PROJECT TITLE :

MIDAS	Company		Client	
	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

*** PROJECT INFORMATION

Project Name :
Date : 2024/11/19

*** CONTROL DATA

Panel Zone Effect : Do not Calculate
Unit System : KN, M
Definition of Frame
- X Direction of Frame : Braced I Non-sway
- Y Direction of Frame : Braced I Non-sway
- Design Type : 3-D

Design Code
- Steel : AISC(15th)-LRFD16
- Concrete : NSR-10
- SRC : SSRC79

*** LOAD CASE DATA

NO	NAME	TYPE	SELF WEIGHT FACTOR X	Y	Z	DESCRIPTION
1	D	D	0.000	0.000	0.000	
2	LR	LR	0.000	0.000	0.000	
3	W	W	0.000	0.000	0.000	
4	WN	W	0.000	0.000	0.000	
5	FHEX	E	0.000	0.000	0.000	
6	FHEY	E	0.000	0.000	0.000	
7	PP	D	0.000	0.000	-1.000	

*** MATERIAL PROPERTY DATA

NO	NAME	TYPE	MODULUS OF ELASTICITY	SHEAR MODULUS	THERMAL COEFF.	POISSON RATIO	WEIGHT DENSITY
1	MAMP CONCR	USER	8.397e+06	3.499e+06	5e-06	0.2	24
2	Grade C4000	CONC	2.513e+07	1.047e+07	5e-06	0.2	23.56

NO	NAME	TYPE	STRENGTH OF DESIGN MATERIAL STEEL	CONCRETE	MAIN REBAR	SUB REBAR
2	Grade C4000	CONC	-	2.758e+04	4.137e+05	4.137e+05

*** STORY DATA

Ground Level , 0

NAME	LEVEL	HEIGHT	FLOOR DIAPHRAGM

Roof	3.000	0.000	Do not consider
5F	2.400	0.600	Do not consider
4F	1.800	0.600	Do not consider
3F	1.200	0.600	Do not consider
2F	0.600	0.600	Do not consider
1F	0.000	0.600	Do not consider

*** NODE DATA

NO	X	Y	Z	TEMPERATURE
1	0	0	0	0
2	1.52	0	0	0
3	6.33	0	0	0
4	7.725	0	0	0
5	9.12	0	0	0
6	13.93	0	0	0
7	15.45	0	0	0
8	0	1.67	0	0
9	15.45	1.67	0	0
10	0	2.88	0	0
11	15.45	2.88	0	0
12	0	4.47	0	0
13	15.45	4.47	0	0
14	0	5.68	0	0
15	15.45	5.68	0	0
16	0	7.35	0	0
17	1.52	7.35	0	0
18	2.925	7.35	0	0
19	4	7.35	0	0
20	6.33	7.35	0	0
21	7.725	7.35	0	0
22	9.12	7.35	0	0
23	11.4	7.35	0	0
24	12.53	7.35	0	0
25	13.93	7.35	0	0
26	15.45	7.35	0	0
27	4	8.825	0	0
28	7.725	8.825	0	0
29	11.4	8.825	0	0
30	2.925	9.225	0	0
31	4	9.225	0	0
32	7.725	9.225	0	0
33	11.4	9.225	0	0
34	12.53	9.225	0	0
35	0	0	0.6	0
36	1.52	0	0.6	0
37	6.33	0	0.6	0
38	7.725	0	0.6	0
39	9.12	0	0.6	0
40	13.93	0	0.6	0
41	15.45	0	0.6	0
42	0	1.67	0.6	0
43	15.45	1.67	0.6	0
44	0	2.88	0.6	0
45	15.45	2.88	0.6	0
46	0	4.47	0.6	0
47	15.45	4.47	0.6	0
48	0	5.68	0.6	0
49	15.45	5.68	0.6	0
50	0	7.35	0.6	0
51	1.52	7.35	0.6	0
52	6.33	7.35	0.6	0

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

53	7.725	7.35	0.6	0
54	9.12	7.35	0.6	0
55	13.93	7.35	0.6	0
56	15.45	7.35	0.6	0
63	0	0	1.2	0
64	1.52	0	1.2	0
65	6.33	0	1.2	0
66	7.725	0	1.2	0
67	9.12	0	1.2	0
68	13.93	0	1.2	0
69	15.45	0	1.2	0
70	0	1.67	1.2	0
71	15.45	1.67	1.2	0
72	0	2.88	1.2	0
73	15.45	2.88	1.2	0
74	0	4.47	1.2	0
75	15.45	4.47	1.2	0
76	0	5.68	1.2	0
77	15.45	5.68	1.2	0
78	0	7.35	1.2	0
79	1.52	7.35	1.2	0
80	6.33	7.35	1.2	0
81	7.725	7.35	1.2	0
82	9.12	7.35	1.2	0
83	13.93	7.35	1.2	0
84	15.45	7.35	1.2	0
91	0	0	1.8	0
92	1.52	0	1.8	0
93	6.33	0	1.8	0
94	7.725	0	1.8	0
95	9.12	0	1.8	0
96	13.93	0	1.8	0
97	15.45	0	1.8	0
98	0	1.67	1.8	0
99	15.45	1.67	1.8	0
100	0	2.88	1.8	0
101	15.45	2.88	1.8	0
102	0	4.47	1.8	0
103	15.45	4.47	1.8	0
104	0	5.68	1.8	0
105	15.45	5.68	1.8	0
106	0	7.35	1.8	0
107	1.52	7.35	1.8	0
108	6.33	7.35	1.8	0
109	7.725	7.35	1.8	0
110	9.12	7.35	1.8	0
111	13.93	7.35	1.8	0
112	15.45	7.35	1.8	0
119	0	0	2.4	0
120	1.52	0	2.4	0
121	6.33	0	2.4	0
122	7.725	0	2.4	0
123	9.12	0	2.4	0
124	13.93	0	2.4	0
125	15.45	0	2.4	0
126	0	1.67	2.4	0
127	15.45	1.67	2.4	0
128	0	2.88	2.4	0
129	15.45	2.88	2.4	0
130	0	4.47	2.4	0
131	15.45	4.47	2.4	0
132	0	5.68	2.4	0
133	15.45	5.68	2.4	0
134	0	7.35	2.4	0

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

135	1.52	7.35	2.4	0
136	6.33	7.35	2.4	0
137	7.725	7.35	2.4	0
138	9.12	7.35	2.4	0
139	13.93	7.35	2.4	0
140	15.45	7.35	2.4	0
147	0	0	3	0
148	1.52	0	3	0
149	6.33	0	3	0
150	7.725	0	3	0
151	9.12	0	3	0
152	13.93	0	3	0
153	15.45	0	3	0
154	0	1.67	3	0
155	15.45	1.67	3	0
156	0	2.88	3	0
157	15.45	2.88	3	0
158	0	4.47	3	0
159	15.45	4.47	3	0
160	0	5.68	3	0
161	15.45	5.68	3	0
162	0	7.35	3	0
163	1.52	7.35	3	0
164	2.925	7.35	3	0
165	4	7.35	3	0
166	6.33	7.35	3	0
167	7.725	7.35	3	0
168	9.12	7.35	3	0
169	11.4	7.35	3	0
170	12.53	7.35	3	0
171	13.93	7.35	3	0
172	15.45	7.35	3	0
173	4	8.825	3	0
174	7.725	8.825	3	0
175	11.4	8.825	3	0
176	2.925	9.225	3	0
177	4	9.225	3	0
178	7.725	9.225	3	0
179	11.4	9.225	3	0
180	12.53	9.225	3	0
181	0	1.113	0	0
182	0	0.5567	0	0
183	0	1.113	0.6	0
184	0	0.5567	0.6	0
185	15.45	0.5567	0	0
186	15.45	1.113	0	0
187	15.45	0.5567	0.6	0
188	15.45	1.113	0.6	0
189	15.45	6.237	0	0
190	15.45	6.793	0	0
191	15.45	6.237	0.6	0
192	15.45	6.793	0.6	0
193	0	1.113	1.2	0
194	0	0.5567	1.2	0
195	0	1.113	1.8	0
196	0	0.5567	1.8	0
197	0	1.113	2.4	0
198	0	0.5567	2.4	0
199	0	1.113	3	0
200	0	0.5567	3	0
201	15.45	0.5567	1.2	0
202	15.45	1.113	1.2	0
203	15.45	0.5567	1.8	0
204	15.45	1.113	1.8	0

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

205	15.45	0.5567	2.4	0
206	15.45	1.113	2.4	0
207	15.45	0.5567	3	0
208	15.45	1.113	3	0
209	15.45	6.237	1.2	0
210	15.45	6.793	1.2	0
211	15.45	6.237	1.8	0
212	15.45	6.793	1.8	0
213	15.45	6.237	2.4	0
214	15.45	6.793	2.4	0
215	15.45	6.237	3	0
216	15.45	6.793	3	0
217	0	6.237	0	0
218	0	6.793	0	0
219	0	6.237	0.6	0
220	0	6.793	0.6	0
221	0	6.237	1.2	0
222	0	6.793	1.2	0
223	0	6.237	1.8	0
224	0	6.793	1.8	0
225	0	6.237	2.4	0
226	0	6.793	2.4	0
227	0	6.237	3	0
228	0	6.793	3	0
229	15.45	3.41	0	0
230	15.45	3.94	0	0
231	15.45	3.41	0.6	0
232	15.45	3.94	0.6	0
233	0	3.41	0	0
234	0	3.94	0	0
235	0	3.41	0.6	0
236	0	3.94	0.6	0
237	15.45	3.41	1.2	0
238	15.45	3.94	1.2	0
239	15.45	3.41	1.8	0
240	15.45	3.94	1.8	0
241	15.45	3.41	2.4	0
242	15.45	3.94	2.4	0
243	15.45	3.41	3	0
244	15.45	3.94	3	0
245	0	3.41	1.2	0
246	0	3.94	1.2	0
247	0	3.41	1.8	0
248	0	3.94	1.8	0
249	0	3.41	2.4	0
250	0	3.94	2.4	0
251	0	3.41	3	0
252	0	3.94	3	0
253	7.725	0.6125	0	0
254	7.725	1.225	0	0
255	7.725	1.837	0	0
256	7.725	2.45	0	0
257	7.725	3.062	0	0
258	7.725	3.675	0	0
259	7.725	4.287	0	0
260	7.725	4.9	0	0
261	7.725	5.512	0	0
262	7.725	6.125	0	0
263	7.725	6.737	0	0
264	7.725	0.6125	0.6	0
265	7.725	1.225	0.6	0
266	7.725	1.837	0.6	0
267	7.725	2.45	0.6	0
268	7.725	3.062	0.6	0

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

269	7.725	3.675	0.6	0
270	7.725	4.287	0.6	0
271	7.725	4.9	0.6	0
272	7.725	5.512	0.6	0
273	7.725	6.125	0.6	0
274	7.725	6.737	0.6	0
275	7.725	0.6125	1.2	0
276	7.725	1.225	1.2	0
277	7.725	1.837	1.2	0
278	7.725	2.45	1.2	0
279	7.725	3.062	1.2	0
280	7.725	3.675	1.2	0
281	7.725	4.287	1.2	0
282	7.725	4.9	1.2	0
283	7.725	5.512	1.2	0
284	7.725	6.125	1.2	0
285	7.725	6.737	1.2	0
286	7.725	0.6125	1.8	0
287	7.725	1.225	1.8	0
288	7.725	1.837	1.8	0
289	7.725	2.45	1.8	0
290	7.725	3.062	1.8	0
291	7.725	3.675	1.8	0
292	7.725	4.287	1.8	0
293	7.725	4.9	1.8	0
294	7.725	5.512	1.8	0
295	7.725	6.125	1.8	0
296	7.725	6.737	1.8	0
297	7.725	0.6125	2.4	0
298	7.725	1.225	2.4	0
299	7.725	1.837	2.4	0
300	7.725	2.45	2.4	0
301	7.725	3.062	2.4	0
302	7.725	3.675	2.4	0
303	7.725	4.287	2.4	0
304	7.725	4.9	2.4	0
305	7.725	5.512	2.4	0
306	7.725	6.125	2.4	0
307	7.725	6.737	2.4	0
308	7.725	0.6125	3	0
309	7.725	1.225	3	0
310	7.725	1.837	3	0
311	7.725	2.45	3	0
312	7.725	3.062	3	0
313	7.725	3.675	3	0
314	7.725	4.287	3	0
315	7.725	4.9	3	0
316	7.725	5.512	3	0
317	7.725	6.125	3	0
318	7.725	6.737	3	0
319	0.5067	0	0	0
320	1.013	0	0	0
321	0.5067	0	0.6	0
322	1.013	0	0.6	0
323	6.795	0	0	0
324	7.26	0	0	0
325	6.795	0	0.6	0
326	7.26	0	0.6	0
327	8.19	0	0	0
328	8.655	0	0	0
329	8.19	0	0.6	0
330	8.655	0	0.6	0
331	6.795	7.35	0	0
332	7.26	7.35	0	0

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

333	6.795	7.35	0.6	0
334	7.26	7.35	0.6	0
335	8.19	7.35	0	0
336	8.655	7.35	0	0
337	8.19	7.35	0.6	0
338	8.655	7.35	0.6	0
339	14.44	0	0	0
340	14.94	0	0	0
341	14.44	0	0.6	0
342	14.94	0	0.6	0
343	14.94	7.35	0	0
344	14.44	7.35	0	0
345	14.94	7.35	0.6	0
346	14.44	7.35	0.6	0
347	0.5067	7.35	0	0
348	1.013	7.35	0	0
349	0.5067	7.35	0.6	0
350	1.013	7.35	0.6	0
351	0.5067	0	1.2	0
352	1.013	0	1.2	0
353	0.5067	0	1.8	0
354	1.013	0	1.8	0
355	0.5067	0	2.4	0
356	1.013	0	2.4	0
357	0.5067	0	3	0
358	1.013	0	3	0
359	6.795	0	1.2	0
360	7.26	0	1.2	0
361	6.795	0	1.8	0
362	7.26	0	1.8	0
363	6.795	0	2.4	0
364	7.26	0	2.4	0
365	6.795	0	3	0
366	7.26	0	3	0
367	8.19	0	1.2	0
368	8.655	0	1.2	0
369	8.19	0	1.8	0
370	8.655	0	1.8	0
371	8.19	0	2.4	0
372	8.655	0	2.4	0
373	8.19	0	3	0
374	8.655	0	3	0
375	6.795	7.35	1.2	0
376	7.26	7.35	1.2	0
377	6.795	7.35	1.8	0
378	7.26	7.35	1.8	0
379	6.795	7.35	2.4	0
380	7.26	7.35	2.4	0
381	6.795	7.35	3	0
382	7.26	7.35	3	0
383	8.19	7.35	1.2	0
384	8.655	7.35	1.2	0
385	8.19	7.35	1.8	0
386	8.655	7.35	1.8	0
387	8.19	7.35	2.4	0
388	8.655	7.35	2.4	0
389	8.19	7.35	3	0
390	8.655	7.35	3	0
391	14.44	0	1.2	0
392	14.94	0	1.2	0
393	14.44	0	1.8	0
394	14.94	0	1.8	0
395	14.44	0	2.4	0
396	14.94	0	2.4	0

397	14.44	0	3	0
398	14.94	0	3	0
399	14.94	7.35	1.2	0
400	14.44	7.35	1.2	0
401	14.94	7.35	1.8	0
402	14.44	7.35	1.8	0
403	14.94	7.35	2.4	0
404	14.44	7.35	2.4	0
405	14.94	7.35	3	0
406	14.44	7.35	3	0
407	0.5067	7.35	1.2	0
408	1.013	7.35	1.2	0
409	0.5067	7.35	1.8	0
410	1.013	7.35	1.8	0
411	0.5067	7.35	2.4	0
412	1.013	7.35	2.4	0
413	0.5067	7.35	3	0
414	1.013	7.35	3	0
415	2.027	0	0	0
417	2.027	7.35	0	0
427	13.42	0	0	0
433	13.42	7.35	0	0

*** SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

** SUPPORT / SPECIFIED DISPLACEMENT

NODE	SUPPORT	SPECIFIED DISPLACEMENT					
	DDDRRR	Dx	Dy	Dz	Rx	Ry	Rz
1	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
33	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

34	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
181	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
182	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
185	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
186	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
189	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
190	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
217	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
218	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
229	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
230	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
233	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
234	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
253	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
254	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
255	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
256	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
257	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
258	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
259	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
260	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
261	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
262	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
263	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
319	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
320	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
323	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
324	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
327	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
328	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
331	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
332	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
335	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
336	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
339	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
340	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
343	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
344	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
347	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
348	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
415	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
417	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
427	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
433	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

*** SECTION PROPERTY DATA

NO	NAME	SHAPE	H	B	tw	tf1	r1
1	V12X40	SB	0.4	0.12	0	0	0
2	VC30X40	SB	0.4	0.3	0	0	0
3	VC20X40	SB	0.4	0.2	0	0	0
4	V30X40	SB	0.4	0.3	0	0	0

NO	NAME	STIFFNESS SCALE FACTOR							
		A	Asy	Asz	Ix	Iy	Iz	W	Boundary Group
1	V12X40								
2	VC30X40								
3	VC20X40								

4	V30X40	

NO	NAME	AREA	MOMENT OF INERTIA			SHAPE FACTOR	
		[SRC:EQIV.]	Ix	Iy	Iz	k-Y	k-Z
1	V12X40	0.048	0.0001869	0.00064	5.76e-05	0.8333	0.8333
2	VC30X40	0.12	0.001944	0.0016	0.0009	0.8333	0.8333
3	VC20X40	0.08	0.0007324	0.001067	0.0002667	0.8333	0.8333
4	V30X40	0.12	0.001944	0.0016	0.0009	0.8333	0.8333

NO	NAME	SECTION MODULUS Sy		SECTION MODULUS Sz	
		I or CONC.	J or STEEL	I or CONC.	J or STEEL
1	V12X40	0.0032	0.0032	0.00096	0.00096
2	VC30X40	0.008	0.008	0.006	0.006
3	VC20X40	0.005333	0.005333	0.002667	0.002667
4	V30X40	0.008	0.008	0.006	0.006

*** BEAM MEMBER DATA

NO	NODAL CONNECTIVITY		BEAM END RELEASE		MATERIAL	SECTION	LENGTH
	I	J	I	J			
19	34	24	-	-	Grade C4000	VC30X40	1.875
20	30	18	-	-	Grade C4000	VC30X40	1.875
39	162	413	-	-	Grade C4000	V30X40	0.5067
40	163	164	-	-	Grade C4000	V30X40	1.405
41	166	381	-	-	Grade C4000	V30X40	0.465
42	167	389	-	-	Grade C4000	V30X40	0.465
43	168	169	-	-	Grade C4000	V30X40	2.28
44	171	406	-	-	Grade C4000	V30X40	0.5067
45	147	357	-	-	Grade C4000	V30X40	0.5067
46	148	149	-	-	Grade C4000	V30X40	4.81
47	149	365	-	-	Grade C4000	V30X40	0.465
48	150	373	-	-	Grade C4000	V30X40	0.465
49	151	152	-	-	Grade C4000	V30X40	4.81
50	152	397	-	-	Grade C4000	V30X40	0.5067
51	162	228	-	-	Grade C4000	V12X40	0.5567
53	158	252	-	-	Grade C4000	V12X40	0.53
54	156	154	-	-	Grade C4000	V12X40	1.21
55	154	199	-	-	Grade C4000	V12X40	0.5567
56	167	318	-	-	Grade C4000	V12X40	0.6125
57	172	216	-	-	Grade C4000	V12X40	0.5567
58	161	159	-	-	Grade C4000	V12X40	1.21
59	159	244	-	-	Grade C4000	V12X40	0.53
60	157	155	-	-	Grade C4000	V12X40	1.21
61	155	208	-	-	Grade C4000	V12X40	0.5567
62	1	319	-	-	Grade C4000	VC30X40	0.5067
63	2	3	-	-	Grade C4000	VC30X40	4.81
64	3	323	-	-	Grade C4000	VC30X40	0.465
65	4	327	-	-	Grade C4000	VC30X40	0.465
66	5	6	-	-	Grade C4000	VC30X40	4.81
67	6	339	-	-	Grade C4000	VC30X40	0.5067
68	16	347	-	-	Grade C4000	VC30X40	0.5067

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

69	17	18	-	-	Grade C4000	VC30X40	1.405
70	18	19	-	-	Grade C4000	VC30X40	1.075
71	20	331	-	-	Grade C4000	VC30X40	0.465
72	21	335	-	-	Grade C4000	VC30X40	0.465
73	22	23	-	-	Grade C4000	VC30X40	2.28
74	24	25	-	-	Grade C4000	VC30X40	1.405
75	25	344	-	-	Grade C4000	VC30X40	0.5067
76	26	190	-	-	Grade C4000	VC30X40	0.5567
77	15	13	-	-	Grade C4000	VC30X40	1.21
78	13	230	-	-	Grade C4000	VC30X40	0.53
79	11	9	-	-	Grade C4000	VC30X40	1.21
80	9	186	-	-	Grade C4000	VC30X40	0.5567
81	16	218	-	-	Grade C4000	VC30X40	0.5567
83	12	234	-	-	Grade C4000	VC30X40	0.53
84	10	8	-	-	Grade C4000	VC30X40	1.21
85	8	181	-	-	Grade C4000	VC30X40	0.5567
87	174	167	-	-	Grade C4000	V12X40	1.475
89	180	170	-	-	Grade C4000	V12X40	1.875
90	176	164	-	-	Grade C4000	V12X40	1.875
91	176	177	-	-	Grade C4000	V12X40	1.075
92	177	178	-	-	Grade C4000	V12X40	3.725
93	178	179	-	-	Grade C4000	V12X40	3.675
94	179	180	-	-	Grade C4000	V12X40	1.125
95	30	31	-	-	Grade C4000	VC30X40	1.075
96	31	32	-	-	Grade C4000	VC30X40	3.725
97	32	33	-	-	Grade C4000	VC30X40	3.675
98	33	34	-	-	Grade C4000	VC30X40	1.125
99	32	28	-	-	Grade C4000	VC30X40	0.4
100	28	21	-	-	Grade C4000	VC30X40	1.475
101	21	263	-	-	Grade C4000	VC30X40	0.6125
102	178	174	-	-	Grade C4000	V12X40	0.4
103	177	173	-	-	Grade C4000	V12X40	0.4
104	173	165	-	-	Grade C4000	V12X40	1.475
105	165	166	-	-	Grade C4000	V30X40	2.33
106	179	175	-	-	Grade C4000	V12X40	0.4
107	175	169	-	-	Grade C4000	V12X40	1.475
108	169	170	-	-	Grade C4000	V30X40	1.125
109	31	27	-	-	Grade C4000	VC20X40	0.4
110	27	19	-	-	Grade C4000	VC20X40	1.475
111	33	29	-	-	Grade C4000	VC20X40	0.4
112	29	23	-	-	Grade C4000	VC20X40	1.475
113	164	165	-	-	Grade C4000	V30X40	1.075
114	19	20	-	-	Grade C4000	VC30X40	2.33
115	23	24	-	-	Grade C4000	VC30X40	1.125
116	170	171	-	-	Grade C4000	V30X40	1.405
189	160	158	-	-	Grade C4000	V12X40	1.21
195	181	182	-	-	Grade C4000	VC30X40	0.5567
196	182	1	-	-	Grade C4000	VC30X40	0.5567
199	185	7	-	-	Grade C4000	VC30X40	0.5567
200	186	185	-	-	Grade C4000	VC30X40	0.5567
203	189	15	-	-	Grade C4000	VC30X40	0.5567
204	190	189	-	-	Grade C4000	VC30X40	0.5567
213	199	200	-	-	Grade C4000	V12X40	0.5567
214	200	147	-	-	Grade C4000	V12X40	0.5567
223	207	153	-	-	Grade C4000	V12X40	0.5567
224	208	207	-	-	Grade C4000	V12X40	0.5567
233	215	161	-	-	Grade C4000	V12X40	0.5567
234	216	215	-	-	Grade C4000	V12X40	0.5567
237	217	12	-	-	Grade C4000	VC30X40	1.767
238	218	217	-	-	Grade C4000	VC30X40	0.5567
247	227	160	-	-	Grade C4000	V12X40	0.5567
248	228	227	-	-	Grade C4000	V12X40	0.5567
251	229	11	-	-	Grade C4000	VC30X40	0.53
252	230	229	-	-	Grade C4000	VC30X40	0.53

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

255	233	10	-	-	Grade C4000	VC30X40	0.53
256	234	233	-	-	Grade C4000	VC30X40	0.53
265	243	157	-	-	Grade C4000	V12X40	0.53
266	244	243	-	-	Grade C4000	V12X40	0.53
275	251	156	-	-	Grade C4000	V12X40	0.53
276	252	251	-	-	Grade C4000	V12X40	0.53
279	253	4	-	-	Grade C4000	VC30X40	0.6125
280	254	253	-	-	Grade C4000	VC30X40	0.6125
281	255	254	-	-	Grade C4000	VC30X40	0.6125
282	256	255	-	-	Grade C4000	VC30X40	0.6125
283	257	256	-	-	Grade C4000	VC30X40	0.6125
284	258	257	-	-	Grade C4000	VC30X40	0.6125
285	259	258	-	-	Grade C4000	VC30X40	0.6125
286	260	259	-	-	Grade C4000	VC30X40	0.6125
287	261	260	-	-	Grade C4000	VC30X40	0.6125
288	262	261	-	-	Grade C4000	VC30X40	0.6125
289	263	262	-	-	Grade C4000	VC30X40	0.6125
334	308	150	-	-	Grade C4000	V12X40	0.6125
335	309	308	-	-	Grade C4000	V12X40	0.6125
336	310	309	-	-	Grade C4000	V12X40	0.6125
337	311	310	-	-	Grade C4000	V12X40	0.6125
338	312	311	-	-	Grade C4000	V12X40	0.6125
339	313	312	-	-	Grade C4000	V12X40	0.6125
340	314	313	-	-	Grade C4000	V12X40	0.6125
341	315	314	-	-	Grade C4000	V12X40	0.6125
342	316	315	-	-	Grade C4000	V12X40	0.6125
343	317	316	-	-	Grade C4000	V12X40	0.6125
344	318	317	-	-	Grade C4000	V12X40	0.6125
356	319	320	-	-	Grade C4000	VC30X40	0.5067
357	320	2	-	-	Grade C4000	VC30X40	0.5067
360	323	324	-	-	Grade C4000	VC30X40	0.465
361	324	4	-	-	Grade C4000	VC30X40	0.465
364	327	328	-	-	Grade C4000	VC30X40	0.465
365	328	5	-	-	Grade C4000	VC30X40	0.465
368	331	332	-	-	Grade C4000	VC30X40	0.465
369	332	21	-	-	Grade C4000	VC30X40	0.465
372	335	336	-	-	Grade C4000	VC30X40	0.465
373	336	22	-	-	Grade C4000	VC30X40	0.465
376	339	340	-	-	Grade C4000	VC30X40	0.5067
377	340	7	-	-	Grade C4000	VC30X40	0.5067
380	343	26	-	-	Grade C4000	VC30X40	0.5067
381	344	343	-	-	Grade C4000	VC30X40	0.5067
384	347	348	-	-	Grade C4000	VC30X40	0.5067
385	348	17	-	-	Grade C4000	VC30X40	0.5067
394	357	358	-	-	Grade C4000	V30X40	0.5067
395	358	148	-	-	Grade C4000	V30X40	0.5067
404	365	366	-	-	Grade C4000	V30X40	0.465
405	366	150	-	-	Grade C4000	V30X40	0.465
414	373	374	-	-	Grade C4000	V30X40	0.465
415	374	151	-	-	Grade C4000	V30X40	0.465
424	381	382	-	-	Grade C4000	V30X40	0.465
425	382	167	-	-	Grade C4000	V30X40	0.465
434	389	390	-	-	Grade C4000	V30X40	0.465
435	390	168	-	-	Grade C4000	V30X40	0.465
444	397	398	-	-	Grade C4000	V30X40	0.5067
445	398	153	-	-	Grade C4000	V30X40	0.5067
454	405	172	-	-	Grade C4000	V30X40	0.5067
455	406	405	-	-	Grade C4000	V30X40	0.5067
464	413	414	-	-	Grade C4000	V30X40	0.5067
465	414	163	-	-	Grade C4000	V30X40	0.5067

*** WALL MEMBER DATA

PROJECT TITLE :

MIDAS	Company		Client	
	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

NO	NODAL CONNECTIVITY 1	2	3	4	MATERIAL	THICKNESS	AREA
21	8	181	183	42	MAMP CONCR	0.12	0.334
22	1	319	321	35	MAMP CONCR	0.235	0.304
23	3	323	325	37	MAMP CONCR	0.12	0.279
24	4	327	329	38	MAMP CONCR	0.12	0.279
25	4	253	264	38	MAMP CONCR	0.12	0.3675
26	20	331	333	52	MAMP CONCR	0.12	0.279
27	21	335	337	53	MAMP CONCR	0.12	0.279
28	6	339	341	40	MAMP CONCR	0.235	0.304
29	7	185	187	41	MAMP CONCR	0.12	0.334
30	11	229	231	45	MAMP CONCR	0.12	0.318
31	15	189	191	49	MAMP CONCR	0.12	0.334
32	26	343	345	56	MAMP CONCR	0.235	0.304
33	10	233	235	44	MAMP CONCR	0.12	0.318
35	16	347	349	50	MAMP CONCR	0.235	0.304
117	42	183	193	70	MAMP CONCR	0.12	0.334
118	70	193	195	98	MAMP CONCR	0.12	0.334
119	98	195	197	126	MAMP CONCR	0.12	0.334
120	126	197	199	154	MAMP CONCR	0.12	0.334
121	35	321	351	63	MAMP CONCR	0.235	0.304
122	63	351	353	91	MAMP CONCR	0.235	0.304
123	91	353	355	119	MAMP CONCR	0.235	0.304
124	119	355	357	147	MAMP CONCR	0.235	0.304
125	37	325	359	65	MAMP CONCR	0.12	0.279
126	65	359	361	93	MAMP CONCR	0.12	0.279
127	93	361	363	121	MAMP CONCR	0.12	0.279
128	121	363	365	149	MAMP CONCR	0.12	0.279
129	38	329	367	66	MAMP CONCR	0.12	0.279
130	66	367	369	94	MAMP CONCR	0.12	0.279
131	94	369	371	122	MAMP CONCR	0.12	0.279
132	122	371	373	150	MAMP CONCR	0.12	0.279
133	38	264	275	66	MAMP CONCR	0.12	0.3675
134	66	275	286	94	MAMP CONCR	0.12	0.3675
135	94	286	297	122	MAMP CONCR	0.12	0.3675
136	122	297	308	150	MAMP CONCR	0.12	0.3675
137	52	333	375	80	MAMP CONCR	0.12	0.279
138	80	375	377	108	MAMP CONCR	0.12	0.279
139	108	377	379	136	MAMP CONCR	0.12	0.279
140	136	379	381	166	MAMP CONCR	0.12	0.279
141	53	337	383	81	MAMP CONCR	0.12	0.279
142	81	383	385	109	MAMP CONCR	0.12	0.279
143	109	385	387	137	MAMP CONCR	0.12	0.279
144	137	387	389	167	MAMP CONCR	0.12	0.279
145	40	341	391	68	MAMP CONCR	0.235	0.304
146	68	391	393	96	MAMP CONCR	0.235	0.304
147	96	393	395	124	MAMP CONCR	0.235	0.304
148	124	395	397	152	MAMP CONCR	0.235	0.304
149	41	187	201	69	MAMP CONCR	0.12	0.334
150	69	201	203	97	MAMP CONCR	0.12	0.334
151	97	203	205	125	MAMP CONCR	0.12	0.334
152	125	205	207	153	MAMP CONCR	0.12	0.334
153	45	231	237	73	MAMP CONCR	0.12	0.318
154	73	237	239	101	MAMP CONCR	0.12	0.318
155	101	239	241	129	MAMP CONCR	0.12	0.318
156	129	241	243	157	MAMP CONCR	0.12	0.318
157	49	191	209	77	MAMP CONCR	0.12	0.334
158	77	209	211	105	MAMP CONCR	0.12	0.334
159	105	211	213	133	MAMP CONCR	0.12	0.334
160	133	213	215	161	MAMP CONCR	0.12	0.334
161	56	345	399	84	MAMP CONCR	0.235	0.304
162	84	399	401	112	MAMP CONCR	0.235	0.304
163	112	401	403	140	MAMP CONCR	0.235	0.304

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

164	140	403	405	172	MAMP CONCR	0.235	0.304
165	44	235	245	72	MAMP CONCR	0.12	0.318
166	72	245	247	100	MAMP CONCR	0.12	0.318
167	100	247	249	128	MAMP CONCR	0.12	0.318
168	128	249	251	156	MAMP CONCR	0.12	0.318
173	50	349	407	78	MAMP CONCR	0.235	0.304
174	78	407	409	106	MAMP CONCR	0.235	0.304
175	106	409	411	134	MAMP CONCR	0.235	0.304
176	134	411	413	162	MAMP CONCR	0.235	0.304
190	14	217	219	48	MAMP CONCR	0.12	0.334
191	48	219	221	76	MAMP CONCR	0.12	0.334
192	76	221	223	104	MAMP CONCR	0.12	0.334
193	104	223	225	132	MAMP CONCR	0.12	0.334
194	132	225	227	160	MAMP CONCR	0.12	0.334
197	181	182	184	183	MAMP CONCR	0.12	0.334
198	182	1	35	184	MAMP CONCR	0.12	0.334
201	185	186	188	187	MAMP CONCR	0.12	0.334
202	186	9	43	188	MAMP CONCR	0.12	0.334
205	189	190	192	191	MAMP CONCR	0.12	0.334
206	190	26	56	192	MAMP CONCR	0.12	0.334
207	183	184	194	193	MAMP CONCR	0.12	0.334
208	184	35	63	194	MAMP CONCR	0.12	0.334
209	193	194	196	195	MAMP CONCR	0.12	0.334
210	194	63	91	196	MAMP CONCR	0.12	0.334
211	195	196	198	197	MAMP CONCR	0.12	0.334
212	196	91	119	198	MAMP CONCR	0.12	0.334
215	197	198	200	199	MAMP CONCR	0.12	0.334
216	198	119	147	200	MAMP CONCR	0.12	0.334
217	187	188	202	201	MAMP CONCR	0.12	0.334
218	188	43	71	202	MAMP CONCR	0.12	0.334
219	201	202	204	203	MAMP CONCR	0.12	0.334
220	202	71	99	204	MAMP CONCR	0.12	0.334
221	203	204	206	205	MAMP CONCR	0.12	0.334
222	204	99	127	206	MAMP CONCR	0.12	0.334
225	205	206	208	207	MAMP CONCR	0.12	0.334
226	206	127	155	208	MAMP CONCR	0.12	0.334
227	191	192	210	209	MAMP CONCR	0.12	0.334
228	192	56	84	210	MAMP CONCR	0.12	0.334
229	209	210	212	211	MAMP CONCR	0.12	0.334
230	210	84	112	212	MAMP CONCR	0.12	0.334
231	211	212	214	213	MAMP CONCR	0.12	0.334
232	212	112	140	214	MAMP CONCR	0.12	0.334
235	213	214	216	215	MAMP CONCR	0.12	0.334
236	214	140	172	216	MAMP CONCR	0.12	0.334
239	217	218	220	219	MAMP CONCR	0.12	0.334
240	218	16	50	220	MAMP CONCR	0.12	0.334
241	219	220	222	221	MAMP CONCR	0.12	0.334
242	220	50	78	222	MAMP CONCR	0.12	0.334
243	221	222	224	223	MAMP CONCR	0.12	0.334
244	222	78	106	224	MAMP CONCR	0.12	0.334
245	223	224	226	225	MAMP CONCR	0.12	0.334
246	224	106	134	226	MAMP CONCR	0.12	0.334
249	225	226	228	227	MAMP CONCR	0.12	0.334
250	226	134	162	228	MAMP CONCR	0.12	0.334
253	229	230	232	231	MAMP CONCR	0.12	0.318
254	230	13	47	232	MAMP CONCR	0.12	0.318
257	233	234	236	235	MAMP CONCR	0.12	0.318
258	234	12	46	236	MAMP CONCR	0.12	0.318
259	231	232	238	237	MAMP CONCR	0.12	0.318
260	232	47	75	238	MAMP CONCR	0.12	0.318
261	237	238	240	239	MAMP CONCR	0.12	0.318
262	238	75	103	240	MAMP CONCR	0.12	0.318
263	239	240	242	241	MAMP CONCR	0.12	0.318
264	240	103	131	242	MAMP CONCR	0.12	0.318

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

267	241	242	244	243	MAMP CONCR	0.12	0.318
268	242	131	159	244	MAMP CONCR	0.12	0.318
269	235	236	246	245	MAMP CONCR	0.12	0.318
270	236	46	74	246	MAMP CONCR	0.12	0.318
271	245	246	248	247	MAMP CONCR	0.12	0.318
272	246	74	102	248	MAMP CONCR	0.12	0.318
273	247	248	250	249	MAMP CONCR	0.12	0.318
274	248	102	130	250	MAMP CONCR	0.12	0.318
277	249	250	252	251	MAMP CONCR	0.12	0.318
278	250	130	158	252	MAMP CONCR	0.12	0.318
290	253	254	265	264	MAMP CONCR	0.12	0.3675
291	254	255	266	265	MAMP CONCR	0.12	0.3675
292	255	256	267	266	MAMP CONCR	0.12	0.3675
293	256	257	268	267	MAMP CONCR	0.12	0.3675
294	257	258	269	268	MAMP CONCR	0.12	0.3675
295	258	259	270	269	MAMP CONCR	0.12	0.3675
296	259	260	271	270	MAMP CONCR	0.12	0.3675
297	260	261	272	271	MAMP CONCR	0.12	0.3675
298	261	262	273	272	MAMP CONCR	0.12	0.3675
299	262	263	274	273	MAMP CONCR	0.12	0.3675
300	263	21	53	274	MAMP CONCR	0.12	0.3675
301	264	265	276	275	MAMP CONCR	0.12	0.3675
302	265	266	277	276	MAMP CONCR	0.12	0.3675
303	266	267	278	277	MAMP CONCR	0.12	0.3675
304	267	268	279	278	MAMP CONCR	0.12	0.3675
305	268	269	280	279	MAMP CONCR	0.12	0.3675
306	269	270	281	280	MAMP CONCR	0.12	0.3675
307	270	271	282	281	MAMP CONCR	0.12	0.3675
308	271	272	283	282	MAMP CONCR	0.12	0.3675
309	272	273	284	283	MAMP CONCR	0.12	0.3675
310	273	274	285	284	MAMP CONCR	0.12	0.3675
311	274	53	81	285	MAMP CONCR	0.12	0.3675
312	275	276	287	286	MAMP CONCR	0.12	0.3675
313	276	277	288	287	MAMP CONCR	0.12	0.3675
314	277	278	289	288	MAMP CONCR	0.12	0.3675
315	278	279	290	289	MAMP CONCR	0.12	0.3675
316	279	280	291	290	MAMP CONCR	0.12	0.3675
317	280	281	292	291	MAMP CONCR	0.12	0.3675
318	281	282	293	292	MAMP CONCR	0.12	0.3675
319	282	283	294	293	MAMP CONCR	0.12	0.3675
320	283	284	295	294	MAMP CONCR	0.12	0.3675
321	284	285	296	295	MAMP CONCR	0.12	0.3675
322	285	81	109	296	MAMP CONCR	0.12	0.3675
323	286	287	298	297	MAMP CONCR	0.12	0.3675
324	287	288	299	298	MAMP CONCR	0.12	0.3675
325	288	289	300	299	MAMP CONCR	0.12	0.3675
326	289	290	301	300	MAMP CONCR	0.12	0.3675
327	290	291	302	301	MAMP CONCR	0.12	0.3675
328	291	292	303	302	MAMP CONCR	0.12	0.3675
329	292	293	304	303	MAMP CONCR	0.12	0.3675
330	293	294	305	304	MAMP CONCR	0.12	0.3675
331	294	295	306	305	MAMP CONCR	0.12	0.3675
332	295	296	307	306	MAMP CONCR	0.12	0.3675
333	296	109	137	307	MAMP CONCR	0.12	0.3675
345	297	298	309	308	MAMP CONCR	0.12	0.3675
346	298	299	310	309	MAMP CONCR	0.12	0.3675
347	299	300	311	310	MAMP CONCR	0.12	0.3675
348	300	301	312	311	MAMP CONCR	0.12	0.3675
349	301	302	313	312	MAMP CONCR	0.12	0.3675
350	302	303	314	313	MAMP CONCR	0.12	0.3675
351	303	304	315	314	MAMP CONCR	0.12	0.3675
352	304	305	316	315	MAMP CONCR	0.12	0.3675
353	305	306	317	316	MAMP CONCR	0.12	0.3675
354	306	307	318	317	MAMP CONCR	0.12	0.3675

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

355	307	137	167	318	MAMP CONCR	0.12	0.3675
358	319	320	322	321	MAMP CONCR	0.235	0.304
359	320	2	36	322	MAMP CONCR	0.235	0.304
362	323	324	326	325	MAMP CONCR	0.12	0.279
363	324	4	38	326	MAMP CONCR	0.12	0.279
366	327	328	330	329	MAMP CONCR	0.12	0.279
367	328	5	39	330	MAMP CONCR	0.12	0.279
370	331	332	334	333	MAMP CONCR	0.12	0.279
371	332	21	53	334	MAMP CONCR	0.12	0.279
374	335	336	338	337	MAMP CONCR	0.12	0.279
375	336	22	54	338	MAMP CONCR	0.12	0.279
378	339	340	342	341	MAMP CONCR	0.235	0.304
379	340	7	41	342	MAMP CONCR	0.235	0.304
382	343	344	346	345	MAMP CONCR	0.235	0.304
383	344	25	55	346	MAMP CONCR	0.235	0.304
386	347	348	350	349	MAMP CONCR	0.235	0.304
387	348	17	51	350	MAMP CONCR	0.235	0.304
388	321	322	352	351	MAMP CONCR	0.235	0.304
389	322	36	64	352	MAMP CONCR	0.235	0.304
390	351	352	354	353	MAMP CONCR	0.235	0.304
391	352	64	92	354	MAMP CONCR	0.235	0.304
392	353	354	356	355	MAMP CONCR	0.235	0.304
393	354	92	120	356	MAMP CONCR	0.235	0.304
396	355	356	358	357	MAMP CONCR	0.235	0.304
397	356	120	148	358	MAMP CONCR	0.235	0.304
398	325	326	360	359	MAMP CONCR	0.12	0.279
399	326	38	66	360	MAMP CONCR	0.12	0.279
400	359	360	362	361	MAMP CONCR	0.12	0.279
401	360	66	94	362	MAMP CONCR	0.12	0.279
402	361	362	364	363	MAMP CONCR	0.12	0.279
403	362	94	122	364	MAMP CONCR	0.12	0.279
406	363	364	366	365	MAMP CONCR	0.12	0.279
407	364	122	150	366	MAMP CONCR	0.12	0.279
408	329	330	368	367	MAMP CONCR	0.12	0.279
409	330	39	67	368	MAMP CONCR	0.12	0.279
410	367	368	370	369	MAMP CONCR	0.12	0.279
411	368	67	95	370	MAMP CONCR	0.12	0.279
412	369	370	372	371	MAMP CONCR	0.12	0.279
413	370	95	123	372	MAMP CONCR	0.12	0.279
416	371	372	374	373	MAMP CONCR	0.12	0.279
417	372	123	151	374	MAMP CONCR	0.12	0.279
418	333	334	376	375	MAMP CONCR	0.12	0.279
419	334	53	81	376	MAMP CONCR	0.12	0.279
420	375	376	378	377	MAMP CONCR	0.12	0.279
421	376	81	109	378	MAMP CONCR	0.12	0.279
422	377	378	380	379	MAMP CONCR	0.12	0.279
423	378	109	137	380	MAMP CONCR	0.12	0.279
426	379	380	382	381	MAMP CONCR	0.12	0.279
427	380	137	167	382	MAMP CONCR	0.12	0.279
428	337	338	384	383	MAMP CONCR	0.12	0.279
429	338	54	82	384	MAMP CONCR	0.12	0.279
430	383	384	386	385	MAMP CONCR	0.12	0.279
431	384	82	110	386	MAMP CONCR	0.12	0.279
432	385	386	388	387	MAMP CONCR	0.12	0.279
433	386	110	138	388	MAMP CONCR	0.12	0.279
436	387	388	390	389	MAMP CONCR	0.12	0.279
437	388	138	168	390	MAMP CONCR	0.12	0.279
438	341	342	392	391	MAMP CONCR	0.235	0.304
439	342	41	69	392	MAMP CONCR	0.235	0.304
440	391	392	394	393	MAMP CONCR	0.235	0.304
441	392	69	97	394	MAMP CONCR	0.235	0.304
442	393	394	396	395	MAMP CONCR	0.235	0.304
443	394	97	125	396	MAMP CONCR	0.235	0.304
446	395	396	398	397	MAMP CONCR	0.235	0.304

447	396	125	153	398	MAMP CONCR	0.235	0.304
448	345	346	400	399	MAMP CONCR	0.235	0.304
449	346	55	83	400	MAMP CONCR	0.235	0.304
450	399	400	402	401	MAMP CONCR	0.235	0.304
451	400	83	111	402	MAMP CONCR	0.235	0.304
452	401	402	404	403	MAMP CONCR	0.235	0.304
453	402	111	139	404	MAMP CONCR	0.235	0.304
456	403	404	406	405	MAMP CONCR	0.235	0.304
457	404	139	171	406	MAMP CONCR	0.235	0.304
458	349	350	408	407	MAMP CONCR	0.235	0.304
459	350	51	79	408	MAMP CONCR	0.235	0.304
460	407	408	410	409	MAMP CONCR	0.235	0.304
461	408	79	107	410	MAMP CONCR	0.235	0.304
462	409	410	412	411	MAMP CONCR	0.235	0.304
463	410	107	135	412	MAMP CONCR	0.235	0.304
466	411	412	414	413	MAMP CONCR	0.235	0.304
467	412	135	163	414	MAMP CONCR	0.235	0.304

*** TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

SECTION NO	SECION NAME	SURFACE AREA	VOLUME	WEIGHT	FRAME NUMBER	TRUSS NUMBER
1	V12X40	42.67	1.969	46.4	46	0
2	VC30X40	95.45	8.181	192.8	73	0
3	VC20X40	4.5	0.3	7.069	4	0
4	V30X40	43.26	3.708	87.37	32	0

*** LOAD DATA

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

System Temperature, Nodal Temperature, Element Temperature, Beam Section Temperature,
Wind Load, Static Seismic Load, Time History Analysis Data

** FLOOR LOAD TYPE DATA

NAME	LOADCASE NAME	LOAD	SUB-BEAM WEIGHT
CUBIERTA	D	-0.19	Consider
	LR	-0.35	Do not consider
	W	-0.77	Do not consider
	WN	0.77	Do not consider
CUBIERTA 2	D	-0.32	Consider
	LR	-0.5	Do not consider
	W	-0.77	Do not consider
	WN	0.77	Do not consider

** FLOOR LOAD DATA

LOAD TYPE	DISTRIBUTION	DIR.	PROJ	NUMBER	SUB-BEAM ANGLE	UNIT-W	NODE LIST
CUBIERTA	One Way	GZ	NO	0	0	0	162 167 150 147
CUBIERTA	One Way	GZ	NO	0	0	0	167 172 153 150
CUBIERTA 2	One Way	GZ	NO	0	0	0	176 180 170 164

[LOAD CASE : D]

PROJECT TITLE :

MIDAS	Company		Client	
	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

** BEAM LOAD DATA

MEMBER	TYPE	DIR.	PROJ.	D1	P1	D2	P2	D3	P3	D4	P4
39	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
40	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
41	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
42	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
43	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
44	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
45	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
46	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
47	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
48	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
49	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
50	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
51	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
53	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
54	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
55	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
56	Uniform Load	GZ	NO	0	-0.33	1	-0.795	0	0	0	0
57	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
58	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
59	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
60	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
61	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
105	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
108	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
113	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
116	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0	0
189	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
213	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0
214	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0	0

0											
	223	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	224	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	233	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	234	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	247	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	248	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	265	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	266	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	275	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	276	Uniform Load	GZ	NO	0	-4.21	1	-4.21	0	0	0
0											
	334	Uniform Load	GZ	NO	0	-0.795	1	-0.33	0	0	0
0											
	335	Uniform Load	GZ	NO	0	-1.26	1	-0.795	0	0	0
0											
	336	Uniform Load	GZ	NO	0	-1.72	1	-1.26	0	0	0
0											
	337	Uniform Load	GZ	NO	0	-2.19	1	-1.72	0	0	0
0											
	338	Uniform Load	GZ	NO	0	-2.66	1	-2.19	0	0	0
0											
	339	Uniform Load	GZ	NO	0	-3.12	1	-2.66	0	0	0
0											
	340	Uniform Load	GZ	NO	0	-2.66	1	-3.12	0	0	0
0											
	341	Uniform Load	GZ	NO	0	-2.19	1	-2.66	0	0	0
0											
	342	Uniform Load	GZ	NO	0	-1.73	1	-2.19	0	0	0
0											
	343	Uniform Load	GZ	NO	0	-1.26	1	-1.73	0	0	0
0											
	344	Uniform Load	GZ	NO	0	-0.795	1	-1.26	0	0	0
0											
	394	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	395	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	404	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	405	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	414	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	415	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	424	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	425	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	434	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	435	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0
0											
	444	Uniform Load	GZ	NO	0	-0.33	1	-0.33	0	0	0

```
     0
        445         Uniform Load     GZ    NO     0    -0.33     1    -0.33     0         0      0
     0
        454         Uniform Load     GZ    NO     0    -0.33     1    -0.33     0         0      0
     0
        455         Uniform Load     GZ    NO     0    -0.33     1    -0.33     0         0      0
     0
        464         Uniform Load     GZ    NO     0    -0.33     1    -0.33     0         0      0
     0
        465         Uniform Load     GZ    NO     0    -0.33     1    -0.33     0         0      0
     0
```

[LOAD CASE : FHEX]

** STATIC SEISMIC LOAD DATA : CODE , NSR-10

---

* MASS GENERATION DATA FOR LATERAL ANALYSIS OF BUILDING [UNIT: kN, m]

STORY NAME	TRANSLATIONAL MASS (X-DIR)	TRANSLATIONAL MASS (Y-DIR)	ROTATIONAL MASS	CENTER OF MASS (X-COORD)	CENTER OF MASS (Y-COORD)
Roof	0.0	0.0	0.0	0.0	0.0
5F	0.0	0.0	0.0	0.0	0.0
4F	0.0	0.0	0.0	0.0	0.0
3F	0.0	0.0	0.0	0.0	0.0
2F	0.0	0.0	0.0	0.0	0.0
1F	0.0	0.0	0.0	0.0	0.0
TOTAL :	0.0	0.0			

* ADDITIONAL MASSES FOR THE CALCULATION OF EQUIVALENT SEISMIC FORCE

Note. The following masses are between two adjacent stories or on the nodes released from floor rigid diaphragm by *Diaphragm Disconnect command. The masses are proportionally distributed to upper/lower stories according to their vertical locations. For dynamic analysis, however, floor masses and masses on vertical elements remain at their original locations.

STORY NAME	TRANSLATIONAL MASS (X-DIR)	TRANSLATIONAL MASS (Y-DIR)
Roof	28.1306526	28.1306526
5F	6.11419947	6.11419947
4F	6.11419947	6.11419947
3F	6.11419947	6.11419947
2F	6.11419947	6.11419947
1F	23.436345	23.436345
TOTAL :	76.0237955	76.0237955

* EQUIVALENT SEISMIC LOAD IN ACCORDANCE WITH NSR-10 [UNIT: kN, m]

```
  Site Class                                          : D
  Effective Peak Acceleration(Aa)                     : 0.15000
  Effective Peak Velocity (Av)                        : 0.15000
```

```
  Site Coefficient at Short Periods (Fa)                : 1.50000
  Site Coefficient at 1 s Period (Fv)                   : 2.20000
  Importance Factor (I)                                 : 1.25
  Period Coefficient for Upper Limit (Cu)               : 1.3540
  Fundamental Period Associated with X-dir. (Tx)        : 0.1117
  Fundamental Period Associated with Y-dir. (Ty)        : 0.1117
  Basic Ductility Factor for X-dir. (Rx0)               : 1.00000
  Basic Ductility Factor for Y-dir. (Ry0)               : 1.00000
  Reduction Factor of Irregularity for X-dir. (Phix)    : 1.00000
  Reduction Factor of Irregularity for Y-dir. (Phiy)    : 1.00000
  Ductility Factor for X-dir. (Rx)                      : 1.00000
  Ductility Factor for X-dir. (Rx)                      : 1.00000
  Total Effective Weight For X-dir. Seismic Loads (Wx)    : 515.672539
  Total Effective Weight For Y-dir. Seismic Loads (Wy)    : 515.672539

  Scale Factor For X-directional Seismic Loads            : 1.00
  Scale Factor For Y-directional Seismic Loads            : 0.00

  Accidental Eccentricity For X-direction (Ex)            : Positive
  Accidental Eccentricity For Y-direction (Ey)            : Positive

  Torsional Amplification for Accidental Eccentricity     : Do not Consider
  Torsional Amplification for Inherent Eccentricity       : Do not Consider

  Total Base Shear Of Model For X-direction               : 362.582254
  Total Base Shear Of Model For Y-direction               : 0.000000
  Summation Of Wi*Hi^k Of Model For X-direction           : 1187.282577
  Summation Of Wi*Hi^k Of Model For Y-direction           : 0.000000
-------------------------------------------------------------------------------


============================
 ECCENTRICITY RELATED DATA
============================
```

STORY NAME	X-DIRECTIONAL LOAD ACCIDENTAL ECCENT.	X-DIRECTIONAL LOAD INHERENT ECCENT.	X-DIRECTIONAL LOAD ACCIDENTAL AMP.FACTOR	X-DIRECTIONAL LOAD INHERENT AMP.FACTOR	Y-DIRECTIONAL LOAD ACCIDENTAL ECCENT.	Y-DIRECTIONAL LOAD INHERENT ECCENT.	Y-DIRECTIONAL LOAD ACCIDENTAL AMP.FACTOR	Y-DIRECTIONAL LOAD INHERENT AMP.FACTOR
Roof	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
5F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
4F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
3F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
2F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
G.L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

```
-------------------------------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------------------------------
The accidental amplification factors are automatically set to 1.0 when torsional amplification effect
to accidental eccentricity is not considered.
```

The inherent amplification factors are automatically set to 0 when torsional amplification effect to inherent eccentricity is not considered.
The inherent amplification factors are all set to 'the input value - 1.0'.(This is to exclude the true
inherent torsion)

** Story Force , Seismic Force x Scale Factor + Added Force

S E I S M I C L O A D G E N E R A T I O N D A T A X - D I R E C T I O N

STORY NAME	STORY WEIGHT	STORY LEVEL	SEISMIC FORCE	ADDED FORCE	STORY FORCE	STORY SHEAR	OVERTURN. MOMENT	ACCIDENT. TORSION	INHERENT TORSION	TOTAL TORSION
Roof	275.8492	3.0	252.7234	0.0	252.7234	0.0	0.0	116.5687	0.0	116.5687
5F	59.95584	2.4	43.94355	0.0	43.94355	252.7234	151.634	20.26896	0.0	20.26896
4F	59.95584	1.8	32.95767	0.0	32.95767	296.6669	329.6342	15.20172	0.0	15.20172
3F	59.95584	1.2	21.97178	0.0	21.97178	329.6246	527.4089	10.13448	0.0	10.13448
2F	59.95584	0.6	10.98589	0.0	10.98589	351.5964	738.3667	5.067241	0.0	5.067241
G.L.	--	0.0	--	--	--	362.5823	955.9161	---	---	--

S E I S M I C L O A D G E N E R A T I O N D A T A Y - D I R E C T I O N

STORY NAME	STORY WEIGHT	STORY LEVEL	SEISMIC FORCE	ADDED FORCE	STORY FORCE	STORY SHEAR	OVERTURN. MOMENT	ACCIDENT. TORSION	INHERENT TORSION	TOTAL TORSION
Roof	275.8492	3.0	252.7234	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5F	59.95584	2.4	43.94355	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4F	59.95584	1.8	32.95767	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3F	59.95584	1.2	21.97178	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2F	59.95584	0.6	10.98589	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.L.	--	0.0	--	--	--	0.0	0.0	---	---	--

==========
COMMENTS ABOUT TORSION
==========

If torsional amplification effects are considered :

Accidental Torsion , Story Force * Accidental Eccentricity * Amp. Factor for Accidental Eccentricity
Inherent Torsion , Story Force * Inherent Eccentricity * Amp. Factor for Inherent Eccentricity

---
If torsional amplification effects are not considered :

Accidental Torsion , Story Force * Accidental Eccentricity
Inherent Torsion , 0

The inherent torsion above is the additional torsion due to torsional amplification effect.
The true inherent torsion is considered automatically in analysis stage when the seismic force is applied to the structure.

[LOAD CASE : FHEY]

** STATIC SEISMIC LOAD DATA : CODE , NSR-10

---

* MASS GENERATION DATA FOR LATERAL ANALYSIS OF BUILDING [UNIT: kN, m]

STORY NAME	TRANSLATIONAL MASS (X-DIR)	TRANSLATIONAL MASS (Y-DIR)	ROTATIONAL MASS	CENTER OF MASS (X-COORD)	CENTER OF MASS (Y-COORD)
Roof	0.0	0.0	0.0	0.0	0.0
5F	0.0	0.0	0.0	0.0	0.0
4F	0.0	0.0	0.0	0.0	0.0
3F	0.0	0.0	0.0	0.0	0.0
2F	0.0	0.0	0.0	0.0	0.0
1F	0.0	0.0	0.0	0.0	0.0
TOTAL :	0.0	0.0			

* ADDITIONAL MASSES FOR THE CALCULATION OF EQUIVALENT SEISMIC FORCE

Note. The following masses are between two adjacent stories or on the nodes released from floor rigid diaphragm by *Diaphragm Disconnect command. The masses are proportionally distributed to upper/lower stories according to their vertical locations. For dynamic analysis, however, floor masses and masses on vertical elements remain at their original locations.

STORY NAME	TRANSLATIONAL MASS (X-DIR)	TRANSLATIONAL MASS (Y-DIR)
Roof	28.1306526	28.1306526
5F	6.11419947	6.11419947

4F	6.11419947	6.11419947
3F	6.11419947	6.11419947
2F	6.11419947	6.11419947
1F	23.436345	23.436345
TOTAL :	76.0237955	76.0237955

* EQUIVALENT SEISMIC LOAD IN ACCORDANCE WITH NSR-10 [UNIT: kN, m]

Site Class	: D
Effective Peak Acceleration(Aa)	: 0.15000
Effective Peak Velocity (Av)	: 0.15000
Site Coefficient at Short Periods (Fa)	: 1.50000
Site Coefficient at 1 s Period (Fv)	: 2.20000
Importance Factor (I)	: 1.25
Period Coefficient for Upper Limit (Cu)	: 1.3540
Fundamental Period Associated with X-dir. (Tx)	: 0.1117
Fundamental Period Associated with Y-dir. (Ty)	: 0.1117
Basic Ductility Factor for X-dir. (Rx0)	: 1.00000
Basic Ductility Factor for Y-dir. (Ry0)	: 1.00000
Reduction Factor of Irregularity for X-dir. (Phix)	: 1.00000
Reduction Factor of Irregularity for Y-dir. (Phiy)	: 1.00000
Ductility Factor for X-dir. (Rx)	: 1.00000
Ductility Factor for X-dir. (Rx)	: 1.00000
Total Effective Weight For X-dir. Seismic Loads (Wx)	: 515.672539
Total Effective Weight For Y-dir. Seismic Loads (Wy)	: 515.672539
Scale Factor For X-directional Seismic Loads	: 0.00
Scale Factor For Y-directional Seismic Loads	: 1.00
Accidental Eccentricity For X-direction (Ex)	: Positive
Accidental Eccentricity For Y-direction (Ey)	: Positive
Torsional Amplification for Accidental Eccentricity	: Do not Consider
Torsional Amplification for Inherent Eccentricity	: Do not Consider
Total Base Shear Of Model For X-direction	: 0.000000
Total Base Shear Of Model For Y-direction	: 362.582254
Summation Of Wi*Hi^k Of Model For X-direction	: 0.000000
Summation Of Wi*Hi^k Of Model For Y-direction	: 1187.282577

ECCENTRICITY RELATED DATA

	X - D I R E C T I O N A L L O A D				Y - D I R E C T I O N A L L O A D			
STORY NAME	ACCIDENTAL ECCENT.	INHERENT ECCENT.	ACCIDENTAL AMP.FACTOR	INHERENT AMP.FACTOR	ACCIDENTAL ECCENT.	INHERENT ECCENT.	ACCIDENTAL AMP.FACTOR	INHERENT AMP.FACTOR
Roof	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
5F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
4F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	0.0
3F	-0.46125	0.0	1.0	0.0	0.7725	0.0	1.0	

```
 0.0
       2F     -0.46125        0.0        1.0        0.0        0.7725        0.0        1.0
 0.0
      G.L          0.0        0.0        0.0        0.0           0.0        0.0        0.0
 0.0
-------------------------------------------------------------------------------------------
----

-------------------------------------------------------------------------------------------
----
The accidental amplification factors are automatically set to 1.0 when torsional amplification effe
ct
to accidental eccentricity is not considered.
The inherent amplification factors are automatically set to 0 when torsional amplification effect
to inherent eccentricity is not considered.
The inherent amplification factors are all set to 'the input value - 1.0'.(This is to exclude the t
rue
inherent torsion)
-------------------------------------------------------------------------------------------
----


  ** Story Force , Seismic Force x Scale Factor + Added Force


          S E I S M I C   L O A D   G E N E R A T I O N   D A T A   X - D I R E C T I O N

     STORY   STORY   STORY  SEISMIC   ADDED    STORY    STORY   OVERTURN. ACCIDENT. INHERENT   TOTA
L
     NAME    WEIGHT  LEVEL  FORCE     FORCE    FORCE    SHEAR   MOMENT    TORSION   TORSION    TORS
ION
---------- -------- ------- -------- -------- -------- -------- --------- --------- --------- -----
----
      Roof 275.8492     3.0 252.7234      0.0      0.0      0.0       0.0       0.0       0.0
 0.0
        5F 59.95584     2.4 43.94355      0.0      0.0      0.0       0.0       0.0       0.0
 0.0
        4F 59.95584     1.8 32.95767      0.0      0.0      0.0       0.0       0.0       0.0
 0.0
        3F 59.95584     1.2 21.97178      0.0      0.0      0.0       0.0       0.0       0.0
 0.0
        2F 59.95584     0.6 10.98589      0.0      0.0      0.0       0.0       0.0       0.0
 0.0
      G.L.    --        0.0    --       --       --        0.0       0.0    ---       ---       --
-
-------------------------------------------------------------------------------------------
----


          S E I S M I C   L O A D   G E N E R A T I O N   D A T A   Y - D I R E C T I O N

     STORY   STORY   STORY  SEISMIC   ADDED    STORY    STORY   OVERTURN. ACCIDENT. INHERENT   TOTA
L
     NAME    WEIGHT  LEVEL  FORCE     FORCE    FORCE    SHEAR   MOMENT    TORSION   TORSION    TORS
ION
---------- -------- ------- -------- -------- -------- -------- --------- --------- --------- -----
----
      Roof 275.8492     3.0 252.7234      0.0 252.7234      0.0       0.0  195.2288       0.0  195.
2288
        5F 59.95584     2.4 43.94355      0.0 43.94355 252.7234   151.634   33.9464       0.0   33.
9464
        4F 59.95584     1.8 32.95767      0.0 32.95767 296.6669  329.6342   25.4598       0.0   25.
4598
        3F 59.95584     1.2 21.97178      0.0 21.97178 329.6246  527.4089   16.9732       0.0   16.
```

```
9732
       2F 59.95584     0.6 10.98589      0.0 10.98589 351.5964  738.3667  8.486599       0.0  8.48
6599
     G.L.    --        0.0    --       --       --    362.5823  955.9161    ---       ---       --
-
-------------------------------------------------------------------------------------------------
----

================================================
 COMMENTS ABOUT TORSION
================================================

-------------------------------------------------------------------------------------------------
----
If torsional amplification effects are considered :
-------------------------------------------------------------------------------------------------
----
Accidental Torsion , Story Force * Accidental Eccentricity * Amp. Factor for Accidental Eccentricit
y
Inherent Torsion   , Story Force * Inherent Eccentricity * Amp. Factor for Inherent Eccentricity

-------------------------------------------------------------------------------------------------
----
If torsional amplification effects are not considered :
-------------------------------------------------------------------------------------------------
----
Accidental Torsion , Story Force * Accidental Eccentricity
Inherent Torsion   , 0

-------------------------------------------------------------------------------------------------
----
The inherent torsion above is the additional torsion due to torsional amplification effect.
The true inherent torsion is considered automatically in analysis stage when the seismic force is
applied to the structure.
-------------------------------------------------------------------------------------------------
----



 [ LOAD CASE : PP ]

 ** SELF WEIGHT DATA

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


*** LOAD COMBINATION DATA

 ** CONCRETE DESIGN
        NO       NAME       TYPE     ACTIVE  DESCRIPTION
   -------- ---------- ---------- ----------  -----------------------------------------------
          1      cLCB1        Add   STRENGTH  1.4D
          2      cLCB2        Add   STRENGTH  1.2D + 1.6LR + 0.5W
          3      cLCB3        Add   STRENGTH  1.2D + 1.6LR + 0.5WN
          4      cLCB4        Add   STRENGTH  1.2D + 1.6LR - 0.5W
          5      cLCB5        Add   STRENGTH  1.2D + 1.6LR - 0.5WN
          6      cLCB6        Add   STRENGTH  1.2D + 1.0W + 0.5LR
          7      cLCB7        Add   STRENGTH  1.2D + 1.0WN + 0.5LR
          8      cLCB8        Add   STRENGTH  1.2D - 1.0W + 0.5LR
          9      cLCB9        Add   STRENGTH  1.2D - 1.0WN + 0.5LR
         10     cLCB10        Add   STRENGTH  1.2D + 1.0(1.0FHEX+0.3FHEY)
         11     cLCB11        Add   STRENGTH  1.2D + 1.0(1.0FHEX-0.3FHEY)
         12     cLCB12        Add   STRENGTH  1.2D + 1.0(1.0FHEY+0.3FHEX)
         13     cLCB13        Add   STRENGTH  1.2D + 1.0(1.0FHEY-0.3FHEX)
```

PROJECT TITLE :

	Company		Client	
MIDAS	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

14	cLCB14	Add	STRENGTH	1.2D - 1.0(1.0FHEX+0.3FHEY)
15	cLCB15	Add	STRENGTH	1.2D - 1.0(1.0FHEX-0.3FHEY)
16	cLCB16	Add	STRENGTH	1.2D - 1.0(1.0FHEY+0.3FHEX)
17	cLCB17	Add	STRENGTH	1.2D - 1.0(1.0FHEY-0.3FHEX)
18	cLCB18	Add	STRENGTH	0.9D + 1.0W
19	cLCB19	Add	STRENGTH	0.9D + 1.0WN
20	cLCB20	Add	STRENGTH	0.9D - 1.0W
21	cLCB21	Add	STRENGTH	0.9D - 1.0WN
22	cLCB22	Add	STRENGTH	0.9D + 1.0(1.0FHEX+0.3FHEY)
23	cLCB23	Add	STRENGTH	0.9D + 1.0(1.0FHEX-0.3FHEY)
24	cLCB24	Add	STRENGTH	0.9D + 1.0(1.0FHEY+0.3FHEX)
25	cLCB25	Add	STRENGTH	0.9D + 1.0(1.0FHEY-0.3FHEX)
26	cLCB26	Add	STRENGTH	0.9D - 1.0(1.0FHEX+0.3FHEY)
27	cLCB27	Add	STRENGTH	0.9D - 1.0(1.0FHEX-0.3FHEY)
28	cLCB28	Add	STRENGTH	0.9D - 1.0(1.0FHEY+0.3FHEX)
29	cLCB29	Add	STRENGTH	0.9D - 1.0(1.0FHEY-0.3FHEX)
30	cLCB30	Add	SERVICE	SERV :(D)
31	cLCB31	Add	SERVICE	SERV :(D) + LR
32	cLCB32	Add	SERVICE	SERV :(D) + 1.0W
33	cLCB33	Add	SERVICE	SERV :(D) + 1.0WN
34	cLCB34	Add	SERVICE	SERV :(D) - 1.0W
35	cLCB35	Add	SERVICE	SERV :(D) - 1.0WN
36	cLCB36	Add	SERVICE	SERV :(D) + 0.7(1.0FHEX+0.3FHEY)
37	cLCB37	Add	SERVICE	SERV :(D) + 0.7(1.0FHEX-0.3FHEY)
38	cLCB38	Add	SERVICE	SERV :(D) + 0.7(1.0FHEY+0.3FHEX)
39	cLCB39	Add	SERVICE	SERV :(D) + 0.7(1.0FHEY-0.3FHEX)
40	cLCB40	Add	SERVICE	SERV :(D) - 0.7(1.0FHEX+0.3FHEY)
41	cLCB41	Add	SERVICE	SERV :(D) - 0.7(1.0FHEX-0.3FHEY)
42	cLCB42	Add	SERVICE	SERV :(D) - 0.7(1.0FHEY+0.3FHEX)
43	cLCB43	Add	SERVICE	SERV :(D) - 0.7(1.0FHEY-0.3FHEX)
44	cLCB44	Add	SERVICE	SERV :(D) + 0.75(1.0)W + 0.75LR
45	cLCB45	Add	SERVICE	SERV :(D) + 0.75(1.0)WN + 0.75LR
46	cLCB46	Add	SERVICE	SERV :(D) - 0.75(1.0)W + 0.75LR
47	cLCB47	Add	SERVICE	SERV :(D) - 0.75(1.0)WN + 0.75LR
48	cLCB48	Add	SERVICE	SERV :(D) + 0.75(0.7)(1.0FHEX+0.3FHEY)
49	cLCB49	Add	SERVICE	SERV :(D) + 0.75(0.7)(1.0FHEX-0.3FHEY)
50	cLCB50	Add	SERVICE	SERV :(D) + 0.75(0.7)(1.0FHEY+0.3FHEX)
51	cLCB51	Add	SERVICE	SERV :(D) + 0.75(0.7)(1.0FHEY-0.3FHEX)
52	cLCB52	Add	SERVICE	SERV :(D) - 0.75(0.7)(1.0FHEX+0.3FHEY)
53	cLCB53	Add	SERVICE	SERV :(D) - 0.75(0.7)(1.0FHEX-0.3FHEY)
54	cLCB54	Add	SERVICE	SERV :(D) - 0.75(0.7)(1.0FHEY+0.3FHEX)
55	cLCB55	Add	SERVICE	SERV :(D) - 0.75(0.7)(1.0FHEY-0.3FHEX)
56	cLCB56	Add	SERVICE	SERV :0.6D + 1.0W
57	cLCB57	Add	SERVICE	SERV :0.6D + 1.0WN
58	cLCB58	Add	SERVICE	SERV :0.6D - 1.0W
59	cLCB59	Add	SERVICE	SERV :0.6D - 1.0WN
60	cLCB60	Add	SERVICE	SERV :0.6D + 0.7(1.0FHEX+0.3FHEY)
61	cLCB61	Add	SERVICE	SERV :0.6D + 0.7(1.0FHEX-0.3FHEY)
62	cLCB62	Add	SERVICE	SERV :0.6D + 0.7(1.0FHEY+0.3FHEX)
63	cLCB63	Add	SERVICE	SERV :0.6D + 0.7(1.0FHEY-0.3FHEX)
64	cLCB64	Add	SERVICE	SERV :0.6D - 0.7(1.0FHEX+0.3FHEY)
65	cLCB65	Add	SERVICE	SERV :0.6D - 0.7(1.0FHEX-0.3FHEY)
66	cLCB66	Add	SERVICE	SERV :0.6D - 0.7(1.0FHEY+0.3FHEX)
67	cLCB67	Add	SERVICE	SERV :0.6D - 0.7(1.0FHEY-0.3FHEX)
68	ENVCIM	Envelope	STRENGTH	
69	cLCB68	Add	VERTICAL	1.4D
70	cLCB69	Add	VERTICAL	1.2D + 1.6LR + 0.5W
71	cLCB70	Add	VERTICAL	1.2D + 1.6LR + 0.5WN
72	cLCB71	Add	VERTICAL	1.2D + 1.6LR - 0.5W
73	cLCB72	Add	VERTICAL	1.2D + 1.6LR - 0.5WN
74	cLCB73	Add	VERTICAL	1.2D + 1.0W + 0.5LR
75	cLCB74	Add	VERTICAL	1.2D + 1.0WN + 0.5LR
76	cLCB75	Add	VERTICAL	1.2D - 1.0W + 0.5LR
77	cLCB76	Add	VERTICAL	1.2D - 1.0WN + 0.5LR

PROJECT TITLE :

MIDAS	Company		Client	
	Author	JCCC	File Name	SE V02 2024 11 14 MODULO A.mdl

78	cLCB77	Add	VERTICAL	1.2D + 1.0FHEX
79	cLCB78	Add	VERTICAL	1.2D + 1.0FHEY
80	cLCB79	Add	VERTICAL	1.2D - 1.0FHEX
81	cLCB80	Add	VERTICAL	1.2D - 1.0FHEY
82	cLCB81	Add	VERTICAL	0.9D + 1.0W
83	cLCB82	Add	VERTICAL	0.9D + 1.0WN
84	cLCB83	Add	VERTICAL	0.9D - 1.0W
85	cLCB84	Add	VERTICAL	0.9D - 1.0WN
86	cLCB85	Add	VERTICAL	0.9D + 1.0FHEX
87	cLCB86	Add	VERTICAL	0.9D + 1.0FHEY
88	cLCB87	Add	VERTICAL	0.9D - 1.0FHEX
89	cLCB88	Add	VERTICAL	0.9D - 1.0FHEY