	-2214	-2216	-2205
607	5	11	0.00	0.00		-2215	-2211	-2205	-2216	607	5	11	0.00	0.00		-2209	-2217	-2218	-2208
607	5	11	0.00	0.00		-2217	-2215	-2213	-2218	607	5	11	0.00	0.00		-2218	-2213	-2207	-2208
607	5	11	0.00	0.00		-2200	-2211	-2219	-2201	607	5	11	0.00	0.00		-2211	-2215	-2217	-2219
607	5	11	0.00	0.00		-2219	-2217	-2209	-2201	607	5	11	0.00	0.00		-2223	-337	-2197	
607	5	11	0.00	0.00		-2086	-2085	-2224	-2225	607	5	11	0.00	0.00		-2085	3024	3025	-2224
607	5	11	0.00	0.00		3025	-2220	-2226	-2224	607	5	11	0.00	0.00		-2220	3026	-2227	-2226
607	5	11	0.00	0.00		3026	3027	-2221	-2227	607	5	11	0.00	0.00		-2221	-294	-2228	-2227
607	5	11	0.00	0.00		-294	-2222	-2229	-2228	607	5	11	0.00	0.00		-2222	-300	-2230	-2229
607	5	11	0.00	0.00		-300	-2223	-2197	-2230	607	5	11	0.00	0.00		-2197	-2196	-2231	-2230
607	5	11	0.00	0.00		-2196	-2195	-2225	-2231	607	5	11	0.00	0.00		3033	-2086	-2225	-2195
607	5	11	0.00	0.00		-2224	-2226	-2232	-2225	607	5	11	0.00	0.00		-2226	-2227	-2228	-2232
607	5	11	0.00	0.00		-2232	-2228	-2229	-2225	607	5	11	0.00	0.00		-2229	-2230	-2231	-2225
607	5	11	0.00	0.00		-2197	-337	-340											

## Elenco tipi solai

### Simbologia

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

Ts	Comm.	Rc	Qps <daN/mq>	Qpn <daN/mq>	QA <daN/mq>	QA2 <daN/mq>	QA3 <daN/mq>	Rip. ter.	Rip. int.	Lfl <m>	s
1	PRIMO SOLAIO	UN	300.00	180.00	300.00	0.00	0.00	50.00	50.00	0.00	0.33
2	SECONDO SOLAIO RESIDENZA	UN	250.00	180.00	200.00	0.00	0.00	50.00	50.00	0.00	0.33
3	SECONDO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33
4	TERZO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33

## Elenco solai

### Simbologia

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

Sol.	Ts	Ord. <grad>	Nodi
0	2	0.00	2039 2040 2041 2042 -235 -241 -336 -243 -339 -247 2058 -857 -251 -856 2057 -855 2008 -854 -242 -853 2052 -992 -991
100	1	0.00	1012 -371 1102 1105 1107 1120 -211 1123 -213 -214 -215 1124 1125 1126 -212 -377 1015 -379 -208 -204 1101 -189 1079 -183 -182 1078 1077 1076 1075 -374
101	1	0.00	1134 1136 -225 -349 1018 -347 -229 1137 1138 -230 1139 1140 1141 1142 -228 -226 -224 -222 1135 1126 1125 1124 -215 -214 -213 1123
102	1	90.00	1126 -216 1127 1128 1129 1130 1131 -359 1016 -363 -217 -218 -219 1132 -220 1133 -221 -223 -365 1017 -369 -227 1154 -231 1153 1152 1151 1150 1149 1148 -355 1019 -353 1147 1146 1145 1144 1143 1142 -228 -226 -224 -222 1135
103	1	0.00	1104 -205 -210 1121 1132 -220 1133 1122 1108 -206 -202 -199 1091 -192 1090 1089 -198
104	1	90.00	-202 -206 1108 1109 1110 1014 -207 -203 -200 1094 -193 1093 1092 1091 -199
105	1	90.00	-203 -207 1014 1111 1112 1113 1114 1115 1116 1117 1118 1119 -209 1106 1103 -201 1099 -196 1098 1097 1096 1095 -195 -194 1094 -200
106	1	90.00	-178 1073 1087 -191 1094 -194 -195 1095 1096 1097 1098 -196 1099 1013 -197 1100 -190 1086 1072 -177 1068 1067 1066 -173 -345 1011 -344 1065 -172 1064 1063 -171 -170 1062
107	1	90.00	1048 1049 -146 1050 -147 -148 -315 1007 -312 -149 -150 1051 -151 -152 -338 -156 -341 -161 1056 1059 -169 1068 1067 1066 -173 -345 1011 -344 1065 -172 1064 1063 -171 -170 1062 -320 1009 -323 -163 -157
108	1	90.00	1020 -122 1021 1022 1023 1024 1025 1026 -123 1027 -332 1003 -335 1038 1039 1040 1041 -143 -152 -151 1051 -150 -149 -312 1007 -315 -148 -147 1050 -146 1049 1048 1046 -141 -328 1004 -329 1036
109	1	0.00	1034 -135 -395 1002 -398 1035 -136 -137 1036 -329 1004 -328 -141 1046 1048 -157 -163 -323 1009 -320 1062 -178 1073 1087 -191 1094 -193 1093 1092 1091 -192 1090 1089 1088 1085 -179 -176 -408 1010 -405 -166 1054 -155 1047 -142 -140
110	1	0.00	1031 -131 -132 1032 -133 -134 1033 1034 -140 -142 1047 -155 1054 -166 -405 1010 -408 -176 -179 1085



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

			1084 -188 -187 1083 -389 1082 -419 -181 1071 -175 -168 1058 -162 1053 -153 -144 1042 -426 -139 -424
111	1	0.00	1030 -127 -128 -129 -130 1031 -424 -139 -426 1042 -144 -153 1053 -162 1058 -168 -175 1071 -181 -419 1082 -391 1081 -186 -185 -184 1080 1079 -180 1070 -174 -167 1057 -158 -154 1045 1043 1005
112	1	0.00	1028 -124 -125 -416 1001 -418 -126 1029 1030 1005 1043 1045 -154 -158 1057 -167 -174 1070 -180 1079 -183 -182 1078 1077 1076 1075 1074 1069 1061 1060 -164 -159 1052 -145 1044 -385 1006 -383 -138
200	2	90.00	-258 2075 -578 2089 -265 2096 -748 -747 -746 2097 2098 2099 2100 -745 -744 2101 -743 2013 -742 -267 -741 2102 -264 2088 -740 2074 -257 2070 2069 2068 -739 -255 -738 -346 2011 -342 2067 -737 2066 2065 -736 -254 -735 -253 -734 2064
201	2	90.00	2049 -848 2050 -236 2051 -237 -238 -849 -316 2007 -310 -850 -239 -851 -240 -852 2052 -853 -242 -854 2008 -855 2057 -856 -251 -857 2058 2061 -858 -859 2070 2069 2068 -739 -255 -738 -346 2011 -342 2067 -737 2066 2065 -736 -254 -735 -253 -734 2064 -318 2009 -321 -249 -577 -244 -576
202	2	90.00	2020 -982 2021 -983 2022 -984 2023 -985 2024 -986 2025 -987 2026 -988 2027 -989 -330 2003 -333 -990 2039 -991 -992 2052 -852 -240 -851 -239 -850 -310 2007 -316 -849 -238 -237 2051 -236 2050 -848 2049 2047 -575 -234 -324 2004 -326 2036 -981
203	3	90.00	2136 -1850 2138 -1849 -289 -1848 -350 2018 -348 -1904 -291 -1903 2139 2140 -1907 -1906 2141 2142 -1905 2143 2144 -1666 2145 2146 -1665 2147 -1664 2148 -1663 2149 -1662 -354 2019 -356 -1766 2150 -1765 2151 2152 -1764 2153 2154 -1763 2155 -1762 -292 -1838 2156 -1837 -290 -1836 -370 2017 -366 -1843 -288 -1842 -287 -1841 2135 -471 -472 2134 -1755 -286 -1754 -285 -1753 -284 -1752 -364 2016 -360 -1655 2133 -1654 2132 2131 -1653 2130 2129 -1652 2128 2127 2126 -1854 -283 -1853 -282 -1852 -281 -1851 2125
204	3	0.00	2012 -372 -1540 2104 -1539 2107 2109 -1538 2122 -279 -1645 -1644 -1643 -1642 -1641 -1640 -1639 -280 -1638 -378 2015 -380 -1550 -277 -1549 -274 -1548 2103 -1617 -1616 2081 -1387 -263 -1388 -262 -1389 2080 -1390 2079 2078 -1391 2077 -1615 -375
205	3	0.00	2028 -1516 -1517 -1518 -1519 2001 -1520 -1521 2029 2030 -1238 2005 -1237 2044 2046 -1236 2053 -1235 -245 -1234 2059 -1233 -1232 -1231 2072 -260 2081 -1387 -263 -1388 -262 -1389 2080 -1390 2079 2078 -1391 2077 2076 -1372 2071 2063 -1373 2062 -1374 -250 -1375 -246 -1376 2054 -1377 -1378 2045 -1379 -386 2006 -384 -1514 -233 -1515
206	3	0.00	2030 -1239 -1240 -1241 -1242 -1243 -1244 2031 -425 2037 -427 2043 -1106 -1105 -1104 2055 -248 2060 -1103 -1102 -1101 2073 -261 -420 2084 -392 -1245 2083 -1246 -1247 -1248 -1249 2082 2081 -260 2072 -1231 -1232 -1233 2059 -1234 -245 -1235 2053 -1236 2046 2044 -1237 2005 -1238
207	3	0.00	2031 -1107 -1108 -1109 2032 -1110 -1111 -1112 2033 2034 -568 -567 -566 -565 2048 -564 2056 -563 -252 -406 2010 -409 -256 -562 -259 -561 2087 -1113 2086 -1114 -1115 -1116 -1117 2085 -1118 -390 2084 -420 -261 2073 -1101 -1102 -1103 2060 -248 2055 -1104 -1105 -1106 2043 -427 2037 -425
208	3	0.00	2034 -569 -232 -570 -396 2002 -399 -571 2035 -572 -573 -574 2036 -326 2004 -324 -234 -575 2047 2049 -576 -244 -577 -249 -321 2009 -318 2064 -258 2075 -578 2089 -265 2096 -579 -266 -580 2095 2094 2093 -581 2092 2091 2090 -560 2087 -561 -259 -562 -256 -409 2010 -406 -252 -563 2056 -564 2048 -565 -566 -567 -568
209	3	0.00	-270 -495 -496 -497 -498 -499 -500 -501 -502 -271 2105 2108 -278 2121 -503 2120 -504 2119 2118 -505 2117 2116 -506 2115 2114 -507 2113 2014 -438 -276 -437 -273 -436
210	3	0.00	-269 -433 -434 -435 -270 -436 -273 -437 -276 -438 2014 -439 2112 -440 2111 -441 2110 -430 -275 -431 -272 -432
211	3	0.00	-268 -468 -469 -269 -432 -272 -431 -275 -430 2110 -470 2124 2135 -471 -472 2134 2123 -464 -465 -466 2106 -467
300	4	90.00	3015 -2076 3016 -2077 3017 -2078 3018 -2079 3019 -2080 3020 -2081 3021 -2082 3022 -2083 -331 3003 -334 -2084 3024 -2085 -2086 3033 -1934 -299 -1933 -298 -1932 -311 3007 -317 -1931 -297 -296 3032 -295 3031 -1930 3030 3029 -2074 -293 -325 3004 -327 3023 -2075
301	4	90.00	3012 3013 3022 -2082 3021 -2081 3020 -2080 3019 -2079 3018 -2078 3017 -2077 3016 -2076 3015
302	4	0.00	3014 3015 -2075 3023 -327 3004 -325 -293 -2074 3029 3030 -1929 -303 -1928 -305 -322 3009 -319 3038 3037
303	4	90.00	3046 3047 3044 3043 3042 -1942 -309 -1943 3011 -343 3041 -1944 3040 3039 -1945 -308 -1946 -307 -1947 3038
304	4	90.00	3030 -1930 3031 -295 3032 -296 -297 -1931 -317 3007 -311 -1932 -298 -1933 -299 -1934 3033 -1935 -301 -1936 3008 -1937 3034 -1938 -306 -1939 3035 3036 -1940 -1941 3044 3043 3042 -1942 -309 -1943 3011 -343 3041 -1944 3040 3039 -1945 -308 -1946 -307 -1947 3038 -319 3009 -322 -305 -1928 -303 -1929
305	4	0.00	3024 3025 -2220 3026 3027 -2221 -294 -2222 -300 -2223 -337 -302 -340 -2198 -304 -2199 3035 -1939 -306 -1938 3034 -1937 3008 -1936 -301 -1935 3033 -2086 -2085
306	4	0.00	3027 3028 3045 3044 -1941 -1940 3036 3035 -2199 -304 -2198 -340 -302 -337 -2223 -300 -2222 -294 -2221

## Carichi

### Elenco tipi CCE

#### Simbologia

$\gamma_{max}$	=Coeff. $\gamma_{max}$
$\gamma_{min.}$	=Coeff. $\gamma_{min.}$
$\psi_0$	=Coeff. $\psi_0$
$\psi_{0,s}$	=Coeff. $\psi_0$ sismico (D.M. 96)
$\psi_1$	=Coeff. $\psi_1$
$\psi_2$	=Coeff. $\psi_2$
Comm.	=Commento
Durata	=Durata del carico
	P = Permanente
	L = Lunga
	M = Media



Tipo = Tipologia  
G = Permanente  
Qv = Variabile vento  
Q = Variabile

Tipo CCE = Tipo condizione di carico elementare

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min}$	$\gamma_{max}$	$\Psi_0$	$\Psi_1$	$\Psi_2$	$\Psi_{0,s}$
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				
5	D.M. 18 Variabili Categoria C - Ambienti suscettibili di affollamento	Q	M	0.00	1.50	0.70	0.70	0.60	0.00
12	D.M. 18 Variabili Neve (a quota $\leq 1000$ m s.l.m.)	Q	M	0.00	1.50	0.50	0.20	0.00	0.00

## 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	1	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
2	Permanenti Non Strutturali	2	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
3	Variabili	5	S	A	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
4	Variabili Neve	12	S	A	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00

## Elenco carichi aste

### Condizione di carico n. 1: Permanenti Strutturali

#### Elenco peso proprio aste

### Simbologia

A = Area

Comm. = Commento

Mat. = Materiale

P = Peso specifico

PL = Peso specifico a metro lineare

Sez. = Numero della sezione

Sez.	Comm.	A <cmq>	Mat.	P <daN/mc>	PL <daN/m>
1	SETTO 25x150	3750.000000	Calcestruzzo classe C28/35	2500.00	937.50
3	SETTO 25x100	2500.000000	Calcestruzzo classe C28/35	2500.00	625.00
4	Fondazione Esistente	2500.000000	Calcestruzzo classe C25/30	2500.00	625.00

### Condizione di carico n. 1: Permanenti Strutturali

#### Carichi distribuiti

### Simbologia

Asta = Numero dell'asta

DC = Direzione del carico

XG, YG, ZG = secondo gli assi globali

XL, YL, ZL = secondo gli assi locali

E = Elemento provenienza del carico

S = Solaio

T = Tamponatura

N1 = Nodo iniziale



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

N2 =Nodo finale  
NE =Numero elemento di provenienza del carico  
Qf =Carico finale  
Qi =Carico iniziale  
T =Tipo di carico  
QA = Primo carico accidentale  
QA2 = Secondo carico accidentale  
QA3 = Terzo carico accidentale  
QPS = Carico permanente strutturale  
QPN = Carico permanente non strutturale  
VE = Vento  
M = Manuale  
Xf =Distanza finale  
Xi =Distanza iniziale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-138	1028	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	1006	-383	S	112	QPS	ZG	0.00	1065.00	0.03	1065.00
0	1044	-385	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	-1515	2028	S	205	QPS	ZG	0.00	887.50	0.53	887.50
0	-1514	-233	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	1052	-145	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	-386	2006	S	205	QPS	ZG	0.00	887.50	0.03	887.50
0	2045	-1379	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	-1377	-1378	S	205	QPS	ZG	0.00	887.50	0.87	887.50
0	2054	-1377	S	205	QPS	ZG	0.00	887.50	0.87	887.50
0	-164	-159	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	1060	-164	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	-1376	2054	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	-1374	-250	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	1030	1005	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	1005	1043	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	-1375	-246	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	2062	-1374	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	1043	1045	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	2030	-1238	S	206	QPS	ZG	0.00	850.00	0.57	850.00
0	-1238	2005	S	206	QPS	ZG	0.00	850.00	0.57	850.00
0	2005	-1237	S	205	QPS	ZG	0.00	887.50	0.57	887.50
0	-1237	2044	S	205	QPS	ZG	0.00	887.50	0.57	887.50
0	2063	-1373	S	205	QPS	ZG	0.00	887.50	0.72	887.50
0	2044	2046	S	206	QPS	ZG	0.00	850.00	0.85	850.00
0	-1372	2071	S	205	QPS	ZG	0.00	887.50	0.72	887.50
0	1045	-154	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	-1236	2053	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	-154	-158	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	2046	-1236	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	2053	-1235	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	-374	1075	S	100	QPS	ZG	0.00	1065.00	1.14	1065.00
0	2076	-1372	S	205	QPS	ZG	0.00	887.50	0.72	887.50
0	-1235	-245	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	-158	1057	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	-245	-1234	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	1012	-374	S	100	QPS	ZG	0.00	1065.00	0.04	1065.00
0	1031	-424	S	110	QPS	ZG	0.00	1020.00	0.42	1020.00
0	1102	-371	S	100	QPS	ZG	0.00	1065.00	1.14	1065.00
0	2012	-375	S	204	QPS	ZG	0.00	887.50	0.04	887.50
0	-1234	2059	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	2031	-425	S	207	QPS	ZG	0.00	850.00	0.42	850.00
0	-372	2012	S	204	QPS	ZG	0.00	887.50	0.04	887.50
0	-424	-139	S	110	QPS	ZG	0.00	1020.00	0.62	1020.00
0	-425	2037	S	206	QPS	ZG	0.00	850.00	0.62	850.00
0	2104	-1540	S	204	QPS	ZG	0.00	887.50	0.57	887.50
0	1057	-167	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	-139	-426	S	111	QPS	ZG	0.00	1020.00	0.68	1020.00
0	-426	1042	S	110	QPS	ZG	0.00	1020.00	0.47	1020.00
0	-167	-174	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	2059	-1233	S	205	QPS	ZG	0.00	887.50	0.91	887.50
0	2037	-427	S	206	QPS	ZG	0.00	850.00	0.68	850.00
0	-1233	-1232	S	205	QPS	ZG	0.00	887.50	0.91	887.50
0	1042	-144	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-427	2043	S	206	QPS	ZG	0.00	850.00	0.47	850.00
0	1107	1105	S	100	QPS	ZG	0.00	1065.00	0.90	1065.00
0	2107	-1539	S	204	QPS	ZG	0.00	887.50	0.75	887.50
0	2043	-1106	S	207	QPS	ZG	0.00	850.00	0.88	850.00

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-383	-138	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	-385	1006	S	112	QPS	ZG	0.00	1065.00	0.03	1065.00
0	-145	1044	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	-233	-1515	S	205	QPS	ZG	0.00	887.50	0.53	887.50
0	2006	-384	S	205	QPS	ZG	0.00	887.50	0.03	887.50
0	-384	-1514	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	-1379	-386	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	-1378	2045	S	205	QPS	ZG	0.00	887.50	0.87	887.50
0	-159	1052	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	1029	1030	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	2029	2030	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	1061	1060	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	-246	-1376	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	1030	1005	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	1005	1043	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	1069	1061	S	112	QPS	ZG	0.00	1065.00	0.95	1065.00
0	-250	-1375	S	205	QPS	ZG	0.00	887.50	0.52	887.50
0	1043	1045	S	111	QPS	ZG	0.00	1020.00	0.85	1020.00
0	2030	-1238	S	205	QPS	ZG	0.00	887.50	0.57	887.50
0	-1238	2005	S	205	QPS	ZG	0.00	887.50	0.57	887.50
0	-1373	2062	S	205	QPS	ZG	0.00	887.50	0.72	887.50
0	2005	-1237	S	206	QPS	ZG	0.00	850.00	0.57	850.00
0	-1237	2044	S	206	QPS	ZG	0.00	850.00	0.57	850.00
0	2044	2046	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	1074	1069	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	1045	-154	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	-1236	2053	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	1075	1074	S	112	QPS	ZG	0.00	1065.00	0.75	1065.00
0	-154	-158	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	2046	-1236	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	2053	-1235	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	2071	2063	S	205	QPS	ZG	0.00	887.50	0.95	887.50
0	2077	2076	S	205	QPS	ZG	0.00	887.50	0.75	887.50
0	-1235	-245	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	-158	1057	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	-245	-1234	S	206	QPS	ZG	0.00	850.00	0.70	850.00
0	-371	1012	S	100	QPS	ZG	0.00	1065.00	0.04	1065.00
0	1031	-424	S	111	QPS	ZG	0.00	1020.00	0.42	1020.00
0	-375	-1615	S	204	QPS	ZG	0.00	887.50	0.57	887.50
0	-1234	2059	S	205	QPS	ZG	0.00	887.50	0.70	887.50
0	2031	-425	S	206	QPS	ZG	0.00	850.00	0.42	850.00
0	-1615	2077	S	204	QPS	ZG	0.00	887.50	0.57	887.50
0	-1540	-372	S	204	QPS	ZG	0.00	887.50	0.57	887.50
0	-424	-139	S	111	QPS	ZG	0.00	1020.00	0.62	1020.00
0	-425	2037	S	207	QPS	ZG	0.00	850.00	0.62	850.00
0	1057	-167	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-139	-426	S	110	QPS	ZG	0.00	1020.00	0.68	1020.00
0	1105	1102	S	100	QPS	ZG	0.00	1065.00	1.50	1065.00
0	-426	1042	S	111	QPS	ZG	0.00	1020.00	0.47	1020.00
0	-167	-174	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	2059	-1233	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	2037	-427	S	207	QPS	ZG	0.00	850.00	0.68	850.00
0	-1233	-1232	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	1042	-144	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-427	2043	S	207	QPS	ZG	0.00	850.00	0.47	850.00
0	-1539	2104	S	204	QPS	ZG	0.00	887.50	0.75	887.50
0	2043	-1106	S	206	QPS	ZG	0.00	850.00	0.88	850.00
0	2109	2107	S	204	QPS	ZG	0.00	887.50	0.90	887.50



# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-174	1070	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00	0	-174	1070	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	-1232	-1231	S	205	QPS	ZG	0.00	887.50	0.91	887.50	0	-1232	-1231	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	-144	-153	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00	0	-144	-153	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-1106	-1105	S	206	QPS	ZG	0.00	850.00	0.88	850.00	0	-1106	-1105	S	207	QPS	ZG	0.00	850.00	0.88	850.00
0	1120	1107	S	100	QPS	ZG	0.00	1065.00	1.50	1065.00	0	-1538	2109	S	204	QPS	ZG	0.00	887.50	0.75	887.50
0	1070	-180	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00	0	1070	-180	S	112	QPS	ZG	0.00	1065.00	0.82	1065.00
0	-153	1053	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00	0	-153	1053	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-180	1079	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00	0	-180	1079	S	112	QPS	ZG	0.00	1065.00	0.82	1065.00
0	-1231	2072	S	205	QPS	ZG	0.00	887.50	0.91	887.50	0	-1231	2072	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	-1105	-1104	S	206	QPS	ZG	0.00	850.00	0.88	850.00	0	-1105	-1104	S	207	QPS	ZG	0.00	850.00	0.88	850.00
0	-211	1120	S	100	QPS	ZG	0.00	1065.00	1.00	1065.00	0	-279	2122	S	204	QPS	ZG	0.00	887.50	1.00	887.50
0	2072	-260	S	205	QPS	ZG	0.00	887.50	0.82	887.50	0	2072	-260	S	206	QPS	ZG	0.00	850.00	0.82	850.00
0	-260	2081	S	205	QPS	ZG	0.00	887.50	0.82	887.50	0	-260	2081	S	206	QPS	ZG	0.00	850.00	0.82	850.00
0	1123	-211	S	100	QPS	ZG	0.00	1065.00	0.10	1065.00	0	2122	-1538	S	204	QPS	ZG	0.00	887.50	0.75	887.50
0	-1104	2055	S	206	QPS	ZG	0.00	850.00	0.88	850.00	0	-1104	2055	S	207	QPS	ZG	0.00	850.00	0.88	850.00
0	1053	-162	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00	0	1053	-162	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	2055	-248	S	206	QPS	ZG	0.00	850.00	0.82	850.00	0	2055	-248	S	207	QPS	ZG	0.00	850.00	0.82	850.00
0	1134	1123	S	101	QPS	ZG	0.00	1065.00	0.25	1065.00	0	1079	-189	S	100	QPS	ZG	0.00	1065.00	1.15	1065.00
0	2081	-1616	S	204	QPS	ZG	0.00	887.50	0.77	887.50	0	-162	1058	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00
0	-162	1058	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00	0	1136	1134	S	101	QPS	ZG	0.00	1065.00	1.45	1065.00
0	-568	-567	S	207	QPS	ZG	0.00	850.00	0.83	850.00	0	-568	-567	S	208	QPS	ZG	0.00	806.25	0.83	806.25
0	-349	-225	S	101	QPS	ZG	0.00	1065.00	1.23	1065.00	0	-1851	2125	S	203	QPS	ZG	0.00	837.50	0.64	837.50
0	-248	2060	S	206	QPS	ZG	0.00	850.00	0.82	850.00	0	-248	2060	S	207	QPS	ZG	0.00	850.00	0.82	850.00
0	-1616	-1617	S	204	QPS	ZG	0.00	887.50	0.77	887.50	0	-281	-1851	S	203	QPS	ZG	0.00	837.50	0.64	837.50
0	1034	-140	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	1034	-140	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00
0	2034	-568	S	207	QPS	ZG	0.00	850.00	0.83	850.00	0	2034	-568	S	208	QPS	ZG	0.00	806.25	0.83	806.25
0	-225	1136	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00	0	-189	1101	S	100	QPS	ZG	0.00	1065.00	1.15	1065.00
0	-1852	-281	S	203	QPS	ZG	0.00	837.50	0.64	837.50	0	-1617	2103	S	204	QPS	ZG	0.00	887.50	0.77	887.50
0	1058	-168	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00	0	1058	-168	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	2060	-1103	S	206	QPS	ZG	0.00	850.00	0.91	850.00	0	2060	-1103	S	207	QPS	ZG	0.00	850.00	0.91	850.00
0	1101	-204	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00	0	2103	-1548	S	204	QPS	ZG	0.00	887.50	0.63	887.50
0	-140	-142	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	-140	-142	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00
0	-282	-1852	S	203	QPS	ZG	0.00	837.50	0.64	837.50	0	-283	-1853	S	203	QPS	ZG	0.00	837.50	0.64	837.50
0	-274	-1549	S	204	QPS	ZG	0.00	887.50	0.63	887.50	0	-142	1047	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	-142	1047	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00	0	-1103	-1102	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	-1103	-1102	S	207	QPS	ZG	0.00	850.00	0.91	850.00	0	-567	-566	S	207	QPS	ZG	0.00	850.00	0.83	850.00
0	-567	-566	S	208	QPS	ZG	0.00	806.25	0.83	806.25	0	-1853	-282	S	203	QPS	ZG	0.00	837.50	0.64	837.50
0	-1548	-274	S	204	QPS	ZG	0.00	887.50	0.63	887.50	0	1071	-181	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00
0	1071	-181	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00	0	-168	-175	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-168	-175	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00	0	-1102	-1101	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	-1102	-1101	S	207	QPS	ZG	0.00	850.00	0.91	850.00	0	-566	-565	S	207	QPS	ZG	0.00	850.00	0.83	850.00
0	-566	-565	S	208	QPS	ZG	0.00	806.25	0.83	806.25	0	-204	-208	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00
0	-1854	-283	S	203	QPS	ZG	0.00	837.50	0.64	837.50	0	1018	-349	S	101	QPS	ZG	0.00	1065.00	0.02	1065.00
0	-347	1018	S	101	QPS	ZG	0.00	1065.00	0.02	1065.00	0	-175	1071	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-175	1071	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00	0	-565	2048	S	207	QPS	ZG	0.00	850.00	0.83	850.00
0	-565	2048	S	208	QPS	ZG	0.00	806.25	0.83	806.25	0	-1101	2073	S	206	QPS	ZG	0.00	850.00	0.91	850.00
0	-1101	2073	S	207	QPS	ZG	0.00	850.00	0.91	850.00	0	-229	-347	S	101	QPS	ZG	0.00	1065.00	1.23	1065.00
0	-208	-379	S	100	QPS	ZG	0.00	1065.00	1.23	1065.00	0	2126	-1854	S	203	QPS	ZG	0.00	837.50	0.64	837.50
0	1047	-155	S	109	QPS	ZG	0.00	967.50	0.90	967.50	0	1047	-155	S	110	QPS	ZG	0.00	1020.00	0.90	1020.00
0	2048	-564	S	207	QPS	ZG	0.00	850.00	0.90	850.00	0	2048	-564	S	208	QPS	ZG	0.00	806.25	0.90	806.25
0	2073	-261	S	206	QPS	ZG	0.00	850.00	0.82	850.00	0	2073	-261	S	207	QPS	ZG	0.00	850.00	0.82	850.00
0	-379	1015	S	100	QPS	ZG	0.00	1065.00	0.03	1065.00	0	1015	-377	S	100	QPS	ZG	0.00	1065.00	0.03	1065.00
0	-277	-1550	S	204	QPS	ZG	0.00	887.50	0.62	887.50	0	-380	2015	S	204	QPS	ZG	0.00	887.50	0.03	887.50
0	3015	-2076	S	300	QPS	ZG	0.00	887.50	0.90	887.50	0	3015	-2076	S	301	QPS	ZG	0.00	375.00	0.90	375.00
0	-377	-212	S	100	QPS	ZG	0.00	1065.00	1.13	1065.00	0	-1549	-277	S	204	QPS	ZG	0.00	887.50	0.63	887.50
0	2015	-378	S	204	QPS	ZG	0.00	887.50	0.03	887.50	0	1137	-229	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00
0	-181	-419	S	110	QPS	ZG	0.00	1020.00	0.76	1020.00	0	-181	-419	S	111	QPS	ZG	0.00	1020.00	0.76	1020.00
0	2020	-982	S	202	QPS	ZG	0.00	687.50	0.90	687.50	0	-212	1126	S	100	QPS	ZG	0.00	1065.00	0.10	1065.00
0	1126	-216	S	102	QPS	ZG	0.00	1005.00	0.78	1005.00	0	-1550	-380	S	204	QPS	ZG	0.00	887.50	0.62	887.50
0	2127	2126	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	-155	1054	S	109	QPS	ZG	0.00	967.50	0.90	967.50
0	-155	1054	S	110	QPS	ZG	0.00	1020.00	0.90	1020.00	0	1020	-122	S	108	QPS	ZG	0.00	825.00	0.90	825.00
0	-419	1082	S	110	QPS	ZG	0.00	1020.00	0.06	1020.00	0	-419	1082	S	111	QPS	ZG	0.00	1020.00	0.06	1020.00
0	-261	-420	S	206	QPS	ZG	0.00	850.00	0.76	850.00	0	-261	-420	S	207	QPS	ZG	0.00	850.00	0.76	850.00
0	-378	-1638	S	204	QPS	ZG	0.00	887.50	0.57	887.50	0	-564	2056	S	207	QPS	ZG	0.00	850.00	0.90	850.00
0	-564	2056	S	208	QPS	ZG	0.00	806.25	0.90	806.25	0	-420	2084	S	206	QPS	ZG	0.00	850.00	0.06	850.00
0	-420	2084	S	207	QPS	ZG	0.00	850.00	0.06	850.00	0	2128	2127	S	203	QPS	ZG	0.00	837.50	1.00	837.50
0	-1638</																				





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	1135	-222	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	0	1054	-166	S	109	QPS	ZG	0.00	967.50	1.34	967.50		
0	1054	-166	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	0	-252	-406	S	207	QPS	ZG	0.00	850.00	0.67	850.00		
0	-252	-406	S	208	QPS	ZG	0.00	806.25	0.67	806.25	0	0	2022	-984	S	202	QPS	ZG	0.00	687.50	0.72	687.50	
0	1049	-146	S	107	QPS	ZG	0.00	825.00	0.76	825.00	0	0	1049	-146	S	108	QPS	ZG	0.00	825.00	0.76	825.00	
0	3023	-2075	S	302	QPS	ZG	0.00	375.00	0.68	375.00	0	0	-327	3023	S	302	QPS	ZG	0.00	375.00	0.54	375.00	
0	-1907	2140	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	0	-216	1127	S	102	QPS	ZG	0.00	1005.00	0.78	1005.00	
0	2128	-1652	S	203	QPS	ZG	0.00	837.50	0.78	837.50	0	0	-166	-405	S	109	QPS	ZG	0.00	967.50	0.67	967.50	
0	-166	-405	S	110	QPS	ZG	0.00	1020.00	0.67	1020.00	0	0	-141	-328	S	109	QPS	ZG	0.00	967.50	0.54	967.50	
0	1022	1023	S	108	QPS	ZG	0.00	825.00	1.45	825.00	0	0	1046	-141	S	109	QPS	ZG	0.00	967.50	1.08	967.50	
0	2004	-326	S	208	QPS	ZG	0.00	806.25	0.54	806.25	0	0	-324	2004	S	208	QPS	ZG	0.00	806.25	0.54	806.25	
0	2047	-575	S	208	QPS	ZG	0.00	806.25	0.54	806.25	0	0	1023	1024	S	108	QPS	ZG	0.00	825.00	1.20	825.00	
0	-983	2022	S	202	QPS	ZG	0.00	687.50	0.57	687.50	0	0	1048	1049	S	107	QPS	ZG	0.00	825.00	1.15	825.00	
0	1048	1049	S	108	QPS	ZG	0.00	825.00	1.15	825.00	0	0	-234	-324	S	208	QPS	ZG	0.00	806.25	0.54	806.25	
0	-2076	3016	S	300	QPS	ZG	0.00	687.50	0.90	687.50	0	0	-2076	3016	S	301	QPS	ZG	0.00	375.00	0.90	375.00	
0	3016	-2077	S	300	QPS	ZG	0.00	687.50	0.57	687.50	0	0	3016	-2077	S	301	QPS	ZG	0.00	375.00	0.57	375.00	
0	-2077	3017	S	300	QPS	ZG	0.00	687.50	0.57	687.50	0	0	-2077	3017	S	301	QPS	ZG	0.00	375.00	0.57	375.00	
0	-405	1010	S	109	QPS	ZG	0.00	967.50	0.67	967.50	0	0	-405	1010	S	110	QPS	ZG	0.00	1020.00	0.67	1020.00	
0	-575	-234	S	208	QPS	ZG	0.00	806.25	0.54	806.25	0	0	-325	3004	S	302	QPS	ZG	0.00	375.00	0.54	375.00	
0	1127	1128	S	102	QPS	ZG	0.00	1005.00	0.90	1005.00	0	0	-222	-224	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	
0	-1652	2129	S	203	QPS	ZG	0.00	837.50	0.78	837.50	0	0	2129	2130	S	203	QPS	ZG	0.00	837.50	0.90	837.50	
0	3017	-2078	S	300	QPS	ZG	0.00	687.50	0.72	687.50	0	0	3017	-2078	S	301	QPS	ZG	0.00	375.00	0.72	375.00	
0	-1906	-1907	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	0	0	1010	-408	S	109	QPS	ZG	0.00	967.50	0.67	967.50
0	1010	-408	S	110	QPS	ZG	0.00	1020.00	0.67	1020.00	0	0	-408	-176	S	109	QPS	ZG	0.00	967.50	0.67	967.50	
0	-408	-176	S	110	QPS	ZG	0.00	1020.00	0.67	1020.00	0	0	-406	2010	S	207	QPS	ZG	0.00	850.00	0.67	850.00	
0	-406	2010	S	208	QPS	ZG	0.00	806.25	0.67	806.25	0	0	-2074	-293	S	302	QPS	ZG	0.00	375.00	0.54	375.00	
0	2010	-409	S	207	QPS	ZG	0.00	850.00	0.67	850.00	0	0	2010	-409	S	208	QPS	ZG	0.00	806.25	0.67	806.25	
0	-984	2023	S	202	QPS	ZG	0.00	687.50	0.72	687.50	0	0	3029	-2074	S	302	QPS	ZG	0.00	375.00	0.54	375.00	
0	2023	-985	S	202	QPS	ZG	0.00	687.50	0.60	687.50	0	0	-224	-226	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	
0	-176	-179	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	0	-176	-179	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	
0	-2078	3018	S	300	QPS	ZG	0.00	687.50	0.72	687.50	0	0	-2078	3018	S	301	QPS	ZG	0.00	375.00	0.72	375.00	
0	1129	1130	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00	0	0	2130	-1653	S	203	QPS	ZG	0.00	837.50	0.72	837.50	
0	2141	-1906	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	0	1128	1129	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	
0	-409	-256	S	207	QPS	ZG	0.00	850.00	0.67	850.00	0	0	-409	-256	S	208	QPS	ZG	0.00	806.25	0.67	806.25	
0	-1653	2131	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	0	1048	1046	S	109	QPS	ZG	0.00	967.50	0.90	967.50	
0	-256	-562	S	207	QPS	ZG	0.00	850.00	0.67	850.00	0	0	-256	-562	S	208	QPS	ZG	0.00	806.25	0.67	806.25	
0	-985	2024	S	202	QPS	ZG	0.00	687.50	0.60	687.50	0	0	2024	-986	S	202	QPS	ZG	0.00	687.50	0.72	687.50	
0	-157	1048	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	0	3018	-2079	S	300	QPS	ZG	0.00	687.50	0.60	687.50	
0	3018	-2079	S	301	QPS	ZG	0.00	375.00	0.60	375.00	0	0	3030	3029	S	302	QPS	ZG	0.00	375.00	0.90	375.00	
0	-2079	3019	S	300	QPS	ZG	0.00	687.50	0.60	687.50	0	0	-2079	3019	S	301	QPS	ZG	0.00	375.00	0.60	375.00	
0	2142	2141	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	0	2131	2132	S	203	QPS	ZG	0.00	837.50	0.95	837.50	
0	-179	1085	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	0	-179	1085	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	
0	-163	-157	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	0	1050	-147	S	107	QPS	ZG	0.00	825.00	0.70	825.00	
0	1050	-147	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	0	-323	-163	S	109	QPS	ZG	0.00	967.50	0.69	967.50	
0	2049	2047	S	208	QPS	ZG	0.00	806.25	0.90	806.25	0	0	2049	-848	S	201	QPS	ZG	0.00	687.50	0.57	687.50	
0	2049	-848	S	202	QPS	ZG	0.00	687.50	0.57	687.50	0	0	-576	2049	S	208	QPS	ZG	0.00	806.25	0.69	806.25	
0	-226	-228	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	0	0	-1905	2142	S	203	QPS	ZG	0.00	837.50	0.72	837.50	
0	1024	1025	S	108	QPS	ZG	0.00	825.00	1.45	825.00	0	0	-848	2050	S	201	QPS	ZG	0.00	687.50	0.57	687.50	
0	-848	2050	S	202	QPS	ZG	0.00	687.50	0.57	687.50	0	0	3004	-327	S	302	QPS	ZG	0.00	375.00	0.54	375.00	
0	-244	-576	S	208	QPS	ZG	0.00	806.25	0.69	806.25	0	0	-249	-577	S	208	QPS	ZG	0.00	806.25	0.69	806.25	
0	3030	-1930	S	300	QPS	ZG	0.00	687.50	0.57	687.50	0	0	3030	-1930	S	304	QPS	ZG	0.00	687.50	0.57	687.50	
0	-1929	3030	S	302	QPS	ZG	0.00	375.00	0.69	375.00	0	0	-562	-259	S	207	QPS	ZG	0.00	850.00	0.67	850.00	
0	-562	-259	S	208	QPS	ZG	0.00	806.25	0.67	806.25	0	0	2132	-1654	S	203	QPS	ZG	0.00	837.50	0.72	837.50	
0	-259	-561	S	207	QPS	ZG	0.00	850.00	0.67	850.00	0	0	-259	-561	S	208	QPS	ZG	0.00	806.25	0.67	806.25	
0	-986	2025	S	202	QPS	ZG	0.00	687.50	0.72	687.50	0	0	-561	2087	S	207	QPS	ZG	0.00	850.00	0.67	850.00	
0	-561	2087	S	208	QPS	ZG	0.00	806.25	0.67	806.25	0	0	-236	2051	S	201	QPS	ZG	0.00	687.50	0.76	687.50	
0	-236	2051	S	202	QPS	ZG	0.00	687.50	0.76	687.50	0	0	-303	-1929	S	302	QPS	ZG	0.00	375.00	0.69	375.00	
0	1130	1131	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	0	2143	-1905	S	203	QPS	ZG	0.00	837.50	0.72	837.50	
0	2050	-236	S	201	QPS	ZG	0.00	687.50	0.76	687.50	0	0	2050	-236	S	202	QPS	ZG	0.00	687.50	0.76	687.50	
0	-1654	2133	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	0	1025	1026	S	108	QPS	ZG	0.00	825.00	1.20	825.00	
0	2025	-987	S	202	QPS	ZG	0.00	687.50	0.60	687.50	0	0	-146	1050	S	107	QPS	ZG	0.00	825.00	0.76	825.00	
0	-146	1050	S	108	QPS	ZG	0.00	825.00	0.76	825.00	0	0	3019	-2080	S	300	QPS	ZG	0.00	687.50	0.72	687.50	
0	3019	-2080	S	301	QPS	ZG	0.00	375.00	0.72	375.00	0	0	-577	-244	S	208	QPS	ZG	0.00	806.25	0.69	806.25	
0	-228	1142	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	0	0	-2081	3021	S	300	QPS	ZG	0.00	687.50	0.60	687.50	
0	-2081	3021	S	301	QPS	ZG	0.00	375.00	0.60	375.00	0	0	2051	-237	S	201	QPS	ZG	0.00	687.50</			



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	1143	1142	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	-359	1016	S	102	QPS	ZG	0.00	1005.00	0.03	1005.00
0	2145	-1666	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	-147	-148	S	107	QPS	ZG	0.00	825.00	0.70	825.00
0	-147	-148	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	-237	-238	S	201	QPS	ZG	0.00	687.50	0.70	687.50
0	-237	-238	S	202	QPS	ZG	0.00	687.50	0.70	687.50	0	2009	-321	S	208	QPS	ZG	0.00	806.25	0.69	806.25
0	1088	1089	S	109	QPS	ZG	0.00	967.50	0.61	967.50	0	-363	-217	S	102	QPS	ZG	0.00	1005.00	1.43	1005.00
0	-364	-1752	S	203	QPS	ZG	0.00	837.50	0.71	837.50	0	-123	1027	S	108	QPS	ZG	0.00	825.00	0.88	825.00
0	1089	-198	S	103	QPS	ZG	0.00	375.00	0.10	375.00	0	2087	-560	S	208	QPS	ZG	0.00	806.25	0.72	806.25
0	-320	1009	S	109	QPS	ZG	0.00	967.50	0.69	967.50	0	-315	1007	S	107	QPS	ZG	0.00	825.00	0.05	825.00
0	-315	1007	S	108	QPS	ZG	0.00	825.00	0.05	825.00	0	3020	-2081	S	300	QPS	ZG	0.00	687.50	0.60	687.50
0	3020	-2081	S	301	QPS	ZG	0.00	375.00	0.60	375.00	0	3021	-2082	S	300	QPS	ZG	0.00	687.50	0.88	687.50
0	3021	-2082	S	301	QPS	ZG	0.00	375.00	0.88	375.00	0	1009	-323	S	109	QPS	ZG	0.00	967.50	0.69	967.50
0	-238	-849	S	201	QPS	ZG	0.00	687.50	0.68	687.50	0	-238	-849	S	202	QPS	ZG	0.00	687.50	0.68	687.50
0	-295	3032	S	300	QPS	ZG	0.00	687.50	0.76	687.50	0	-295	3032	S	304	QPS	ZG	0.00	687.50	0.76	687.50
0	2016	-364	S	203	QPS	ZG	0.00	837.50	0.03	837.50	0	1144	1143	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00
0	-318	2009	S	208	QPS	ZG	0.00	806.25	0.69	806.25	0	2064	-318	S	208	QPS	ZG	0.00	806.25	0.69	806.25
0	3009	-322	S	302	QPS	ZG	0.00	375.00	0.69	375.00	0	-149	-150	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-149	-150	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	-316	2007	S	201	QPS	ZG	0.00	687.50	0.05	687.50
0	-316	2007	S	202	QPS	ZG	0.00	687.50	0.05	687.50	0	2007	-310	S	201	QPS	ZG	0.00	687.50	0.05	687.50
0	2007	-310	S	202	QPS	ZG	0.00	687.50	0.05	687.50	0	-170	1062	S	106	QPS	ZG	0.00	757.50	1.27	757.50
0	-170	1062	S	107	QPS	ZG	0.00	825.00	1.27	825.00	0	-1930	3031	S	300	QPS	ZG	0.00	687.50	0.57	687.50
0	-1930	3031	S	304	QPS	ZG	0.00	687.50	0.57	687.50	0	-1928	-303	S	302	QPS	ZG	0.00	375.00	0.69	375.00
0	-360	2016	S	203	QPS	ZG	0.00	837.50	0.03	837.50	0	-296	-297	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	-296	-297	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	-2082	3022	S	300	QPS	ZG	0.00	687.50	0.57	687.50
0	-2082	3022	S	301	QPS	ZG	0.00	375.00	0.88	375.00	0	-2082	3022	S	300	QPS	ZG	0.78	466.67	0.88	356.25
0	-2082	3022	S	300	QPS	ZG	0.68	577.08	0.78	466.67	0	-2082	3022	S	300	QPS	ZG	0.57	687.50	0.68	577.08
0	2146	2145	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	-148	-315	S	107	QPS	ZG	0.00	825.00	1.35	825.00
0	-148	-315	S	108	QPS	ZG	0.00	825.00	1.35	825.00	0	-198	1104	S	103	QPS	ZG	0.00	375.00	1.20	375.00
0	-319	3009	S	302	QPS	ZG	0.00	375.00	0.69	375.00	0	-849	-316	S	201	QPS	ZG	0.00	687.50	0.68	687.50
0	-849	-316	S	202	QPS	ZG	0.00	687.50	0.68	687.50	0	1145	1144	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	-253	-734	S	200	QPS	ZG	0.00	631.25	0.63	631.25	0	-253	-734	S	201	QPS	ZG	0.00	687.50	0.63	687.50
0	-205	-210	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	2090	2091	S	208	QPS	ZG	0.00	806.25	0.61	806.25
0	-268	-467	S	211	QPS	ZG	0.00	312.50	0.60	312.50	0	-467	2106	S	211	QPS	ZG	0.00	312.50	0.60	312.50
0	1062	-320	S	109	QPS	ZG	0.00	967.50	0.69	967.50	0	-284	-1753	S	203	QPS	ZG	0.00	837.50	0.73	837.50
0	1007	-312	S	107	QPS	ZG	0.00	825.00	0.05	825.00	0	1007	-312	S	108	QPS	ZG	0.00	825.00	0.05	825.00
0	-171	-170	S	106	QPS	ZG	0.00	757.50	1.27	757.50	0	-171	-170	S	107	QPS	ZG	0.00	825.00	1.27	825.00
0	3032	-296	S	300	QPS	ZG	0.00	687.50	0.70	687.50	0	3032	-296	S	304	QPS	ZG	0.00	687.50	0.70	687.50
0	-988	2027	S	202	QPS	ZG	0.00	687.50	0.57	687.50	0	-988	2027	S	202	QPS	ZG	0.78	466.67	0.88	356.25
0	-988	2027	S	202	QPS	ZG	0.68	577.08	0.78	466.67	0	-988	2027	S	202	QPS	ZG	0.57	687.50	0.68	577.08
0	-1752	-284	S	203	QPS	ZG	0.00	837.50	0.71	837.50	0	3038	-319	S	302	QPS	ZG	0.00	375.00	0.69	375.00
0	1104	-205	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	1039	1040	S	108	QPS	ZG	0.00	397.50	1.20	397.50
0	-1931	-317	S	300	QPS	ZG	0.00	687.50	0.68	687.50	0	-1931	-317	S	304	QPS	ZG	0.00	687.50	0.68	687.50
0	-1665	2146	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	3007	-311	S	300	QPS	ZG	0.00	687.50	0.05	687.50
0	3007	-311	S	304	QPS	ZG	0.00	687.50	0.05	687.50	0	-217	-218	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00
0	1038	1039	S	108	QPS	ZG	0.00	397.50	0.47	397.50	0	-312	-149	S	107	QPS	ZG	0.00	825.00	1.35	825.00
0	-312	-149	S	108	QPS	ZG	0.00	825.00	1.35	825.00	0	-2080	3020	S	300	QPS	ZG	0.00	687.50	0.72	687.50
0	-2080	3020	S	301	QPS	ZG	0.00	375.00	0.72	375.00	0	-310	-850	S	201	QPS	ZG	0.00	687.50	0.68	687.50
0	-310	-850	S	202	QPS	ZG	0.00	687.50	0.68	687.50	0	-1932	-298	S	300	QPS	ZG	0.00	687.50	0.68	687.50
0	-1932	-298	S	304	QPS	ZG	0.00	687.50	0.68	687.50	0	-199	-202	S	103	QPS	ZG	0.00	375.00	1.17	375.00
0	2106	-466	S	211	QPS	ZG	0.00	312.50	0.79	312.50	0	2147	-1665	S	203	QPS	ZG	0.00	837.50	0.72	837.50
0	-178	1062	S	109	QPS	ZG	0.00	967.50	1.00	967.50	0	1091	-199	S	103	QPS	ZG	0.00	375.00	0.10	375.00
0	1092	1091	S	104	QPS	ZG	0.00	570.00	0.55	570.00	0	-1947	3038	S	303	QPS	ZG	0.00	375.00	0.63	375.00
0	-1947	3038	S	304	QPS	ZG	0.00	687.50	0.63	687.50	0	-285	-1754	S	203	QPS	ZG	0.00	837.50	0.73	837.50
0	1073	-178	S	109	QPS	ZG	0.00	967.50	1.00	967.50	0	-202	-206	S	103	QPS	ZG	0.00	375.00	1.27	375.00
0	-311	-1932	S	300	QPS	ZG	0.00	687.50	0.68	687.50	0	-311	-1932	S	304	QPS	ZG	0.00	687.50	0.68	687.50
0	-258	2064	S	208	QPS	ZG	0.00	806.25	1.00	806.25	0	-850	-239	S	201	QPS	ZG	0.00	687.50	0.68	687.50
0	-850	-239	S	202	QPS	ZG	0.00	687.50	0.68	687.50	0	1146	1145	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	-1664	2147	S	203	QPS	ZG	0.00	837.50	0.53	837.50	0	-1946	-307	S	303	QPS	ZG	0.00	375.00	0.63	375.00
0	-1946	-307	S	304	QPS	ZG	0.00	687.50	0.63	687.50	0	-239	-851	S	201	QPS	ZG	0.00	687.50	0.70	687.50
0	-239	-851	S	202	QPS	ZG	0.00	687.50	0.70	687.50	0	-297	-1931	S	300	QPS	ZG	0.00	687.50	0.68	687.50
0	-297	-1931	S	304	QPS	ZG	0.00	687.50	0.68	687.50	0	1093	1092	S	104	QPS	ZG	0.00	570.00	0.90	570.00
0	-210	1121	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	-1753	-285	S	203	QPS	ZG	0.00	837.50	0.73	837.50
0	-269	-432	S	210	QPS	ZG	0.00	493.75	0.58	493.75	0	-269	-432	S	211	QPS	ZG	0.00	312.50	0.58	312.50
0	-218	-219	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-466	-465	S	211	QPS	ZG	0.00	312.50	0.79	312.50
0	-465	-464	S	211	QPS	ZG	0.00	312.50	0.79	312.50	0	1147	1146	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	2148	-1664	S	203	QPS	ZG	0.00	837.50	0.53	837.50	0	1063	-171	S	106	QPS	ZG	0.00	757.50	1.27	757.50
0	1063	-171	S	107	QPS	ZG	0.00	825.00	1.27	825.00	0	-193	1093	S	104	QPS	ZG	0.00	570.00	1.25	570.00
0	-578	2075	S	208	QPS	ZG															

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	3024	-2085	S	305	QPS	ZG	0.00	313.00	0.89	325.42	0	-464	2123	S	211	QPS	ZG	0.00	312.50	0.79	312.50
0	1087	1073	S	109	QPS	ZG	0.00	967.50	1.50	967.50	0	-736	-254	S	200	QPS	ZG	0.00	631.25	0.63	631.25
0	-736	-254	S	201	QPS	ZG	0.00	687.50	0.63	687.50	0	2089	-578	S	208	QPS	ZG	0.00	806.25	0.75	806.25
0	-219	1132	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-272	-431	S	210	QPS	ZG	0.00	493.75	0.63	493.75
0	-272	-431	S	211	QPS	ZG	0.00	312.50	0.63	312.50	0	-286	-1755	S	203	QPS	ZG	0.00	837.50	0.73	837.50
0	-353	1147	S	102	QPS	ZG	0.00	1005.00	1.02	1005.00	0	1040	1041	S	108	QPS	ZG	0.00	397.50	0.84	397.50
0	2149	-1663	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	-240	-852	S	201	QPS	ZG	0.00	687.50	0.70	687.50
0	-240	-852	S	202	QPS	ZG	0.00	687.50	0.70	687.50	0	-852	2052	S	201	QPS	ZG	0.00	687.50	0.70	687.50
0	-852	2052	S	202	QPS	ZG	0.00	687.50	0.70	687.50	0	-298	-1933	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	-298	-1933	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	3039	-1945	S	303	QPS	ZG	0.00	375.00	0.63	375.00
0	3039	-1945	S	304	QPS	ZG	0.00	687.50	0.63	687.50	0	-1662	2149	S	203	QPS	ZG	0.00	837.50	0.51	837.50
0	2052	-992	S	202	QPS	ZG	0.00	77.34	0.89	64.92	0	-191	1087	S	109	QPS	ZG	0.00	967.50	0.78	967.50
0	2075	-258	S	208	QPS	ZG	0.00	806.25	1.00	806.25	0	-992	-991	S	202	QPS	ZG	0.00	64.91	0.89	52.49
0	-206	1108	S	103	QPS	ZG	0.00	375.00	1.27	375.00	0	-1755	2134	S	203	QPS	ZG	0.00	837.50	0.73	837.50
0	-275	-430	S	210	QPS	ZG	0.00	493.75	0.63	493.75	0	-275	-430	S	211	QPS	ZG	0.00	312.50	0.63	312.50
0	1064	1063	S	106	QPS	ZG	0.00	757.50	0.95	757.50	0	1064	1063	S	107	QPS	ZG	0.00	825.00	0.95	825.00
0	-254	-735	S	200	QPS	ZG	0.00	631.25	0.63	631.25	0	-254	-735	S	201	QPS	ZG	0.00	687.50	0.63	687.50
0	-1933	-299	S	300	QPS	ZG	0.00	687.50	0.70	687.50	0	-1933	-299	S	304	QPS	ZG	0.00	687.50	0.70	687.50
0	1019	-353	S	102	QPS	ZG	0.00	1005.00	0.02	1005.00	0	-354	-1662	S	203	QPS	ZG	0.00	837.50	0.51	837.50
0	2066	2065	S	200	QPS	ZG	0.00	631.25	0.95	631.25	0	2066	2065	S	201	QPS	ZG	0.00	687.50	0.95	687.50
0	-355	1019	S	102	QPS	ZG	0.00	1005.00	0.02	1005.00	0	2019	-354	S	203	QPS	ZG	0.00	837.50	0.02	837.50
0	-172	1064	S	106	QPS	ZG	0.00	757.50	0.85	757.50	0	-172	1064	S	107	QPS	ZG	0.00	825.00	0.85	825.00
0	2065	-736	S	200	QPS	ZG	0.00	631.25	0.63	631.25	0	2065	-736	S	201	QPS	ZG	0.00	687.50	0.63	687.50
0	1094	-193	S	104	QPS	ZG	0.00	570.00	1.25	570.00	0	1094	-191	S	109	QPS	ZG	0.00	967.50	0.78	967.50
0	-194	1094	S	105	QPS	ZG	0.00	570.00	1.33	570.00	0	-194	1094	S	106	QPS	ZG	0.00	757.50	1.33	757.50
0	-307	-1947	S	303	QPS	ZG	0.00	375.00	0.63	375.00	0	-307	-1947	S	304	QPS	ZG	0.00	687.50	0.63	687.50
0	1051	-151	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	1051	-151	S	108	QPS	ZG	0.30	397.50	1.41	397.50
0	1051	-151	S	108	QPS	ZG	0.00	825.00	0.30	825.00	0	-299	-1934	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	-299	-1934	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	-356	2019	S	203	QPS	ZG	0.00	837.50	0.02	837.50
0	1132	-220	S	102	QPS	ZG	0.00	1005.00	1.25	1005.00	0	1109	1108	S	104	QPS	ZG	0.00	570.00	1.20	570.00
0	-344	1065	S	106	QPS	ZG	0.00	757.50	0.74	757.50	0	-344	1065	S	107	QPS	ZG	0.00	825.00	0.74	825.00
0	-308	-1946	S	303	QPS	ZG	0.00	375.00	0.63	375.00	0	-308	-1946	S	304	QPS	ZG	0.00	687.50	0.63	687.50
0	2067	-737	S	200	QPS	ZG	0.00	631.25	0.85	631.25	0	2067	-737	S	201	QPS	ZG	0.00	687.50	0.85	687.50
0	-1945	-308	S	303	QPS	ZG	0.00	375.00	0.63	375.00	0	-1945	-308	S	304	QPS	ZG	0.00	687.50	0.63	687.50
0	-2085	-2086	S	300	QPS	ZG	0.00	52.49	0.89	64.91	0	-2085	-2086	S	305	QPS	ZG	0.00	325.42	0.89	337.84
0	-431	-275	S	210	QPS	ZG	0.00	493.75	0.63	493.75	0	-431	-275	S	211	QPS	ZG	0.00	312.50	0.63	312.50
0	2123	2134	S	211	QPS	ZG	0.00	312.50	0.85	312.50	0	-265	2089	S	208	QPS	ZG	0.00	806.25	0.78	806.25
0	-220	1133	S	102	QPS	ZG	0.00	1005.00	1.25	1005.00	0	2134	-472	S	203	QPS	ZG	0.00	837.50	0.83	837.50
0	-430	2110	S	210	QPS	ZG	0.00	493.75	0.63	493.75	0	-430	2110	S	211	QPS	ZG	0.00	312.50	0.63	312.50
0	-737	2066	S	200	QPS	ZG	0.00	631.25	0.85	631.25	0	-737	2066	S	201	QPS	ZG	0.00	687.50	0.85	687.50
0	3040	3039	S	303	QPS	ZG	0.00	375.00	0.95	375.00	0	3040	3039	S	304	QPS	ZG	0.00	687.50	0.95	687.50
0	-1935	3033	S	305	QPS	ZG	0.00	352.50	0.52	352.50	0	2096	-265	S	208	QPS	ZG	0.00	806.25	0.78	806.25
0	1148	-355	S	102	QPS	ZG	0.00	1005.00	1.02	1005.00	0	1065	-172	S	106	QPS	ZG	0.00	757.50	0.85	757.50
0	1065	-172	S	107	QPS	ZG	0.00	825.00	0.85	825.00	0	-1934	3033	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	-1934	3033	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	-1766	-356	S	203	QPS	ZG	0.00	837.50	0.51	837.50
0	1110	1109	S	104	QPS	ZG	0.00	570.00	1.45	570.00	0	-195	-194	S	105	QPS	ZG	0.00	570.00	1.33	570.00
0	-195	-194	S	106	QPS	ZG	0.00	757.50	1.33	757.50	0	-472	-471	S	203	QPS	ZG	0.00	837.50	0.83	837.50
0	-1944	3040	S	303	QPS	ZG	0.00	375.00	0.85	375.00	0	-1944	3040	S	304	QPS	ZG	0.00	687.50	0.85	687.50
0	2110	-470	S	211	QPS	ZG	0.00	312.50	0.56	312.50	0	-436	-270	S	209	QPS	ZG	0.00	1081.25	0.58	1081.25
0	-436	-270	S	210	QPS	ZG	0.00	493.75	0.58	493.75	0	-748	2096	S	200	QPS	ZG	0.00	631.25	1.00	631.25
0	1149	1148	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	2150	-1766	S	203	QPS	ZG	0.00	837.50	0.51	837.50
0	-151	-152	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	-151	-152	S	108	QPS	ZG	0.00	397.50	1.41	397.50
0	3027	-2221	S	305	QPS	ZG	0.00	315.00	0.66	324.38	0	3027	-2221	S	306	QPS	ZG	0.00	375.00	0.66	375.00
0	-470	2124	S	211	QPS	ZG	0.00	312.50	0.56	312.50	0	-471	2135	S	203	QPS	ZG	0.00	837.50	0.83	837.50
0	-301	-1935	S	305	QPS	ZG	0.00	352.50	0.52	352.50	0	1108	1122	S	103	QPS	ZG	0.00	375.00	1.12	375.00
0	-1765	2150	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	1122	1133	S	103	QPS	ZG	0.00	375.00	0.38	375.00
0	2124	2135	S	211	QPS	ZG	0.00	312.50	0.38	312.50	0	-747	-748	S	200	QPS	ZG	0.00	631.25	1.00	631.25
0	1150	1149	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00	0	1014	1110	S	104	QPS	ZG	0.00	570.00	1.30	570.00
0	-437	-273	S	209	QPS	ZG	0.00	1081.25	0.63	1081.25	0	-437	-273	S	210	QPS	ZG	0.00	493.75	0.63	493.75
0	-276	-437	S	209	QPS	ZG	0.00	1081.25	0.63	1081.25	0	-276	-437	S	210	QPS	ZG	0.00	493.75	0.63	493.75
0	-300	-2223	S	305	QPS	ZG	0.00	352.50	0.51	352.50	0	-300	-2223	S	306	QPS	ZG	0.00	375.00	0.51	375.00
0	-746	-747	S	200	QPS	ZG	0.00	631.25	1.00	631.25	0	1011	-344	S	106	QPS	ZG	0.00	757.50	0.74	757.50
0	1011	-344	S	107	QPS	ZG	0.00	825.00	0.74	825.00	0	-345	1011	S	106	QPS	ZG	0.00	757.50	0.04	757.50
0	-345	1011	S	107	QPS	ZG	0.00	825.00	0.04	825.00	0	-173	-345	S	106	QPS	ZG	0.00	757.50	1.44	757.50
0	-173	-345	S	107	QPS	ZG	0.00	825.00	1.44	825.00	0	-342	2067	S	200	QPS	ZG	0.00	631.25	0.74	631.25
0	-342	2067	S	201	QPS	ZG	0.00	687.50	0.74	687.50	0	2011	-342	S	200	QPS	ZG	0.00	631.25	0.74	631.25
0	2011	-342	S	201	QPS	ZG	0.00	687.50	0.74	687.50	0	3041									



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	-294	-2222	S	306	QPS	ZG	0.00	375.00	0.66	375.00	0	-2222	-300	S	305	QPS	ZG	0.00	343.12	0.66	352.50	
0	-2222	-300	S	306	QPS	ZG	0.00	375.00	0.66	375.00	0	2152	2151	S	203	QPS	ZG	0.00	837.50	0.60	837.50	
0	-337	-302	S	305	QPS	ZG	0.00	352.50	0.02	352.50	0	0	-337	-302	S	306	QPS	ZG	0.00	375.00	0.02	375.00
0	1151	1150	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	0	2151	-1765	S	203	QPS	ZG	0.00	837.50	0.72	837.50
0	-738	-346	S	200	QPS	ZG	0.00	631.25	0.72	631.25	0	0	-738	-346	S	201	QPS	ZG	0.00	687.50	0.72	687.50
0	-251	-856	S	201	QPS	ZG	0.00	300.00	0.70	300.00	0	0	3011	-343	S	303	QPS	ZG	0.00	375.00	0.74	375.00
0	3011	-343	S	304	QPS	ZG	0.00	687.50	0.74	687.50	0	0	-2086	3033	S	300	QPS	ZG	0.00	64.92	0.89	77.34
0	-2086	3033	S	305	QPS	ZG	0.22	340.95	0.89	350.26	0	0	-2086	3033	S	305	QPS	ZG	0.00	337.84	0.22	340.95
0	-1937	3008	S	305	QPS	ZG	0.00	352.50	0.52	352.50	0	0	1095	-195	S	105	QPS	ZG	0.00	570.00	1.33	570.00
0	1095	-195	S	106	QPS	ZG	0.00	757.50	1.33	757.50	0	0	2097	-746	S	200	QPS	ZG	0.00	631.25	1.00	631.25
0	1068	1067	S	106	QPS	ZG	0.00	757.50	0.75	757.50	0	0	1068	1067	S	107	QPS	ZG	0.00	825.00	0.75	825.00
0	-1938	3034	S	304	QPS	ZG	0.00	300.00	0.70	300.00	0	0	-1764	2152	S	203	QPS	ZG	0.00	837.50	0.72	837.50
0	-255	-738	S	200	QPS	ZG	0.00	631.25	0.72	631.25	0	0	-255	-738	S	201	QPS	ZG	0.00	687.50	0.72	687.50
0	-857	-251	S	201	QPS	ZG	0.00	300.00	0.70	300.00	0	0	-2223	-337	S	305	QPS	ZG	0.00	352.50	0.51	352.50
0	-2223	-337	S	306	QPS	ZG	0.00	375.00	0.51	375.00	0	0	-1943	3011	S	303	QPS	ZG	0.00	375.00	0.74	375.00
0	-1943	3011	S	304	QPS	ZG	0.00	687.50	0.74	687.50	0	0	-306	-1938	S	304	QPS	ZG	0.00	300.00	0.70	300.00
0	1152	1151	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00	0	0	2153	-1764	S	203	QPS	ZG	0.00	837.50	0.72	837.50
0	2154	2153	S	203	QPS	ZG	0.00	837.50	0.60	837.50	0	0	1111	1014	S	105	QPS	ZG	0.00	570.00	0.89	570.00
0	1096	1095	S	105	QPS	ZG	0.00	570.00	0.60	570.00	0	0	1096	1095	S	106	QPS	ZG	0.00	757.50	0.60	757.50
0	1066	-173	S	106	QPS	ZG	0.00	757.50	1.47	757.50	0	0	1066	-173	S	107	QPS	ZG	0.00	825.00	1.47	825.00
0	1067	1066	S	106	QPS	ZG	0.00	757.50	0.90	757.50	0	0	1067	1066	S	107	QPS	ZG	0.00	825.00	0.90	825.00
0	-302	-340	S	305	QPS	ZG	0.00	352.50	0.02	352.50	0	0	-302	-340	S	306	QPS	ZG	0.00	375.00	0.02	375.00
0	-340	-2198	S	305	QPS	ZG	0.00	352.50	0.51	352.50	0	0	-340	-2198	S	306	QPS	ZG	0.00	375.00	0.51	375.00
0	2014	-438	S	209	QPS	ZG	0.00	1081.25	0.63	1081.25	0	0	2014	-438	S	210	QPS	ZG	0.00	493.75	0.63	493.75
0	-2198	-304	S	305	QPS	ZG	0.00	352.50	0.51	352.50	0	0	-2198	-304	S	306	QPS	ZG	0.00	375.00	0.51	375.00
0	-739	-255	S	200	QPS	ZG	0.00	631.25	0.74	631.25	0	0	-739	-255	S	201	QPS	ZG	0.43	687.50	0.74	687.50
0	-739	-255	S	201	QPS	ZG	0.00	300.00	0.43	300.00	0	0	3034	-1937	S	305	QPS	ZG	0.00	352.50	0.52	352.50
0	-1939	-306	S	304	QPS	ZG	0.00	300.00	0.70	300.00	0	0	-1763	2154	S	203	QPS	ZG	0.00	837.50	0.72	837.50
0	1098	1097	S	105	QPS	ZG	0.00	570.00	0.95	570.00	0	0	1098	1097	S	106	QPS	ZG	0.00	757.50	0.95	757.50
0	2098	2097	S	200	QPS	ZG	0.00	631.25	0.60	631.25	0	0	-304	-2199	S	305	QPS	ZG	0.00	352.50	0.52	352.50
0	-304	-2199	S	306	QPS	ZG	0.00	375.00	0.52	375.00	0	0	1097	1096	S	105	QPS	ZG	0.00	570.00	0.70	570.00
0	1097	1096	S	106	QPS	ZG	0.00	757.50	0.70	757.50	0	0	1113	1112	S	105	QPS	ZG	0.00	570.00	0.27	570.00
0	1153	1152	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	0	3035	-1939	S	304	QPS	ZG	0.00	300.00	0.70	300.00
0	-2199	3035	S	305	QPS	ZG	0.00	352.50	0.52	352.50	0	0	-2199	3035	S	306	QPS	ZG	0.00	375.00	0.52	375.00
0	2099	2098	S	200	QPS	ZG	0.00	631.25	0.70	631.25	0	0	2069	2068	S	200	QPS	ZG	0.00	631.25	0.90	631.25
0	2069	2068	S	201	QPS	ZG	0.00	300.00	0.90	300.00	0	0	3035	3036	S	306	QPS	ZG	0.00	375.00	0.33	375.00
0	1100	-197	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	0	-309	-1943	S	303	QPS	ZG	0.00	375.00	0.74	375.00
0	-309	-1943	S	304	QPS	ZG	0.00	687.50	0.74	687.50	0	0	1112	1111	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	-231	1153	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	0	-196	1098	S	105	QPS	ZG	0.00	570.00	1.20	570.00
0	-196	1098	S	106	QPS	ZG	0.00	757.50	1.20	757.50	0	0	3042	-1942	S	303	QPS	ZG	0.00	375.00	0.74	375.00
0	3042	-1942	S	304	QPS	ZG	0.00	300.00	0.74	300.00	0	0	1154	-231	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	2155	-1763	S	203	QPS	ZG	0.00	837.50	0.72	837.50	0	0	-292	-1762	S	203	QPS	ZG	0.00	837.50	0.53	837.50
0	2070	2069	S	200	QPS	ZG	0.00	631.25	0.75	631.25	0	0	2070	2069	S	201	QPS	ZG	0.00	300.00	0.75	300.00
0	1114	1113	S	105	QPS	ZG	0.00	570.00	1.45	570.00	0	0	-1838	-292	S	203	QPS	ZG	0.00	837.50	0.53	837.50
0	1115	1114	S	105	QPS	ZG	0.00	570.00	0.27	570.00	0	0	1099	-196	S	105	QPS	ZG	0.00	570.00	1.20	570.00
0	1099	-196	S	106	QPS	ZG	0.00	757.50	1.20	757.50	0	0	-343	3041	S	303	QPS	ZG	0.00	375.00	0.74	375.00
0	-343	3041	S	304	QPS	ZG	0.00	687.50	0.74	687.50	0	0	1118	1117	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	2068	-739	S	200	QPS	ZG	0.00	631.25	0.74	631.25	0	0	2068	-739	S	201	QPS	ZG	0.00	300.00	0.74	300.00
0	-1942	-309	S	303	QPS	ZG	0.00	375.00	0.74	375.00	0	0	-1942	-309	S	304	QPS	ZG	0.43	687.50	0.74	687.50
0	-1942	-309	S	304	QPS	ZG	0.00	300.00	0.43	300.00	0	0	3044	3043	S	303	QPS	ZG	0.00	375.00	0.75	375.00
0	3044	3043	S	304	QPS	ZG	0.00	300.00	0.75	300.00	0	0	2100	2099	S	200	QPS	ZG	0.00	631.25	0.95	631.25
0	-1762	2155	S	203	QPS	ZG	0.00	837.50	0.53	837.50	0	0	2156	-1838	S	203	QPS	ZG	0.00	837.50	0.53	837.50
0	1013	1099	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	0	-745	2100	S	200	QPS	ZG	0.00	631.25	0.80	631.25
0	-744	-745	S	200	QPS	ZG	0.00	631.25	0.80	631.25	0	0	2101	-744	S	200	QPS	ZG	0.00	631.25	0.80	631.25
0	1116	1115	S	105	QPS	ZG	0.00	570.00	1.45	570.00	0	0	1117	1116	S	105	QPS	ZG	0.00	570.00	0.27	570.00
0	3036	-1940	S	306	QPS	ZG	0.00	375.00	0.69	375.00	0	0	-1941	3044	S	306	QPS	ZG	0.00	375.00	0.69	375.00
0	-743	2101	S	200	QPS	ZG	0.00	631.25	0.65	631.25	0	0	-197	1013	S	106	QPS	ZG	0.00	757.50	1.29	757.50
0	3043	3042	S	303	QPS	ZG	0.00	375.00	0.90	375.00	0	0	3043	3042	S	304	QPS	ZG	0.00	300.00	0.90	300.00
0	-1940	-1941	S	306	QPS	ZG	0.00	375.00	0.69	375.00	0	0	2013	-743	S	200	QPS	ZG	0.00	631.25	0.65	631.25
0	2105	2108	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25	0	0	-271	2105	S	209	QPS	ZG	0.00	1081.25	0.70	1081.25
0	-742	2013	S	200	QPS	ZG	0.00	631.25	0.65	631.25	0	0	-267	-742	S	200	QPS	ZG	0.00	631.25	0.65	631.25
0	1119	1118	S	105	QPS	ZG	0.00	570.00	1.15	570.00	0	0	2108	-278	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25
0	-741	-267	S	200	QPS	ZG	0.00	631.25	0.65	631.25	0	0	-278	2121	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25
0	2102	-741	S	200	QPS	ZG	0.00	631.25	0.65	631.25												





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1514	-233	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	2006	-384	S	205	QPN	ZG	0.00	550.25	0.03	550.25
0	1052	-145	S	112	QPN	ZG	0.00	639.00	1.30	639.00	0	-384	-1514	S	205	QPN	ZG	0.00	550.25	0.52	550.25
0	-386	2006	S	205	QPN	ZG	0.00	550.25	0.03	550.25	0	-1379	-386	S	205	QPN	ZG	0.00	550.25	0.52	550.25
0	2045	-1379	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	-1378	2045	S	205	QPN	ZG	0.00	550.25	0.87	550.25
0	-1377	-1378	S	205	QPN	ZG	0.00	550.25	0.87	550.25	0	-159	1052	S	112	QPN	ZG	0.00	639.00	1.03	639.00
0	2054	-1377	S	205	QPN	ZG	0.00	550.25	0.87	550.25	0	1029	1030	S	112	QPN	ZG	0.00	639.00	0.85	639.00
0	-164	-159	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	2029	2030	S	205	QPN	ZG	0.00	550.25	0.85	550.25
0	1060	-164	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	1061	1060	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	-1376	2054	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	-246	-1376	S	205	QPN	ZG	0.00	550.25	0.52	550.25
0	-1374	-250	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	1030	1005	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1030	1005	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	1005	1043	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1005	1043	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	1069	1061	S	112	QPN	ZG	0.00	639.00	0.95	639.00
0	-1375	-246	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	-250	-1375	S	205	QPN	ZG	0.00	550.25	0.52	550.25
0	2062	-1374	S	205	QPN	ZG	0.00	550.25	0.52	550.25	0	1043	1045	S	111	QPN	ZG	0.00	612.00	0.85	612.00
0	1043	1045	S	112	QPN	ZG	0.00	639.00	0.85	639.00	0	2030	-1238	S	205	QPN	ZG	0.00	550.25	0.57	550.25
0	2030	-1238	S	206	QPN	ZG	0.00	527.00	0.57	527.00	0	-1238	2005	S	205	QPN	ZG	0.00	550.25	0.57	550.25
0	-1238	2005	S	206	QPN	ZG	0.00	527.00	0.57	527.00	0	-1373	2062	S	205	QPN	ZG	0.00	550.25	0.72	550.25
0	2005	-1237	S	205	QPN	ZG	0.00	550.25	0.57	550.25	0	2005	-1237	S	206	QPN	ZG	0.00	527.00	0.57	527.00
0	-1237	2044	S	205	QPN	ZG	0.00	550.25	0.57	550.25	0	-1237	2044	S	206	QPN	ZG	0.00	527.00	0.57	527.00
0	2063	-1373	S	205	QPN	ZG	0.00	550.25	0.72	550.25	0	2044	2046	S	205	QPN	ZG	0.00	550.25	0.85	550.25
0	2044	2046	S	206	QPN	ZG	0.00	527.00	0.85	527.00	0	1074	1069	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	-1372	2071	S	205	QPN	ZG	0.00	550.25	0.72	550.25	0	1045	-154	S	111	QPN	ZG	0.00	612.00	1.40	612.00
0	1045	-154	S	112	QPN	ZG	0.00	639.00	1.40	639.00	0	-1236	2053	S	205	QPN	ZG	0.00	550.25	0.70	550.25
0	-1236	2053	S	206	QPN	ZG	0.00	527.00	0.70	527.00	0	1075	1074	S	112	QPN	ZG	0.00	639.00	0.75	639.00
0	-154	-158	S	111	QPN	ZG	0.00	612.00	1.40	612.00	0	-154	-158	S	112	QPN	ZG	0.00	639.00	1.40	639.00
0	2046	-1236	S	205	QPN	ZG	0.00	550.25	0.70	550.25	0	2046	-1236	S	206	QPN	ZG	0.00	527.00	0.70	527.00
0	2053	-1235	S	205	QPN	ZG	0.00	550.25	0.70	550.25	0	2053	-1235	S	206	QPN	ZG	0.00	527.00	0.70	527.00
0	-374	1075	S	100	QPN	ZG	0.00	639.00	1.14	639.00	0	2071	2063	S	205	QPN	ZG	0.00	550.25	0.95	550.25
0	2076	-1372	S	205	QPN	ZG	0.00	550.25	0.72	550.25	0	2077	2076	S	205	QPN	ZG	0.00	550.25	0.75	550.25
0	-1235	-245	S	205	QPN	ZG	0.00	550.25	0.70	550.25	0	-1235	-245	S	206	QPN	ZG	0.00	527.00	0.70	527.00
0	-158	1057	S	111	QPN	ZG	0.00	612.00	1.40	612.00	0	-158	1057	S	112	QPN	ZG	0.00	639.00	1.40	639.00
0	-245	-1234	S	205	QPN	ZG	0.00	550.25	0.70	550.25	0	-245	-1234	S	206	QPN	ZG	0.00	527.00	0.70	527.00
0	1012	-374	S	100	QPN	ZG	0.00	639.00	0.04	639.00	0	-371	1012	S	100	QPN	ZG	0.00	639.00	0.04	639.00
0	1031	-424	S	110	QPN	ZG	0.00	612.00	0.42	612.00	0	1031	-424	S	111	QPN	ZG	0.00	612.00	0.42	612.00
0	1102	-371	S	100	QPN	ZG	0.00	639.00	1.14	639.00	0	-375	-1615	S	204	QPN	ZG	0.00	550.25	0.57	550.25
0	2012	-375	S	204	QPN	ZG	0.00	550.25	0.04	550.25	0	-1234	2059	S	205	QPN	ZG	0.00	550.25	0.70	550.25
0	-1234	2059	S	206	QPN	ZG	0.00	527.00	0.70	527.00	0	2031	-425	S	206	QPN	ZG	0.00	527.00	0.42	527.00
0	2031	-425	S	207	QPN	ZG	0.00	527.00	0.42	527.00	0	-1615	2077	S	204	QPN	ZG	0.00	550.25	0.57	550.25
0	-372	2012	S	204	QPN	ZG	0.00	550.25	0.04	550.25	0	-1540	-372	S	204	QPN	ZG	0.00	550.25	0.57	550.25
0	-424	-139	S	110	QPN	ZG	0.00	612.00	0.62	612.00	0	-424	-139	S	111	QPN	ZG	0.00	612.00	0.62	612.00
0	-425	2037	S	206	QPN	ZG	0.00	527.00	0.62	527.00	0	-425	2037	S	207	QPN	ZG	0.00	527.00	0.62	527.00
0	2104	-1540	S	204	QPN	ZG	0.00	550.25	0.57	550.25	0	1057	-167	S	111	QPN	ZG	0.00	612.00	1.22	612.00
0	1057	-167	S	112	QPN	ZG	0.00	639.00	1.22	639.00	0	-139	-426	S	110	QPN	ZG	0.00	612.00	0.68	612.00
0	-139	-426	S	111	QPN	ZG	0.00	612.00	0.68	612.00	0	1105	1102	S	100	QPN	ZG	0.00	639.00	1.50	639.00
0	-426	1042	S	110	QPN	ZG	0.00	612.00	0.47	612.00	0	-426	1042	S	111	QPN	ZG	0.00	612.00	0.47	612.00
0	-167	-174	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-167	-174	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	2059	-1233	S	205	QPN	ZG	0.00	550.25	0.91	550.25	0	2059	-1233	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	2037	-427	S	206	QPN	ZG	0.00	527.00	0.68	527.00	0	2037	-427	S	207	QPN	ZG	0.00	527.00	0.68	527.00
0	-1233	-1232	S	205	QPN	ZG	0.00	550.25	0.91	550.25	0	-1233	-1232	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	1042	-144	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	1042	-144	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	-427	2043	S	206	QPN	ZG	0.00	527.00	0.47	527.00	0	-427	2043	S	207	QPN	ZG	0.00	527.00	0.47	527.00
0	1107	1105	S	100	QPN	ZG	0.00	639.00	0.90	639.00	0	-1539	2104	S	204	QPN	ZG	0.00	550.25	0.75	550.25
0	2107	-1539	S	204	QPN	ZG	0.00	550.25	0.75	550.25	0	2043	-1106	S	206	QPN	ZG	0.00	527.00	0.88	527.00
0	2043	-1106	S	207	QPN	ZG	0.00	527.00	0.88	527.00	0	2109	2107	S	204	QPN	ZG	0.00	550.25	0.90	550.25
0	-174	1070	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-174	1070	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	-1232	-1231	S	205	QPN	ZG	0.00	550.25	0.91	550.25	0	-1232	-1231	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	-144	-153	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	-144	-153	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	-1106	-1105	S	206	QPN	ZG	0.00	527.00	0.88	527.00	0	-1106	-1105	S	207	QPN	ZG	0.00	527.00	0.88	527.00
0	1120	1107	S	100	QPN	ZG	0.00	639.00	1.50	639.00	0	-1538	2109	S	204	QPN	ZG	0.00	550.25	0.75	550.25
0	1070	-180	S	111	QPN	ZG	0.00	612.00	0.82	612.00	0	1070	-180	S	112	QPN	ZG	0.00	639.00	0.82	639.00
0	-153	1053	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	-153	1053	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	-180	1079	S	111	QPN	ZG	0.00	612.00	0.82	612.00	0	-180	1079	S	112	QPN	ZG	0.00	639.00	0.82	639.00
0	-1231	2072	S	205	QPN	ZG	0.00	550.25	0.91	550.25	0	-1231	2072	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	-1105	-1104	S	206	QPN	ZG	0.00	527.00	0.88	527.00	0	-1105	-1104	S	207	QPN	ZG	0.00	527.00	0.88	527.00
0	-211	1120	S	100	QPN	ZG	0.00	639.00	1.00	639.00	0	-279	2122	S	204	QPN	ZG	0.00	550.25	1.00	550.25
0	2072	-260	S	205	QPN	ZG	0.00	550.25	0.82	550.25	0	2072	-260	S	206	QPN	ZG	0.00	527.00	0.82	527.00
0																					



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-568	-567	S	207	QPN	ZG	0.00	527.00	0.83	527.00	0	-568	-567	S	208	QPN	ZG	0.00	499.88	0.83	499.88
0	-349	-225	S	101	QPN	ZG	0.00	639.00	1.23	639.00	0	-1851	2125	S	203	QPN	ZG	0.00	519.25	0.64	519.25
0	-248	2060	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	-248	2060	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	-1616	-1617	S	204	QPN	ZG	0.00	550.25	0.77	550.25	0	-281	-1851	S	203	QPN	ZG	0.00	519.25	0.64	519.25
0	1034	-140	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	1034	-140	S	110	QPN	ZG	0.00	612.00	1.38	612.00
0	2034	-568	S	207	QPN	ZG	0.00	527.00	0.83	527.00	0	2034	-568	S	208	QPN	ZG	0.00	499.88	0.83	499.88
0	-225	1136	S	101	QPN	ZG	0.00	639.00	1.25	639.00	0	-189	1101	S	100	QPN	ZG	0.00	639.00	1.15	639.00
0	-1852	-281	S	203	QPN	ZG	0.00	519.25	0.64	519.25	0	-1617	2103	S	204	QPN	ZG	0.00	550.25	0.77	550.25
0	1058	-168	S	110	QPN	ZG	0.00	612.00	1.22	612.00	0	1058	-168	S	111	QPN	ZG	0.00	612.00	1.22	612.00
0	2060	-1103	S	206	QPN	ZG	0.00	527.00	0.91	527.00	0	2060	-1103	S	207	QPN	ZG	0.00	527.00	0.91	527.00
0	1101	-204	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	2103	-1548	S	204	QPN	ZG	0.00	550.25	0.63	550.25
0	-140	-142	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	-140	-142	S	110	QPN	ZG	0.00	612.00	1.38	612.00
0	-282	-1852	S	203	QPN	ZG	0.00	519.25	0.64	519.25	0	-283	-1853	S	203	QPN	ZG	0.00	519.25	0.64	519.25
0	-274	-1549	S	204	QPN	ZG	0.00	550.25	0.63	550.25	0	-142	1047	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	-142	1047	S	110	QPN	ZG	0.00	612.00	1.38	612.00	0	-1103	-1102	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	-1103	-1102	S	207	QPN	ZG	0.00	527.00	0.91	527.00	0	-567	-566	S	207	QPN	ZG	0.00	527.00	0.83	527.00
0	-567	-566	S	208	QPN	ZG	0.00	499.88	0.83	499.88	0	-1853	-282	S	203	QPN	ZG	0.00	519.25	0.64	519.25
0	-1548	-274	S	204	QPN	ZG	0.00	550.25	0.63	550.25	0	1071	-181	S	110	QPN	ZG	0.00	612.00	0.82	612.00
0	1071	-181	S	111	QPN	ZG	0.00	612.00	0.82	612.00	0	-168	-175	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-168	-175	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-1102	-1101	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	-1102	-1101	S	207	QPN	ZG	0.00	527.00	0.91	527.00	0	-566	-565	S	207	QPN	ZG	0.00	527.00	0.83	527.00
0	-566	-565	S	208	QPN	ZG	0.00	499.88	0.83	499.88	0	-204	-208	S	100	QPN	ZG	0.00	639.00	1.26	639.00
0	-1854	-283	S	203	QPN	ZG	0.00	519.25	0.64	519.25	0	1018	-349	S	101	QPN	ZG	0.00	639.00	0.02	639.00
0	-347	1018	S	101	QPN	ZG	0.00	639.00	0.02	639.00	0	-175	1071	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-175	1071	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-565	2048	S	207	QPN	ZG	0.00	527.00	0.83	527.00
0	-565	2048	S	208	QPN	ZG	0.00	499.88	0.83	499.88	0	-1101	2073	S	206	QPN	ZG	0.00	527.00	0.91	527.00
0	-1101	2073	S	207	QPN	ZG	0.00	527.00	0.91	527.00	0	-229	-347	S	101	QPN	ZG	0.00	639.00	1.23	639.00
0	-208	-379	S	100	QPN	ZG	0.00	639.00	1.23	639.00	0	2126	-1854	S	203	QPN	ZG	0.00	519.25	0.64	519.25
0	1047	-155	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	1047	-155	S	110	QPN	ZG	0.00	612.00	0.90	612.00
0	2048	-564	S	207	QPN	ZG	0.00	527.00	0.90	527.00	0	2048	-564	S	208	QPN	ZG	0.00	499.88	0.90	499.88
0	2073	-261	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	2073	-261	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	-379	1015	S	100	QPN	ZG	0.00	639.00	0.03	639.00	0	1015	-377	S	100	QPN	ZG	0.00	639.00	0.03	639.00
0	-277	-1550	S	204	QPN	ZG	0.00	550.25	0.62	550.25	0	-380	2015	S	204	QPN	ZG	0.00	550.25	0.03	550.25
0	3015	-2076	S	300	QPN	ZG	0.00	426.25	0.90	426.25	0	3015	-2076	S	301	QPN	ZG	0.00	232.50	0.90	232.50
0	-377	-212	S	100	QPN	ZG	0.00	639.00	1.13	639.00	0	-1549	-277	S	204	QPN	ZG	0.00	550.25	0.63	550.25
0	2015	-378	S	204	QPN	ZG	0.00	550.25	0.03	550.25	0	1137	-229	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-181	-419	S	110	QPN	ZG	0.00	612.00	0.76	612.00	0	-181	-419	S	111	QPN	ZG	0.00	612.00	0.76	612.00
0	2020	-982	S	202	QPN	ZG	0.00	495.00	0.90	495.00	0	-212	1126	S	100	QPN	ZG	0.00	639.00	0.10	639.00
0	1126	-216	S	102	QPN	ZG	0.00	603.00	0.78	603.00	0	-1550	-380	S	204	QPN	ZG	0.00	550.25	0.62	550.25
0	2127	2126	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	-155	1054	S	109	QPN	ZG	0.00	580.50	0.90	580.50
0	-155	1054	S	110	QPN	ZG	0.00	612.00	0.90	612.00	0	1020	-122	S	108	QPN	ZG	0.00	495.00	0.90	495.00
0	-419	1082	S	110	QPN	ZG	0.00	612.00	0.06	612.00	0	-419	1082	S	111	QPN	ZG	0.00	612.00	0.06	612.00
0	-261	-420	S	206	QPN	ZG	0.00	527.00	0.76	527.00	0	-261	-420	S	207	QPN	ZG	0.00	527.00	0.76	527.00
0	-378	-1638	S	204	QPN	ZG	0.00	550.25	0.57	550.25	0	-564	2056	S	207	QPN	ZG	0.00	527.00	0.90	527.00
0	-564	2056	S	208	QPN	ZG	0.00	499.88	0.90	499.88	0	-420	2084	S	206	QPN	ZG	0.00	527.00	0.06	527.00
0	-420	2084	S	207	QPN	ZG	0.00	527.00	0.06	527.00	0	2128	2127	S	203	QPN	ZG	0.00	519.25	1.00	519.25
0	-1638	-280	S	204	QPN	ZG	0.00	550.25	0.57	550.25	0	2056	-563	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	2056	-563	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	-122	1021	S	108	QPN	ZG	0.00	495.00	0.90	495.00
0	1126	1135	S	101	QPN	ZG	0.00	639.00	0.30	639.00	0	2140	2139	S	203	QPN	ZG	0.00	519.25	1.00	519.25
0	-329	1036	S	109	QPN	ZG	0.00	580.50	0.54	580.50	0	-563	-252	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	-563	-252	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	1004	-329	S	109	QPN	ZG	0.00	580.50	0.54	580.50
0	1021	1022	S	108	QPN	ZG	0.00	495.00	1.15	495.00	0	-328	1004	S	109	QPN	ZG	0.00	580.50	0.54	580.50
0	-982	2021	S	202	QPN	ZG	0.00	495.00	0.90	495.00	0	-326	2036	S	208	QPN	ZG	0.00	499.88	0.54	499.88
0	2021	-983	S	202	QPN	ZG	0.00	495.00	0.57	495.00	0	-2075	3015	S	302	QPN	ZG	0.00	232.50	0.68	232.50
0	1135	-222	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	1054	-166	S	109	QPN	ZG	0.00	580.50	1.34	580.50
0	1054	-166	S	110	QPN	ZG	0.00	612.00	1.34	612.00	0	-252	-406	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	-252	-406	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	2022	-984	S	202	QPN	ZG	0.00	495.00	0.72	495.00
0	1049	-146	S	107	QPN	ZG	0.00	495.00	0.76	495.00	0	1049	-146	S	108	QPN	ZG	0.00	495.00	0.76	495.00
0	3023	-2075	S	302	QPN	ZG	0.00	232.50	0.68	232.50	0	-327	3023	S	302	QPN	ZG	0.00	232.50	0.54	232.50
0	-1907	2140	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	-216	1127	S	102	QPN	ZG	0.00	603.00	0.78	603.00
0	2128	-1652	S	203	QPN	ZG	0.00	519.25	0.78	519.25	0	-166	-405	S	109	QPN	ZG	0.00	580.50	0.67	580.50
0	-166	-405	S	110	QPN	ZG	0.00	612.00	0.67	612.00	0	-141	-328	S	109	QPN	ZG	0.00	580.50	0.54	580.50
0	1022	1023	S	108	QPN	ZG	0.00	495.00	1.45	495.00	0	1046	-141	S	109	QPN	ZG	0.00	580.50	1.08	580.50
0	2004	-326	S	208	QPN	ZG	0.00	499.88	0.54	499.88	0	-324	2004	S	208	QPN	ZG	0.00	499.88	0.54	499.88
0	2047	-575	S	208	QPN	ZG	0.00	499.88	0.54	499.88	0	1023	1024	S	108	QPN	ZG	0.00	495.00	1.20	495.00
0	-983	2022	S	202	QPN	ZG	0.00	495.00	0.57	495.00	0	1048	1049	S	107	QPN	ZG	0.00	495.00	1.15	495.00
0	1048	1049	S	108	QPN	ZG	0.00														



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	3017	-2078	S	300	QPN	ZG	0.00	426.25	0.72	426.25	0	3017	-2078	S	301	QPN	ZG	0.00	232.50	0.72	232.50
0	-1906	-1907	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	1010	-408	S	109	QPN	ZG	0.00	580.50	0.67	580.50
0	1010	-408	S	110	QPN	ZG	0.00	612.00	0.67	612.00	0	-408	-176	S	109	QPN	ZG	0.00	580.50	0.67	580.50
0	-408	-176	S	110	QPN	ZG	0.00	612.00	0.67	612.00	0	-406	2010	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	-406	2010	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	-2074	-293	S	302	QPN	ZG	0.00	232.50	0.54	232.50
0	2010	-409	S	207	QPN	ZG	0.00	527.00	0.67	527.00	0	2010	-409	S	208	QPN	ZG	0.00	499.88	0.67	499.88
0	-984	2023	S	202	QPN	ZG	0.00	495.00	0.72	495.00	0	3029	-2074	S	302	QPN	ZG	0.00	232.50	0.54	232.50
0	2023	-985	S	202	QPN	ZG	0.00	495.00	0.60	495.00	0	-224	-226	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	-176	-179	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	-176	-179	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	-2078	3018	S	300	QPN	ZG	0.00	426.25	0.72	426.25	0	-2078	3018	S	301	QPN	ZG	0.00	232.50	0.72	232.50
0	1129	1130	S	102	QPN	ZG	0.00	603.00	0.95	603.00	0	2130	-1653	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	2141	-1906	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	1128	1129	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	-409	-256	S	207	QPN	ZG	0.00	527.00	0.67	527.00	0	-409	-256	S	208	QPN	ZG	0.00	499.88	0.67	499.88
0	-1653	2131	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	1048	1046	S	109	QPN	ZG	0.00	580.50	0.90	580.50
0	-256	-562	S	207	QPN	ZG	0.00	527.00	0.67	527.00	0	-256	-562	S	208	QPN	ZG	0.00	499.88	0.67	499.88
0	-985	2024	S	202	QPN	ZG	0.00	495.00	0.60	495.00	0	2024	-986	S	202	QPN	ZG	0.00	495.00	0.72	495.00
0	-157	1048	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	3018	-2079	S	300	QPN	ZG	0.00	426.25	0.60	426.25
0	3018	-2079	S	301	QPN	ZG	0.00	232.50	0.60	232.50	0	3030	3029	S	302	QPN	ZG	0.00	232.50	0.90	232.50
0	-2079	3019	S	300	QPN	ZG	0.00	426.25	0.60	426.25	0	-2079	3019	S	301	QPN	ZG	0.00	232.50	0.60	232.50
0	2142	2141	S	203	QPN	ZG	0.00	519.25	0.95	519.25	0	2131	2132	S	203	QPN	ZG	0.00	519.25	0.95	519.25
0	-179	1085	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	-179	1085	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	-163	-157	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	1050	-147	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	1050	-147	S	108	QPN	ZG	0.00	495.00	0.70	495.00	0	-323	-163	S	109	QPN	ZG	0.00	580.50	0.69	580.50
0	2049	2047	S	208	QPN	ZG	0.00	499.88	0.90	499.88	0	2049	-848	S	201	QPN	ZG	0.00	495.00	0.57	495.00
0	2049	-848	S	202	QPN	ZG	0.00	495.00	0.57	495.00	0	-576	2049	S	208	QPN	ZG	0.00	499.88	0.69	499.88
0	-226	-228	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-1905	2142	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	1024	1025	S	108	QPN	ZG	0.00	495.00	1.45	495.00	0	-848	2050	S	201	QPN	ZG	0.00	495.00	0.57	495.00
0	-848	2050	S	202	QPN	ZG	0.00	495.00	0.57	495.00	0	3004	-327	S	302	QPN	ZG	0.00	232.50	0.54	232.50
0	-244	-576	S	208	QPN	ZG	0.00	499.88	0.69	499.88	0	-249	-577	S	208	QPN	ZG	0.00	499.88	0.69	499.88
0	3030	-1930	S	300	QPN	ZG	0.00	426.25	0.57	426.25	0	3030	-1930	S	304	QPN	ZG	0.00	426.25	0.57	426.25
0	-1929	3030	S	302	QPN	ZG	0.00	232.50	0.69	232.50	0	-562	-259	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	-562	-259	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	2132	-1654	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	-259	-561	S	207	QPN	ZG	0.00	527.00	0.67	527.00	0	-259	-561	S	208	QPN	ZG	0.00	499.88	0.67	499.88
0	-986	2025	S	202	QPN	ZG	0.00	495.00	0.72	495.00	0	-561	2087	S	207	QPN	ZG	0.00	527.00	0.67	527.00
0	-561	2087	S	208	QPN	ZG	0.00	499.88	0.67	499.88	0	-236	2051	S	201	QPN	ZG	0.00	495.00	0.76	495.00
0	-236	2051	S	202	QPN	ZG	0.00	495.00	0.76	495.00	0	-303	-1929	S	302	QPN	ZG	0.00	232.50	0.69	232.50
0	1130	1131	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	2143	-1905	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	2050	-236	S	201	QPN	ZG	0.00	495.00	0.76	495.00	0	2050	-236	S	202	QPN	ZG	0.00	495.00	0.76	495.00
0	-1654	2133	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	1025	1026	S	108	QPN	ZG	0.00	495.00	1.20	495.00
0	2025	-987	S	202	QPN	ZG	0.00	495.00	0.60	495.00	0	-146	1050	S	107	QPN	ZG	0.00	495.00	0.76	495.00
0	-146	1050	S	108	QPN	ZG	0.00	495.00	0.76	495.00	0	3019	-2080	S	300	QPN	ZG	0.00	426.25	0.72	426.25
0	3019	-2080	S	301	QPN	ZG	0.00	232.50	0.72	232.50	0	-577	-244	S	208	QPN	ZG	0.00	499.88	0.69	499.88
0	-228	1142	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-2081	3021	S	300	QPN	ZG	0.00	426.25	0.60	426.25
0	-2081	3021	S	301	QPN	ZG	0.00	232.50	0.60	232.50	0	2051	-237	S	201	QPN	ZG	0.00	495.00	0.70	495.00
0	2051	-237	S	202	QPN	ZG	0.00	495.00	0.70	495.00	0	-293	-325	S	302	QPN	ZG	0.00	232.50	0.54	232.50
0	3031	-295	S	300	QPN	ZG	0.00	426.25	0.76	426.25	0	3031	-295	S	304	QPN	ZG	0.00	426.25	0.76	426.25
0	2144	2143	S	203	QPN	ZG	0.00	519.25	0.70	519.25	0	-987	2026	S	202	QPN	ZG	0.00	495.00	0.60	495.00
0	1131	-359	S	102	QPN	ZG	0.00	603.00	1.43	603.00	0	2133	-1655	S	203	QPN	ZG	0.00	519.25	0.71	519.25
0	1085	1088	S	109	QPN	ZG	0.00	580.50	1.44	580.50	0	-1666	2144	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	-321	-249	S	208	QPN	ZG	0.00	499.88	0.69	499.88	0	-322	-305	S	302	QPN	ZG	0.00	232.50	0.69	232.50
0	-560	2090	S	208	QPN	ZG	0.00	499.88	0.72	499.88	0	1016	-363	S	102	QPN	ZG	0.00	603.00	0.03	603.00
0	-1655	-360	S	203	QPN	ZG	0.00	519.25	0.71	519.25	0	-734	2064	S	200	QPN	ZG	0.00	454.50	0.63	454.50
0	-734	2064	S	201	QPN	ZG	0.00	495.00	0.63	495.00	0	-305	-1928	S	302	QPN	ZG	0.00	232.50	0.69	232.50
0	1026	-123	S	108	QPN	ZG	0.00	495.00	0.88	495.00	0	2026	-988	S	202	QPN	ZG	0.00	495.00	0.88	495.00
0	1143	1142	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	-359	1016	S	102	QPN	ZG	0.00	603.00	0.03	603.00
0	2145	-1666	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	-147	-148	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	-147	-148	S	108	QPN	ZG	0.00	495.00	0.70	495.00	0	-237	-238	S	201	QPN	ZG	0.00	495.00	0.70	495.00
0	-237	-238	S	202	QPN	ZG	0.00	495.00	0.70	495.00	0	2009	-321	S	208	QPN	ZG	0.00	499.88	0.69	499.88
0	1088	1089	S	109	QPN	ZG	0.00	580.50	0.61	580.50	0	-363	-217	S	102	QPN	ZG	0.00	603.00	1.43	603.00
0	-364	-1752	S	203	QPN	ZG	0.00	519.25	0.71	519.25	0	-123	1027	S	108	QPN	ZG	0.00	495.00	0.88	495.00
0	1089	-198	S	103	QPN	ZG	0.00	225.00	0.10	225.00	0	2087	-560	S	208	QPN	ZG	0.00	499.88	0.72	499.88
0	-320	1009	S	109	QPN	ZG	0.00	580.50	0.69	580.50	0	-315	1007	S	107	QPN	ZG	0.00	495.00	0.05	495.00
0	-315	1007	S	108	QPN	ZG	0.00	495.00	0.05	495.00	0	3020	-2081	S	300	QPN	ZG	0.00	426.25	0.60	426.25
0	3020	-2081	S	301	QPN	ZG	0.00	232.50	0.60	232.50	0	3021	-2082	S	300	QPN	ZG	0.00	426.25	0.88	426.25
0	3021	-2082	S	301	QPN	ZG	0.00	232.50	0.88	232.50	0	1009	-323	S	109	QPN	ZG	0.00	580.50	0.69	580.50
0	-238	-849	S	201	QPN	ZG	0.00	495.00	0.68	495.00	0	-238	-849	S	202	QPN	ZG	0.00	495.00	0.68	495.00
0	-295	3032	S	300	QPN																





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1930	3031	S	304	QPN	ZG	0.00	426.25	0.57	426.25	0	-1928	-303	S	302	QPN	ZG	0.00	232.50	0.69	232.50
0	-360	2016	S	203	QPN	ZG	0.00	519.25	0.03	519.25	0	-296	-297	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	-296	-297	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	-2082	3022	S	300	QPN	ZG	0.00	426.25	0.57	426.25
0	-2082	3022	S	301	QPN	ZG	0.00	232.50	0.88	232.50	0	-2082	3022	S	300	QPN	ZG	0.78	289.33	0.88	220.88
0	-2082	3022	S	300	QPN	ZG	0.68	357.79	0.78	289.33	0	-2082	3022	S	300	QPN	ZG	0.57	426.25	0.68	357.79
0	2146	2145	S	203	QPN	ZG	0.00	519.25	0.95	519.25	0	-148	-315	S	107	QPN	ZG	0.00	495.00	1.35	495.00
0	-148	-315	S	108	QPN	ZG	0.00	495.00	1.35	495.00	0	-198	1104	S	103	QPN	ZG	0.00	225.00	1.20	225.00
0	-319	3009	S	302	QPN	ZG	0.00	232.50	0.69	232.50	0	-849	-316	S	201	QPN	ZG	0.00	495.00	0.68	495.00
0	-849	-316	S	202	QPN	ZG	0.00	495.00	0.68	495.00	0	1145	1144	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	-253	-734	S	200	QPN	ZG	0.00	454.50	0.63	454.50	0	-253	-734	S	201	QPN	ZG	0.00	495.00	0.63	495.00
0	-205	-210	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	2090	2091	S	208	QPN	ZG	0.00	499.88	0.61	499.88
0	-268	-467	S	211	QPN	ZG	0.00	193.75	0.60	193.75	0	-467	2106	S	211	QPN	ZG	0.00	193.75	0.60	193.75
0	1062	-320	S	109	QPN	ZG	0.00	580.50	0.69	580.50	0	-284	-1753	S	203	QPN	ZG	0.00	519.25	0.73	519.25
0	1007	-312	S	107	QPN	ZG	0.00	495.00	0.05	495.00	0	1007	-312	S	108	QPN	ZG	0.00	495.00	0.05	495.00
0	-171	-170	S	106	QPN	ZG	0.00	454.50	1.27	454.50	0	-171	-170	S	107	QPN	ZG	0.00	495.00	1.27	495.00
0	3032	-296	S	300	QPN	ZG	0.00	426.25	0.70	426.25	0	3032	-296	S	304	QPN	ZG	0.00	426.25	0.70	426.25
0	-988	2027	S	202	QPN	ZG	0.00	495.00	0.57	495.00	0	-988	2027	S	202	QPN	ZG	0.78	336.00	0.88	256.50
0	-988	2027	S	202	QPN	ZG	0.68	415.50	0.78	336.00	0	-988	2027	S	202	QPN	ZG	0.57	495.00	0.68	415.50
0	-1752	-284	S	203	QPN	ZG	0.00	519.25	0.71	519.25	0	3038	-319	S	302	QPN	ZG	0.00	232.50	0.69	232.50
0	1104	-205	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	1039	1040	S	108	QPN	ZG	0.00	238.50	1.20	238.50
0	-1931	-317	S	300	QPN	ZG	0.00	426.25	0.68	426.25	0	-1931	-317	S	304	QPN	ZG	0.00	426.25	0.68	426.25
0	-1665	2146	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	3007	-311	S	300	QPN	ZG	0.00	426.25	0.05	426.25
0	3007	-311	S	304	QPN	ZG	0.00	426.25	0.05	426.25	0	-217	-218	S	102	QPN	ZG	0.00	603.00	1.46	603.00
0	1038	1039	S	108	QPN	ZG	0.00	238.50	0.47	238.50	0	-312	-149	S	107	QPN	ZG	0.00	495.00	1.35	495.00
0	-312	-149	S	108	QPN	ZG	0.00	495.00	1.35	495.00	0	-2080	3020	S	300	QPN	ZG	0.00	426.25	0.72	426.25
0	-2080	3020	S	301	QPN	ZG	0.00	232.50	0.72	232.50	0	-310	-850	S	201	QPN	ZG	0.00	495.00	0.68	495.00
0	-310	-850	S	202	QPN	ZG	0.00	495.00	0.68	495.00	0	-1932	-298	S	300	QPN	ZG	0.00	426.25	0.68	426.25
0	-1932	-298	S	304	QPN	ZG	0.00	426.25	0.68	426.25	0	-199	-202	S	103	QPN	ZG	0.00	225.00	1.17	225.00
0	2106	-466	S	211	QPN	ZG	0.00	193.75	0.79	193.75	0	2147	-1665	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	-178	1062	S	109	QPN	ZG	0.00	580.50	1.00	580.50	0	1091	-199	S	103	QPN	ZG	0.00	225.00	0.10	225.00
0	1092	1091	S	104	QPN	ZG	0.00	342.00	0.55	342.00	0	-1947	3038	S	303	QPN	ZG	0.00	232.50	0.63	232.50
0	-1947	3038	S	304	QPN	ZG	0.00	426.25	0.63	426.25	0	-285	-1754	S	203	QPN	ZG	0.00	519.25	0.73	519.25
0	1073	-178	S	109	QPN	ZG	0.00	580.50	1.00	580.50	0	-202	-206	S	103	QPN	ZG	0.00	225.00	1.27	225.00
0	-311	-1932	S	300	QPN	ZG	0.00	426.25	0.68	426.25	0	-311	-1932	S	304	QPN	ZG	0.00	426.25	0.68	426.25
0	-258	2064	S	208	QPN	ZG	0.00	499.88	1.00	499.88	0	-850	-239	S	201	QPN	ZG	0.00	495.00	0.68	495.00
0	-850	-239	S	202	QPN	ZG	0.00	495.00	0.68	495.00	0	1146	1145	S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	-1664	2147	S	203	QPN	ZG	0.00	519.25	0.53	519.25	0	-1946	-307	S	303	QPN	ZG	0.00	232.50	0.63	232.50
0	-1946	-307	S	304	QPN	ZG	0.00	426.25	0.63	426.25	0	-239	-851	S	201	QPN	ZG	0.00	495.00	0.70	495.00
0	-239	-851	S	202	QPN	ZG	0.00	495.00	0.70	495.00	0	-297	-1931	S	300	QPN	ZG	0.00	426.25	0.68	426.25
0	-297	-1931	S	304	QPN	ZG	0.00	426.25	0.68	426.25	0	1093	1092	S	104	QPN	ZG	0.00	342.00	0.90	342.00
0	-210	1121	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	-1753	-285	S	203	QPN	ZG	0.00	519.25	0.73	519.25
0	-269	-432	S	210	QPN	ZG	0.00	306.12	0.58	306.12	0	-269	-432	S	211	QPN	ZG	0.00	193.75	0.58	193.75
0	-218	-219	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-466	-465	S	211	QPN	ZG	0.00	193.75	0.79	193.75
0	-465	-464	S	211	QPN	ZG	0.00	193.75	0.79	193.75	0	1147	1146	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	2148	-1664	S	203	QPN	ZG	0.00	519.25	0.53	519.25	0	1063	-171	S	106	QPN	ZG	0.00	454.50	1.27	454.50
0	1063	-171	S	107	QPN	ZG	0.00	495.00	1.27	495.00	0	-193	1093	S	104	QPN	ZG	0.00	342.00	1.25	342.00
0	-578	2075	S	208	QPN	ZG	0.00	499.88	0.75	499.88	0	-1754	-286	S	203	QPN	ZG	0.00	519.25	0.73	519.25
0	-432	-272	S	210	QPN	ZG	0.00	306.12	0.58	306.12	0	-432	-272	S	211	QPN	ZG	0.00	193.75	0.58	193.75
0	-851	-240	S	201	QPN	ZG	0.00	495.00	0.70	495.00	0	-851	-240	S	202	QPN	ZG	0.00	495.00	0.70	495.00
0	-317	3007	S	300	QPN	ZG	0.00	426.25	0.05	426.25	0	-317	3007	S	304	QPN	ZG	0.00	426.25	0.05	426.25
0	-735	-253	S	200	QPN	ZG	0.00	454.50	0.63	454.50	0	-735	-253	S	201	QPN	ZG	0.00	495.00	0.63	495.00
0	-1663	2148	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	1121	1132	S	103	QPN	ZG	0.00	225.00	0.85	225.00
0	-150	1051	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-150	1051	S	108	QPN	ZG	0.00	495.00	1.41	495.00
0	-991	2039	S	202	QPN	ZG	0.00	37.80	0.89	28.85	0	3024	-2085	S	300	QPN	ZG	0.00	24.85	0.89	32.55
0	3024	-2085	S	305	QPN	ZG	0.00	194.06	0.89	201.76	0	-464	2123	S	211	QPN	ZG	0.00	193.75	0.79	193.75
0	1087	1073	S	109	QPN	ZG	0.00	580.50	1.50	580.50	0	-736	-254	S	200	QPN	ZG	0.00	454.50	0.63	454.50
0	-736	-254	S	201	QPN	ZG	0.00	495.00	0.63	495.00	0	2089	-578	S	208	QPN	ZG	0.00	499.88	0.75	499.88
0	-219	1132	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-272	-431	S	210	QPN	ZG	0.00	306.12	0.63	306.12
0	-272	-431	S	211	QPN	ZG	0.00	193.75	0.63	193.75	0	-286	-1755	S	203	QPN	ZG	0.00	519.25	0.73	519.25
0	-353	1147	S	102	QPN	ZG	0.00	603.00	1.02	603.00	0	1040	1041	S	108	QPN	ZG	0.00	238.50	0.84	238.50
0	2149	-1663	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	-240	-852	S	201	QPN	ZG	0.00	495.00	0.70	495.00
0	-240	-852	S	202	QPN	ZG	0.00	495.00	0.70	495.00	0	-852	2052	S	201	QPN	ZG	0.00	495.00	0.70	495.00
0	-852	2052	S	202	QPN	ZG	0.00	495.00	0.70	495.00	0	-298	-1933	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	-298	-1933	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	3039	-1945	S	303	QPN	ZG	0.00	232.50	0.63	232.50
0	3039	-1945	S	304	QPN	ZG	0.00	426.25	0.63	426.25	0	-1662	2149	S	203	QPN	ZG	0.00	519.25	0.51	519.25
0	2052	-992	S	202	QPN	ZG	0.00	55.68	0.89	46.74	0	-191	1087	S	109	QPN	ZG	0.00	580.50	0.78	580.50
0	2075	-258	S	208	QPN	ZG	0.00	499.88	1												



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-355	1019	S	102	QPN	ZG	0.00	603.00	0.02	603.00	0	2019	-354	S	203	QPN	ZG	0.00	519.25	0.02	519.25
0	-172	1064	S	106	QPN	ZG	0.00	454.50	0.85	454.50	0	-172	1064	S	107	QPN	ZG	0.00	495.00	0.85	495.00
0	2065	-736	S	200	QPN	ZG	0.00	454.50	0.63	454.50	0	2065	-736	S	201	QPN	ZG	0.00	495.00	0.63	495.00
0	1094	-193	S	104	QPN	ZG	0.00	342.00	1.25	342.00	0	1094	-191	S	109	QPN	ZG	0.00	580.50	0.78	580.50
0	-194	1094	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	-194	1094	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	-307	-1947	S	303	QPN	ZG	0.00	232.50	0.63	232.50	0	-307	-1947	S	304	QPN	ZG	0.00	426.25	0.63	426.25
0	1051	-151	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	1051	-151	S	108	QPN	ZG	0.30	238.50	1.41	238.50
0	1051	-151	S	108	QPN	ZG	0.00	495.00	0.30	495.00	0	-299	-1934	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	-299	-1934	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	-356	2019	S	203	QPN	ZG	0.00	519.25	0.02	519.25
0	1132	-220	S	102	QPN	ZG	0.00	603.00	1.25	603.00	0	1109	1108	S	104	QPN	ZG	0.00	342.00	1.20	342.00
0	-344	1065	S	106	QPN	ZG	0.00	454.50	0.74	454.50	0	-344	1065	S	107	QPN	ZG	0.00	495.00	0.74	495.00
0	-308	-1946	S	303	QPN	ZG	0.00	232.50	0.63	232.50	0	-308	-1946	S	304	QPN	ZG	0.00	426.25	0.63	426.25
0	2067	-737	S	200	QPN	ZG	0.00	454.50	0.85	454.50	0	2067	-737	S	201	QPN	ZG	0.00	495.00	0.85	495.00
0	-1945	-308	S	303	QPN	ZG	0.00	232.50	0.63	232.50	0	-1945	-308	S	304	QPN	ZG	0.00	426.25	0.63	426.25
0	-2085	-2086	S	300	QPN	ZG	0.00	32.55	0.89	40.25	0	-2085	-2086	S	305	QPN	ZG	0.00	201.76	0.89	209.46
0	-431	-275	S	210	QPN	ZG	0.00	306.12	0.63	306.12	0	-431	-275	S	211	QPN	ZG	0.00	193.75	0.63	193.75
0	2123	2134	S	211	QPN	ZG	0.00	193.75	0.85	193.75	0	-265	2089	S	208	QPN	ZG	0.00	499.88	0.78	499.88
0	-220	1133	S	102	QPN	ZG	0.00	603.00	1.25	603.00	0	2134	-472	S	203	QPN	ZG	0.00	519.25	0.83	519.25
0	-430	2110	S	210	QPN	ZG	0.00	306.12	0.63	306.12	0	-430	2110	S	211	QPN	ZG	0.00	193.75	0.63	193.75
0	-737	2066	S	200	QPN	ZG	0.00	454.50	0.85	454.50	0	-737	2066	S	201	QPN	ZG	0.00	495.00	0.85	495.00
0	3040	3039	S	303	QPN	ZG	0.00	232.50	0.95	232.50	0	3040	3039	S	304	QPN	ZG	0.00	426.25	0.95	426.25
0	-1935	3033	S	305	QPN	ZG	0.00	218.55	0.52	218.55	0	2096	-265	S	208	QPN	ZG	0.00	499.88	0.78	499.88
0	1148	-355	S	102	QPN	ZG	0.00	603.00	1.02	603.00	0	1065	-172	S	106	QPN	ZG	0.00	454.50	0.85	454.50
0	1065	-172	S	107	QPN	ZG	0.00	495.00	0.85	495.00	0	-1934	3033	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	-1934	3033	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	-1766	-356	S	203	QPN	ZG	0.00	519.25	0.51	519.25
0	1110	1109	S	104	QPN	ZG	0.00	342.00	1.45	342.00	0	-195	-194	S	105	QPN	ZG	0.00	342.00	1.33	342.00
0	-195	-194	S	106	QPN	ZG	0.00	454.50	1.33	454.50	0	-472	-471	S	203	QPN	ZG	0.00	519.25	0.83	519.25
0	-1944	3040	S	303	QPN	ZG	0.00	232.50	0.85	232.50	0	-1944	3040	S	304	QPN	ZG	0.00	426.25	0.85	426.25
0	2110	-470	S	211	QPN	ZG	0.00	193.75	0.56	193.75	0	-436	-270	S	209	QPN	ZG	0.00	670.38	0.58	670.38
0	-436	-270	S	210	QPN	ZG	0.00	306.12	0.58	306.12	0	-748	2096	S	200	QPN	ZG	0.00	454.50	1.00	454.50
0	1149	1148	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	2150	-1766	S	203	QPN	ZG	0.00	519.25	0.51	519.25
0	-151	-152	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-151	-152	S	108	QPN	ZG	0.00	238.50	1.41	238.50
0	3027	-2221	S	305	QPN	ZG	0.00	195.30	0.66	201.11	0	3027	-2221	S	306	QPN	ZG	0.00	232.50	0.66	232.50
0	-470	2124	S	211	QPN	ZG	0.00	193.75	0.56	193.75	0	-471	2135	S	203	QPN	ZG	0.00	519.25	0.83	519.25
0	-301	-1935	S	305	QPN	ZG	0.00	218.55	0.52	218.55	0	1108	1122	S	103	QPN	ZG	0.00	225.00	1.12	225.00
0	-1765	2150	S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	1122	1133	S	103	QPN	ZG	0.00	225.00	0.38	225.00
0	2124	2135	S	211	QPN	ZG	0.00	193.75	0.38	193.75	0	-747	-748	S	200	QPN	ZG	0.00	454.50	1.00	454.50
0	1150	1149	S	102	QPN	ZG	0.00	603.00	0.60	603.00	0	1014	1110	S	104	QPN	ZG	0.00	342.00	1.30	342.00
0	-437	-273	S	209	QPN	ZG	0.00	670.38	0.63	670.38	0	-437	-273	S	210	QPN	ZG	0.00	306.12	0.63	306.12
0	-276	-437	S	209	QPN	ZG	0.00	670.38	0.63	670.38	0	-276	-437	S	210	QPN	ZG	0.00	306.12	0.63	306.12
0	-300	-2223	S	305	QPN	ZG	0.00	218.55	0.51	218.55	0	-300	-2223	S	306	QPN	ZG	0.00	232.50	0.51	232.50
0	-746	-747	S	200	QPN	ZG	0.00	454.50	1.00	454.50	0	1011	-344	S	106	QPN	ZG	0.00	454.50	0.74	454.50
0	1011	-344	S	107	QPN	ZG	0.00	495.00	0.74	495.00	0	-345	1011	S	106	QPN	ZG	0.00	454.50	0.04	454.50
0	-345	1011	S	107	QPN	ZG	0.00	495.00	0.04	495.00	0	-173	-345	S	106	QPN	ZG	0.00	454.50	1.44	454.50
0	-173	-345	S	107	QPN	ZG	0.00	495.00	1.44	495.00	0	-342	2067	S	200	QPN	ZG	0.00	454.50	0.74	454.50
0	-342	2067	S	201	QPN	ZG	0.00	495.00	0.74	495.00	0	2011	-342	S	200	QPN	ZG	0.00	454.50	0.74	454.50
0	2011	-342	S	201	QPN	ZG	0.00	495.00	0.74	495.00	0	3041	-1944	S	303	QPN	ZG	0.00	232.50	0.85	232.50
0	3041	-1944	S	304	QPN	ZG	0.00	426.25	0.85	426.25	0	-856	2057	S	201	QPN	ZG	0.00	216.00	0.70	216.00
0	-2221	-294	S	305	QPN	ZG	0.00	201.11	0.66	206.93	0	-2221	-294	S	306	QPN	ZG	0.00	232.50	0.66	232.50
0	-438	-276	S	209	QPN	ZG	0.00	670.38	0.63	670.38	0	-438	-276	S	210	QPN	ZG	0.00	306.12	0.63	306.12
0	-346	2011	S	200	QPN	ZG	0.00	454.50	0.04	454.50	0	-346	2011	S	201	QPN	ZG	0.00	495.00	0.04	495.00
0	2058	-857	S	201	QPN	ZG	0.00	216.00	0.70	216.00	0	-1936	-301	S	305	QPN	ZG	0.00	218.55	0.52	218.55
0	3008	-1936	S	305	QPN	ZG	0.00	218.55	0.52	218.55	0	-273	-436	S	209	QPN	ZG	0.00	670.38	0.58	670.38
0	-273	-436	S	210	QPN	ZG	0.00	306.12	0.58	306.12	0	-294	-2222	S	305	QPN	ZG	0.00	206.93	0.66	212.74
0	-294	-2222	S	306	QPN	ZG	0.00	232.50	0.66	232.50	0	-2222	-300	S	305	QPN	ZG	0.00	212.74	0.66	218.55
0	-2222	-300	S	306	QPN	ZG	0.00	232.50	0.66	232.50	0	2152	2151	S	203	QPN	ZG	0.00	519.25	0.60	519.25
0	-337	-302	S	305	QPN	ZG	0.00	218.55	0.02	218.55	0	-337	-302	S	306	QPN	ZG	0.00	232.50	0.02	232.50
0	1151	1150	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	2151	-1765	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	-738	-346	S	200	QPN	ZG	0.00	454.50	0.72	454.50	0	-738	-346	S	201	QPN	ZG	0.00	495.00	0.72	495.00
0	-251	-856	S	201	QPN	ZG	0.00	216.00	0.70	216.00	0	3011	-343	S	303	QPN	ZG	0.00	232.50	0.74	232.50
0	3011	-343	S	304	QPN	ZG	0.00	426.25	0.74	426.25	0	-2086	3033	S	300	QPN	ZG	0.00	40.25	0.89	47.95
0	-2086	3033	S	305	QPN	ZG	0.22	211.39	0.89	217.16	0	-2086	3033	S	305	QPN	ZG	0.00	209.46	0.22	211.39
0	-1937	3008	S	305	QPN	ZG	0.00	218.55	0.52	218.55	0	1095	-195	S	105	QPN	ZG	0.00	342.00	1.33	342.00
0	1095	-195	S	106	QPN	ZG	0.00	454.50	1.33	454.50	0	2097	-746	S	200	QPN	ZG	0.00	454.50	1.00	454.50
0	1068	1067	S	106	QPN	ZG	0.00	454.50	0.75	454.50	0	1068	1067	S	107	QPN	ZG	0.00	495.00	0.75	495.00
0	-1938	3034	S	304	QPN	ZG	0.00	186.00	0.70	186.00	0	-1764	2152	S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	-255	-738	S	200	QPN	ZG	0.0														



**Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave**  
Progetto Esecutivo

0	1067	1066S	106	QPN	ZG	0.00	454.50	0.90	454.50	0	1067	1066S	107	QPN	ZG	0.00	495.00	0.90	495.00
0	-302	-340S	305	QPN	ZG	0.00	218.55	0.02	218.55	0	-302	-340S	306	QPN	ZG	0.00	232.50	0.02	232.50
0	-340	-2198S	305	QPN	ZG	0.00	218.55	0.51	218.55	0	-340	-2198S	306	QPN	ZG	0.00	232.50	0.51	232.50
0	2014	-438S	209	QPN	ZG	0.00	670.38	0.63	670.38	0	2014	-438S	210	QPN	ZG	0.00	306.12	0.63	306.12
0	-2198	-304S	305	QPN	ZG	0.00	218.55	0.51	218.55	0	-2198	-304S	306	QPN	ZG	0.00	232.50	0.51	232.50
0	-739	-255S	200	QPN	ZG	0.00	454.50	0.74	454.50	0	-739	-255S	201	QPN	ZG	0.43	495.00	0.74	495.00
0	-739	-255S	201	QPN	ZG	0.00	216.00	0.43	216.00	0	3034	-1937S	305	QPN	ZG	0.00	218.55	0.52	218.55
0	-1939	-306S	304	QPN	ZG	0.00	186.00	0.70	186.00	0	-1763	2154S	203	QPN	ZG	0.00	519.25	0.72	519.25
0	1098	1097S	105	QPN	ZG	0.00	342.00	0.95	342.00	0	1098	1097S	106	QPN	ZG	0.00	454.50	0.95	454.50
0	2098	2097S	200	QPN	ZG	0.00	454.50	0.60	454.50	0	-304	-2199S	305	QPN	ZG	0.00	218.55	0.52	218.55
0	-304	-2199S	306	QPN	ZG	0.00	232.50	0.52	232.50	0	1097	1096S	105	QPN	ZG	0.00	342.00	0.70	342.00
0	1097	1096S	106	QPN	ZG	0.00	454.50	0.70	454.50	0	1113	1112S	105	QPN	ZG	0.00	342.00	0.27	342.00
0	1153	1152S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	3035	-1939S	304	QPN	ZG	0.00	186.00	0.70	186.00
0	-2199	3035S	305	QPN	ZG	0.00	218.55	0.52	218.55	0	-2199	3035S	306	QPN	ZG	0.00	232.50	0.52	232.50
0	2099	2098S	200	QPN	ZG	0.00	454.50	0.70	454.50	0	2069	2068S	200	QPN	ZG	0.00	454.50	0.90	454.50
0	2069	2068S	201	QPN	ZG	0.00	216.00	0.90	216.00	0	3035	3036S	306	QPN	ZG	0.00	232.50	0.33	232.50
0	1100	-197S	106	QPN	ZG	0.00	454.50	1.29	454.50	0	-309	-1943S	303	QPN	ZG	0.00	232.50	0.74	232.50
0	-309	-1943S	304	QPN	ZG	0.00	426.25	0.74	426.25	0	1112	1111S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	-231	1153S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	-196	1098S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	-196	1098S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	3042	-1942S	303	QPN	ZG	0.00	232.50	0.74	232.50
0	3042	-1942S	304	QPN	ZG	0.00	186.00	0.74	186.00	0	1154	-231S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	2155	-1763S	203	QPN	ZG	0.00	519.25	0.72	519.25	0	-292	-1762S	203	QPN	ZG	0.00	519.25	0.53	519.25
0	2070	2069S	200	QPN	ZG	0.00	454.50	0.75	454.50	0	2070	2069S	201	QPN	ZG	0.00	216.00	0.75	216.00
0	1114	1113S	105	QPN	ZG	0.00	342.00	1.45	342.00	0	-1838	-292S	203	QPN	ZG	0.00	519.25	0.53	519.25
0	1115	1114S	105	QPN	ZG	0.00	342.00	0.27	342.00	0	1099	-196S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	1099	-196S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	-343	3041S	303	QPN	ZG	0.00	232.50	0.74	232.50
0	-343	3041S	304	QPN	ZG	0.00	426.25	0.74	426.25	0	1118	1117S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	2068	-739S	200	QPN	ZG	0.00	454.50	0.74	454.50	0	2068	-739S	201	QPN	ZG	0.00	216.00	0.74	216.00
0	-1942	-309S	303	QPN	ZG	0.00	232.50	0.74	232.50	0	-1942	-309S	304	QPN	ZG	0.43	426.25	0.74	426.25
0	-1942	-309S	304	QPN	ZG	0.00	186.00	0.43	186.00	0	3044	3043S	303	QPN	ZG	0.00	232.50	0.75	232.50
0	3044	3043S	304	QPN	ZG	0.00	186.00	0.75	186.00	0	2100	2099S	200	QPN	ZG	0.00	454.50	0.95	454.50
0	-1762	2155S	203	QPN	ZG	0.00	519.25	0.53	519.25	0	2156	-1838S	203	QPN	ZG	0.00	519.25	0.53	519.25
0	1013	1099S	106	QPN	ZG	0.00	454.50	1.29	454.50	0	-745	2100S	200	QPN	ZG	0.00	454.50	0.80	454.50
0	-744	-745S	200	QPN	ZG	0.00	454.50	0.80	454.50	0	2101	-744S	200	QPN	ZG	0.00	454.50	0.80	454.50
0	1116	1115S	105	QPN	ZG	0.00	342.00	1.45	342.00	0	1117	1116S	105	QPN	ZG	0.00	342.00	0.27	342.00
0	3036	-1940S	306	QPN	ZG	0.00	232.50	0.69	232.50	0	-1941	3044S	306	QPN	ZG	0.00	232.50	0.69	232.50
0	-743	2101S	200	QPN	ZG	0.00	454.50	0.65	454.50	0	-197	1013S	106	QPN	ZG	0.00	454.50	1.29	454.50
0	3043	3042S	303	QPN	ZG	0.00	232.50	0.90	232.50	0	3043	3042S	304	QPN	ZG	0.00	186.00	0.90	186.00
0	-1940	-1941S	306	QPN	ZG	0.00	232.50	0.69	232.50	0	2013	-743S	200	QPN	ZG	0.00	454.50	0.65	454.50
0	2105	2108S	209	QPN	ZG	0.00	670.38	1.00	670.38	0	-271	2105S	209	QPN	ZG	0.00	670.38	0.70	670.38
0	-742	2013S	200	QPN	ZG	0.00	454.50	0.65	454.50	0	-267	-742S	200	QPN	ZG	0.00	454.50	0.65	454.50
0	1119	1118S	105	QPN	ZG	0.00	342.00	1.15	342.00	0	2108	-278S	209	QPN	ZG	0.00	670.38	1.00	670.38
0	-741	-267S	200	QPN	ZG	0.00	454.50	0.65	454.50	0	-278	2121S	209	QPN	ZG	0.00	670.38	1.00	670.38
0	2102	-741S	200	QPN	ZG	0.00	454.50	0.65	454.50										

**Condizione di carico n. 3: Variabili**  
**Carichi distribuiti**

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-138	1028S	112	QA	ZG	0.00	1065.00	1.07	1065.00		0	-383	-138S	112	QA	ZG	0.00	1065.00	0.10	1065.00	
0	-383	-138S	112	QA	ZG	0.10	1065.00	1.03	1065.00		0	1006	-383S	112	QA	ZG	0.00	1065.00	0.03	1065.00	
0	-385	1006S	112	QA	ZG	0.00	1064.98	0.03	1064.98		0	1044	-385S	112	QA	ZG	0.00	1065.00	1.03	1065.00	
0	-145	1044S	112	QA	ZG	0.00	1065.00	1.30	1065.00		0	1052	-145S	112	QA	ZG	0.00	1065.00	1.30	1065.00	
0	-159	1052S	112	QA	ZG	0.00	1065.00	1.03	1065.00		0	1029	1030S	112	QA	ZG	0.00	1065.00	0.85	1065.00	
0	-164	-159S	112	QA	ZG	0.00	1065.00	1.03	1065.00		0	1060	-164S	112	QA	ZG	0.00	1065.00	1.03	1065.00	
0	1061	1060S	112	QA	ZG	0.00	1065.00	1.45	1065.00		0	1030	1005S	111	QA	ZG	0.00	1020.00	0.42	1020.00	
0	1030	1005S	112	QA	ZG	0.22	1065.00	1.15	1065.00		0	1030	1005S	112	QA	ZG	0.00	1065.00	0.22	1065.00	
0	1030	1005S	111	QA	ZG	0.42	1020.00	1.15	1020.00		0	1005	1043S	111	QA	ZG	0.00	1020.00	1.15	1020.00	
0	1005	1043S	112	QA	ZG	0.17	1065.00	1.15	1065.00		0	1005	1043S	112	QA	ZG	0.13	1064.98	0.17	1064.98	
0	1005	1043S	112	QA	ZG	0.10	1065.00	0.13	1065.00		0	1005	1043S	112	QA	ZG	0.00	1065.00	0.10	1065.00	
0	1069	1061S	112	QA	ZG	0.00	1065.00	0.95	1065.00		0	1043	1045S	111	QA	ZG	0.00	1020.00	0.85	1020.00	
0	1043	1045S	112	QA	ZG	0.00	1065.00	0.85	1065.00		0	1074	1069S	112	QA	ZG	0.00	1065.00	1.45	1065.00	
0	1045	-154S	111	QA	ZG	0.00	1020.00	1.40	1020.00		0	1045	-154S	112	QA	ZG	0.00	1065.00	1.40	1065.00	
0	1075	1074S	112	QA	ZG	0.00	1065.00	0.75	1065.00		0	-154	-158S	111	QA	ZG	0.00	1020.00	1.40	1020.00	
0	-154	-158S	112	QA	ZG	0.00	1065.00	1.40	1065.00		0	-374	1075S	100	QA	ZG	0.00	1065.00	1.14	1065.00	
0	-158	1057S	111	QA	ZG	0.00	1020.00	1.40	1020.00		0	-158	1057S	112	QA	ZG	0.00	1065.00	1.40	1065.00	
0	1012	-374S	100	QA	ZG	0.00	1065.00	0.04	1065.00		0	-371	1012S	100	QA	ZG	0.00	1065.00	0.04	1065.00	
0	1031	-424S	110	QA	ZG	0.00	1020.00	0.42	1020.00		0	1031	-424S	111	QA	ZG	0.00	1020.00	0.42	1020.00	
0	1102	-371S	100	QA	ZG	0.00	1065.00	1.14	1065.00		0	-424	-139S	110	QA	ZG	0.00	1020.00	0.62	1020.00	
0	-424	-139S	111	QA	ZG	0.00	1020.00	0.62	1020.00		0	1057	-167S	111	QA	ZG	0.00	1020.00	1.22	1020.00	
0	1057	-167S	112	QA	ZG	0.00	1065.00	1.22	1065.00		0	-139	-426S	110	QA	ZG	0.00	1020.00	0.68	1020.00	
0	-139	-426S	111	QA	ZG	0.00	1020.00	0.68	1020.00		0	1105	1102S	100	QA	ZG	0.00	1065.00	1.50	1065.00	
0	-426	1042S	110	QA	ZG	0.00	1020.00	0.47	1020.00		0	-426	1042S	111	QA	ZG	0.00	1020.00	0.47	1020.00	



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-167	-174	S111	QA	ZG	0.00	1020.00	1.22	1020.00	0	-167	-174	S112	QA	ZG	0.00	1065.00	1.22	1065.00
0	1042	-144	S110	QA	ZG	0.00	1020.00	0.57	1020.00	0	1042	-144	S111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1042	-144	S110	QA	ZG	0.57	1020.00	1.17	1020.00	0	1107	1105	S100	QA	ZG	0.00	1065.00	0.90	1065.00
0	-174	1070	S111	QA	ZG	0.00	1020.00	1.22	1020.00	0	-174	1070	S112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-144	-153	S110	QA	ZG	0.00	1020.00	1.17	1020.00	0	-144	-153	S111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1120	1107	S100	QA	ZG	0.00	1065.00	1.50	1065.00	0	1070	-180	S111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1070	-180	S112	QA	ZG	0.00	1065.00	0.82	1065.00	0	-153	1053	S110	QA	ZG	0.00	1020.00	1.17	1020.00
0	-153	1053	S111	QA	ZG	0.00	1020.00	1.17	1020.00	0	-180	1079	S111	QA	ZG	0.00	1020.00	0.82	1020.00
0	-180	1079	S112	QA	ZG	0.00	1065.00	0.82	1065.00	0	-211	1120	S100	QA	ZG	0.00	1065.00	1.00	1065.00
0	1123	-211	S100	QA	ZG	0.00	1065.00	0.10	1065.00	0	1053	-162	S110	QA	ZG	0.00	1020.00	0.82	1020.00
0	1053	-162	S111	QA	ZG	0.00	1020.00	0.82	1020.00	0	1134	1123	S101	QA	ZG	0.00	1065.00	0.25	1065.00
0	1079	-189	S100	QA	ZG	0.00	1065.00	1.15	1065.00	0	-162	1058	S110	QA	ZG	0.00	1020.00	0.82	1020.00
0	-162	1058	S111	QA	ZG	0.00	1020.00	0.82	1020.00	0	1136	1134	S101	QA	ZG	0.00	1065.00	1.45	1065.00
0	-349	-225	S101	QA	ZG	0.00	1065.00	1.23	1065.00	0	1034	-140	S109	QA	ZG	0.00	967.50	0.54	967.50
0	1034	-140	S110	QA	ZG	0.42	1020.00	1.38	1020.00	0	1034	-140	S110	QA	ZG	0.00	1020.00	0.42	1020.00
0	1034	-140	S109	QA	ZG	1.08	967.50	1.38	967.50	0	1034	-140	S109	QA	ZG	0.54	967.50	1.08	967.50
0	-225	1136	S101	QA	ZG	0.00	1065.00	1.25	1065.00	0	-189	1101	S100	QA	ZG	0.00	1065.00	1.15	1065.00
0	1058	-168	S110	QA	ZG	0.00	1020.00	1.22	1020.00	0	1058	-168	S111	QA	ZG	0.00	1020.00	1.22	1020.00
0	1101	-204	S100	QA	ZG	0.00	1065.00	1.26	1065.00	0	-140	-142	S109	QA	ZG	0.00	967.50	1.38	967.50
0	-140	-142	S110	QA	ZG	0.82	1020.00	1.38	1020.00	0	-140	-142	S110	QA	ZG	0.00	1020.00	0.82	1020.00
0	-142	1047	S109	QA	ZG	0.00	967.50	1.38	967.50	0	-142	1047	S110	QA	ZG	0.00	1020.00	1.38	1020.00
0	1071	-181	S110	QA	ZG	0.00	1020.00	0.82	1020.00	0	1071	-181	S111	QA	ZG	0.00	1020.00	0.82	1020.00
0	-168	-175	S110	QA	ZG	0.00	1020.00	1.22	1020.00	0	-168	-175	S111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-204	-208	S100	QA	ZG	0.00	1065.00	1.26	1065.00	0	1018	-349	S101	QA	ZG	0.00	1065.00	0.02	1065.00
0	-347	1018	S101	QA	ZG	0.00	1065.00	0.02	1065.00	0	-175	1071	S110	QA	ZG	0.00	1020.00	1.22	1020.00
0	-175	1071	S111	QA	ZG	0.00	1020.00	1.22	1020.00	0	-229	-347	S101	QA	ZG	0.00	1065.00	1.23	1065.00
0	-208	-379	S100	QA	ZG	0.00	1065.00	1.23	1065.00	0	1047	-155	S109	QA	ZG	0.00	967.50	0.90	967.50
0	1047	-155	S110	QA	ZG	0.00	1020.00	0.90	1020.00	0	-379	1015	S100	QA	ZG	0.00	1065.00	0.03	1065.00
0	1015	-377	S100	QA	ZG	0.00	1065.00	0.03	1065.00	0	-377	-212	S100	QA	ZG	0.00	1065.00	1.13	1065.00
0	1137	-229	S101	QA	ZG	0.00	1065.00	1.25	1065.00	0	-181	-419	S110	QA	ZG	0.00	1020.00	0.76	1020.00
0	-181	-419	S111	QA	ZG	0.00	1020.00	0.76	1020.00	0	2020	-982	S202	QA	ZG	0.00	550.00	0.90	550.00
0	-212	1126	S100	QA	ZG	0.00	1065.00	0.10	1065.00	0	1126	-216	S102	QA	ZG	0.00	1005.00	0.78	1005.00
0	-155	1054	S109	QA	ZG	0.00	967.50	0.90	967.50	0	-155	1054	S110	QA	ZG	0.00	1020.00	0.90	1020.00
0	1020	-122	S108	QA	ZG	0.00	825.00	0.90	825.00	0	-419	1082	S110	QA	ZG	0.00	1020.00	0.06	1020.00
0	-419	1082	S111	QA	ZG	0.00	1020.00	0.06	1020.00	0	-122	1021	S108	QA	ZG	0.00	825.00	0.90	825.00
0	1126	1135	S101	QA	ZG	0.00	1065.00	0.30	1065.00	0	-329	1036	S109	QA	ZG	0.00	967.50	0.54	967.50
0	1004	-329	S109	QA	ZG	0.00	967.50	0.54	967.50	0	1021	1022	S108	QA	ZG	0.00	825.00	1.15	825.00
0	-328	1004	S109	QA	ZG	0.00	967.50	0.24	967.50	0	-328	1004	S109	QA	ZG	0.24	967.50	0.54	967.50
0	-982	2021	S202	QA	ZG	0.00	550.00	0.90	550.00	0	2021	-983	S202	QA	ZG	0.00	550.00	0.57	550.00
0	1135	-222	S101	QA	ZG	0.00	1065.00	1.28	1065.00	0	1054	-166	S109	QA	ZG	0.00	967.50	1.34	967.50
0	1054	-166	S110	QA	ZG	0.00	1020.00	1.34	1020.00	0	2022	-984	S202	QA	ZG	0.00	550.00	0.72	550.00
0	1049	-146	S107	QA	ZG	0.00	825.00	0.76	825.00	0	1049	-146	S108	QA	ZG	0.00	825.00	0.76	825.00
0	-216	1127	S102	QA	ZG	0.00	1005.00	0.78	1005.00	0	-166	-405	S109	QA	ZG	0.00	967.50	0.67	967.50
0	-166	-405	S110	QA	ZG	0.00	1020.00	0.67	1020.00	0	-141	-328	S109	QA	ZG	0.00	967.50	0.54	967.50
0	1022	1023	S108	QA	ZG	0.00	825.00	1.45	825.00	0	1046	-141	S109	QA	ZG	0.00	967.50	1.08	967.50
0	1023	1024	S108	QA	ZG	0.00	825.00	1.20	825.00	0	-983	2022	S202	QA	ZG	0.00	550.00	0.57	550.00
0	1048	1049	S107	QA	ZG	0.00	825.00	1.15	825.00	0	1048	1049	S108	QA	ZG	0.00	825.00	1.15	825.00
0	-405	1010	S109	QA	ZG	0.00	967.50	0.67	967.50	0	-405	1010	S110	QA	ZG	0.00	1020.00	0.67	1020.00
0	1127	1128	S102	QA	ZG	0.00	1005.00	0.90	1005.00	0	-222	-224	S101	QA	ZG	0.00	1065.00	1.28	1065.00
0	1010	-408	S109	QA	ZG	0.00	967.50	0.67	967.50	0	1010	-408	S110	QA	ZG	0.00	1020.00	0.67	1020.00
0	-408	-176	S109	QA	ZG	0.00	967.50	0.67	967.50	0	-408	-176	S110	QA	ZG	0.00	1020.00	0.67	1020.00
0	-984	2023	S202	QA	ZG	0.00	550.00	0.72	550.00	0	2023	-985	S202	QA	ZG	0.00	550.00	0.60	550.00
0	-224	-226	S101	QA	ZG	0.00	1065.00	1.28	1065.00	0	-176	-179	S109	QA	ZG	0.00	967.50	1.34	967.50
0	-176	-179	S110	QA	ZG	0.00	1020.00	1.34	1020.00	0	1129	1130	S102	QA	ZG	0.00	1005.00	0.95	1005.00
0	1128	1129	S102	QA	ZG	0.00	1005.00	1.45	1005.00	0	1048	1046	S109	QA	ZG	0.00	967.50	0.90	967.50
0	-985	2024	S202	QA	ZG	0.00	550.00	0.60	550.00	0	2024	-986	S202	QA	ZG	0.00	550.00	0.72	550.00
0	-157	1048	S109	QA	ZG	0.00	967.50	1.38	967.50	0	-179	1085	S109	QA	ZG	0.00	967.50	1.34	967.50
0	-179	1085	S110	QA	ZG	0.00	1020.00	1.34	1020.00	0	-163	-157	S109	QA	ZG	0.00	967.50	1.38	967.50
0	1050	-147	S107	QA	ZG	0.00	825.00	0.70	825.00	0	1050	-147	S108	QA	ZG	0.00	825.00	0.70	825.00
0	-323	-163	S109	QA	ZG	0.00	967.50	0.69	967.50	0	2049	-848	S201	QA	ZG	0.00	550.00	0.57	550.00
0	2049	-848	S202	QA	ZG	0.00	550.00	0.57	550.00	0	-226	-228	S101	QA	ZG	0.00	1065.00	1.28	1065.00
0	1024	1025	S108	QA	ZG	0.00	825.00	1.45	825.00	0	-848	2050	S201	QA	ZG	0.00	550.00	0.57	550.00
0	-848	2050	S202	QA	ZG	0.00	550.00	0.57	550.00	0	-986	2025	S202	QA	ZG	0.00	550.00	0.72	550.00
0	-236	2051	S201	QA	ZG	0.00	550.00	0.76	550.00	0	-236	2051	S202	QA	ZG	0.00	550.00	0.76	550.00
0	1130	1131	S102	QA	ZG	0.00	1005.00	1.45	1005.00	0	2050	-236	S201	QA	ZG	0.00	550.00	0.76	550.00
0	2050	-236	S202	QA	ZG	0.00	550.00	0.76	550.00	0	1025	1026	S108	QA	ZG	0.00	825.00	1.20	825.00
0	2025	-987	S202	QA	ZG	0.00	550.00	0.60	550.00	0	-146	1050	S107	QA	ZG	0.00	825.00	0.76	825.00
0	-146	1050	S108	QA	ZG	0.00	825.00	0.76	825.00	0	-228	1142	S101	QA	ZG	0.00	1065.00	1.28	1065.00
0	2051	-237	S201	QA	ZG	0.00	550.00	0.70	550.00	0	2051	-237	S202	QA	ZG	0.00	550.00	0.70	550.00
0	-987	2026	S202	QA	ZG	0.00	550.00	0.60	550.00	0	1131	-359	S102	QA	ZG	0.00	1005.00	1.43	1005.00
0	1085																		



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-147	-148	S107	QA	ZG	0.00	825.00	0.70	825.00	0	-147	-148	S108	QA	ZG	0.00	825.00	0.70	825.00
0	-237	-238	S201	QA	ZG	0.00	550.00	0.70	550.00	0	-237	-238	S202	QA	ZG	0.00	550.00	0.70	550.00
0	1088	1089	S109	QA	ZG	0.00	967.50	0.61	967.50	0	-363	-217	S102	QA	ZG	0.00	1005.00	1.43	1005.00
0	-123	1027	S108	QA	ZG	0.00	825.00	0.88	825.00	0	1089	-198	S103	QA	ZG	0.00	375.00	0.10	375.00
0	-320	1009	S109	QA	ZG	0.00	967.50	0.69	967.50	0	-315	1007	S107	QA	ZG	0.00	825.00	0.05	825.00
0	-315	1007	S108	QA	ZG	0.00	825.00	0.05	825.00	0	1009	-323	S109	QA	ZG	0.00	967.50	0.69	967.50
0	-238	-849	S201	QA	ZG	0.00	550.00	0.68	550.00	0	-238	-849	S202	QA	ZG	0.00	550.00	0.68	550.00
0	1144	1143	S102	QA	ZG	0.00	1005.00	0.95	1005.00	0	-149	-150	S107	QA	ZG	0.00	825.00	1.41	825.00
0	-149	-150	S108	QA	ZG	0.00	825.00	1.41	825.00	0	-316	2007	S201	QA	ZG	0.00	550.00	0.05	550.00
0	-316	2007	S202	QA	ZG	0.00	550.00	0.05	550.00	0	2007	-310	S201	QA	ZG	0.00	550.00	0.05	550.00
0	2007	-310	S202	QA	ZG	0.00	550.00	0.05	550.00	0	-170	1062	S106	QA	ZG	0.00	757.50	1.27	757.50
0	-170	1062	S107	QA	ZG	0.00	825.00	1.27	825.00	0	-148	-315	S107	QA	ZG	0.00	825.00	1.35	825.00
0	-148	-315	S108	QA	ZG	0.00	825.00	1.35	825.00	0	-198	1104	S103	QA	ZG	0.00	375.00	1.20	375.00
0	-849	-316	S201	QA	ZG	0.00	550.00	0.68	550.00	0	-849	-316	S202	QA	ZG	0.00	550.00	0.68	550.00
0	1145	1144	S102	QA	ZG	0.00	1005.00	1.45	1005.00	0	-253	-734	S200	QA	ZG	0.00	505.00	0.63	505.00
0	-253	-734	S201	QA	ZG	0.00	550.00	0.63	550.00	0	-205	-210	S103	QA	ZG	0.00	375.00	1.05	375.00
0	1062	-320	S109	QA	ZG	0.00	967.50	0.69	967.50	0	1007	-312	S107	QA	ZG	0.00	825.00	0.05	825.00
0	1007	-312	S108	QA	ZG	0.00	825.00	0.05	825.00	0	-171	-170	S106	QA	ZG	0.00	757.50	1.27	757.50
0	-171	-170	S107	QA	ZG	0.00	825.00	1.27	825.00	0	-988	2027	S202	QA	ZG	0.00	550.00	0.57	550.00
0	-988	2027	S202	QA	ZG	0.78	373.33	0.88	285.00	0	-988	2027	S202	QA	ZG	0.68	461.67	0.78	373.33
0	-988	2027	S202	QA	ZG	0.57	550.00	0.68	461.67	0	1104	-205	S103	QA	ZG	0.00	375.00	1.05	375.00
0	1039	1040	S108	QA	ZG	0.00	397.50	1.20	397.50	0	-217	-218	S102	QA	ZG	0.00	1005.00	1.46	1005.00
0	1038	1039	S108	QA	ZG	0.00	397.50	0.47	397.50	0	-312	-149	S107	QA	ZG	0.00	825.00	1.35	825.00
0	-312	-149	S108	QA	ZG	0.00	825.00	1.35	825.00	0	-310	-850	S201	QA	ZG	0.00	550.00	0.68	550.00
0	-310	-850	S202	QA	ZG	0.00	550.00	0.68	550.00	0	-199	-202	S103	QA	ZG	0.00	375.00	1.17	375.00
0	-178	1062	S109	QA	ZG	0.00	967.50	1.00	967.50	0	1091	-199	S103	QA	ZG	0.00	375.00	0.10	375.00
0	1092	1091	S104	QA	ZG	0.00	570.00	0.55	570.00	0	1073	-178	S109	QA	ZG	0.00	967.50	1.00	967.50
0	-202	-206	S103	QA	ZG	0.00	375.00	1.27	375.00	0	-850	-239	S201	QA	ZG	0.00	550.00	0.68	550.00
0	-850	-239	S202	QA	ZG	0.00	550.00	0.68	550.00	0	1146	1145	S102	QA	ZG	0.00	1005.00	1.05	1005.00
0	-239	-851	S201	QA	ZG	0.00	550.00	0.70	550.00	0	-239	-851	S202	QA	ZG	0.00	550.00	0.70	550.00
0	1093	1092	S104	QA	ZG	0.00	570.00	0.90	570.00	0	-210	1121	S103	QA	ZG	0.00	375.00	1.05	375.00
0	-218	-219	S102	QA	ZG	0.00	1005.00	1.46	1005.00	0	1147	1146	S102	QA	ZG	0.00	1005.00	1.45	1005.00
0	1063	-171	S106	QA	ZG	0.00	757.50	1.27	757.50	0	1063	-171	S107	QA	ZG	0.00	825.00	1.27	825.00
0	-193	1093	S104	QA	ZG	0.00	570.00	1.25	570.00	0	-851	-240	S201	QA	ZG	0.00	550.00	0.70	550.00
0	-851	-240	S202	QA	ZG	0.00	550.00	0.70	550.00	0	-735	-253	S200	QA	ZG	0.00	505.00	0.63	505.00
0	-735	-253	S201	QA	ZG	0.00	550.00	0.63	550.00	0	1121	1132	S103	QA	ZG	0.00	375.00	0.85	375.00
0	-150	1051	S107	QA	ZG	0.00	825.00	1.41	825.00	0	-150	1051	S108	QA	ZG	0.00	825.00	1.41	825.00
0	-991	2039	S202	QA	ZG	0.00	42.00	0.89	32.06	0	1087	1073	S109	QA	ZG	0.00	967.50	1.50	967.50
0	-736	-254	S200	QA	ZG	0.00	505.00	0.63	505.00	0	-736	-254	S201	QA	ZG	0.00	550.00	0.63	550.00
0	-219	1132	S102	QA	ZG	0.00	1005.00	1.46	1005.00	0	-353	1147	S102	QA	ZG	0.00	1005.00	1.02	1005.00
0	1040	1041	S108	QA	ZG	0.00	397.50	0.84	397.50	0	-240	-852	S201	QA	ZG	0.00	550.00	0.70	550.00
0	-240	-852	S202	QA	ZG	0.00	550.00	0.70	550.00	0	-852	2052	S201	QA	ZG	0.00	550.00	0.70	550.00
0	-852	2052	S202	QA	ZG	0.00	550.00	0.70	550.00	0	2052	-992	S202	QA	ZG	0.00	61.87	0.89	51.93
0	-191	1087	S109	QA	ZG	0.00	967.50	0.78	967.50	0	-992	-991	S202	QA	ZG	0.00	51.93	0.89	42.00
0	-206	1108	S103	QA	ZG	0.00	375.00	1.27	375.00	0	1064	1063	S106	QA	ZG	0.00	757.50	0.95	757.50
0	1064	1063	S107	QA	ZG	0.00	825.00	0.95	825.00	0	-254	-735	S200	QA	ZG	0.00	505.00	0.63	505.00
0	-254	-735	S201	QA	ZG	0.00	550.00	0.63	550.00	0	1019	-353	S102	QA	ZG	0.00	1005.00	0.02	1005.00
0	2066	2065	S200	QA	ZG	0.00	505.00	0.95	505.00	0	2066	2065	S201	QA	ZG	0.00	550.00	0.95	550.00
0	-355	1019	S102	QA	ZG	0.00	1005.00	0.02	1005.00	0	-172	1064	S106	QA	ZG	0.00	757.50	0.85	757.50
0	-172	1064	S107	QA	ZG	0.00	825.00	0.85	825.00	0	2065	-736	S200	QA	ZG	0.00	505.00	0.63	505.00
0	2065	-736	S201	QA	ZG	0.00	550.00	0.63	550.00	0	1094	-193	S104	QA	ZG	0.00	570.00	1.25	570.00
0	1094	-191	S109	QA	ZG	0.00	967.50	0.78	967.50	0	-194	1094	S105	QA	ZG	0.00	570.00	1.33	570.00
0	-194	1094	S106	QA	ZG	0.00	757.50	1.33	757.50	0	1051	-151	S107	QA	ZG	0.00	825.00	1.41	825.00
0	1051	-151	S108	QA	ZG	0.30	397.50	1.41	397.50	0	1051	-151	S108	QA	ZG	0.00	825.00	0.30	825.00
0	1132	-220	S102	QA	ZG	0.00	1005.00	1.25	1005.00	0	1109	1108	S104	QA	ZG	0.00	570.00	1.20	570.00
0	-344	1065	S106	QA	ZG	0.00	757.50	0.74	757.50	0	-344	1065	S107	QA	ZG	0.00	825.00	0.74	825.00
0	2067	-737	S200	QA	ZG	0.00	505.00	0.85	505.00	0	2067	-737	S201	QA	ZG	0.00	550.00	0.85	550.00
0	-220	1133	S102	QA	ZG	0.00	1005.00	1.25	1005.00	0	-737	2066	S200	QA	ZG	0.00	505.00	0.85	505.00
0	-737	2066	S201	QA	ZG	0.00	550.00	0.85	550.00	0	1148	-355	S102	QA	ZG	0.00	1005.00	1.02	1005.00
0	1065	-172	S106	QA	ZG	0.00	757.50	0.85	757.50	0	1065	-172	S107	QA	ZG	0.00	825.00	0.85	825.00
0	1110	1109	S104	QA	ZG	0.00	570.00	1.45	570.00	0	-195	-194	S105	QA	ZG	0.00	570.00	1.33	570.00
0	-195	-194	S106	QA	ZG	0.00	757.50	1.33	757.50	0	-748	2096	S200	QA	ZG	0.00	505.00	1.00	505.00
0	1149	1148	S102	QA	ZG	0.00	1005.00	1.45	1005.00	0	-151	-152	S107	QA	ZG	0.00	825.00	1.41	825.00
0	-151	-152	S108	QA	ZG	0.00	397.50	1.41	397.50	0	1108	1122	S103	QA	ZG	0.00	375.00	1.12	375.00
0	1122	1133	S103	QA	ZG	0.00	375.00	0.38	375.00	0	-747	-748	S200	QA	ZG	0.00	505.00	1.00	505.00
0	1150	1149	S102	QA	ZG	0.00	1005.00	0.60	1005.00	0	1014	1110	S104	QA	ZG	0.00	570.00	1.30	570.00
0	-746	-747	S200	QA	ZG	0.00	505.00	1.00	505.00	0	1011	-344	S106	QA	ZG	0.00	757.50	0.74	757.50
0	1011	-344	S107	QA	ZG	0.00	825.00	0.74	825.00	0	-345	1011	S106	QA	ZG	0.00	757.50	0.04	757.50
0	-345	1011	S107	QA	ZG	0.00	825.00	0.04	825.00	0	-173	-345	S106	QA	ZG	0.00	757.50	1.44	757.50
0	-173	-345	S107	QA	ZG	0.00	825.00	1.44	825.00	0	-342	2067	S200	QA	ZG	0.00	505.00	0.74	505.00
0	-342	2067	S201	QA	ZG	0.00	550.00	0.74	550.00	0	2011	-342	S200	QA	ZG	0.00	505.00	0.74	505.00





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-738	-346	S	200	QA	ZG	0.00	505.00	0.72	505.00	0	-738	-346	S	201	QA	ZG	0.00	550.00	0.72	550.00
0	-251	-856	S	201	QA	ZG	0.00	240.00	0.70	240.00	0	1095	-195	S	105	QA	ZG	0.00	570.00	1.33	570.00
0	1095	-195	S	106	QA	ZG	0.00	757.50	1.33	757.50	0	2097	-746	S	200	QA	ZG	0.00	505.00	1.00	505.00
0	1068	1067	S	106	QA	ZG	0.00	757.50	0.75	757.50	0	1068	1067	S	107	QA	ZG	0.00	825.00	0.75	825.00
0	-255	-738	S	200	QA	ZG	0.00	505.00	0.72	505.00	0	-255	-738	S	201	QA	ZG	0.00	550.00	0.72	550.00
0	-857	-251	S	201	QA	ZG	0.00	240.00	0.70	240.00	0	1152	1151	S	102	QA	ZG	0.00	1005.00	0.60	1005.00
0	1111	1014	S	105	QA	ZG	0.00	570.00	0.89	570.00	0	1096	1095	S	105	QA	ZG	0.00	570.00	0.60	570.00
0	1096	1095	S	106	QA	ZG	0.00	757.50	0.60	757.50	0	1066	-173	S	106	QA	ZG	0.00	757.50	1.47	757.50
0	1066	-173	S	107	QA	ZG	0.00	825.00	1.47	825.00	0	1067	1066	S	106	QA	ZG	0.00	757.50	0.90	757.50
0	1067	1066	S	107	QA	ZG	0.00	825.00	0.90	825.00	0	-739	-255	S	200	QA	ZG	0.00	505.00	0.74	505.00
0	-739	-255	S	201	QA	ZG	0.43	550.00	0.74	550.00	0	-739	-255	S	201	QA	ZG	0.00	240.00	0.43	240.00
0	1098	1097	S	105	QA	ZG	0.00	570.00	0.95	570.00	0	1098	1097	S	106	QA	ZG	0.00	757.50	0.95	757.50
0	2098	2097	S	200	QA	ZG	0.00	505.00	0.60	505.00	0	1097	1096	S	105	QA	ZG	0.00	570.00	0.70	570.00
0	1097	1096	S	106	QA	ZG	0.00	757.50	0.70	757.50	0	1113	1112	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	1153	1152	S	102	QA	ZG	0.00	1005.00	1.45	1005.00	0	2099	2098	S	200	QA	ZG	0.00	505.00	0.70	505.00
0	2069	2068	S	200	QA	ZG	0.00	505.00	0.90	505.00	0	2069	2068	S	201	QA	ZG	0.00	240.00	0.90	240.00
0	1100	-197	S	106	QA	ZG	0.00	757.50	1.29	757.50	0	1112	1111	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	-231	1153	S	102	QA	ZG	0.00	1005.00	1.05	1005.00	0	-196	1098	S	105	QA	ZG	0.00	570.00	1.20	570.00
0	-196	1098	S	106	QA	ZG	0.00	757.50	1.20	757.50	0	1154	-231	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	2070	2069	S	200	QA	ZG	0.00	505.00	0.75	505.00	0	2070	2069	S	201	QA	ZG	0.00	240.00	0.75	240.00
0	1114	1113	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	1115	1114	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	1099	-196	S	105	QA	ZG	0.00	570.00	1.20	570.00	0	1099	-196	S	106	QA	ZG	0.00	757.50	1.20	757.50
0	1118	1117	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	2068	-739	S	200	QA	ZG	0.00	505.00	0.74	505.00
0	2068	-739	S	201	QA	ZG	0.00	240.00	0.74	240.00	0	2100	2099	S	200	QA	ZG	0.00	505.00	0.95	505.00
0	1013	1099	S	106	QA	ZG	0.00	757.50	1.29	757.50	0	-745	2100	S	200	QA	ZG	0.00	505.00	0.80	505.00
0	-744	-745	S	200	QA	ZG	0.00	505.00	0.80	505.00	0	2101	-744	S	200	QA	ZG	0.00	505.00	0.80	505.00
0	1116	1115	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	1117	1116	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	-743	2101	S	200	QA	ZG	0.00	505.00	0.65	505.00	0	-197	1013	S	106	QA	ZG	0.00	757.50	1.29	757.50
0	2013	-743	S	200	QA	ZG	0.00	505.00	0.65	505.00	0	-742	2013	S	200	QA	ZG	0.00	505.00	0.65	505.00
0	-267	-742	S	200	QA	ZG	0.00	505.00	0.65	505.00	0	1119	1118	S	105	QA	ZG	0.00	570.00	1.15	570.00
0	-741	-267	S	200	QA	ZG	0.00	505.00	0.65	505.00	0	2102	-741	S	200	QA	ZG	0.00	505.00	0.65	505.00

### Condizione di carico n. 4: Variabili Neve Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-1515	2028	S	205	QA2	ZG	0.00	426.00	0.53	426.00	0	-233	-1515	S	205	QA2	ZG	0.00	426.00	0.22	426.00
0	-233	-1515	S	205	QA2	ZG	0.22	426.00	0.53	426.00	0	-1514	-233	S	205	QA2	ZG	0.00	426.00	0.16	426.00
0	-1514	-233	S	205	QA2	ZG	0.16	426.00	0.52	426.00	0	2006	-384	S	205	QA2	ZG	0.00	426.00	0.03	426.00
0	-384	-1514	S	205	QA2	ZG	0.00	426.00	0.10	426.00	0	-384	-1514	S	205	QA2	ZG	0.10	426.00	0.52	426.00
0	-386	2006	S	205	QA2	ZG	0.00	425.99	0.03	425.99	0	-1379	-386	S	205	QA2	ZG	0.00	426.00	0.52	426.00
0	2045	-1379	S	205	QA2	ZG	0.00	426.00	0.52	426.00	0	-1378	2045	S	205	QA2	ZG	0.00	426.00	0.87	426.00
0	-1377	-1378	S	205	QA2	ZG	0.00	426.00	0.87	426.00	0	2054	-1377	S	205	QA2	ZG	0.00	426.00	0.87	426.00
0	2029	2030	S	205	QA2	ZG	0.00	426.00	0.53	426.00	0	2029	2030	S	205	QA2	ZG	0.53	426.00	0.85	426.00
0	-1376	2054	S	205	QA2	ZG	0.00	426.00	0.52	426.00	0	-246	-1376	S	205	QA2	ZG	0.00	426.00	0.52	426.00
0	-1374	-250	S	205	QA2	ZG	0.00	426.00	0.52	426.00	0	-1375	-246	S	205	QA2	ZG	0.00	426.00	0.52	426.00
0	-250	-1375	S	205	QA2	ZG	0.00	426.00	0.52	426.00	0	2062	-1374	S	205	QA2	ZG	0.00	426.00	0.52	426.00
0	2030	-1238	S	205	QA2	ZG	0.00	426.00	0.22	426.00	0	2030	-1238	S	206	QA2	ZG	0.42	408.00	0.57	408.00
0	2030	-1238	S	206	QA2	ZG	0.00	408.00	0.42	408.00	0	2030	-1238	S	205	QA2	ZG	0.22	426.00	0.57	426.00
0	-1238	2005	S	205	QA2	ZG	0.00	426.00	0.57	426.00	0	-1238	2005	S	206	QA2	ZG	0.47	408.00	0.57	408.00
0	-1238	2005	S	206	QA2	ZG	0.00	408.00	0.47	408.00	0	-1373	2062	S	205	QA2	ZG	0.00	426.00	0.72	426.00
0	2005	-1237	S	205	QA2	ZG	0.00	426.00	0.10	426.00	0	2005	-1237	S	206	QA2	ZG	0.00	408.00	0.57	408.00
0	2005	-1237	S	205	QA2	ZG	0.17	426.00	0.57	426.00	0	2005	-1237	S	205	QA2	ZG	0.13	425.99	0.17	425.99
0	2005	-1237	S	205	QA2	ZG	0.10	426.00	0.13	426.00	0	-1237	2044	S	205	QA2	ZG	0.00	426.00	0.57	426.00
0	-1237	2044	S	206	QA2	ZG	0.00	408.00	0.57	408.00	0	2063	-1373	S	205	QA2	ZG	0.00	426.00	0.72	426.00
0	2044	2046	S	205	QA2	ZG	0.00	426.00	0.85	426.00	0	2044	2046	S	206	QA2	ZG	0.00	408.00	0.85	408.00
0	-1372	2071	S	205	QA2	ZG	0.00	426.00	0.72	426.00	0	-1236	2053	S	205	QA2	ZG	0.00	426.00	0.70	426.00
0	-1236	2053	S	206	QA2	ZG	0.00	408.00	0.70	408.00	0	2046	-1236	S	205	QA2	ZG	0.00	426.00	0.70	426.00
0	2046	-1236	S	206	QA2	ZG	0.00	408.00	0.70	408.00	0	2053	-1235	S	205	QA2	ZG	0.00	426.00	0.70	426.00
0	2053	-1235	S	206	QA2	ZG	0.00	408.00	0.70	408.00	0	2071	2063	S	205	QA2	ZG	0.00	426.00	0.95	426.00
0	2076	-1372	S	205	QA2	ZG	0.00	426.00	0.72	426.00	0	2077	2076	S	205	QA2	ZG	0.00	426.00	0.75	426.00
0	-1235	-245	S	205	QA2	ZG	0.00	426.00	0.70	426.00	0	-1235	-245	S	206	QA2	ZG	0.00	408.00	0.70	408.00
0	-245	-1234	S	205	QA2	ZG	0.00	426.00	0.70	426.00	0	-245	-1234	S	206	QA2	ZG	0.00	408.00	0.70	408.00
0	-375	-1615	S	204	QA2	ZG	0.00	426.00	0.57	426.00	0	2012	-375	S	204	QA2	ZG	0.00	426.00	0.04	426.00
0	-1234	2059	S	205	QA2	ZG	0.00	426.00	0.70	426.00	0	-1234	2059	S	206	QA2	ZG	0.00	408.00	0.70	408.00
0	2031	-425	S	206	QA2	ZG	0.00	408.00	0.42	408.00	0	2031	-425	S	207	QA2	ZG	0.00	408.00	0.42	408.00
0	-1615	2077	S	204	QA2	ZG	0.00	426.00	0.57	426.00	0	-372	2012	S	204	QA2	ZG	0.00	426.00	0.04	426.00
0	-1540	-372	S	204	QA2	ZG	0.00	426.00	0.57	426.00	0	-425	2037	S	206	QA2	ZG	0.00	408.00	0.15	408.00
0	-425	2037	S	207	QA2	ZG	0.41	408.00	0.62	408.00	0	-425	2037	S	207	QA2	ZG	0.00	408.00	0.41	408.00
0	-425	2037	S	206	QA2	ZG	0.15	408.00	0.62	408.00	0	2104	-1540	S	204	QA2	ZG	0.00	426.00	0.57	426.00
0	2059	-1233	S	205	QA2	ZG	0.00	426.00	0.91	426.00	0	2059	-1233	S	206	QA2	ZG	0.00	408.00	0.91	408.00
0	2037	-427	S	206	QA2	ZG	0.00	408.00	0.68	408.00	0	2037	-427	S	207	QA2	ZG	0.00	408.00	0.68	408.00
0	-1233	-1232	S	205	QA2	ZG	0.00	426.00	0.91	426.00	0	-1233	-1232	S	206	QA2	ZG	0.00	408.00	0.91	408.00



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-427	2043	S	206	QA2	ZG	0.00	408.00	0.47	408.00	0	-427	2043	S	207	QA2	ZG	0.00	408.00	0.47	408.00	
0	-1539	2104	S	204	QA2	ZG	0.00	426.00	0.75	426.00	0	2107	-1539	S	204	QA2	ZG	0.00	426.00	0.75	426.00	
0	2043	-1106	S	206	QA2	ZG	0.00	408.00	0.88	408.00	0	0	2043	-1106	S	207	QA2	ZG	0.29	408.00	0.88	408.00
0	2043	-1106	S	207	QA2	ZG	0.00	408.00	0.29	408.00	0	0	2109	2107	S	204	QA2	ZG	0.00	426.00	0.90	426.00
0	-1232	-1231	S	205	QA2	ZG	0.00	426.00	0.91	426.00	0	0	-1232	-1231	S	206	QA2	ZG	0.00	408.00	0.91	408.00
0	-1106	-1105	S	206	QA2	ZG	0.00	408.00	0.88	408.00	0	0	-1106	-1105	S	207	QA2	ZG	0.00	408.00	0.88	408.00
0	-1538	2109	S	204	QA2	ZG	0.00	426.00	0.75	426.00	0	0	-1231	2072	S	205	QA2	ZG	0.00	426.00	0.91	426.00
0	-1231	2072	S	206	QA2	ZG	0.00	408.00	0.91	408.00	0	0	-1105	-1104	S	206	QA2	ZG	0.00	408.00	0.88	408.00
0	-1105	-1104	S	207	QA2	ZG	0.00	408.00	0.88	408.00	0	0	-279	2122	S	204	QA2	ZG	0.00	426.00	1.00	426.00
0	2072	-260	S	205	QA2	ZG	0.00	426.00	0.82	426.00	0	0	2072	-260	S	206	QA2	ZG	0.00	408.00	0.82	408.00
0	-260	2081	S	205	QA2	ZG	0.00	426.00	0.82	426.00	0	0	-260	2081	S	206	QA2	ZG	0.00	408.00	0.82	408.00
0	2122	-1538	S	204	QA2	ZG	0.00	426.00	0.75	426.00	0	0	-1104	2055	S	206	QA2	ZG	0.00	408.00	0.88	408.00
0	-1104	2055	S	207	QA2	ZG	0.00	408.00	0.88	408.00	0	0	2055	-248	S	206	QA2	ZG	0.00	408.00	0.82	408.00
0	2055	-248	S	207	QA2	ZG	0.00	408.00	0.82	408.00	0	0	2081	-1616	S	204	QA2	ZG	0.00	426.00	0.77	426.00
0	-568	-567	S	207	QA2	ZG	0.00	408.00	0.22	408.00	0	0	-568	-567	S	208	QA2	ZG	0.80	387.00	0.83	387.00
0	-568	-567	S	208	QA2	ZG	0.25	387.00	0.80	387.00	0	0	-568	-567	S	208	QA2	ZG	0.00	387.00	0.25	387.00
0	-568	-567	S	207	QA2	ZG	0.22	408.00	0.83	408.00	0	0	-1851	2125	S	203	QA2	ZG	0.00	402.00	0.64	402.00
0	-248	2060	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	0	-248	2060	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-1616	-1617	S	204	QA2	ZG	0.00	426.00	0.77	426.00	0	0	-281	-1851	S	203	QA2	ZG	0.00	402.00	0.28	402.00
0	-281	-1851	S	203	QA2	ZG	0.28	402.00	0.64	402.00	0	0	2034	-568	S	207	QA2	ZG	0.00	408.00	0.42	408.00
0	2034	-568	S	208	QA2	ZG	0.54	387.00	0.83	387.00	0	0	2034	-568	S	208	QA2	ZG	0.00	387.00	0.54	387.00
0	2034	-568	S	207	QA2	ZG	0.42	408.00	0.83	408.00	0	0	-1852	-281	S	203	QA2	ZG	0.00	402.00	0.64	402.00
0	-1617	2103	S	204	QA2	ZG	0.00	426.00	0.77	426.00	0	0	2060	-1103	S	206	QA2	ZG	0.00	408.00	0.91	408.00
0	2060	-1103	S	207	QA2	ZG	0.00	408.00	0.91	408.00	0	0	2103	-1548	S	204	QA2	ZG	0.00	426.00	0.63	426.00
0	-282	-1852	S	203	QA2	ZG	0.00	402.00	0.55	402.00	0	0	-282	-1852	S	203	QA2	ZG	0.55	402.00	0.64	402.00
0	-283	-1853	S	203	QA2	ZG	0.00	402.00	0.64	402.00	0	0	-274	-1549	S	204	QA2	ZG	0.00	426.00	0.63	426.00
0	-1103	-1102	S	206	QA2	ZG	0.00	408.00	0.91	408.00	0	0	-1103	-1102	S	207	QA2	ZG	0.00	408.00	0.91	408.00
0	-567	-566	S	207	QA2	ZG	0.00	408.00	0.54	408.00	0	0	-567	-566	S	208	QA2	ZG	0.51	387.00	0.83	387.00
0	-567	-566	S	208	QA2	ZG	0.00	387.00	0.51	387.00	0	0	-567	-566	S	207	QA2	ZG	0.54	408.00	0.83	408.00
0	-1853	-282	S	203	QA2	ZG	0.00	402.00	0.64	402.00	0	0	-1548	-274	S	204	QA2	ZG	0.00	426.00	0.63	426.00
0	-1102	-1101	S	206	QA2	ZG	0.00	408.00	0.91	408.00	0	0	-1102	-1101	S	207	QA2	ZG	0.00	408.00	0.91	408.00
0	-566	-565	S	207	QA2	ZG	0.00	408.00	0.83	408.00	0	0	-566	-565	S	208	QA2	ZG	0.00	387.00	0.83	387.00
0	-1854	-283	S	203	QA2	ZG	0.00	402.00	0.64	402.00	0	0	-565	2048	S	207	QA2	ZG	0.00	408.00	0.83	408.00
0	-565	2048	S	208	QA2	ZG	0.00	387.00	0.83	387.00	0	0	-1101	2073	S	206	QA2	ZG	0.00	408.00	0.91	408.00
0	-1101	2073	S	207	QA2	ZG	0.00	408.00	0.91	408.00	0	0	2126	-1854	S	203	QA2	ZG	0.00	402.00	0.64	402.00
0	2048	-564	S	207	QA2	ZG	0.00	408.00	0.90	408.00	0	0	2048	-564	S	208	QA2	ZG	0.00	387.00	0.90	387.00
0	2073	-261	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	0	2073	-261	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-277	-1550	S	204	QA2	ZG	0.00	426.00	0.62	426.00	0	0	-380	2015	S	204	QA2	ZG	0.00	426.00	0.03	426.00
0	3015	-2076	S	300	QA2	ZG	0.00	330.00	0.90	330.00	0	0	3015	-2076	S	301	QA2	ZG	0.00	180.00	0.90	180.00
0	-1549	-277	S	204	QA2	ZG	0.00	426.00	0.63	426.00	0	0	2015	-378	S	204	QA2	ZG	0.00	426.00	0.03	426.00
0	-1550	-380	S	204	QA2	ZG	0.00	426.00	0.62	426.00	0	0	2127	2126	S	203	QA2	ZG	0.00	402.00	1.00	402.00
0	-261	-420	S	206	QA2	ZG	0.00	408.00	0.76	408.00	0	0	-261	-420	S	207	QA2	ZG	0.00	408.00	0.76	408.00
0	-378	-1638	S	204	QA2	ZG	0.00	426.00	0.57	426.00	0	0	-564	2056	S	207	QA2	ZG	0.00	408.00	0.90	408.00
0	-564	2056	S	208	QA2	ZG	0.00	387.00	0.90	387.00	0	0	-420	2084	S	206	QA2	ZG	0.00	408.00	0.06	408.00
0	-420	2084	S	207	QA2	ZG	0.00	408.00	0.06	408.00	0	0	2128	2127	S	203	QA2	ZG	0.00	402.00	1.00	402.00
0	-1638	-280	S	204	QA2	ZG	0.00	426.00	0.57	426.00	0	0	2056	-563	S	207	QA2	ZG	0.00	408.00	0.67	408.00
0	2056	-563	S	208	QA2	ZG	0.00	387.00	0.67	387.00	0	0	2140	2139	S	203	QA2	ZG	0.00	402.00	0.36	402.00
0	2140	2139	S	203	QA2	ZG	0.36	402.00	1.00	402.00	0	0	-563	-252	S	207	QA2	ZG	0.00	408.00	0.67	408.00
0	-563	-252	S	208	QA2	ZG	0.00	387.00	0.67	387.00	0	0	-326	2036	S	208	QA2	ZG	0.00	387.00	0.54	387.00
0	-2075	3015	S	302	QA2	ZG	0.00	180.00	0.68	180.00	0	0	-252	-406	S	207	QA2	ZG	0.00	408.00	0.67	408.00
0	-252	-406	S	208	QA2	ZG	0.00	387.00	0.67	387.00	0	0	3023	-2075	S	302	QA2	ZG	0.00	180.00	0.68	180.00
0	-327	3023	S	302	QA2	ZG	0.00	180.00	0.54	180.00	0	0	-1907	2140	S	203	QA2	ZG	0.00	402.00	0.09	402.00
0	-1907	2140	S	203	QA2	ZG	0.72	402.00	1.00	402.00	0	0	-1907	2140	S	203	QA2	ZG	0.09	402.00	0.72	402.00
0	2128	-1652	S	203	QA2	ZG	0.00	402.00	0.78	402.00	0	0	2004	-326	S	208	QA2	ZG	0.00	387.00	0.25	387.00
0	2004	-326	S	208	QA2	ZG	0.25	387.00	0.54	387.00	0	0	-324	2004	S	208	QA2	ZG	0.00	387.00	0.54	387.00
0	2047	-575	S	208	QA2	ZG	0.00	387.00	0.54	387.00	0	0	-234	-324	S	208	QA2	ZG	0.00	387.00	0.51	387.00
0	-234	-324	S	208	QA2	ZG	0.51	387.00	0.54	387.00	0	0	-2076	3016	S	300	QA2	ZG	0.00	330.00	0.90	330.00
0	-2076	3016	S	301	QA2	ZG	0.00	180.00	0.90	180.00	0	0	3016	-2077	S	300	QA2	ZG	0.00	330.00	0.57	330.00
0	3016	-2077	S	301	QA2	ZG	0.00	180.00	0.57	180.00	0	0	-2077	3017	S	300	QA2	ZG	0.00	330.00	0.57	330.00
0	-2077	3017	S	301	QA2	ZG	0.00	180.00	0.57	180.00	0	0	-575	-234	S	208	QA2	ZG	0.00	387.00	0.22	387.00
0	-575	-234	S	208	QA2	ZG	0.22	387.00	0.54	387.00	0	0	-325	3004	S	302	QA2	ZG	0.00	180.00	0.54	180.00
0	-1652	2129	S	203	QA2	ZG	0.00	402.00	0.78	402.00	0	0	2129	2130	S	203	QA2	ZG	0.00	402.00	0.90	402.00
0	3017	-2078	S	300	QA2	ZG	0.00	330.00	0.72	330.00	0	0	3017	-2078	S	301	QA2	ZG	0.00	180.00	0.72	180.00
0	-1906	-1907	S	203	QA2	ZG	0.00	402.00	0.45	402.00	0	0	-1906	-1907	S	203	QA2	ZG	0.45	402.00	1.00	402.00
0	-406	20																				





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	2142	2141	S	203	QA2	ZG	0.00	402.00	0.95	402.00	0	2131	2132	S	203	QA2	ZG	0.00	402.00	0.95	402.00	
0	2049	2047	S	208	QA2	ZG	0.00	387.00	0.90	387.00	0	-576	2049	S	208	QA2	ZG	0.00	387.00	0.69	387.00	
0	-1905	2142	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	3004	-327	S	302	QA2	ZG	0.00	180.00	0.54	180.00	
0	-244	-576	S	208	QA2	ZG	0.00	387.00	0.69	387.00	0	-249	-577	S	208	QA2	ZG	0.00	387.00	0.69	387.00	
0	3030	-1930	S	300	QA2	ZG	0.00	330.00	0.57	330.00	0	0	3030	-1930	S	304	QA2	ZG	0.00	330.00	0.57	330.00
0	-1929	3030	S	302	QA2	ZG	0.00	180.00	0.69	180.00	0	-562	-259	S	207	QA2	ZG	0.00	408.00	0.67	408.00	
0	-562	-259	S	208	QA2	ZG	0.00	387.00	0.67	387.00	0	2132	-1654	S	203	QA2	ZG	0.00	402.00	0.72	402.00	
0	-259	-561	S	207	QA2	ZG	0.00	408.00	0.67	408.00	0	-259	-561	S	208	QA2	ZG	0.00	387.00	0.67	387.00	
0	-561	2087	S	207	QA2	ZG	0.00	408.00	0.67	408.00	0	-561	2087	S	208	QA2	ZG	0.00	387.00	0.67	387.00	
0	-303	-1929	S	302	QA2	ZG	0.00	180.00	0.69	180.00	0	2143	-1905	S	203	QA2	ZG	0.00	402.00	0.72	402.00	
0	-1654	2133	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	3019	-2080	S	300	QA2	ZG	0.00	330.00	0.72	330.00	
0	3019	-2080	S	301	QA2	ZG	0.00	180.00	0.72	180.00	0	-577	-244	S	208	QA2	ZG	0.00	387.00	0.69	387.00	
0	-2081	3021	S	300	QA2	ZG	0.00	330.00	0.60	330.00	0	-2081	3021	S	301	QA2	ZG	0.00	180.00	0.60	180.00	
0	-293	-325	S	302	QA2	ZG	0.00	180.00	0.54	180.00	0	3031	-295	S	300	QA2	ZG	0.00	330.00	0.76	330.00	
0	3031	-295	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	2144	2143	S	203	QA2	ZG	0.00	402.00	0.70	402.00	
0	2133	-1655	S	203	QA2	ZG	0.00	402.00	0.71	402.00	0	-1666	2144	S	203	QA2	ZG	0.00	402.00	0.72	402.00	
0	-321	-249	S	208	QA2	ZG	0.00	387.00	0.69	387.00	0	-322	-305	S	302	QA2	ZG	0.00	180.00	0.69	180.00	
0	-560	2090	S	208	QA2	ZG	0.00	387.00	0.72	387.00	0	-1655	-360	S	203	QA2	ZG	0.00	402.00	0.71	402.00	
0	-305	-1928	S	302	QA2	ZG	0.00	180.00	0.69	180.00	0	2145	-1666	S	203	QA2	ZG	0.00	402.00	0.72	402.00	
0	2009	-321	S	208	QA2	ZG	0.00	387.00	0.69	387.00	0	-364	-1752	S	203	QA2	ZG	0.00	402.00	0.71	402.00	
0	2087	-560	S	208	QA2	ZG	0.00	387.00	0.72	387.00	0	3020	-2081	S	300	QA2	ZG	0.00	330.00	0.60	330.00	
0	3020	-2081	S	301	QA2	ZG	0.00	180.00	0.60	180.00	0	3021	-2082	S	300	QA2	ZG	0.00	330.00	0.88	330.00	
0	3021	-2082	S	301	QA2	ZG	0.00	180.00	0.88	180.00	0	-295	3032	S	300	QA2	ZG	0.00	330.00	0.76	330.00	
0	-295	3032	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	2016	-364	S	203	QA2	ZG	0.00	402.00	0.03	402.00	
0	-318	2009	S	208	QA2	ZG	0.00	387.00	0.69	387.00	0	2064	-318	S	208	QA2	ZG	0.00	387.00	0.69	387.00	
0	3009	-322	S	302	QA2	ZG	0.00	180.00	0.69	180.00	0	-1930	3031	S	300	QA2	ZG	0.00	330.00	0.57	330.00	
0	-1930	3031	S	304	QA2	ZG	0.00	330.00	0.57	330.00	0	-1928	-303	S	302	QA2	ZG	0.00	180.00	0.69	180.00	
0	-360	2016	S	203	QA2	ZG	0.00	402.00	0.03	402.00	0	-296	-297	S	300	QA2	ZG	0.00	330.00	0.70	330.00	
0	-296	-297	S	304	QA2	ZG	0.00	330.00	0.70	330.00	0	-2082	3022	S	300	QA2	ZG	0.00	330.00	0.57	330.00	
0	-2082	3022	S	301	QA2	ZG	0.00	180.00	0.88	180.00	0	-2082	3022	S	300	QA2	ZG	0.78	224.00	0.88	171.00	
0	-2082	3022	S	300	QA2	ZG	0.68	277.00	0.78	224.00	0	-2082	3022	S	300	QA2	ZG	0.57	330.00	0.68	277.00	
0	2146	2145	S	203	QA2	ZG	0.00	402.00	0.95	402.00	0	-319	3009	S	302	QA2	ZG	0.00	180.00	0.69	180.00	
0	2090	2091	S	208	QA2	ZG	0.00	387.00	0.61	387.00	0	-268	-467	S	211	QA2	ZG	0.00	150.00	0.60	150.00	
0	-467	2106	S	211	QA2	ZG	0.00	150.00	0.60	150.00	0	-284	-1753	S	203	QA2	ZG	0.00	402.00	0.73	402.00	
0	3032	-296	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	3032	-296	S	304	QA2	ZG	0.00	330.00	0.70	330.00	
0	-1752	-284	S	203	QA2	ZG	0.00	402.00	0.71	402.00	0	3038	-319	S	302	QA2	ZG	0.00	180.00	0.69	180.00	
0	-1931	-317	S	300	QA2	ZG	0.00	330.00	0.68	330.00	0	-1931	-317	S	304	QA2	ZG	0.00	330.00	0.68	330.00	
0	-1665	2146	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	3007	-311	S	300	QA2	ZG	0.00	330.00	0.05	330.00	
0	3007	-311	S	304	QA2	ZG	0.00	330.00	0.05	330.00	0	-2080	3020	S	300	QA2	ZG	0.00	330.00	0.72	330.00	
0	-2080	3020	S	301	QA2	ZG	0.00	180.00	0.72	180.00	0	-1932	-298	S	300	QA2	ZG	0.00	330.00	0.68	330.00	
0	-1932	-298	S	304	QA2	ZG	0.00	330.00	0.68	330.00	0	2106	-466	S	211	QA2	ZG	0.00	150.00	0.79	150.00	
0	2147	-1665	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	-1947	3038	S	303	QA2	ZG	0.00	180.00	0.63	180.00	
0	-1947	3038	S	304	QA2	ZG	0.00	330.00	0.63	330.00	0	-285	-1754	S	203	QA2	ZG	0.00	402.00	0.73	402.00	
0	-311	-1932	S	300	QA2	ZG	0.00	330.00	0.68	330.00	0	-311	-1932	S	304	QA2	ZG	0.00	330.00	0.68	330.00	
0	-258	2064	S	208	QA2	ZG	0.00	387.00	1.00	387.00	0	-1664	2147	S	203	QA2	ZG	0.00	402.00	0.53	402.00	
0	-1946	-307	S	303	QA2	ZG	0.00	180.00	0.63	180.00	0	-1946	-307	S	304	QA2	ZG	0.00	330.00	0.63	330.00	
0	-297	-1931	S	300	QA2	ZG	0.00	330.00	0.68	330.00	0	-297	-1931	S	304	QA2	ZG	0.00	330.00	0.68	330.00	
0	-1753	-285	S	203	QA2	ZG	0.00	402.00	0.73	402.00	0	-269	-432	S	210	QA2	ZG	0.00	237.00	0.58	237.00	
0	-269	-432	S	211	QA2	ZG	0.00	150.00	0.58	150.00	0	-466	-465	S	211	QA2	ZG	0.00	150.00	0.79	150.00	
0	-465	-464	S	211	QA2	ZG	0.00	150.00	0.79	150.00	0	2148	-1664	S	203	QA2	ZG	0.00	402.00	0.53	402.00	
0	-578	2075	S	208	QA2	ZG	0.00	387.00	0.75	387.00	0	-1754	-286	S	203	QA2	ZG	0.00	402.00	0.73	402.00	
0	-432	-272	S	210	QA2	ZG	0.00	237.00	0.58	237.00	0	-432	-272	S	211	QA2	ZG	0.00	150.00	0.58	150.00	
0	-317	3007	S	300	QA2	ZG	0.00	330.00	0.05	330.00	0	-317	3007	S	304	QA2	ZG	0.00	330.00	0.05	330.00	
0	-1663	2148	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	3024	-2085	S	300	QA2	ZG	0.00	19.24	0.89	25.20	
0	3024	-2085	S	305	QA2	ZG	0.00	150.24	0.89	156.20	0	-464	2123	S	211	QA2	ZG	0.00	150.00	0.79	150.00	
0	2089	-578	S	208	QA2	ZG	0.00	387.00	0.75	387.00	0	-272	-431	S	210	QA2	ZG	0.00	237.00	0.63	237.00	
0	-272	-431	S	211	QA2	ZG	0.00	150.00	0.63	150.00	0	-286	-1755	S	203	QA2	ZG	0.00	402.00	0.73	402.00	
0	2149	-1663	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	-298	-1933	S	300	QA2	ZG	0.00	330.00	0.70	330.00	
0	-298	-1933	S	304	QA2	ZG	0.00	330.00	0.70	330.00	0	3039	-1945	S	303	QA2	ZG	0.00	180.00	0.63	180.00	
0	3039	-1945	S	304	QA2	ZG	0.00	330.00	0.63	330.00	0	-1662	2149	S	203	QA2	ZG	0.00	402.00	0.51	402.00	
0	2075	-258	S	208	QA2	ZG	0.00	387.00	1.00	387.00	0	-1755	2134	S	203	QA2	ZG	0.00	402.00	0.73	402.00	
0	-275	-430	S	210	QA2	ZG	0.00	237.00	0.63	237.00	0	-275	-430	S	211	QA2	ZG	0.00	150.00	0.63	150.00	
0	-1933	-299	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	-1933	-299	S	304	QA2	ZG	0.00	330.00	0.70	330.00	
0	-354	-1662	S	203	QA2	ZG	0.00	402.00	0.51	402.00	0	2019	-354	S	203	QA2	ZG	0.00	402.00	0.02	402.00	
0	-307	-1947	S	303	QA2	ZG	0.00	180.00	0.63	180.00	0	-307	-1947	S	304	QA2	ZG	0.00	330.00	0.63	330.00	
0	-299	-1934	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	-299	-1934	S	304	QA2	ZG	0.00	330.00	0.70	330.00	
0	-356	2019	S	2																		



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

0	-1935	3033	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	2096	-265	S	208	QA2	ZG	0.00	387.00	0.78	387.00
0	-1934	3033	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	-1934	3033	S	304	QA2	ZG	0.00	330.00	0.70	330.00
0	-1766	-356	S	203	QA2	ZG	0.00	402.00	0.51	402.00	0	-472	-471	S	203	QA2	ZG	0.00	402.00	0.83	402.00
0	-1944	3040	S	303	QA2	ZG	0.00	180.00	0.85	180.00	0	-1944	3040	S	304	QA2	ZG	0.00	330.00	0.85	330.00
0	2110	-470	S	211	QA2	ZG	0.00	150.00	0.56	150.00	0	-436	-270	S	209	QA2	ZG	0.00	519.00	0.58	519.00
0	-436	-270	S	210	QA2	ZG	0.00	237.00	0.58	237.00	0	2150	-1766	S	203	QA2	ZG	0.00	402.00	0.51	402.00
0	3027	-2221	S	305	QA2	ZG	0.00	151.20	0.66	155.70	0	3027	-2221	S	306	QA2	ZG	0.00	180.00	0.66	180.00
0	-470	2124	S	211	QA2	ZG	0.00	150.00	0.56	150.00	0	-471	2135	S	203	QA2	ZG	0.00	402.00	0.83	402.00
0	-301	-1935	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	-1765	2150	S	203	QA2	ZG	0.00	402.00	0.72	402.00
0	2124	2135	S	211	QA2	ZG	0.00	150.00	0.38	150.00	0	-437	-273	S	209	QA2	ZG	0.00	519.00	0.63	519.00
0	-437	-273	S	210	QA2	ZG	0.00	237.00	0.63	237.00	0	-276	-437	S	209	QA2	ZG	0.00	519.00	0.63	519.00
0	-276	-437	S	210	QA2	ZG	0.00	237.00	0.63	237.00	0	-300	-2223	S	305	QA2	ZG	0.00	169.20	0.51	169.20
0	-300	-2223	S	306	QA2	ZG	0.00	180.00	0.51	180.00	0	3041	-1944	S	303	QA2	ZG	0.00	180.00	0.85	180.00
0	3041	-1944	S	304	QA2	ZG	0.00	330.00	0.85	330.00	0	-2221	-294	S	305	QA2	ZG	0.00	155.70	0.66	160.20
0	-2221	-294	S	306	QA2	ZG	0.00	180.00	0.66	180.00	0	-438	-276	S	209	QA2	ZG	0.00	519.00	0.63	519.00
0	-438	-276	S	210	QA2	ZG	0.00	237.00	0.63	237.00	0	-1936	-301	S	305	QA2	ZG	0.00	169.20	0.52	169.20
0	3008	-1936	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	-273	-436	S	209	QA2	ZG	0.00	519.00	0.58	519.00
0	-273	-436	S	210	QA2	ZG	0.00	237.00	0.58	237.00	0	-294	-2222	S	305	QA2	ZG	0.00	160.20	0.66	164.70
0	-294	-2222	S	306	QA2	ZG	0.00	180.00	0.66	180.00	0	-2222	-300	S	305	QA2	ZG	0.00	164.70	0.66	169.20
0	-2222	-300	S	306	QA2	ZG	0.00	180.00	0.66	180.00	0	2152	2151	S	203	QA2	ZG	0.00	402.00	0.60	402.00
0	-337	-302	S	305	QA2	ZG	0.00	169.20	0.02	169.20	0	-337	-302	S	306	QA2	ZG	0.00	180.00	0.02	180.00
0	2151	-1765	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	3011	-343	S	303	QA2	ZG	0.00	180.00	0.74	180.00
0	3011	-343	S	304	QA2	ZG	0.00	330.00	0.74	330.00	0	-2086	3033	S	300	QA2	ZG	0.00	31.16	0.89	37.12
0	-2086	3033	S	305	QA2	ZG	0.22	163.66	0.89	168.13	0	-2086	3033	S	305	QA2	ZG	0.00	162.16	0.22	163.66
0	-1937	3008	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	-1938	3034	S	304	QA2	ZG	0.00	144.00	0.70	144.00
0	-1764	2152	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	-2223	-337	S	305	QA2	ZG	0.00	169.20	0.51	169.20
0	-2223	-337	S	306	QA2	ZG	0.00	180.00	0.51	180.00	0	-1943	3011	S	303	QA2	ZG	0.00	180.00	0.74	180.00
0	-1943	3011	S	304	QA2	ZG	0.00	330.00	0.74	330.00	0	-306	-1938	S	304	QA2	ZG	0.00	144.00	0.70	144.00
0	2153	-1764	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	2154	2153	S	203	QA2	ZG	0.00	402.00	0.60	402.00
0	-302	-340	S	305	QA2	ZG	0.00	169.20	0.02	169.20	0	-302	-340	S	306	QA2	ZG	0.00	180.00	0.02	180.00
0	-340	-2198	S	305	QA2	ZG	0.00	169.20	0.51	169.20	0	-340	-2198	S	306	QA2	ZG	0.00	180.00	0.51	180.00
0	2014	-438	S	209	QA2	ZG	0.00	519.00	0.63	519.00	0	2014	-438	S	210	QA2	ZG	0.00	237.00	0.63	237.00
0	-2198	-304	S	305	QA2	ZG	0.00	169.20	0.51	169.20	0	-2198	-304	S	306	QA2	ZG	0.00	180.00	0.51	180.00
0	3034	-1937	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	-1939	-306	S	304	QA2	ZG	0.00	144.00	0.70	144.00
0	-1763	2154	S	203	QA2	ZG	0.00	402.00	0.72	402.00	0	-304	-2199	S	305	QA2	ZG	0.00	169.20	0.52	169.20
0	-304	-2199	S	306	QA2	ZG	0.00	180.00	0.52	180.00	0	3035	-1939	S	304	QA2	ZG	0.00	144.00	0.70	144.00
0	-2199	3035	S	305	QA2	ZG	0.00	169.20	0.52	169.20	0	-2199	3035	S	306	QA2	ZG	0.00	180.00	0.52	180.00
0	3035	3036	S	306	QA2	ZG	0.00	180.00	0.33	180.00	0	-309	-1943	S	303	QA2	ZG	0.00	180.00	0.74	180.00
0	-309	-1943	S	304	QA2	ZG	0.00	330.00	0.74	330.00	0	3042	-1942	S	303	QA2	ZG	0.00	180.00	0.74	180.00
0	3042	-1942	S	304	QA2	ZG	0.00	144.00	0.74	144.00	0	2155	-1763	S	203	QA2	ZG	0.00	402.00	0.72	402.00
0	-292	-1762	S	203	QA2	ZG	0.00	402.00	0.53	402.00	0	-1838	-292	S	203	QA2	ZG	0.00	402.00	0.53	402.00
0	-343	3041	S	303	QA2	ZG	0.00	180.00	0.74	180.00	0	-343	3041	S	304	QA2	ZG	0.00	330.00	0.74	330.00
0	-1942	-309	S	303	QA2	ZG	0.00	180.00	0.74	180.00	0	-1942	-309	S	304	QA2	ZG	0.43	330.00	0.74	330.00
0	-1942	-309	S	304	QA2	ZG	0.00	144.00	0.43	144.00	0	3044	3043	S	303	QA2	ZG	0.00	180.00	0.75	180.00
0	3044	3043	S	304	QA2	ZG	0.00	144.00	0.75	144.00	0	-1762	2155	S	203	QA2	ZG	0.00	402.00	0.53	402.00
0	2156	-1838	S	203	QA2	ZG	0.00	402.00	0.53	402.00	0	3036	-1940	S	306	QA2	ZG	0.00	180.00	0.69	180.00
0	-1941	3044	S	306	QA2	ZG	0.00	180.00	0.69	180.00	0	3043	3042	S	303	QA2	ZG	0.00	180.00	0.90	180.00
0	3043	3042	S	304	QA2	ZG	0.00	144.00	0.90	144.00	0	-1940	-1941	S	306	QA2	ZG	0.00	180.00	0.69	180.00
0	2105	2108	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	-271	2105	S	209	QA2	ZG	0.00	519.00	0.70	519.00
0	2108	-278	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	-278	2121	S	209	QA2	ZG	0.00	519.00	1.00	519.00

### Elenco carichi elementi bidimensionali

### Elenco peso proprio elementi bidimensionali

#### Simbologia

Comm. = Commento

Mat. = Materiale

P = Peso specifico

PQ = Peso specifico per unità di superficie

Spess. = Spessore

Tb = Numero del tipo muro/elemento bidimensionale

Tb	Comm.	Spess. <cm>	Mat.	P <daN/mc>	PQ <daN/mq>
1	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
2	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
3	Muratura in Laterizio Porizzato Sp.25	25.00	Muratura 2	1800.00	450.00
4	Pareti Cantinato	25.00	Calcestruzzo classe C20/25	2500.00	625.00
5	Solaio Esistente	4.00	Calcestruzzo classe C20/25*	0.00	0.00

### Risultati del calcolo



### Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:  
 ModeSt ver. 8.25, licenza n. 6495, prodotto da Tecnisoft s.a.s. - Prato  
 La struttura è stata calcolata utilizzando come solutore agli elementi finiti:  
 Xfinest ver. 9.2.0, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18  
 Tipo di calcolo: sismica dinamica  
 Vincoli esterni: Considera sempre vincoli assegnati in modellazione  
 Schematizzazione piani rigidi:  
   Imp.1: controventatura solai  
   Imp.2: impalcato non rigido  
   Imp.3: impalcato non rigido  
 Selezione solai controventati: ALL  
 Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

### Generazione combinazioni

- Lineari: Sì  
 - 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

- Tipo di elemento bidimensionale: QF46  
 - Calcolo sforzo nei nodi: No  
 - Trascura deformabilità a taglio delle aste: No  
 - Analisi dinamica con metodo di Lanczos: Sì  
 - Check sequenza di Sturm: Sì  
 - Analisi non lineare con Newton modificato: No  
 - Usa formulazione secante per buckling: No  
 - Trascura buckling torsionale: No

### Dati struttura

- Sito di costruzione: BOTTICINO VIA A. MANZONI 4 LON. 10.32180 LAT. 45.54160  
 Contenuto tra ID reticolo: 12055 12054 12277 12276

### Simbologia

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

TCC	Tr	Ag <g>	Fo	Tc*	Ss	Cc
SLO	45	0.0512	2.52	0.23	1.80	2.61
SLD	75	0.0676	2.47	0.25	1.80	2.49
SLV	712	0.1800	2.44	0.27	1.74	2.38

- Edificio esistente: No  
 - Spettri: Automatici da normativa  
 - Tipo di opera: Opera ordinaria  
 - Vita nominale V<sub>N</sub>: 50.00  
 - Classe d'uso: Classe III



- SL Esercizio: SLOPvr 81.00, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: -2.20 <m>
- Quota max della struttura: 7.21 <m>
- Altezza della struttura: 9.41 <m>
- Numero piani edificio: 3
- Coefficiente  $\theta$ : 0.00
- Edificio regolare in altezza: No
- Edificio regolare in pianta: No
- Forze orizzontali convenzionali per stati limite non sismici: 1.00%
- Genera stati limite per verifiche di resistenza al fuoco: No

## Dati di piano

### Simbologia

- Ea =Eccentricità complessiva
- Ex =Eccentricità in dir. X
- Ey =Eccentricità in dir. Y
- Imp. =Numero dell'impalcato
- Lx =Dimensione del piano in dir. X
- Ly =Dimensione del piano in dir. Y

Imp.	Lx <m>	Ly <m>	Ex <m>	Ey <m>	Ea <m>
1	39.67	28.05	1.98	1.40	2.43
2	39.67	28.05	1.98	1.40	2.43
3	15.52	14.00	0.78	0.70	1.05

## Dati di calcolo

- Categoria del suolo di fondazione: D
- Tipologia strutturale: c.a. o prefabbricata a pareti non accoppiate

Periodo $T_1$	0.00149
Coeff. $\lambda$ SLO	0.85
Coeff. $\lambda$ SLD	0.85
Coeff. $\lambda$ SLV	0.85
Rapporto di sovrarresistenza ( $\alpha_u/\alpha_1$ )	1.05
Valore di riferimento del fattore di comportamento ( $q_0$ )	3.00
Fattore riduttivo ( $K_w$ )	0.50
Fattore riduttivo regolarità in altezza ( $K_R$ )	0.80
Fattore di comportamento dissipativo ( $q$ )	1.20
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  $i \leq 15^\circ$
- Coeff. amplificazione topografica  $S_T$ : 1.00
- Fattore di comportamento per sisma verticale ( $q_v$ ): 1.50
- Modalità di calcolo modi di vibrare: Ritz-vectors
- Numero vettori: 2
- CCE per vettori di Ritz e numero di modi da calcolare

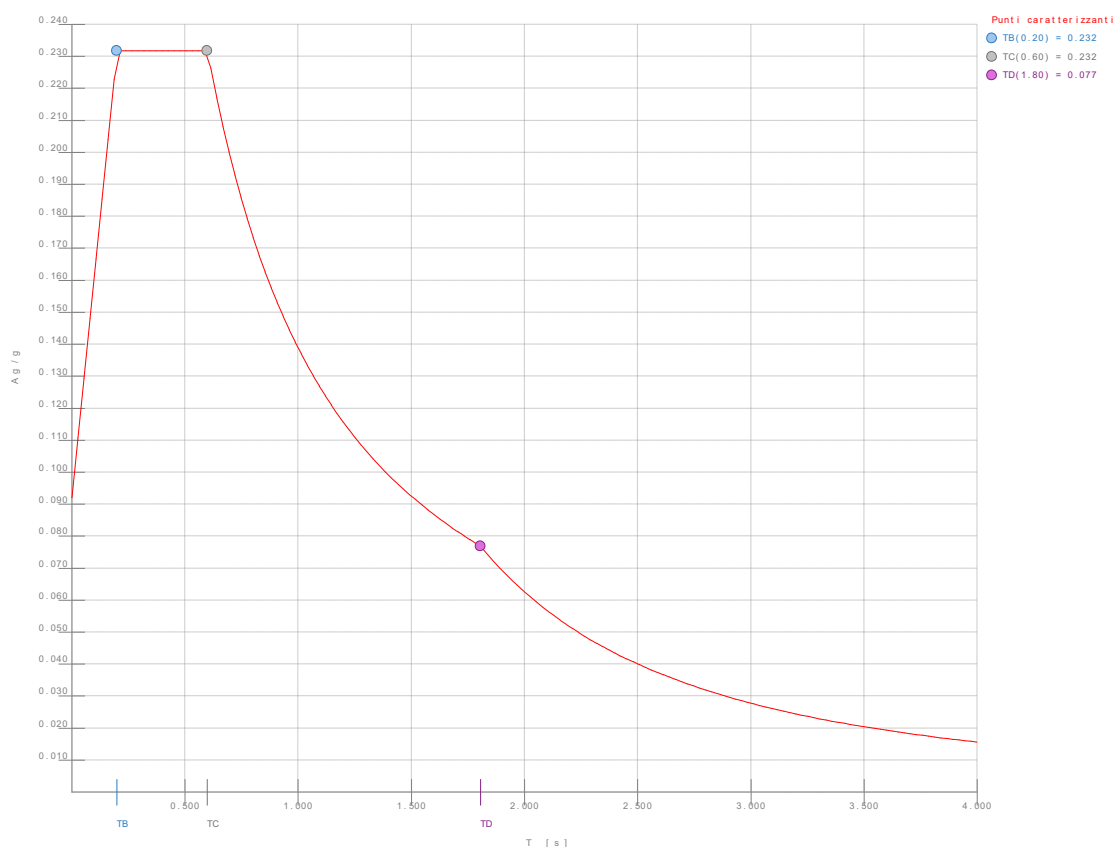
5) Forze dir. X

Numero modi: 9

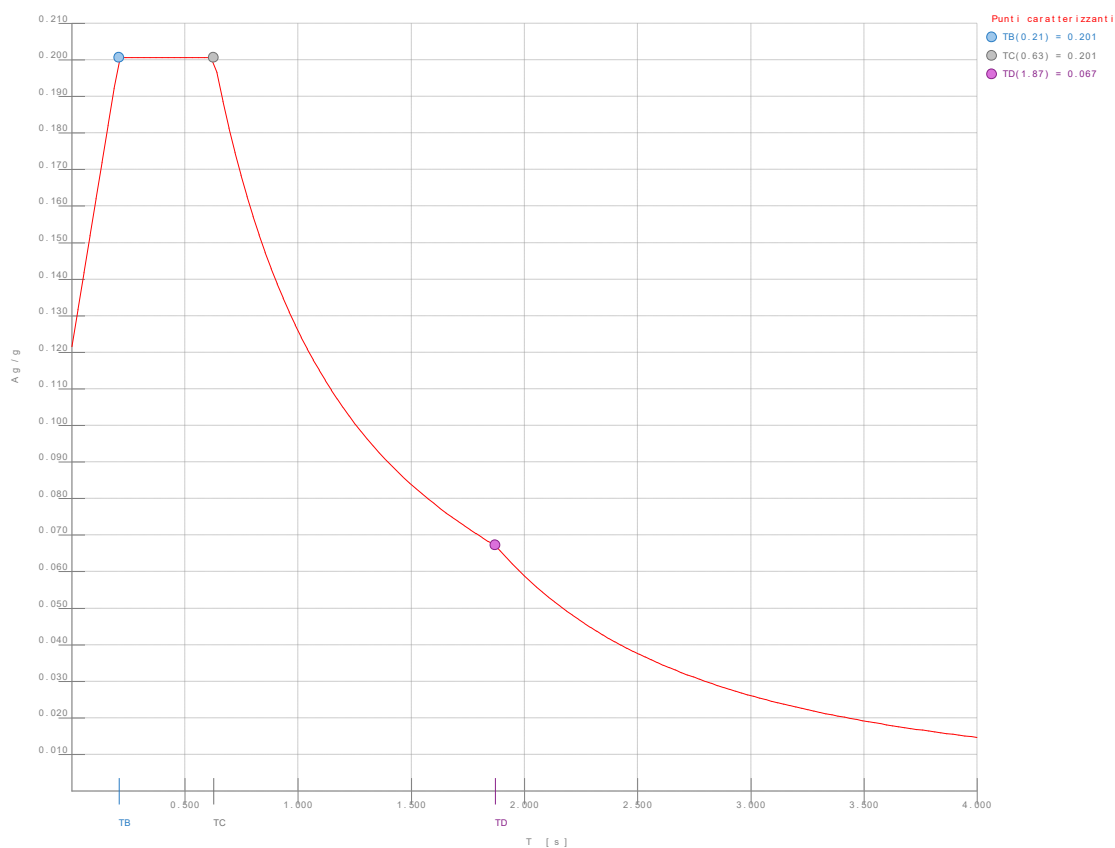
6) Forze dir. Y

Numero modi: 9

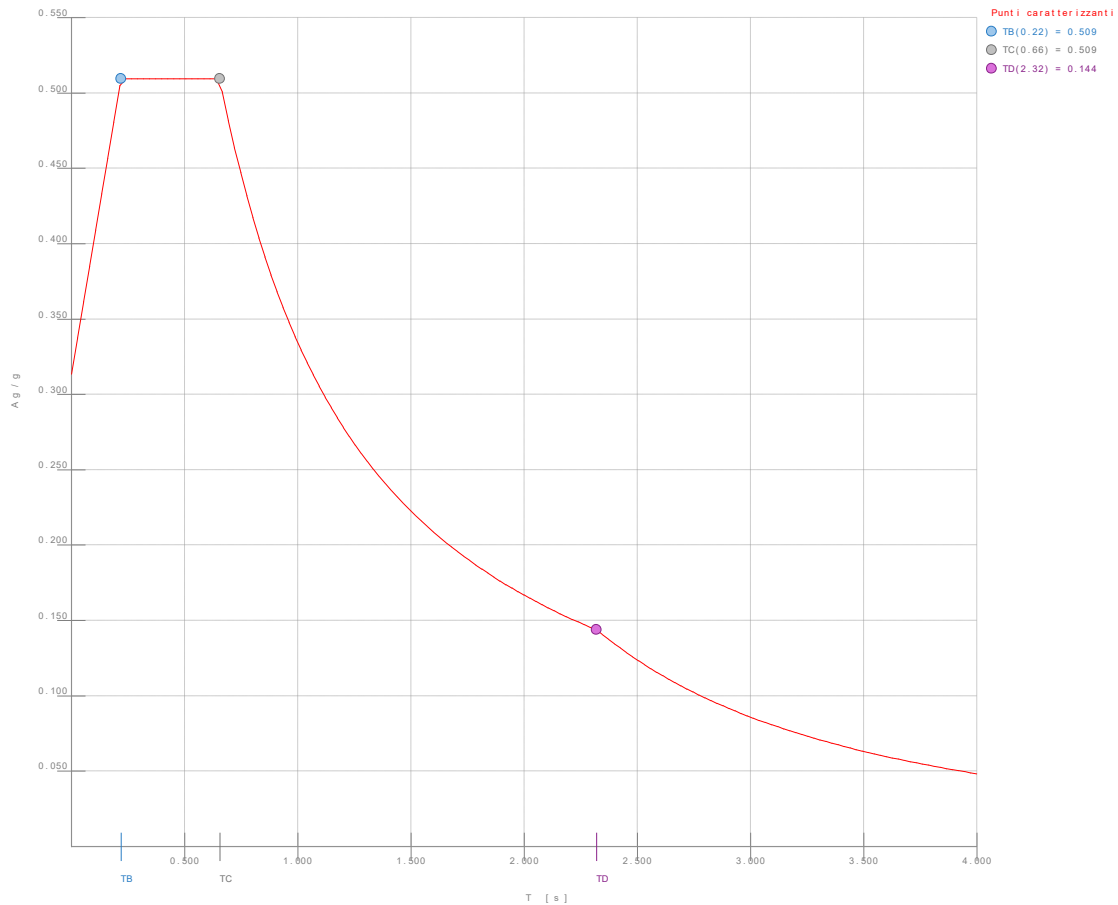
- Modi da considerare: Tali da movimentare una percentuale di massa pari a 85.00%
- Trascura modi con massa movimentata minore di: 5.00%
- Smorzamento spettro: 5.00%



**Figura numero 1: Spettro SLD**



**Figura numero 2: Spettro SLD**



**Figura numero 3: Spettro SND**

- Angolo di ingresso del sisma: 0.00 <grad>

#### Ambienti di carico

##### Simbologia

N = Numero

Comm. = Commento

1=Permanenti Strutturali

2=Permanenti Non Strutturali

3=Variabili

4=Variabili Neve

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 = Sì

N = No

N	Comm.	1	2	3	4	F	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	N	S	S	S	S

#### Elenco combinazioni di carico simboliche

##### Simbologia

CC = Numero della combinazione delle condizioni di carico elementari

Comm. = Commento

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLR = Stato limite d'esercizio, combinazione rara

SLF = Stato limite d'esercizio, combinazione frequente

SLQ = Stato limite d'esercizio, combinazione quasi permanente

SLD = Stato limite di danno



SLO = Stato limite di operatività

SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	F	S
1	Amb. 1 (Sisma)	SLU S	1	1	$\Psi_2$	$\Psi_2$	-----	1
2	Amb. 2 (SLU)	SLU	$\gamma$ max	$\gamma$ max	$\gamma$ max	$\gamma$ max	-----	-----
3	Amb. 2 (SLU)	SLU	$\gamma$ max	$\gamma$ max	$\Psi_0 * \gamma$ max	$\gamma$ max	-----	-----
4	Amb. 2 (SLU)	SLU	$\gamma$ max	$\gamma$ max	$\gamma$ max	$\Psi_0 * \gamma$ max	-----	-----
5	Amb. 2 (SLE R)	SLE R	1	1	1	1	-----	-----
6	Amb. 2 (SLE R)	SLE R	1	1	$\Psi_0$	1	-----	-----
7	Amb. 2 (SLE R)	SLE R	1	1	1	$\Psi_0$	-----	-----
8	Amb. 2 (SLE F)	SLE F	1	1	$\Psi_1$	$\Psi_1$	-----	-----
9	Amb. 2 (SLE F)	SLE F	1	1	$\Psi_2$	$\Psi_1$	-----	-----
10	Amb. 2 (SLE F)	SLE F	1	1	$\Psi_1$	$\Psi_2$	-----	-----
11	Amb. 2 (SLE Q)	SLE Q	1	1	$\Psi_2$	$\Psi_2$	-----	-----

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

Bk = Buckling

S = Sì

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

SLO = Stato limite di operatività

SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	F X	F Y	±S X	±S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLE) S +X+0.3Y	SLO	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	0.30
4	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	-0.30
6	Amb. 1 (SLE) S +X-0.3Y	SLO	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	-0.30
7	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.60	0.00	0.00	0.00	0.30	1.00
8	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	0.30	1.00
9	Amb. 1 (SLE) S +0.3X+Y	SLO	L	N	1.00	1.00	0.60	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-0.30	1.00
11	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLO	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-0.30	1.00
13	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	1.50	0.00	0.00	0.00	0.00
14	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.05	1.50	0.00	0.00	0.00	0.00
15	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.75	0.00	0.00	0.00	0.00
16	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
17	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	0.70	1.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.70	0.20	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.60	0.20	0.00	0.00	0.00	0.00
21	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.70	0.00	0.00	0.00	0.00	0.00
22	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00

## 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>
-2223	610.70	-2222	785.65	-2221	765.14	-2199	620.71	-2198	610.70	-2086	591.26	-2085	554.79





## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-2082	1525.89	-2081	1052.75	-2080	1272.08	-2079	1052.75	-2078	1272.07	-2077	1008.89	-2076	1579.13
-2075	418.00	-2074	335.44	-1947	1111.24	-1946	1111.24	-1945	1111.24	-1944	1491.40	-1943	1292.54
-1942	861.11	-1941	428.33	-1940	428.33	-1939	349.27	-1938	349.27	-1937	300.76	-1936	300.76
-1935	300.76	-1934	1598.53	-1933	1598.53	-1932	1537.22	-1931	1537.22	-1930	1305.62	-1929	425.75
-1928	425.75	-1907	1383.03	-1906	1383.03	-1905	1002.70	-1854	881.68	-1853	881.68	-1852	881.68
-1851	881.68	-1838	726.09	-1766	708.80	-1765	1002.69	-1764	1002.69	-1763	1002.70	-1762	726.09
-1755	1009.61	-1754	1009.61	-1753	1009.61	-1752	988.86	-1666	1002.70	-1665	1002.69	-1664	726.09
-1663	1002.69	-1662	708.80	-1655	988.86	-1654	1002.69	-1653	1002.69	-1652	1071.85	-1638	828.98
-1617	1123.62	-1616	1123.62	-1615	833.56	-1550	902.26	-1549	925.16	-1548	925.16	-1540	833.56
-1539	1099.20	-1538	1099.20	-1515	781.65	-1514	757.23	-1379	757.23	-1378	1270.18	-1377	1270.18
-1376	757.23	-1375	757.22	-1374	757.23	-1373	1062.56	-1372	1062.56	-1238	1649.83	-1237	1649.83
-1236	2008.49	-1235	2008.49	-1234	2008.49	-1233	2618.20	-1232	2618.20	-1231	2618.21	-1106	2456.42
-1105	2456.42	-1104	2456.42	-1103	2561.70	-1102	2561.70	-1101	2561.70	-992	129.42	-991	104.66
-988	1336.33	-987	925.08	-986	1117.80	-985	925.08	-984	1117.80	-983	886.53	-982	1387.62
-857	474.31	-856	474.31	-852	2170.85	-851	2170.84	-850	2087.59	-849	2087.59	-848	1773.06
-748	1415.65	-747	1415.65	-746	1415.65	-745	1132.52	-744	1132.52	-743	913.09	-742	913.09
-741	913.09	-739	1592.75	-738	2124.43	-737	2513.82	-736	1873.05	-735	1873.05	-734	1873.05
-578	998.57	-577	915.35	-576	915.35	-575	721.19	-568	2270.13	-567	2270.13	-566	2270.13
-565	2270.13	-564	2461.58	-563	1832.51	-562	1832.51	-561	1832.51	-560	958.62	-472	1152.52
-471	1152.52	-470	290.28	-467	309.63	-466	406.39	-465	406.39	-464	406.39	-438	1647.25
-437	1647.25	-436	1517.20	-432	776.66	-431	843.23	-430	843.23	-427	1820.13	-426	3002.93
-425	1658.08	-424	2734.99	-420	1488.56	-419	2484.87	-418	494.07	-416	494.07	-409	2122.95
-408	3511.52	-406	2122.95	-405	3511.52	-399	455.16	-398	823.09	-396	455.16	-395	823.09
-392	455.16	-391	823.09	-390	455.16	-389	823.09	-386	850.98	-385	2083.83	-384	850.98
-383	2083.83	-380	1007.76	-379	2472.83	-378	927.77	-377	2275.03	-375	937.35	-374	2294.85
-372	937.35	-371	2294.85	-370	572.20	-369	1034.74	-366	572.20	-365	1034.74	-364	1135.06
-363	2766.26	-360	1135.06	-359	2766.26	-356	816.01	-355	1986.75	-354	816.01	-353	1986.75
-350	531.02	-349	2453.01	-348	531.02	-347	2453.01	-346	1739.21	-345	3740.57	-344	3191.85
-343	1582.31	-342	2787.75	-341	796.96	-340	715.27	-339	840.62	-338	796.96	-337	715.26
-336	840.62	-335	1068.06	-334	535.94	-333	1126.56	-332	1068.06	-331	535.94	-330	1126.56
-329	2024.49	-328	2024.49	-327	761.56	-326	1616.92	-325	761.56	-324	1616.92	-323	2030.61
-322	696.17	-321	1483.80	-320	2030.61	-319	696.17	-318	1483.80	-317	1362.51	-316	2246.59
-315	3666.41	-312	3666.41	-311	1362.52	-310	2246.59	-309	1790.52	-308	1609.48	-307	1609.48
-306	1458.51	-305	1237.03	-304	1422.07	-303	1507.45	-302	1658.98	-301	1113.68	-300	1622.69
-299	2152.36	-298	2100.47	-297	2100.47	-296	1875.45	-295	2011.31	-294	1817.77	-293	974.63
-292	1636.41	-291	1072.88	-290	1153.07	-289	1072.88	-288	1153.07	-287	1161.74	-286	2275.39
-285	2275.39	-284	2252.01	-283	1987.07	-282	1987.07	-281	1987.07	-280	904.87	-279	1166.28
-278	2652.52	-277	1994.72	-276	2745.41	-275	1941.40	-274	2019.71	-273	2637.04	-272	1864.77
-271	928.38	-270	1264.34	-269	894.07	-268	675.00	-267	2031.48	-266	1083.72	-265	1703.76
-264	704.41	-263	1051.20	-262	1051.20	-261	2916.48	-260	3082.40	-259	2994.25	-258	2198.39
-257	856.13	-256	2703.82	-255	3881.77	-254	2371.29	-253	2371.29	-252	2703.82	-251	2805.98
-250	1653.10	-249	2620.70	-248	3031.31	-247	1695.01	-246	1653.10	-245	3222.25	-244	3189.15
-243	3445.15	-242	812.92	-241	1936.17	-240	3945.37	-239	3859.09	-238	3553.92	-237	3058.11
-236	2625.09	-235	2191.11	-234	2064.79	-233	1679.76	-232	932.00	-231	4012.69	-230	1051.22
-229	4895.76	-228	3954.17	-227	2085.16	-226	3954.17	-225	4895.76	-224	3954.17	-223	2085.16
-222	3954.17	-221	2100.84	-220	3693.30	-219	5579.55	-218	5579.55	-217	5522.23	-216	2289.84
-215	1998.93	-214	1998.93	-213	1998.93	-212	2392.17	-211	2132.54	-210	1618.88	-208	4932.85
-206	3051.10	-205	1618.88	-204	4994.66	-202	2930.67	-199	1482.20	-198	1522.35	-193	3557.59
-192	683.29	-191	2896.57	-189	3552.57	-188	1004.50	-187	1004.50	-186	840.98	-185	840.98
-184	840.98	-183	1900.94	-182	1900.94	-181	4875.78	-180	5150.99	-179	8073.47	-178	3737.51
-176	6055.10	-175	6418.82	-174	6541.60	-173	7444.83	-172	3612.28	-171	5383.01	-170	5383.01
-169	727.10	-168	6418.82	-167	6541.60	-166	6055.10	-165	2210.58	-164	4088.04	-163	3854.31
-162	5067.74	-161	1606.98	-159	4088.04	-158	8741.08	-157	5139.08	-156	2857.42	-155	4642.20
-154	8741.08	-153	6155.03	-152	4262.51	-151	4884.39	-150	7417.47	-149	7275.23	-148	5420.86
-147	3708.74	-146	3322.85	-145	4015.95	-144	6155.03	-143	2077.32	-142	7135.24	-141	3036.73
-140	7135.24	-139	5831.12	-138	4153.98	-137	735.86	-136	735.86	-135	1685.37	-134	735.86
-133	735.86	-132	782.58	-131	782.58	-130	953.11	-129	953.11	-128	953.11	-127	953.11
-126	991.65	-125	991.65	-124	995.16	-123	2232.10	-122	2295.87	-120	2857.42	-102	2857.42
1003	2857.42	1004	2024.49	1005	7180.17	1006	2937.03	1007	3057.23	1009	4349.10	1010	5843.73
1011	4229.66	1012	2946.98	1015	2932.05	1016	2925.03	1017	2857.42	1018	2917.12	1019	2913.76
1020	2206.19	1021	3113.25	1022	3814.77	1023	3900.22	1024	3900.22	1025	3900.22	1026	3166.81
1027	2184.10	1028	2607.53	1029	2178.95	1030	5748.01	1031	2173.17	1032	1582.31	1033	603.10
1034	4665.07	1035	1191.02	1036	2438.43	1037	823.09	1038	1652.12	1039	1539.42	1040	1994.37
1041	2077.68	1042	4536.41	1043	5875.17	1044	4052.00	1045	6655.62	1046	3316.23	1047	5888.72
1048	6890.44	1049	4690.58	1050	3515.79	1051	6392.66	1052	4052.00	1053	5611.38	1054	6357.83
1055	1105.29	1056	2170.08	1057	7641.34	1058	5743.28	1059	618.31	1060	4283.69	1061	4118.85
1062	5845.03	1063	5121.94	1064	4236.58	1065	3690.80	1066	5681.70	1067	3831.15	1069	4118.84
1070	5846.30	1071	5743.28	1073	4021.66	1074	3723.23	1075	4752.69	1076	1351.95	1077	1283.36
1078	1900.94	1079	6007.76	1080	1125.99	1081	1243.58	1082	3000.38	1083	1325.34	1084	1599.70
1085	7200.97	1087	3601.19	1088	3206.73	1089	1648.17	1090	772.79	1091	1201.41	1092	1673.27
1093	2669.39	1101	4273.62	1102	4566.97	1104	2254.70	1105	4097.17	1107	4097.17	1120	4294.98
1121	1833.17	1122	1318.90	1123	1648.45	1124	1349.87	1125	1134.30	1126	2676.70	1127	2864.65
1128	3861.84	1129	3957.38	1130	3957.38	1131	4874.56	1132	5660.15	1133	3348.71	1134	2734.19
1135	2570.51	1136	4712.27	1137	3256.50	1138	1309.51	1139	1270.31	1140	1252.79	1141	1056.82

# Comune di Botticino (BS)

Piazza A. Moro e Martiri della Libertà, 1, 25082 Botticino (BS)



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

1142	4667.92	1143	3957.38	1144	3957.38	1145	4148.46	1146	4148.46	1147	4100.69	1148	4100.69
1149	3288.60	1150	3288.59	1151	3288.59	1152	3288.60	1153	4148.46	1154	3056.76	2001	1806.19
2002	1806.19	2003	3445.15	2004	1616.92	2005	2646.85	2006	1855.05	2007	3611.66	2008	812.92
2009	4360.50	2010	3638.70	2011	4588.69	2012	1861.15	2013	3235.62	2014	4128.23	2015	1851.99
2016	1847.68	2017	1806.19	2018	1806.19	2019	1840.77	2020	1810.03	2021	2087.93	2022	2523.38
2023	2111.98	2024	2111.98	2025	2584.00	2026	2129.27	2027	1702.40	2028	853.21	2029	991.34
2030	2314.76	2031	780.79	2032	455.16	2033	130.05	2034	1741.94	2035	455.16	2036	1924.69
2037	3630.96	2038	455.16	2039	1563.38	2040	392.75	2041	698.67	2042	1794.23	2043	2100.86
2044	2542.86	2045	1461.64	2046	2830.56	2047	2209.48	2048	2365.85	2049	4385.12	2050	3298.43
2051	2831.57	2052	2729.04	2053	3222.25	2054	1461.64	2055	2743.86	2056	2727.92	2057	1809.45
2058	2526.11	2059	2920.23	2060	2796.50	2061	268.72	2062	1357.83	2063	1639.25	2064	3560.09
2065	3625.04	2066	3447.19	2067	2955.34	2068	3281.25	2069	2697.09	2070	1831.36	2071	1639.25
2072	2850.30	2073	2796.50	2074	428.07	2075	1598.48	2076	1405.99	2077	2348.12	2078	563.53
2079	525.60	2080	1051.20	2081	3018.75	2082	390.14	2083	455.16	2084	1893.92	2085	455.16
2086	606.88	2087	2583.32	2088	352.21	2089	1351.16	2090	1149.82	2091	908.93	2092	238.42
2093	238.42	2094	238.42	2095	541.86	2096	2101.56	2097	1392.61	2098	1180.26	2099	1579.72
2100	1650.50	2101	1582.00	2102	1367.95	2103	1571.67	2104	1459.47	2105	1821.16	2106	878.20
2107	1599.25	2108	2219.04	2109	1599.25	2110	1636.02	2111	520.18	2112	563.53	2113	385.80
2114	117.04	2115	117.04	2116	117.04	2117	117.04	2118	117.04	2119	117.04	2120	498.51
2121	1824.77	2122	1715.88	2123	790.98	2124	404.46	2125	1101.91	2126	1685.05	2127	1816.51
2128	1790.97	2129	1548.42	2130	1513.85	2131	1570.10	2132	1570.10	2133	1615.66	2134	2301.74
2135	1416.45	2136	108.37	2137	130.05	2138	541.86	2139	1666.86	2140	1816.51	2141	1760.26
2142	1570.10	2143	1288.85	2144	1288.85	2145	1570.10	2146	1570.10	2147	1319.55	2148	1319.55
2149	1300.07	2150	1300.07	2151	1176.35	2152	1176.35	2153	1176.35	2154	1176.35	2155	1319.55
2156	1399.08	3003	1638.95	3004	761.56	3007	1761.57	3008	1113.68	3009	2064.70	3011	2931.50
3015	1529.59	3016	1746.36	3017	2163.19	3018	1732.77	3019	1732.77	3020	2204.79	3021	1766.03
3022	1230.89	3023	1120.80	3024	988.02	3025	186.84	3026	332.38	3027	1232.72	3029	1226.53
3030	2491.57	3031	2259.31	3032	1933.35	3033	2217.73	3034	1286.09	3035	1674.54	3036	442.63
3038	1537.16	3039	2260.97	3040	1952.81	3041	1681.74	3042	1845.73	3043	1568.63	3044	927.18

### Totali masse nodi

Mo <kg>
1553480.00

### Elenco pesi e forze fittizie nodi

#### Simbologia

Fx =Forza in dir. X

Fy =Forza in dir. Y

Nodo =Numero del nodo

Peso =Peso

Nodo	Peso <daN>	Fx <daN>	Fy <daN>	Nodo	Peso <daN>	Fx <daN>	Fy <daN>	Nodo	Peso <daN>	Fx <daN>	Fy <daN>	Nodo	Peso <daN>	Fx <daN>	Fy <daN>
-2223	776.61	7.77	7.77	-2222	999.09	9.99	9.99	-2221	973.00	9.73	9.73	-2199	789.34	7.89	7.89
-2198	776.61	7.77	7.77	-2086	751.89	7.52	7.52	-2085	705.51	7.06	7.06	-2082	1940.42	19.40	19.40
-2081	1338.75	13.39	13.39	-2080	1617.66	16.18	16.18	-2079	1338.75	13.39	13.39	-2078	1617.66	16.18	16.18
-2077	1282.97	12.83	12.83	-2076	2008.13	20.08	20.08	-2075	531.56	5.32	5.32	-2074	426.56	4.27	4.27
-1947	1413.12	14.13	14.13	-1946	1413.13	14.13	14.13	-1945	1413.12	14.13	14.13	-1944	1896.56	18.97	18.97
-1943	1643.69	16.44	16.44	-1942	1095.05	10.95	10.95	-1941	544.69	5.45	5.45	-1940	544.69	5.45	5.45
-1939	444.15	4.44	4.44	-1938	444.15	4.44	4.44	-1937	382.46	3.82	3.82	-1936	382.46	3.82	3.82
-1935	382.46	3.82	3.82	-1934	2032.80	20.33	20.33	-1933	2032.80	20.33	20.33	-1932	1954.84	19.55	19.55
-1931	1954.84	19.55	19.55	-1930	1660.31	16.60	16.60	-1929	541.41	5.41	5.41	-1928	541.41	5.41	5.41
-1907	1758.75	17.59	17.59	-1906	1758.75	17.59	17.59	-1905	1275.09	12.75	12.75	-1854	1121.20	11.21	11.21
-1853	1121.20	11.21	11.21	-1852	1121.20	11.21	11.21	-1851	1121.20	11.21	11.21	-1838	923.34	9.23	9.23
-1766	901.36	9.01	9.01	-1765	1275.09	12.75	12.75	-1764	1275.09	12.75	12.75	-1763	1275.09	12.75	12.75
-1762	923.35	9.23	9.23	-1755	1283.89	12.84	12.84	-1754	1283.89	12.84	12.84	-1753	1283.89	12.84	12.84
-1752	1257.51	12.58	12.58	-1666	1275.09	12.75	12.75	-1665	1275.09	12.75	12.75	-1664	923.34	9.23	9.23
-1663	1275.09	12.75	12.75	-1662	901.36	9.01	9.01	-1655	1257.51	12.58	12.58	-1654	1275.09	12.75	12.75
-1653	1275.09	12.75	12.75	-1652	1363.03	13.63	13.63	-1638	1054.18	10.54	10.54	-1617	1428.88	14.29	14.29
-1616	1428.88	14.29	14.29	-1615	1060.01	10.60	10.60	-1550	1147.37	11.47	11.47	-1549	1176.49	11.76	11.76
-1548	1176.49	11.76	11.76	-1540	1060.01	10.60	10.60	-1539	1397.81	13.98	13.98	-1538	1397.81	13.98	13.98
-1515	994.00	9.94	9.94	-1514	962.94	9.63	9.63	-1379	962.94	9.63	9.63	-1378	1615.25	16.15	16.15
-1377	1615.25	16.15	16.15	-1376	962.94	9.63	9.63	-1375	962.94	9.63	9.63	-1374	962.94	9.63	9.63
-1373	1351.22	13.51	13.51	-1372	1351.22	13.51	13.51	-1238	2098.03	20.98	20.98	-1237	2098.03	20.98	20.98
-1236	2554.13	25.54	25.54	-1235	2554.12	25.54	25.54	-1234	2554.13	25.54	25.54	-1233	3329.48	33.29	33.29
-1232	3329.48	33.29	33.29	-1231	3329.49	33.29	33.29	-1106	3123.75	31.24	31.24	-1105	3123.75	31.24	31.24
-1104	3123.75	31.24	31.24	-1103	3257.62	32.58	32.58	-1102	3257.63	32.58	32.58	-1101	3257.63	32.58	32.58
-992	145.43	1.45	1.45	-991	117.60	1.18	1.18	-988	1501.63	15.02	15.02	-987	1039.50	10.39	10.39
-986	1256.06	12.56	12.56	-985	1039.50	10.39	10.39	-984	1256.06	12.56	12.56	-983	996.19	9.96	9.96
-982	1559.25	15.59	15.59	-857	532.98	5.33	5.33	-856	532.98	5.33	5.33	-852	2439.36	24.39	24.39
-851	2439.35	24.39	24.39	-850	2345.81	23.46	23.46	-849	2345.81	23.46	23.46	-848	1992.37	19.92	19.92
-748	1590.75	15.91	15.91	-747	1590.75	15.91	15.91	-746	1590.75	15.91	15.91	-745	1272.60	12.73	12.73



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

-744	1272.60	12.73	12.73	-743	1026.03	10.26	10.26	-742	1026.03	10.26	10.26	-741	1026.03	10.26	10.26
-739	1789.76	17.90	17.90	-738	2387.20	23.87	23.87	-737	2824.76	28.25	28.25	-736	2104.72	21.05	21.05
-735	2104.73	21.05	21.05	-734	2104.72	21.05	21.05	-578	1269.84	12.70	12.70	-577	1164.02	11.64	11.64
-576	1164.02	11.64	11.64	-575	917.11	9.17	9.17	-568	2886.84	28.87	28.87	-567	2886.84	28.87	28.87
-566	2886.84	28.87	28.87	-565	2886.84	28.87	28.87	-564	3130.31	31.30	31.30	-563	2330.34	23.30	23.30
-562	2330.34	23.30	23.30	-561	2330.34	23.30	23.30	-560	1219.05	12.19	12.19	-472	1465.62	14.66	14.66
-471	1465.62	14.66	14.66	-470	369.14	3.69	3.69	-467	393.75	3.94	3.94	-466	516.80	5.17	5.17
-465	516.80	5.17	5.17	-464	516.80	5.17	5.17	-438	2094.75	20.95	20.95	-437	2094.75	20.95	20.95
-436	1929.38	19.29	19.29	-432	987.66	9.88	9.88	-431	1072.31	10.72	10.72	-430	1072.31	10.72	10.72
-427	2254.74	22.55	22.55	-426	3415.08	34.15	34.15	-425	2054.98	20.55	20.55	-424	3111.42	31.11	31.11
-420	1796.88	17.97	17.97	-419	2774.26	27.74	27.74	-418	484.69	4.85	4.85	-416	484.69	4.85	4.85
-409	2615.26	26.15	26.15	-408	3977.45	39.77	39.77	-406	2615.26	26.15	26.15	-405	3977.46	39.77	39.77
-399	446.51	4.47	4.47	-398	807.45	8.07	8.07	-396	446.51	4.47	4.47	-395	807.45	8.07	8.07
-392	446.51	4.47	4.47	-391	807.45	8.07	8.07	-390	446.51	4.47	4.47	-389	807.45	8.07	8.07
-386	951.96	9.52	9.52	-385	2271.43	22.71	22.71	-384	951.96	9.52	9.52	-383	2271.43	22.71	22.71
-380	1126.39	11.26	11.26	-379	2694.76	26.95	26.95	-378	1037.28	10.37	10.37	-377	2479.41	24.79	24.79
-375	1048.67	10.49	10.49	-374	2501.52	25.02	25.02	-372	1048.67	10.49	10.49	-371	2501.53	25.02	25.02
-370	561.33	5.61	5.61	-369	1015.08	10.15	10.15	-366	561.33	5.61	5.61	-365	1015.08	10.15	10.15
-364	1263.24	12.63	12.63	-363	3007.16	30.07	30.07	-360	1263.24	12.63	12.63	-359	3007.16	30.07	30.07
-356	908.54	9.09	9.09	-355	2160.05	21.60	21.60	-354	908.54	9.09	9.09	-353	2160.05	21.60	21.60
-350	520.93	5.21	5.21	-349	2672.65	26.73	26.73	-348	520.93	5.21	5.21	-347	2672.65	26.73	26.73
-346	1865.47	18.65	18.65	-345	4135.81	41.36	41.36	-344	3597.52	35.98	35.98	-343	1927.95	19.28	19.28
-342	3045.66	30.46	30.46	-341	781.82	7.82	7.82	-340	793.34	7.93	7.93	-339	824.64	8.25	8.25
-338	781.82	7.82	7.82	-337	793.34	7.93	7.93	-336	824.64	8.25	8.25	-335	1047.76	10.48	10.48
-334	525.75	5.26	5.26	-333	1105.16	11.05	11.05	-332	1047.76	10.48	10.48	-331	525.75	5.26	5.26
-330	1105.16	11.05	11.05	-329	2195.65	21.96	21.96	-328	2195.65	21.96	21.96	-327	844.59	8.45	8.45
-326	1795.83	17.96	17.96	-325	844.59	8.45	8.45	-324	1795.83	17.96	17.96	-323	2258.09	22.58	22.58
-322	806.70	8.07	8.07	-321	1721.67	17.22	17.22	-320	2258.09	22.58	22.58	-319	806.70	8.07	8.07
-318	1721.67	17.22	17.22	-317	1577.86	15.78	15.78	-316	2364.72	23.65	23.65	-315	4061.39	40.61	40.61
-312	4061.39	40.61	40.61	-311	1577.86	15.78	15.78	-310	2364.73	23.65	23.65	-309	2108.50	21.09	21.09
-308	1901.90	19.02	19.02	-307	1901.90	19.02	19.02	-306	1532.32	15.32	15.32	-305	1337.27	13.37	13.37
-304	1574.02	15.74	15.74	-303	1602.56	16.03	16.03	-302	1633.28	16.33	16.33	-301	1179.94	11.80	11.80
-300	1795.79	17.96	17.96	-299	2576.11	25.76	25.76	-298	2516.29	25.16	25.16	-297	2516.29	25.16	25.16
-296	2304.45	23.04	23.04	-295	2471.40	24.71	24.71	-294	2008.62	20.09	20.09	-293	1053.61	10.54	10.54
-292	1816.37	18.16	18.16	-291	1052.49	10.52	10.52	-290	1131.17	11.31	11.31	-289	1052.49	10.52	10.52
-288	1131.17	11.31	11.31	-287	1139.67	11.40	11.40	-286	2525.62	25.26	25.26	-285	2525.62	25.26	25.26
-284	2499.67	25.00	25.00	-283	2205.59	22.06	22.06	-282	2205.59	22.06	22.06	-281	2205.59	22.06	22.06
-280	1008.16	10.08	10.08	-279	1357.13	13.57	13.57	-278	3121.13	31.21	31.21	-277	2222.40	22.22	22.22
-276	3172.05	31.72	31.72	-275	2149.61	21.50	21.50	-274	2250.25	22.50	22.50	-273	3046.84	30.47	30.47
-272	2064.76	20.65	20.65	-271	1092.39	10.92	10.92	-270	1460.81	14.61	14.61	-269	989.95	9.90	9.90
-268	707.17	7.07	7.07	-267	2123.18	21.23	21.23	-266	1063.13	10.63	10.63	-265	1971.31	19.71	19.71
-264	691.03	6.91	6.91	-263	1031.23	10.31	10.31	-262	1031.23	10.31	10.31	-261	3508.77	35.09	35.09
-260	3711.88	37.12	37.12	-259	3470.01	34.70	34.70	-258	2543.63	25.44	25.44	-257	839.87	8.40	8.40
-256	3185.10	31.85	31.85	-255	4099.21	40.99	40.99	-254	2593.50	25.93	25.93	-253	2593.50	25.93	25.93
-252	3185.10	31.85	31.85	-251	2820.35	28.20	28.20	-250	1841.79	18.42	18.42	-249	2836.97	28.37	28.37
-248	3646.91	36.47	36.47	-247	1662.81	16.63	16.63	-246	1841.79	18.42	18.42	-245	3744.82	37.45	37.45
-244	3394.62	33.95	33.95	-243	3379.69	33.80	33.80	-242	797.48	7.97	7.97	-241	1899.38	18.99	18.99
-240	4180.17	41.80	41.80	-239	4089.59	40.90	40.90	-238	3790.22	37.90	37.90	-237	3309.77	33.10	33.10
-236	2907.41	29.07	29.07	-235	2149.48	21.49	21.49	-234	2235.19	22.35	22.35	-233	1871.49	18.71	18.71
-232	914.29	9.14	9.14	-231	4358.55	43.59	43.59	-230	1031.25	10.31	10.31	-229	5329.92	53.30	53.30
-228	4424.32	44.24	44.24	-227	2045.54	20.46	20.46	-226	4424.32	44.24	44.24	-225	5329.92	53.30	53.30
-224	4424.32	44.24	44.24	-223	2045.54	20.46	20.46	-222	4424.32	44.24	44.24	-221	2060.92	20.61	20.61
-220	4125.62	41.26	41.26	-219	6060.46	60.60	60.60	-218	6060.46	60.60	60.60	-217	5998.20	59.98	59.98
-216	2557.89	25.58	25.58	-215	1960.95	19.61	19.61	-214	1960.95	19.61	19.61	-213	1960.95	19.61	19.61
-212	2608.97	26.09	26.09	-211	2326.33	23.26	23.26	-210	1745.63	17.46	17.46	-208	5370.29	53.70	53.70
-206	3183.13	31.83	31.83	-205	1745.63	17.46	17.46	-204	5437.59	54.38	54.38	-202	3057.48	30.57	30.57
-199	1549.04	15.49	15.49	-198	1590.93	15.91	15.91	-193	3775.00	37.75	37.75	-192	670.31	6.70	6.70
-191	3141.46	31.41	31.41	-189	3974.98	39.75	39.75	-188	985.42	9.85	9.85	-187	985.42	9.85	9.85
-186	825.00	8.25	8.25	-185	825.00	8.25	8.25	-184	825.00	8.25	8.25	-183	1864.82	18.65	18.65
-182	1864.82	18.65	18.65	-181	5430.84	54.31	54.31	-180	5741.17	57.41	57.41	-179	8985.37	89.85	89.85
-178	4053.50	40.53	40.53	-176	6739.03	67.39	67.39	-175	7289.66	72.90	72.90	-174	7432.01	74.32	74.32
-173	8224.40	82.24	82.24	-172	4081.70	40.82	40.82	-171	6082.54	60.83	60.83	-170	6082.54	60.83	60.83
-169	713.28	7.13	7.13	-168	7289.66	72.90	72.90	-167	7432.01	74.32	74.32	-166	6739.03	67.39	67.39
-165	2168.58	21.69	21.69	-164	4450.57	44.51	44.51	-163	4180.17	41.80	41.80	-162	5644.65	56.45	56.45
-161	1576.45	15.76	15.76	-159	4450.57	44.51	44.51	-158	9742.60	97.43	97.43	-157	5573.56	55.74	55.74
-156	2803.13	28.03	28.03	-155	5269.50	52.70	52.70	-154	9742.60	97.43	97.43	-153	6990.08	69.90	69.90
-152	4526.27	45.26	45.26	-151	5486.53	54.87	54.87	-150	8205.82	82.06	82.06	-149	8048.46	80.48	80.48
-148	5997.01	59.97	59.97	-147	4102.91	41.03	41.03	-146	3758.01	37.58	37.58	-145	4493.45	44.93	44.93
-144	6990.08	69.90	69.90	-143	2037.85	20.38	20.38	-142	8099.42	80.99	80.99	-141	3293.47	32.93	32.93
-140	8099.42	80.99	80.99	-139	6250.72	62.51	62.51	-138	4522.35	45.22	45.22	-137	721.88	7.22	7.22
-136	721.88	7.22	7.22	-135	1653.35	16.53	16.53	-134	721.88	7.22	7.22	-133	721.88	7.22	7.22
-132	767.71	7.68	7.68	-131	767.71	7.68	7.68	-130	935.00	9.35	9.35	-129	935.00	9.35	9.35
-128	935.00	9.35	9.35	-127	935.00	9.35	9.35	-126	972.81	9.73	9.73	-125	972.81	9.73	9.73
-124	976.25	9.76	9.76	-123	2478.44	24.78	24.78	-122	2549.25	25.49	25.49	1001	2803.13	28.03	28.03



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

1002	2803.13	28.03	28.03	1003	2803.13	28.03	28.03	1004	2195.65	21.96	21.96	1005	8002.85	80.03	80.03
1006	2895.42	28.95	28.95	1007	3034.79	30.35	30.35	1009	4532.53	45.33	45.33	1010	6265.35	62.65	62.65
1011	4394.06	43.94	43.94	1012	2906.96	29.07	29.07	1015	2889.65	28.90	28.90	1016	2881.52	28.82	28.82
1017	2803.13	28.03	28.03	1018	2872.34	28.72	28.72	1019	2868.44	28.68	28.68	1020	2312.77	23.13	23.13
1021	3392.35	33.92	33.92	1022	4171.29	41.71	41.71	1023	4263.36	42.63	42.63	1024	4263.36	42.63	42.63
1025	4263.36	42.63	42.63	1026	3449.02	34.49	34.49	1027	2286.98	22.87	22.87	1028	2785.19	27.85	27.85
1029	2318.60	23.19	23.19	1030	6299.40	62.99	62.99	1031	2305.28	23.05	23.05	1032	1552.24	15.52	15.52
1033	591.64	5.92	5.92	1034	5126.31	51.26	51.26	1035	1168.39	11.68	11.68	1036	2496.91	24.97	24.97
1037	807.45	8.07	8.07	1038	1658.49	16.58	16.58	1039	1643.33	16.43	16.43	1040	2119.06	21.19	21.19
1041	2105.38	21.05	21.05	1042	5120.02	51.20	51.20	1043	6597.54	65.98	65.98	1044	4472.01	44.72	44.72
1045	7467.41	74.67	74.67	1046	3637.00	36.37	36.37	1047	6684.46	66.84	66.84	1048	7579.23	75.79	75.79
1049	5230.11	52.30	52.30	1050	3930.46	39.30	39.30	1051	7126.42	71.26	71.26	1052	4472.01	44.72	44.72
1053	6317.37	63.17	63.17	1054	7127.44	71.27	71.27	1055	1084.29	10.84	10.84	1056	2128.85	21.29	21.29
1057	8587.31	85.87	85.87	1058	6467.16	64.67	64.67	1059	606.57	6.07	6.07	1060	4731.25	47.31	47.31
1061	4551.79	45.52	45.52	1062	6461.41	64.61	64.61	1063	5726.20	57.26	57.26	1064	4725.79	47.26	47.26
1065	4122.85	41.23	41.23	1066	6324.91	63.25	63.25	1067	4280.58	42.81	42.81	1069	4551.79	45.52	45.52
1070	6586.59	65.87	65.87	1071	6467.16	64.67	64.67	1073	4429.00	44.29	44.29	1074	4121.09	41.21	41.21
1075	5064.43	50.64	50.64	1076	1326.26	13.26	13.26	1077	1258.98	12.59	12.59	1078	1864.83	18.65	18.65
1079	6482.59	64.83	64.83	1080	1104.60	11.05	11.05	1081	1219.95	12.20	12.20	1082	2968.88	29.69	29.69
1083	1300.16	13.00	13.00	1084	1569.31	15.69	15.69	1085	7875.45	78.75	78.75	1087	3972.98	39.73	39.73
1088	3542.48	35.42	35.42	1089	1742.39	17.42	17.42	1090	758.11	7.58	7.58	1091	1248.78	12.49	12.49
1092	1806.77	18.07	18.07	1093	2863.77	28.64	28.64	1101	4706.28	47.06	47.06	1102	5041.98	50.42	50.42
1104	2380.61	23.81	23.81	1105	4530.52	45.31	45.31	1107	4530.52	45.31	45.31	1120	4745.88	47.46	47.46
1121	1940.84	19.41	19.41	1122	1406.34	14.06	14.06	1123	1691.68	16.92	16.92	1124	1324.23	13.24	13.24
1125	1112.75	11.13	11.13	1126	2866.82	28.67	28.67	1127	3146.89	31.47	31.47	1128	4260.81	42.61	42.61
1129	4364.59	43.65	43.65	1130	4364.59	43.65	43.65	1131	5360.83	53.61	53.61	1132	6161.07	61.61	61.61
1133	3564.46	35.64	35.64	1134	3044.34	30.44	30.44	1135	2858.21	28.58	28.58	1136	5197.84	51.98	51.98
1137	3460.88	34.61	34.61	1138	1284.63	12.85	12.85	1139	1246.17	12.46	12.46	1140	1228.99	12.29	12.29
1141	1036.74	10.37	10.37	1142	5143.32	51.43	51.43	1143	4364.59	43.65	43.65	1144	4364.59	43.65	43.65
1145	4572.14	45.72	45.72	1146	4572.14	45.72	45.72	1147	4520.25	45.20	45.20	1148	4520.25	45.20	45.20
1149	3638.16	36.38	36.38	1150	3638.16	36.38	36.38	1151	3638.16	36.38	36.38	1152	3638.16	36.38	36.38
1153	4572.14	45.72	45.72	1154	3209.73	32.10	32.10	2001	1771.88	17.72	17.72	2002	1771.88	17.72	17.72
2003	3379.69	33.80	33.80	2004	1795.83	17.96	17.96	2005	3076.11	30.76	30.76	2006	1834.00	18.34	18.34
2007	3566.80	35.67	35.67	2008	797.48	7.97	7.97	2009	4543.71	45.44	45.44	2010	4102.22	41.02	41.02
2011	4664.67	46.65	46.65	2012	1841.77	18.42	18.42	2013	3304.43	33.04	33.04	2014	4289.20	42.89	42.89
2015	1830.12	18.30	18.30	2016	1824.64	18.25	18.25	2017	1771.88	17.72	17.72	2018	1771.88	17.72	17.72
2019	1815.84	18.16	18.16	2020	1874.64	18.75	18.75	2021	2210.51	22.11	22.11	2022	2618.44	26.18	26.18
2023	2217.60	22.18	22.18	2024	2217.60	22.18	22.18	2025	2680.65	26.81	26.81	2026	2251.07	22.51	22.51
2027	1752.22	17.52	17.52	2028	950.60	9.51	9.51	2029	1153.56	11.54	11.54	2030	2691.61	26.92	26.92
2031	939.36	9.39	9.39	2032	446.51	4.47	4.47	2033	127.58	1.28	1.28	2034	2038.77	20.39	20.39
2035	446.51	4.47	4.47	2036	1992.93	19.93	19.93	2037	4092.38	40.92	40.92	2038	446.51	4.47	4.47
2039	1539.97	15.40	15.40	2040	385.28	3.85	3.85	2041	685.40	6.85	6.85	2042	1760.14	17.60	17.60
2043	2611.74	26.12	26.12	2044	3088.77	30.89	30.89	2045	1728.52	17.29	17.29	2046	3423.13	34.23	34.23
2047	2446.47	24.46	24.46	2048	3008.58	30.09	30.09	2049	4735.48	47.35	47.35	2050	3528.36	35.28	35.28
2051	3098.75	30.99	30.99	2052	2842.48	28.42	28.42	2053	3744.82	37.45	37.45	2054	1728.52	17.29	17.29
2055	3385.33	33.85	33.85	2056	3300.16	33.00	33.00	2057	1808.91	18.09	18.09	2058	2511.95	25.12	25.12
2059	3537.16	35.37	35.37	2060	3452.27	34.52	34.52	2061	263.62	2.64	2.64	2062	1596.50	15.96	15.96
2063	1964.88	19.65	19.65	2064	3952.61	39.53	39.53	2065	3890.25	38.90	38.90	2066	3761.49	37.61	37.61
2067	3233.97	32.34	32.34	2068	3462.77	34.63	34.63	2069	2891.70	28.92	28.92	2070	1908.31	19.08	19.08
2071	1964.88	19.65	19.65	2072	3520.68	35.21	35.21	2073	3452.27	34.52	34.52	2074	419.93	4.20	4.20
2075	1906.73	19.07	19.07	2076	1693.45	16.93	16.93	2077	2584.39	25.84	25.84	2078	552.83	5.53	5.53
2079	515.62	5.16	5.16	2080	1031.23	10.31	10.31	2081	3468.72	34.69	34.69	2082	382.73	3.83	3.83
2083	446.51	4.47	4.47	2084	1883.44	18.83	18.83	2085	446.51	4.47	4.47	2086	595.35	5.95	5.95
2087	2939.88	29.40	29.40	2088	345.52	3.46	3.46	2089	1620.58	16.21	16.21	2090	1385.33	13.85	13.85
2091	1009.69	10.10	10.10	2092	233.89	2.34	2.34	2093	233.89	2.34	2.34	2094	233.89	2.34	2.34
2095	531.56	5.32	5.32	2096	2312.59	23.13	23.13	2097	1527.75	15.28	15.28	2098	1289.14	12.89	12.89
2099	1716.36	17.16	17.16	2100	1795.89	17.96	17.96	2101	1697.89	16.98	16.98	2102	1407.11	14.07	14.07
2103	1839.56	18.40	18.40	2104	1712.63	17.13	17.13	2105	2227.71	22.28	22.28	2106	965.57	9.66	9.66
2107	1920.32	19.20	19.20	2108	2695.88	26.96	26.96	2109	1920.32	19.20	19.20	2110	1769.68	17.70	17.70
2111	510.30	5.10	5.10	2112	552.83	5.53	5.53	2113	378.47	3.78	3.78	2114	114.82	1.15	1.15
2115	114.82	1.15	1.15	2116	114.82	1.15	1.15	2117	114.82	1.15	1.15	2118	114.82	1.15	1.15
2119	114.82	1.15	1.15	2120	489.04	4.89	4.89	2121	2049.60	20.50	20.50	2122	2056.03	20.56	20.56
2123	898.77	8.99	8.99	2124	467.09	4.67	4.67	2125	1209.11	12.09	12.09	2126	1982.17	19.82	19.82
2127	2184.00	21.84	21.84	2128	2113.72	21.14	21.14	2129	1855.68	18.56	18.56	2130	1811.71	18.12	18.12
2131	1876.94	18.77	18.77	2132	1876.94	18.77	18.77	2133	1874.41	18.74	18.74	2134	2635.99	26.36	26.36
2135	1585.16	15.85	15.85	2136	106.31	1.06	1.06	2137	127.58	1.28	1.28	2138	531.56	5.32	5.32
2139	1836.19	18.36	18.36	2140	2184.00	21.84	21.84	2141	2118.77	21.19	21.19	2142	1876.94	18.77	18.77
2143	1550.78	15.51	15.51	2144	1550.78	15.51	15.51	2145	1876.94	18.77	18.77	2146	1876.94	18.77	18.77
2147	1545.73	15.46	15.46	2148	1545.73	15.46	15.46	2149	1524.11	15.24	15.24	2150	1524.11	15.24	15.24
2151	1420.32	14.20	14.20	2152	1420.32	14.20	14.20	2153	1420.32	14.20	14.20	2154	1420.32	14.20	14.20
2155	1545.73	15.46	15.46	2156	1478.02	14.78	14.78	3003	1607.81	16.08	16.08	3004	844.59	8.45	8.45
3007	1763.74	17.64	17.64	3008	1179.94	11.80	11.80	3009	2149.22	21.49	21.49	3011	3251.50	32.52	32.52
3015	1790.77	17.91	17.91	3016	2089.31	20.89	20.89	3017	2453.						



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

3023	1209.01	12.09	12.09	3024	1046.34	10.46	10.46	3025	183.29	1.83	1.83	3026	326.06	3.26	3.26
3027	1319.50	13.20	13.20	3029	1332.97	13.33	13.33	3030	2776.85	27.77	27.77	3031	2655.28	26.55	26.55
3032	2378.09	23.78	23.78	3033	2541.09	25.41	25.41	3034	1356.13	13.56	13.56	3035	1812.94	18.13	18.13
3036	525.72	5.26	5.26	3038	1731.33	17.31	17.31	3039	2621.76	26.22	26.22	3040	2374.70	23.75	23.75
3041	2054.39	20.54	20.54	3042	2075.80	20.76	20.76	3043	1806.13	18.06	18.06	3044	1093.31	10.93	10.93

### Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

#### Simbologia

$\Phi_x$  = Coefficiente di partecipazione in dir. X  
 $\Phi_y$  = Coefficiente di partecipazione in dir. Y  
 $\Phi_z$  = Coefficiente di partecipazione in dir. Z  
 $\%J_{pz}$  = Percentuale momento d'inerzia polare partecipante intorno all'asse Z  
 $\%M_x$  = Percentuale massa partecipante in dir. X  
 $\%M_y$  = Percentuale massa partecipante in dir. Y  
 $\%M_z$  = Percentuale massa partecipante in dir. Z  
C = \* indica che il modo è stato considerato  
Diff. = Minima differenza percentuale dagli altri periodi  
Modo = Numero del modo di vibrare  
T = Periodo

Modo	C	T	Diff.	$\Phi_x$	$\Phi_y$	$\Phi_z$	$\%M_x$	$\%M_y$	$\%M_z$	$\%J_{pz}$
1	*	0.58	13.92	156.55	-44.22	0.00	15.78	1.26	0.00	0.00
2	*	0.51	13.92	-43.86	-170.87	0.00	1.24	18.79	0.00	0.00
3		0.44	13.99	10.42	-9.70	0.00	0.07	0.06	0.00	0.00
4	*	0.30	10.50	-4.14	-139.00	0.00	0.01	12.44	0.00	0.00
5	*	0.27	10.50	-169.97	5.70	0.00	18.60	0.02	0.00	0.00
6	*	0.20	11.01	-38.93	-99.11	0.00	0.98	6.32	0.00	0.00
7	*	0.18	11.01	-111.67	45.93	0.00	8.03	1.36	0.00	0.00
8		0.14	24.70	-23.62	-51.55	0.00	0.36	1.71	0.00	0.00
9		0.09	52.38	0.33	-69.45	0.00	0.00	3.10	0.00	0.00
10		0.01	17.76	0.06	-0.32	0.00	0.00	0.00	0.00	0.00
11	*	0.00	17.76	29.98	-200.37	0.00	0.58	25.84	0.00	0.00
12		0.00	16.12	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
13		0.00	16.12	-19.82	-3.64	0.00	0.25	0.01	0.00	0.00
14		0.00	38.56	-0.04	-0.20	0.00	0.00	0.00	0.00	0.00
15	*	0.00	38.56	-265.00	-1.90	0.00	45.21	0.00	0.00	0.00
16		0.00	31.17	-36.92	-77.58	0.00	0.88	3.87	0.00	0.00
17	*	0.00	31.17	-7.87	-140.43	0.00	0.04	12.69	0.00	0.00
18	*	0.00	54.27	75.15	96.68	0.00	3.64	6.02	0.00	0.00
Tot.cons.							94.08	84.75	0.00	0.00

### Elenco coefficienti di risposta

#### Simbologia

Modo = Numero del modo di vibrare  
 $S_x$  = Coefficiente di risposta (moltiplicato per 100) in dir. X  
 $S_y$  = Coefficiente di risposta (moltiplicato per 100) in dir. Y

#### Stato limite di operatività

Modo	$S_x$	$S_y$
1	23.18	23.18
2	23.18	23.18
3	23.18	23.18
4	23.18	23.18
5	23.18	23.18
6	23.18	23.18
7	21.85	21.85
8	19.35	19.35
9	15.86	15.86
10	9.58	9.58
11	9.52	9.52
12	9.45	9.45
13	9.42	9.42
14	9.35	9.35
15	9.31	9.31
16	9.28	9.28
17	9.26	9.26
18	9.24	9.24

#### Stato limite di danno



Modo	Sx	Sy
1	20.07	20.07
2	20.07	20.07
3	20.07	20.07
4	20.07	20.07
5	20.07	20.07
6	19.75	19.75
7	19.00	19.00
8	17.64	17.64
9	15.76	15.76
10	12.37	12.37
11	12.34	12.34
12	12.30	12.30
13	12.28	12.28
14	12.24	12.24
15	12.22	12.22
16	12.21	12.21
17	12.20	12.20
18	12.19	12.19

Stato limite di salvaguardia della vita

Modo	Sx	Sy
1	63.66	63.66
2	63.66	63.66
3	63.66	63.66
4	63.66	63.66
5	63.66	63.66
6	60.99	60.99
7	58.05	58.05
8	52.77	52.77
9	45.41	45.41
10	32.14	32.14
11	32.02	32.02
12	31.88	31.88
13	31.80	31.80
14	31.67	31.67
15	31.58	31.58
16	31.52	31.52
17	31.48	31.48
18	31.44	31.44

## Domanda in duttilità di curvatura

Direzione X  $\mu_{EdX}=2149.04$

Direzione Y  $\mu_{EdY}=716.57$

## Sollecitazioni elementi bidimensionali

### Simbologia

$\sigma_{xx}$  = Tensione normale sulle facce perp. all'asse X

$\sigma_{zz}$  = Tensione normale sulle facce perp. all'asse Z

$\tau_{xy}$  = Tensione in dir. Y sulle facce perp. all'asse X

$\tau_{xz}$  = Tensione in dir. Z sulle facce perp. all'asse X

$\tau_{zy}$  = Tensione in dir. Y sulle facce perp. all'asse Z

Bid. = Numero del muro/elemento bidimensionale

CC = Numero della combinazione delle condizioni di carico elementari

Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X

Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X

Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z

Nodo = Numero del nodo

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

SLO = Stato limite di operatività

SND = Stato limite di salvaguardia della vita (non dissipativo)

### Bid. 604

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
$\sigma_{xx}$ <daN/mq>	7	SND	-1825	-717	7	SND	-1825	642	$\sigma_{zz}$ <daN/mq>	7	SND	-1778	-1090	7	SND	-1778	976



## Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave Progetto Esecutivo

$\tau_{xz}$ <daN/mq>	7	SND	2135	-728	7	SND	2135	817	$M_{xx}$ <daNm/m>	1	SND	-1815	0	1	SND	-1780	0
$M_{zz}$ <daNm/m>	1	SND	-1752	0	1	SND	-287	0	$M_{xz}$ <daNm/m>	1	SND	-520	0	1	SND	-1844	0
$\tau_{zy}$ <daN/mq>	1	SND	2108	0	1	SND	-1756	0	$\tau_{xy}$ <daN/mq>	1	SND	-284	0	1	SND	-1779	0

### Bid. 605

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
$\sigma_{xx}$ <daN/mq>	1	SND	2128	-310	1	SND	-1673	198	$\sigma_{zz}$ <daN/mq>	1	SND	2128	-331	1	SND	2127	212
$\tau_{xz}$ <daN/mq>	1	SND	-1909	-181	1	SND	-1907	203	$M_{xx}$ <daNm/m>	1	SND	-1916	0	1	SND	-1867	0
$M_{zz}$ <daNm/m>	1	SND	-1857	0	1	SND	-1651	0	$M_{xz}$ <daNm/m>	1	SND	-1857	0	1	SND	-1867	0
$\tau_{zy}$ <daN/mq>	1	SND	-1887	0	1	SND	-1904	0	$\tau_{xy}$ <daN/mq>	1	SND	-1913	0	1	SND	-1926	0

### Bid. 606

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
$\sigma_{xx}$ <daN/mq>	7	SND	-605	-39302	7	SND	-399	38752	$\sigma_{zz}$ <daN/mq>	7	SND	-603	-15602	7	SND	-604	15824
$\tau_{xz}$ <daN/mq>	7	SND	2002	-18739	7	SND	-396	19006	$M_{xx}$ <daNm/m>	1	SND	-1182	0	1	SND	-908	0
$M_{zz}$ <daNm/m>	1	SND	-1082	0	1	SND	-259	0	$M_{xz}$ <daNm/m>	1	SND	-852	0	1	SND	-1067	0
$\tau_{zy}$ <daN/mq>	1	SND	-1328	0	1	SND	-872	0	$\tau_{xy}$ <daN/mq>	1	SND	-265	0	1	SND	-938	0

### Bid. 607

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
$\sigma_{xx}$ <daN/mq>	7	SND	-334	-158483	7	SND	-334	158820	$\sigma_{zz}$ <daN/mq>	7	SND	-2119	-68749	7	SND	-2119	68594
$\tau_{xz}$ <daN/mq>	7	SND	3003	-82339	7	SND	3003	82164	$M_{xx}$ <daNm/m>	1	SND	-2113	0	1	SND	-2127	0
$M_{zz}$ <daNm/m>	1	SND	-1964	0	1	SND	-2010	0	$M_{xz}$ <daNm/m>	1	SND	-2026	0	1	SND	-2038	0
$\tau_{zy}$ <daN/mq>	1	SND	-2142	0	1	SND	-1945	0	$\tau_{xy}$ <daN/mq>	1	SND	-1934	0	1	SND	-2040	0