



**CITTA' DI
ROBBIO**
(PROVINCIA DI PAVIA)

**Realizzazione della nuova Caserma dei Carabinieri e recupero
funzionale area degradata nel Comune di Robbio (PV)**

PROGETTO DEFINITIVO

E_1.1	Aprile 2020	ALLOGGI - Tabulati di calcolo delle strutture	
		Collaboratore: F. Mocchi - R. Dondi	Valid: Agg. 1/apr_2020

PROGETTISTA: Augusto Allegrini ingegnere	DIRETTORE LAVORI:	IL SINDACO	IL RESP.del PROCEDIMENTO

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Diritti d'autore riservati a norma di legge.

Riproduzione totale o parziale vietata senza consenso scritto del progettista o degli aventi diritto.

ALLOGGI

ID	Type	Shape	Name	Area (m ²)	Asy (m ²)	Asz (m ²)	Ixx (m ⁴)	Iyy (m ⁴)
1	DB/User	SB	PIL_20X20	0.04	0.0333	0.0333	0.0002	0.0001
2	DB/User	SB	PIL_40x30	0.12	0.1	0.1	0.0019	0.0016
3	DB/User	SB	PIL_40x20	0.08	0.0667	0.0667	0.0007	0.0011
4	DB/User	SB	TR_40x24	0.096	0.08	0.08	0.0012	0.0005
5	DB/User	SB	TR_30x24	0.072	0.06	0.06	0.0007	0.0003
6	DB/User	SB	TR_CORD	0.22	0.1833	0.1833	0.0065	0.0055
7	DB/User	SB	TR_40x28	0.112	0.0933	0.0933	0.0017	0.0007
8	DB/User	SB	TR_30x28	0.084	0.07	0.07	0.001	0.0006

Izz (m ⁴)	Cyp (m)	Cym (m)	Czp (m)	Czm (m)	Qyb (m ²)	Qzb (m ²)	Peri.(Out) (m)	Peri.(In) (m)
0.0001	0.1	0.1	0.1	0.1	0.005	0.005	0.8	0
0.0009	0.15	0.15	0.2	0.2	0.02	0.0113	1.4	0
0.0003	0.1	0.1	0.2	0.2	0.02	0.005	1.2	0
0.0013	0.2	0.2	0.12	0.12	0.0072	0.02	1.28	0
0.0005	0.15	0.15	0.12	0.12	0.0072	0.0113	1.08	0
0.0029	0.2	0.2	0.275	0.275	0.0378	0.02	1.9	0
0.0015	0.2	0.2	0.14	0.14	0.0098	0.02	1.36	0
0.0005	0.14	0.14	0.15	0.15	0.0113	0.0098	1.16	0

Node	X(m)	Y(m)	Z(m)
1	13.2	-0.87085	0
2	15.85548	-0.87085	0
3	17.40548	-0.87085	0
4	18.18027	-0.87085	0
5	20.06095	-0.87085	0
6	2.03515	0.385982	0
7	3.611275	0.385982	0
8	4.661286	0.386058	0
9	5.127878	0.385982	0
10	5.588146	0.385982	0
11	6.638146	0.385982	0
12	7.561057	0.385982	0
13	10.41106	0.385982	0
14	13.2	0.385982	0
15	20.06095	0.385982	0
16	20.61895	0.385982	0
17	23.46895	0.385982	0
18	24.39185	0.385982	0
19	25.44186	0.385982	0
20	25.90213	0.385982	0
21	26.36872	0.385982	0
22	27.41873	0.385982	0
23	28.99486	0.385982	0
24	15.64781	3.329155	0
25	18.18027	3.329155	0
26	13.2	4.536105	0
27	15.64781	4.536105	0
28	18.18027	4.536105	0
29	0.53515	5.285982	0
30	2.03515	5.285982	0
31	28.99486	5.285982	0
32	30.49486	5.285982	0
33	0.53515	6.060982	0
34	5.127878	6.060982	0
35	9.565003	6.060982	0
36	10.395	6.060982	0
37	12.395	6.060982	0
38	13.2	6.060982	0
39	15.515	6.060982	0
40	18.18027	6.060982	0
41	20.69498	6.060982	0
42	21.46498	6.060982	0
43	25.90213	6.060982	0
44	30.49486	6.060982	0
45	0.53515	10.5475	0
46	1.33515	10.5475	0
47	3.28515	10.5475	0
48	4.041329	10.5475	0
49	5.12788	10.5475	0
50	7.320473	10.5475	0

51	8.370469	10.54747	0
52	9.565003	10.5475	0
53	11.16086	10.54761	0
54	14.01088	10.5475	0
55	15.515	10.5475	0
56	17.12434	10.54761	0
57	19.97435	10.54713	0
58	21.465	10.54713	0
59	22.65952	10.54722	0
60	23.70953	10.5475	0
61	25.90213	10.5475	0
62	26.98868	10.5475	0
63	27.74486	10.5475	0
64	29.69486	10.5475	0
65	30.49486	10.5475	0
66	13.2	-0.87085	3.36
67	15.85548	-0.87085	3.36
68	17.40548	-0.87085	3.36
69	18.18027	-0.87085	3.36
70	20.06095	-0.87085	3.36
71	2.03515	0.385982	3.36
72	3.611275	0.385982	3.36
73	4.661286	0.386058	3.36
74	5.127878	0.385982	3.36
75	5.588146	0.385982	3.36
76	6.638146	0.385982	3.36
77	7.561057	0.385982	3.36
78	10.41106	0.385982	3.36
79	13.2	0.385982	3.36
80	20.06095	0.385982	3.36
81	20.61895	0.385982	3.36
82	23.46895	0.385982	3.36
83	24.39185	0.385982	3.36
84	25.44186	0.385982	3.36
85	25.90213	0.385982	3.36
86	26.36872	0.385982	3.36
87	27.41873	0.385982	3.36
88	28.99486	0.385982	3.36
89	15.64781	3.329155	3.36
90	18.18027	3.329155	3.36
91	13.2	4.536105	3.36
92	15.64781	4.536105	3.36
93	18.18027	4.536105	3.36
94	0.53515	5.285982	3.36
95	2.03515	5.285982	3.36
96	28.99486	5.285982	3.36
97	30.49486	5.285982	3.36
98	0.53515	6.060982	3.36
99	5.127878	6.060982	3.36
100	9.565003	6.060982	3.36
101	10.395	6.060982	3.36

102	12.395	6.060982	3.36
103	13.2	6.060982	3.36
104	15.515	6.060982	3.36
105	18.18027	6.060982	3.36
106	20.69498	6.060982	3.36
107	21.46498	6.060982	3.36
108	25.90213	6.060982	3.36
109	30.49486	6.060982	3.36
110	0.53515	10.5475	3.36
111	1.33515	10.5475	3.36
112	3.28515	10.5475	3.36
113	4.041329	10.5475	3.36
114	5.12788	10.5475	3.36
115	7.320473	10.5475	3.36
116	8.370469	10.54747	3.36
117	9.565003	10.5475	3.36
118	11.16086	10.54761	3.36
119	14.01088	10.5475	3.36
120	15.515	10.5475	3.36
121	17.12434	10.54761	3.36
122	19.97435	10.54713	3.36
123	21.465	10.54713	3.36
124	22.65952	10.54722	3.36
125	23.70953	10.5475	3.36
126	25.90213	10.5475	3.36
127	26.98868	10.5475	3.36
128	27.74486	10.5475	3.36
129	29.69486	10.5475	3.36
130	30.49486	10.5475	3.36
131	13.2	-0.87085	6.85
132	15.85548	-0.87085	6.85
133	17.40548	-0.87085	6.85
134	18.18027	-0.87085	6.85
135	20.06095	-0.87085	6.85
136	2.03515	0.385982	6.85
137	3.611275	0.385982	6.85
138	4.661286	0.386058	6.85
139	5.127878	0.385982	6.85
140	5.588146	0.385982	6.85
141	6.638146	0.385982	6.85
142	7.561057	0.385982	6.85
143	10.41106	0.385982	6.85
144	13.2	0.385982	6.85
145	20.06095	0.385982	6.85
146	20.61895	0.385982	6.85
147	23.46895	0.385982	6.85
148	24.39185	0.385982	6.85
149	25.44186	0.385982	6.85
150	25.90213	0.385982	6.85
151	26.36872	0.385982	6.85
152	27.41873	0.385982	6.85

153	28.99486	0.385982	6.85
154	18.18027	3.329155	6.85
155	13.2	4.536105	6.85
156	15.64781	4.536105	6.85
157	18.18027	4.536105	6.85
158	0.53515	5.285982	6.85
159	2.03515	5.285982	6.85
160	28.99486	5.285982	6.85
161	30.49486	5.285982	6.85
162	0.53515	6.060982	6.85
163	5.127878	6.060982	6.85
164	9.565003	6.060982	6.85
165	10.395	6.060982	6.85
166	12.395	6.060982	6.85
167	13.2	6.060982	6.85
168	15.515	6.060982	6.85
169	18.18027	6.060982	6.85
170	20.69498	6.060982	6.85
171	21.46498	6.060982	6.85
172	25.90213	6.060982	6.85
173	30.49486	6.060982	6.85
174	0.53515	10.5475	6.85
175	1.33515	10.5475	6.85
176	3.28515	10.5475	6.85
177	4.041329	10.5475	6.85
178	5.12788	10.5475	6.85
179	7.320473	10.5475	6.85
180	8.370469	10.54747	6.85
181	9.565003	10.5475	6.85
182	11.16086	10.54761	6.85
183	14.01088	10.5475	6.85
184	15.515	10.5475	6.85
185	17.12434	10.54761	6.85
186	19.97435	10.54713	6.85
187	21.465	10.54713	6.85
188	22.65952	10.54722	6.85
189	23.70953	10.5475	6.85
190	25.90213	10.5475	6.85
191	26.98868	10.5475	6.85
192	27.74486	10.5475	6.85
193	29.69486	10.5475	6.85
194	30.49486	10.5475	6.85

Element	Type	Wall Type	Sub Type	Wall ID	Material	Property	B-Angle (°)	Node1
1	BEAM			0	1	1	0	1
2	WALL	Plate Base	Membrane	1	1	1	0	1
3	WALL	Plate Base	Membrane	2	1	1	0	3
4	BEAM			0	1	1	0	4
5	WALL	Plate Base	Membrane	3	1	1	0	4
6	BEAM			0	1	1	0	5
7	WALL	Plate Base	Membrane	4	1	1	0	14
8	WALL	Plate Base	Membrane	5	1	1	0	15
9	BEAM			0	1	1	0	6
10	WALL	Plate Base	Membrane	6	1	1	0	6
11	WALL	Plate Base	Membrane	7	1	1	0	8
12	BEAM			0	1	3	0	9
13	WALL	Plate Base	Membrane	8	1	1	0	9
14	WALL	Plate Base	Membrane	9	1	1	0	11
15	WALL	Plate Base	Membrane	10	1	1	0	13
16	BEAM			0	1	1	0	14
17	BEAM			0	1	1	0	15
18	WALL	Plate Base	Membrane	11	1	1	0	15
19	WALL	Plate Base	Membrane	12	1	1	0	17
20	WALL	Plate Base	Membrane	13	1	1	0	19
21	BEAM			0	1	3	0	20
22	WALL	Plate Base	Membrane	14	1	1	0	20
23	WALL	Plate Base	Membrane	15	1	1	0	22
24	BEAM			0	1	1	0	23
25	WALL	Plate Base	Membrane	16	1	2	0	26
26	WALL	Plate Base	Membrane	17	1	1	0	30
27	WALL	Plate Base	Membrane	18	1	1	0	31
28	WALL	Plate Base	Membrane	19	1	1	0	27
29	WALL	Plate Base	Membrane	20	1	2	0	28
30	WALL	Plate Base	Membrane	21	1	1	0	26
31	BEAM			0	1	1	0	29
32	WALL	Plate Base	Membrane	22	1	1	0	29
33	BEAM			0	1	1	0	30
34	BEAM			0	1	1	0	31
35	WALL	Plate Base	Membrane	23	1	1	0	31
36	BEAM			0	1	1	0	32
37	WALL	Plate Base	Membrane	24	1	1	0	33
38	WALL	Plate Base	Membrane	25	1	1	0	44
39	BEAM			0	1	2	0	34
40	BEAM			0	1	1	0	35
41	WALL	Plate Base	Membrane	26	1	1	0	35
42	WALL	Plate Base	Membrane	27	1	1	0	37
43	BEAM			0	1	1	0	38
44	WALL	Plate Base	Membrane	28	1	1	0	38
45	BEAM			0	1	1	0	39
46	WALL	Plate Base	Membrane	29	1	1	0	39
47	BEAM			0	1	1	0	40
48	WALL	Plate Base	Membrane	30	1	1	0	41
49	BEAM			0	1	1	0	42

50	BEAM		0	1	2	0	43
51	WALL	Plate Base Membrane	31	1	1	0	45
52	WALL	Plate Base Membrane	32	1	1	0	52
53	WALL	Plate Base Membrane	33	1	1	0	55
54	WALL	Plate Base Membrane	34	1	1	0	58
55	WALL	Plate Base Membrane	35	1	1	0	65
56	BEAM		0	1	1	0	45
57	WALL	Plate Base Membrane	36	1	1	0	45
58	WALL	Plate Base Membrane	37	1	1	0	47
59	BEAM		0	1	3	0	49
60	WALL	Plate Base Membrane	38	1	1	0	49
61	WALL	Plate Base Membrane	39	1	1	0	51
62	BEAM		0	1	1	0	52
63	WALL	Plate Base Membrane	40	1	1	0	52
64	WALL	Plate Base Membrane	41	1	1	0	54
65	BEAM		0	1	1	0	55
66	WALL	Plate Base Membrane	42	1	1	0	55
67	WALL	Plate Base Membrane	43	1	1	0	57
68	BEAM		0	1	1	0	58
69	WALL	Plate Base Membrane	44	1	1	0	58
70	WALL	Plate Base Membrane	45	1	1	0	60
71	BEAM		0	1	3	0	61
72	WALL	Plate Base Membrane	46	1	1	0	62
73	WALL	Plate Base Membrane	47	1	1	0	64
74	BEAM		0	1	1	0	65
75	BEAM		0	1	6	0	66
76	BEAM		0	1	6	0	67
77	BEAM		0	1	6	0	68
78	BEAM		0	1	6	0	69
79	BEAM		0	1	6	0	79
80	BEAM		0	1	6	0	70
81	BEAM		0	1	6	0	71
82	BEAM		0	1	6	0	72
83	BEAM		0	1	6	0	73
84	BEAM		0	1	6	0	74
85	BEAM		0	1	6	0	75
86	BEAM		0	1	6	0	76
87	BEAM		0	1	6	0	77
88	BEAM		0	1	6	0	78
89	BEAM		0	1	6	0	80
90	BEAM		0	1	6	0	81
91	BEAM		0	1	6	0	82
92	BEAM		0	1	6	0	83
93	BEAM		0	1	6	0	84
94	BEAM		0	1	6	0	85
95	BEAM		0	1	6	0	86
96	BEAM		0	1	6	0	87
97	PLATE	Thick(w/o	0	2	3	0	105
98	BEAM		0	1	5	0	90
99	BEAM		0	1	5	0	79

100 BEAM		0	1	6	0	71
101 BEAM		0	1	6	0	88
102 PLATE	Thick(w/o	0	2	3	0	95
103 PLATE	Thick(w/o	0	2	3	0	108
104 BEAM		0	1	4	0	74
105 PLATE	Thick(w/o	0	2	3	0	74
106 PLATE	Thick(w/o	0	2	3	0	105
107 BEAM		0	1	4	0	85
108 BEAM		0	1	5	0	89
109 PLATE	Thick(w/o	0	2	3	0	92
110 BEAM		0	1	5	0	90
111 BEAM		0	1	5	0	92
112 BEAM		0	1	6	0	95
113 BEAM		0	1	6	0	96
114 BEAM		0	1	5	0	91
115 PLATE	Thick(w/o	0	2	3	0	103
116 BEAM		0	1	5	0	105
117 BEAM		0	1	6	0	94
118 PLATE	Thick(w/o	0	2	3	0	94
119 PLATE	Thick(w/o	0	2	3	0	108
120 BEAM		0	1	6	0	97
121 BEAM		0	1	4	0	99
122 BEAM		0	1	4	0	99
123 BEAM		0	1	4	0	100
124 BEAM		0	1	4	0	101
125 BEAM		0	1	4	0	102
126 BEAM		0	1	4	0	103
127 BEAM		0	1	4	0	104
128 BEAM		0	1	4	0	105
129 BEAM		0	1	4	0	106
130 BEAM		0	1	4	0	107
131 BEAM		0	1	4	0	108
132 BEAM		0	1	6	0	98
133 PLATE	Thick(w/o	0	2	3	0	98
134 BEAM		0	1	4	0	99
135 PLATE	Thick(w/o	0	2	3	0	99
136 BEAM		0	1	6	0	100
137 PLATE	Thick(w/o	0	2	3	0	100
138 BEAM		0	1	6	0	104
139 PLATE	Thick(w/o	0	2	3	0	104
140 BEAM		0	1	6	0	107
141 PLATE	Thick(w/o	0	2	3	0	107
142 BEAM		0	1	4	0	108
143 PLATE	Thick(w/o	0	2	3	0	108
144 BEAM		0	1	6	0	109
145 BEAM		0	1	6	0	110
146 BEAM		0	1	6	0	111
147 BEAM		0	1	6	0	112
148 BEAM		0	1	6	0	113
149 BEAM		0	1	6	0	114

150 BEAM		0	1	6	0	115
151 BEAM		0	1	6	0	116
152 BEAM		0	1	6	0	117
153 BEAM		0	1	6	0	118
154 BEAM		0	1	6	0	119
155 BEAM		0	1	6	0	120
156 BEAM		0	1	6	0	121
157 BEAM		0	1	6	0	122
158 BEAM		0	1	6	0	123
159 BEAM		0	1	6	0	124
160 BEAM		0	1	6	0	125
161 BEAM		0	1	6	0	126
162 BEAM		0	1	6	0	127
163 BEAM		0	1	6	0	128
164 BEAM		0	1	6	0	129
165 BEAM		0	1	1	0	66
166 WALL	Plate Base Membrane	48	1	1	0	66
167 WALL	Plate Base Membrane	49	1	1	0	68
168 BEAM		0	1	1	0	69
169 WALL	Plate Base Membrane	50	1	1	0	69
170 BEAM		0	1	1	0	70
171 WALL	Plate Base Membrane	51	1	1	0	79
172 WALL	Plate Base Membrane	52	1	1	0	80
173 BEAM		0	1	1	0	71
174 WALL	Plate Base Membrane	53	1	1	0	71
175 WALL	Plate Base Membrane	54	1	1	0	73
176 BEAM		0	1	3	0	74
177 WALL	Plate Base Membrane	55	1	1	0	74
178 WALL	Plate Base Membrane	56	1	1	0	76
179 WALL	Plate Base Membrane	57	1	1	0	78
180 BEAM		0	1	1	0	79
181 BEAM		0	1	1	0	80
182 WALL	Plate Base Membrane	58	1	1	0	80
183 WALL	Plate Base Membrane	59	1	1	0	82
184 WALL	Plate Base Membrane	60	1	1	0	84
185 BEAM		0	1	3	0	85
186 WALL	Plate Base Membrane	61	1	1	0	85
187 WALL	Plate Base Membrane	62	1	1	0	87
188 BEAM		0	1	1	0	88
189 WALL	Plate Base Membrane	63	1	2	0	91
190 WALL	Plate Base Membrane	64	1	1	0	95
191 WALL	Plate Base Membrane	65	1	1	0	96
192 WALL	Plate Base Membrane	66	1	2	0	93
193 WALL	Plate Base Membrane	67	1	1	0	91
194 BEAM		0	1	1	0	94
195 WALL	Plate Base Membrane	68	1	1	0	94
196 BEAM		0	1	1	0	95
197 BEAM		0	1	1	0	96
198 WALL	Plate Base Membrane	69	1	1	0	96
199 BEAM		0	1	1	0	97

200 WALL	Plate Base Membrane	70	1	1	0	98
201 WALL	Plate Base Membrane	71	1	1	0	109
202 BEAM		0	1	2	0	99
203 BEAM		0	1	1	0	100
204 BEAM		0	1	1	0	103
205 BEAM		0	1	1	0	104
206 BEAM		0	1	1	0	105
207 BEAM		0	1	1	0	107
208 BEAM		0	1	2	0	108
209 WALL	Plate Base Membrane	72	1	1	0	110
210 WALL	Plate Base Membrane	73	1	1	0	117
211 WALL	Plate Base Membrane	74	1	1	0	120
212 WALL	Plate Base Membrane	75	1	1	0	123
213 WALL	Plate Base Membrane	76	1	1	0	130
214 BEAM		0	1	1	0	110
215 WALL	Plate Base Membrane	77	1	1	0	110
216 WALL	Plate Base Membrane	78	1	1	0	112
217 BEAM		0	1	3	0	114
218 WALL	Plate Base Membrane	79	1	1	0	114
219 WALL	Plate Base Membrane	80	1	1	0	116
220 BEAM		0	1	1	0	117
221 WALL	Plate Base Membrane	81	1	1	0	117
222 WALL	Plate Base Membrane	82	1	1	0	119
223 BEAM		0	1	1	0	120
224 WALL	Plate Base Membrane	83	1	1	0	120
225 WALL	Plate Base Membrane	84	1	1	0	122
226 BEAM		0	1	1	0	123
227 WALL	Plate Base Membrane	85	1	1	0	123
228 WALL	Plate Base Membrane	86	1	1	0	125
229 BEAM		0	1	3	0	126
230 WALL	Plate Base Membrane	87	1	1	0	127
231 WALL	Plate Base Membrane	88	1	1	0	129
232 BEAM		0	1	1	0	130
233 BEAM		0	1	6	0	131
234 BEAM		0	1	6	0	132
235 BEAM		0	1	6	0	133
236 BEAM		0	1	6	0	134
237 BEAM		0	1	6	0	144
238 BEAM		0	1	6	0	135
239 BEAM		0	1	6	0	136
240 BEAM		0	1	6	0	137
241 BEAM		0	1	6	0	138
242 BEAM		0	1	6	0	139
243 BEAM		0	1	6	0	140
244 BEAM		0	1	6	0	141
245 BEAM		0	1	6	0	142
246 BEAM		0	1	6	0	143
247 BEAM		0	1	6	0	145
248 BEAM		0	1	6	0	146
249 BEAM		0	1	6	0	147

250 BEAM		0	1	6	0	148
251 BEAM		0	1	6	0	149
252 BEAM		0	1	6	0	150
253 BEAM		0	1	6	0	151
254 BEAM		0	1	6	0	152
255 PLATE	Thick(w/o	0	2	3	0	169
256 BEAM		0	1	8	0	154
257 BEAM		0	1	8	0	144
258 PLATE	Thick(w/o	0	2	3	0	167
259 BEAM		0	1	6	0	136
260 BEAM		0	1	6	0	153
261 PLATE	Thick(w/o	0	2	3	0	159
262 PLATE	Thick(w/o	0	2	3	0	172
263 BEAM		0	1	7	0	139
264 PLATE	Thick(w/o	0	2	3	0	163
265 PLATE	Thick(w/o	0	2	3	0	169
266 BEAM		0	1	7	0	150
267 BEAM		0	1	8	0	154
268 BEAM		0	1	6	0	159
269 BEAM		0	1	6	0	160
270 BEAM		0	1	8	0	155
271 BEAM		0	1	8	0	169
272 BEAM		0	1	6	0	158
273 PLATE	Thick(w/o	0	2	3	0	162
274 PLATE	Thick(w/o	0	2	3	0	172
275 BEAM		0	1	6	0	161
276 BEAM		0	1	7	0	163
277 BEAM		0	1	7	0	163
278 BEAM		0	1	7	0	164
279 BEAM		0	1	7	0	165
280 BEAM		0	1	7	0	166
281 BEAM		0	1	7	0	167
282 BEAM		0	1	7	0	168
283 BEAM		0	1	7	0	169
284 BEAM		0	1	7	0	170
285 BEAM		0	1	7	0	171
286 BEAM		0	1	7	0	172
287 BEAM		0	1	6	0	162
288 PLATE	Thick(w/o	0	2	3	0	162
289 BEAM		0	1	7	0	163
290 PLATE	Thick(w/o	0	2	3	0	163
291 BEAM		0	1	6	0	164
292 PLATE	Thick(w/o	0	2	3	0	164
293 BEAM		0	1	6	0	168
294 PLATE	Thick(w/o	0	2	3	0	168
295 BEAM		0	1	6	0	171
296 PLATE	Thick(w/o	0	2	3	0	171
297 BEAM		0	1	7	0	172
298 PLATE	Thick(w/o	0	2	3	0	172
299 BEAM		0	1	6	0	173

300 BEAM	0	1	6	0	174
301 BEAM	0	1	6	0	175
302 BEAM	0	1	6	0	176
303 BEAM	0	1	6	0	177
304 BEAM	0	1	6	0	178
305 BEAM	0	1	6	0	179
306 BEAM	0	1	6	0	180
307 BEAM	0	1	6	0	181
308 BEAM	0	1	6	0	182
309 BEAM	0	1	6	0	183
310 BEAM	0	1	6	0	184
311 BEAM	0	1	6	0	185
312 BEAM	0	1	6	0	186
313 BEAM	0	1	6	0	187
314 BEAM	0	1	6	0	188
315 BEAM	0	1	6	0	189
316 BEAM	0	1	6	0	190
317 BEAM	0	1	6	0	191
318 BEAM	0	1	6	0	192
319 BEAM	0	1	6	0	193

Node2	Node3	Node4	Node5	Node6	Node7	Node8	Kind	Hook/Gap
66	0	0	0	0	0	0	0 Lu	0
2	67	66	0	0	0	0	0 Lu	0
4	69	68	0	0	0	0	0 Lu	0
69	0	0	0	0	0	0	0 Lu	0
5	70	69	0	0	0	0	0 Lu	0
70	0	0	0	0	0	0	0 Lu	0
1	66	79	0	0	0	0	0 Lu	0
5	70	80	0	0	0	0	0 Lu	0
71	0	0	0	0	0	0	0 Lu	0
7	72	71	0	0	0	0	0 Lu	0
9	74	73	0	0	0	0	0 Lu	0
74	0	0	0	0	0	0	0 Lu	0
10	75	74	0	0	0	0	0 Lu	0
12	77	76	0	0	0	0	0 Lu	0
14	79	78	0	0	0	0	0 Lu	0
79	0	0	0	0	0	0	0 Lu	0
80	0	0	0	0	0	0	0 Lu	0
16	81	80	0	0	0	0	0 Lu	0
18	83	82	0	0	0	0	0 Lu	0
20	85	84	0	0	0	0	0 Lu	0
85	0	0	0	0	0	0	0 Lu	0
21	86	85	0	0	0	0	0 Lu	0
23	88	87	0	0	0	0	0 Lu	0
88	0	0	0	0	0	0	0 Lu	0
14	79	91	0	0	0	0	0 Lu	0
6	71	95	0	0	0	0	0 Lu	0
23	88	96	0	0	0	0	0 Lu	0
24	89	92	0	0	0	0	0 Lu	0
25	90	93	0	0	0	0	0 Lu	0
27	92	91	0	0	0	0	0 Lu	0
94	0	0	0	0	0	0	0 Lu	0
30	95	94	0	0	0	0	0 Lu	0
95	0	0	0	0	0	0	0 Lu	0
96	0	0	0	0	0	0	0 Lu	0
32	97	96	0	0	0	0	0 Lu	0
97	0	0	0	0	0	0	0 Lu	0
29	94	98	0	0	0	0	0 Lu	0
32	97	109	0	0	0	0	0 Lu	0
99	0	0	0	0	0	0	0 Lu	0
100	0	0	0	0	0	0	0 Lu	0
36	101	100	0	0	0	0	0 Lu	0
38	103	102	0	0	0	0	0 Lu	0
103	0	0	0	0	0	0	0 Lu	0
39	104	103	0	0	0	0	0 Lu	0
104	0	0	0	0	0	0	0 Lu	0
40	105	104	0	0	0	0	0 Lu	0
105	0	0	0	0	0	0	0 Lu	0
42	107	106	0	0	0	0	0 Lu	0
107	0	0	0	0	0	0	0 Lu	0

108	0	0	0	0	0	0 Lu	0
33	98	110	0	0	0	0 Lu	0
35	100	117	0	0	0	0 Lu	0
39	104	120	0	0	0	0 Lu	0
42	107	123	0	0	0	0 Lu	0
44	109	130	0	0	0	0 Lu	0
110	0	0	0	0	0	0 Lu	0
46	111	110	0	0	0	0 Lu	0
48	113	112	0	0	0	0 Lu	0
114	0	0	0	0	0	0 Lu	0
50	115	114	0	0	0	0 Lu	0
52	117	116	0	0	0	0 Lu	0
117	0	0	0	0	0	0 Lu	0
53	118	117	0	0	0	0 Lu	0
55	120	119	0	0	0	0 Lu	0
120	0	0	0	0	0	0 Lu	0
56	121	120	0	0	0	0 Lu	0
58	123	122	0	0	0	0 Lu	0
123	0	0	0	0	0	0 Lu	0
59	124	123	0	0	0	0 Lu	0
61	126	125	0	0	0	0 Lu	0
126	0	0	0	0	0	0 Lu	0
63	128	127	0	0	0	0 Lu	0
65	130	129	0	0	0	0 Lu	0
130	0	0	0	0	0	0 Lu	0
67	0	0	0	0	0	0 Lu	0
68	0	0	0	0	0	0 Lu	0
69	0	0	0	0	0	0 Lu	0
70	0	0	0	0	0	0 Lu	0
66	0	0	0	0	0	0 Lu	0
80	0	0	0	0	0	0 Lu	0
72	0	0	0	0	0	0 Lu	0
73	0	0	0	0	0	0 Lu	0
74	0	0	0	0	0	0 Lu	0
75	0	0	0	0	0	0 Lu	0
76	0	0	0	0	0	0 Lu	0
77	0	0	0	0	0	0 Lu	0
78	0	0	0	0	0	0 Lu	0
79	0	0	0	0	0	0 Lu	0
81	0	0	0	0	0	0 Lu	0
82	0	0	0	0	0	0 Lu	0
83	0	0	0	0	0	0 Lu	0
84	0	0	0	0	0	0 Lu	0
85	0	0	0	0	0	0 Lu	0
86	0	0	0	0	0	0 Lu	0
87	0	0	0	0	0	0 Lu	0
88	0	0	0	0	0	0 Lu	0
69	70	80	0	0	0	0 Lu	0
69	0	0	0	0	0	0 Lu	0
91	0	0	0	0	0	0 Lu	0

95	0	0	0	0	0	0 Lu	0
96	0	0	0	0	0	0 Lu	0
99	74	71	0	0	0	0 Lu	0
85	88	96	0	0	0	0 Lu	0
99	0	0	0	0	0	0 Lu	0
99	103	79	0	0	0	0 Lu	0
80	85	108	0	0	0	0 Lu	0
108	0	0	0	0	0	0 Lu	0
90	0	0	0	0	0	0 Lu	0
89	90	93	0	0	0	0 Lu	0
93	0	0	0	0	0	0 Lu	0
93	0	0	0	0	0	0 Lu	0
94	0	0	0	0	0	0 Lu	0
97	0	0	0	0	0	0 Lu	0
103	0	0	0	0	0	0 Lu	0
91	93	105	0	0	0	0 Lu	0
93	0	0	0	0	0	0 Lu	0
98	0	0	0	0	0	0 Lu	0
95	99	98	0	0	0	0 Lu	0
96	97	109	0	0	0	0 Lu	0
109	0	0	0	0	0	0 Lu	0
98	0	0	0	0	0	0 Lu	0
100	0	0	0	0	0	0 Lu	0
101	0	0	0	0	0	0 Lu	0
102	0	0	0	0	0	0 Lu	0
103	0	0	0	0	0	0 Lu	0
104	0	0	0	0	0	0 Lu	0
105	0	0	0	0	0	0 Lu	0
106	0	0	0	0	0	0 Lu	0
107	0	0	0	0	0	0 Lu	0
108	0	0	0	0	0	0 Lu	0
109	0	0	0	0	0	0 Lu	0
110	0	0	0	0	0	0 Lu	0
99	114	110	0	0	0	0 Lu	0
114	0	0	0	0	0	0 Lu	0
100	117	114	0	0	0	0 Lu	0
117	0	0	0	0	0	0 Lu	0
104	120	117	0	0	0	0 Lu	0
120	0	0	0	0	0	0 Lu	0
107	123	120	0	0	0	0 Lu	0
123	0	0	0	0	0	0 Lu	0
108	126	123	0	0	0	0 Lu	0
126	0	0	0	0	0	0 Lu	0
109	130	126	0	0	0	0 Lu	0
130	0	0	0	0	0	0 Lu	0
111	0	0	0	0	0	0 Lu	0
112	0	0	0	0	0	0 Lu	0
113	0	0	0	0	0	0 Lu	0
114	0	0	0	0	0	0 Lu	0
115	0	0	0	0	0	0 Lu	0

116	0	0	0	0	0	0 Lu	0
117	0	0	0	0	0	0 Lu	0
118	0	0	0	0	0	0 Lu	0
119	0	0	0	0	0	0 Lu	0
120	0	0	0	0	0	0 Lu	0
121	0	0	0	0	0	0 Lu	0
122	0	0	0	0	0	0 Lu	0
123	0	0	0	0	0	0 Lu	0
124	0	0	0	0	0	0 Lu	0
125	0	0	0	0	0	0 Lu	0
126	0	0	0	0	0	0 Lu	0
127	0	0	0	0	0	0 Lu	0
128	0	0	0	0	0	0 Lu	0
129	0	0	0	0	0	0 Lu	0
130	0	0	0	0	0	0 Lu	0
131	0	0	0	0	0	0 Lu	0
67	132	131	0	0	0	0 Lu	0
69	134	133	0	0	0	0 Lu	0
134	0	0	0	0	0	0 Lu	0
70	135	134	0	0	0	0 Lu	0
135	0	0	0	0	0	0 Lu	0
66	131	144	0	0	0	0 Lu	0
70	135	145	0	0	0	0 Lu	0
136	0	0	0	0	0	0 Lu	0
72	137	136	0	0	0	0 Lu	0
74	139	138	0	0	0	0 Lu	0
139	0	0	0	0	0	0 Lu	0
75	140	139	0	0	0	0 Lu	0
77	142	141	0	0	0	0 Lu	0
79	144	143	0	0	0	0 Lu	0
144	0	0	0	0	0	0 Lu	0
145	0	0	0	0	0	0 Lu	0
81	146	145	0	0	0	0 Lu	0
83	148	147	0	0	0	0 Lu	0
85	150	149	0	0	0	0 Lu	0
150	0	0	0	0	0	0 Lu	0
86	151	150	0	0	0	0 Lu	0
88	153	152	0	0	0	0 Lu	0
153	0	0	0	0	0	0 Lu	0
79	144	155	0	0	0	0 Lu	0
71	136	159	0	0	0	0 Lu	0
88	153	160	0	0	0	0 Lu	0
90	154	157	0	0	0	0 Lu	0
92	156	155	0	0	0	0 Lu	0
158	0	0	0	0	0	0 Lu	0
95	159	158	0	0	0	0 Lu	0
159	0	0	0	0	0	0 Lu	0
160	0	0	0	0	0	0 Lu	0
97	161	160	0	0	0	0 Lu	0
161	0	0	0	0	0	0 Lu	0

94	158	162	0	0	0	0 Lu	0
97	161	173	0	0	0	0 Lu	0
163	0	0	0	0	0	0 Lu	0
164	0	0	0	0	0	0 Lu	0
167	0	0	0	0	0	0 Lu	0
168	0	0	0	0	0	0 Lu	0
169	0	0	0	0	0	0 Lu	0
171	0	0	0	0	0	0 Lu	0
172	0	0	0	0	0	0 Lu	0
98	162	174	0	0	0	0 Lu	0
100	164	181	0	0	0	0 Lu	0
104	168	184	0	0	0	0 Lu	0
107	171	187	0	0	0	0 Lu	0
109	173	194	0	0	0	0 Lu	0
174	0	0	0	0	0	0 Lu	0
111	175	174	0	0	0	0 Lu	0
113	177	176	0	0	0	0 Lu	0
178	0	0	0	0	0	0 Lu	0
115	179	178	0	0	0	0 Lu	0
117	181	180	0	0	0	0 Lu	0
181	0	0	0	0	0	0 Lu	0
118	182	181	0	0	0	0 Lu	0
120	184	183	0	0	0	0 Lu	0
184	0	0	0	0	0	0 Lu	0
121	185	184	0	0	0	0 Lu	0
123	187	186	0	0	0	0 Lu	0
187	0	0	0	0	0	0 Lu	0
124	188	187	0	0	0	0 Lu	0
126	190	189	0	0	0	0 Lu	0
190	0	0	0	0	0	0 Lu	0
128	192	191	0	0	0	0 Lu	0
130	194	193	0	0	0	0 Lu	0
194	0	0	0	0	0	0 Lu	0
132	0	0	0	0	0	0 Lu	0
133	0	0	0	0	0	0 Lu	0
134	0	0	0	0	0	0 Lu	0
135	0	0	0	0	0	0 Lu	0
131	0	0	0	0	0	0 Lu	0
145	0	0	0	0	0	0 Lu	0
137	0	0	0	0	0	0 Lu	0
138	0	0	0	0	0	0 Lu	0
139	0	0	0	0	0	0 Lu	0
140	0	0	0	0	0	0 Lu	0
141	0	0	0	0	0	0 Lu	0
142	0	0	0	0	0	0 Lu	0
143	0	0	0	0	0	0 Lu	0
144	0	0	0	0	0	0 Lu	0
146	0	0	0	0	0	0 Lu	0
147	0	0	0	0	0	0 Lu	0
148	0	0	0	0	0	0 Lu	0

149	0	0	0	0	0	0 Lu	0
150	0	0	0	0	0	0 Lu	0
151	0	0	0	0	0	0 Lu	0
152	0	0	0	0	0	0 Lu	0
153	0	0	0	0	0	0 Lu	0
134	135	145	0	0	0	0 Lu	0
134	0	0	0	0	0	0 Lu	0
155	0	0	0	0	0	0 Lu	0
131	134	169	0	0	0	0 Lu	0
159	0	0	0	0	0	0 Lu	0
160	0	0	0	0	0	0 Lu	0
136	139	163	0	0	0	0 Lu	0
150	153	160	0	0	0	0 Lu	0
163	0	0	0	0	0	0 Lu	0
139	144	167	0	0	0	0 Lu	0
145	150	172	0	0	0	0 Lu	0
172	0	0	0	0	0	0 Lu	0
157	0	0	0	0	0	0 Lu	0
158	0	0	0	0	0	0 Lu	0
161	0	0	0	0	0	0 Lu	0
167	0	0	0	0	0	0 Lu	0
157	0	0	0	0	0	0 Lu	0
162	0	0	0	0	0	0 Lu	0
158	159	163	0	0	0	0 Lu	0
160	161	173	0	0	0	0 Lu	0
173	0	0	0	0	0	0 Lu	0
162	0	0	0	0	0	0 Lu	0
164	0	0	0	0	0	0 Lu	0
165	0	0	0	0	0	0 Lu	0
166	0	0	0	0	0	0 Lu	0
167	0	0	0	0	0	0 Lu	0
168	0	0	0	0	0	0 Lu	0
169	0	0	0	0	0	0 Lu	0
170	0	0	0	0	0	0 Lu	0
171	0	0	0	0	0	0 Lu	0
172	0	0	0	0	0	0 Lu	0
173	0	0	0	0	0	0 Lu	0
174	0	0	0	0	0	0 Lu	0
163	178	174	0	0	0	0 Lu	0
178	0	0	0	0	0	0 Lu	0
164	181	178	0	0	0	0 Lu	0
181	0	0	0	0	0	0 Lu	0
168	184	181	0	0	0	0 Lu	0
184	0	0	0	0	0	0 Lu	0
171	187	184	0	0	0	0 Lu	0
187	0	0	0	0	0	0 Lu	0
172	190	187	0	0	0	0 Lu	0
190	0	0	0	0	0	0 Lu	0
173	194	190	0	0	0	0 Lu	0
194	0	0	0	0	0	0 Lu	0

175	0	0	0	0	0	0 Lu	0
176	0	0	0	0	0	0 Lu	0
177	0	0	0	0	0	0 Lu	0
178	0	0	0	0	0	0 Lu	0
179	0	0	0	0	0	0 Lu	0
180	0	0	0	0	0	0 Lu	0
181	0	0	0	0	0	0 Lu	0
182	0	0	0	0	0	0 Lu	0
183	0	0	0	0	0	0 Lu	0
184	0	0	0	0	0	0 Lu	0
185	0	0	0	0	0	0 Lu	0
186	0	0	0	0	0	0 Lu	0
187	0	0	0	0	0	0 Lu	0
188	0	0	0	0	0	0 Lu	0
189	0	0	0	0	0	0 Lu	0
190	0	0	0	0	0	0 Lu	0
191	0	0	0	0	0	0 Lu	0
192	0	0	0	0	0	0 Lu	0
193	0	0	0	0	0	0 Lu	0
194	0	0	0	0	0	0 Lu	0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Beam Force

	Elem	Load	Part	Axial (kN)	Shear-y (kN)	Shear-z (kN)	Torsion (kN*m)	Moment-y (kN*m)	Moment-z (kN*m)
	1	Combostatica	I[1]	-19.14	-0.01	0.01	0	4.14	4.11
	1	Combostatica	J[66]	-14.77	-0.01	0.01	0	4.1	4.16
	4	Combostatica	I[4]	-18.57	0	0	0	4.12	4.13
	4	Combostatica	J[69]	-14.2	0	0	0	4.13	4.13
	6	Combostatica	I[5]	-18.82	0	0	0	4.12	4.13
	6	Combostatica	J[70]	-14.45	0	0	0	4.13	4.13
	9	Combostatica	I[6]	-19.88	0	0	0	4.13	4.13
	9	Combostatica	J[71]	-15.51	0	0	0	4.13	4.13
	12	Combostatica	I[9]	-39.07	0	-0.01	0	16.49	8.25
	12	Combostatica	J[74]	-30.33	0	-0.01	0	16.51	8.25
	16	Combostatica	I[14]	-18.43	0	0	0	4.13	4.13
	16	Combostatica	J[79]	-14.06	0	0	0	4.13	4.13
	17	Combostatica	I[15]	-19.13	0	0	0	4.12	4.13
	17	Combostatica	J[80]	-14.76	0	0	0	4.13	4.13
	21	Combostatica	I[20]	-39.46	0	-0.01	0	16.48	8.25
	21	Combostatica	J[85]	-30.73	0	-0.01	0	16.53	8.25
	24	Combostatica	I[23]	-19.99	0	0	0	4.12	4.13
	24	Combostatica	J[88]	-15.62	0	0	0	4.13	4.13
	31	Combostatica	I[29]	-21.38	0	0	0	4.13	4.13
	31	Combostatica	J[94]	-17.02	0	0	0	4.13	4.13
	33	Combostatica	I[30]	-21.27	0	0	0	4.13	4.13
	33	Combostatica	J[95]	-16.9	0	0	0	4.13	4.13
	34	Combostatica	I[31]	-21.28	0	0	0	4.12	4.13
	34	Combostatica	J[96]	-16.91	0	0	0	4.13	4.12
	36	Combostatica	I[32]	-21.36	0	0	0	4.12	4.13
	36	Combostatica	J[97]	-16.99	0	0	0	4.13	4.12
	39	Combostatica	I[34]	-63.71	0	-0.01	0	24.74	18.56
	39	Combostatica	J[99]	-50.6	0	-0.01	0	24.77	18.56
	40	Combostatica	I[35]	-20.99	0	0	0	4.12	4.13
	40	Combostatica	J[100]	-16.63	0	0	0	4.13	4.13
	43	Combostatica	I[38]	-20.13	0	0	0	4.13	4.13
	43	Combostatica	J[103]	-15.76	0	0	0	4.13	4.13
	45	Combostatica	I[39]	-20.88	0	0	0	4.12	4.13
	45	Combostatica	J[104]	-16.52	0	0	0	4.13	4.13
	47	Combostatica	I[40]	-20.37	0	0	0	4.12	4.13
	47	Combostatica	J[105]	-16	0	0	0	4.13	4.13
	49	Combostatica	I[42]	-21.06	0	0	0	4.12	4.13
	49	Combostatica	J[107]	-16.7	0	0	0	4.13	4.13
	50	Combostatica	I[43]	-63.86	0	-0.02	0	24.73	18.57
	50	Combostatica	J[108]	-50.76	0	-0.02	0	24.79	18.56
	56	Combostatica	I[45]	-22.9	0	0	0	4.13	4.13
	56	Combostatica	J[110]	-18.53	0	0	0	4.13	4.13
	59	Combostatica	I[49]	-45.16	0	-0.01	0	16.5	8.25
	59	Combostatica	J[114]	-36.42	0	-0.01	0	16.51	8.25
	62	Combostatica	I[52]	-22.35	0	0	0	4.13	4.13
	62	Combostatica	J[117]	-17.98	0	0	0	4.13	4.13
	65	Combostatica	I[55]	-22.24	0	0	0	4.12	4.13
	65	Combostatica	J[120]	-17.88	0	0	0	4.13	4.13
	68	Combostatica	I[58]	-22.36	0	0	0	4.12	4.13
	68	Combostatica	J[123]	-17.99	0	0	0	4.13	4.13
	71	Combostatica	I[61]	-45.08	0	-0.01	0	16.49	8.25
	71	Combostatica	J[126]	-36.35	0	-0.01	0	16.52	8.25
	74	Combostatica	I[65]	-22.78	0	0	0	4.12	4.13
	74	Combostatica	J[130]	-18.41	0	0	0	4.13	4.12
	75	Combostatica	I[66]	0	0	-9.84	-0.1	57.58	45.39
	75	Combostatica	J[67]	0	0	9.15	-0.1	58.5	45.39
	76	Combostatica	I[67]	0	0	-8.95	-0.1	57.98	45.39

	76	Combostatica	J[68]	0	0	2.13	-0.1	63.27	45.39
	77	Combostatica	I[68]	0	0	-2.55	-0.1	62.12	45.39
	77	Combostatica	J[69]	0	0	2.99	-0.1	61.95	45.39
	78	Combostatica	I[69]	0	0	-29.25	0	53.25	45.39
	78	Combostatica	J[70]	0	0	29.26	0	53.24	45.39
	79	Combostatica	I[79]	0	0	-3.86	0.35	61.03	45.39
	79	Combostatica	J[66]	0	0	5.13	0.35	60.23	45.39
	80	Combostatica	I[70]	0	0	-4.5	0	61.47	45.39
	80	Combostatica	J[80]	0	0	4.49	0	61.47	45.39
	81	Combostatica	I[71]	0	0	-5.46	0	61.13	45.39
	81	Combostatica	J[72]	0	0	5.8	0	60.86	45.39
	82	Combostatica	I[72]	0	0	-5.04	-0.01	61.01	45.39
	82	Combostatica	J[73]	0	0	2.47	-0.01	62.36	45.39
	83	Combostatica	I[73]	0	0	-1.57	0.01	62.28	45.39
	83	Combostatica	J[74]	0	0	1.76	0.01	62.24	45.39
	84	Combostatica	I[74]	0	0	-8.06	0	59.8	45.39
	84	Combostatica	J[75]	0	0	6.26	0	60.21	45.39
	85	Combostatica	I[75]	0	0	-40.15	0	46.78	45.39
	85	Combostatica	J[76]	0	0	-7.48	0	71.79	45.39
	86	Combostatica	I[76]	0	0	-13.14	0	60.73	45.39
	86	Combostatica	J[77]	0	0	15.58	0	59.6	45.39
	87	Combostatica	I[77]	0	0	-41.94	0	45.45	45.39
	87	Combostatica	J[78]	0	0	46.73	0	38.61	45.39
	88	Combostatica	I[78]	0	0	-42.95	0	42.61	45.39
	88	Combostatica	J[79]	0	0	43.82	0	41.39	45.39
	89	Combostatica	I[80]	0	0	-9.58	0	59.35	45.39
	89	Combostatica	J[81]	0	0	7.78	0	59.85	45.39
	90	Combostatica	I[81]	0	0	-47.25	0	38.07	45.39
	90	Combostatica	J[82]	0	0	41.42	0	46.36	45.39
	91	Combostatica	I[82]	0	0	-15.51	0	59.64	45.39
	91	Combostatica	J[83]	0	0	13.21	0	60.7	45.39
	92	Combostatica	I[83]	0	0	6.47	0	71.15	45.39
	92	Combostatica	J[84]	0	0	39.14	0	47.2	45.39
	93	Combostatica	I[84]	0	0	-0.73	0	60.63	45.39
	93	Combostatica	J[85]	0	0	2.56	0	60.2	45.39
	94	Combostatica	I[85]	0	0	-1.4	0	62.42	45.39
	94	Combostatica	J[86]	0	0	1.94	0	62.29	45.39
	95	Combostatica	I[86]	0	0	-3.28	0	61.93	45.39
	95	Combostatica	J[87]	0	0	4.23	0	61.43	45.39
	96	Combostatica	I[87]	0	0	-5.72	0	60.91	45.39
	96	Combostatica	J[88]	0	0	5.55	0	61.04	45.39
	98	Combostatica	I[90]	0	0	-4.91	0	5.47	11.14
	98	Combostatica	J[69]	0	0	4.91	0	5.48	11.14
	99	Combostatica	I[79]	0	0	-4.86	0	5.56	11.14
	99	Combostatica	J[91]	0	0	4.86	0	5.55	11.14
	100	Combostatica	I[71]	0	0	-51.04	0	20.73	45.39
	100	Combostatica	J[95]	0	0	51.04	0	20.73	45.39
	101	Combostatica	I[88]	0	0	-49.82	0	21.73	45.39
	101	Combostatica	J[96]	0	0	49.82	0	21.73	45.39
	104	Combostatica	I[74]	0	0	-47.68	0	-33.21	19.81
	104	Combostatica	J[99]	0	0	47.68	0	-33.21	19.81
	107	Combostatica	I[85]	0	0	-46.27	0	-31.88	19.81
	107	Combostatica	J[108]	0	0	46.27	0	-31.88	19.81
	108	Combostatica	I[89]	0	0	-2.96	0	7.66	11.14
	108	Combostatica	J[90]	0	0	2.96	0	7.66	11.14
	110	Combostatica	I[90]	0	0	-1.41	0	8.63	11.14
	110	Combostatica	J[93]	0	0	1.41	0	8.63	11.14
	111	Combostatica	I[92]	0	0	-6.02	0	6.37	11.14
	111	Combostatica	J[93]	0	0	6.02	0	6.38	11.14
	112	Combostatica	I[95]	0	0	-5.36	0	61.08	45.39
	112	Combostatica	J[94]	0	0	5.37	0	61.07	45.39
	113	Combostatica	I[96]	0	0	-5.36	0	61.08	45.39
	113	Combostatica	J[97]	0	0	5.37	0	61.07	45.39
	114	Combostatica	I[91]	0	0	-1.78	0	8.46	11.14
	114	Combostatica	J[103]	0	0	1.78	0	8.46	11.14
	116	Combostatica	I[105]	0	0	-1.78	0	8.46	11.14
	116	Combostatica	J[93]	0	0	1.78	0	8.46	11.14
	117	Combostatica	I[94]	0	0	-2.77	0	62.06	45.39
	117	Combostatica	J[98]	0	0	2.77	0	62.06	45.39
	120	Combostatica	I[97]	0	0	-2.77	0	62.06	45.39

	120	Combostatica	J[109]	0	0	2.77	0	62.06	45.39
	121	Combostatica	I[99]	0	0	-51.35	0	-27.42	19.81
	121	Combostatica	J[98]	0	0	51.35	0	-27.42	19.81
	122	Combostatica	I[99]	0	0	-60.08	0	-32.55	19.81
	122	Combostatica	J[100]	0	0	60.08	0	-32.55	19.81
	123	Combostatica	I[100]	0	0	-11.26	0	10.27	19.81
	123	Combostatica	J[101]	0	0	11.21	0	10.29	19.81
	124	Combostatica	I[101]	0	0	-27.06	0	2.92	19.81
	124	Combostatica	J[102]	0	0	27.1	0	2.89	19.81
	125	Combostatica	I[102]	0	0	-10.83	0	10.39	19.81
	125	Combostatica	J[103]	0	0	10.97	0	10.33	19.81
	126	Combostatica	I[103]	0	0	-6.44	0	9.38	19.81
	126	Combostatica	J[104]	0	0	6.37	0	9.45	19.81
	127	Combostatica	I[104]	0	0	-7.36	0	8.63	19.81
	127	Combostatica	J[105]	0	0	7.39	0	8.59	19.81
	128	Combostatica	I[105]	0	0	-34.17	0	-2.5	19.81
	128	Combostatica	J[106]	0	0	33.93	0	-2.2	19.81
	129	Combostatica	I[106]	0	0	-10.3	0	10.48	19.81
	129	Combostatica	J[107]	0	0	10.55	0	10.39	19.81
	130	Combostatica	I[107]	0	0	-60.08	0	-32.55	19.81
	130	Combostatica	J[108]	0	0	60.08	0	-32.55	19.81
	131	Combostatica	I[108]	0	0	-50.76	0	-26.97	19.81
	131	Combostatica	J[109]	0	0	50.76	0	-26.97	19.81
	132	Combostatica	I[98]	0	0	-16.04	0	50.42	45.39
	132	Combostatica	J[110]	0	0	16.04	0	50.42	45.39
	134	Combostatica	I[99]	0	0	-49.21	0	-24.91	19.81
	134	Combostatica	J[114]	0	0	49.21	0	-24.91	19.81
	136	Combostatica	I[100]	0	0	-116.18	0	-24.45	45.39
	136	Combostatica	J[117]	0	0	116.18	0	-24.45	45.39
	138	Combostatica	I[104]	0	0	-126.35	0	-32.06	45.39
	138	Combostatica	J[120]	0	0	126.35	0	-32.06	45.39
	140	Combostatica	I[107]	0	0	-116.05	0	-24.35	45.39
	140	Combostatica	J[123]	0	0	116.05	0	-24.35	45.39
	142	Combostatica	I[108]	0	0	-49.21	0	-24.91	19.81
	142	Combostatica	J[126]	0	0	49.21	0	-24.91	19.81
	144	Combostatica	I[109]	0	0	-16.04	0	50.42	45.39
	144	Combostatica	J[130]	0	0	16.04	0	50.42	45.39
	145	Combostatica	I[110]	0	0	-11.07	0	60.26	45.39
	145	Combostatica	J[111]	0	0	10.05	0	60.67	45.39
	146	Combostatica	I[111]	0	0	-29.51	0	50.85	45.39
	146	Combostatica	J[112]	0	0	21.95	0	58.22	45.39
	147	Combostatica	I[112]	0	0	-10.5	0	61.01	45.39
	147	Combostatica	J[113]	0	0	9.46	0	61.4	45.39
	148	Combostatica	I[113]	0	0	-1.61	0	66.23	45.39
	148	Combostatica	J[114]	0	0	27.07	0	52.39	45.39
	149	Combostatica	I[114]	0	0	-7.64	0	59.86	45.39
	149	Combostatica	J[115]	0	0	8.04	0	59.43	45.39
	150	Combostatica	I[115]	0	0	-6.14	0	60.24	45.39
	150	Combostatica	J[116]	0	0	1.37	0	62.74	45.39
	151	Combostatica	I[116]	0	0	-4.4	0	61.55	45.39
	151	Combostatica	J[117]	0	0	4.14	0	61.7	45.39
	152	Combostatica	I[117]	0	0	-5.56	0	61.02	45.39
	152	Combostatica	J[118]	0	0	5.85	0	60.8	45.39
	153	Combostatica	I[118]	0	0	-10.29	0	57.44	45.39
	153	Combostatica	J[119]	0	0	10.09	0	57.72	45.39
	154	Combostatica	I[119]	0	0	-5.4	0	61.02	45.39
	154	Combostatica	J[120]	0	0	5.35	0	61.05	45.39
	155	Combostatica	I[120]	0	0	-5.61	-0.01	61	45.39
	155	Combostatica	J[121]	0	0	5.89	-0.01	60.77	45.39
	156	Combostatica	I[121]	0	0	-10.28	0.01	57.45	45.39
	156	Combostatica	J[122]	0	0	10.1	0.01	57.71	45.39
	157	Combostatica	I[122]	0	0	-5.36	0	61.03	45.39
	157	Combostatica	J[123]	0	0	5.29	0	61.09	45.39
	158	Combostatica	I[123]	0	0	-4.01	0	61.82	45.39
	158	Combostatica	J[124]	0	0	4.53	0	61.51	45.39
	159	Combostatica	I[124]	0	0	-2.49	-0.01	62.16	45.39
	159	Combostatica	J[125]	0	0	5.02	-0.01	60.83	45.39
	160	Combostatica	I[125]	0	0	-7.98	0.01	59.47	45.39
	160	Combostatica	J[126]	0	0	7.69	0.01	59.78	45.39
	161	Combostatica	I[126]	0	0	-27.27	0	52.36	45.39

	161	Combostatica	J[127]	0	0	1.13	0	66.56	45.39
	162	Combostatica	I[127]	0	0	-9.31	0	61.43	45.39
	162	Combostatica	J[128]	0	0	10.45	0	61	45.39
	163	Combostatica	I[128]	0	0	-22.12	0	57.85	45.39
	163	Combostatica	J[129]	0	0	28.85	0	51.29	45.39
	164	Combostatica	I[129]	0	0	-9.75	0	60.71	45.39
	164	Combostatica	J[130]	0	0	11.16	0	60.15	45.39
	165	Combostatica	I[66]	-11.01	-0.01	0.01	0	4.15	4.1
	165	Combostatica	J[131]	-6.47	-0.01	0.01	0	4.12	4.14
	168	Combostatica	I[69]	-11.57	0	0	0	4.12	4.13
	168	Combostatica	J[134]	-7.03	0	0	0	4.13	4.12
	170	Combostatica	I[70]	-11.34	0	0	0	4.12	4.13
	170	Combostatica	J[135]	-6.8	0	0	0	4.13	4.12
	173	Combostatica	I[71]	-10.91	0	0	0	4.12	4.13
	173	Combostatica	J[136]	-6.37	0	0	0	4.13	4.12
	176	Combostatica	I[74]	-22.57	0	-0.02	0	16.48	8.26
	176	Combostatica	J[139]	-13.49	0	-0.02	0	16.54	8.25
	180	Combostatica	I[79]	-12.35	0	0	0	4.12	4.13
	180	Combostatica	J[144]	-7.82	0	0	0	4.13	4.12
	181	Combostatica	I[80]	-11.63	0	0	0	4.12	4.13
	181	Combostatica	J[145]	-7.09	0	0	0	4.13	4.12
	185	Combostatica	I[85]	-21.94	0	-0.02	0	16.46	8.26
	185	Combostatica	J[150]	-12.87	0	-0.02	0	16.54	8.25
	188	Combostatica	I[88]	-10.63	0	0	0	4.12	4.13
	188	Combostatica	J[153]	-6.1	0	0	0	4.13	4.12
	194	Combostatica	I[94]	-11.53	0	0	0	4.12	4.13
	194	Combostatica	J[158]	-6.99	0	0	0	4.13	4.13
	196	Combostatica	I[95]	-11.68	0	0	0	4.12	4.13
	196	Combostatica	J[159]	-7.14	0	0	0	4.13	4.12
	197	Combostatica	I[96]	-11.53	0	0	0	4.12	4.13
	197	Combostatica	J[160]	-6.99	0	0	0	4.13	4.12
	199	Combostatica	I[97]	-11.38	0	0	0	4.12	4.13
	199	Combostatica	J[161]	-6.84	0	0	0	4.13	4.12
	202	Combostatica	I[99]	-36.42	0.01	-0.02	0	24.72	18.58
	202	Combostatica	J[163]	-22.81	0.01	-0.02	0	24.81	18.56
	203	Combostatica	I[100]	-12.51	0	0	0	4.12	4.13
	203	Combostatica	J[164]	-7.97	0	0	0	4.13	4.12
	204	Combostatica	I[103]	-13.33	0	0	0	4.12	4.13
	204	Combostatica	J[167]	-8.8	0	0	0	4.13	4.12
	205	Combostatica	I[104]	-12.67	0	0	0	4.12	4.13
	205	Combostatica	J[168]	-8.13	0	0	0	4.13	4.12
	206	Combostatica	I[105]	-13.08	0	0	0	4.12	4.13
	206	Combostatica	J[169]	-8.55	0	0	0	4.13	4.12
	207	Combostatica	I[107]	-12.39	0	0	0	4.12	4.13
	207	Combostatica	J[171]	-7.85	0	0	0	4.13	4.12
	208	Combostatica	I[108]	-35.96	0.01	-0.03	0	24.71	18.59
	208	Combostatica	J[172]	-22.35	0.01	-0.03	0	24.81	18.55
	214	Combostatica	I[110]	-12.3	0	0	0	4.12	4.13
	214	Combostatica	J[174]	-7.76	0	0	0	4.13	4.13
	217	Combostatica	I[114]	-25.45	0	-0.02	0	16.48	8.26
	217	Combostatica	J[178]	-16.37	0	-0.02	0	16.54	8.25
	220	Combostatica	I[117]	-13.01	0	0	0	4.12	4.13
	220	Combostatica	J[181]	-8.47	0	0	0	4.13	4.12
	223	Combostatica	I[120]	-13.14	0	0	0	4.12	4.13
	223	Combostatica	J[184]	-8.6	0	0	0	4.13	4.12
	226	Combostatica	I[123]	-12.96	0	0	0	4.12	4.13
	226	Combostatica	J[187]	-8.43	0	0	0	4.13	4.12
	229	Combostatica	I[126]	-25.34	0	-0.02	0	16.48	8.26
	229	Combostatica	J[190]	-16.27	0	-0.02	0	16.53	8.25
	232	Combostatica	I[130]	-12.26	0	0	0	4.12	4.13
	232	Combostatica	J[194]	-7.73	0	0	0	4.13	4.12
	233	Combostatica	I[131]	0	0	-9.24	0	58.69	45.39
	233	Combostatica	J[132]	0	0	9.75	0	58.01	45.39
	234	Combostatica	I[132]	0	0	-8.22	0	58.64	45.39
	234	Combostatica	J[133]	0	0	2.86	0	62.79	45.39
	235	Combostatica	I[133]	0	0	-2.82	0	62.11	45.39
	235	Combostatica	J[134]	0	0	2.72	0	62.15	45.39
	236	Combostatica	I[134]	0	0	-21.65	0	55.63	45.39
	236	Combostatica	J[135]	0	0	21.65	0	55.63	45.39
	237	Combostatica	I[144]	0	0	-4.36	0	61.57	45.39

	237	Combostatica	J[131]	0	0	4.63	0	61.4	45.39
	238	Combostatica	I[135]	0	0	-4.5	0	61.47	45.39
	238	Combostatica	J[145]	0	0	4.49	0	61.48	45.39
	239	Combostatica	I[136]	0	0	-5.36	0	61.25	45.39
	239	Combostatica	J[137]	0	0	5.91	0	60.81	45.39
	240	Combostatica	I[137]	0	0	-5.52	-0.01	60.67	45.39
	240	Combostatica	J[138]	0	0	1.98	-0.01	62.53	45.39
	241	Combostatica	I[138]	0	0	-1.65	0.01	62.33	45.39
	241	Combostatica	J[139]	0	0	1.68	0.01	62.32	45.39
	242	Combostatica	I[139]	0	0	-6.96	0	58.33	45.39
	242	Combostatica	J[140]	0	0	3.63	0	59.1	45.39
	243	Combostatica	I[140]	0	0	-35.92	0	47.16	45.39
	243	Combostatica	J[141]	0	0	-11.75	0	72.18	45.39
	244	Combostatica	I[141]	0	0	-8.98	0	61.65	45.39
	244	Combostatica	J[142]	0	0	12.27	0	60.14	45.39
	245	Combostatica	I[142]	0	0	-28.93	0	53.35	45.39
	245	Combostatica	J[143]	0	0	36.69	0	42.3	45.39
	246	Combostatica	I[143]	0	0	-31.71	0	47.78	45.39
	246	Combostatica	J[144]	0	0	32.51	0	46.66	45.39
	247	Combostatica	I[145]	0	0	-7.63	0	58.5	45.39
	247	Combostatica	J[146]	0	0	5.22	0	59.17	45.39
	248	Combostatica	I[146]	0	0	-36.91	0	42.37	45.39
	248	Combostatica	J[147]	0	0	28.72	0	54.04	45.39
	249	Combostatica	I[147]	0	0	-12.18	0	60.19	45.39
	249	Combostatica	J[148]	0	0	9.07	0	61.62	45.39
	250	Combostatica	I[148]	0	0	11.33	0	71.84	45.39
	250	Combostatica	J[149]	0	0	35.5	0	47.25	45.39
	251	Combostatica	I[149]	0	0	0.16	0	59.33	45.39
	251	Combostatica	J[150]	0	0	3.46	0	58.49	45.39
	252	Combostatica	I[150]	0	0	-1.36	0	62.42	45.39
	252	Combostatica	J[151]	0	0	1.97	0	62.28	45.39
	253	Combostatica	I[151]	0	0	-3.12	0	62	45.39
	253	Combostatica	J[152]	0	0	4.39	0	61.33	45.39
	254	Combostatica	I[152]	0	0	-5.74	0	60.9	45.39
	254	Combostatica	J[153]	0	0	5.53	0	61.06	45.39
	256	Combostatica	I[154]	0	0	-5.75	0	8.95	12.13
	256	Combostatica	J[134]	0	0	5.71	0	9.04	12.13
	257	Combostatica	I[144]	0	0	-5.64	0	9.16	12.13
	257	Combostatica	J[155]	0	0	5.69	0	9.05	12.13
	259	Combostatica	I[136]	0	0	-39.7	0	29.99	45.39
	259	Combostatica	J[159]	0	0	39.7	0	29.99	45.39
	260	Combostatica	I[153]	0	0	-38.93	0	30.62	45.39
	260	Combostatica	J[160]	0	0	38.93	0	30.62	45.39
	263	Combostatica	I[139]	0	0	-36.02	0	-17.9	23.11
	263	Combostatica	J[163]	0	0	36.02	0	-17.9	23.11
	266	Combostatica	I[150]	0	0	-35.13	0	-17.05	23.11
	266	Combostatica	J[172]	0	0	35.13	0	-17.05	23.11
	267	Combostatica	I[154]	0	0	-1.67	0	12.65	12.13
	267	Combostatica	J[157]	0	0	1.63	0	12.67	12.13
	268	Combostatica	I[159]	0	0	-5.36	0	61.08	45.39
	268	Combostatica	J[158]	0	0	5.37	0	61.07	45.39
	269	Combostatica	I[160]	0	0	-5.36	0	61.08	45.39
	269	Combostatica	J[161]	0	0	5.37	0	61.07	45.39
	270	Combostatica	I[155]	0	0	-3.29	0.01	11.49	12.13
	270	Combostatica	J[167]	0	0	0.87	0.01	13.34	12.13
	271	Combostatica	I[169]	0	0	-1.16	0	13.15	12.13
	271	Combostatica	J[157]	0	0	3	0	11.75	12.13
	272	Combostatica	I[158]	0	0	-2.77	0	62.06	45.39
	272	Combostatica	J[162]	0	0	2.77	0	62.06	45.39
	275	Combostatica	I[161]	0	0	-2.77	0	62.06	45.39
	275	Combostatica	J[173]	0	0	2.77	0	62.06	45.39
	276	Combostatica	I[163]	0	0	-37.63	0	-12.63	23.11
	276	Combostatica	J[162]	0	0	37.63	0	-12.63	23.11
	277	Combostatica	I[163]	0	0	-43.3	0	-15.84	23.11
	277	Combostatica	J[164]	0	0	43.3	0	-15.84	23.11
	278	Combostatica	I[164]	0	0	-35.47	0	-5.31	23.11
	278	Combostatica	J[165]	0	0	-19.27	0	17.41	23.11
	279	Combostatica	I[165]	0	0	-19.27	0	17.41	23.11
	279	Combostatica	J[166]	0	0	19.76	0	16.92	23.11
	280	Combostatica	I[166]	0	0	19.76	0	16.92	23.11

	280	Combostatica	J[167]	0	0	35.47	0	-5.31	23.11
	281	Combostatica	I[167]	0	0	-7.66	0	13.22	23.11
	281	Combostatica	J[168]	0	0	7.65	0	13.23	23.11
	282	Combostatica	I[168]	0	0	-8.81	0	12.26	23.11
	282	Combostatica	J[169]	0	0	8.82	0	12.26	23.11
	283	Combostatica	I[169]	0	0	-32.05	0	-1.37	23.11
	283	Combostatica	J[170]	0	0	17.02	0	17.53	23.11
	284	Combostatica	I[170]	0	0	17.02	0	17.53	23.11
	284	Combostatica	J[171]	0	0	32.05	0	-1.37	23.11
	285	Combostatica	I[171]	0	0	-43.3	0	-15.84	23.11
	285	Combostatica	J[172]	0	0	43.3	0	-15.84	23.11
	286	Combostatica	I[172]	0	0	-37.22	0	-12.31	23.11
	286	Combostatica	J[173]	0	0	37.22	0	-12.31	23.11
	287	Combostatica	I[162]	0	0	-16.04	0	50.42	45.39
	287	Combostatica	J[174]	0	0	16.04	0	50.42	45.39
	289	Combostatica	I[163]	0	0	-36.11	0	-10.83	23.11
	289	Combostatica	J[178]	0	0	36.11	0	-10.83	23.11
	291	Combostatica	I[164]	0	0	-80.61	0	2.14	45.39
	291	Combostatica	J[181]	0	0	80.61	0	2.14	45.39
	293	Combostatica	I[168]	0	0	-105.16	0	-16.22	45.39
	293	Combostatica	J[184]	0	0	105.16	0	-16.22	45.39
	295	Combostatica	I[171]	0	0	-80.45	0	2.26	45.39
	295	Combostatica	J[187]	0	0	80.45	0	2.26	45.39
	297	Combostatica	I[172]	0	0	-36.11	0	-10.83	23.11
	297	Combostatica	J[190]	0	0	36.11	0	-10.83	23.11
	299	Combostatica	I[173]	0	0	-16.04	0	50.42	45.39
	299	Combostatica	J[194]	0	0	16.04	0	50.42	45.39
	300	Combostatica	I[174]	0	0	-8.68	0	60.2	45.39
	300	Combostatica	J[175]	0	0	7.24	0	60.78	45.39
	301	Combostatica	I[175]	0	0	-23.98	0	52.44	45.39
	301	Combostatica	J[176]	0	0	14.81	0	61.38	45.39
	302	Combostatica	I[176]	0	0	-8.17	0	61.43	45.39
	302	Combostatica	J[177]	0	0	6.88	0	61.91	45.39
	303	Combostatica	I[177]	0	0	2.35	0	66.67	45.39
	303	Combostatica	J[178]	0	0	23.97	0	52.37	45.39
	304	Combostatica	I[178]	0	0	-7.43	0	60.18	45.39
	304	Combostatica	J[179]	0	0	8.25	0	59.28	45.39
	305	Combostatica	I[179]	0	0	-7.36	0	59.24	45.39
	305	Combostatica	J[180]	0	0	0.14	0	63.03	45.39
	306	Combostatica	I[180]	0	0	-4.81	0	61.48	45.39
	306	Combostatica	J[181]	0	0	3.74	0	62.12	45.39
	307	Combostatica	I[181]	0	0	-5.28	0	61.32	45.39
	307	Combostatica	J[182]	0	0	6.13	0	60.63	45.39
	308	Combostatica	I[182]	0	0	-10.32	0	57.34	45.39
	308	Combostatica	J[183]	0	0	10.06	0	57.71	45.39
	309	Combostatica	I[183]	0	0	-5.68	0	60.87	45.39
	309	Combostatica	J[184]	0	0	5.08	0	61.32	45.39
	310	Combostatica	I[184]	0	0	-5.31	-0.01	61.31	45.39
	310	Combostatica	J[185]	0	0	6.2	-0.01	60.6	45.39
	311	Combostatica	I[185]	0	0	-10.35	0.01	57.29	45.39
	311	Combostatica	J[186]	0	0	10.03	0.01	57.76	45.39
	312	Combostatica	I[186]	0	0	-5.61	0	60.9	45.39
	312	Combostatica	J[187]	0	0	5.05	0	61.32	45.39
	313	Combostatica	I[187]	0	0	-3.59	0	62.22	45.39
	313	Combostatica	J[188]	0	0	4.95	0	61.42	45.39
	314	Combostatica	I[188]	0	0	-1.43	-0.01	62.38	45.39
	314	Combostatica	J[189]	0	0	6.08	-0.01	59.93	45.39
	315	Combostatica	I[189]	0	0	-8.18	0	59.34	45.39
	315	Combostatica	J[190]	0	0	7.5	0	60.08	45.39
	316	Combostatica	I[190]	0	0	-24.12	0	52.37	45.39
	316	Combostatica	J[191]	0	0	-2.69	0	66.93	45.39
	317	Combostatica	I[191]	0	0	-6.73	0	61.95	45.39
	317	Combostatica	J[192]	0	0	8.18	0	61.4	45.39
	318	Combostatica	I[192]	0	0	-15.05	0	61.01	45.39
	318	Combostatica	J[193]	0	0	23.4	0	52.86	45.39
	319	Combostatica	I[193]	0	0	-6.92	0	60.84	45.39
	319	Combostatica	J[194]	0	0	8.86	0	60.06	45.39
	1	Inv_sismica(all)	I[1]	-15.41	0.02	-0.02	0	-0.03	0.03
	1	Inv_sismica(all)	J[66]	-12.05	0.02	-0.02	0	0.02	-0.03
	4	Inv_sismica(all)	I[4]	-15.37	-0.02	-0.02	0	-0.04	-0.03

	4	Inv_sismica(all)	J[69]	-12.01	-0.02	-0.02	0	0.04	-0.03
	6	Inv_sismica(all)	I[5]	-15.62	-0.02	-0.02	0	-0.04	-0.03
	6	Inv_sismica(all)	J[70]	-12.26	-0.02	-0.02	0	0.04	-0.03
	9	Inv_sismica(all)	I[6]	-16.2	-0.02	-0.02	0	-0.04	-0.03
	9	Inv_sismica(all)	J[71]	-12.84	-0.02	-0.02	0	-0.04	-0.03
	12	Inv_sismica(all)	I[9]	-31.76	-0.04	-0.17	0	-0.29	-0.07
	12	Inv_sismica(all)	J[74]	-25.04	-0.04	-0.17	0	-0.29	-0.06
	16	Inv_sismica(all)	I[14]	-14.85	-0.02	0.02	0	-0.04	-0.03
	16	Inv_sismica(all)	J[79]	-11.49	-0.02	0.02	0	-0.04	-0.03
	17	Inv_sismica(all)	I[15]	-15.42	-0.02	-0.02	0	-0.04	-0.03
	17	Inv_sismica(all)	J[80]	-12.06	-0.02	-0.02	0	0.04	-0.03
	21	Inv_sismica(all)	I[20]	-32.14	0.04	-0.18	0	-0.3	-0.07
	21	Inv_sismica(all)	J[85]	-25.42	0.04	-0.18	0	0.3	-0.06
	24	Inv_sismica(all)	I[23]	-16.36	0.02	-0.02	0	-0.04	-0.03
	24	Inv_sismica(all)	J[88]	-13	0.02	-0.02	0	0.04	-0.03
	31	Inv_sismica(all)	I[29]	-16.17	-0.02	-0.02	0	-0.04	-0.03
	31	Inv_sismica(all)	J[94]	-12.81	-0.02	-0.02	0	0.04	-0.03
	33	Inv_sismica(all)	I[30]	-16	-0.02	-0.02	0	-0.04	-0.03
	33	Inv_sismica(all)	J[95]	-12.64	-0.02	-0.02	0	0.04	-0.03
	34	Inv_sismica(all)	I[31]	-16.13	0.02	-0.02	0	-0.04	-0.03
	34	Inv_sismica(all)	J[96]	-12.77	0.02	-0.02	0	0.04	-0.03
	36	Inv_sismica(all)	I[32]	-16.29	0.02	-0.02	0	-0.04	-0.03
	36	Inv_sismica(all)	J[97]	-12.93	0.02	-0.02	0	0.04	-0.03
	39	Inv_sismica(all)	I[34]	-47.38	-0.13	-0.27	0	-0.45	-0.22
	39	Inv_sismica(all)	J[99]	-37.3	-0.13	-0.27	0	-0.44	-0.21
	40	Inv_sismica(all)	I[35]	-15.37	0.02	-0.02	0	-0.04	-0.03
	40	Inv_sismica(all)	J[100]	-12.01	0.02	-0.02	0	0.04	-0.03
	43	Inv_sismica(all)	I[38]	-14.8	-0.02	-0.02	0	-0.04	-0.03
	43	Inv_sismica(all)	J[103]	-11.44	-0.02	-0.02	0	-0.04	-0.03
	45	Inv_sismica(all)	I[39]	-15.07	0.02	-0.02	0	-0.04	-0.03
	45	Inv_sismica(all)	J[104]	-11.71	0.02	-0.02	0	0.04	-0.03
	47	Inv_sismica(all)	I[40]	-14.96	-0.02	-0.02	0	-0.04	-0.03
	47	Inv_sismica(all)	J[105]	-11.6	-0.02	-0.02	0	0.04	-0.03
	49	Inv_sismica(all)	I[42]	-15.48	0.02	-0.02	0	-0.04	-0.03
	49	Inv_sismica(all)	J[107]	-12.12	0.02	-0.02	0	0.04	-0.03
	50	Inv_sismica(all)	I[43]	-47.78	0.13	-0.27	0	-0.46	-0.23
	50	Inv_sismica(all)	J[108]	-37.7	0.13	-0.27	0	0.46	-0.22
	56	Inv_sismica(all)	I[45]	-17.83	-0.02	-0.02	0	-0.04	-0.03
	56	Inv_sismica(all)	J[110]	-14.47	-0.02	-0.02	0	0.04	-0.03
	59	Inv_sismica(all)	I[49]	-35.18	-0.04	-0.18	0	-0.31	-0.07
	59	Inv_sismica(all)	J[114]	-28.46	-0.04	-0.18	0	0.3	-0.06
	62	Inv_sismica(all)	I[52]	-17.38	-0.02	-0.02	0	-0.04	-0.03
	62	Inv_sismica(all)	J[117]	-14.02	-0.02	-0.02	0	0.04	-0.03
	65	Inv_sismica(all)	I[55]	-17.23	0.02	-0.02	0	-0.04	-0.03
	65	Inv_sismica(all)	J[120]	-13.87	0.02	-0.02	0	0.04	-0.03
	68	Inv_sismica(all)	I[58]	-17.43	0.02	-0.02	0	-0.04	-0.03
	68	Inv_sismica(all)	J[123]	-14.07	0.02	-0.02	0	0.04	-0.03
	71	Inv_sismica(all)	I[61]	-35.31	0.04	-0.18	0	-0.31	-0.07
	71	Inv_sismica(all)	J[126]	-28.59	0.04	-0.18	0	0.31	-0.06
	74	Inv_sismica(all)	I[65]	-17.89	0.02	-0.02	0	-0.04	-0.03
	74	Inv_sismica(all)	J[130]	-14.53	0.02	-0.02	0	0.04	-0.03
	75	Inv_sismica(all)	I[66]	0	0	-7.32	0.03	-3.23	0
	75	Inv_sismica(all)	J[67]	0	0	7.34	0.03	-3.28	0
	76	Inv_sismica(all)	I[67]	0	0	-10.27	0.03	-6.02	0
	76	Inv_sismica(all)	J[68]	0	0	9.39	0.03	-4.77	0
	77	Inv_sismica(all)	I[68]	0	0	-3.28	0.03	-0.53	0
	77	Inv_sismica(all)	J[69]	0	0	3.68	0.03	-1.24	0
	78	Inv_sismica(all)	I[69]	0	0	-18.02	0	-5.65	0
	78	Inv_sismica(all)	J[70]	0	0	18.02	0	-5.65	0
	79	Inv_sismica(all)	I[79]	0	0	-3.97	-0.3	-1.21	0
	79	Inv_sismica(all)	J[66]	0	0	4.12	-0.3	-0.91	0
	80	Inv_sismica(all)	I[70]	0	0	-3.46	0	-0.72	0
	80	Inv_sismica(all)	J[80]	0	0	3.46	0	-0.72	0
	81	Inv_sismica(all)	I[71]	0	0	-4.93	0	-1.78	0
	81	Inv_sismica(all)	J[72]	0	0	5.07	0	-1.49	0
	82	Inv_sismica(all)	I[72]	0	0	-8.9	0	-3.82	0
	82	Inv_sismica(all)	J[73]	0	0	7.63	0	-2.88	0
	83	Inv_sismica(all)	I[73]	0	0	-3	0	-0.14	0
	83	Inv_sismica(all)	J[74]	0	0	3.13	0	-0.97	0
	84	Inv_sismica(all)	I[74]	0	0	-6.79	0	-2.63	0

	84	Inv_sismica(all)	J[75]	0	0	5.61	0	-1.55	0
	85	Inv_sismica(all)	I[75]	0	0	-30.92	0	-12.06	0
	85	Inv_sismica(all)	J[76]	0	0	-10.8	0	9.85	0
	86	Inv_sismica(all)	I[76]	0	0	-8.36	0	-1.17	0
	86	Inv_sismica(all)	J[77]	0	0	9.91	0	-1.86	0
	87	Inv_sismica(all)	I[77]	0	0	-27.71	0	-13.38	0
	87	Inv_sismica(all)	J[78]	0	0	30.74	0	-17.21	0
	88	Inv_sismica(all)	I[78]	0	0	-26.73	0	-12.45	0
	88	Inv_sismica(all)	J[79]	0	0	27.27	0	-13.46	0
	89	Inv_sismica(all)	I[80]	0	0	-7.65	0	-2.86	0
	89	Inv_sismica(all)	J[81]	0	0	6.58	0	-1.6	0
	90	Inv_sismica(all)	I[81]	0	0	-30.62	0	-16.91	0
	90	Inv_sismica(all)	J[82]	0	0	27.04	0	-12.36	0
	91	Inv_sismica(all)	I[82]	0	0	-9.84	0	-1.82	0
	91	Inv_sismica(all)	J[83]	0	0	8.37	0	-1.17	0
	92	Inv_sismica(all)	I[83]	0	0	10.04	0	9.42	0
	92	Inv_sismica(all)	J[84]	0	0	30.17	0	-11.69	0
	93	Inv_sismica(all)	I[84]	0	0	-2.49	0	-1.31	0
	93	Inv_sismica(all)	J[85]	0	0	3.6	0	-2.38	0
	94	Inv_sismica(all)	I[85]	0	0	-2.98	0	-0.9	0
	94	Inv_sismica(all)	J[86]	0	0	3.18	0	-0.14	0
	95	Inv_sismica(all)	I[86]	0	0	-7.91	0	-3.04	0
	95	Inv_sismica(all)	J[87]	0	0	8.54	0	-3.64	0
	96	Inv_sismica(all)	I[87]	0	0	-5.04	0	-1.47	0
	96	Inv_sismica(all)	J[88]	0	0	4.95	0	-1.81	0
	98	Inv_sismica(all)	I[90]	0	0	-3.78	0	-2.65	0
	98	Inv_sismica(all)	J[69]	0	0	3.78	0	-2.65	0
	99	Inv_sismica(all)	I[79]	0	0	-3.74	0	-2.58	0
	99	Inv_sismica(all)	J[91]	0	0	3.74	0	-2.58	0
	100	Inv_sismica(all)	I[71]	0	0	-32.59	0	-26.61	0
	100	Inv_sismica(all)	J[95]	0	0	32.59	0	-26.62	0
	101	Inv_sismica(all)	I[88]	0	0	-31.9	0	-26.05	0
	101	Inv_sismica(all)	J[96]	0	0	31.9	0	-26.06	0
	104	Inv_sismica(all)	I[74]	0	0	-28.95	0	-27.38	0
	104	Inv_sismica(all)	J[99]	0	0	28.95	0	-27.38	0
	107	Inv_sismica(all)	I[85]	0	0	-28.15	0	-26.63	0
	107	Inv_sismica(all)	J[108]	0	0	28.15	0	-26.63	0
	108	Inv_sismica(all)	I[89]	0	0	-2.28	0	-0.96	0
	108	Inv_sismica(all)	J[90]	0	0	2.28	0	-0.96	0
	110	Inv_sismica(all)	I[90]	0	0	-1.09	0	-0.22	0
	110	Inv_sismica(all)	J[93]	0	0	1.09	0	-0.22	0
	111	Inv_sismica(all)	I[92]	0	0	-5.57	0	-2.35	0
	111	Inv_sismica(all)	J[93]	0	0	5.57	0	-2.35	0
	112	Inv_sismica(all)	I[95]	0	0	-4.12	0	-1.03	0
	112	Inv_sismica(all)	J[94]	0	0	4.13	0	-1.03	0
	113	Inv_sismica(all)	I[96]	0	0	-4.12	0	-1.03	0
	113	Inv_sismica(all)	J[97]	0	0	4.13	0	-1.03	0
	114	Inv_sismica(all)	I[91]	0	0	-1.37	0	-0.35	0
	114	Inv_sismica(all)	J[103]	0	0	1.37	0	-0.35	0
	116	Inv_sismica(all)	I[105]	0	0	-1.37	0	-0.35	0
	116	Inv_sismica(all)	J[93]	0	0	1.37	0	-0.35	0
	117	Inv_sismica(all)	I[94]	0	0	-2.13	0	-0.28	0
	117	Inv_sismica(all)	J[98]	0	0	2.13	0	-0.28	0
	120	Inv_sismica(all)	I[97]	0	0	-2.13	0	-0.28	0
	120	Inv_sismica(all)	J[109]	0	0	2.13	0	-0.28	0
	121	Inv_sismica(all)	I[99]	0	0	-30.71	0	-23.51	0
	121	Inv_sismica(all)	J[98]	0	0	30.71	0	-23.51	0
	122	Inv_sismica(all)	I[99]	0	0	-35.64	0	-26.36	0
	122	Inv_sismica(all)	J[100]	0	0	35.64	0	-26.36	0
	123	Inv_sismica(all)	I[100]	0	0	-6.9	0	-1.09	0
	123	Inv_sismica(all)	J[101]	0	0	6.93	0	-1.01	0
	124	Inv_sismica(all)	I[101]	0	0	-16.23	0	-5.5	0
	124	Inv_sismica(all)	J[102]	0	0	16.26	0	-5.53	0
	125	Inv_sismica(all)	I[102]	0	0	-6.71	0	-0.96	0
	125	Inv_sismica(all)	J[103]	0	0	6.72	0	-1.04	0
	126	Inv_sismica(all)	I[103]	0	0	-5.82	0	-2.27	0
	126	Inv_sismica(all)	J[104]	0	0	5.78	0	-2.22	0
	127	Inv_sismica(all)	I[104]	0	0	-6.66	0	-2.95	0
	127	Inv_sismica(all)	J[105]	0	0	6.68	0	-2.98	0
	128	Inv_sismica(all)	I[105]	0	0	-20.32	0	-8.58	0

	128	Inv_sismica(all)	J[106]	0	0	20.19	0	-8.45	0
	129	Inv_sismica(all)	I[106]	0	0	-6.43	0	-0.9	0
	129	Inv_sismica(all)	J[107]	0	0	6.5	0	-1.02	0
	130	Inv_sismica(all)	I[107]	0	0	-35.64	0	-26.36	0
	130	Inv_sismica(all)	J[108]	0	0	35.64	0	-26.36	0
	131	Inv_sismica(all)	I[108]	0	0	-30.38	0	-23.25	0
	131	Inv_sismica(all)	J[109]	0	0	30.38	0	-23.25	0
	132	Inv_sismica(all)	I[98]	0	0	-12.34	0	-9.23	0
	132	Inv_sismica(all)	J[110]	0	0	12.34	0	-9.23	0
	134	Inv_sismica(all)	I[99]	0	0	-29.45	0	-22.02	0
	134	Inv_sismica(all)	J[114]	0	0	29.45	0	-22.02	0
	136	Inv_sismica(all)	I[100]	0	0	-67.9	0	-50.77	0
	136	Inv_sismica(all)	J[117]	0	0	67.9	0	-50.77	0
	138	Inv_sismica(all)	I[104]	0	0	-75.23	0	-56.25	0
	138	Inv_sismica(all)	J[120]	0	0	75.23	0	-56.25	0
	140	Inv_sismica(all)	I[107]	0	0	-67.8	0	-50.69	0
	140	Inv_sismica(all)	J[123]	0	0	67.8	0	-50.69	0
	142	Inv_sismica(all)	I[108]	0	0	-29.45	0	-22.02	0
	142	Inv_sismica(all)	J[126]	0	0	29.45	0	-22.02	0
	144	Inv_sismica(all)	I[109]	0	0	-12.34	0	-9.23	0
	144	Inv_sismica(all)	J[130]	0	0	12.34	0	-9.23	0
	145	Inv_sismica(all)	I[110]	0	0	-8.38	0	-2.32	0
	145	Inv_sismica(all)	J[111]	0	0	7.73	0	-1.3	0
	146	Inv_sismica(all)	I[111]	0	0	-21.24	0	-9.6	0
	146	Inv_sismica(all)	J[112]	0	0	16.39	0	-5.63	0
	147	Inv_sismica(all)	I[112]	0	0	-7.01	0	-1.03	0
	147	Inv_sismica(all)	J[113]	0	0	6.31	0	-0.8	0
	148	Inv_sismica(all)	I[113]	0	0	-5.57	0	6.58	0
	148	Inv_sismica(all)	J[114]	0	0	22.88	0	-8.56	0
	149	Inv_sismica(all)	I[114]	0	0	-6.34	0	-2.63	0
	149	Inv_sismica(all)	J[115]	0	0	6.53	0	-2.56	0
	150	Inv_sismica(all)	I[115]	0	0	-12.12	0	-5.57	0
	150	Inv_sismica(all)	J[116]	0	0	9.58	0	4.12	0
	151	Inv_sismica(all)	I[116]	0	0	-4.2	0	-0.96	0
	151	Inv_sismica(all)	J[117]	0	0	4.11	0	-1.33	0
	152	Inv_sismica(all)	I[117]	0	0	-5.06	0	-1.96	0
	152	Inv_sismica(all)	J[118]	0	0	5.14	0	-1.54	0
	153	Inv_sismica(all)	I[118]	0	0	-8.93	0	-5.26	0
	153	Inv_sismica(all)	J[119]	0	0	8.83	0	-5.11	0
	154	Inv_sismica(all)	I[119]	0	0	-4.87	0	-1.38	0
	154	Inv_sismica(all)	J[120]	0	0	4.91	0	-1.91	0
	155	Inv_sismica(all)	I[120]	0	0	-5.08	0	-1.96	0
	155	Inv_sismica(all)	J[121]	0	0	5.15	0	-1.55	0
	156	Inv_sismica(all)	I[121]	0	0	-8.92	0	-5.24	0
	156	Inv_sismica(all)	J[122]	0	0	8.84	0	-5.12	0
	157	Inv_sismica(all)	I[122]	0	0	-4.86	0	-1.37	0
	157	Inv_sismica(all)	J[123]	0	0	4.89	0	-1.9	0
	158	Inv_sismica(all)	I[123]	0	0	-4.05	0	-1.27	0
	158	Inv_sismica(all)	J[124]	0	0	4.26	0	-0.99	0
	159	Inv_sismica(all)	I[124]	0	0	-10.05	0	-4.32	0
	159	Inv_sismica(all)	J[125]	0	0	11.61	0	-5.3	0
	160	Inv_sismica(all)	I[125]	0	0	-6.51	0	-2.54	0
	160	Inv_sismica(all)	J[126]	0	0	6.36	0	-2.67	0
	161	Inv_sismica(all)	I[126]	0	0	-22.85	0	-8.52	0
	161	Inv_sismica(all)	J[127]	0	0	5.47	0	6.67	0
	162	Inv_sismica(all)	I[127]	0	0	-6.24	0	-0.79	0
	162	Inv_sismica(all)	J[128]	0	0	6.97	0	-1.03	0
	163	Inv_sismica(all)	I[128]	0	0	-16.44	0	-5.79	0
	163	Inv_sismica(all)	J[129]	0	0	20.89	0	-9.37	0
	164	Inv_sismica(all)	I[129]	0	0	-7.59	0	-1.28	0
	164	Inv_sismica(all)	J[130]	0	0	8.41	0	-2.37	0
	165	Inv_sismica(all)	I[66]	-9.75	0.01	-0.01	0	-0.02	0.02
	165	Inv_sismica(all)	J[131]	-6.26	0.01	-0.01	0	0.03	-0.02
	168	Inv_sismica(all)	I[69]	-9.41	0.01	-0.02	0	-0.04	0.02
	168	Inv_sismica(all)	J[134]	-5.92	0.01	-0.02	0	0.04	-0.02
	170	Inv_sismica(all)	I[70]	-9.24	0.01	-0.02	0	-0.04	0.02
	170	Inv_sismica(all)	J[135]	-5.75	0.01	-0.02	0	0.04	-0.02
	173	Inv_sismica(all)	I[71]	-8.65	0.01	-0.02	0	-0.03	0.02
	173	Inv_sismica(all)	J[136]	-5.16	0.01	-0.02	0	0.04	-0.02
	176	Inv_sismica(all)	I[74]	-17.91	0.02	-0.16	0	-0.27	0.04

	176	Inv_sismica(all)	J[139]	-10.93	0.02	-0.16	0	0.27	-0.04
	180	Inv_sismica(all)	I[79]	-9.8	0.01	-0.02	0	-0.03	0.02
	180	Inv_sismica(all)	J[144]	-6.31	0.01	-0.02	0	0.03	-0.02
	181	Inv_sismica(all)	I[80]	-9.31	0.01	-0.02	0	-0.04	0.02
	181	Inv_sismica(all)	J[145]	-5.82	0.01	-0.02	0	0.04	-0.02
	185	Inv_sismica(all)	I[85]	-17.65	0.02	-0.16	0	-0.28	0.04
	185	Inv_sismica(all)	J[150]	-10.67	0.02	-0.16	0	0.28	-0.04
	188	Inv_sismica(all)	I[88]	-8.57	0.01	-0.02	0	-0.04	0.02
	188	Inv_sismica(all)	J[153]	-5.08	0.01	-0.02	0	0.04	-0.02
	194	Inv_sismica(all)	I[94]	-8.76	0.01	-0.02	0	-0.04	0.02
	194	Inv_sismica(all)	J[158]	-5.27	0.01	-0.02	0	0.04	-0.02
	196	Inv_sismica(all)	I[95]	-8.86	0.01	-0.02	0	-0.04	0.02
	196	Inv_sismica(all)	J[159]	-5.37	0.01	-0.02	0	0.04	-0.02
	197	Inv_sismica(all)	I[96]	-8.86	0.01	-0.02	0	-0.04	0.02
	197	Inv_sismica(all)	J[160]	-5.37	0.01	-0.02	0	0.04	-0.02
	199	Inv_sismica(all)	I[97]	-8.78	0.01	-0.02	0	-0.04	0.02
	199	Inv_sismica(all)	J[161]	-5.29	0.01	-0.02	0	0.04	-0.02
	202	Inv_sismica(all)	I[99]	-27.41	0.07	-0.24	0	-0.41	0.13
	202	Inv_sismica(all)	J[163]	-16.94	0.07	-0.24	0	0.42	-0.13
	203	Inv_sismica(all)	I[100]	-9.36	0.01	-0.02	0	-0.04	0.02
	203	Inv_sismica(all)	J[164]	-5.87	0.01	-0.02	0	0.04	-0.02
	204	Inv_sismica(all)	I[103]	-9.97	0.01	-0.02	0	-0.04	0.02
	204	Inv_sismica(all)	J[167]	-6.48	0.01	-0.02	0	0.04	-0.02
	205	Inv_sismica(all)	I[104]	-9.47	0.01	-0.02	0	-0.04	0.02
	205	Inv_sismica(all)	J[168]	-5.98	0.01	-0.02	0	0.04	-0.02
	206	Inv_sismica(all)	I[105]	-9.79	0.01	-0.02	0	-0.04	0.02
	206	Inv_sismica(all)	J[169]	-6.3	0.01	-0.02	0	0.04	-0.02
	207	Inv_sismica(all)	I[107]	-9.34	0.01	-0.02	0	-0.04	0.02
	207	Inv_sismica(all)	J[171]	-5.85	0.01	-0.02	0	0.04	-0.02
	208	Inv_sismica(all)	I[108]	-27.35	0.08	-0.24	0	-0.43	0.14
	208	Inv_sismica(all)	J[172]	-16.88	0.08	-0.24	0	0.42	-0.14
	214	Inv_sismica(all)	I[110]	-9.44	0.01	-0.02	0	-0.04	0.02
	214	Inv_sismica(all)	J[174]	-5.95	0.01	-0.02	0	0.04	-0.02
	217	Inv_sismica(all)	I[114]	-19.47	0.02	-0.16	0	-0.28	0.04
	217	Inv_sismica(all)	J[178]	-12.49	0.02	-0.16	0	0.28	-0.04
	220	Inv_sismica(all)	I[117]	-9.94	0.01	-0.02	0	-0.04	0.02
	220	Inv_sismica(all)	J[181]	-6.45	0.01	-0.02	0	0.04	-0.02
	223	Inv_sismica(all)	I[120]	-10.04	0.01	-0.02	0	-0.04	0.02
	223	Inv_sismica(all)	J[184]	-6.55	0.01	-0.02	0	0.04	-0.02
	226	Inv_sismica(all)	I[123]	-9.95	0.01	-0.02	0	-0.04	0.02
	226	Inv_sismica(all)	J[187]	-6.46	0.01	-0.02	0	0.04	-0.02
	229	Inv_sismica(all)	I[126]	-19.57	0.02	-0.16	0	-0.29	0.04
	229	Inv_sismica(all)	J[190]	-12.59	0.02	-0.16	0	0.28	-0.04
	232	Inv_sismica(all)	I[130]	-9.55	0.01	-0.02	0	-0.04	0.02
	232	Inv_sismica(all)	J[194]	-6.06	0.01	-0.02	0	0.04	-0.02
	233	Inv_sismica(all)	I[131]	0	0	-7.42	0	-3.4	0
	233	Inv_sismica(all)	J[132]	0	0	7.78	0	-3.65	0
	234	Inv_sismica(all)	I[132]	0	0	-9.49	0	-5.47	0
	234	Inv_sismica(all)	J[133]	0	0	5.75	0	2.63	0
	235	Inv_sismica(all)	I[133]	0	0	-3.35	0	-0.51	0
	235	Inv_sismica(all)	J[134]	0	0	3.17	0	-0.8	0
	236	Inv_sismica(all)	I[134]	0	0	-15.29	0	-4.79	0
	236	Inv_sismica(all)	J[135]	0	0	15.29	0	-4.79	0
	237	Inv_sismica(all)	I[144]	0	0	-3.36	0	-0.66	0
	237	Inv_sismica(all)	J[131]	0	0	3.63	0	-0.83	0
	238	Inv_sismica(all)	I[135]	0	0	-3.46	0	-0.72	0
	238	Inv_sismica(all)	J[145]	0	0	3.45	0	-0.72	0
	239	Inv_sismica(all)	I[136]	0	0	-4.71	0	-1.53	0
	239	Inv_sismica(all)	J[137]	0	0	5.05	0	-1.5	0
	240	Inv_sismica(all)	I[137]	0	0	-7.89	0	-3.38	0
	240	Inv_sismica(all)	J[138]	0	0	5.64	0	-1.9	0
	241	Inv_sismica(all)	I[138]	0	0	-2.7	0	-0.24	0
	241	Inv_sismica(all)	J[139]	0	0	2.67	0	-0.58	0
	242	Inv_sismica(all)	I[139]	0	0	-6.52	-0.01	-3.74	0
	242	Inv_sismica(all)	J[140]	0	0	4.2	-0.01	-2.47	0
	243	Inv_sismica(all)	I[140]	0	0	-26.05	-0.01	-11.24	0
	243	Inv_sismica(all)	J[141]	0	0	-8.98	-0.01	7.16	0
	244	Inv_sismica(all)	I[141]	0	0	-6.62	0	-0.67	0
	244	Inv_sismica(all)	J[142]	0	0	8.8	0	-1.74	0
	245	Inv_sismica(all)	I[142]	0	0	-21.85	0	-8.42	0

	245	Inv_sismica(all)	J[143]	0	0	27.28	0	-16.16	0
	246	Inv_sismica(all)	I[143]	0	0	-22.72	-0.01	-10.64	0
	246	Inv_sismica(all)	J[144]	0	0	23.24	-0.01	-11.66	0
	247	Inv_sismica(all)	I[145]	0	0	-6.95	0	-3.58	0
	247	Inv_sismica(all)	J[146]	0	0	5.05	0	-2.36	0
	248	Inv_sismica(all)	I[146]	0	0	-26.88	0	-15.22	0
	248	Inv_sismica(all)	J[147]	0	0	21.37	0	-7.57	0
	249	Inv_sismica(all)	I[147]	0	0	-8.7	0	-1.67	0
	249	Inv_sismica(all)	J[148]	0	0	6.61	0	-0.68	0
	250	Inv_sismica(all)	I[148]	0	0	8.56	0	6.88	0
	250	Inv_sismica(all)	J[149]	0	0	25.63	0	-11.1	0
	251	Inv_sismica(all)	I[149]	0	0	-1.74	0	-2.33	0
	251	Inv_sismica(all)	J[150]	0	0	4.05	0	-3.6	0
	252	Inv_sismica(all)	I[150]	0	0	-2.51	0	-0.52	0
	252	Inv_sismica(all)	J[151]	0	0	2.84	0	-0.27	0
	253	Inv_sismica(all)	I[151]	0	0	-6.17	0	-2.14	0
	253	Inv_sismica(all)	J[152]	0	0	7.4	0	-3.11	0
	254	Inv_sismica(all)	I[152]	0	0	-4.98	0	-1.46	0
	254	Inv_sismica(all)	J[153]	0	0	4.8	0	-1.61	0
	256	Inv_sismica(all)	I[154]	0	0	-4.46	0	-3.21	0
	256	Inv_sismica(all)	J[134]	0	0	4.43	0	-3.11	0
	257	Inv_sismica(all)	I[144]	0	0	-4.35	-0.02	-2.98	0
	257	Inv_sismica(all)	J[155]	0	0	4.38	-0.02	-3.05	0
	259	Inv_sismica(all)	I[136]	0	0	-28.51	0	-23.29	0
	259	Inv_sismica(all)	J[159]	0	0	28.51	0	-23.28	0
	260	Inv_sismica(all)	I[153]	0	0	-27.98	0	-22.85	0
	260	Inv_sismica(all)	J[160]	0	0	27.98	0	-22.85	0
	263	Inv_sismica(all)	I[139]	0	0	-25.36	0	-23.99	0
	263	Inv_sismica(all)	J[163]	0	0	25.36	0	-23.99	0
	266	Inv_sismica(all)	I[150]	0	0	-24.75	0	-23.41	0
	266	Inv_sismica(all)	J[172]	0	0	24.75	0	-23.41	0
	267	Inv_sismica(all)	I[154]	0	0	-1.29	0	-0.27	0
	267	Inv_sismica(all)	J[157]	0	0	1.25	0	-0.25	0
	268	Inv_sismica(all)	I[159]	0	0	-4.12	0	-1.03	0
	268	Inv_sismica(all)	J[158]	0	0	4.13	0	-1.03	0
	269	Inv_sismica(all)	I[160]	0	0	-4.12	0	-1.03	0
	269	Inv_sismica(all)	J[161]	0	0	4.13	0	-1.03	0
	270	Inv_sismica(all)	I[155]	0	0	-2.73	0.05	-1.32	0
	270	Inv_sismica(all)	J[167]	0	0	1.02	0.05	0.4	0
	271	Inv_sismica(all)	I[169]	0	0	-1.37	0	0.32	0
	271	Inv_sismica(all)	J[157]	0	0	2.65	0	-1.28	0
	272	Inv_sismica(all)	I[158]	0	0	-2.13	0	-0.28	0
	272	Inv_sismica(all)	J[162]	0	0	2.13	0	-0.27	0
	275	Inv_sismica(all)	I[161]	0	0	-2.13	0	-0.28	0
	275	Inv_sismica(all)	J[173]	0	0	2.13	0	-0.27	0
	276	Inv_sismica(all)	I[163]	0	0	-26.27	0	-20.11	0
	276	Inv_sismica(all)	J[162]	0	0	26.27	0	-20.11	0
	277	Inv_sismica(all)	I[163]	0	0	-30.08	0	-22.24	0
	277	Inv_sismica(all)	J[164]	0	0	30.08	0	-22.24	0
	278	Inv_sismica(all)	I[164]	0	0	-24.87	0	-15.07	0
	278	Inv_sismica(all)	J[165]	0	0	-13.62	0	0.9	0
	279	Inv_sismica(all)	I[165]	0	0	-13.43	0	0.92	0
	279	Inv_sismica(all)	J[166]	0	0	13.77	0	0.57	0
	280	Inv_sismica(all)	I[166]	0	0	13.94	0	0.56	0
	280	Inv_sismica(all)	J[167]	0	0	24.86	0	-15.07	0
	281	Inv_sismica(all)	I[167]	0	0	-6.04	0	-2.33	0
	281	Inv_sismica(all)	J[168]	0	0	6.03	0	-2.33	0
	282	Inv_sismica(all)	I[168]	0	0	-6.94	0	-3.08	0
	282	Inv_sismica(all)	J[169]	0	0	6.95	0	-3.09	0
	283	Inv_sismica(all)	I[169]	0	0	-22.32	0	-12.25	0
	283	Inv_sismica(all)	J[170]	0	0	11.88	0	1.02	0
	284	Inv_sismica(all)	I[170]	0	0	12.11	0	1	0
	284	Inv_sismica(all)	J[171]	0	0	22.55	0	-12.35	0
	285	Inv_sismica(all)	I[171]	0	0	-30.08	0	-22.24	0
	285	Inv_sismica(all)	J[172]	0	0	30.08	0	-22.24	0
	286	Inv_sismica(all)	I[172]	0	0	-25.99	0	-19.89	0
	286	Inv_sismica(all)	J[173]	0	0	25.99	0	-19.89	0
	287	Inv_sismica(all)	I[162]	0	0	-12.34	0	-9.23	0
	287	Inv_sismica(all)	J[174]	0	0	12.34	0	-9.23	0
	289	Inv_sismica(all)	I[163]	0	0	-25.22	0	-18.86	0

	289	Inv_sismica(all)	J[178]	0	0	25.22	0	-18.86	0
	291	Inv_sismica(all)	I[164]	0	0	-55.61	0	-41.59	0
	291	Inv_sismica(all)	J[181]	0	0	55.61	0	-41.58	0
	293	Inv_sismica(all)	I[168]	0	0	-72.57	0	-54.27	0
	293	Inv_sismica(all)	J[184]	0	0	72.57	0	-54.27	0
	295	Inv_sismica(all)	I[171]	0	0	-55.5	0	-41.49	0
	295	Inv_sismica(all)	J[187]	0	0	55.5	0	-41.49	0
	297	Inv_sismica(all)	I[172]	0	0	-25.22	0	-18.86	0
	297	Inv_sismica(all)	J[190]	0	0	25.22	0	-18.86	0
	299	Inv_sismica(all)	I[173]	0	0	-12.34	0	-9.23	0
	299	Inv_sismica(all)	J[194]	0	0	12.34	0	-9.23	0
	300	Inv_sismica(all)	I[174]	0	0	-7.44	0	-2.41	0
	300	Inv_sismica(all)	J[175]	0	0	6.29	0	-1.34	0
	301	Inv_sismica(all)	I[175]	0	0	-18.34	0	-8.28	0
	301	Inv_sismica(all)	J[176]	0	0	11.92	0	-2.13	0
	302	Inv_sismica(all)	I[176]	0	0	-6.07	0	-0.82	0
	302	Inv_sismica(all)	J[177]	0	0	5.19	0	-0.48	0
	303	Inv_sismica(all)	I[177]	0	0	3.18	0	4.09	0
	303	Inv_sismica(all)	J[178]	0	0	18.54	0	-7.83	0
	304	Inv_sismica(all)	I[178]	0	0	-6.13	0	-2.31	0
	304	Inv_sismica(all)	J[179]	0	0	6.65	0	-2.66	0
	305	Inv_sismica(all)	I[179]	0	0	-11.26	0	-5.43	0
	305	Inv_sismica(all)	J[180]	0	0	6.74	0	3.36	0
	306	Inv_sismica(all)	I[180]	0	0	-4.31	0	-1	0
	306	Inv_sismica(all)	J[181]	0	0	3.59	0	-0.8	0
	307	Inv_sismica(all)	I[181]	0	0	-4.77	0	-1.64	0
	307	Inv_sismica(all)	J[182]	0	0	5.28	0	-1.64	0
	308	Inv_sismica(all)	I[182]	0	0	-8.8	0	-5.13	0
	308	Inv_sismica(all)	J[183]	0	0	8.67	0	-4.92	0
	309	Inv_sismica(all)	I[183]	0	0	-4.99	0	-1.47	0
	309	Inv_sismica(all)	J[184]	0	0	4.6	0	-1.59	0
	310	Inv_sismica(all)	I[184]	0	0	-4.78	0	-1.63	0
	310	Inv_sismica(all)	J[185]	0	0	5.31	0	-1.66	0
	311	Inv_sismica(all)	I[185]	0	0	-8.83	0	-5.16	0
	311	Inv_sismica(all)	J[186]	0	0	8.65	0	-4.89	0
	312	Inv_sismica(all)	I[186]	0	0	-4.96	0	-1.45	0
	312	Inv_sismica(all)	J[187]	0	0	4.59	0	-1.59	0
	313	Inv_sismica(all)	I[187]	0	0	-3.53	0	-0.75	0
	313	Inv_sismica(all)	J[188]	0	0	4.4	0	-1.04	0
	314	Inv_sismica(all)	I[188]	0	0	-7.27	0	-3.11	0
	314	Inv_sismica(all)	J[189]	0	0	10.62	0	-5.08	0
	315	Inv_sismica(all)	I[189]	0	0	-6.61	0	-2.63	0
	315	Inv_sismica(all)	J[190]	0	0	6.16	0	-2.34	0
	316	Inv_sismica(all)	I[190]	0	0	-18.41	0	-7.73	0
	316	Inv_sismica(all)	J[191]	0	0	-3.18	0	4.14	0
	317	Inv_sismica(all)	I[191]	0	0	-5.1	0	-0.47	0
	317	Inv_sismica(all)	J[192]	0	0	6.06	0	-0.84	0
	318	Inv_sismica(all)	I[192]	0	0	-12.07	0	-2.38	0
	318	Inv_sismica(all)	J[193]	0	0	17.97	0	-8.03	0
	319	Inv_sismica(all)	I[193]	0	0	-6.13	0	-1.31	0
	319	Inv_sismica(all)	J[194]	0	0	7.48	0	-2.45	0

Wall Force

	Story	Level (m)	Wall	Load	Part	Axial (kN)	Shear-y (kN)	Shear-z (kN)	Torsion (kN*m)	Moment-y (kN*m)	Moment-z (kN*m)
	2F	3.36	48	Combostatica	top	-67.01	0	12.77	0	-19.6	0
					bot	-127.25	0	12.77	0	24.98	0
	2F	3.36	49	Combostatica	top	-19.93	0	-1.66	0	2.9	0
					bot	-37.5	0	-1.66	0	-2.89	0
	2F	3.36	50	Combostatica	top	-47.34	0	-4.04	0	6.71	0
					bot	-90	0	-4.04	0	-7.39	0
	2F	3.36	51	Combostatica	top	-33.11	0	-2.38	0	3.28	0
					bot	-61.62	0	-2.38	0	-5.04	0
	2F	3.36	52	Combostatica	top	-31.81	0	1.15	0	-2.2	0
					bot	-60.32	0	1.15	0	1.83	0
	2F	3.36	53	Combostatica	top	-35.21	0	0.87	0	-1.5	0
					bot	-70.96	0	0.87	0	1.52	0
	2F	3.36	54	Combostatica	top	-11.23	0	-0.56	0	0.98	0
					bot	-21.81	0	-0.56	0	-0.97	0
	2F	3.36	55	Combostatica	top	-11.7	0	-5.49	0	9.61	0
					bot	-22.14	0	-5.49	0	-9.53	0
	2F	3.36	56	Combostatica	top	-38.43	0	-21.18	0	37.6	0
					bot	-59.37	0	-21.18	0	-36.3	0
	2F	3.36	57	Combostatica	top	-79.83	0	24.98	0	-42.09	0
					bot	-143.1	0	24.98	0	45.1	0
	2F	3.36	58	Combostatica	top	-14.94	0	-7.86	0	13.76	0
					bot	-27.6	0	-7.86	0	-13.68	0
	2F	3.36	59	Combostatica	top	-38.64	0	20.39	0	-36.27	0
					bot	-59.57	0	20.39	0	34.9	0
	2F	3.36	60	Combostatica	top	-10.97	0	4.17	0	-7.33	0
					bot	-21.41	0	4.17	0	7.24	0
	2F	3.36	61	Combostatica	top	-10.5	0	-0.59	0	1.02	0
					bot	-21.08	0	-0.59	0	-1.03	0
	2F	3.36	62	Combostatica	top	-33.44	0	-4.27	0	7.32	0
					bot	-69.2	0	-4.27	0	-7.59	0
	2F	3.36	63	Combostatica	top	-82.73	0	-22.83	0	87.67	0
					bot	-200.42	0	-22.83	0	8	0
	2F	3.36	64	Combostatica	top	-119.19	0	2.35	0	-11.85	0
					bot	-230.34	0	2.35	0	-3.64	0
	2F	3.36	65	Combostatica	top	-113.74	0	5.44	0	-18.43	0
					bot	-224.89	0	5.44	0	0.56	0
	2F	3.36	66	Combostatica	top	-12.05	0	-2.27	0	4.45	0
					bot	-46.27	0	-2.27	0	-3.46	0
	2F	3.36	67	Combostatica	top	-1.15	0	-0.07	0	-1.4	0
					bot	-56.68	0	-0.07	0	-1.66	0
	2F	3.36	68	Combostatica	top	-38.91	0	-2.03	0	3.68	0
					bot	-72.93	0	-2.03	0	-3.39	0
	2F	3.36	69	Combostatica	top	-37.74	0	-2.33	0	3.92	0
					bot	-71.76	0	-2.33	0	-4.2	0
	2F	3.36	70	Combostatica	top	-20.03	0	0.31	0	-0.57	0
					bot	-37.61	0	0.31	0	0.51	0
	2F	3.36	71	Combostatica	top	-19.47	0	0.87	0	-1.54	0
					bot	-37.05	0	0.87	0	1.48	0
	2F	3.36	72	Combostatica	top	-124.97	0	1.92	0	-8.86	0
					bot	-226.74	0	1.92	0	-2.15	0
	2F	3.36	73	Combostatica	top	-143.36	0	2.82	0	-9.13	0
					bot	-245.14	0	2.82	0	0.7	0
	2F	3.36	74	Combostatica	top	-146.77	0	3.44	0	-9.97	0
					bot	-248.55	0	3.44	0	2.03	0
	2F	3.36	75	Combostatica	top	-141.42	0	4	0	-11.78	0
					bot	-243.19	0	4	0	2.2	0
	2F	3.36	76	Combostatica	top	-123.01	0	5.13	0	-15.24	0
					bot	-224.79	0	5.13	0	2.68	0
	2F	3.36	77	Combostatica	top	-24.35	0	-5.28	0	9.31	0
					bot	-42.5	0	-5.28	0	-9.13	0
	2F	3.36	78	Combostatica	top	-27.51	0	6.67	0	-11.77	0
					bot	-44.67	0	6.67	0	11.51	0
	2F	3.36	79	Combostatica	top	-65.51	0	6.86	0	-13.41	0
					bot	-115.25	0	6.86	0	10.51	0
	2F	3.36	80	Combostatica	top	-38.18	0	-4.24	0	7.69	0
					bot	-65.28	0	-4.24	0	-7.1	0
	2F	3.36	81	Combostatica	top	-51.56	0	0.74	0	-1.68	0
					bot	-87.77	0	0.74	0	0.91	0
	2F	3.36	82	Combostatica	top	-49.68	0	-2.94	0	5.47	0
					bot	-83.8	0	-2.94	0	-4.81	0
	2F	3.36	83	Combostatica	top	-52.57	0	0.73	0	-1.81	0
					bot	-89.08	0	0.73	0	0.75	0
	2F	3.36	84	Combostatica	top	-48.34	0	-2.89	0	5.25	0
					bot	-82.16	0	-2.89	0	-4.83	0
	2F	3.36	85	Combostatica	top	-37.9	0	1.77	0	-3.38	0
					bot	-64.99	0	1.77	0	2.8	0
					top	-65.29	0	-10.97	0	20.45	0

	2F	3.36	86	Combostatica	bot	-115.02	0	-10.97	0	-17.82	0
					top	-27.27	0	-7.16	0	12.63	0
	2F	3.36	87	Combostatica	bot	-44.42	0	-7.16	0	-12.36	0
					top	-24.22	0	3.74	0	-6.62	0
	2F	3.36	88	Combostatica	bot	-42.37	0	3.74	0	6.44	0
					top	-156.23	0	8.01	0	-22.09	0
	1F	0	1	Combostatica	bot	-214.22	0	8.01	0	4.84	0
					top	-49.12	0	-0.81	0	1.37	0
	1F	0	2	Combostatica	bot	-66.04	0	-0.81	0	-1.35	0
					top	-120.64	0	-2.47	0	4.51	0
	1F	0	3	Combostatica	bot	-161.71	0	-2.47	0	-3.78	0
					top	-81.21	0	-3.71	0	6.7	0
	1F	0	4	Combostatica	bot	-108.66	0	-3.71	0	-5.76	0
					top	-82.44	0	0.05	0	-0.29	0
	1F	0	5	Combostatica	bot	-109.89	0	0.05	0	-0.12	0
					top	-108.76	0	0.45	0	-1.27	0
	1F	0	6	Combostatica	bot	-143.19	0	0.45	0	0.23	0
					top	-32.06	0	-0.13	0	0.22	0
	1F	0	7	Combostatica	bot	-42.25	0	-0.13	0	-0.23	0
					top	-32.08	0	-1.95	0	3.31	0
	1F	0	8	Combostatica	bot	-42.13	0	-1.95	0	-3.23	0
					top	-122.54	0	-7.25	0	12.84	0
	1F	0	9	Combostatica	bot	-142.7	0	-7.25	0	-11.53	0
					top	-207.44	0	13.32	0	-36.85	0
	1F	0	10	Combostatica	bot	-268.35	0	13.32	0	7.92	0
					top	-38.28	0	-3.43	0	5.87	0
	1F	0	11	Combostatica	bot	-50.47	0	-3.43	0	-5.65	0
					top	-123.24	0	6.69	0	-11.99	0
	1F	0	12	Combostatica	bot	-143.39	0	6.69	0	10.48	0
					top	-32.57	0	1.25	0	-2.15	0
	1F	0	13	Combostatica	bot	-42.62	0	1.25	0	2.06	0
					top	-32.45	0	-0.39	0	0.66	0
	1F	0	14	Combostatica	bot	-42.64	0	-0.39	0	-0.66	0
					top	-110.46	0	-2.38	0	4.31	0
	1F	0	15	Combostatica	bot	-144.89	0	-2.38	0	-3.67	0
					top	-342.12	0	0.37	0	-11.62	0
	1F	0	16	Combostatica	bot	-455.42	0	0.37	0	-10.37	0
					top	-362.28	0	-0.98	0	-12.29	0
	1F	0	17	Combostatica	bot	-469.29	0	-0.98	0	-15.58	0
					top	-363.78	0	1.41	0	-15.25	0
	1F	0	18	Combostatica	bot	-470.8	0	1.41	0	-10.53	0
					top	-80.97	0	0.2	0	-0.57	0
	1F	0	19	Combostatica	bot	-107.33	0	0.2	0	0.12	0
					top	-105	0	0.31	0	-0.81	0
	1F	0	20	Combostatica	bot	-137.95	0	0.31	0	0.25	0
					top	-167.92	0	-1.08	0	1.29	0
	1F	0	21	Combostatica	bot	-221.38	0	-1.08	0	-2.33	0
					top	-116.79	0	-0.68	0	1.03	0
	1F	0	22	Combostatica	bot	-149.55	0	-0.68	0	-1.25	0
					top	-116.72	0	-1.38	0	2.39	0
	1F	0	23	Combostatica	bot	-149.48	0	-1.38	0	-2.23	0
					top	-61.02	0	-0.19	0	0.26	0
	1F	0	24	Combostatica	bot	-77.94	0	-0.19	0	-0.37	0
					top	-60.89	0	0.25	0	-0.47	0
	1F	0	25	Combostatica	bot	-77.82	0	0.25	0	0.37	0
					top	-64.17	0	-2.17	0	3.78	0
	1F	0	26	Combostatica	bot	-82.3	0	-2.17	0	-3.52	0
					top	-59.08	0	1.83	0	-3.25	0
	1F	0	27	Combostatica	bot	-76.66	0	1.83	0	2.88	0
					top	-170.34	0	-4.28	0	8.89	0
	1F	0	28	Combostatica	bot	-220.9	0	-4.28	0	-5.51	0
					top	-197.78	0	-0.07	0	-1.41	0
	1F	0	29	Combostatica	bot	-255.99	0	-0.07	0	-1.65	0
					top	-60.84	0	2.85	0	-5.02	0
	1F	0	30	Combostatica	bot	-77.66	0	2.85	0	4.55	0
					top	-370.9	0	-0.97	0	-9.22	0
	1F	0	31	Combostatica	bot	-468.89	0	-0.97	0	-12.49	0
					top	-357.39	0	0.08	0	-11.49	0
	1F	0	32	Combostatica	bot	-455.38	0	0.08	0	-11.22	0
					top	-354.86	0	0.66	0	-12.51	0
	1F	0	33	Combostatica	bot	-452.85	0	0.66	0	-10.3	0
					top	-358.25	0	0.98	0	-12.47	0
	1F	0	34	Combostatica	bot	-456.22	0	0.98	0	-9.19	0
					top	-369.05	0	1.54	0	-12.76	0
	1F	0	35	Combostatica	bot	-467.04	0	1.54	0	-7.58	0
					top	-69.71	0	-1.97	0	3.42	0
	1F	0	36	Combostatica	bot	-87.19	0	-1.97	0	-3.19	0
					top	-88.18	0	2.38	0	-4.19	0
	1F	0	37	Combostatica	bot	-104.7	0	2.38	0	3.8	0
					top	-179.11	0	2.28	0	-5.9	0

	1F	0	38	Combostatica	bot	-227	0	2.28	0	1.76	0
					top	-99.02	0	-1.12	0	1.95	0
	1F	0	39	Combostatica	bot	-125.11	0	-1.12	0	-1.82	0
					top	-131.79	0	-0.17	0	0.04	0
	1F	0	40	Combostatica	bot	-166.65	0	-0.17	0	-0.53	0
					top	-124.53	0	-0.72	0	1.15	0
	1F	0	41	Combostatica	bot	-157.38	0	-0.72	0	-1.26	0
					top	-132.29	0	-0.4	0	0.5	0
	1F	0	42	Combostatica	bot	-167.44	0	-0.4	0	-0.86	0
					top	-124.04	0	-0.92	0	1.55	0
	1F	0	43	Combostatica	bot	-156.6	0	-0.92	0	-1.55	0
					top	-98.69	0	0.08	0	-0.27	0
	1F	0	44	Combostatica	bot	-124.78	0	0.08	0	0	0
					top	-180.06	0	-4.12	0	8.51	0
	1F	0	45	Combostatica	bot	-227.95	0	-4.12	0	-5.33	0
					top	-87.42	0	-2.47	0	4.29	0
	1F	0	46	Combostatica	bot	-103.94	0	-2.47	0	-4.01	0
					top	-69.4	0	1.3	0	-2.32	0
	1F	0	47	Combostatica	bot	-86.87	0	1.3	0	2.05	0
					top	-54.83	0	16.86	0	-37.82	0
	2F	3.36	48	Inv_sismica(all)	bot	-101.17	0	16.86	0	21.1	0
					top	-17.32	0	-7.55	0	13.22	0
	2F	3.36	49	Inv_sismica(all)	bot	-30.84	0	-7.55	0	-13.13	0
					top	-41.43	0	-25.09	0	43.53	0
	2F	3.36	50	Inv_sismica(all)	bot	-74.25	0	-25.09	0	-44.02	0
					top	-30.24	0	9.17	0	-16.13	0
	2F	3.36	51	Inv_sismica(all)	bot	-52.17	0	9.17	0	15.88	0
					top	-27.36	0	9.29	0	-16.26	0
	2F	3.36	52	Inv_sismica(all)	bot	-49.29	0	9.29	0	16.16	0
					top	-29.57	0	13.14	0	-23.13	0
	2F	3.36	53	Inv_sismica(all)	bot	-57.08	0	13.14	0	22.71	0
					top	-9.29	0	-4.51	0	7.89	0
	2F	3.36	54	Inv_sismica(all)	bot	-17.43	0	-4.51	0	-7.86	0
					top	-9.62	0	-7.4	0	12.93	0
	2F	3.36	55	Inv_sismica(all)	bot	-17.65	0	-7.4	0	-12.88	0
					top	-31.58	0	-15.83	0	28.68	0
	2F	3.36	56	Inv_sismica(all)	bot	-47.68	0	-15.83	0	-26.58	0
					top	-66.92	0	35.67	0	-60.92	0
	2F	3.36	57	Inv_sismica(all)	bot	-115.58	0	35.67	0	63.59	0
					top	-12.64	0	-9.72	0	17.01	0
	2F	3.36	58	Inv_sismica(all)	bot	-22.38	0	-9.72	0	-16.91	0
					top	-31.82	0	14.84	0	-26.94	0
	2F	3.36	59	Inv_sismica(all)	bot	-47.92	0	14.84	0	25.04	0
					top	-9.3	0	6.67	0	-11.67	0
	2F	3.36	60	Inv_sismica(all)	bot	-17.33	0	6.67	0	11.61	0
					top	-8.98	0	-4.59	0	8.01	0
	2F	3.36	61	Inv_sismica(all)	bot	-17.13	0	-4.59	0	-8	0
					top	-29.06	0	-14.77	0	25.92	0
	2F	3.36	62	Inv_sismica(all)	bot	-56.57	0	-14.77	0	-25.62	0
					top	-73.22	0	-47.44	0	107.36	0
	2F	3.36	63	Inv_sismica(all)	bot	-163.75	0	-47.44	0	70.02	0
					top	-91.81	0	34.16	0	-60.52	0
	2F	3.36	64	Inv_sismica(all)	bot	-177.32	0	34.16	0	-61.43	0
					top	-90.67	0	37.59	0	-67.13	0
	2F	3.36	65	Inv_sismica(all)	bot	-176.17	0	37.59	0	-64.31	0
					top	-9.83	0	-3	0	4.04	0
	2F	3.36	66	Inv_sismica(all)	bot	-36.15	0	-3	0	-6.44	0
					top	-16.16	0	16.25	0	-19.49	0
	2F	3.36	67	Inv_sismica(all)	bot	-58.87	0	16.25	0	-37.41	0
					top	-29.01	0	-19.71	0	34.48	0
	2F	3.36	68	Inv_sismica(all)	bot	-55.18	0	-19.71	0	-34.3	0
					top	-29.12	0	-19.79	0	34.42	0
	2F	3.36	69	Inv_sismica(all)	bot	-55.29	0	-19.79	0	-34.65	0
					top	-14.94	0	5.34	0	-9.33	0
	2F	3.36	70	Inv_sismica(all)	bot	-28.46	0	5.34	0	9.32	0
					top	-15.05	0	5.94	0	-10.38	0
	2F	3.36	71	Inv_sismica(all)	bot	-28.58	0	5.94	0	10.37	0
					top	-93.23	0	30.93	0	-54.36	0
	2F	3.36	72	Inv_sismica(all)	bot	-171.51	0	30.93	0	-54.77	0
					top	-105.8	0	31.47	0	-54.24	0
	2F	3.36	73	Inv_sismica(all)	bot	-184.09	0	31.47	0	55.62	0
					top	-108.56	0	31.92	0	-54.78	0
	2F	3.36	74	Inv_sismica(all)	bot	-186.85	0	31.92	0	56.63	0
					top	-105.72	0	32.91	0	-57.03	0
	2F	3.36	75	Inv_sismica(all)	bot	-184	0	32.91	0	57.82	0
					top	-94.79	0	34.4	0	-60.81	0
	2F	3.36	76	Inv_sismica(all)	bot	-173.08	0	34.4	0	59.27	0
					top	-18.82	0	-10.09	0	17.72	0
	2F	3.36	77	Inv_sismica(all)	bot	-32.78	0	-10.09	0	-17.51	0
					top	-22.16	0	6.37	0	-11.5	0

	2F	3.36	78	Inv_sismica(all)	bot	-35.35	0	6.37	0	10.74	0
					top	-50.51	0	22.37	0	-40.45	0
	2F	3.36	79	Inv_sismica(all)	bot	-88.77	0	22.37	0	37.62	0
					top	-29	0	-13.49	0	23.88	0
	2F	3.36	80	Inv_sismica(all)	bot	-49.85	0	-13.49	0	-23.2	0
					top	-39.5	0	11.95	0	-21.24	0
	2F	3.36	81	Inv_sismica(all)	bot	-67.35	0	11.95	0	-20.5	0
					top	-38.01	0	-12.65	0	22.45	0
	2F	3.36	82	Inv_sismica(all)	bot	-64.26	0	-12.65	0	-21.72	0
					top	-40.32	0	12.21	0	-21.79	0
	2F	3.36	83	Inv_sismica(all)	bot	-68.41	0	12.21	0	-21	0
					top	-37.32	0	-12.41	0	21.95	0
	2F	3.36	84	Inv_sismica(all)	bot	-63.33	0	-12.41	0	-21.37	0
					top	-29.14	0	12.23	0	-21.68	0
	2F	3.36	85	Inv_sismica(all)	bot	-49.98	0	12.23	0	21	0
					top	-51.11	0	-24.61	0	44.43	0
	2F	3.36	86	Inv_sismica(all)	bot	-89.38	0	-24.61	0	-41.48	0
					top	-22.15	0	-6.57	0	11.84	0
	2F	3.36	87	Inv_sismica(all)	bot	-35.35	0	-6.57	0	-11.09	0
					top	-19.23	0	9.33	0	-16.38	0
	2F	3.36	88	Inv_sismica(all)	bot	-33.19	0	9.33	0	16.17	0
					top	-142.31	0	-24.1	0	30.65	0
	1F	0	1	Inv_sismica(all)	bot	-186.92	0	-24.1	0	-50.43	0
					top	-42.14	0	-8.81	0	14.67	0
	1F	0	2	Inv_sismica(all)	bot	-55.15	0	-8.81	0	-14.92	0
					top	-103.69	0	-25.87	0	43.55	0
	1F	0	3	Inv_sismica(all)	bot	-135.29	0	-25.87	0	-43.38	0
					top	-66.92	0	13.71	0	-22.9	0
	1F	0	4	Inv_sismica(all)	bot	-88.04	0	13.71	0	23.18	0
					top	-69.48	0	-14.39	0	23.83	0
	1F	0	5	Inv_sismica(all)	bot	-90.59	0	-14.39	0	-24.53	0
					top	-89.7	0	17.3	0	-28.09	0
	1F	0	6	Inv_sismica(all)	bot	-116.17	0	17.3	0	30.03	0
					top	-26.82	0	5.33	0	-8.93	0
	1F	0	7	Inv_sismica(all)	bot	-34.66	0	5.33	0	8.97	0
					top	-26.5	0	-6.31	0	10.6	0
	1F	0	8	Inv_sismica(all)	bot	-34.24	0	-6.31	0	-10.59	0
					top	-88.56	0	-8.71	0	14.25	0
	1F	0	9	Inv_sismica(all)	bot	-104.06	0	-8.71	0	-15.02	0
					top	-168.94	0	38.48	0	-66.4	0
	1F	0	10	Inv_sismica(all)	bot	-215.8	0	38.48	0	62.92	0
					top	-31.5	0	-8.08	0	13.59	0
	1F	0	11	Inv_sismica(all)	bot	-40.87	0	-8.08	0	-13.56	0
					top	-89.28	0	8.45	0	-13.82	0
	1F	0	12	Inv_sismica(all)	bot	-104.78	0	8.45	0	14.56	0
					top	-26.97	0	6.06	0	-10.18	0
	1F	0	13	Inv_sismica(all)	bot	-34.7	0	6.06	0	10.18	0
					top	-27.24	0	-5.47	0	9.16	0
	1F	0	14	Inv_sismica(all)	bot	-35.08	0	-5.47	0	-9.21	0
					top	-91.31	0	-18.08	0	29.34	0
	1F	0	15	Inv_sismica(all)	bot	-117.79	0	-18.08	0	-31.41	0
					top	-261.46	0	-58.25	0	-92.98	0
	1F	0	16	Inv_sismica(all)	bot	-348.61	0	-58.25	0	-114.9	0
					top	-279.76	0	-55.31	0	-84.87	0
	1F	0	17	Inv_sismica(all)	bot	-362.08	0	-55.31	0	-115.46	0
					top	-283.19	0	57.52	0	-89.79	0
	1F	0	18	Inv_sismica(all)	bot	-365.51	0	57.52	0	-117.87	0
					top	-58.65	0	13.57	0	-22.71	0
	1F	0	19	Inv_sismica(all)	bot	-78.93	0	13.57	0	-23.01	0
					top	-76.52	0	17.1	0	-28.62	0
	1F	0	20	Inv_sismica(all)	bot	-101.86	0	17.1	0	-28.96	0
					top	-118.86	0	-32.68	0	-54.06	0
	1F	0	21	Inv_sismica(all)	bot	-159.98	0	-32.68	0	-55.78	0
					top	-87.34	0	-20.26	0	33.9	0
	1F	0	22	Inv_sismica(all)	bot	-112.54	0	-20.26	0	-34.19	0
					top	-88.32	0	-20.75	0	34.84	0
	1F	0	23	Inv_sismica(all)	bot	-113.52	0	-20.75	0	-34.88	0
					top	-45.63	0	-8.75	0	14.61	0
	1F	0	24	Inv_sismica(all)	bot	-58.65	0	-8.75	0	-14.79	0
					top	-46.11	0	9.14	0	-15.33	0
	1F	0	25	Inv_sismica(all)	bot	-59.13	0	9.14	0	15.38	0
					top	-44.79	0	-9.38	0	15.59	0
	1F	0	26	Inv_sismica(all)	bot	-58.74	0	-9.38	0	-15.94	0
					top	-43.09	0	9.28	0	-15.48	0
	1F	0	27	Inv_sismica(all)	bot	-56.61	0	9.28	0	15.71	0
					top	-120.87	0	-33.68	0	57.53	0
	1F	0	28	Inv_sismica(all)	bot	-159.76	0	-33.68	0	-55.65	0
					top	-140.32	0	36.42	0	-61.78	0
	1F	0	29	Inv_sismica(all)	bot	-185.09	0	36.42	0	-60.97	0
					top	-42.47	0	9.37	0	-15.67	0

	1F	0	30	Inv_sismica(all)	bot	-55.4	0	9.37	0	15.81	0
					top	-278.97	0	-50.62	0	-78.3	0
	1F	0	31	Inv_sismica(all)	bot	-354.34	0	-50.62	0	-102.49	0
					top	-266.44	0	-50.2	0	-79.85	0
	1F	0	32	Inv_sismica(all)	bot	-341.82	0	-50.2	0	-102.21	0
					top	-262.5	0	50.39	0	-80.21	0
	1F	0	33	Inv_sismica(all)	bot	-337.87	0	50.39	0	-102.04	0
					top	-268.08	0	51.35	0	-81.54	0
	1F	0	34	Inv_sismica(all)	bot	-343.45	0	51.35	0	-103.09	0
					top	-281.22	0	52.92	0	-83.54	0
	1F	0	35	Inv_sismica(all)	bot	-356.6	0	52.92	0	-105.12	0
					top	-54	0	-10.12	0	16.92	0
	1F	0	36	Inv_sismica(all)	bot	-67.44	0	-10.12	0	-17.1	0
					top	-64.63	0	5.75	0	-9.35	0
	1F	0	37	Inv_sismica(all)	bot	-77.33	0	5.75	0	9.97	0
					top	-139.36	0	26.21	0	-41.88	0
	1F	0	38	Inv_sismica(all)	bot	-176.2	0	26.21	0	46.18	0
					top	-77.99	0	-14.34	0	23.65	0
	1F	0	39	Inv_sismica(all)	bot	-98.06	0	-14.34	0	-24.52	0
					top	-103.12	0	-17.69	0	28.26	0
	1F	0	40	Inv_sismica(all)	bot	-129.93	0	-17.69	0	-31.18	0
					top	-98.04	0	16.61	0	-26.84	0
	1F	0	41	Inv_sismica(all)	bot	-123.31	0	16.61	0	-28.98	0
					top	-104.53	0	-18.1	0	29	0
	1F	0	42	Inv_sismica(all)	bot	-131.57	0	-18.1	0	-31.83	0
					top	-97.04	0	-16.4	0	26.32	0
	1F	0	43	Inv_sismica(all)	bot	-122.08	0	-16.4	0	-28.79	0
					top	-78.14	0	13.97	0	-23.06	0
	1F	0	44	Inv_sismica(all)	bot	-98.21	0	13.97	0	23.87	0
					top	-140.62	0	-26.82	0	42.69	0
	1F	0	45	Inv_sismica(all)	bot	-177.46	0	-26.82	0	-47.44	0
					top	-64.43	0	-5.74	0	9.31	0
	1F	0	46	Inv_sismica(all)	bot	-77.13	0	-5.74	0	-9.97	0
					top	-54.31	0	9.91	0	-16.56	0
	1F	0	47	Inv_sismica(all)	bot	-67.75	0	9.91	0	16.72	0

-----S T A R T I N G S O L U T I O N

MULTI-FRONTAL SOLVER
AVAILABLE MEMORY = 11.1 GBYTES

INTERNAL DATA REGENERATION (ENTRY REGEN_MODEL)

▲** MIDAS/Gen WINDOWS VERSION 8.8.1
2/2020 TIME 18:40:42

DATE APR/

** Modeling, Integrated Design & Analysis Software
XP/VISTA/7/8/8.1 VERSION

PC WINDOWS

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N U M B E R I N G E Q U A T I O N

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INFORMATION FOR EQUATION NUMBER

SERIAL NO.	NODE NO.	EQUATION NUMBERS FOR EACH DEGREE OF FREEDOM					
		X	Y	Z	XX	YY	ZZ
1	1	0	0	0	0	0	0
2	2	0	0	0	0	0	0
3	3	0	0	0	0	0	0
4	4	0	0	0	0	0	0
5	5	0	0	0	0	0	0
6	6	0	0	0	0	0	0
7	7	0	0	0	0	0	0
8	8	0	0	0	0	0	0
9	9	0	0	0	0	0	0
10	10	0	0	0	0	0	0
11	11	0	0	0	0	0	0
12	12	0	0	0	0	0	0
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26	26	0	0	0	0	0	0
27	27	0	0	0	0	0	0

28	28	0	0	0	0	0	0
29	29	0	0	0	0	0	0
30	30	0	0	0	0	0	0
31	31	0	0	0	0	0	0
32	32	0	0	0	0	0	0
33	33	0	0	0	0	0	0
34	34	0	0	0	0	0	0
35	35	0	0	0	0	0	0
36	36	0	0	0	0	0	0
37	37	0	0	0	0	0	0
38	38	0	0	0	0	0	0
39	39	0	0	0	0	0	0
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43	43	0	0	0	0	0	0
44	44	0	0	0	0	0	0
45	45	0	0	0	0	0	0
46	46	0	0	0	0	0	0
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56	56	0	0	0	0	0	0
57	57	0	0	0	0	0	0
58	58	0	0	0	0	0	0
59	59	0	0	0	0	0	0
60	60	0	0	0	0	0	0
61	61	0	0	0	0	0	0
62	62	0	0	0	0	0	0
63	63	0	0	0	0	0	0
64	64	0	0	0	0	0	0
65	65	0	0	0	0	0	0
66	66	388	389	1	2	3	390
67	67	388	389	4	5	6	390
68	68	388	389	7	8	9	390
69	69	388	389	10	11	12	390
70	70	388	389	13	14	15	390
71	71	388	389	16	17	18	390
72	72	388	389	19	20	21	390
73	73	388	389	22	23	24	390
74	74	388	389	25	26	27	390
75	75	388	389	28	29	30	390
76	76	388	389	31	32	33	390
77	77	388	389	34	35	36	390
78	78	388	389	37	38	39	390
79	79	388	389	40	41	42	390
80	80	388	389	43	44	45	390
81	81	388	389	46	47	48	390

82	82	388	389	49	50	51	390
83	83	388	389	52	53	54	390
84	84	388	389	55	56	57	390
85	85	388	389	58	59	60	390
86	86	388	389	61	62	63	390
87	87	388	389	64	65	66	390
88	88	388	389	67	68	69	390
89	89	388	389	70	71	72	390
90	90	388	389	73	74	75	390
91	91	388	389	76	77	78	390
92	92	388	389	79	80	81	390
93	93	388	389	82	83	84	390
94	94	388	389	85	86	87	390
95	95	388	389	88	89	90	390
96	96	388	389	91	92	93	390
97	97	388	389	94	95	96	390
98	98	388	389	97	98	99	390
99	99	388	389	100	101	102	390
100	100	388	389	103	104	105	390
101	101	388	389	106	107	108	390
102	102	388	389	109	110	111	390
103	103	388	389	112	113	114	390
104	104	388	389	115	116	117	390
105	105	388	389	118	119	120	390
106	106	388	389	121	122	123	390
107	107	388	389	124	125	126	390
108	108	388	389	127	128	129	390
109	109	388	389	130	131	132	390
110	110	388	389	133	134	135	390
111	111	388	389	136	137	138	390
112	112	388	389	139	140	141	390
113	113	388	389	142	143	144	390
114	114	388	389	145	146	147	390
115	115	388	389	148	149	150	390
116	116	388	389	151	152	153	390
117	117	388	389	154	155	156	390
118	118	388	389	157	158	159	390
119	119	388	389	160	161	162	390
120	120	388	389	163	164	165	390
121	121	388	389	166	167	168	390
122	122	388	389	169	170	171	390
123	123	388	389	172	173	174	390
124	124	388	389	175	176	177	390
125	125	388	389	178	179	180	390
126	126	388	389	181	182	183	390
127	127	388	389	184	185	186	390
128	128	388	389	187	188	189	390
129	129	388	389	190	191	192	390
130	130	388	389	193	194	195	390
131	131	391	392	196	197	198	393
132	132	391	392	199	200	201	393
133	133	391	392	202	203	204	393
134	134	391	392	205	206	207	393
135	135	391	392	208	209	210	393

136	136	391	392	211	212	213	393
137	137	391	392	214	215	216	393
138	138	391	392	217	218	219	393
139	139	391	392	220	221	222	393
140	140	391	392	223	224	225	393
141	141	391	392	226	227	228	393
142	142	391	392	229	230	231	393
143	143	391	392	232	233	234	393
144	144	391	392	235	236	237	393
145	145	391	392	238	239	240	393
146	146	391	392	241	242	243	393
147	147	391	392	244	245	246	393
148	148	391	392	247	248	249	393
149	149	391	392	250	251	252	393
150	150	391	392	253	254	255	393
151	151	391	392	256	257	258	393
152	152	391	392	259	260	261	393
153	153	391	392	262	263	264	393
154	154	391	392	265	266	267	393
155	155	391	392	268	269	270	393
156	156	391	392	271	272	273	393
157	157	391	392	274	275	276	393
158	158	391	392	277	278	279	393
159	159	391	392	280	281	282	393
160	160	391	392	283	284	285	393
161	161	391	392	286	287	288	393
162	162	391	392	289	290	291	393
163	163	391	392	292	293	294	393
164	164	391	392	295	296	297	393
165	165	391	392	298	299	300	393
166	166	391	392	301	302	303	393
167	167	391	392	304	305	306	393
168	168	391	392	307	308	309	393
169	169	391	392	310	311	312	393
170	170	391	392	313	314	315	393
171	171	391	392	316	317	318	393
172	172	391	392	319	320	321	393
173	173	391	392	322	323	324	393
174	174	391	392	325	326	327	393
175	175	391	392	328	329	330	393
176	176	391	392	331	332	333	393
177	177	391	392	334	335	336	393
178	178	391	392	337	338	339	393
179	179	391	392	340	341	342	393
180	180	391	392	343	344	345	393
181	181	391	392	346	347	348	393
182	182	391	392	349	350	351	393
183	183	391	392	352	353	354	393
184	184	391	392	355	356	357	393
185	185	391	392	358	359	360	393
186	186	391	392	361	362	363	393
187	187	391	392	364	365	366	393
188	188	391	392	367	368	369	393
189	189	391	392	370	371	372	393

190	190	391	392	373	374	375	393
191	191	391	392	376	377	378	393
192	192	391	392	379	380	381	393
193	193	391	392	382	383	384	393
194	194	391	392	385	386	387	393
195	2F	388	389	0	0	0	390
196	Roof	391	392	0	0	0	393

RIGID TYPE SPRING STIFFNESS DIMENSION UNIT : KN , M
TRANSLATIONAL STIFFNESS : 7.5566115E+18
ROTATIONAL STIFFNESS : 7.5566115E+18

EQUATION STATUS

TOTAL NUMBER OF VALID DOFS IN MODEL: 393
NUMBER OF EQUATIONS IN A BLOCK: 393
NUMBER OF BLOCKS: 1
NUMBER OF INTERNAL LOADCASES: 9

▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

2/2020 TIME 18:40:43

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

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S E T U P E Q U A T I O N P R O F I L E

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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT: 4.50316E+03 KN

THE CENTER OF GRAVITY OF FINITE ELEMENT MODEL

X-COORDINATE OF C.G: 1.54600E+01 M

Y-COORDINATE OF C.G: 5.52130E+00 M

Z-COORDINATE OF C.G: 3.88890E+00 M

MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
1 0 1 0 0 0 0

MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
1 0 2 0 0 0 0

MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
1 0 3 0 0 0 0

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MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
406 0 4 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
406 0 5 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
406 0 6 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 1 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 2 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 3 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 4 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 5 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
407 0 6 0 0 0 0

STATIC ANALYSIS TIME LOG (IN SECOND)

MULTI-FRONTAL SOLUTION	0.18
DISPLACEMENT OUTPUT	0.11
STRESS OUTPUT	2.90
TOTAL SOLUTION TIME (SUM OF THE ABOVE)	3.19

▲** MIDAS/Gen WINDOWS VERSION 8.8.1	DATE APR/
2/2020 TIME 18:40:46	
** Modeling, Integrated Design & Analysis Software	PC WINDOWS
XP/VISTA/7/8/8.1 VERSION	

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E I G E N V A L U E A N A L Y S I S

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MODE	F R E Q U E N C Y	PERIOD	TOLERANCE
NO.	[RAD/SEC] [CYCLES/SEC]	[SEC]	
-----	-----	-----	-----
1	1.842147E+02 2.931868E+01	3.41079E-02	0.00000E+00
2	2.021013E+02 3.216542E+01	3.10893E-02	0.00000E+00
3	2.397743E+02 3.816126E+01	2.62046E-02	0.00000E+00
4	2.742858E+02 4.365394E+01	2.29074E-02	0.00000E+00
5	3.436293E+02 5.469029E+01	1.82848E-02	0.00000E+00
6	4.645111E+02 7.392924E+01	1.35264E-02	0.00000E+00
7	4.683158E+02 7.453477E+01	1.34166E-02	0.00000E+00
8	4.770335E+02 7.592224E+01	1.31714E-02	0.00000E+00
9	4.865890E+02 7.744305E+01	1.29127E-02	0.00000E+00

10	4.892877E+02	7.787256E+01	1.28415E-02	0.00000E+00
11	5.475044E+02	8.713802E+01	1.14760E-02	0.00000E+00
12	5.488906E+02	8.735865E+01	1.14471E-02	0.00000E+00
13	6.289449E+02	1.000997E+02	9.99004E-03	0.00000E+00
14	6.498699E+02	1.034300E+02	9.66837E-03	0.00000E+00
15	6.591088E+02	1.049004E+02	9.53285E-03	0.00000E+00
16	6.901646E+02	1.098431E+02	9.10389E-03	0.00000E+00
17	8.065669E+02	1.283691E+02	7.79004E-03	0.00000E+00
18	8.066116E+02	1.283762E+02	7.78960E-03	0.00000E+00
19	8.490487E+02	1.351303E+02	7.40026E-03	0.00000E+00
20	8.604756E+02	1.369489E+02	7.30199E-03	0.00000E+00
21	9.284632E+02	1.477695E+02	6.76730E-03	0.00000E+00
22	1.038412E+03	1.652684E+02	6.05076E-03	7.11355-152
23	1.045966E+03	1.664707E+02	6.00706E-03	1.77174-151
24	1.050448E+03	1.671839E+02	5.98144E-03	7.49170-151
25	1.139805E+03	1.814056E+02	5.51251E-03	3.13830-128
26	1.139860E+03	1.814144E+02	5.51224E-03	3.73937-129
27	1.143079E+03	1.819266E+02	5.49672E-03	1.39525-125
28	1.143165E+03	1.819404E+02	5.49631E-03	3.90132-123
29	1.143166E+03	1.819405E+02	5.49630E-03	1.17278-122
30	1.143194E+03	1.819450E+02	5.49616E-03	2.80910-124

MAJOR MODE OF DIRECTIONAL MODAL PARTICIPATION MASS

DIRECTION	MAJOR MODE	M.P.M
DIR-X	1	90.533
DIR-Y	2	91.657
DIR-Z	9	46.167

MODAL PARTICIPATION MASSES(PERCENT)

MODE		TRAN-X		TRAN-Y		TRAN-Z		ROTN-X	
ROTN-Y		ROTN-Z							
NUMBER	MASS	SUM	MASS	SUM	MASS	SUM	MASS	SUM	
MASS	SUM	MASS	SUM						
1	90.533	90.533	0.000	0.000	0.001	0.001	0.000	0.000	
0.096	0.096	0.137	0.137						
2	0.000	90.533	91.657	91.657	0.006	0.007	0.114	0.114	
0.000	0.096	0.036	0.173						
3	0.124	90.657	0.037	91.694	0.000	0.008	0.000	0.114	
0.001	0.097	95.625	95.799						
4	0.003	90.660	0.002	91.696	1.499	1.507	0.000	0.114	
0.000	0.097	0.000	95.799						
5	0.004	90.665	0.002	91.698	1.754	3.260	0.000	0.114	
0.016	0.113	0.000	95.799						

	6	0.057	90.722	2.437	94.135	14.019	17.279	0.025	0.139
0.000	0.113	0.002	95.800						
	7	0.022	90.744	0.003	94.138	0.046	17.326	0.000	0.139
0.015	0.128	0.000	95.801						
	8	0.176	90.920	0.000	94.138	0.005	17.331	0.000	0.139
0.047	0.175	0.022	95.822						
	9	0.900	91.819	2.716	96.854	46.167	63.498	0.026	0.165
0.003	0.178	0.000	95.822						
	10	7.041	98.861	0.165	97.019	6.735	70.234	0.002	0.167
0.054	0.232	0.000	95.823						
	11	0.723	99.584	0.608	97.627	4.333	74.566	0.000	0.167
0.007	0.239	0.044	95.866						
	12	0.232	99.816	2.066	99.692	14.273	88.840	0.002	0.170
0.002	0.241	0.005	95.871						
	13	0.001	99.817	0.234	99.926	6.195	95.035	0.023	0.193
0.000	0.241	0.000	95.871						
	14	0.010	99.827	0.000	99.926	0.003	95.038	0.000	0.193
0.011	0.252	1.215	97.086						
	15	0.008	99.835	0.002	99.928	0.004	95.041	0.000	0.193
0.002	0.254	2.862	99.948						
	16	0.001	99.836	0.042	99.970	0.070	95.111	0.105	0.299
0.000	0.254	0.001	99.950						
	17	0.000	99.836	0.000	99.970	0.000	95.111	0.070	0.369
0.000	0.254	0.000	99.950						
	18	0.000	99.836	0.000	99.970	0.000	95.111	2.715	3.083
0.000	0.254	0.000	99.950						
	19	0.016	99.852	0.000	99.970	0.225	95.336	0.004	3.087
0.002	0.257	0.004	99.953						
	20	0.027	99.879	0.000	99.970	0.108	95.444	0.000	3.088
0.001	0.257	0.011	99.965						
	21	0.000	99.879	0.001	99.972	0.051	95.495	0.021	3.108
0.005	0.263	0.002	99.966						
	22	0.000	99.879	0.000	99.972	0.000	95.495	0.000	3.108
0.258	0.521	0.000	99.966						
	23	0.003	99.882	0.000	99.972	0.248	95.743	0.000	3.108
0.000	0.521	0.000	99.967						
	24	0.007	99.889	0.000	99.973	0.103	95.846	0.000	3.108
0.000	0.521	0.001	99.968						
	25	0.000	99.889	0.000	99.973	0.000	95.846	0.049	3.158
0.000	0.521	0.000	99.968						
	26	0.000	99.889	0.000	99.973	0.000	95.846	1.881	5.039
0.000	0.521	0.000	99.968						
	27	0.000	99.889	0.000	99.973	0.000	95.846	0.046	5.085
0.000	0.521	0.000	99.968						
	28	0.000	99.889	0.000	99.973	0.000	95.846	0.020	5.105
0.000	0.521	0.000	99.968						
	29	0.000	99.889	0.000	99.973	0.000	95.846	0.000	5.105
0.000	0.521	0.000	99.968						
	30	0.000	99.889	0.000	99.973	0.000	95.846	4.199	9.304
0.000	0.521	0.000	99.968						

MODAL EQRTQUAKE EXCITATION FACTOR KN M

MODE ROTN-Z	TRAN-X	TRAN-Y	TRAN-Z	ROTN-X	ROTN-Y
-----	-----	-----	-----	-----	-----
1	0.22918E+02	0.17773E-02	0.80642E-01	-0.64913E-03	
-0.76905E-01	-0.88274E+01				
2	0.30675E-01	0.23060E+02	-0.18912E+00	0.10816E+00	
-0.49010E-03	0.45594E+01				
3	-0.84874E+00	0.46258E+00	-0.41273E-01	0.29531E-03	
0.67784E-02	-0.23340E+03				
4	0.13533E+00	-0.11279E+00	-0.29478E+01	0.22650E-03	
0.32669E-03	-0.55140E-01				
5	0.15899E+00	0.10424E+00	0.31886E+01	-0.80900E-03	
0.31409E-01	0.59485E-01				
6	-0.57478E+00	-0.37602E+01	0.90149E+01	0.50576E-01	
0.14261E-02	-0.97317E+00				
7	0.36004E+00	0.12504E+00	0.51848E+00	-0.18274E-02	
0.30407E-01	-0.39410E+00				
8	0.10101E+01	-0.18445E-01	0.16981E+00	0.24589E-03	
0.53769E-01	-0.35091E+01				
9	-0.22847E+01	0.39697E+01	0.16360E+02	-0.52020E-01	
0.14152E-01	0.41001E+00				
10	0.63915E+01	0.97807E+00	0.62487E+01	-0.14466E-01	
-0.57893E-01	-0.23534E+00				
11	-0.20485E+01	0.18780E+01	-0.50118E+01	-0.62583E-02	
-0.20088E-01	0.49908E+01				
12	0.11595E+01	0.34618E+01	-0.90963E+01	-0.15390E-01	
0.12171E-01	-0.16050E+01				
13	-0.89930E-01	-0.11647E+01	-0.59927E+01	-0.48760E-01	
0.53709E-03	0.50896E+00				
14	-0.23687E+00	0.30977E-01	-0.13456E+00	-0.49721E-02	
-0.25719E-01	-0.26309E+02				
15	-0.21972E+00	0.10393E+00	-0.14788E+00	-0.93917E-03	
0.11736E-01	-0.40376E+02				
16	0.64508E-01	0.49314E+00	0.63654E+00	0.10413E+00	
0.26950E-02	0.90880E+00				
17	0.76886E-04	0.55446E-02	0.38674E-02	0.85045E-01	
-0.44391E-04	-0.10032E-01				
18	-0.12538E-02	-0.39346E-02	0.10413E-01	0.52833E+00	
0.15538E-03	0.88038E-02				
19	0.30549E+00	-0.29555E-01	0.11417E+01	0.20295E-01	
-0.12002E-01	0.14524E+01				
20	-0.39559E+00	-0.15533E-01	0.79025E+00	-0.35902E-02	
0.70910E-02	-0.25278E+01				
21	0.38002E-01	0.91911E-01	-0.54493E+00	-0.46287E-01	
0.18329E-01	0.10544E+01				
22	0.88188E-03	-0.39607E-04	0.54615E-03	-0.21898E-04	
0.12613E+00	-0.13041E-02				
23	-0.12893E+00	0.53437E-01	0.11986E+01	-0.94792E-03	
0.21447E-02	0.52478E+00				
24	0.19784E+00	0.34808E-01	0.77246E+00	-0.10823E-02	
-0.27200E-02	-0.77982E+00				
25	0.13773E-03	0.64819E-02	0.95862E-02	0.71244E-01	

0.34655E-04	0.13811E-01				
26	-0.15706E-02	-0.33019E-02	0.15045E-01	0.43976E+00	
0.10773E-03	-0.11024E-02				
27	0.12357E-02	0.10057E-01	-0.58153E-03	0.69109E-01	
-0.77167E-05	0.89829E-02				
28	-0.36962E-03	-0.36373E-03	0.21685E-02	0.44890E-01	
0.51399E-04	0.16886E-02				
29	0.20606E-03	0.34599E-03	-0.31554E-03	-0.43020E-03	
-0.91210E-05	-0.33410E-02				
30	-0.16054E-02	-0.38111E-02	0.27212E-01	0.65713E+00	
0.21774E-04	-0.85454E-02				

EFFECTIVE MODAL MASS & RATIO N M

MODE	TRAN-X		TRAN-Y		TRAN-Z	
	ROTN-X		ROTN-Y		ROTN-Z	

NUMBER	MASS	SUM	MASS	SUM	MASS	SUM
SUM	MASS	SUM	MASS	SUM	MASS	SUM

1	0.52524E+06	0.52524E+06	0.31587E-02	0.31587E-02	0.65032E+01	
0.65032E+01	0.42137E-03	0.42137E-03	0.59144E+01	0.59144E+01	0.77924E+05	
0.77924E+05						
2	0.94093E+00	0.52524E+06	0.53176E+06	0.53176E+06	0.35765E+02	
0.42268E+02	0.11698E+02	0.11698E+02	0.24020E-03	0.59147E+01	0.20788E+05	
0.98711E+05						
3	0.72036E+03	0.52596E+06	0.21398E+03	0.53197E+06	0.17035E+01	
0.43972E+02	0.87206E-04	0.11698E+02	0.45947E-01	0.59606E+01	0.54473E+08	
0.54572E+08						
4	0.18315E+02	0.52598E+06	0.12721E+02	0.53199E+06	0.86898E+04	
0.87338E+04	0.51300E-04	0.11698E+02	0.10673E-03	0.59607E+01	0.30404E+01	
0.54572E+08						
5	0.25278E+02	0.52600E+06	0.10867E+02	0.53200E+06	0.10167E+05	
0.18901E+05	0.65448E-03	0.11699E+02	0.98650E+00	0.69472E+01	0.35385E+01	
0.54572E+08						
6	0.33037E+03	0.52633E+06	0.14139E+05	0.54614E+06	0.81269E+05	
0.10017E+06	0.25580E+01	0.14257E+02	0.20338E-02	0.69493E+01	0.94706E+03	
0.54573E+08						
7	0.12963E+03	0.52646E+06	0.15634E+02	0.54615E+06	0.26883E+03	
0.10044E+06	0.33392E-02	0.14260E+02	0.92457E+00	0.78738E+01	0.15531E+03	
0.54573E+08						
8	0.10203E+04	0.52748E+06	0.34020E+00	0.54615E+06	0.28837E+02	
0.10047E+06	0.60464E-04	0.14260E+02	0.28911E+01	0.10765E+02	0.12314E+05	
0.54586E+08						
9	0.52197E+04	0.53270E+06	0.15759E+05	0.56191E+06	0.26764E+06	
0.36810E+06	0.27061E+01	0.16966E+02	0.20029E+00	0.10965E+02	0.16810E+03	
0.54586E+08						

10	0.40851E+05	0.57355E+06	0.95661E+03	0.56287E+06	0.39046E+05
0.40715E+06	0.20926E+00	0.17175E+02	0.33516E+01	0.14317E+02	0.55384E+02
0.54586E+08					
11	0.41963E+04	0.57775E+06	0.35268E+04	0.56640E+06	0.25118E+05
0.43227E+06	0.39166E-01	0.17215E+02	0.40354E+00	0.14720E+02	0.24908E+05
0.54611E+08					
12	0.13446E+04	0.57909E+06	0.11984E+05	0.57838E+06	0.82742E+05
0.51501E+06	0.23684E+00	0.17451E+02	0.14814E+00	0.14869E+02	0.25759E+04
0.54613E+08					
13	0.80874E+01	0.57910E+06	0.13566E+04	0.57974E+06	0.35913E+05
0.55092E+06	0.23775E+01	0.19829E+02	0.28846E-03	0.14869E+02	0.25904E+03
0.54614E+08					
14	0.56107E+02	0.57916E+06	0.95960E+00	0.57974E+06	0.18107E+02
0.55094E+06	0.24721E-01	0.19854E+02	0.66144E+00	0.15530E+02	0.69218E+06
0.55306E+08					
15	0.48277E+02	0.57921E+06	0.10801E+02	0.57975E+06	0.21868E+02
0.55096E+06	0.88203E-03	0.19855E+02	0.13773E+00	0.15668E+02	0.16303E+07
0.56936E+08					
16	0.41612E+01	0.57921E+06	0.24319E+03	0.57999E+06	0.40518E+03
0.55137E+06	0.10843E+02	0.30697E+02	0.72629E-02	0.15675E+02	0.82591E+03
0.56937E+08					
17	0.59114E-05	0.57921E+06	0.30743E-01	0.57999E+06	0.14957E-01
0.55137E+06	0.72327E+01	0.37930E+02	0.19706E-05	0.15675E+02	0.10064E+00
0.56937E+08					
18	0.15719E-02	0.57921E+06	0.15481E-01	0.57999E+06	0.10843E+00
0.55137E+06	0.27914E+03	0.31707E+03	0.24144E-04	0.15675E+02	0.77508E-01
0.56937E+08					
19	0.93325E+02	0.57930E+06	0.87352E+00	0.57999E+06	0.13035E+04
0.55267E+06	0.41188E+00	0.31748E+03	0.14405E+00	0.15819E+02	0.21094E+04
0.56939E+08					
20	0.15649E+03	0.57946E+06	0.24126E+00	0.57999E+06	0.62450E+03
0.55330E+06	0.12889E-01	0.31749E+03	0.50282E-01	0.15870E+02	0.63896E+04
0.56945E+08					
21	0.14441E+01	0.57946E+06	0.84476E+01	0.58000E+06	0.29695E+03
0.55359E+06	0.21425E+01	0.31963E+03	0.33596E+00	0.16206E+02	0.11119E+04
0.56946E+08					
22	0.77771E-03	0.57946E+06	0.15688E-05	0.58000E+06	0.29828E-03
0.55359E+06	0.47954E-06	0.31963E+03	0.15908E+02	0.32114E+02	0.17008E-02
0.56946E+08					
23	0.16623E+02	0.57948E+06	0.28555E+01	0.58000E+06	0.14367E+04
0.55503E+06	0.89855E-03	0.31963E+03	0.45998E-02	0.32119E+02	0.27540E+03
0.56947E+08					
24	0.39142E+02	0.57952E+06	0.12116E+01	0.58000E+06	0.59670E+03
0.55563E+06	0.11714E-02	0.31964E+03	0.73983E-02	0.32126E+02	0.60812E+03
0.56947E+08					
25	0.18969E-04	0.57952E+06	0.42015E-01	0.58000E+06	0.91894E-01
0.55563E+06	0.50757E+01	0.32471E+03	0.12010E-05	0.32126E+02	0.19076E+00
0.56947E+08					
26	0.24667E-02	0.57952E+06	0.10902E-01	0.58000E+06	0.22635E+00
0.55563E+06	0.19339E+03	0.51810E+03	0.11606E-04	0.32126E+02	0.12152E-02
0.56947E+08					
27	0.15271E-02	0.57952E+06	0.10115E+00	0.58000E+06	0.33818E-03
0.55563E+06	0.47761E+01	0.52287E+03	0.59547E-07	0.32126E+02	0.80693E-01
0.56947E+08					

28	0.13662E-03	0.57952E+06	0.13230E-03	0.58000E+06	0.47026E-02
0.55563E+06	0.20151E+01	0.52489E+03	0.26418E-05	0.32126E+02	0.28512E-02
0.56947E+08					
29	0.42461E-04	0.57952E+06	0.11971E-03	0.58000E+06	0.99567E-04
0.55563E+06	0.18507E-03	0.52489E+03	0.83193E-07	0.32126E+02	0.11162E-01
0.56947E+08					
30	0.25773E-02	0.57952E+06	0.14524E-01	0.58000E+06	0.74048E+00
0.55563E+06	0.43182E+03	0.95671E+03	0.47413E-06	0.32126E+02	0.73024E-01
0.56947E+08					

MODAL DIRECTION FACTOR

MODE	TRAN-X	TRAN-Y	TRAN-Z	ROTN-X	ROTN-Y
ROTN-Z					
1	99.2533	0.0006	0.5990	0.0001	
0.0087	0.1384				
2	0.0004	98.0798	1.8704	0.0112	
0.0001	0.0380				
3	0.1396	0.0391	0.1056	0.0002	
0.0021	99.7134				
4	0.0035	0.0024	97.4773	0.0000	
2.5169	0.0000				
5	0.0062	0.0021	96.8846	0.0000	
3.1070	0.0000				
6	0.4609	13.0032	86.3895	0.0726	
0.0684	0.0053				
7	0.1244	0.0127	99.4197	0.0001	
0.4414	0.0017				
8	0.8523	0.0005	98.9111	0.0001	
0.1017	0.1344				
9	10.3695	19.6206	69.8177	0.0833	
0.0869	0.0220				
10	71.9108	0.9274	27.0069	0.0056	
0.1025	0.0469				
11	21.3050	12.2289	65.8128	0.0082	
0.0565	0.5886				
12	6.2480	37.7780	55.8098	0.0271	
0.0827	0.0544				
13	0.1234	19.5501	80.2199	0.0431	
0.0592	0.0044				
14	0.0101	0.0027	66.0695	0.0013	
0.0599	33.8565				
15	0.3853	0.0771	23.9441	0.0022	
0.0169	75.5745				
16	0.1448	21.3715	78.1143	0.2369	
0.0410	0.0915				
17	0.0000	0.0000	0.0017	99.9983	
0.0000	0.0000				
18	0.0002	0.0021	0.0398	99.9577	
0.0001	0.0002				

19	0.0449	0.0962	98.2776	0.0087
1.5475	0.0251			
20	0.1204	0.0041	98.2460	0.0005
1.5486	0.0804			
21	1.0487	0.3623	97.3676	0.0471
0.5718	0.6025			
22	0.0000	0.0000	0.0006	0.0000
99.9994	0.0000			
23	0.0119	0.0006	99.5955	0.0035
0.3852	0.0034			
24	0.0264	0.0003	99.5720	0.0019
0.3928	0.0066			
25	0.0000	0.0000	0.0159	99.9840
0.0000	0.0000			
26	0.0000	0.0001	0.0159	99.9840
0.0001	0.0000			
27	0.0000	0.0001	0.0322	99.9676
0.0001	0.0000			
28	0.0000	0.0000	0.0005	99.9995
0.0000	0.0000			
29	0.0000	0.0000	0.0001	99.9999
0.0000	0.0000			
30	0.0000	0.0001	0.0323	99.9674
0.0001	0.0000			

EIGEN VALUE ANALYSIS TIME LOG (IN SECOND)

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EIGENSOLUTION .....: 0.07
PRINTING .....: 9.93
TOTAL SOLUTION TIME (SUM OF THE ABOVE) .....: 10.00

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▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

2/2020 TIME 18:40:56

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

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R E S P O N S E S P E C T R U M A N A L Y S I S

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M O D A L P A R T I C I P A T I O N F A C T O R

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	724.7330	0.0562	2.5501
2	0.9700	729.2192	-5.9804

3	-26.8396	14.6280	-1.3052
4	4.2796	-3.5666	-93.2190
5	5.0277	3.2965	100.8325
6	-18.1762	-118.9075	285.0766
7	11.3855	3.9540	16.3959
8	31.9414	-0.5833	5.3700
9	-72.2476	125.5329	517.3351
10	202.1167	30.9292	197.6003
11	-64.7785	59.3869	-158.4868
12	36.6682	109.4712	-287.6498
13	-2.8438	-36.8326	-189.5060
14	-7.4905	0.9796	-4.2552
15	-6.9482	3.2865	-4.6763
16	2.0399	15.5944	20.1290
17	0.0024	0.1753	0.1223
18	-0.0396	-0.1244	0.3293
19	9.6605	-0.9346	36.1044
20	-12.5097	-0.4912	24.9900
21	1.2017	2.9065	-17.2323
22	0.0279	-0.0013	0.0173
23	-4.0771	1.6898	37.9038
24	6.2564	1.1007	24.4274
25	0.0044	0.2050	0.3031
26	-0.0497	-0.1044	0.4758
27	0.0391	0.3180	-0.0184
28	-0.0117	-0.0115	0.0686
29	0.0065	0.0109	-0.0100
30	-0.0508	-0.1205	0.8605

MODAL SPECTRAL VALUE

S P E C T R U M N O . : 1

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
1	0.034108	0.9299	0.0050	0.0000
2	0.031089	0.9257	0.0046	0.0000
3	0.026205	0.9180	0.0038	0.0000
4	0.022907	0.9120	0.0033	0.0000
5	0.018285	0.9021	0.0026	0.0000
6	0.013526	0.8889	0.0019	0.0000
7	0.013417	0.8885	0.0019	0.0000
8	0.013171	0.8877	0.0019	0.0000
9	0.012913	0.8869	0.0018	0.0000
10	0.012841	0.8866	0.0018	0.0000
11	0.011476	0.8818	0.0016	0.0000
12	0.011447	0.8817	0.0016	0.0000
13	0.009990	0.8759	0.0014	0.0000
14	0.009668	0.8745	0.0013	0.0000
15	0.009533	0.8739	0.0013	0.0000
16	0.009104	0.8719	0.0013	0.0000
17	0.007790	0.8653	0.0011	0.0000

18	0.007790	0.8653	0.0011	0.0000
19	0.007400	0.8631	0.0010	0.0000
20	0.007302	0.8626	0.0010	0.0000
21	0.006767	0.8594	0.0009	0.0000
22	0.006051	0.8547	0.0008	0.0000
23	0.006007	0.8544	0.0008	0.0000
24	0.005981	0.8542	0.0008	0.0000
25	0.005513	0.8508	0.0007	0.0000
26	0.005512	0.8508	0.0007	0.0000
27	0.005497	0.8507	0.0007	0.0000
28	0.005496	0.8507	0.0007	0.0000
29	0.005496	0.8507	0.0007	0.0000
30	0.005496	0.8507	0.0007	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 1

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0199	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	-0.0004	0.0000	0.0000
4	0.0001	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	-0.0001	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0001	0.0000	0.0000
9	-0.0003	0.0000	0.0000
10	0.0007	0.0000	0.0000
11	-0.0002	0.0000	0.0000
12	0.0001	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000

MODAL SPECTRAL VALUE

SPECTRUM NO. : 2

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
1	0.034108	0.9299	0.0050	0.0000
2	0.031089	0.9257	0.0046	0.0000
3	0.026205	0.9180	0.0038	0.0000
4	0.022907	0.9120	0.0033	0.0000
5	0.018285	0.9021	0.0026	0.0000
6	0.013526	0.8889	0.0019	0.0000
7	0.013417	0.8885	0.0019	0.0000
8	0.013171	0.8877	0.0019	0.0000
9	0.012913	0.8869	0.0018	0.0000
10	0.012841	0.8866	0.0018	0.0000
11	0.011476	0.8818	0.0016	0.0000
12	0.011447	0.8817	0.0016	0.0000
13	0.009990	0.8759	0.0014	0.0000
14	0.009668	0.8745	0.0013	0.0000
15	0.009533	0.8739	0.0013	0.0000
16	0.009104	0.8719	0.0013	0.0000
17	0.007790	0.8653	0.0011	0.0000
18	0.007790	0.8653	0.0011	0.0000
19	0.007400	0.8631	0.0010	0.0000
20	0.007302	0.8626	0.0010	0.0000
21	0.006767	0.8594	0.0009	0.0000
22	0.006051	0.8547	0.0008	0.0000
23	0.006007	0.8544	0.0008	0.0000
24	0.005981	0.8542	0.0008	0.0000
25	0.005513	0.8508	0.0007	0.0000
26	0.005512	0.8508	0.0007	0.0000
27	0.005497	0.8507	0.0007	0.0000
28	0.005496	0.8507	0.0007	0.0000
29	0.005496	0.8507	0.0007	0.0000
30	0.005496	0.8507	0.0007	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

SPECTRUM NO. : 2

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0000	0.0000	0.0000
2	0.0000	0.0165	0.0000
3	0.0000	0.0002	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	-0.0005	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000

9	0.0000	0.0005	0.0000
10	0.0000	0.0001	0.0000
11	0.0000	0.0002	0.0000
12	0.0000	0.0003	0.0000
13	0.0000	-0.0001	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 3

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
1	0.034108	0.6351	0.0034	0.0000
2	0.031089	0.6304	0.0031	0.0000
3	0.026205	0.6218	0.0026	0.0000
4	0.022907	0.6151	0.0022	0.0000
5	0.018285	0.6041	0.0018	0.0000
6	0.013526	0.5896	0.0013	0.0000
7	0.013417	0.5892	0.0013	0.0000
8	0.013171	0.5884	0.0012	0.0000
9	0.012913	0.5874	0.0012	0.0000
10	0.012841	0.5872	0.0012	0.0000
11	0.011476	0.5819	0.0011	0.0000
12	0.011447	0.5818	0.0011	0.0000
13	0.009990	0.5754	0.0009	0.0000
14	0.009668	0.5739	0.0009	0.0000
15	0.009533	0.5733	0.0009	0.0000
16	0.009104	0.5712	0.0008	0.0000
17	0.007790	0.5641	0.0007	0.0000
18	0.007790	0.5641	0.0007	0.0000
19	0.007400	0.5617	0.0007	0.0000
20	0.007302	0.5611	0.0007	0.0000
21	0.006767	0.5577	0.0006	0.0000
22	0.006051	0.5527	0.0005	0.0000
23	0.006007	0.5524	0.0005	0.0000

24	0.005981	0.5522	0.0005	0.0000
25	0.005513	0.5486	0.0005	0.0000
26	0.005512	0.5486	0.0005	0.0000
27	0.005497	0.5485	0.0005	0.0000
28	0.005496	0.5485	0.0005	0.0000
29	0.005496	0.5485	0.0005	0.0000
30	0.005496	0.5485	0.0005	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 3

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0136	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	-0.0003	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0001	0.0000	0.0000
9	-0.0002	0.0000	0.0000
10	0.0005	0.0000	0.0000
11	-0.0001	0.0000	0.0000
12	0.0001	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 4

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
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1	0.034108	0.6351	0.0034	0.0000
2	0.031089	0.6304	0.0031	0.0000
3	0.026205	0.6218	0.0026	0.0000
4	0.022907	0.6151	0.0022	0.0000
5	0.018285	0.6041	0.0018	0.0000
6	0.013526	0.5896	0.0013	0.0000
7	0.013417	0.5892	0.0013	0.0000
8	0.013171	0.5884	0.0012	0.0000
9	0.012913	0.5874	0.0012	0.0000
10	0.012841	0.5872	0.0012	0.0000
11	0.011476	0.5819	0.0011	0.0000
12	0.011447	0.5818	0.0011	0.0000
13	0.009990	0.5754	0.0009	0.0000
14	0.009668	0.5739	0.0009	0.0000
15	0.009533	0.5733	0.0009	0.0000
16	0.009104	0.5712	0.0008	0.0000
17	0.007790	0.5641	0.0007	0.0000
18	0.007790	0.5641	0.0007	0.0000
19	0.007400	0.5617	0.0007	0.0000
20	0.007302	0.5611	0.0007	0.0000
21	0.006767	0.5577	0.0006	0.0000
22	0.006051	0.5527	0.0005	0.0000
23	0.006007	0.5524	0.0005	0.0000
24	0.005981	0.5522	0.0005	0.0000
25	0.005513	0.5486	0.0005	0.0000
26	0.005512	0.5486	0.0005	0.0000
27	0.005497	0.5485	0.0005	0.0000
28	0.005496	0.5485	0.0005	0.0000
29	0.005496	0.5485	0.0005	0.0000
30	0.005496	0.5485	0.0005	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 4

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0000	0.0000	0.0000
2	0.0000	0.0113	0.0000
3	0.0000	0.0002	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	-0.0003	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0003	0.0000
10	0.0000	0.0001	0.0000
11	0.0000	0.0001	0.0000
12	0.0000	0.0002	0.0000
13	0.0000	-0.0001	0.0000
14	0.0000	0.0000	0.0000

15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 1

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
STORY ID STORY LEVEL		X-DIR Y-DIR		X-DIR Y-DIR	
X-DIR	Y-DIR	X-DIR	Y-DIR		
1	0.000	4.9091E+02	1.4195E+00	0.0000E+00	0.0000E+00
4.9091E+02	1.4195E+00	4.9091E+02	1.4195E+00		
2	3.360	2.2664E+02	2.4777E+00	0.0000E+00	0.0000E+00
2.8150E+02	1.3013E+00	2.8150E+02	1.3013E+00		
3	6.850	2.8150E+02	1.3013E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 2

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
STORY ID STORY LEVEL		X-DIR Y-DIR		X-DIR Y-DIR	
X-DIR	Y-DIR	X-DIR	Y-DIR		
1	0.000	1.4195E+00	4.9391E+02	0.0000E+00	0.0000E+00
1.4195E+00	4.9391E+02	1.4195E+00	4.9391E+02		
2	3.360	2.5193E+00	2.3120E+02	0.0000E+00	0.0000E+00
1.2437E+00	2.7071E+02	1.2437E+00	2.7071E+02		

3	6.850	1.2437E+00	2.7071E+02	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 3

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
-----		-----		-----	
STORY ID	STORY LEVEL	X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
-----		-----		-----	
1	0.000	3.3520E+02	9.4623E-01	0.0000E+00	0.0000E+00
3.3520E+02	9.4623E-01	3.3520E+02	9.4623E-01		
2	3.360	1.5413E+02	1.6443E+00	0.0000E+00	0.0000E+00
1.9215E+02	8.6388E-01	1.9215E+02	8.6388E-01		
3	6.850	1.9215E+02	8.6388E-01	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 4

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
-----		-----		-----	
STORY ID	STORY LEVEL	X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
-----		-----		-----	
1	0.000	9.4623E-01	3.3630E+02	0.0000E+00	0.0000E+00
9.4623E-01	3.3630E+02	9.4623E-01	3.3630E+02		
2	3.360	1.6717E+00	1.5714E+02	0.0000E+00	0.0000E+00
8.2347E-01	1.8430E+02	8.2347E-01	1.8430E+02		
3	6.850	8.2347E-01	1.8430E+02	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

RESPONSE SPECTRUM ANALYSIS TIME LOG (IN SECOND)

MAXIMUM MODAL DISPLACEMENTS	0.06
DISPLACEMENT OUTPUT	0.55
STRESS OUTPUT	2.83
TOTAL SOLUTION TIME (SUM OF THE ABOVE)	3.44

RESPONSE SPECTRUM ANALYSIS TIME LOG (IN SECOND)

MAXIMUM MODAL DISPLACEMENTS: 0.00
DISPLACEMENT OUTPUT: 0.00
STRESS OUTPUT:

▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

2/2020 TIME 18:41: 0

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

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** O V E R A L L T I M E L O G I N S E C O N D **

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- INPUT DATA READING AND GENERATION	0.02
- FORM ELEMENT STIFFNESS MATRICES	0.08
- FORM GLOBAL LOAD VECTOR	0.10
- FORM TOTAL STIFFNESS MATRICES	0.09
- P-DELTA ANALYSIS	0.00
- STATIC ANALYSIS	3.22
- MOVING LOAD ANALYSIS	0.00
- SETTLEMENT ANALYSIS	0.00
- EIGENVALUE EXTRACTION	10.03
- RESPONSE SPECTRUM ANALYSIS	3.44
- TIME HISTORY ANALYSIS	0.00
- PRINT DYNAMIC INFORMATION OUTPUT	0.10
- TOTAL ELAPSED TIME	17.08

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ID	Type	Shape	Name	Area (m^2	Asy (m^2)	Asz (m^2)	Ixx (m^4)	Iyy (m^4)	Izz (m^4)	Cyp (m)	Cym (m)	Czp (m)	Czm (m)	Qyb (m^2)	Qzb (m^2)	Peri.(Out)	Peri.(In) (m)
1	DB/User	SB	PIL_35X35	0.1225	0.1021	0.1021	0.0021	0.0013	0.0013	0.175	0.175	0.175	0.175	0.0153	0.0153	1.4	0
2	DB/User	SB	TR_35x25	0.0875	0.0729	0.0729	0.001	0.0005	0.0009	0.175	0.175	0.125	0.125	0.0078	0.0153	1.2	0
3	DB/User	SB	TR_30x25	0.075	0.0625	0.0625	0.0008	0.0004	0.0006	0.15	0.15	0.125	0.125	0.0078	0.0113	1.1	0

Node	X(m)	Y(m)	Z(m)
1	0	0	0
2	5.29	0	0
3	0	2.73	0
4	5.29	2.73	0
5	0	8.31	0
6	5.29	8.31	0
7	0	0	2.61
8	5.29	0	2.61
9	0	2.73	2.61
10	5.29	2.73	2.61
11	0	8.31	2.61
12	5.29	8.31	2.61

Element	Type	Wall Type	Sub Type	Wall ID	Material	Property	B-Angle (°)	Node1	Node2	Node3	Node4	Node5	Node6	Node7	Node8	Kind	Hook/Gap Lu (m)	Tension (kN)	Allow. Tens Limit (kN)	Use Limit (kN)	Comp/Tens Limit (kN)
1	BEAM			0	1	1	0	5	11	0	0	0	0	0	0	0 Lu	0	0	0	0	0
2	BEAM			0	1	1	0	6	12	0	0	0	0	0	0	0 Lu	0	0	0	0	0
3	BEAM			0	1	1	0	3	9	0	0	0	0	0	0	0 Lu	0	0	0	0	0
4	BEAM			0	1	1	0	4	10	0	0	0	0	0	0	0 Lu	0	0	0	0	0
5	BEAM			0	1	1	0	1	7	0	0	0	0	0	0	0 Lu	0	0	0	0	0
6	BEAM			0	1	1	0	2	8	0	0	0	0	0	0	0 Lu	0	0	0	0	0
7	BEAM			0	1	2	0	7	9	0	0	0	0	0	0	0 Lu	0	0	0	0	0
8	BEAM			0	1	2	0	9	11	0	0	0	0	0	0	0 Lu	0	0	0	0	0
9	BEAM			0	1	2	0	8	10	0	0	0	0	0	0	0 Lu	0	0	0	0	0
10	BEAM			0	1	2	0	10	12	0	0	0	0	0	0	0 Lu	0	0	0	0	0
11	BEAM			0	1	2	0	11	12	0	0	0	0	0	0	0 Lu	0	0	0	0	0
12	BEAM			0	1	2	0	7	8	0	0	0	0	0	0	0 Lu	0	0	0	0	0
13	BEAM			0	1	3	0	9	10	0	0	0	0	0	0	0 Lu	0	0	0	0	0
14	PLATE		Thick(w/o	0	2	1	0	11	9	10	12	0	0	0	0	0 Lu	0	0	0	0	0
15	PLATE		Thick(w/o	0	2	1	0	9	7	8	10	0	0	0	0	0 Lu	0	0	0	0	0

0

Beam Force

	Elem	Load	Part	Axial (kN)	Shear-y (kN)	Shear-z (kN)	Torsion (kN*m)	Moment-y (kN*m)	Moment-z (kN*m)
	1	Combostatica	I[5]	-41.57	0	0	0	0	-0.01
	1	Combostatica	J[11]	-31.18	0	0	0	0	-0.01
	2	Combostatica	I[6]	-41.57	0	0	0	0	-0.01
	2	Combostatica	J[12]	-31.18	0	0	0	0	-0.01
	3	Combostatica	I[3]	-37.01	0	0	0	0	-0.01
	3	Combostatica	J[9]	-26.62	0	0	0	0	-0.01
	4	Combostatica	I[4]	-37.01	0	0	0	0	-0.01
	4	Combostatica	J[10]	-26.62	0	0	0	0	-0.01
	5	Combostatica	I[1]	-34.66	0	0	0	0	-0.01
	5	Combostatica	J[7]	-24.27	0	0	0	0	-0.01
	6	Combostatica	I[2]	-34.66	0	0	0	0	-0.01
	6	Combostatica	J[8]	-24.27	0	0	0	0	-0.01
	7	Combostatica	I[7]	0	0	-9.95	0	-4.53	0
	7	Combostatica	J[9]	0	0	9.95	0	-4.53	0
	8	Combostatica	I[9]	0	0	-20.34	0	-18.91	0
	8	Combostatica	J[11]	0	0	20.34	0	-18.91	0
	9	Combostatica	I[8]	0	0	-9.95	0	-4.53	0
	9	Combostatica	J[10]	0	0	9.95	0	-4.53	0
	10	Combostatica	I[10]	0	0	-20.34	0	-18.91	0
	10	Combostatica	J[12]	0	0	20.34	0	-18.91	0
	11	Combostatica	I[11]	0	0	-7.52	0	-6.63	0
	11	Combostatica	J[12]	0	0	7.52	0	-6.63	0
	12	Combostatica	I[7]	0	0	-7.52	0	-6.63	0
	12	Combostatica	J[8]	0	0	7.52	0	-6.63	0
	13	Combostatica	I[9]	0	0	-6.45	0	-5.68	0
	13	Combostatica	J[10]	0	0	6.45	0	-5.68	0
	1	Inv_sismica(all)	I[5]	-21.64	-1.45	-1.59	0.02	-2.07	-1.89
	1	Inv_sismica(all)	J[11]	-13.65	-1.45	-1.59	0.02	2.07	-1.89
	2	Inv_sismica(all)	I[6]	-21.64	-1.45	1.59	0.02	2.07	-1.89
	2	Inv_sismica(all)	J[12]	-13.65	-1.45	1.59	0.02	-2.07	-1.89
	3	Inv_sismica(all)	I[3]	-20.02	1.45	1.34	0.02	1.75	-1.89
	3	Inv_sismica(all)	J[9]	-12.02	1.45	1.34	0.02	-1.75	-1.89
	4	Inv_sismica(all)	I[4]	-20.02	1.45	-1.34	0.02	-1.75	-1.89
	4	Inv_sismica(all)	J[10]	-12.02	1.45	-1.34	0.02	1.75	-1.89
	5	Inv_sismica(all)	I[1]	-19.4	1.45	-1.23	0.02	-1.61	-1.89
	5	Inv_sismica(all)	J[7]	-11.41	1.45	-1.23	0.02	1.61	-1.89
	6	Inv_sismica(all)	I[2]	-19.4	1.45	1.23	0.02	1.61	-1.89
	6	Inv_sismica(all)	J[8]	-11.41	1.45	1.23	0.02	-1.61	-1.89
	7	Inv_sismica(all)	I[7]	0	0	-2.99	0	-1.36	0
	7	Inv_sismica(all)	J[9]	0	0	2.99	0	-1.36	0
	8	Inv_sismica(all)	I[9]	0	0	-6.1	0	-5.68	0
	8	Inv_sismica(all)	J[11]	0	0	6.1	0	-5.68	0
	9	Inv_sismica(all)	I[8]	0	0	-2.99	0	-1.36	0
	9	Inv_sismica(all)	J[10]	0	0	2.99	0	-1.36	0
	10	Inv_sismica(all)	I[10]	0	0	-6.1	0	-5.68	0
	10	Inv_sismica(all)	J[12]	0	0	6.1	0	-5.68	0
	11	Inv_sismica(all)	I[11]	0	0	-5.79	0	-5.1	0
	11	Inv_sismica(all)	J[12]	0	0	5.79	0	-5.1	0
	12	Inv_sismica(all)	I[7]	0	0	-5.79	0	-5.1	0
	12	Inv_sismica(all)	J[8]	0	0	5.79	0	-5.1	0
	13	Inv_sismica(all)	I[9]	0	0	-4.96	0	-4.37	0
	13	Inv_sismica(all)	J[10]	0	0	4.96	0	-4.37	0

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**
** GENERAL STRUCTURE DESIGN SYSTEM FOR WINDOWS
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XP/VISTA/7/8/8.1 VERSION

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S E T U P E Q U A T I O N P R O F I L E

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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT: 1.17370E+02 KN

THE CENTER OF GRAVITY OF FINITE ELEMENT MODEL

X-COORDINATE OF C.G: 2.64500E+00 M

Y-COORDINATE OF C.G: 3.84051E+00 M

Z-COORDINATE OF C.G: 2.07680E+00 M

MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	1	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	2	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	3	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	4	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	5	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	6	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
1	0	7	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	1	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	2	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	3	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	4	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	5	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	6	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
2	0	7	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
3	0	1	0	0	0	0
MM,	N_LCASE,	L,	INDX_NONL,	INDX_LINR,	T_SPDSP%INDX_NONL_NSPD,	T_IGNO%N_DECASE :
3	0	2	0	0	0	0

[illegible]

[illegible]

[illegible]

MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
14 0 7 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 1 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 2 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 3 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 4 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 5 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 6 0 0 0 0
MM, N_LCASE, L, INDX_NONL, INDX_LINR, T_SPDSP%INDX_NONL_NSPD, T_IGNO%N_DECASE :
15 0 7 0 0 0 0

STATIC ANALYSIS TIME LOG (IN SECOND)

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MULTI-FRONTAL SOLUTION .....:      0.04
DISPLACEMENT OUTPUT .....:      0.02
STRESS OUTPUT .....:      0.06
TOTAL SOLUTION TIME (SUM OF THE ABOVE) .....:      0.12

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▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

9/2020 TIME 12:36:55

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

=====

E I G E N V A L U E A N A L Y S I S

=====

STRUM SEQUENCE DATA

SHIFT	SHIFT FREQUENCY		EIGENVALUE BELOW
NO.	[RAD/SEC]	[CYCLES/SEC]	

1	0.00000E+00	0.00000E+00	0

ALL FREQUENCIES HAVE BEEN CHECKED: YES

MODE	F R E Q U E N C Y		PERIOD	TOLERANCE
NO.	[RAD/SEC]	[CYCLES/SEC]	[SEC]	

1	1.297350E+02	2.064796E+01	4.84309E-02	1.39672E-23
2	1.303810E+02	2.075078E+01	4.81910E-02	1.39672E-23
3	1.528093E+02	2.432035E+01	4.11178E-02	1.39672E-23

4	9.992188E+02	1.590306E+02	6.28810E-03	1.39672E-23
5	1.137264E+03	1.810012E+02	5.52483E-03	1.39672E-23
6	1.169805E+03	1.861802E+02	5.37114E-03	1.39672E-23
7	1.538715E+04	2.448940E+03	4.08340E-04	1.39672E-23
8	1.960964E+04	3.120972E+03	3.20413E-04	1.39672E-23
9	2.997942E+04	4.771373E+03	2.09583E-04	1.39672E-23
10	4.140289E+04	6.589474E+03	1.51757E-04	1.39672E-23
11	4.941036E+04	7.863903E+03	1.27163E-04	1.39672E-23
12	5.322730E+04	8.471389E+03	1.18044E-04	1.39672E-23
13	6.421621E+04	1.022033E+04	9.78442E-05	1.39672E-23
14	8.710785E+04	1.386365E+04	7.21311E-05	1.39672E-23
15	9.970983E+04	1.586931E+04	6.30147E-05	1.39672E-23
16	1.186566E+05	1.888478E+04	5.29527E-05	1.39672E-23
17	1.430309E+05	2.276407E+04	4.39289E-05	1.39672E-23
18	1.769090E+05	2.815594E+04	3.55165E-05	1.39672E-23
19	1.892792E+05	3.012472E+04	3.31953E-05	1.39672E-23
20	2.226696E+05	3.543897E+04	2.82175E-05	1.39672E-23
21	3.244272E+05	5.163419E+04	1.93670E-05	1.39672E-23

MAJOR MODE OF DIRECTIONAL MODAL PARTICIPATION MASS

DIRECTION	MAJOR MODE	M.P.M
DIR-X	1	97.820
DIR-Y	2	99.997
DIR-Z	4	93.568

MODAL PARTICIPATION MASSES(PERCENT)

MODE		TRAN-X		TRAN-Y		TRAN-Z		ROTN-X	
ROTN-Y		ROTN-Z							
NUMBER	MASS	SUM	MASS	SUM	MASS	SUM	MASS	SUM	
MASS	SUM	MASS	SUM	MASS	SUM	MASS	SUM	MASS	SUM
1	97.820	97.820	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.935	5.935	2.285	2.285						
2	0.000	97.820	99.997	99.997	0.000	0.000	6.491	6.491	
0.000	5.935	0.000	2.285						
3	2.175	99.995	0.000	99.997	0.000	0.000	0.000	6.491	
0.254	6.189	97.715	100.000						
4	0.000	99.995	0.000	99.997	93.568	93.568	0.121	6.612	
0.000	6.189	0.000	100.000						
5	0.000	99.995	0.003	100.000	6.432	100.000	1.785	8.397	
0.000	6.189	0.000	100.000						
6	0.005	100.000	0.000	100.000	0.000	100.000	0.000	8.397	
4.082	10.271	0.000	100.000						
7	0.000	100.000	0.000	100.000	0.000	100.000	0.000	8.397	

0.038	10.309	0.000	100.000						
	8	0.000	100.000	0.000	100.000	0.000	100.000	2.307	10.704
0.000	10.309	0.000	100.000						
	9	0.000	100.000	0.000	100.000	0.000	100.000	0.000	10.704
2.201	12.510	0.000	100.000						
	10	0.000	100.000	0.000	100.000	0.000	100.000	0.649	11.353
0.000	12.510	0.000	100.000						
	11	0.000	100.000	0.000	100.000	0.000	100.000	6.144	17.497
0.000	12.510	0.000	100.000						
	12	0.000	100.000	0.000	100.000	0.000	100.000	0.000	17.497
0.206	12.716	0.000	100.000						
	13	0.000	100.000	0.000	100.000	0.000	100.000	0.413	17.910
0.000	12.716	0.000	100.000						
	14	0.000	100.000	0.000	100.000	0.000	100.000	0.000	17.910
14.538	27.255	0.000	100.000						
	15	0.000	100.000	0.000	100.000	0.000	100.000	2.824	20.734
0.000	27.255	0.000	100.000						
	16	0.000	100.000	0.000	100.000	0.000	100.000	0.000	20.734
5.291	32.546	0.000	100.000						
	17	0.000	100.000	0.000	100.000	0.000	100.000	0.000	20.734
0.033	32.579	0.000	100.000						
	18	0.000	100.000	0.000	100.000	0.000	100.000	22.204	42.938
0.000	32.579	0.000	100.000						
	19	0.000	100.000	0.000	100.000	0.000	100.000	0.000	42.938
1.978	34.557	0.000	100.000						
	20	0.000	100.000	0.000	100.000	0.000	100.000	0.000	42.938
65.443	100.000	0.000	100.000						
	21	0.000	100.000	0.000	100.000	0.000	100.000	57.062	100.000
0.000	100.000	0.000	100.000						

MODAL EQRTQUAKE EXCITATION FACTOR KN M

MODE	TRAN-X	TRAN-Y	TRAN-Z	ROTN-X	ROTN-Y
ROTN-Z					
1	0.29498E+01	-0.35196E-06	0.13813E-09	-0.26533E-07	
-0.22111E+00	-0.17379E+01				
2	0.34834E-06	0.29824E+01	-0.11701E-02	0.22484E+00	
-0.26117E-07	-0.19897E-06				
3	0.43987E+00	-0.16066E-08	0.00000E+00	-0.12111E-09	
-0.45734E-01	0.11366E+02				
4	0.00000E+00	0.52683E-02	0.28546E+01	-0.30737E-01	
0.00000E+00	0.00000E+00				
5	0.00000E+00	-0.15430E-01	0.74845E+00	0.11790E+00	
0.00000E+00	0.00000E+00				
6	-0.20426E-01	0.00000E+00	0.00000E+00	0.00000E+00	
-0.18337E+00	-0.37945E-02				
7	-0.10935E-04	0.00000E+00	0.00000E+00	0.00000E+00	
-0.17645E-01	-0.23018E-03				
8	0.00000E+00	0.28393E-04	-0.13545E-02	0.13405E+00	
0.00000E+00	0.00000E+00				

9	-0.93355E-05	0.00000E+00	0.00000E+00	0.00000E+00
-0.13466E+00	0.30377E-04			
10	0.00000E+00	-0.63134E-06	-0.73927E-03	-0.71123E-01
0.00000E+00	0.00000E+00			
11	0.00000E+00	0.73345E-05	-0.59464E-03	0.21875E+00
0.00000E+00	0.00000E+00			
12	-0.30011E-05	0.00000E+00	0.00000E+00	0.00000E+00
-0.41193E-01	-0.90721E-04			
13	0.00000E+00	0.56717E-05	-0.27695E-03	0.56712E-01
0.00000E+00	-0.10530E-09			
14	-0.10216E-04	0.00000E+00	0.00000E+00	0.00000E+00
0.34605E+00	-0.95268E-05			
15	0.00000E+00	0.71691E-05	0.16102E-03	0.14831E+00
0.00000E+00	0.31883E-09			
16	-0.55014E-05	-0.11072E-09	0.00000E+00	0.00000E+00
0.20876E+00	-0.24922E-04			
17	-0.11806E-06	0.21187E-09	0.00000E+00	0.00000E+00
-0.16611E-01	0.36430E-04			
18	0.28101E-09	-0.15669E-05	-0.47002E-04	-0.41585E+00
0.00000E+00	-0.63334E-09			
19	0.55402E-06	0.22030E-09	0.00000E+00	0.00000E+00
-0.12765E+00	0.11364E-04			
20	-0.40521E-05	-0.42125E-09	-0.76636E-09	0.00000E+00
0.73420E+00	0.32866E-05			
21	-0.25607E-08	0.21545E-05	-0.73213E-05	0.66665E+00
0.27055E-09	0.27558E-08			

EFFECTIVE MODAL MASS & RATIO

N

M

MODE	TRAN-X		TRAN-Y		TRAN-Z	
	ROTN-X		ROTN-Y		ROTN-Z	

NUMBER	MASS	SUM	MASS	SUM	MASS	SUM
SUM	MASS	SUM	MASS	SUM	MASS	SUM

1	0.87013E+04	0.87013E+04	0.12388E-09	0.12388E-09	0.19080E-16	
0.19080E-16	0.70402E-12	0.70402E-12	0.48887E+02	0.48887E+02	0.30204E+04	
0.30204E+04						
2	0.12134E-09	0.87013E+04	0.88949E+04	0.88949E+04	0.13692E-02	
0.13692E-02	0.50552E+02	0.50552E+02	0.68212E-12	0.48887E+02	0.39590E-10	
0.30204E+04						
3	0.19348E+03	0.88948E+04	0.25810E-14	0.88949E+04	0.38803E-21	
0.13692E-02	0.14667E-16	0.50552E+02	0.20916E+01	0.50979E+02	0.12919E+06	
0.13221E+06						
4	0.78379E-22	0.88948E+04	0.27755E-01	0.88950E+04	0.81487E+04	
0.81487E+04	0.94475E+00	0.51497E+02	0.13434E-23	0.50979E+02	0.18551E-21	
0.13221E+06						

5	0.69280E-21	0.88948E+04	0.23810E+00	0.88952E+04	0.56018E+03
0.87089E+04	0.13900E+02	0.65397E+02	0.57803E-24	0.50979E+02	0.11785E-20
0.13221E+06					
6	0.41722E+00	0.88952E+04	0.11906E-20	0.88952E+04	0.16218E-21
0.87089E+04	0.10766E-22	0.65397E+02	0.33625E+02	0.84604E+02	0.14398E-01
0.13221E+06					
7	0.11957E-06	0.88952E+04	0.24677E-21	0.88952E+04	0.44316E-20
0.87089E+04	0.48786E-24	0.65397E+02	0.31135E+00	0.84915E+02	0.52982E-04
0.13221E+06					
8	0.18682E-19	0.88952E+04	0.80616E-06	0.88952E+04	0.18346E-02
0.87089E+04	0.17969E+02	0.83366E+02	0.61967E-22	0.84915E+02	0.29540E-18
0.13221E+06					
9	0.87151E-07	0.88952E+04	0.17662E-18	0.88952E+04	0.25438E-18
0.87089E+04	0.89990E-21	0.83366E+02	0.18134E+02	0.10305E+03	0.92278E-06
0.13221E+06					
10	0.53477E-18	0.88952E+04	0.39859E-09	0.88952E+04	0.54652E-03
0.87089E+04	0.50585E+01	0.88425E+02	0.28240E-20	0.10305E+03	0.26023E-17
0.13221E+06					
11	0.17786E-17	0.88952E+04	0.53795E-07	0.88952E+04	0.35359E-03
0.87089E+04	0.47850E+02	0.13627E+03	0.96690E-20	0.10305E+03	0.39070E-18
0.13221E+06					
12	0.90067E-08	0.88952E+04	0.68018E-19	0.88952E+04	0.15053E-18
0.87089E+04	0.73881E-21	0.13627E+03	0.16969E+01	0.10475E+03	0.82303E-05
0.13221E+06					
13	0.28662E-18	0.88952E+04	0.32169E-07	0.88952E+04	0.76704E-04
0.87089E+04	0.32163E+01	0.13949E+03	0.11887E-20	0.10475E+03	0.11087E-16
0.13221E+06					
14	0.10436E-06	0.88952E+04	0.23456E-17	0.88952E+04	0.90331E-17
0.87089E+04	0.16638E-19	0.13949E+03	0.11975E+03	0.22450E+03	0.90759E-07
0.13221E+06					
15	0.54092E-18	0.88952E+04	0.51396E-07	0.88952E+04	0.25927E-04
0.87089E+04	0.21996E+02	0.16149E+03	0.41004E-20	0.22450E+03	0.10166E-15
0.13221E+06					
16	0.30265E-07	0.88952E+04	0.12258E-16	0.88952E+04	0.14914E-17
0.87089E+04	0.67066E-19	0.16149E+03	0.43580E+02	0.26808E+03	0.62112E-06
0.13221E+06					
17	0.13937E-10	0.88952E+04	0.44889E-16	0.88952E+04	0.13151E-18
0.87089E+04	0.26343E-18	0.16149E+03	0.27592E+00	0.26835E+03	0.13271E-05
0.13221E+06					
18	0.78966E-16	0.88952E+04	0.24552E-08	0.88952E+04	0.22091E-05
0.87089E+04	0.17293E+03	0.33442E+03	0.14442E-18	0.26835E+03	0.40112E-15
0.13221E+06					
19	0.30694E-09	0.88952E+04	0.48532E-16	0.88952E+04	0.23940E-17
0.87089E+04	0.28412E-18	0.33442E+03	0.16294E+02	0.28465E+03	0.12913E-06
0.13221E+06					
20	0.16419E-07	0.88952E+04	0.17745E-15	0.88952E+04	0.58731E-15
0.87089E+04	0.59592E-18	0.33442E+03	0.53905E+03	0.82370E+03	0.10802E-07
0.13221E+06					
21	0.65573E-14	0.88952E+04	0.46417E-08	0.88952E+04	0.53602E-07
0.87089E+04	0.44442E+03	0.77884E+03	0.73200E-16	0.82370E+03	0.75943E-14
0.13221E+06					

MODAL DIRECTION FACTOR

MODE	TRAN-X	TRAN-Y	TRAN-Z	ROTN-X	ROTN-Y
ROTN-Z					
-----	-----	-----	-----	-----	
1	97.8186	0.0000	0.0048	0.0000	
0.0002	2.1764				
2	0.0000	99.9972	0.0028	0.0001	
0.0000	0.0000				
3	2.2832	0.0000	0.0002	0.0000	
0.0000	97.7166				
4	0.0000	0.0025	99.8057	0.1918	
0.0000	0.0000				
5	0.0000	0.0364	97.5964	2.3673	
0.0000	0.0000				
6	0.0629	0.0000	95.6651	0.0000	
4.2718	0.0002				
7	0.0007	0.0000	93.3436	2.0282	
4.6064	0.0211				
8	0.0000	0.0224	82.4391	12.6610	
4.8775	0.0000				
9	0.0068	0.0000	80.4881	16.5884	
2.9117	0.0050				
10	0.0000	0.0001	29.6449	7.2955	
63.0595	0.0000				
11	0.0000	0.0252	46.4477	1.1467	
52.3804	0.0000				
12	0.0068	0.0000	45.1110	52.3993	
2.0920	0.3909				
13	0.0000	0.0871	20.5631	10.4811	
68.8688	0.0000				
14	0.3562	0.0000	1.5436	35.2095	
62.8678	0.0230				
15	0.0000	0.3046	42.0352	35.8778	
21.7824	0.0000				
16	0.2580	0.0000	7.4170	36.8451	
55.1092	0.3707				
17	0.0000	0.0000	5.1673	2.4020	
90.8209	1.6097				
18	0.0000	0.1469	8.4008	88.2984	
3.1539	0.0000				
19	0.0251	0.0000	9.3700	81.9722	
7.9431	0.6897				
20	1.7683	0.0000	4.2977	3.1030	
90.7544	0.0766				
21	0.0000	2.9255	10.9132	84.1148	
2.0465	0.0000				

EIGEN VALUE ANALYSIS TIME LOG (IN SECOND)

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EIGENSOLUTION .....: 0.02
PRINTING .....: 0.27

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TOTAL SOLUTION TIME (SUM OF THE ABOVE): 0.29

▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

9/2020 TIME 12:36:56

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

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R E S P O N S E S P E C T R U M A N A L Y S I S

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M O D A L P A R T I C I P A T I O N F A C T O R

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	93.2807	0.0000	0.0000
2	0.0000	94.3129	-0.0370
3	13.9098	0.0000	0.0000
4	0.0000	0.1666	90.2702
5	0.0000	-0.4880	23.6681
6	-0.6459	0.0000	0.0000
7	-0.0003	0.0000	0.0000
8	0.0000	0.0009	-0.0428
9	-0.0003	0.0000	0.0000
10	0.0000	0.0000	-0.0234
11	0.0000	0.0002	-0.0188
12	-0.0001	0.0000	0.0000
13	0.0000	0.0002	-0.0088
14	-0.0003	0.0000	0.0000
15	0.0000	0.0002	0.0051
16	-0.0002	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	-0.0015
19	0.0000	0.0000	0.0000
20	-0.0001	0.0000	0.0000
21	0.0000	0.0001	-0.0002

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 1

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
1	0.048431	0.9459	0.0073	0.0001
2	0.048191	0.9457	0.0073	0.0001

3	0.041118	0.9384	0.0061	0.0000
4	0.006288	0.8563	0.0009	0.0000
5	0.005525	0.8509	0.0007	0.0000
6	0.005371	0.8497	0.0007	0.0000
7	0.000408	0.7494	0.0000	0.0000
8	0.000320	0.7406	0.0000	0.0000
9	0.000210	0.7254	0.0000	0.0000
10	0.000152	0.7141	0.0000	0.0000
11	0.000127	0.7079	0.0000	0.0000
12	0.000118	0.7054	0.0000	0.0000
13	0.000098	0.6990	0.0000	0.0000
14	0.000072	0.6886	0.0000	0.0000
15	0.000063	0.6841	0.0000	0.0000
16	0.000053	0.6783	0.0000	0.0000
17	0.000044	0.6722	0.0000	0.0000
18	0.000036	0.6652	0.0000	0.0000
19	0.000033	0.6631	0.0000	0.0000
20	0.000028	0.6578	0.0000	0.0000
21	0.000019	0.6459	0.0000	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 1

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0052	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0006	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 2

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
-----	-----	-----	-----	-----
1	0.048431	0.9459	0.0073	0.0001
2	0.048191	0.9457	0.0073	0.0001
3	0.041118	0.9384	0.0061	0.0000
4	0.006288	0.8563	0.0009	0.0000
5	0.005525	0.8509	0.0007	0.0000
6	0.005371	0.8497	0.0007	0.0000
7	0.000408	0.7494	0.0000	0.0000
8	0.000320	0.7406	0.0000	0.0000
9	0.000210	0.7254	0.0000	0.0000
10	0.000152	0.7141	0.0000	0.0000
11	0.000127	0.7079	0.0000	0.0000
12	0.000118	0.7054	0.0000	0.0000
13	0.000098	0.6990	0.0000	0.0000
14	0.000072	0.6886	0.0000	0.0000
15	0.000063	0.6841	0.0000	0.0000
16	0.000053	0.6783	0.0000	0.0000
17	0.000044	0.6722	0.0000	0.0000
18	0.000036	0.6652	0.0000	0.0000
19	0.000033	0.6631	0.0000	0.0000
20	0.000028	0.6578	0.0000	0.0000
21	0.000019	0.6459	0.0000	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 2

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
-----	-----	-----	-----
1	0.0000	0.0000	0.0000
2	0.0000	0.0052	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000

21 0.0000 0.0000 0.0000

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 3

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
-----	-----	-----	-----	-----
1	0.048431	0.6533	0.0050	0.0000
2	0.048191	0.6530	0.0050	0.0000
3	0.041118	0.6447	0.0042	0.0000
4	0.006288	0.5544	0.0006	0.0000
5	0.005525	0.5487	0.0005	0.0000
6	0.005371	0.5475	0.0005	0.0000
7	0.000408	0.4451	0.0000	0.0000
8	0.000320	0.4365	0.0000	0.0000
9	0.000210	0.4219	0.0000	0.0000
10	0.000152	0.4111	0.0000	0.0000
11	0.000127	0.4053	0.0000	0.0000
12	0.000118	0.4028	0.0000	0.0000
13	0.000098	0.3968	0.0000	0.0000
14	0.000072	0.3872	0.0000	0.0000
15	0.000063	0.3830	0.0000	0.0000
16	0.000053	0.3777	0.0000	0.0000
17	0.000044	0.3721	0.0000	0.0000
18	0.000036	0.3658	0.0000	0.0000
19	0.000033	0.3638	0.0000	0.0000
20	0.000028	0.3591	0.0000	0.0000
21	0.000019	0.3484	0.0000	0.0000

M A X I M U M D I S P L A C E M E N T O F M O D A L C O O R D I N A T E

S P E C T R U M N O . : 3

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
-----	-----	-----	-----
1	0.0036	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0004	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000

15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000

M O D A L S P E C T R A L V A L U E

S P E C T R U M N O . : 4

MODE NO.	PERIOD(SEC)	ACCELERATION	VELOCITY	DISPLACEMENT
1	0.048431	0.6533	0.0050	0.0000
2	0.048191	0.6530	0.0050	0.0000
3	0.041118	0.6447	0.0042	0.0000
4	0.006288	0.5544	0.0006	0.0000
5	0.005525	0.5487	0.0005	0.0000
6	0.005371	0.5475	0.0005	0.0000
7	0.000408	0.4451	0.0000	0.0000
8	0.000320	0.4365	0.0000	0.0000
9	0.000210	0.4219	0.0000	0.0000
10	0.000152	0.4111	0.0000	0.0000
11	0.000127	0.4053	0.0000	0.0000
12	0.000118	0.4028	0.0000	0.0000
13	0.000098	0.3968	0.0000	0.0000
14	0.000072	0.3872	0.0000	0.0000
15	0.000063	0.3830	0.0000	0.0000
16	0.000053	0.3777	0.0000	0.0000
17	0.000044	0.3721	0.0000	0.0000
18	0.000036	0.3658	0.0000	0.0000
19	0.000033	0.3638	0.0000	0.0000
20	0.000028	0.3591	0.0000	0.0000
21	0.000019	0.3484	0.0000	0.0000

MAXIMUM DISPLACEMENT OF MODAL COORDINATE

S P E C T R U M N O . : 4

MODE NO.	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.0000	0.0000	0.0000
2	0.0000	0.0036	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000

9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 1

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
STORY ID STORY LEVEL		X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
1	0.000	8.2819E+00	6.9870E-08	0.0000E+00	0.0000E+00
8.2819E+00	6.8830E-08	8.2819E+00	6.8830E-08		
2	2.610	8.2819E+00	6.8830E-08	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 2

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
STORY ID STORY LEVEL		X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
1	0.000	6.9130E-08	8.4121E+00	0.0000E+00	0.0000E+00
6.8831E-08	8.4121E+00	6.8831E-08	8.4121E+00		
2	2.610	6.8831E-08	8.4121E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 3

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
-----		-----		-----	
STORY ID	STORY LEVEL	X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
-----		-----		-----	
1	0.000	5.7192E+00	4.8263E-08	0.0000E+00	0.0000E+00
5.7192E+00	4.7483E-08	5.7192E+00	4.7483E-08		
2	2.610	5.7192E+00	4.7483E-08	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

INERTIA FORCE & STORY SHEAR FORCE , RESPONSE SPECTRUM LOADCASE = 4

STORY SHEAR(W/O SPRING)		INERTIA FORCE STORY SHEAR(W/ SPRING)		SPRING FORCE	
-----		-----		-----	
STORY ID	STORY LEVEL	X-DIR	Y-DIR	X-DIR	Y-DIR
X-DIR	Y-DIR	X-DIR	Y-DIR		
-----		-----		-----	
1	0.000	4.7751E-08	5.8084E+00	0.0000E+00	0.0000E+00
4.7520E-08	5.8084E+00	4.7520E-08	5.8084E+00		
2	2.610	4.7520E-08	5.8084E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

RESPONSE SPECTRUM ANALYSIS TIME LOG (IN SECOND)

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-----
MAXIMUM MODAL DISPLACEMENTS .....: 0.07
DISPLACEMENT OUTPUT .....: 0.19
STRESS OUTPUT .....: 0.74
TOTAL SOLUTION TIME (SUM OF THE ABOVE) .....: 1.00

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RESPONSE SPECTRUM ANALYSIS TIME LOG (IN SECOND)

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-----
MAXIMUM MODAL DISPLACEMENTS .....: 0.00
DISPLACEMENT OUTPUT .....: 0.00
STRESS OUTPUT .....:

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▲** MIDAS/Gen WINDOWS VERSION 8.8.1

DATE APR/

9/2020 TIME 12:36:57

** Modeling, Integrated Design & Analysis Software

PC WINDOWS

XP/VISTA/7/8/8.1 VERSION

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**** OVERALL TIME LOG IN SECOND ****

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- INPUT DATA READING AND GENERATION	0.01
- FORM ELEMENT STIFFNESS MATRICES	0.01
- FORM GLOBAL LOAD VECTOR	0.01
- FORM TOTAL STIFFNESS MATRICES	0.01
- P-DELTA ANALYSIS	0.00
- STATIC ANALYSIS	0.12
- MOVING LOAD ANALYSIS	0.00
- SETTLEMENT ANALYSIS	0.00
- EIGENVALUE EXTRACTION	0.31
- RESPONSE SPECTRUM ANALYSIS	1.01
- TIME HISTORY ANALYSIS	0.00
- PRINT DYNAMIC INFORMATION OUTPUT	0.07
- TOTAL ELAPSED TIME	1.55