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**          Gen 2020          Modeling, Integrated Design & Analysis
Software          **
**          GENERAL STRUCTURE DESIGN SYSTEM
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      XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXX
      XXXX XXXX  XX  XX  XX  XX  XX  XX  XX  XX
      XX XXX XX  XX  XX  XX  XX  XX  XX
      XX X XX  XX  XX  XX  XXXXXXXX  XXXXXXXX
      XXX  XX  XXX  XXX  XX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXX /Gen

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Gen 2020

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MIDAS TEAM

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STATO DI PROGETTO – MODELLO B

DATA INPUT

*** CONTROL DATA

Panel Zone Effect : Do not Calculate

Unit System : KN, M

Definition of Frame

- X Direction of Frame : Braced I Non-sway
- Y Direction of Frame : Braced I Non-sway
- Design Type : 3-D

Design Code

- Steel : Eurocode3
- Concrete : Eurocode2:04
- SRC : SSRC79

*** LOAD CASE DATA

NO	NAME	TYPE	SELF WEIGHT	FACTOR	DESCRIPTION		
			X	Y	Z		

palestra, tamponature	1	Gk1	D	0.000	0.000	-1.000	Copertura
	2	Gk2	D	0.000	0.000	0.000	
	4	Qk1	S	0.000	0.000	0.000	
tribuna	5	Qk2	L	0.000	0.000	0.000	Affollamento
	8	Statico Eq X	E	0.000	0.000	0.000	
	9	Statico Eq Y	E	0.000	0.000	0.000	
	3	Sisma RSX	E	0.000	0.000	0.000	
	6	Sisma RSY	E	0.000	0.000	0.000	

*** MATERIAL PROPERTY DATA

NO POISSON	WEIGHT DENSITY	NAME	TYPE	MODULUS OF ELASTICITY	SHEAR MODULUS	THERMAL COEFF.

1		C25/30	CONC	3.148e+007	1.311e+007	1e-005
0.2	25					
3		C45/55	CONC	3.628e+007	1.512e+007	1e-005
0.2	25					
4		Muratura	USER	4.55e+006	2.068e+006	0
0.1	15					
5		Fittizio	CONC	3148	1311	5.556e-006
0.2	0					
6	S355	fittizio	USER	2.1e+008	8.077e+007	1.2e-005
0.3	0					
7		C28/35	CONC	3.231e+007	1.346e+007	1e-005
0.2	25					
8		Rigido	USER	1e+010	5e+009	0
0	0					
9		S355	STEEL	2.1e+008	8.077e+007	1.2e-005
0.3	76.98					
10	Cls+Acc	rinforzo	SRC	2.1e+008	8.077e+007	1.2e-005
0.3	76.98					
				3.148e+007	1.311e+007	1e-005
0.2	25					
11		Tamponamenti	CONC	4.55e+006	2.068e+006	0
0.1	0					

NO	NAME	TYPE	STRENGTH OF DESIGN		
MATERIAL					
			STEEL	CONCRETE	MAIN REBAR
SUB	REBAR				
-----	-----	-----	-----	-----	-----
1	C25/30	CONC	-	2.5e+004	4.2e+005
4.2e+005					
3	C45/55	CONC	-	4.5e+004	4.5e+005
4.5e+005					
5	Fittizio	CONC	-	0	4.5e+005
4.5e+005					
7	C28/35	CONC	-	2.8e+004	4.5e+005
4.5e+005					
9	S355	STEEL	3.55e+005	-	-
-					
10	Cls+Acc rinforzo	SRC	2.35e+005	2.5e+004	4.5e+005

4.5e+005					
11	Tamponamenti	CONC	-	0	4.5e+005
4.5e+005					

*** STORY DATA

NAME	LEVEL	HEIGHT	FLOOR DIAPHRAGM
-----	-----	-----	-----
5F	7.825	0.000	Do not consider
4F	6.025	1.800	Do not consider
3F	4.245	1.780	Consider
2F	2.525	1.720	Do not consider
1F	0.600	1.925	Do not consider

*** NODE DATA

NO	X	Y	Z	TEMPERATURE
-----	-----	-----	-----	-----
81	0	0	2.525	0
82	31.32	0	2.525	0
83	26.1	0	2.525	0
84	20.88	0	2.525	0
85	15.66	0	2.525	0
86	10.44	0	2.525	0
87	5.22	0	2.525	0
88	0	24.11	6.025	0
89	0	19.27	6.025	0
90	0	14.43	6.025	0
91	0	9.68	6.025	0
92	0	4.84	6.025	0
93	0	0	6.025	0
94	5.22	24.11	6.025	0
95	10.44	24.11	6.025	0
96	15.66	24.11	6.025	0
97	20.88	24.11	6.025	0
98	26.1	24.11	6.025	0
100	31.32	19.27	6.025	0
101	31.32	14.43	6.025	0
102	31.32	9.68	6.025	0
103	31.32	4.84	6.025	0
104	31.32	0	6.025	0
127	26.1	0	7.45	0
128	20.88	0	7.45	0

129	15.66	0	7.45	0
130	10.44	0	7.45	0
131	5.22	0	7.45	0
133	0	-1.9	2.525	0
134	0	-1.9	6.025	0
136	31.32	-1.9	2.525	0
137	31.32	-1.9	6.025	0
140	5.22	-1.9	2.525	0
141	5.22	-1.9	6.025	0
142	5.22	-1.9	7.45	0
144	10.44	-1.9	2.525	0
145	10.44	-1.9	6.025	0
146	10.44	-1.9	7.45	0
148	15.66	-1.9	2.525	0
149	15.66	-1.9	6.025	0
150	15.66	-1.9	7.45	0
152	20.88	-1.9	2.525	0
153	20.88	-1.9	6.025	0
154	20.88	-1.9	7.45	0
156	26.1	-1.9	2.525	0
157	26.1	-1.9	6.025	0
158	26.1	-1.9	7.45	0
159	0	24.11	7.825	0
160	0	19.27	7.825	0
161	0	14.43	7.825	0
162	0	9.68	7.825	0
164	0	0	7.825	0
165	5.22	24.11	7.825	0
166	10.44	24.11	7.825	0
167	15.66	24.11	7.825	0
168	20.88	24.11	7.825	0
169	26.1	24.11	7.825	0
170	31.32	24.11	7.825	0
171	31.32	19.27	7.825	0
172	31.32	14.43	7.825	0
173	31.32	9.68	7.825	0
174	31.32	4.84	7.825	0
175	31.32	0	7.825	0
176	26.1	0	7.825	0
177	20.88	0	7.825	0
178	15.66	0	7.825	0
179	10.44	0	7.825	0
180	5.22	0	7.825	0
181	0	-1.9	7.825	0
182	31.32	-1.9	7.825	0
183	5.22	-1.9	7.825	0
184	10.44	-1.9	7.825	0
185	15.66	-1.9	7.825	0
186	20.88	-1.9	7.825	0
187	26.1	-1.9	7.825	0
221	31.32	24.11	0.6	0
251	31.32	19.27	0.6	0
252	31.32	14.43	0.6	0

253	31.32	9.68	0.6	0
254	31.32	4.84	0.6	0
255	31.32	0	0.6	0
256	0	24.11	0.6	0
257	0	19.27	0.6	0
258	0	14.43	0.6	0
259	0	9.68	0.6	0
260	0	4.84	0.6	0
261	0	0	0.6	0
262	5.22	24.11	0.6	0
263	10.44	24.11	0.6	0
264	15.66	24.11	0.6	0
265	20.88	24.11	0.6	0
266	26.1	24.11	0.6	0
270	31.32	24.11	4.245	0
282	31.32	19.27	4.245	0
283	31.32	14.43	4.245	0
284	31.32	9.68	4.245	0
285	31.32	4.84	4.245	0
296	31.32	3.87	4.245	0
319	33.82	0	2.525	0
364	5.22	0	0.6	0
365	10.44	0	0.6	0
366	15.66	0	0.6	0
367	20.88	0	0.6	0
368	26.1	0	0.6	0
369	0	24.11	7.725	0
370	0	19.27	7.725	0
371	0	14.43	7.725	0
372	0	9.68	7.725	0
373	0	4.84	7.725	0
374	0	0	7.725	0
375	31.32	24.11	7.725	0
376	31.32	19.27	7.725	0
377	31.32	14.43	7.725	0
378	31.32	9.68	7.725	0
379	31.32	4.84	7.725	0
380	31.32	0	7.725	0
910	0	-1.9	7.725	0
911	31.32	-1.9	7.725	0
987	0	-1.8	7.825	0
988	31.32	-1.8	7.825	0
989	5.22	-1.8	7.825	0
990	10.44	-1.8	7.825	0
991	15.66	-1.8	7.825	0
992	20.88	-1.8	7.825	0
993	26.1	-1.8	7.825	0
999	5.22	9.68	7.825	0
1000	10.44	9.68	7.825	0
1001	15.66	9.68	7.825	0
1002	20.88	9.68	7.825	0
1003	26.1	9.68	7.825	0
1004	5.22	14.43	7.825	0

1005	10.44	14.43	7.825	0
1006	15.66	14.43	7.825	0
1007	20.88	14.43	7.825	0
1008	26.1	14.43	7.825	0
1009	5.22	19.27	7.825	0
1010	10.44	19.27	7.825	0
1011	15.66	19.27	7.825	0
1012	20.88	19.27	7.825	0
1013	26.1	19.27	7.825	0
1065	0	-1.9	0.6	0
1066	5.22	-1.9	0.6	0
1067	10.44	-1.9	0.6	0
1068	31.32	-1.9	0.6	0
1069	15.66	-1.9	0.6	0
1070	20.88	-1.9	0.6	0
1071	26.1	-1.9	0.6	0
1072	0	4.84	7.825	0
1073	5.22	4.84	7.825	0
1074	10.44	4.84	7.825	0
1075	15.66	4.84	7.825	0
1076	20.88	4.84	7.825	0
1077	26.1	4.84	7.825	0
1081	2.61	-1.9	2.525	0
1082	7.83	-1.9	2.525	0
1083	13.05	-1.9	2.525	0
1084	18.27	-1.9	2.525	0
1085	23.49	-1.9	2.525	0
1086	28.71	-1.9	2.525	0
1087	2.61	0	2.525	0
1088	7.83	0	2.525	0
1089	13.05	0	2.525	0
1090	18.27	0	2.525	0
1091	23.49	0	2.525	0
1092	28.71	0	2.525	0
1296	5.22	24.11	7.725	0
1297	10.44	24.11	7.725	0
1298	15.66	24.11	7.725	0
1299	20.88	24.11	7.725	0
1300	26.1	24.11	7.725	0
1563	31.32	24.11	6.025	0
1564	0	-2.15	2.525	0
1566	31.32	-2.15	2.525	0
1568	5.22	-2.15	2.525	0
1571	10.44	-2.15	2.525	0
1574	15.66	-2.15	2.525	0
1577	20.88	-2.15	2.525	0
1580	26.1	-2.15	2.525	0
1590	0	-2.15	0.6	0
1591	5.22	-2.15	0.6	0
1592	10.44	-2.15	0.6	0
1593	31.32	-2.15	0.6	0
1594	15.66	-2.15	0.6	0
1595	20.88	-2.15	0.6	0

1596	26.1	-2.15	0.6	0
1604	32.72	19.27	0.6	0
1606	32.72	19.27	4.245	0
1607	34.12	21.72	0.6	0
1608	34.12	21.72	4.245	0
1609	34.97	19.27	0.6	0
1610	34.97	19.27	4.245	0
1611	36.92	19.27	0.6	0
1612	36.92	19.27	4.245	0
1613	36.92	19.87	0.6	0
1614	36.92	19.87	4.245	0
1617	36.92	16.32	0.6	0
1618	36.92	16.32	4.245	0
1619	36.92	9.27	0.6	0
1620	36.92	9.27	4.245	0
1621	36.92	4.37	0.6	0
1622	36.92	4.37	4.245	0
1623	37.42	3.87	0.6	0
1624	37.42	3.87	4.245	0
1626	37.72	-1.65	0.6	0
1627	37.72	-1.65	4.245	0
1628	33.82	-1.9	0.6	0
1629	33.82	-1.9	4.245	0
1633	33.82	-1.9	2.525	0
1635	33.82	5.551e-017	4.245	0
1636	36.92	3.87	4.245	0
1637	36.92	24.11	4.245	0
1638	34.12	19.27	4.245	0
1640	34.12	24.11	4.245	0
1862	0	4.84	1.6	0
1863	0	9.68	1.6	0
1864	0	14.43	1.6	0
1865	0	19.27	1.6	0
1866	32.42	-1.9	2.525	0
1867	32.42	-1.9	0.6	0
1869	32.42	-1.9	4.245	0
1870	37.42	3.87	2.525	0
1871	37.72	-1.65	2.525	0
1872	36.92	16.32	2.525	0
1873	36.92	9.27	2.525	0
1876	36.92	12.8	2.525	0
1879	36.92	12.8	0.6	0
1880	0	-2.15	6.025	0
1881	31.32	-2.15	6.025	0
1882	5.22	-2.15	6.025	0
1883	10.44	-2.15	6.025	0
1884	15.66	-2.15	6.025	0
1885	20.88	-2.15	6.025	0
1886	26.1	-2.15	6.025	0
1887	0	-2.15	7.825	0
1888	31.32	-2.15	7.825	0
1889	5.22	-2.15	7.825	0
1890	10.44	-2.15	7.825	0

1891	15.66	-2.15	7.825	0
1892	20.88	-2.15	7.825	0
1893	26.1	-2.15	7.825	0
1894	32.72	19.27	2.525	0
1896	34.97	19.27	2.525	0
1897	36.92	19.27	2.525	0
1898	36.92	19.87	2.525	0
1904	31.32	4.84	1.6	0
1905	31.32	9.68	1.6	0
1906	31.32	14.43	1.6	0
1907	31.32	19.27	1.6	0
1908	36.92	24.11	0.6	0
1910	36.92	24.11	4.245	0
1916	31.32	0	5.025	0
1925	37.72	1.35	0.6	0
1926	37.72	1.35	2.525	0
1927	37.72	1.35	4.245	0
1928	33.82	1.11e-016	0.6	0
1929	0	4.84	5.525	0
1930	0	9.68	5.525	0
1931	0	14.43	5.525	0
1932	0	19.27	5.525	0
1933	31.32	4.84	5.525	0
1934	31.32	9.68	5.525	0
1935	31.32	14.43	5.525	0
1936	31.32	19.27	5.525	0
1944	5.22	0	3.525	0
1945	10.44	0	3.525	0
1946	15.66	0	3.525	0
1947	20.88	0	3.525	0
1948	26.1	0	3.525	0
1977	5.22	-2.15	7.45	0
1978	10.44	-2.15	7.45	0
1979	15.66	-2.15	7.45	0
1980	20.88	-2.15	7.45	0
1981	26.1	-2.15	7.45	0
1982	31.32	-2.15	7.725	0
1983	0	-2.15	7.725	0
1988	37.02	12.8	2.525	0
1989	37.02	12.8	0.6	0
1990	0	24.11	1.6	0
1991	31.32	24.11	1.6	0
1992	0	0	3.525	0
1993	0	4.84	1	0
1994	0	9.68	1	0
1995	0	14.43	1	0
1996	0	19.27	1	0
1997	0	24.11	1	0
1998	0	0	1	0
1999	0	0	5.625	0
2000	0	24.11	5.625	0
2001	5.22	24.11	1	0
2002	10.44	24.11	1	0

2003	15.66	24.11	1	0
2004	20.88	24.11	1	0
2005	26.1	24.11	1	0
2006	31.32	24.11	1	0
2007	5.22	24.11	5.625	0
2008	10.44	24.11	5.625	0
2009	15.66	24.11	5.625	0
2010	20.88	24.11	5.625	0
2011	26.1	24.11	5.625	0
2012	31.32	24.11	5.625	0
2013	31.32	19.27	1	0
2014	31.32	14.43	1	0
2015	31.32	9.68	1	0
2016	31.32	4.84	1	0
2017	31.32	0	1	0
2018	31.32	0	5.625	0
2019	0	-1.9	2.775	0
2020	5.22	-1.9	2.775	0
2021	10.44	-1.9	2.775	0
2022	15.66	-1.9	2.775	0
2023	20.88	-1.9	2.775	0
2024	26.1	-1.9	2.775	0
2025	31.32	-1.9	2.775	0
2026	0	-1.9	5.775	0
2027	5.22	-1.9	5.775	0
2028	10.44	-1.9	5.775	0
2029	15.66	-1.9	5.775	0
2030	20.88	-1.9	5.775	0
2031	26.1	-1.9	5.775	0
2032	31.32	-1.9	5.775	0

*** SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

**** SUPPORT / SPECIFIED DISPLACEMENT**

	NODE	SUPPORT	SPECIFIED DISPLACEMENT				
		DDDDRRR	Dx	Dy	Dz	Rx	Ry
Rz							
	221	111111	0.0000	0.0000	0.0000	0.0000	0.0000

0.0000	251	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	252	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	253	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	254	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	255	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	256	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	257	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	258	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	259	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	260	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	261	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	262	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	263	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	264	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	265	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	266	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	364	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	365	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	366	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	367	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	368	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1065	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1066	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1067	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1068	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1069	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1070	111111	0.0000	0.0000	0.0000	0.0000	0.0000

0.0000							
	1071	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1590	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1591	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1592	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1593	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1594	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1595	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1596	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1604	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1607	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1609	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1611	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1613	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1617	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1619	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1621	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1623	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1626	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1628	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1867	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1879	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1908	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1925	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1928	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							
	1989	111111	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000							

*** FLOOR DIAPHRAGM / RIGID LINK DATA

MASTER	DDRRR	NODES OF SAME DISPLACEMENT

3F Floor Diaphragm	270 282to285 296 1606to1614by2 1618to1624by2 1627	
1629	1635to1638 1640 1869 1910 1927	

*** SECTION PROPERTY DATA

NO	NAME	SHAPE	H	B	tw	tf1	r1

1	P 70x30	SB	0.3	0.7	0	0	0
2	P 30x30	SB	0.3	0.3	0	0	0
3	P 80x30	SB	0.3	0.8	0	0	0
4	P 40x60	SB	0.6	0.4	0	0	0
5	P 40x30	SB	0.3	0.4	0	0	0
6	P 20x20	SB	0.2	0.2	0	0	0
7	T 52x25 s~	SB	0.25	0.52	0	0	0
8	T 52x25 i~	SB	0.25	0.52	0	0	0
9	T 80x25	SB	0.25	0.8	0	0	0
10	T 30x52	SB	0.52	0.3	0	0	0
11	T 40X52	T	0.52	1.2	0.4	0.27	0
12	Rinf trav~	EBC	0.252	0.52	-	-	-
			0.256	0.526	0.003	0.001	0
13	Trave c.a~	H	1.2	0.3	0.11	0.3	0
14	HEA180	H	0.171	0.18	0.006	0.0095	0.015
15	Cordolo 3~	SB	0.24	0.3	0	0	0
16	Puntoni	SB	0.6	0.3	0	0	0
17	Puntoni t~	SB	0.48	0.3	0	0	0
18	Fittizio	SB	0.1	0.1	0	0	0
19	T 30X40	SB	0.4	0.3	0	0	0
20	T 30x52 l~	SB	0.52	0.3	0	0	0
21	T 73x25	SB	0.25	0.73	0	0	0
23	T 30x52 a~	T	0.52	1.2	0.3	0.27	0
24	M 30x250	SB	0.3	2.5	0	0	0
25	M 30x120	SB	1.2	0.3	0	0	0
26	Connessio~	L	0.055	0.055	0.005	0.005	0

27	Controven~	SR	0.018	0	0	0	0
28	M 30x500	SB	5	0.3	0	0	0
29	T 150x18	SB	0.18	1.5	0	0	0
30	Rinf trav~	EBC	0.399	0.3	-	-	-
			0.405	0.31	0.005	0.001	0
31	HEA100	H	0.096	0.1	0.005	0.008	0.012
32	M 30x80	SB	0.8	0.3	0	0	0
33	T soletta	SB	0.27	1.2	0	0	0
34	M 30x100	SB	1	0.3	0	0	0
35	CHS-CF 10~	P	0.102	0.0036	0	0	0
36	Controven~	SR	0.02	0	0	0	0
37	M 30x170	SB	1.7	0.3	0	0	0
38	M 30x240	SB	2.4	0.3	0	0	0
39	M 30x110	SB	0.5	0.3	0	0	0
40	M 30x260	SB	2.6	0.3	0	0	0
41	Trave L	SB	1.74	0.15	0	0	0
42	Rinf pil ~	EBC	0.3	0.3	-	-	-
			0.31	0.31	0.005	0.005	0
43	M 30x180	SB	1.8	0.3	0	0	0
46	Rinf pil ~	EBC	0.3	0.8	-	-	-
			0.31	0.81	0.005	0.005	0
47	Rinf pil ~	EBC	0.6	0.4	-	-	-
			0.61	0.41	0.005	0.005	0
48	Piastra	SB	0.05	0.02	0	0	0
49	Rinf pil ~	EBC	0.3	0.7	-	-	-
			0.31	0.71	0.005	0.005	0

NO	NAME	STIFFNESS SCALE FACTOR							Boundary Group
		A	Asy	Asz	Ix	Iy	Iz	W	

1	P 70x30								
2	P 30x30								
3	P 80x30								
4	P 40x60								
5	P 40x30								
6	P 20x20								
7	T 52x25 s~								
8	T 52x25 i~								
9	T 80x25								
10	T 30x52								
11	T 40X52								
12	Rinf trav~								
13	Trave c.a~								
14	HEA180								
15	Cordolo 3~								
16	Puntoni	0.00	1.00	1.00	1.00	1.00	1.00	1.00	Fase1
17	Puntoni t~	0.00	1.00	1.00	1.00	1.00	1.00	1.00	Fase1
18	Fittizio								
19	T 30X40								

20	T 30x52 l~								
21	T 73x25								
23	T 30x52 a~								
24	M 30x250								
25	M 30x120								
26	Connessione~								
27	Controven~	0.00	1.00	1.00	1.00	1.00	1.00	1.00	Fase1
28	M 30x500								
29	T 150x18								
30	Rinf trav~								
31	HEA100								
32	M 30x80								
33	T soletta								
34	M 30x100								
35	CHS-CF 10~								
36	Controven~	0.00	1.00	1.00	1.00	1.00	1.00	1.00	Fase1
37	M 30x170								
38	M 30x240								
39	M 30x110								
40	M 30x260								
41	Trave L								
42	Rinf pil ~								
43	M 30x180								
46	Rinf pil ~								
47	Rinf pil ~								
48	Piastra								
49	Rinf pil ~								

NO		NAME	AREA	MOMENT OF INERTIA		
SHAPE	FACTOR			[SRC:EQIV.]		
				Ix	Iy	Iz
k-Y	k-Z					

	1	P 70x30	0.21	0.004604	0.001575	0.008575
0.8333	0.8333					
	2	P 30x30	0.09	0.001139	0.000675	0.000675
0.8333	0.8333					
	3	P 80x30	0.24	0.005502	0.0018	0.0128
0.8333	0.8333					
	4	P 40x60	0.24	0.007512	0.0072	0.0032
0.8333	0.8333					
	5	P 40x30	0.12	0.001944	0.0009	0.0016
0.8333	0.8333					
	6	P 20x20	0.04	0.000225	0.0001333	0.0001333
0.8333	0.8333					
	7	T 52x25 s~	0.13	0.001892	0.0006771	0.002929
0.8333	0.8333					
	8	T 52x25 i~	0.13	0.001892	0.0006771	0.002929

0.8333	0.8333				
	9 T 80x25	0.2	0.003347	0.001042	0.01067
0.8333	0.8333				
	10 T 30x52	0.156	0.002995	0.003515	0.00117
0.8333	0.8333				
	11 T 40x52	0.424	0.01259	0.007655	0.04021
0.6368	0.4906				
	12 Rinf trav~	0.02411	0.0004085	0.0001455	0.0006136
0.8546	0.8311				
	13 Trave c.a~	0.246	0.002548	0.03978	0.001417
0.6098	0.5366				
	14 HEA180	0.00453	1.145e-007	2.51e-005	9.25e-006
0.6291	0.2265				
	15 Cordolo 3~	0.072	0.0007095	0.0003456	0.00054
0.8333	0.8333				
	16 Puntoni	1.8e-005	0.003708	0.0054	0.00135
8333	8333				
	17 Puntoni t~	1.44e-005	0.002641	0.002765	0.00108
8333	8333				
	18 Fittizio	0.01	1.406e-005	8.333e-006	8.333e-006
0.8333	0.8333				
	19 T 30x40	0.12	0.001944	0.0016	0.0009
0.8333	0.8333				
	20 T 30x52 l~	0.156	0.002995	0.003515	0.00117
0.8333	0.8333				
	21 T 73x25	0.1825	0.002983	0.0009505	0.008105
0.8333	0.8333				
	23 T 30x52 a~	0.399	0.01027	0.006476	0.03944
0.6767	0.391				
	24 M 30x250	0.75	0.0208	0.005625	0.3906
0.8333	0.8333				
	25 M 30x120	0.36	0.0091	0.0432	0.0027
0.8333	0.8333				
	26 Connessio~	0.000532	4.375e-009	1.47e-007	1.47e-007
0.4308	0.4308				
	27 Controven~	2.545e-008	1.031e-008	5.153e-009	5.153e-009
9000	9000				
	28 M 30x500	1.5	0.0433	3.125	0.01125
0.8333	0.8333				
	29 T 150x18	0.27	0.002696	0.000729	0.05062
0.8333	0.8333				
	30 Rinf trav~	0.02427	0.0004367	0.0003621	0.0002458
0.7618	0.852				
	31 HEA100	0.00212	3.78e-008	3.49e-006	1.34e-006
0.6289	0.2264				
	32 M 30x80	0.24	0.005502	0.0128	0.0018
0.8333	0.8333				
	33 T soletta	0.324	0.006757	0.001968	0.03888
0.8333	0.8333				
	34 M 30x100	0.3	0.0073	0.025	0.00225
0.8333	0.8333				
	35 CHS-CF 10~	0.001108	2.665e-006	1.332e-006	1.332e-006
0.5002	0.5002				

9000	36	Controven~ 9000	3.142e-008	1.571e-008	7.854e-009	7.854e-009
0.8333	37	M 30x170 0.8333	0.51	0.0136	0.1228	0.003825
0.8333	38	M 30x240 0.8333	0.72	0.0199	0.3456	0.0054
0.8333	39	M 30x110 0.8333	0.15	0.002817	0.003125	0.001125
0.8333	40	M 30x260 0.8333	0.78	0.0217	0.4394	0.00585
0.8333	41	Trave L 0.8333	0.261	0.001851	0.06585	0.0004894
0.7799	42	Rinf pil ~ 0.7799	0.01959	0.0003268	0.0001958	0.0001958
0.8333	43	M 30x180 0.8333	0.54	0.0145	0.1458	0.00405
0.862	46	Rinf pil ~ 0.7557	0.04707	0.001436	0.0004807	0.002847
0.7939	47	Rinf pil ~ 0.8373	0.04607	0.001814	0.001634	0.0007831
0.8333	48	Piastra 0.8333	0.001	9.981e-008	2.083e-007	3.333e-008
0.8542	49	Rinf pil ~ 0.758	0.04158	0.001205	0.0004237	0.001956

NO	NAME	SECTION MODULUS Sy		SECTION MODULUS Sz	
		I or CONC.	J or STEEL	I or CONC.	J or STEEL

1	P 70x30	0.0105	0.0105	0.0245	0.0245
2	P 30x30	0.0045	0.0045	0.0045	0.0045
3	P 80x30	0.012	0.012	0.032	0.032
4	P 40x60	0.024	0.024	0.016	0.016
5	P 40x30	0.006	0.006	0.008	0.008
6	P 20x20	0.001333	0.001333	0.001333	0.001333
7	T 52x25 s~	0.005417	0.005417	0.01127	0.01127
8	T 52x25 i~	0.005417	0.005417	0.01127	0.01127
9	T 80x25	0.008333	0.008333	0.02667	0.02667
10	T 30x52	0.01352	0.01352	0.0078	0.0078
11	T 40X52	0.02365	0.02365	0.06702	0.06702
12	Rinf trav~	0.0002256	0.0002256	0.0005776	0.0005776
13	Trave c.a~	0.0663	0.0663	0.009444	0.009444
14	HEA180	0.000294	0.000294	0.000103	0.000103
15	Cordolo 3~	0.00288	0.00288	0.0036	0.0036
16	Puntoni	0.018	0.018	0.009	0.009
17	Puntoni t~	0.01152	0.01152	0.0072	0.0072
18	Fittizio	0.0001667	0.0001667	0.0001667	0.0001667
19	T 30X40	0.008	0.008	0.006	0.006
20	T 30x52 l~	0.01352	0.01352	0.0078	0.0078
21	T 73x25	0.007604	0.007604	0.0222	0.0222

23	T 30x52 a~	0.01927	0.01927	0.06574	0.06574
24	M 30x250	0.0375	0.0375	0.3125	0.3125
25	M 30x120	0.072	0.072	0.018	0.018
26	Connessio~	3.7e-006	3.7e-006	3.7e-006	3.7e-006
27	Controven~	5.726e-007	5.726e-007	5.726e-007	5.726e-007
28	M 30x500	1.25	1.25	0.075	0.075
29	T 150x18	0.0081	0.0081	0.0675	0.0675
30	Rinf trav~	0.000484	0.000484	0.0006948	0.0006948
31	HEA100	7.28e-005	7.28e-005	2.68e-005	2.68e-005
32	M 30x80	0.032	0.032	0.012	0.012
33	T soletta	0.01458	0.01458	0.0648	0.0648
34	M 30x100	0.05	0.05	0.015	0.015
35	CHS-CF 10~	2.623e-005	2.623e-005	2.623e-005	2.623e-005
36	Controven~	7.854e-007	7.854e-007	7.854e-007	7.854e-007
37	M 30x170	0.1445	0.1445	0.0255	0.0255
38	M 30x240	0.288	0.288	0.036	0.036
39	M 30x110	0.0125	0.0125	0.0075	0.0075
40	M 30x260	0.338	0.338	0.039	0.039
41	Trave L	0.07569	0.07569	0.006525	0.006525
42	Rinf pil ~	0.0006103	0.0006103	0.0006103	0.0006103
43	M 30x180	0.162	0.162	0.027	0.027
46	Rinf pil ~	0.001361	0.001361	0.002294	0.002294
47	Rinf pil ~	0.00182	0.00182	0.00148	0.00148
48	Piastra	8.333e-006	8.333e-006	3.333e-006	3.333e-006
49	Rinf pil ~	0.001211	0.001211	0.00189	0.00189

*** BEAM MEMBER DATA

NO	NODAL	CONNECTIVITY	BEAM	END	RELEASE	MATERIAL	SECTION
LENGTH							
	I	J	I	J			

80	81	1992	-	-	Cls+Acc rinfor~	Rinf pil 30x70	
1							
81	93	374	-	-	C25/30	P 70x30	
1.7							
84	82	1916	-	-	C25/30	P 70x30	
2.5							
85	104	380	-	-	C25/30	P 70x30	
1.7							
88	92	373	-	-	C25/30	P 30x30	
1.7							
90	91	372	-	-	C25/30	P 30x30	
1.7							

92	90	371	-	-	C25/30	P 30x30
1.7						
94	89	370	-	-	C25/30	P 30x30
1.7						
96	103	379	-	-	C25/30	P 30x30
1.7						
98	102	378	-	-	C25/30	P 30x30
1.7						
100	101	377	-	-	C25/30	P 30x30
1.7						
102	100	376	-	-	C25/30	P 30x30
1.7						
104	88	369	-	-	C25/30	P 80x30
1.7						
106	94	1296	-	-	C25/30	P 80x30
1.7						
108	95	1297	-	-	C25/30	P 80x30
1.7						
110	96	1298	-	-	C25/30	P 80x30
1.7						
112	97	1299	-	-	C25/30	P 80x30
1.7						
114	98	1300	-	-	C25/30	P 80x30
1.7						
120	131	180	000000	000011	Rigido	P 40x60
0.375						
124	130	179	000000	000011	Rigido	P 40x60
0.375						
128	129	178	000000	000011	Rigido	P 40x60
0.375						
132	128	177	000000	000011	Rigido	P 40x60
0.375						
136	127	176	000000	000011	Rigido	P 40x60
0.375						
138	133	2019	-	-	C25/30	P 40x30
0.25						
139	134	910	-	-	C25/30	P 40x30
1.7						
142	140	2020	-	-	C25/30	P 40x30
0.25						
143	141	142	-	-	C25/30	P 40x30
1.425						
144	142	183	-	-	Rigido	P 40x30
0.375						
146	144	2021	-	-	C25/30	P 40x30
0.25						
147	145	146	-	-	C25/30	P 40x30
1.425						
148	146	184	-	-	Rigido	P 40x30
0.375						
150	148	2022	-	-	C25/30	P 40x30
0.25						
151	149	150	-	-	C25/30	P 40x30

1.425							
152	150	185	-	-	Rigido	P 40x30	
0.375							
154	152	2023	-	-	C25/30	P 40x30	
0.25							
155	153	154	-	-	C25/30	P 40x30	
1.425							
156	154	186	-	-	Rigido	P 40x30	
0.375							
158	156	2024	-	-	C25/30	P 40x30	
0.25							
159	157	158	-	-	C25/30	P 40x30	
1.425							
160	158	187	-	-	Rigido	P 40x30	
0.375							
162	136	2025	-	-	C25/30	P 40x30	
0.25							
163	137	911	-	-	C25/30	P 40x30	
1.7							
165	181	183	-	-	C25/30	T 52x25 sup	
5.22							
166	183	184	-	-	C25/30	T 52x25 sup	
5.22							
167	184	185	-	-	C25/30	T 52x25 sup	
5.22							
168	185	186	-	-	C25/30	T 52x25 sup	
5.22							
169	186	187	-	-	C25/30	T 52x25 sup	
5.22							
170	187	182	-	-	C25/30	T 52x25 sup	
5.22							
183	134	141	-	-	C25/30	T 52x25 inf	
5.22							
184	141	145	-	-	C25/30	T 52x25 inf	
5.22							
185	145	149	-	-	C25/30	T 52x25 inf	
5.22							
186	149	153	-	-	C25/30	T 52x25 inf	
5.22							
187	153	157	-	-	C25/30	T 52x25 inf	
5.22							
188	157	137	-	-	C25/30	T 52x25 inf	
5.22							
189	137	104	-	-	C25/30	T 52x25 inf	
1.9							
190	104	103	-	-	C25/30	T 52x25 inf	
4.84							
191	103	102	-	-	C25/30	T 52x25 inf	
4.84							
192	102	101	-	-	C25/30	T 52x25 inf	
4.75							
193	101	100	-	-	C25/30	T 52x25 inf	
4.84							

195	134	93	-	-	C25/30	T 52x25 inf
1.9						
196	93	92	-	-	C25/30	T 52x25 inf
4.84						
197	92	91	-	-	C25/30	T 52x25 inf
4.84						
198	91	90	-	-	C25/30	T 52x25 inf
4.75						
199	90	89	-	-	C25/30	T 52x25 inf
4.84						
200	89	88	-	-	C25/30	T 52x25 inf
4.84						
201	88	94	-	-	C25/30	T 52x25 inf
5.22						
202	94	95	-	-	C25/30	T 52x25 inf
5.22						
203	95	96	-	-	C25/30	T 52x25 inf
5.22						
204	96	97	-	-	C25/30	T 52x25 inf
5.22						
205	97	98	-	-	C25/30	T 52x25 inf
5.22						
214	136	82	-	-	C25/30	T 30x52 angolo
1.9						
215	140	87	-	-	C25/30	T 40X52
1.9						
216	144	86	-	-	C25/30	T 40X52
1.9						
217	148	85	-	-	C25/30	T 40X52
1.9						
218	152	84	-	-	C25/30	T 40X52
1.9						
219	156	83	-	-	C25/30	T 40X52
1.9						
221	142	131	-	-	Cls+Acc rinfor~	Rinf travi 30x~
1.9						
222	146	130	-	-	Cls+Acc rinfor~	Rinf travi 30x~
1.9						
223	150	129	-	-	Cls+Acc rinfor~	Rinf travi 30x~
1.9						
224	154	128	-	-	Cls+Acc rinfor~	Rinf travi 30x~
1.9						
225	158	127	-	-	Cls+Acc rinfor~	Rinf travi 30x~
1.9						
227	133	1081	-	-	C25/30	T 30x52 long
2.61						
228	140	1082	-	-	C25/30	T 30x52 long
2.61						
229	144	1083	-	-	C25/30	T 30x52 long
2.61						
230	148	1084	-	-	C25/30	T 30x52 long
2.61						
231	152	1085	-	-	C25/30	T 30x52 long

2.61						
232	156	1086	-	-	C25/30	T 30x52 long
2.61						
234	164	1072	-	-	C45/55	Trave c.a.p.
4.84						
235	1072	162	-	-	C45/55	Trave c.a.p.
4.84						
236	162	161	-	-	C45/55	Trave c.a.p.
4.75						
237	161	160	-	-	C45/55	Trave c.a.p.
4.84						
238	160	159	000000	000011	C45/55	Trave c.a.p.
4.84						
250	175	174	-	-	C45/55	Trave c.a.p.
4.84						
251	174	173	-	-	C45/55	Trave c.a.p.
4.84						
252	173	172	-	-	C45/55	Trave c.a.p.
4.75						
253	172	171	-	-	C45/55	Trave c.a.p.
4.84						
254	171	170	000000	000011	C45/55	Trave c.a.p.
4.84						
315	285	284	-	-	C25/30	Cordolo 30x24
4.84						
316	284	283	-	-	C25/30	Cordolo 30x24
4.75						
317	283	282	-	-	C25/30	Cordolo 30x24
4.84						
318	282	270	-	-	C25/30	Cordolo 30x24
4.84						
319	285	1933	-	-	C25/30	P 30x30
1.28						
320	284	1934	-	-	C25/30	P 30x30
1.28						
321	283	1935	-	-	C25/30	P 30x30
1.28						
322	282	1936	-	-	C25/30	P 30x30
1.28						
328	296	285	-	-	C25/30	Cordolo 30x24
0.97						
530	374	373	-	-	C25/30	T 52x25 sup
4.84						
531	373	372	-	-	C25/30	T 52x25 sup
4.84						
532	372	371	-	-	C25/30	T 52x25 sup
4.75						
533	371	370	-	-	C25/30	T 52x25 sup
4.84						
534	370	369	-	-	C25/30	T 52x25 sup
4.84						
535	380	379	-	-	C25/30	T 52x25 sup
4.84						

536	379	378	-	-	C25/30	T 52x25 sup
4.84						
537	378	377	-	-	C25/30	T 52x25 sup
4.75						
538	377	376	-	-	C25/30	T 52x25 sup
4.84						
539	376	375	-	-	C25/30	T 52x25 sup
4.84						
632	369	159	-	-	C25/30	P 80x30
0.1						
633	375	170	-	-	C25/30	P 80x30
0.1						
635	260	1993	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
636	259	1994	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
637	258	1995	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
638	257	1996	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
639	256	1997	-	-	Cls+Acc rinfor~	Rinf pil 30x80
0.4						
640	262	2001	-	-	C25/30	P 80x30
0.4						
641	263	2002	-	-	C25/30	P 80x30
0.4						
642	264	2003	-	-	C25/30	P 80x30
0.4						
643	265	2004	-	-	C25/30	P 80x30
0.4						
644	266	2005	-	-	C25/30	P 80x30
0.4						
988	221	2006	-	-	Cls+Acc rinfor~	Rinf pil 30x80
0.4						
1029	910	181	-	-	C25/30	P 40x30
0.1						
1030	910	374	-	-	C25/30	T 73x25
1.9						
1031	911	182	-	-	C25/30	P 40x30
0.1						
1032	911	380	-	-	C25/30	T 73x25
1.9						
1084	261	1998	-	-	C25/30	P 70x30
0.4						
1102	255	2017	-	-	C25/30	P 70x30
0.4						
1103	364	87	-	-	C25/30	P 40x60
1.925						
1104	365	86	-	-	C25/30	P 40x60
1.925						
1105	366	85	-	-	C25/30	P 40x60
1.925						
1106	367	84	-	-	C25/30	P 40x60

1.925							
1107	368	83	-	-	C25/30	P 40x60	
1.925							
1159	87	1944	-	-	Cls+Acc rinfor~	Rinf pil 40x60	
1							
1160	86	1945	-	-	Cls+Acc rinfor~	Rinf pil 40x60	
1							
1161	85	1946	-	-	Cls+Acc rinfor~	Rinf pil 40x60	
1							
1162	84	1947	-	-	Cls+Acc rinfor~	Rinf pil 40x60	
1							
1163	83	1948	-	-	Cls+Acc rinfor~	Rinf pil 40x60	
1							
1164	180	1073	-	-	C45/55	Trave c.a.p.	
4.84							
1165	179	1074	-	-	C45/55	Trave c.a.p.	
4.84							
1166	178	1075	-	-	C45/55	Trave c.a.p.	
4.84							
1167	177	1076	-	-	C45/55	Trave c.a.p.	
4.84							
1168	176	1077	-	-	C45/55	Trave c.a.p.	
4.84							
1219	987	164	-	-	C45/55	Trave c.a.p.	
1.8							
1220	988	175	-	-	C45/55	Trave c.a.p.	
1.8							
1221	989	180	-	-	C45/55	Trave c.a.p.	
1.8							
1222	990	179	-	-	C45/55	Trave c.a.p.	
1.8							
1223	991	178	-	-	C45/55	Trave c.a.p.	
1.8							
1224	992	177	-	-	C45/55	Trave c.a.p.	
1.8							
1225	993	176	-	-	C45/55	Trave c.a.p.	
1.8							
1232	1073	999	-	-	C45/55	Trave c.a.p.	
4.84							
1233	1074	1000	-	-	C45/55	Trave c.a.p.	
4.84							
1234	1075	1001	-	-	C45/55	Trave c.a.p.	
4.84							
1235	1076	1002	-	-	C45/55	Trave c.a.p.	
4.84							
1236	1077	1003	-	-	C45/55	Trave c.a.p.	
4.84							
1237	999	1004	-	-	C45/55	Trave c.a.p.	
4.75							
1238	1000	1005	-	-	C45/55	Trave c.a.p.	
4.75							
1239	1001	1006	-	-	C45/55	Trave c.a.p.	
4.75							

1240	1002	1007	-	-	C45/55	Trave c.a.p.
4.75						
1241	1003	1008	-	-	C45/55	Trave c.a.p.
4.75						
1242	1004	1009	-	-	C45/55	Trave c.a.p.
4.84						
1243	1005	1010	-	-	C45/55	Trave c.a.p.
4.84						
1244	1006	1011	-	-	C45/55	Trave c.a.p.
4.84						
1245	1007	1012	-	-	C45/55	Trave c.a.p.
4.84						
1246	1008	1013	-	-	C45/55	Trave c.a.p.
4.84						
1247	1009	165	000000	000011	C45/55	Trave c.a.p.
4.84						
1248	1010	166	000000	000011	C45/55	Trave c.a.p.
4.84						
1249	1011	167	000000	000011	C45/55	Trave c.a.p.
4.84						
1250	1012	168	000000	000011	C45/55	Trave c.a.p.
4.84						
1251	1013	169	000000	000011	C45/55	Trave c.a.p.
4.84						
1252	81	1087	-	-	Fittizio	Fittizio
2.61						
1258	87	1088	-	-	Fittizio	Fittizio
2.61						
1264	86	1089	-	-	Fittizio	Fittizio
2.61						
1270	85	1090	-	-	Fittizio	Fittizio
2.61						
1276	84	1091	-	-	Fittizio	Fittizio
2.61						
1282	83	1092	-	-	Fittizio	Fittizio
2.61						
1288	82	319	-	-	Fittizio	Fittizio
2.5						
1332	1009	1010	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1333	1010	1011	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1334	1011	1012	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1335	1012	1013	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1338	1004	1005	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1339	1005	1006	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1340	1006	1007	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1341	1007	1008	000111	000111	S355 CHS-CF	101.6X3~

5.22						
1344	999	1000	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1345	1000	1001	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1346	1001	1002	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1347	1002	1003	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1417	180	179	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1418	179	178	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1419	178	177	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1420	177	176	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1425	1073	1074	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1427	1074	1075	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1429	1075	1076	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1431	1076	1077	000111	000111	S355 CHS-CF	101.6X3~
5.22						
1455	81	133	-	-	C25/30	T 30x52
1.9						
1551	1081	140	-	-	C25/30	T 30x52 long
2.61						
1552	1082	144	-	-	C25/30	T 30x52 long
2.61						
1553	1083	148	-	-	C25/30	T 30x52 long
2.61						
1554	1084	152	-	-	C25/30	T 30x52 long
2.61						
1555	1085	156	-	-	C25/30	T 30x52 long
2.61						
1556	1086	136	-	-	C25/30	T 30x52 long
2.61						
1557	1087	87	-	-	Fittizio	Fittizio
2.61						
1558	1088	86	-	-	Fittizio	Fittizio
2.61						
1559	1089	85	-	-	Fittizio	Fittizio
2.61						
1560	1090	84	-	-	Fittizio	Fittizio
2.61						
1561	1091	83	-	-	Fittizio	Fittizio
2.61						
1562	1092	82	-	-	Fittizio	Fittizio
2.61						
1563	1081	1087	-	-	C25/30	T soletta
1.9						

1564 1.9	1082	1088	-	-	C25/30	T soletta
1565 1.9	1083	1089	-	-	C25/30	T soletta
1566 1.9	1084	1090	-	-	C25/30	T soletta
1567 1.9	1085	1091	-	-	C25/30	T soletta
1568 1.9	1086	1092	-	-	C25/30	T soletta
1792 0.1	1296	165	-	-	C25/30	P 80x30
1793 0.1	1297	166	-	-	C25/30	P 80x30
1794 0.1	1298	167	-	-	C25/30	P 80x30
1795 0.1	1299	168	-	-	C25/30	P 80x30
1796 0.1	1300	169	-	-	C25/30	P 80x30
1840 5.22	369	1296	-	-	C25/30	T 80x25
1841 5.22	1296	1297	-	-	C25/30	T 80x25
1842 5.22	1297	1298	-	-	C25/30	T 150x18
1843 5.22	1298	1299	-	-	C25/30	T 80x25
1844 5.22	1299	1300	-	-	C25/30	T 80x25
1845 5.22	1300	375	-	-	C25/30	T 80x25
1848 5.22	987	989	-	-	Fittizio	Fittizio
1849 5.22	989	990	-	-	Fittizio	Fittizio
1850 5.22	990	991	-	-	Fittizio	Fittizio
1851 5.22	991	992	-	-	Fittizio	Fittizio
1852 5.22	992	993	-	-	Fittizio	Fittizio
1853 5.22	993	988	-	-	Fittizio	Fittizio
2082 1.38	270	2012	-	-	C25/30	P 80x30
2083 1.7	1563	375	-	-	C25/30	P 80x30
2084 5.22	98	1563	-	-	C25/30	T 52x25 inf
2085 4.84	100	1563	-	-	C25/30	T 52x25 inf
2150	1604	1894	000001	000000	Muratura	M 30x250

1.925						
2152	1607	1608	000001	000001	Muratura	M 30x500
3.645						
2153	1609	1896	000001	000000	Muratura	M 30x120
1.925						
2154	1611	1897	000001	000000	Muratura	M 30x80
1.925						
2155	1613	1898	000001	000000	Muratura	M 30x100
1.925						
2157	1617	1872	000001	000000	Muratura	M 30x170
1.925						
2158	1619	1873	000001	000000	Muratura	M 30x240
1.925						
2159	1621	1622	000001	000001	Muratura	M 30x100
3.645						
2160	1623	1870	000001	000000	Muratura	M 30x100
1.925						
2161	1626	1871	-	-	C25/30	P 20x20
1.925						
2162	1628	1633	000001	000000	Muratura	M 30x110
1.925						
2168	1633	1629	000000	000001	Muratura	M 30x110
1.72						
2169	136	1866	-	-	C25/30	T 30x52 long
1.1						
2174	1629	1627	-	-	C25/30	Trave L
3.908						
2176	1624	1636	-	-	C25/30	Trave L
0.5						
2178	1636	1622	-	-	C25/30	Trave L
0.5						
2179	1622	1620	-	-	C25/30	Trave L
4.9						
2180	1620	1618	-	-	C25/30	Trave L
7.05						
2181	1618	1612	-	-	C25/30	Trave L
2.95						
2182	1612	1614	-	-	C25/30	Trave L
0.6						
2184	1614	1637	-	-	C25/30	Trave L
4.24						
2188	282	1606	-	-	C25/30	Cordolo 30x24
1.4						
2189	1606	1638	-	-	C25/30	Cordolo 30x24
1.4						
2190	1610	1612	-	-	C25/30	Cordolo 30x24
1.95						
2191	1638	1610	-	-	C25/30	Cordolo 30x24
0.85						
2192	1638	1608	-	-	C25/30	Cordolo 30x24
2.45						
2193	1608	1640	-	-	C25/30	Cordolo 30x24
2.388						

2196	1629	1635	-	-	C25/30	Cordolo 30x24
1.9						
2426	1862	1929	-	-	C25/30	P 30x30
3.925						
2427	1863	1930	-	-	C25/30	P 30x30
3.925						
2428	1864	1931	-	-	C25/30	P 30x30
3.925						
2429	1865	1932	-	-	C25/30	P 30x30
3.925						
2430	1866	1633	-	-	C25/30	T 30x52 long
1.4						
2433	1869	1629	-	-	C25/30	Trave L
1.4						
2435	1866	1869	000001	000001	Muratura	M 30x180
1.72						
2436	1870	1624	000000	000001	Muratura	M 30x100
1.72						
2437	1871	1627	-	-	C25/30	P 20x20
1.72						
2438	1872	1618	000000	000001	Muratura	M 30x170
1.72						
2439	1873	1620	000000	000001	Muratura	M 30x240
1.72						
2440	1633	1871	-	-	S355	HEA100
3.908						
2442	1873	1876	-	-	S355	HEA100
3.525						
2445	1876	1872	-	-	S355	HEA100
3.525						
2448	1879	1876	000001	000000	Muratura	M 30x500
1.925						
2449	1564	1880	-	-	S355	HEA180
3.5						
2450	1880	1983	-	-	S355	HEA180
1.7						
2451	1568	1882	-	-	S355	HEA180
3.5						
2452	1882	1977	-	-	S355	HEA180
1.425						
2453	1571	1883	-	-	S355	HEA180
3.5						
2454	1883	1978	-	-	S355	HEA180
1.425						
2455	1574	1884	-	-	S355	HEA180
3.5						
2456	1884	1979	-	-	S355	HEA180
1.425						
2457	1577	1885	-	-	S355	HEA180
3.5						
2458	1885	1980	-	-	S355	HEA180
1.425						
2459	1580	1886	-	-	S355	HEA180

3.5						
2460	1886	1981	-	-	S355	HEA180
1.425						
2461	1566	1881	-	-	S355	HEA180
3.5						
2462	1881	1982	-	-	S355	HEA180
1.7						
2477	1894	1606	000000	000001	Muratura	M 30x250
1.72						
2479	1896	1610	000000	000001	Muratura	M 30x120
1.72						
2480	1897	1612	000000	000001	Muratura	M 30x80
1.72						
2481	1898	1614	000000	000001	Muratura	M 30x100
1.72						
2483	1897	1898	-	-	S355	HEA100
0.6						
2486	1894	1896	-	-	S355	HEA100
2.25						
2487	1896	1897	-	-	S355	HEA100
1.95						
2492	1904	285	-	-	C25/30	P 30x30
2.645						
2493	1905	284	-	-	C25/30	P 30x30
2.645						
2494	1906	283	-	-	C25/30	P 30x30
2.645						
2495	1907	282	-	-	C25/30	P 30x30
2.645						
2496	251	2013	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
2497	252	2014	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
2498	253	2015	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
2499	254	2016	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.4						
2502	1908	1910	-	-	C25/30	P 20x20
3.645						
2511	370	1009	-	-	S355 CHS-CF	101.6X3~
5.221						
2512	371	1004	-	-	S355 CHS-CF	101.6X3~
5.221						
2513	372	999	-	-	S355 CHS-CF	101.6X3~
5.221						
2514	373	1073	-	-	S355 CHS-CF	101.6X3~
5.221						
2515	374	180	-	-	S355 CHS-CF	101.6X3~
5.221						
2518	176	380	000111	000111	S355 CHS-CF	101.6X3~
5.221						
2519	1077	379	000111	000111	S355 CHS-CF	101.6X3~
5.221						

2520	1003	378	000111	000111	S355 CHS-CF	101.6X3~
5.221						
2521	1008	377	000111	000111	S355 CHS-CF	101.6X3~
5.221						
2522	1013	376	000111	000111	S355 CHS-CF	101.6X3~
5.221						
2523	160	1009	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2524	161	1004	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2525	162	999	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2526	1072	1073	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2527	164	180	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2528	1013	171	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2529	1008	172	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2530	1003	173	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2531	1077	174	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2532	176	175	000111	000111	S355 CHS-CF	101.6X3~
5.22						
2542	374	164	-	-	S355 fittizio	Connessioni
0.1						
2543	380	175	-	-	S355 fittizio	Connessioni
0.1						
2564	1916	2018	-	-	C25/30	P 70x30
0.6						
2571	1633	319	-	-	C25/30	T 30x52
1.9						
2576	1925	1926	-	-	C25/30	P 20x20
1.925						
2577	1926	1927	-	-	C25/30	P 20x20
1.72						
2578	1928	319	000001	000000	Muratura	M 30x260
1.925						
2579	319	1635	000000	000001	Muratura	M 30x260
1.72						
2582	1627	1927	-	-	C25/30	Trave L
3						
2583	1927	1624	-	-	C25/30	Trave L
2.538						
2585	1929	92	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2586	1930	91	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2587	1931	90	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2588	1932	89	-	-	Cls+Acc rinfor~	Rinf pil 30x30

0.5						
2589	1933	103	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2590	1934	102	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2591	1935	101	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2592	1936	100	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.5						
2593	1871	1926	-	-	S355	HEA100
3						
2594	1926	1870	-	-	S355	HEA100
2.538						
2605	1889	183	-	-	S355	Piastra
0.25						
2606	1882	141	-	-	S355	Piastra
0.25						
2607	1887	181	-	-	S355	Piastra
0.25						
2608	1880	134	-	-	S355	Piastra
0.25						
2609	1890	184	-	-	S355	Piastra
0.25						
2610	1883	145	-	-	S355	Piastra
0.25						
2611	1891	185	-	-	S355	Piastra
0.25						
2612	1884	149	-	-	S355	Piastra
0.25						
2613	1892	186	-	-	S355	Piastra
0.25						
2614	1885	153	-	-	S355	Piastra
0.25						
2615	1893	187	-	-	S355	Piastra
0.25						
2616	1886	157	-	-	S355	Piastra
0.25						
2622	1888	182	-	-	S355	Piastra
0.25						
2623	1881	137	-	-	S355	Piastra
0.25						
2626	1944	131	-	-	C25/30	P 40x60
3.925						
2627	1945	130	-	-	C25/30	P 40x60
3.925						
2628	1946	129	-	-	C25/30	P 40x60
3.925						
2629	1947	128	-	-	C25/30	P 40x60
3.925						
2630	1948	127	-	-	C25/30	P 40x60
3.925						
2643	1916	296	-	-	C25/30	Cordolo 30x24
3.948						

2644	1640	1637	-	-	C25/30	Trave L
2.8						
2672	1977	1889	-	-	S355	HEA180
0.375						
2673	1978	1890	-	-	S355	HEA180
0.375						
2674	1979	1891	-	-	S355	HEA180
0.375						
2675	1980	1892	-	-	S355	HEA180
0.375						
2676	1981	1893	-	-	S355	HEA180
0.375						
2677	1977	142	-	-	S355	Piastra
0.25						
2678	1978	146	-	-	S355	Piastra
0.25						
2679	1979	150	-	-	S355	Piastra
0.25						
2680	1980	154	-	-	S355	Piastra
0.25						
2681	1981	158	-	-	S355	Piastra
0.25						
2682	1982	1888	-	-	S355	HEA180
0.1						
2683	1982	911	-	-	S355	Piastra
0.25						
2684	1983	1887	-	-	S355	HEA180
0.1						
2685	1983	910	-	-	S355	Piastra
0.25						
2718	1989	1988	-	-	S355	HEA100
1.925						
2719	1876	1988	-	-	S355	HEA100
0.1						
2744	1990	2000	-	-	C25/30	P 80x30
4.025						
2745	1991	270	-	-	C25/30	P 80x30
2.645						
2746	1992	1999	-	-	C25/30	P 70x30
2.1						
2748	1993	1862	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.6						
2749	1994	1863	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.6						
2750	1995	1864	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.6						
2751	1996	1865	-	-	Cls+Acc rinfor~	Rinf pil 30x30
0.6						
2752	1997	1990	-	-	Cls+Acc rinfor~	Rinf pil 30x80
0.6						
2753	1998	81	-	-	C25/30	P 70x30
1.525						
2755	1999	93	-	-	C25/30	P 70x30

0.4							
2756	2000	88	-	-	C25/30	P 80x30	
0.4							
2764	2001	2007	-	-	C25/30	P 80x30	
4.625							
2765	2002	2008	-	-	C25/30	P 80x30	
4.625							
2766	2003	2009	-	-	C25/30	P 80x30	
4.625							
2767	2004	2010	-	-	C25/30	P 80x30	
4.625							
2768	2005	2011	-	-	C25/30	P 80x30	
4.625							
2769	2006	1991	-	-	Cls+Acc rinfor~	Rinf pil 30x80	
0.6							
2770	2007	94	-	-	C25/30	P 80x30	
0.4							
2771	2008	95	-	-	C25/30	P 80x30	
0.4							
2772	2009	96	-	-	C25/30	P 80x30	
0.4							
2773	2010	97	-	-	C25/30	P 80x30	
0.4							
2774	2011	98	-	-	C25/30	P 80x30	
0.4							
2775	2012	1563	-	-	C25/30	P 80x30	
0.4							
2786	2013	1907	-	-	Cls+Acc rinfor~	Rinf pil 30x30	
0.6							
2787	2014	1906	-	-	Cls+Acc rinfor~	Rinf pil 30x30	
0.6							
2788	2015	1905	-	-	Cls+Acc rinfor~	Rinf pil 30x30	
0.6							
2789	2016	1904	-	-	Cls+Acc rinfor~	Rinf pil 30x30	
0.6							
2790	2017	82	-	-	C25/30	P 70x30	
1.525							
2791	2018	104	-	-	C25/30	P 70x30	
0.4							
2800	2019	2026	-	-	C25/30	P 40x30	
3							
2801	2020	2027	-	-	C25/30	P 40x30	
3							
2802	2021	2028	-	-	C25/30	P 40x30	
3							
2803	2022	2029	-	-	C25/30	P 40x30	
3							
2804	2023	2030	-	-	C25/30	P 40x30	
3							
2805	2024	2031	-	-	C25/30	P 40x30	
3							
2806	2025	2032	-	-	C25/30	P 40x30	
3							

2807 0.25	2026	134	-	-	C25/30	P 40x30
2808 0.25	2027	141	-	-	C25/30	P 40x30
2809 0.25	2028	145	-	-	C25/30	P 40x30
2810 0.25	2029	149	-	-	C25/30	P 40x30
2811 0.25	2030	153	-	-	C25/30	P 40x30
2812 0.25	2031	157	-	-	C25/30	P 40x30
2813 0.25	2032	137	-	-	C25/30	P 40x30

*** TRUSS MEMBER DATA

AREA	NO	NODAL	CONNECTIVITY	MATERIAL	SECTION	TENSION /	SECTION
		LENGTH					
		I	J			COMPRESSION	I
	1438	180	1074	S355	Controven~	N	0.0002545
-	7.119						
	1439	1073	179	S355	Controven~	N	0.0002545
-	7.119						
	1440	179	1075	S355	Controven~	N	0.0002545
-	7.119						
	1441	1074	178	S355	Controven~	N	0.0002545
-	7.119						
	1442	178	1076	S355	Controven~	N	0.0002545
-	7.119						
	1443	1075	177	S355	Controven~	N	0.0002545
-	7.119						
	1444	177	1077	S355	Controven~	N	0.0002545
-	7.119						
	1445	1076	176	S355	Controven~	N	0.0002545
-	7.119						
	1466	88	262	S355	Controven~	N	0.0003142
-	7.529						
	1467	256	94	S355	Controven~	N	0.0003142
-	7.529						
	1474	93	260	S355	Controven~	N	0.0003142
-	7.27						
	1475	261	92	S355	Controven~	N	0.0003142

-	7.27					
	1478	89	256	S355 Controven~	N	0.0003142
-	7.27					
	1479	257	88	S355 Controven~	N	0.0003142
-	7.27					
	1482	255	103	S355 Controven~	N	0.0003142
-	7.27					
	1483	104	254	S355 Controven~	N	0.0003142
-	7.27					
	1488	81	180	S355 Controven~	N	0.0003142
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	1491	176	82	S355 Controven~	N	0.0003142
-	7.439					
	1492	1073	1000	S355 Controven~	N	0.0002545
-	7.119					
	1493	999	1074	S355 Controven~	N	0.0002545
-	7.119					
	1494	1074	1001	S355 Controven~	N	0.0002545
-	7.119					
	1495	1000	1075	S355 Controven~	N	0.0002545
-	7.119					
	1496	1075	1002	S355 Controven~	N	0.0002545
-	7.119					
	1497	1001	1076	S355 Controven~	N	0.0002545
-	7.119					
	1498	1076	1003	S355 Controven~	N	0.0002545
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	1499	1002	1077	S355 Controven~	N	0.0002545
-	7.119					
	1500	999	1005	S355 Controven~	N	0.0002545
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	1501	1004	1000	S355 Controven~	N	0.0002545
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	1502	1000	1006	S355 Controven~	N	0.0002545
-	7.058					
	1503	1005	1001	S355 Controven~	N	0.0002545
-	7.058					
	1504	1001	1007	S355 Controven~	N	0.0002545
-	7.058					
	1505	1006	1002	S355 Controven~	N	0.0002545
-	7.058					
	1506	1002	1008	S355 Controven~	N	0.0002545
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	1507	1007	1003	S355 Controven~	N	0.0002545
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	1508	1004	1010	S355 Controven~	N	0.0002545
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	1509	1009	1005	S355 Controven~	N	0.0002545
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	1510	1005	1011	S355 Controven~	N	0.0002545
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	1511	1010	1006	S355 Controven~	N	0.0002545
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	1512	1006	1012	S355 Controven~	N	0.0002545
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	1513	1011	1007	S355 Controven~	N	0.0002545
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	1514	1007	1013	S355 Controven~	N	0.0002545
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	1515	1012	1008	S355 Controven~	N	0.0002545
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	1765	262	95	S355 Controven~	N	0.0003142
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	1766	263	94	S355 Controven~	N	0.0003142
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	1769	265	98	S355 Controven~	N	0.0003142
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	1770	266	97	S355 Controven~	N	0.0003142
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	1775	104	379	S355 Controven~	N	0.0003142
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	1776	103	380	S355 Controven~	N	0.0003142
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	1777	102	377	S355 Controven~	N	0.0003142
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	1778	101	378	S355 Controven~	N	0.0003142
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	1779	100	375	S355 Controven~	N	0.0003142
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	1790	375	1013	S355 Controven~	N	0.0002545
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	1791	98	375	S355 Controven~	N	0.0003142
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	1797	1300	1012	S355 Controven~	N	0.0002545
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	1798	1299	1013	S355 Controven~	N	0.0002545
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	1799	1299	1011	S355 Controven~	N	0.0002545
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	1800	1298	1012	S355 Controven~	N	0.0002545
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	1801	1298	1010	S355 Controven~	N	0.0002545
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	1802	1297	1011	S355 Controven~	N	0.0002545
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	1803	1297	1009	S355 Controven~	N	0.0002545
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	1804	1296	1010	S355 Controven~	N	0.0002545
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	1808	98	1299	S355 Controven~	N	0.0003142
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	1809	97	1300	S355 Controven~	N	0.0003142
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	1810	95	1296	S355 Controven~	N	0.0003142
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	1811	94	1297	S355 Controven~	N	0.0003142

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	1812	94	369	S355 Controven~	N	0.0003142
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	1813	88	1296	S355 Controven~	N	0.0003142
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	1814	369	1009	S355 Controven~	N	0.0002545
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	1824	88	370	S355 Controven~	N	0.0003142
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	1825	89	369	S355 Controven~	N	0.0003142
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	1826	92	374	S355 Controven~	N	0.0003142
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	1827	93	373	S355 Controven~	N	0.0003142
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	1828	910	180	S355 Controven~	N	0.0002545
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	1829	183	374	S355 Controven~	N	0.0002545
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	1830	183	179	S355 Controven~	N	0.0002545
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	1831	184	180	S355 Controven~	N	0.0002545
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	1832	184	178	S355 Controven~	N	0.0002545
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	1833	185	179	S355 Controven~	N	0.0002545
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	1834	185	177	S355 Controven~	N	0.0002545
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	1835	186	178	S355 Controven~	N	0.0002545
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	1836	186	176	S355 Controven~	N	0.0002545
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	1837	187	177	S355 Controven~	N	0.0002545
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	1838	187	380	S355 Controven~	N	0.0002545
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	1839	182	176	S355 Controven~	N	0.0002545
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	1877	93	910	S355 Controven~	N	0.0003142
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	1878	134	374	S355 Controven~	N	0.0003142
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	2072	104	911	S355 Controven~	N	0.0003142
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	2087	1563	1300	S355 Controven~	N	0.0003142
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	2088	1563	376	S355 Controven~	N	0.0003142
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	2146	87	179	S355 Controven~	N	0.0003142
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	2147	86	180	S355 Controven~	N	0.0003142
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	2148	84	176	S355 Controven~	N	0.0003142
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	2149	83	177	S355 Controven~	N	0.0003142
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	2504	258	89	S355 Controven~	N	0.0003142
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	2505	89	371	S355 Controven~	N	0.0003142
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	2506	90	370	S355 Controven~	N	0.0003142
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	2507	259	92	S355 Controven~	N	0.0003142
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	2508	260	91	S355 Controven~	N	0.0003142
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	2509	91	373	S355 Controven~	N	0.0003142
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	2510	92	372	S355 Controven~	N	0.0003142
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	2533	160	1296	S355 Controven~	N	0.0002545
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	2534	161	1009	S355 Controven~	N	0.0002545
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	2535	160	1004	S355 Controven~	N	0.0002545
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	2536	162	1004	S355 Controven~	N	0.0002545
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	2537	161	999	S355 Controven~	N	0.0002545
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	2539	162	1073	S355 Controven~	N	0.0002545
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	2540	1072	180	S355 Controven~	N	0.0002545
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	2541	164	1073	S355 Controven~	N	0.0002545
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	2544	176	174	S355 Controven~	N	0.0002545
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	2546	1077	173	S355 Controven~	N	0.0002545
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	2547	174	1003	S355 Controven~	N	0.0002545
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	2548	1003	172	S355 Controven~	N	0.0002545

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	2549	173	1008	S355 Controven~	N	0.0002545
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	2550	1008	171	S355 Controven~	N	0.0002545
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	2551	172	1013	S355 Controven~	N	0.0002545
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	2647	264	95	S355 Controven~	N	0.0003142
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	2648	95	1298	S355 Controven~	N	0.0003142
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	2649	96	1297	S355 Controven~	N	0.0003142
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	2711	252	284	S355 Controven~	N	0.0003142
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	2712	284	101	S355 Controven~	N	0.0003142
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	2713	283	102	S355 Controven~	N	0.0003142
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	2714	251	270	S355 Controven~	N	0.0003142
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	2715	221	282	S355 Controven~	N	0.0003142
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	2716	282	1563	S355 Controven~	N	0.0003142
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	2717	270	100	S355 Controven~	N	0.0003142
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	2720	1590	1882	S355 Controven~	N	0.0003142
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	2721	1591	1880	S355 Controven~	N	0.0003142
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	2723	1882	1887	S355 Controven~	N	0.0003142
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	2724	1591	1883	S355 Controven~	N	0.0003142
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	2727	1883	1889	S355 Controven~	N	0.0003142
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	2728	1592	1884	S355 Controven~	N	0.0003142
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	2729	1594	1883	S355 Controven~	N	0.0003142
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	2730	1883	1891	S355 Controven~	N	0.0003142
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	2731	1884	1890	S355 Controven~	N	0.0003142
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	2732	1594	1885	S355 Controven~	N	0.0003142
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	2733	1595	1884	S355 Controven~	N	0.0003142
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	2734	1884	1892	S355 Controven~	N	0.0003142
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	2735	1885	1891	S355 Controven~	N	0.0003142
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	2739	1886	1892	S355 Controven~	N	0.0003142
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	2740	1596	1881	S355 Controven~	N	0.0003142
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	2743	1881	1893	S355 Controven~	N	0.0003142
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	2754	1998	1929 Tamponame~	Puntoni	N	0.18
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	2757	1993	1999 Tamponame~	Puntoni	N	0.18
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	2758	1994	1929 Tamponame~	Puntoni	N	0.18
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	2759	1993	1930 Tamponame~	Puntoni	N	0.18
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	2760	1996	1931 Tamponame~	Puntoni	N	0.18
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	2761	1995	1932 Tamponame~	Puntoni	N	0.18
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	2762	1997	1932 Tamponame~	Puntoni	N	0.18

-	6.626					
	2763	1996	2000	Tamponame~	Puntoni	N 0.18
-	6.694					
	2776	1997	2007	Tamponame~	Puntoni	N 0.18
-	6.974					
	2777	2001	2000	Tamponame~	Puntoni	N 0.18
-	6.974					
	2778	2001	2008	Tamponame~	Puntoni	N 0.18
-	6.974					
	2779	2002	2007	Tamponame~	Puntoni	N 0.18
-	6.974					
	2780	2004	2009	Tamponame~	Puntoni	N 0.18
-	6.974					
	2781	2003	2010	Tamponame~	Puntoni	N 0.18
-	6.974					
	2782	2005	2010	Tamponame~	Puntoni	N 0.18
-	6.974					
	2783	2004	2011	Tamponame~	Puntoni	N 0.18
-	6.974					
	2784	2006	2011	Tamponame~	Puntoni	N 0.18
-	6.974					
	2785	2005	2012	Tamponame~	Puntoni	N 0.18
-	6.974					
	2792	2017	1933	Tamponame~	Puntoni	N 0.18
-	6.626					
	2793	2016	2018	Tamponame~	Puntoni	N 0.18
-	6.694					
	2794	2015	1935	Tamponame~	Puntoni	N 0.18
-	6.56					
	2795	2014	1934	Tamponame~	Puntoni	N 0.18
-	6.56					
	2796	2013	2012	Tamponame~	Puntoni	N 0.18
-	6.694					
	2797	2006	1936	Tamponame~	Puntoni	N 0.18
-	6.626					
	2798	2014	1936	Tamponame~	Puntoni	N 0.18
-	6.626					
	2799	2013	1935	Tamponame~	Puntoni	N 0.18
-	6.626					
	2814	2019	2027	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2815	2020	2026	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2816	2020	2028	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2817	2021	2027	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2818	2021	2029	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2819	2022	2028	Tamponame~	Puntoni t~	N 0.144
-	6.021					
	2820	2022	2030	Tamponame~	Puntoni t~	N 0.144
-	6.021					

-	2821	2023	2029 Tamponame~ Puntoni t~	N	0.144
-	6.021				
-	2822	2023	2031 Tamponame~ Puntoni t~	N	0.144
-	6.021				
-	2823	2024	2030 Tamponame~ Puntoni t~	N	0.144
-	6.021				
-	2824	2024	2032 Tamponame~ Puntoni t~	N	0.144
-	6.021				
-	2825	2025	2031 Tamponame~ Puntoni t~	N	0.144
-	6.021				

*** WALL MEMBER DATA

AREA	NO	NODAL CONNECTIVITY				MATERIAL	THICKNESS
		1	2	3	4		

10.05	503	261	364	87	81	C25/30	0.3
	504	364	365	86	87	C25/30	0.3
10.05	505	365	366	85	86	C25/30	0.3
10.05		506	366	367	84	85	C25/30
10.05	507	367	368	83	84	C25/30	0.3
10.05	508	368	255	82	83	C25/30	0.3
3.657	1570	1065	261	81	133	C28/35	0.4
	1571	1066	364	87	140	C28/35	0.4
3.657	1572	1067	365	86	144	C28/35	0.4
3.657	1573	1069	366	85	148	C28/35	0.4
3.657	1574	1070	367	84	152	C28/35	0.4
3.657	1575	1071	368	83	156	C28/35	0.4
3.657	1576	1068	255	82	136	C28/35	0.4
	2116	1590	1065	133	1564	C28/35	0.4

0.4813	2117	1591	1066	140	1568	C28/35	0.4
0.4813	2118	1592	1067	144	1571	C28/35	0.4
0.4813	2119	1594	1069	148	1574	C28/35	0.4
0.4813	2121	1596	1071	156	1580	C28/35	0.4
0.4813	2122	1593	1068	136	1566	C28/35	0.4
0.4813	2501	1595	1070	152	1577	C28/35	0.4
0.4813	2624	1068	1867	1866	136	C28/35	0.3
2.117	2625	1867	1628	1633	1866	C28/35	0.3
2.695	2747	255	1928	319	82	C25/30	0.3
4.812							

*** TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

SECTION FRAME	SECTION TRUSS	SECTION NAME	SURFACE AREA	VOLUME	WEIGHT
NUMBER	NO NUMBER				

	1	P 70x30	26.5	2.783	69.56
11	0				
	2	P 30x30	54	4.05	101.3
20	0				
	3	P 80x30	106.9	11.66	291.4
34	0				
	4	P 40x60	62.25	7.47	175.5
15	0				
	5	P 40x30	51.94	4.452	105.7
35	0				
	6	P 20x20	8.748	0.4374	10.94
5	0				
	7	T 52x25 sup	122.5	10.34	258.5
16	0				
	8	T 52x25 inf	176.6	14.91	372.6
24	0				
	9	T 80x25	54.81	5.22	130.5
5	0				

	10	T 30x52	6.232	0.5928	14.82
2	0				
	11	T 40X52	32.68	4.028	100.7
5	0				
	12	Rinf trave 52x~	0	0	0
0	0				
	13	Trave c.a.p.	613	44.62	1115
42	0				
	14	HEA180	38.96	0.1681	12.94
21	0				
	15	Cordolo 30x24	39.45	2.63	65.75
13	0				
	16	Puntoni	316.6	31.66	0
0	26				
	17	Puntoni tribuna	112.7	10.4	0
0	12				
	18	Fittizio	26.06	0.6514	0
19	0				
	19	T 30X40	0	0	0
0	0				
	20	T 30x52 long	55.46	5.276	131.9
14	0				
	21	T 73x25	7.448	0.6935	17.34
2	0				
	23	T 30x52 angolo	6.536	0.7581	18.95
1	0				
	24	M 30x250	20.41	2.734	41.01
2	0				
	25	M 30x120	10.93	1.312	19.68
2	0				
	26	Conessioni	0.044	0.0001064	0
2	0				
	27	Controventi fa~	27.88	0.1255	9.658
0	72				
	28	M 30x500	59.04	8.355	125.3
2	0				
	29	T 150x18	17.54	1.409	35.24
1	0				
	30	Rinf travi 30x~	13.59	0.4249	32.71
5	0				
	31	HEA100	13.57	0.04944	3.806
10	0				
	32	M 30x80	8.019	0.8748	13.12
2	0				
	33	T soletta	33.52	3.694	92.34
6	0				
	34	M 30x100	28.43	3.28	49.21
5	0				
	35	CHS-CF 101.6X3~	128.6	0.2314	17.81
40	0				
	36	Controventi pa~	35.9	0.1795	13.82
0	92				
	37	M 30x170	14.58	1.859	27.88

2	0				
	38	M 30x240	19.68	2.624	39.37
2	0				
	39	M 30x110	5.832	0.5468	8.201
2	0				
	40	M 30x260	21.14	2.843	42.65
2	0				
	41	Trave L	130	8.975	224.4
12	0				
	42	Rinf pil 30x30	14.88	0.4239	32.63
24	0				
	43	M 30x180	7.224	0.9288	13.93
1	0				
	46	Rinf pil 30x80	4.48	0.1781	13.71
4	0				
	47	Rinf pil 40x60	10.2	0.4402	33.89
5	0				
	48	Piastra	0.735	0.00525	0.4041
21	0				
	49	Rinf pil 30x70	2.04	0.0783	6.027
1	0				

*** LOAD DATA

; Self Weight, Nodal Load, Specified Displacement, Beam Load, Floor Load,
Finishing Material Load,

System Temperature, Nodal Temperature, Element Temperature, Beam Section
Temperature,

Wind Load, Static Seismic Load, Time History Analysis Data

** FLOOR LOAD TYPE DATA

NAME	LOADCASE	LOAD	SUB-BEAM
	NAME		WEIGHT

Solaio sbalzo	Gk1	-6.75	Do not consider
	Qk2	-5	Do not consider

[LOAD CASE : Gk1]

** SELF WEIGHT DATA

; X=0, Y=0, Z=-1

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ

270	0	0	-15.3	0	0	0
282	0	0	-35.63	0	0	0
283	0	0	-40.3	0	0	0
284	0	0	-40.3	0	0	0
285	0	0	-41.1	0	0	0
1608	0	0	-20.4	0	0	0
1612	0	0	-15.3	0	0	0
1614	0	0	-15.3	0	0	0
1618	0	0	-40	0	0	0
1620	0	0	-50	0	0	0
1627	0	0	-14	0	0	0
1629	0	0	-14	0	0	0
1635	0	0	-27.3	0	0	0
1636	0	0	-14	0	0	0
1637	0	0	-15.3	0	0	0
1910	0	0	-15.3	0	0	0

** BEAM LOAD DATA

D3	MEMBER P3	D4	P4	TYPE	DIR.	PROJ.	D1	P1	D2	P2

0	234	0	0	Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0	0						
0	235	0	0	Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0	0						
0	236	0	0	Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0	0						

	237		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	238		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	250		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	251		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	252		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	253		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	254		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	1164		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1165		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1166		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1167		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1168		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1219		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	1220		Uniform Load	GZ	NO	0	-3.86	1	-3.86
0	0	0	0						
	1221		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1222		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1223		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1224		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1225		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1232		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1233		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1234		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1235		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1236		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1237		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1238		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1239		Uniform Load	GZ	NO	0	-7.73	1	-7.73

0	0	0	0						
	1240		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1241		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1242		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1243		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1244		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1245		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1246		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1247		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1248		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1249		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1250		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						
	1251		Uniform Load	GZ	NO	0	-7.73	1	-7.73
0	0	0	0						

[LOAD CASE : Gk2]

** BEAM LOAD DATA

	MEMBER		TYPE	DIR.	PROJ.	D1	P1	D2	P2
D3	P3	D4	P4						

	80		Uniform Load	GY	NO	0	4.3	1	4.3
0	0	0	0						
	80		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	84		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	138		Uniform Load	GY	NO	0	-4.3	1	-4.3
0	0	0	0						
	138		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	142		Uniform Load	GX	NO	0	-12	1	-12

0	0	0	0						
	142		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	146		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	146		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	150		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	150		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	154		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	154		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	158		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	158		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	162		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	234		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	235		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	236		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	237		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	238		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	250		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	251		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	252		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	253		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	254		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	319		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	319		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	320		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	320		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	321		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	321		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						

	322		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	322		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	635		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	635		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	636		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	636		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	637		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	637		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	638		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	638		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	639		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	639		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	640		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	640		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	641		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	641		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	642		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	642		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	643		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	643		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	644		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	644		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	988		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	988		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	988		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	1084		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	1102		Uniform Load	GY	NO	0	-11	1	-11

0	0	0	0						
	1164		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1165		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1166		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1167		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1168		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1219		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	1220		Uniform Load	GZ	NO	0	-1.31	1	-1.31
0	0	0	0						
	1221		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1222		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1223		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1224		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1225		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1232		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1233		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1234		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1235		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1236		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1237		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1238		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1239		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1240		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1241		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1242		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1243		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1244		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1245		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						

	1246		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1247		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1248		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1249		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1250		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	1251		Uniform Load	GZ	NO	0	-2.61	1	-2.61
0	0	0	0						
	2426		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2426		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2427		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2427		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2428		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2428		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2429		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2429		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2492		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2492		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2493		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2493		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2494		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2494		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2495		Uniform Load	GY	NO	0	11	0.25	11
0	0	0	0						
	2495		Uniform Load	GY	NO	0.25	-11	0.62	-11
0	0	0	0						
	2495		Uniform Load	GY	NO	0.62	-11	1	-11
0	0	0	0						
	2495		Uniform Load	GY	NO	0.62	11	1	11
0	0	0	0						
	2495		Uniform Load	GY	NO	0	-11	0.25	-11
0	0	0	0						
	2495		Uniform Load	GY	NO	0.25	11	0.62	11
0	0	0	0						
	2564		Uniform Load	GY	NO	0	-11	1	-11

0	0	0	0						
	2585		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2585		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2586		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2586		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2587		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2587		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2588		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2588		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2589		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2589		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2590		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2590		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2591		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2591		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2592		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2592		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2744		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2744		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2745		Uniform Load	GY	NO	0.58	-11	1	-11
0	0	0	0						
	2745		Uniform Load	GY	NO	0	-11	0.16	-11
0	0	0	0						
	2745		Uniform Load	GY	NO	0.16	11	0.58	11
0	0	0	0						
	2745		Uniform Load	GY	NO	0.58	11	1	11
0	0	0	0						
	2745		Uniform Load	GX	NO	0.16	12	0.58	12
0	0	0	0						
	2745		Uniform Load	GY	NO	0	11	0.16	11
0	0	0	0						
	2745		Uniform Load	GX	NO	0	12	0.16	12
0	0	0	0						
	2745		Uniform Load	GX	NO	0.58	12	1	12
0	0	0	0						

	2745		Uniform Load	GY	NO	0.16	-11	0.58	-11
0	0	0	0						
	2746		Uniform Load	GY	NO	0.71	4.3	1	4.3
0	0	0	0						
	2746		Uniform Load	GY	NO	0.71	-11	1	-11
0	0	0	0						
	2746		Uniform Load	GY	NO	0	-11	0.71	-11
0	0	0	0						
	2746		Uniform Load	GY	NO	0	4.3	0.71	4.3
0	0	0	0						
	2748		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2748		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2749		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2749		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2750		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2750		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2751		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2751		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2752		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2752		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2753		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2755		Uniform Load	GY	NO	0.44	4.3	1	4.3
0	0	0	0						
	2755		Uniform Load	GY	NO	0	4.3	0.44	4.3
0	0	0	0						
	2755		Uniform Load	GY	NO	0.44	-11	1	-11
0	0	0	0						
	2755		Uniform Load	GY	NO	0	-11	0.44	-11
0	0	0	0						
	2756		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2756		Uniform Load	GY	NO	0	11	1	11
0	0	0	0						
	2764		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2764		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2765		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2765		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2766		Uniform Load	GX	NO	0	12	1	12

0	0	0	0						
	2766		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2767		Uniform Load	GX	NO	0.13	12	1	12
0	0	0	0						
	2767		Uniform Load	GX	NO	0.13	-12	1	-12
0	0	0	0						
	2767		Uniform Load	GX	NO	0	12	0.13	12
0	0	0	0						
	2767		Uniform Load	GX	NO	0	-12	0.13	-12
0	0	0	0						
	2768		Uniform Load	GX	NO	0.7	-12	1	-12
0	0	0	0						
	2768		Uniform Load	GX	NO	0	12	0.13	12
0	0	0	0						
	2768		Uniform Load	GX	NO	0.7	12	1	12
0	0	0	0						
	2768		Uniform Load	GX	NO	0.13	-12	0.7	-12
0	0	0	0						
	2768		Uniform Load	GX	NO	0	-12	0.13	-12
0	0	0	0						
	2768		Uniform Load	GX	NO	0.13	12	0.7	12
0	0	0	0						
	2769		Uniform Load	GY	NO	0.44	11	1	11
0	0	0	0						
	2769		Uniform Load	GX	NO	0.36	12	0.44	12
0	0	0	0						
	2769		Uniform Load	GY	NO	0.36	-11	0.44	-11
0	0	0	0						
	2769		Uniform Load	GX	NO	0	12	0.36	12
0	0	0	0						
	2769		Uniform Load	GY	NO	0	-11	0.36	-11
0	0	0	0						
	2769		Uniform Load	GY	NO	0	11	0.36	11
0	0	0	0						
	2769		Uniform Load	GX	NO	0.44	12	1	12
0	0	0	0						
	2769		Uniform Load	GY	NO	0.44	-11	1	-11
0	0	0	0						
	2769		Uniform Load	GY	NO	0.36	11	0.44	11
0	0	0	0						
	2770		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2770		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2771		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2771		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2772		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2772		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						

	2773		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2773		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2774		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2774		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2790		Uniform Load	GY	NO	0	-11	1	-11
0	0	0	0						
	2791		Uniform Load	GY	NO	0	-11	0.56	-11
0	0	0	0						
	2791		Uniform Load	GY	NO	0.56	-11	1	-11
0	0	0	0						
	2800		Uniform Load	GY	NO	0.75	-4.3	1	-4.3
0	0	0	0						
	2800		Uniform Load	GX	NO	0.75	-12	1	-12
0	0	0	0						
	2800		Uniform Load	GY	NO	0	-4.3	0.75	-4.3
0	0	0	0						
	2800		Uniform Load	GX	NO	0	-12	0.75	-12
0	0	0	0						
	2801		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2801		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2802		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2802		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2803		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2803		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2804		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2804		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2805		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2805		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2806		Uniform Load	GX	NO	0.75	12	0.87	12
0	0	0	0						
	2806		Uniform Load	GX	NO	0	12	0.49	12
0	0	0	0						
	2806		Uniform Load	GX	NO	0.87	12	1	12
0	0	0	0						
	2806		Uniform Load	GX	NO	0.49	12	0.75	12
0	0	0	0						
	2807		Uniform Load	GX	NO	0	-12	0.1	-12
0	0	0	0						
	2807		Uniform Load	GX	NO	0.1	-12	1	-12

0	0	0	0						
	2807		Uniform Load	GY	NO	0	-4.3	0.1	-4.3
0	0	0	0						
	2807		Uniform Load	GY	NO	0.1	-4.3	1	-4.3
0	0	0	0						
	2808		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2808		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2809		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2809		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2810		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2810		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2811		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2811		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2812		Uniform Load	GX	NO	0	-12	1	-12
0	0	0	0						
	2812		Uniform Load	GX	NO	0	12	1	12
0	0	0	0						
	2813		Uniform Load	GX	NO	0	12	0.3	12
0	0	0	0						
	2813		Uniform Load	GX	NO	0.3	12	1	12
0	0	0	0						

[LOAD CASE : Qk1]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ

270	0	0	-4.1	0	0	0
282	0	0	-9.5	0	0	0
283	0	0	-10.75	0	0	0
284	0	0	-10.75	0	0	0
285	0	0	-10.9	0	0	0
1608	0	0	-5.44	0	0	0
1612	0	0	-4.1	0	0	0
1614	0	0	-4.1	0	0	0
1618	0	0	-12	0	0	0
1620	0	0	-13.4	0	0	0

1627	0	0	-4	0	0	0
1629	0	0	-4	0	0	0
1635	0	0	-7.4	0	0	0
1636	0	0	-4	0	0	0
1637	0	0	-4.1	0	0	0
1910	0	0	-4.1	0	0	0

** BEAM LOAD DATA

D3	MEMBER P3	D4	P4	TYPE	DIR.	PROJ.	D1	P1	D2	P2
	234		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	235		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	236		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	237		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	238		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	250		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	251		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	252		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	253		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	254		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	1164		Uniform Load	GZ	NO	0	-4.18	1	-4.18	
0	0	0	0							
	1165		Uniform Load	GZ	NO	0	-4.18	1	-4.18	
0	0	0	0							
	1166		Uniform Load	GZ	NO	0	-4.18	1	-4.18	
0	0	0	0							
	1167		Uniform Load	GZ	NO	0	-4.18	1	-4.18	
0	0	0	0							
	1168		Uniform Load	GZ	NO	0	-4.18	1	-4.18	
0	0	0	0							
	1219		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							
	1220		Uniform Load	GZ	NO	0	-2.09	1	-2.09	
0	0	0	0							

	1221		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1222		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1223		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1224		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1225		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1232		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1233		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1234		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1235		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1236		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1237		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1238		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1239		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1240		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1241		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1242		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1243		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1244		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1245		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1246		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1247		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1248		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1249		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1250		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						
	1251		Uniform Load	GZ	NO	0	-4.18	1	-4.18
0	0	0	0						

[LOAD CASE : Sisma RSX]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ

81	2.082	0.1331	0	0	0	0
82	2.849	0.3123	0	0	0	0
83	2.961	-0.09058	0	0	0	0
84	2.995	-0.08924	0	0	0	0
85	2.942	0.0776	0	0	0	0
86	2.931	0.07215	0	0	0	0
87	2.813	0.02138	0	0	0	0
88	4.168	-0.3713	0	0	0	0
89	4.334	-0.3021	0	0	0	0
90	7.074	-0.3108	0	0	0	0
91	7.292	0.3149	0	0	0	0
92	4.833	0.3137	0	0	0	0
93	2.593	0.286	0	0	0	0
94	4.215	0.478	0	0	0	0
95	4.263	0.5177	0	0	0	0
96	4.265	0.3636	0	0	0	0
97	4.196	-0.3924	0	0	0	0
98	4.145	-0.6385	0	0	0	0
100	5.594	0.6269	0	0	0	0
101	6.059	0.5911	0	0	0	0
102	6.02	0.5947	0	0	0	0
103	5.095	0.6083	0	0	0	0
104	2.308	0.5644	0	0	0	0
127	2.485	-0.5424	0	0	0	0
128	2.507	-0.3206	0	0	0	0
129	2.593	0.2862	0	0	0	0
130	2.568	0.4676	0	0	0	0
131	2.63	0.3517	0	0	0	0
133	3.625	0.06068	0	0	0	0
134	2.83	0.2586	0	0	0	0
136	2.984	0.1958	0	0	0	0
137	1.846	0.4934	0	0	0	0
140	5.483	0.01076	0	0	0	0
141	3.605	0.4152	0	0	0	0
142	0.8712	0.1253	0	0	0	0
144	5.085	0.03266	0	0	0	0
145	3.311	0.512	0	0	0	0
146	0.8456	0.1669	0	0	0	0
148	4.818	0.03557	0	0	0	0
149	2.979	0.2993	0	0	0	0
150	0.8186	0.1026	0	0	0	0
152	4.896	-0.04084	0	0	0	0

153	2.688	-0.3307	0	0	0	0
154	0.7942	-0.1141	0	0	0	0
156	4.901	-0.03958	0	0	0	0
157	2.497	-0.6172	0	0	0	0
158	0.7814	-0.1931	0	0	0	0
159	6.915	-0.5543	0	0	0	0
160	22.67	-1.116	0	0	0	0
161	30.48	1.109	0	0	0	0
162	31.2	1.115	0	0	0	0
164	8.109	0.7645	0	0	0	0
165	9.937	0.9851	0	0	0	0
166	9.937	1.263	0	0	0	0
167	9.911	0.7354	0	0	0	0
168	9.845	-0.8798	0	0	0	0
169	9.789	-1.546	0	0	0	0
170	6.786	1.577	0	0	0	0
171	21.57	3.233	0	0	0	0
172	29.93	3.265	0	0	0	0
173	30.8	3.306	0	0	0	0
174	21.8	-3.349	0	0	0	0
175	7.595	-2.286	0	0	0	0
176	9.998	-2.164	0	0	0	0
177	10.05	-1.271	0	0	0	0
178	10.41	1.111	0	0	0	0
179	10.26	1.85	0	0	0	0
180	10.56	1.398	0	0	0	0
181	1.495	0.1804	0	0	0	0
182	1.437	-0.4262	0	0	0	0
183	2.924	0.397	0	0	0	0
184	2.883	0.5222	0	0	0	0
185	2.848	0.3299	0	0	0	0
186	2.822	-0.3595	0	0	0	0
187	2.815	-0.6075	0	0	0	0
270	13.64	1.287	0	0	0	0
282	17.83	2.026	0	0	0	0
283	15.35	2.16	0	0	0	0
284	12.14	2.16	0	0	0	0
285	9.181	2.05	0	0	0	0
296	0.773	0.1788	0	0	0	0
319	2.472	-0.6072	0	0	0	0
369	6.403	-0.5173	0	0	0	0
370	6.619	-0.3417	0	0	0	0
371	9.77	0.338	0	0	0	0
372	9.957	0.344	0	0	0	0
373	6.841	0.3577	0	0	0	0
374	3.306	0.3496	0	0	0	0
375	6.271	1.468	0	0	0	0
376	6.196	0.9552	0	0	0	0
377	9.338	0.9171	0	0	0	0
378	9.568	0.894	0	0	0	0
379	6.585	0.8855	0	0	0	0
380	3.109	-0.8367	0	0	0	0
910	1.222	0.1473	0	0	0	0

911	1.136	-0.3439	0	0	0	0
987	-4.377	0.2058	0	0	0	0
988	-4.421	-0.6154	0	0	0	0
989	3.088	0.3718	0	0	0	0
990	2.634	0.4949	0	0	0	0
991	2.619	0.2978	0	0	0	0
992	2.574	-0.3402	0	0	0	0
993	2.738	-0.5756	0	0	0	0
999	45.34	2.022	0	0	0	0
1000	45.38	2.667	0	0	0	0
1001	45.42	1.575	0	0	0	0
1002	45.01	-1.843	0	0	0	0
1003	44.36	-3.15	0	0	0	0
1004	44.3	2.012	0	0	0	0
1005	44.25	2.636	0	0	0	0
1006	44.2	1.548	0	0	0	0
1007	43.93	-1.827	0	0	0	0
1008	43.43	-3.145	0	0	0	0
1009	32.28	2.011	0	0	0	0
1010	33.18	2.605	0	0	0	0
1011	33.49	1.524	0	0	0	0
1012	32.56	-1.812	0	0	0	0
1013	30.8	-3.149	0	0	0	0
1072	22.82	1.125	0	0	0	0
1073	32.41	2.037	0	0	0	0
1074	32.56	2.7	0	0	0	0
1075	32.49	1.609	0	0	0	0
1076	31.78	-1.861	0	0	0	0
1077	31.06	-3.163	0	0	0	0
1081	3.237	0.02846	0	0	0	0
1082	3.032	0.0129	0	0	0	0
1083	2.824	0.02359	0	0	0	0
1084	2.77	-0.02663	0	0	0	0
1085	2.854	-0.02813	0	0	0	0
1086	2.436	0.05175	0	0	0	0
1087	0.3699	0.01283	0	0	0	0
1088	0.3339	0.004436	0	0	0	0
1089	0.3418	0.008622	0	0	0	0
1090	0.3456	-0.009677	0	0	0	0
1091	0.3462	-0.0103	0	0	0	0
1092	0.3638	0.02138	0	0	0	0
1296	7.644	0.7622	0	0	0	0
1297	8.718	1.114	0	0	0	0
1298	8.698	0.6491	0	0	0	0
1299	7.577	-0.6776	0	0	0	0
1300	7.549	-1.198	0	0	0	0
1563	4.029	0.8678	0	0	0	0
1564	-0.3605	0.00582	0	0	0	0
1566	-0.4236	0.01244	0	0	0	0
1568	0.2603	0.0006418	0	0	0	0
1571	-1.2	0.001952	0	0	0	0
1574	-0.1122	0.00213	0	0	0	0
1577	-1.26	-0.002447	0	0	0	0

1580	0.1624	-0.002356	0	0	0	0
1606	4.336	0.4407	0	0	0	0
1608	25.77	-2.975	0	0	0	0
1610	2.547	-0.3934	0	0	0	0
1612	11.28	-2.602	0	0	0	0
1614	12.74	-2.867	0	0	0	0
1618	24.8	-6.496	0	0	0	0
1620	21.85	-8.06	0	0	0	0
1622	4.589	-2.117	0	0	0	0
1624	2.407	-1.233	0	0	0	0
1627	6.206	-3.517	0	0	0	0
1629	5.829	-1.482	0	0	0	0
1633	1.3	-0.2855	0	0	0	0
1635	6.383	-1.657	0	0	0	0
1636	3.015	-1.416	0	0	0	0
1637	16.38	-3.138	0	0	0	0
1638	1.504	-0.1914	0	0	0	0
1640	4.829	-0.5105	0	0	0	0
1862	0.8528	0.01534	0	0	0	0
1863	0.8259	0.01133	0	0	0	0
1864	0.8219	-0.0115	0	0	0	0
1865	0.8185	0.01574	0	0	0	0
1866	1.708	0.312	0	0	0	0
1869	1.923	0.4136	0	0	0	0
1870	1.109	-0.6167	0	0	0	0
1871	0.33	-0.1716	0	0	0	0
1872	3.238	-0.5399	0	0	0	0
1873	5.549	-0.7523	0	0	0	0
1876	0.1326	-0.1746	0	0	0	0
1880	0.1665	0.01916	0	0	0	0
1881	0.1882	0.03645	0	0	0	0
1882	0.176	0.02519	0	0	0	0
1883	0.1874	0.03109	0	0	0	0
1884	0.1927	0.01817	0	0	0	0
1885	0.1932	-0.02009	0	0	0	0
1886	0.1869	-0.03746	0	0	0	0
1887	0.01266	0.001956	0	0	0	0
1888	0.01311	-0.004609	0	0	0	0
1889	0.03154	0.004858	0	0	0	0
1890	0.03208	0.006389	0	0	0	0
1891	0.03314	0.004035	0	0	0	0
1892	0.03339	-0.0044	0	0	0	0
1893	0.03385	-0.007436	0	0	0	0
1894	4.016	0.5158	0	0	0	0
1896	1.853	-1.823	0	0	0	0
1897	1.276	-0.3057	0	0	0	0
1898	1.922	-0.3712	0	0	0	0
1904	-0.3772	0.02892	0	0	0	0
1905	-0.3724	0.03199	0	0	0	0
1906	-0.3921	0.04133	0	0	0	0
1907	-0.4093	0.04198	0	0	0	0
1910	7.328	-1.404	0	0	0	0
1916	1.257	0.3325	0	0	0	0

1926	0.3292	-0.1668	0	0	0	0
1927	3.115	-1.78	0	0	0	0
1929	1.199	0.06196	0	0	0	0
1930	1.775	0.07887	0	0	0	0
1931	1.713	-0.0784	0	0	0	0
1932	0.9959	-0.06129	0	0	0	0
1933	0.5263	0.06673	0	0	0	0
1934	0.6102	0.06527	0	0	0	0
1935	0.6708	0.05885	0	0	0	0
1936	0.6984	0.06107	0	0	0	0
1944	1.844	0.03897	0	0	0	0
1945	1.86	0.04748	0	0	0	0
1946	1.867	0.04969	0	0	0	0
1947	1.879	-0.04647	0	0	0	0
1948	1.877	-0.05369	0	0	0	0
1977	0.04936	0.007466	0	0	0	0
1978	0.05069	0.009942	0	0	0	0
1979	0.05301	0.006113	0	0	0	0
1980	0.05425	-0.006794	0	0	0	0
1981	0.05327	-0.0115	0	0	0	0
1982	0.04606	-0.01569	0	0	0	0
1983	0.04428	0.006696	0	0	0	0
1988	0.0009854	-0.001304	0	0	0	0
1990	2.603	-0.01447	0	0	0	0
1991	1.228	0.06509	0	0	0	0
1992	1.028	0.05357	0	0	0	0
1993	0.05831	0.001853	0	0	0	0
1994	0.05697	0.0009663	0	0	0	0
1995	0.05681	-0.000966	0	0	0	0
1996	0.05666	0.001803	0	0	0	0
1997	0.1677	-0.0007504	0	0	0	0
1998	0.08316	0.0008918	0	0	0	0
1999	0.9089	0.1011	0	0	0	0
2000	2.689	-0.2087	0	0	0	0
2001	0.7072	0.005612	0	0	0	0
2002	0.668	0.005843	0	0	0	0
2003	0.6718	0.004495	0	0	0	0
2004	0.7067	-0.005037	0	0	0	0
2005	0.6868	-0.006327	0	0	0	0
2006	0.114	0.005473	0	0	0	0
2007	2.776	0.2967	0	0	0	0
2008	2.881	0.3071	0	0	0	0
2009	2.888	0.2279	0	0	0	0
2010	2.779	-0.2415	0	0	0	0
2011	2.732	-0.3727	0	0	0	0
2012	1.049	0.2016	0	0	0	0
2013	-0.04016	0.005072	0	0	0	0
2014	-0.03936	0.004878	0	0	0	0
2015	-0.03808	0.003185	0	0	0	0
2016	-0.03864	0.003104	0	0	0	0
2017	0.0819	0.003135	0	0	0	0
2018	0.3376	0.0825	0	0	0	0
2019	0.9202	0.01917	0	0	0	0

2020	0.8732	0.002544	0	0	0	0
2021	0.8082	0.006385	0	0	0	0
2022	0.76	0.006592	0	0	0	0
2023	0.763	-0.007381	0	0	0	0
2024	0.7596	-0.006113	0	0	0	0
2025	0.5023	0.03774	0	0	0	0
2026	0.9749	0.08466	0	0	0	0
2027	0.9291	0.1012	0	0	0	0
2028	0.8504	0.1204	0	0	0	0
2029	0.7625	0.0711	0	0	0	0
2030	0.6867	-0.07725	0	0	0	0
2031	0.6284	-0.1481	0	0	0	0
2032	0.621	0.1571	0	0	0	0

[LOAD CASE : Sisma RSY]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ

81	-0.1499	4.779	0	0	0	0
82	0.1434	-7.895	0	0	0	0
83	0.1087	12.06	0	0	0	0
84	0.076	12.01	0	0	0	0
85	0.07977	11.99	0	0	0	0
86	0.07709	12.01	0	0	0	0
87	-0.1032	12.07	0	0	0	0
88	-0.4749	2.893	0	0	0	0
89	1.834	2.296	0	0	0	0
90	2.004	2.232	0	0	0	0
91	-1.751	2.181	0	0	0	0
92	-1.053	2.147	0	0	0	0
93	-0.7638	1.893	0	0	0	0
94	-0.4733	4.939	0	0	0	0
95	-0.4938	7.388	0	0	0	0
96	0.5027	8.823	0	0	0	0
97	0.5005	7.531	0	0	0	0
98	0.5397	4.988	0	0	0	0
100	-1.348	2.403	0	0	0	0
101	-1.206	2.335	0	0	0	0
102	2.1	2.376	0	0	0	0
103	3.237	2.432	0	0	0	0
104	1.608	2.248	0	0	0	0
127	0.563	4.682	0	0	0	0
128	0.2505	7.002	0	0	0	0
129	-0.2195	8.241	0	0	0	0

130	-0.3612	6.883	0	0	0	0
131	-0.6158	4.634	0	0	0	0
133	0.4571	2.169	0	0	0	0
134	0.5045	1.649	0	0	0	0
136	-0.5955	4.138	0	0	0	0
137	-0.4079	1.976	0	0	0	0
140	0.6999	5.191	0	0	0	0
141	0.6356	4.855	0	0	0	0
142	0.1938	1.664	0	0	0	0
144	0.6445	5.178	0	0	0	0
145	0.592	7.374	0	0	0	0
146	0.1895	2.475	0	0	0	0
148	0.5601	5.176	0	0	0	0
149	0.5557	8.809	0	0	0	0
150	0.1843	2.963	0	0	0	0
152	0.48	5.177	0	0	0	0
153	-0.5315	7.484	0	0	0	0
154	-0.1873	2.518	0	0	0	0
156	-0.4468	5.186	0	0	0	0
157	-0.5221	4.926	0	0	0	0
158	-0.1975	1.682	0	0	0	0
159	-0.101	4.733	0	0	0	0
160	4.596	9.611	0	0	0	0
161	6.775	9.642	0	0	0	0
162	-6.293	9.708	0	0	0	0
164	-2.404	6.696	0	0	0	0
165	-0.1271	13.16	0	0	0	0
166	-0.1155	19.59	0	0	0	0
167	0.1251	23.37	0	0	0	0
168	0.1681	19.94	0	0	0	0
169	0.2106	13.34	0	0	0	0
170	0.1619	6.508	0	0	0	0
171	-5.032	13.45	0	0	0	0
172	-7.38	13.67	0	0	0	0
173	-6.698	13.87	0	0	0	0
174	4.1	14.04	0	0	0	0
175	2.191	9.564	0	0	0	0
176	2.307	18.39	0	0	0	0
177	1.019	27.33	0	0	0	0
178	-0.9539	32.14	0	0	0	0
179	-1.504	26.89	0	0	0	0
180	-2.532	18.15	0	0	0	0
181	0.3271	1.33	0	0	0	0
182	-0.3438	1.672	0	0	0	0
183	0.6378	5.333	0	0	0	0
184	0.6257	7.863	0	0	0	0
185	0.6162	9.408	0	0	0	0
186	-0.6304	8.006	0	0	0	0
187	-0.6615	5.368	0	0	0	0
270	2.704	6.333	0	0	0	0
282	2.594	9.967	0	0	0	0
283	1.695	10.63	0	0	0	0
284	2.473	10.63	0	0	0	0

285	3.969	10.08	0	0	0	0
296	-0.3771	0.8796	0	0	0	0
319	0.11	5.139	0	0	0	0
369	-0.08838	4.355	0	0	0	0
370	1.52	2.861	0	0	0	0
371	2.04	2.797	0	0	0	0
372	-1.841	2.78	0	0	0	0
373	-1.11	2.778	0	0	0	0
374	-0.9009	2.593	0	0	0	0
375	0.1512	5.97	0	0	0	0
376	-1.632	3.798	0	0	0	0
377	-2.042	3.602	0	0	0	0
378	-1.813	3.494	0	0	0	0
379	1.362	3.457	0	0	0	0
380	1.061	3.268	0	0	0	0
910	0.2686	1.079	0	0	0	0
911	-0.2802	1.345	0	0	0	0
987	-2.88	1.802	0	0	0	0
988	1.227	2.575	0	0	0	0
989	-0.7988	4.823	0	0	0	0
990	-0.6698	7.189	0	0	0	0
991	0.7967	8.604	0	0	0	0
992	0.7431	7.305	0	0	0	0
993	0.4754	4.89	0	0	0	0
999	-7.695	26.21	0	0	0	0
1000	-4.183	38.9	0	0	0	0
1001	-1.388	46.54	0	0	0	0
1002	-4.952	39.55	0	0	0	0
1003	-8.074	26.57	0	0	0	0
1004	8.518	26.25	0	0	0	0
1005	4.758	38.94	0	0	0	0
1006	-1.104	46.56	0	0	0	0
1007	-5.26	39.61	0	0	0	0
1008	-9.024	26.6	0	0	0	0
1009	5.814	26.49	0	0	0	0
1010	3.035	39.3	0	0	0	0
1011	1.046	46.94	0	0	0	0
1012	-3.803	39.98	0	0	0	0
1013	-6.465	26.85	0	0	0	0
1072	-3.596	9.806	0	0	0	0
1073	-4.525	26.37	0	0	0	0
1074	-2.242	39.16	0	0	0	0
1075	-1.396	46.87	0	0	0	0
1076	2.797	39.81	0	0	0	0
1077	4.849	26.73	0	0	0	0
1081	0.4103	3.074	0	0	0	0
1082	0.3863	3.577	0	0	0	0
1083	0.3447	3.57	0	0	0	0
1084	0.2954	3.57	0	0	0	0
1085	-0.2591	3.574	0	0	0	0
1086	-0.2744	3.195	0	0	0	0
1087	-0.01318	1.175	0	0	0	0
1088	0.01031	1.4	0	0	0	0

1089	0.009118	1.397	0	0	0	0
1090	0.009063	1.397	0	0	0	0
1091	0.01058	1.399	0	0	0	0
1092	0.008228	1.232	0	0	0	0
1296	-0.09425	10.19	0	0	0	0
1297	-0.1	17.35	0	0	0	0
1298	0.1121	20.7	0	0	0	0
1299	0.1349	15.44	0	0	0	0
1300	0.1697	10.32	0	0	0	0
1563	0.6124	3.249	0	0	0	0
1564	0.4231	0.2047	0	0	0	0
1566	-0.4869	0.241	0	0	0	0
1568	0.2907	0.3081	0	0	0	0
1571	1.372	0.3073	0	0	0	0
1574	0.1149	0.3072	0	0	0	0
1577	-1.439	0.3073	0	0	0	0
1580	-0.1855	0.3078	0	0	0	0
1606	0.6308	2.295	0	0	0	0
1608	4.464	11.69	0	0	0	0
1610	0.3706	1.228	0	0	0	0
1612	1.642	4.978	0	0	0	0
1614	1.941	5.485	0	0	0	0
1618	2.876	12.43	0	0	0	0
1620	4.778	15.42	0	0	0	0
1622	2.106	4.051	0	0	0	0
1624	-1.174	2.111	0	0	0	0
1627	-4.72	5.647	0	0	0	0
1629	-4.479	6.291	0	0	0	0
1633	-0.2788	2.684	0	0	0	0
1635	-4.446	7.031	0	0	0	0
1636	-1.471	2.708	0	0	0	0
1637	3.247	6.004	0	0	0	0
1638	0.2188	0.7516	0	0	0	0
1640	0.9573	2.005	0	0	0	0
1862	-0.03434	1.011	0	0	0	0
1863	-0.03276	1.025	0	0	0	0
1864	0.03291	1.027	0	0	0	0
1865	0.04015	1.008	0	0	0	0
1866	-0.3758	6.054	0	0	0	0
1869	-1.477	2.196	0	0	0	0
1870	-0.3726	1.509	0	0	0	0
1871	-0.08072	0.3867	0	0	0	0
1872	0.9425	1.473	0	0	0	0
1873	4.146	1.941	0	0	0	0
1876	0.03775	2.485	0	0	0	0
1880	0.01032	0.1218	0	0	0	0
1881	-0.01072	0.146	0	0	0	0
1882	0.01131	0.2947	0	0	0	0
1883	0.01575	0.4476	0	0	0	0
1884	0.007035	0.5347	0	0	0	0
1885	-0.008822	0.4542	0	0	0	0
1886	-0.0094	0.299	0	0	0	0
1887	0.001769	0.0145	0	0	0	0

1888	-0.0009453	0.01809	0	0	0	0
1889	0.002277	0.06519	0	0	0	0
1890	0.001617	0.09611	0	0	0	0
1891	0.001543	0.115	0	0	0	0
1892	-0.002703	0.09786	0	0	0	0
1893	-0.001013	0.06562	0	0	0	0
1894	0.5512	3.672	0	0	0	0
1896	0.239	1.639	0	0	0	0
1897	0.1643	0.9777	0	0	0	0
1898	0.4558	1.101	0	0	0	0
1904	-0.02521	0.4374	0	0	0	0
1905	0.01722	0.4168	0	0	0	0
1906	0.01573	0.3979	0	0	0	0
1907	0.02145	0.394	0	0	0	0
1910	1.453	2.686	0	0	0	0
1916	0.9725	1.585	0	0	0	0
1926	-0.2224	0.3779	0	0	0	0
1927	-1.963	2.858	0	0	0	0
1929	-0.2794	0.6699	0	0	0	0
1930	-0.4548	0.7298	0	0	0	0
1931	0.5261	0.7398	0	0	0	0
1932	0.4983	0.6992	0	0	0	0
1933	0.3486	0.2829	0	0	0	0
1934	0.2204	0.2757	0	0	0	0
1935	-0.1143	0.2499	0	0	0	0
1936	-0.1428	0.253	0	0	0	0
1944	-0.0631	4.531	0	0	0	0
1945	-0.04869	4.531	0	0	0	0
1946	-0.04253	4.552	0	0	0	0
1947	0.04272	4.542	0	0	0	0
1948	0.05533	4.517	0	0	0	0
1977	0.00294	0.09922	0	0	0	0
1978	0.003323	0.1476	0	0	0	0
1979	0.002732	0.1767	0	0	0	0
1980	-0.006828	0.1501	0	0	0	0
1981	-0.002104	0.1003	0	0	0	0
1982	-0.00298	0.06128	0	0	0	0
1983	0.006049	0.04871	0	0	0	0
1988	0.0002804	0.01882	0	0	0	0
1990	0.07035	1.104	0	0	0	0
1991	0.1438	-0.4789	0	0	0	0
1992	-0.0808	1.5	0	0	0	0
1993	-0.001982	0.07364	0	0	0	0
1994	-0.001731	0.07227	0	0	0	0
1995	0.001631	0.07257	0	0	0	0
1996	0.002055	0.07338	0	0	0	0
1997	0.004434	0.08731	0	0	0	0
1998	0.002184	0.1093	0	0	0	0
1999	-0.28	0.8397	0	0	0	0
2000	-0.3036	1.791	0	0	0	0
2001	0.0203	0.3213	0	0	0	0
2002	-0.01462	0.3218	0	0	0	0
2003	0.01399	0.3236	0	0	0	0

2004	0.01956	0.323	0	0	0	0
2005	0.02348	0.3237	0	0	0	0
2006	0.009806	-0.05358	0	0	0	0
2007	-0.3103	2.786	0	0	0	0
2008	-0.3445	4.168	0	0	0	0
2009	0.3501	4.98	0	0	0	0
2010	0.3262	4.251	0	0	0	0
2011	0.3475	2.814	0	0	0	0
2012	0.2087	0.8158	0	0	0	0
2013	0.001389	0.04258	0	0	0	0
2014	0.001218	0.04302	0	0	0	0
2015	0.00135	0.04381	0	0	0	0
2016	-0.001975	0.04607	0	0	0	0
2017	0.002276	0.1178	0	0	0	0
2018	0.2499	0.3502	0	0	0	0
2019	0.1196	0.6312	0	0	0	0
2020	0.1138	0.9027	0	0	0	0
2021	0.1049	0.901	0	0	0	0
2022	0.09171	0.9012	0	0	0	0
2023	0.07919	0.9014	0	0	0	0
2024	-0.07371	0.9025	0	0	0	0
2025	-0.1089	0.717	0	0	0	0
2026	0.1681	0.5733	0	0	0	0
2027	0.1558	1.119	0	0	0	0
2028	0.1433	1.704	0	0	0	0
2029	0.1335	2.037	0	0	0	0
2030	-0.1258	1.731	0	0	0	0
2031	-0.1201	1.135	0	0	0	0
2032	-0.125	0.6484	0	0	0	0

*** RESPONSE SPECTRUM FUNCTION DATA

NAME FUNCTION SCALE GRAVITY DATA

TYPE

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SLV Elast~ Normalized Acc.      1    9.806 0:0.200133 0.04:0.268622
0.08:0.337112 0.12:0.405601
SLV Elast~ Normalized Acc.      1    9.806 0:0.171978 0.04:0.231184
0.08:0.29039 0.12:0.349596
SLV Elast~ Normalized Acc.      1    9.806 0:0.163523 0.04:0.220112
0.08:0.276702 0.12:0.333292

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