

2. 구조해석 출력자료 (OUTPUT)

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

<< LOAD COMBI/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
슬래브~1	슬래브 하중	Static	
방호벽~1	방호벽 하중	Static	
단위모~1	단위모멘트	Static	

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE ANAL.TYPE	DESCRIPTION	STATIC LOAD CASE DETAIL TYPE
활하중	Moving	
지점침하	Settle	
자중	Static	Dead Load (D)
슬래브~1	Static	Dead Load (D)
방호벽~1	Static	Dead Load (D)
포장하중	Static	Dead Load (D)
단위모~1	Static	User Defined Load (USER)

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
합성전	Gen.Comb	1.000 x 자중 + 1.000 x 슬래브~1
합성후	Gen.Comb	1.000 x 방호벽~1 + 1.000 x 포장하중

BEAM ELEMENT FORCES & MOMENTS MIN/MAX SUMMARY BY PROPERTY PRINTOUT Unit System : kN , m

* LENGTH : the length of between two nodes

[SECTION NAME : G1,3-1 , SECTION ID : 1]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
244	AXL	합성전	1	J	0.2	-28.2	1290.5	-17.1	-12676.2	-0.0	1.00
17	SHY	합성전	1	I	-0.1	31.2	1295.0	-19.6	-11715.1	39.9	1.00
78	SHZ	합성전	1	J	0.1	31.1	1347.3	19.6	-13037.1	36.2	1.00
122	TOR	활하중	1	J	0.0	0.0	607.5	875.7	2017.4	0.0	1.00
122	MTY	활하중	1	J	0.0	0.0	607.5	875.7	2017.4	0.0	1.00
17	MTZ	슬래브~1	1	I	-0.1	31.2	964.2	-15.0	-8790.7	39.9	1.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
183	AXL	합성전	1	J	-0.2	-28.2	1290.5	17.1	-12676.2	-0.0	1.00
139	SHY	합성전	1	I	-0.1	-31.2	1295.0	19.6	-11715.1	-39.9	1.00
201	SHZ	합성전	1	I	0.1	-30.5	-1297.0	15.0	-13037.1	-36.1	1.00
244	TOR	활하중	1	J	0.0	0.0	-165.7	-875.7	-5540.8	0.0	1.00
79	MTY	합성전	1	I	0.1	30.5	-1297.0	-15.0	-13037.1	36.1	1.00
139	MTZ	슬래브	1	I	-0.1	-31.2	964.2	15.0	-8790.7	-39.9	1.00

[SECTION NAME : G1,3-7 , SECTION ID : 17]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
189	AXL	합성전	1	J	0.1	-27.1	50.3	17.8	4660.2	-110.7	5.00
6	SHY	합성전	1	I	-0.1	27.5	-197.1	17.9	4291.9	113.1	5.00
128	SHZ	활하중	1	J	0.0	0.0	255.8	683.1	3222.1	0.0	5.00
127	TOR	활하중	1	J	0.0	0.0	201.1	729.5	2754.4	0.0	1.05
189	MTY	합성전	1	J	0.1	-27.1	50.3	17.8	4660.2	-110.7	5.00
6	MTZ	슬래브~1	1	J	-0.1	27.5	40.1	13.7	3488.0	116.5	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
6	AXL	합성 전	1	J	-0.1	27.5	50.2	17.9	4659.0	116.5	5.00
128	SHY	합성 전	1	I	-0.1	-27.5	-197.1	-17.9	4291.9	-113.1	5.00
67	SHZ	활하중	1	I	0.0	0.0	-310.8	-556.0	-863.2	0.0	5.00
5	TOR	활하중	1	J	0.0	0.0	-291.1	-729.5	-863.2	0.0	1.05
67	MTY	활하중	1	J	0.0	0.0	-213.6	-325.6	-1301.2	0.0	5.00
128	MTZ	슬래브~1	1	J	-0.1	-27.5	40.1	-13.7	3488.0	-116.5	5.00

[SECTION NAME : G1,3-9 , SECTION ID : 21]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
187	AXL	합성전	1	J	0.0	-21.5	-264.7	38.8	4042.8	-98.8	0.40
4	SHY		1	I	-0.0	21.8	-284.2	38.8	3931.3	104.0	0.40
126	SHZ	활하중	1	J	0.0	0.0	182.3	669.4	2588.6	0.0	0.40
65	TOR		1	J	0.0	0.0	182.3	669.4	2588.6	0.0	0.40
65	MTY	합성전	1	J	0.0	21.5	-264.7	-38.8	4042.8	98.8	0.40
4	MTZ		슬래브~1	1	J	-0.0	21.8	-194.7	29.7	3036.0	106.5

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
4	AXL	합성전	1	J	-0.0	21.8	-264.8	38.8	4041.1	106.5	0.40
126	SHY	합성전	1	I	-0.0	-21.8	-284.2	-38.8	3931.3	-104.0	0.40
4	SHZ	활하중	1	I	0.0	0.0	-318.1	-651.5	-744.3	0.0	0.40
187	TOR	활하중	1	J	0.0	0.0	-310.5	-669.4	-777.1	0.0	0.40
65	MTY	활하중	1	J	0.0	0.0	-310.5	-396.4	-777.1	0.0	0.40
126	MTZ	슬래브~1	1	J	-0.0	-21.8	-194.7	-29.7	3036.0	-106.5	0.40

[SECTION NAME : G1,3-10 , SECTION ID : 22]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
186	AXL	합성전	1	J	0.0	-21.5	-284.2	38.8	3933.0	-96.2	3.55
3	SHY	합성전	1	I	-0.0	21.8	-453.9	38.8	2621.0	81.6	3.55
62	SHZ	활하중	1	J	0.0	0.0	223.7	480.9	0.0	0.0	0.35
124	TOR	활하중	1	J	0.0	0.0	162.5	750.4	1653.8	0.0	4.60
186	MTY	합성전	1	J	0.0	-21.5	-284.2	38.8	3933.0	-96.2	3.55
3	MTZ	슬래브~1	1	J	-0.0	21.8	-209.7	29.7	2955.2	104.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
3	AXL	합성 전	1	J	-0.0	21.8	-284.2	38.8	3931.3	104.0	3.55
125	SHY	합성 전	1	I	-0.0	-21.8	-453.9	-38.8	2621.0	-81.6	3.55
124	SHZ	합성 전	1	I	-0.0	-12.5	-680.4	-29.9	-2.9	-9.8	4.60
2	TOR	활하중	1	J	0.0	0.0	-359.5	-750.4	-460.5	0.0	4.60
64	MTY	활하중	1	J	0.0	0.0	-318.1	-406.2	-744.3	0.0	3.55
125	MTZ	슬래브~1	1	J	-0.0	-21.8	-209.7	-29.7	2955.2	-104.0	3.55

[SECTION NAME : G1,3(1-2) , SECTION ID : 24]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
102	AXL	합성 전	1	I	0.1	28.2	-1225.8	-17.2	-11119.2	-1.2	4.00
19	SHY	합성 전	1	I	-0.1	30.6	-1244.7	15.0	-11765.4	34.4	4.00
163	SHZ	활하중	1	J	0.0	0.0	204.6	828.5	1725.3	0.0	4.00
41	TOR	활하중	1	I	0.0	0.0	174.9	838.6	1867.6	0.0	4.00
163	MTY	활하중	1	I	0.0	0.0	174.9	690.6	1867.6	0.0	4.00
19	MTZ	슬래브 1	1	I	-0.1	30.6	-927.0	11.4	-8828.0	34.4	4.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
41	AXL	합성전	1	I	-0.1	28.1	-1225.8	17.2	-11119.5	-1.2	4.00
141	SHY	합성전	1	I	-0.1	-30.6	-1244.7	-15.0	-11765.4	-34.4	4.00
202	SHZ	합성전	1	I	0.1	-30.5	-1244.8	15.0	-11766.2	-33.8	4.00
102	TOR	활하중	1	I	0.0	0.0	-588.9	-838.6	-4978.7	0.0	4.00
80	MTY	합성전	1	I	0.1	30.5	-1244.8	-15.0	-11766.2	33.8	4.00
141	MTZ	슬래브~1	1	I	-0.1	-30.6	-927.0	-11.4	-8828.0	-34.4	4.00

[SECTION NAME : G1,3(2-3) , SECTION ID : 25]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
103	AXL	합성전	1	I	0.1	28.0	-1018.9	-48.3	-6631.8	-1.3	1.05
20	SHY	합성전	1	J	-0.1	29.9	-984.3	47.2	-6140.4	22.8	1.05
225	SHZ	활하중	1	J	0.0	0.0	161.3	802.6	1730.6	0.0	1.05
42	TOR	활하중	1	I	0.0	0.0	154.1	836.8	1725.3	0.0	1.05
164	MTY	활하중	1	J	0.0	0.0	161.3	577.2	1730.6	0.0	1.05
20	MTZ	슬래브~1	1	I	-0.1	29.9	-781.6	35.8	-5420.0	24.7	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
42	AXL	합성전	1	I	-0.1	28.0	-1018.9	48.3	-6632.0	-1.3	1.05
142	SHY	합성전	1	J	-0.1	-29.9	-984.3	-47.2	-6140.4	-22.8	1.05
203	SHZ	합성전	1	I	0.1	-29.8	-1038.1	47.2	-7202.9	-24.3	1.05
103	TOR	활하중	1	I	0.0	0.0	-546.5	-836.8	-3663.1	0.0	1.05
81	MTY	합성전	1	I	0.1	29.8	-1038.1	-47.2	-7202.9	24.3	1.05
142	MTZ	슬래브~1	1	I	-0.1	-29.9	-781.6	-35.8	-5420.0	-24.7	1.05

[SECTION NAME : G1,3(4-5) , SECTION ID : 26]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
104	AXL	합성 전	1	I	0.1	28.0	-965.1	-48.3	-5590.3	-1.2	0.40
21	SHY	합성 전	1	I	-0.1	29.9	-984.3	47.2	-6140.4	22.8	0.40
165	SHZ	활 하중	1	J	0.0	0.0	164.2	590.3	1734.7	0.0	0.40
226	TOR	활 하중	1	I	0.0	0.0	161.3	802.6	1730.6	0.0	0.40
165	MTY	활 하중	1	J	0.0	0.0	164.2	590.3	1734.7	0.0	0.40
21	MTZ	슬래브~1	1	I	-0.1	29.9	-742.2	35.8	-4620.0	22.8	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
43	AXL	합성전	1		-0.1	28.0	-965.1	48.3	-5590.5	-1.2	0.40
143	SHY	합성전	1		-0.1	-29.9	-984.3	-47.2	-6140.4	-22.8	0.40
204	SHZ	합성전	1		0.1	-29.8	-984.3	47.2	-6141.1	-22.5	0.40
104	TOR	활하중	1		0.0	0.0	-529.5	-802.6	-3358.7	0.0	0.40
82	MTY	합성전	1		0.1	29.8	-984.3	-47.2	-6141.1	22.5	0.40
143	MTZ	슬래브~1	1		-0.1	-29.9	-742.2	-35.8	-4620.0	-22.8	0.40

[SECTION NAME : G1,3(6-7) , SECTION ID : 27]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
105	AXL	합성 전	1	I	0.1	28.0	-945.0	-48.3	-5208.2	-1.2	3.55
22	SHY	합성 전	1	J	-0.1	29.9	-790.2	47.2	-2637.2	15.9	3.55
105	SHZ	활하중	1	J	0.0	0.0	199.7	725.1	1871.3	0.0	3.55
227	TOR	활하중	1	I	0.0	0.0	164.2	791.3	1734.7	0.0	3.55
227	MTY	활하중	1	J	0.0	0.0	199.7	695.4	1871.3	0.0	3.55
22	MTZ	슬래브~1	1	I	-0.1	29.9	-727.2	35.8	-4326.2	22.1	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
44	AXL	합성전	1	I	-0.1	28.0	-945.0	48.3	-5208.5	-1.2	3.55
144	SHY		1	J	-0.1	-29.9	-790.2	-47.2	-2637.2	-15.9	3.55
205	SHZ		1	I	0.1	-29.8	-964.3	47.2	-5751.4	-21.8	3.55
105	TOR	활하중	1	I	0.0	0.0	-523.0	-791.3	-3250.2	0.0	3.55
83	MTY		1	I	0.1	29.8	-964.3	-47.2	-5751.4	21.8	3.55
144	MTZ		1	I	-0.1	-29.9	-727.2	-35.8	-4326.2	-22.1	3.55

[SECTION NAME : G1,3(8-9) , SECTION ID : 28]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
106	AXL	합성전	1	I	0.1	28.0	-762.4	-53.1	-2163.0	-0.9	2.50
23	SHY	합성전	1	I	-0.1	29.3	-781.8	52.6	-2637.2	15.9	2.50
228	SHZ	활하중	1	J	0.0	0.0	184.3	657.4	2093.4	0.0	2.50
228	TOR	활하중	1	I	0.0	0.0	158.9	738.7	1871.3	0.0	2.50
228	MTY	활하중	1	J	0.0	0.0	184.3	657.4	2093.4	0.0	2.50
23	MTZ	슬래브~1	1	I	-0.1	29.3	-591.8	39.9	-1980.9	15.9	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
45	AXL	합성전	1		-0.1	28.0	-762.4	53.1	-2163.2	-0.9	2.50
145	SHY	합성전	1		-0.1	-29.3	-781.8	-52.6	-2637.2	-15.9	2.50
206	SHZ	합성전	1		0.1	-29.3	-781.8	52.6	-2637.8	-15.7	2.50
106	TOR	활하중	1		0.0	0.0	-477.8	-738.7	-2468.6	0.0	2.50
84	MTY	합성전	1		0.1	29.3	-781.8	-52.6	-2637.8	15.7	2.50
145	MTZ	슬래브~1	1		-0.1	-29.3	-591.8	-39.9	-1980.9	-15.9	2.50

[SECTION NAME : G1,3(10-11) , SECTION ID : 29]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
107	AXL	합성 전	1	J	0.1	28.0	-520.9	-53.1	1043.9	-0.1	2.50
24	SHY	합성 전	1	I	-0.1	29.3	-660.6	52.6	-834.4	12.9	2.50
229	SHZ	활 하중	1	J	0.0	0.0	214.4	588.3	2439.8	0.0	2.50
229	TOR	활 하중	1	I	0.0	0.0	184.3	657.4	2093.4	0.0	2.50
107	MTY	활 하중	1	J	0.0	0.0	214.4	647.3	2439.8	0.0	2.50
24	MTZ	슬래브~1	1	I	-0.1	29.3	-498.1	39.9	-618.5	12.9	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
168	AXL	합성전	1	J	-0.1	-28.0	-520.9	-53.1	1043.7	0.2	2.50
146	SHY	합성전	1	I	-0.1	-29.3	-660.6	-52.6	-834.4	-12.9	2.50
207	SHZ	합성전	1	I	0.1	-29.3	-660.6	52.6	-834.9	-12.8	2.50
107	TOR	활하중	1	I	0.0	0.0	-438.3	-657.4	-2066.7	0.0	2.50
107	MTY	활하중	1	I	0.0	0.0	-438.3	-657.4	-2066.7	0.0	2.50
146	MTZ	슬래브~1	1	I	-0.1	-29.3	-498.1	-39.9	-618.5	-12.9	2.50

[SECTION NAME : G1,3(11-12) , SECTION ID : 30]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
108	AXL	합성전	1	J	0.1	28.1	-337.8	-39.7	2544.0	0.1	3.55
25	SHY	합성전	1	I	-0.1	29.0	-527.0	39.6	666.6	9.9	3.55
108	SHZ	활하중	1	J	0.0	0.0	218.5	525.9	2973.2	0.0	3.55
47	TOR	활하중	1	I	0.0	0.0	176.0	646.1	2439.8	0.0	3.55
108	MTY	활하중	1	J	0.0	0.0	218.5	525.9	2973.2	0.0	3.55
25	MTZ	슬래브-1	1	I	-0.1	29.0	-398.4	30.1	509.5	9.9	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
47	AXL	합성전	1	J	-0.1	28.1	-337.8	39.7	2543.8	0.1	3.55
147	SHY	합성전	1	I	-0.1	-29.0	-527.0	-39.6	666.6	-9.9	3.55
208	SHZ	합성전	1	I	0.1	-29.0	-527.0	39.6	666.1	-9.9	3.55
169	TOR	활하중	1	I	0.0	0.0	-403.1	-646.1	-1898.3	0.0	3.55
47	MTY	활하중	1	I	0.0	0.0	-403.1	-344.3	-1898.3	0.0	3.55
147	MTZ	슬래브~1	1	I	-0.1	-29.0	-398.4	-30.1	509.5	-9.9	3.55

[SECTION NAME : G1,3(13-14) , SECTION ID : 31]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
109	AXL	합성전	1	J	0.1	28.1	-318.4	-39.7	2675.2	0.1	0.40
26	SHY	합성전	1	I	-0.1	29.0	-357.2	39.6	2235.7	6.8	0.40
170	SHZ	활하중	1	J	0.0	0.0	223.8	548.1	3020.5	0.0	0.40
148	TOR	활하중	1	J	0.0	0.0	207.8	548.7	2699.4	0.0	0.40
170	MTY	활하중	1	J	0.0	0.0	223.8	548.1	3020.5	0.0	0.40
87	MTZ	슬래브	1	I	0.1	29.0	-265.3	-30.1	1687.1	6.9	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
48	AXL	합성전	1	J	-0.1	28.1	-318.4	39.7	2675.1	0.1	0.40
148	SHY	합성전	1	I	-0.1	-29.0	-357.2	-39.6	2235.7	-6.8	0.40
209	SHZ	합성전	1	I	0.1	-29.0	-357.3	39.6	2235.3	-6.9	0.40
209	TOR	활하중	1	J	0.0	0.0	-333.6	-548.7	-1620.7	0.0	0.40
48	MTY	활하중	1	I	0.0	0.0	-348.4	-525.9	-1877.2	0.0	0.40
209	MTZ	슬래브~1	1	I	0.1	-29.0	-265.3	30.1	1687.1	-6.9	0.40

[SECTION NAME : 1.G2-1 , SECTION ID : 37]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
305	AXL	합성전	1	J	0.3	0.0	1517.1	0.0	-14515.4	0.0	1.00
305	SHY	활하중	1	J	0.0	0.0	-114.5	-1160.7	-8282.5	0.0	1.00
366	SHZ	합성전	1	J	-0.1	0.0	1578.2	0.0	-14913.3	0.0	1.00
349	TOR	활하중	1	J	0.0	0.0	1075.7	1160.7	1972.2	0.0	1.00
305	MTY	활하중	1	J	0.0	0.0	1075.7	1160.7	1972.2	0.0	1.00
305	MTZ	슬래브~1	1	I	0.3	0.0	1089.7	0.0	-9787.5	0.0	1.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
349	AXL	합성전	1	J	-0.3	0.0	1517.1	0.0	-14515.4	0.0	1.00
305	SHY	활하중	1	J	0.0	0.0	-114.5	-1160.7	-8282.5	0.0	1.00
306	SHZ	합성전	1	I	-0.1	0.0	-1525.7	0.0	-14913.3	0.0	1.00
349	TOR	활하중	1	J	0.0	0.0	-114.5	-1160.7	-8282.5	0.0	1.00
306	MTY	합성전	1	I	-0.1	0.0	-1525.7	0.0	-14913.3	0.0	1.00
305	MTZ	슬래브~1	1	I	0.3	0.0	1089.7	0.0	-9787.5	0.0	1.00

[SECTION NAME : 17.G2-7 , SECTION ID : 53]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
250	AXL	합성전	1	J	0.0	0.0	74.3	0.0	5119.5	0.0	5.00
249	SHY	활하중	1	J	0.0	0.0	386.7	790.7	3767.5	0.0	1.05
250	SHZ	활하중	1	J	0.0	0.0	486.3	728.5	4109.4	0.0	5.00
249	TOR	활하중	1	J	0.0	0.0	386.7	790.7	3767.5	0.0	1.05
355	MTY	합성전	1	J	-0.0	0.0	74.4	0.0	5120.8	0.0	5.00
250	MTZ	슬래브~1	1	I	0.0	0.0	-170.3	0.0	3565.1	0.0	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
355	AXL	합성 전	1	J	-0.0	0.0	74.4	0.0	5120.8	0.0	5.00
249	SHY	활하중	1	J	0.0	0.0	386.7	790.7	3767.5	0.0	1.05
250	SHZ	활하중	1	I	0.0	0.0	-497.4	-731.7	-847.7	0.0	5.00
249	TOR	활하중	1	J	0.0	0.0	-388.8	-790.7	-847.7	0.0	1.05
355	MTY	활하중	1	J	0.0	0.0	-308.3	-728.5	-1290.2	0.0	5.00
250	MTZ	슬래브~1	1	I	0.0	0.0	-170.3	0.0	3565.1	0.0	5.00

[SECTION NAME : 21.G2-9 , SECTION ID : 57]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
248	AXL	합성전	1	J	0.0	0.0	-276.2	0.0	4497.8	0.0	0.40
353	SHY	활하중	1	I	0.0	0.0	-443.1	-779.7	-719.4	0.0	0.40
353	SHZ	활하중	1	J	0.0	0.0	328.7	778.5	3618.5	0.0	0.40
353	TOR	활하중	1	I	0.0	0.0	306.4	779.7	3553.2	0.0	0.40
353	MTY	합성전	1	J	-0.0	0.0	-276.1	0.0	4499.7	0.0	0.40
353	MTZ	슬래브~1	1	I	-0.0	0.0	-218.4	0.0	3299.5	0.0	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
353	AXL	합성전	1	J	-0.0	0.0	-276.1	0.0	4499.7	0.0	0.40
353	SHY	활하중	1	I	0.0	0.0	-443.1	-779.7	-719.4	0.0	0.40
248	SHZ	활하중	1	I	0.0	0.0	-443.1	-779.7	-719.4	0.0	0.40
353	TOR	활하중	1	I	0.0	0.0	-443.1	-779.7	-719.4	0.0	0.40
248	MTY	활하중	1	J	0.0	0.0	-427.7	-778.5	-754.8	0.0	0.40
353	MTZ	슬래브~1	1	I	-0.0	0.0	-218.4	0.0	3299.5	0.0	0.40

[SECTION NAME : 22.G2-10 , SECTION ID : 58]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
247	AXL	합성전	1	J	0.0	0.0	-299.4	0.0	4382.7	0.0	3.55
247	SHY	활하중	1	I	0.0	0.0	172.5	783.3	2633.9	0.0	3.55
245	SHZ	활하중	1	J	0.0	0.0	447.4	391.5	0.0	0.0	0.35
247	TOR	활하중	1	I	0.0	0.0	172.5	783.3	2633.9	0.0	3.55
352	MTY	합성전	1	J	-0.0	0.0	-299.3	0.0	4384.6	0.0	3.55
352	MTZ	슬래브~1	1	I	-0.0	0.0	-384.8	0.0	2228.8	0.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
352	AXL	합성 전	1	J	-0.0	0.0	-299.3	0.0	4384.6	0.0	3.55
247	SHY	활 하중	1	I	0.0	0.0	172.5	783.3	2633.9	0.0	3.55
246	SHZ	활 하중	1	I	0.0	0.0	-827.1	-601.9	-156.6	0.0	4.60
352	TOR	활 하중	1	I	0.0	0.0	-600.1	-783.3	-409.2	0.0	3.55
247	MTY	활 하중	1	J	0.0	0.0	-443.1	-779.7	-719.4	0.0	3.55
352	MTZ	슬래브~1	1	I	-0.0	0.0	-384.8	0.0	2228.8	0.0	3.55

[SECTION NAME : G2(1-2) , SECTION ID : 59]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
285	AXL	합성 전	1	I	0.3	0.0	-1442.2	0.0	-12721.4	0.0	4.00
329	SHY	활하중	1	I	0.0	0.0	117.6	1152.7	1790.7	0.0	4.00
285	SHZ	활하중	1	J	0.0	0.0	167.5	1149.6	1868.3	0.0	4.00
329	TOR	활하중	1	I	0.0	0.0	117.6	1152.7	1790.7	0.0	4.00
285	MTY	활하중	1	J	0.0	0.0	167.5	1149.6	1868.3	0.0	4.00
285	MTZ	슬래브-1	1	I	0.3	0.0	-1080.1	0.0	-9560.0	0.0	4.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
329	AXL	합성전	1	I	-0.2	0.0	-1442.2	0.0	-12721.1	0.0	4.00
329	SHY	활하중	1	I	0.0	0.0	117.6	1152.7	1790.7	0.0	4.00
307	SHZ	합성전	1	I	-0.1	0.0	-1464.0	0.0	-13418.5	0.0	4.00
329	TOR	활하중	1	I	0.0	0.0	-1036.6	-1152.7	-7347.1	0.0	4.00
307	MTY	합성전	1	I	-0.1	0.0	-1464.0	0.0	-13418.5	0.0	4.00
285	MTZ	슬래브	1	I	0.3	0.0	-1080.1	0.0	-9560.0	0.0	4.00

[SECTION NAME : G2(2-3) , SECTION ID : 60]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
286	AXL	합성 전	1	I	0.3	0.0	-1168.7	0.0	-7443.5	0.0	1.05
286	SHY	활하중	1	I	0.0	0.0	154.4	1025.9	1868.3	0.0	1.05
286	SHZ	활하중	1	J	0.0	0.0	169.3	1010.9	1927.7	0.0	1.05
286	TOR	활하중	1	I	0.0	0.0	154.4	1025.9	1868.3	0.0	1.05
286	MTY	활하중	1	J	0.0	0.0	169.3	1010.9	1927.7	0.0	1.05
286	MTZ	슬래브	1	I	0.3	0.0	-886.3	0.0	-5614.7	0.0	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
330	AXL	합성전	1	I	-0.3	0.0	-1168.7	0.0	-7443.2	0.0	1.05
286	SHY	활하중	1	I	0.0	0.0	154.4	1025.9	1868.3	0.0	1.05
308	SHZ	합성전	1	I	-0.1	0.0	-1190.3	0.0	-8053.2	0.0	1.05
330	TOR	활하중	1	I	0.0	0.0	-842.2	-1025.9	-4770.7	0.0	1.05
308	MTY	합성전	1	I	-0.1	0.0	-1190.3	0.0	-8053.2	0.0	1.05
286	MTZ	슬래브~1	1	I	0.3	0.0	-886.3	0.0	-5614.7	0.0	1.05

[SECTION NAME : G2(4-5) , SECTION ID : 61]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
287	AXL	합성 전	1	I	0.3	0.0	-1105.1	0.0	-6249.8	0.0	0.40
287	SHY	활하중	1	I	0.0	0.0	169.3	1010.9	1927.7	0.0	0.40
287	SHZ	활하중	1	J	0.0	0.0	175.3	1008.6	1953.2	0.0	0.40
287	TOR	활하중	1	I	0.0	0.0	169.3	1010.9	1927.7	0.0	0.40
287	MTY	활하중	1	J	0.0	0.0	175.3	1008.6	1953.2	0.0	0.40
287	MTZ	슬래브~1	1	I	0.3	0.0	-837.1	0.0	-4709.9	0.0	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
331	AXL	합성전	1	I	-0.3	0.0	-1105.1	0.0	-6249.5	0.0	0.40
287	SHY	활하중	1	I	0.0	0.0	169.3	1010.9	1927.7	0.0	0.40
309	SHZ	합성전	1	I	-0.1	0.0	-1126.7	0.0	-6836.8	0.0	0.40
331	TOR	활하중	1	I	0.0	0.0	-806.6	-1010.9	-4283.9	0.0	0.40
309	MTY	합성전	1	I	-0.1	0.0	-1126.7	0.0	-6836.8	0.0	0.40
287	MTZ	슬래브~1	1	I	0.3	0.0	-837.1	0.0	-4709.9	0.0	0.40

[SECTION NAME : G2(6-7) , SECTION ID : 62]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
288	AXL	합성전	1	I	0.3	0.0	-1081.2	0.0	-5812.5	0.0	3.55
288	SHY	활하중	1	I	0.0	0.0	175.3	1008.6	1953.2	0.0	3.55
332	SHZ	활하중	1	J	0.0	0.0	249.9	1001.7	2294.5	0.0	3.55
288	TOR	활하중	1	I	0.0	0.0	175.3	1008.6	1953.2	0.0	3.55
332	MTY	활하중	1	J	0.0	0.0	249.9	1001.7	2294.5	0.0	3.55
288	MTZ	슬래브	1	I	0.3	0.0	-818.3	0.0	-4378.8	0.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
332	AXL	합성전	1	I	-0.3	0.0	-1081.2	0.0	-5812.2	0.0	3.55
288	SHY	활하중	1	I	0.0	0.0	175.3	1008.6	1953.2	0.0	3.55
310	SHZ	합성전	1	I	-0.1	0.0	-1102.9	0.0	-6390.9	0.0	3.55
332	TOR	활하중	1	I	0.0	0.0	-793.2	-1008.6	-4110.1	0.0	3.55
310	MTY	합성전	1	I	-0.1	0.0	-1102.9	0.0	-6390.9	0.0	3.55
288	MTZ	슬래브~1	1	I	0.3	0.0	-818.3	0.0	-4378.8	0.0	3.55

[SECTION NAME : G2(8-9) , SECTION ID : 63]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
289	AXL	합성 전	1	I	0.3	0.0	-853.3	0.0	-2342.7	0.0	2.50
311	SHY	활하중	1	I	0.0	0.0	186.7	854.6	2238.0	0.0	2.50
333	SHZ	활하중	1	J	0.0	0.0	254.0	831.2	2737.9	0.0	2.50
311	TOR	활하중	1	I	0.0	0.0	186.7	854.6	2238.0	0.0	2.50
333	MTY	활하중	1	J	0.0	0.0	254.0	831.2	2737.9	0.0	2.50
289	MTZ	슬래브~1	1	I	0.3	0.0	-651.8	0.0	-1769.1	0.0	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
333	AXL	합성전	1	I	-0.3	0.0	-853.3	0.0	-2342.5	0.0	2.50
311	SHY	활하중	1	I	0.0	0.0	186.7	854.6	2238.0	0.0	2.50
311	SHZ	합성전	1	I	-0.2	0.0	-874.4	0.0	-2844.3	0.0	2.50
311	TOR	활하중	1	I	0.0	0.0	-667.4	-854.6	-2470.6	0.0	2.50
311	MTY	합성전	1	I	-0.2	0.0	-874.4	0.0	-2844.3	0.0	2.50
289	MTZ	슬래브~1	1	I	0.3	0.0	-651.8	0.0	-1769.1	0.0	2.50

[SECTION NAME : G2(10-11) , SECTION ID : 64]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
290	AXL	합성전	1	J	0.3	0.0	-564.9	0.0	1201.4	0.0	2.50
268	SHY	활하중	1	J	0.0	0.0	346.2	833.6	3012.9	0.0	2.50
290	SHZ	활하중	1	J	0.0	0.0	347.2	832.6	3050.2	0.0	2.50
268	TOR	활하중	1	J	0.0	0.0	346.2	833.6	3012.9	0.0	2.50
290	MTY	활하중	1	J	0.0	0.0	347.2	832.6	3050.2	0.0	2.50
290	MTZ	슬래브~1	1	I	0.3	0.0	-534.7	0.0	-286.0	0.0	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
334	AXL	합성 전	1	J	-0.3	0.0	-564.9	0.0	1201.6	0.0	2.50
268	SHY	활하중	1	J	0.0	0.0	346.2	833.6	3012.9	0.0	2.50
312	SHZ	합성 전	1	I	-0.2	0.0	-729.8	0.0	-839.4	0.0	2.50
268	TOR	활하중	1	J	0.0	0.0	-525.0	-833.6	-1648.8	0.0	2.50
334	MTY	활하중	1	I	0.0	0.0	-595.7	-831.2	-2250.2	0.0	2.50
290	MTZ	슬래브~1	1	I	0.3	0.0	-534.7	0.0	-286.0	0.0	2.50

[SECTION NAME : G2(11-12) , SECTION ID : 65]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
291	AXL	합성 전	1	J	0.3	0.0	-358.8	0.0	2835.2	0.0	3.55
269	SHY	활하중	1	I	0.0	0.0	225.4	763.5	3012.9	0.0	3.55
291	SHZ	활하중	1	J	0.0	0.0	351.4	745.4	3612.7	0.0	3.55
269	TOR	활하중	1	I	0.0	0.0	225.4	763.5	3012.9	0.0	3.55
335	MTY	활하중	1	J	0.0	0.0	351.4	745.4	3612.7	0.0	3.55
291	MTZ	슬래브~1	1	I	0.3	0.0	-430.7	0.0	904.2	0.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
335	AXL	합성 전	1	J	-0.3	0.0	-358.8	0.0	2835.4	0.0	3.55
269	SHY	활하중	1	I	0.0	0.0	225.4	763.5	3012.9	0.0	3.55
313	SHZ	합성 전	1	I	-0.2	0.0	-582.5	0.0	805.2	0.0	3.55
269	TOR	활하중	1	I	0.0	0.0	-566.2	-763.5	-1648.8	0.0	3.55
335	MTY	활하중	1	I	0.0	0.0	-564.5	-763.4	-1981.6	0.0	3.55
291	MTZ	슬래브~1	1	I	0.3	0.0	-430.7	0.0	904.2	0.0	3.55

[SECTION NAME : G2(13-14) , SECTION ID : 66]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
292	AXL	합성 전	1	J	0.3	0.0	-335.7	0.0	2974.1	0.0	0.40
270	SHY	활하중	1	I	0.0	0.0	350.1	745.6	3422.7	0.0	0.40
336	SHZ	활하중	1	J	0.0	0.0	366.8	745.4	3661.4	0.0	0.40
270	TOR	활하중	1	I	0.0	0.0	350.1	745.6	3422.7	0.0	0.40
336	MTY	활하중	1	J	0.0	0.0	366.8	745.4	3661.4	0.0	0.40
292	MTZ	슬래브	1	I	0.3	0.0	-264.3	0.0	2137.8	0.0	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
336	AXL	합성 전	1	J	-0.3	0.0	-335.7	0.0	2974.2	0.0	0.40
270	SHY	활하중	1	I	0.0	0.0	350.1	745.6	3422.7	0.0	0.40
336	SHZ	활하중	1	I	0.0	0.0	-453.8	-745.4	-1893.4	0.0	0.40
270	TOR	활하중	1	I	0.0	0.0	-446.2	-745.6	-1617.9	0.0	0.40
292	MTY	활하중	1	I	0.0	0.0	-453.8	-745.4	-1893.4	0.0	0.40
292	MTZ	슬래브~1	1	I	0.3	0.0	-264.3	0.0	2137.8	0.0	0.40

[SECTION NAME : 가로보 , SECTION ID : 71 , SECTION SHAPE : H]

[SECTION SIZE] H:1.2 B1:0.3 tw:0.009 tf1:0.012 B2:0.3 tf2:0.012

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
621	AXL	합성 전	1	J	9.3	-0.0	-1.0	0.0	23.4	0.0	3.75
619	SHY	합성 전	1	I	9.3	0.0	-5.5	-0.0	13.4	0.0	3.75
825	SHZ	활하중	1	I	0.0	0.0	87.4	0.0	345.3	0.0	3.75
835	TOR	활하중	1	I	0.0	0.0	76.8	0.0	337.6	0.0	3.75
628	MTY	활하중	1	J	0.0	0.0	68.8	0.0	360.0	0.0	3.75
619	MTZ	슬래브~1	1	I	9.3	0.0	-0.7	-0.0	7.4	0.0	3.75

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
836	AXL	합성 전	1	I	-9.2	0.0	1.0	0.0	23.4	0.0	3.75
622	SHY	합성 전	1	I	9.3	-0.0	2.4	0.0	22.4	-0.0	3.75
824	SHZ	활하중	1	I	0.0	0.0	-87.4	-0.0	-37.0	0.0	3.75
838	TOR	활하중	1	I	0.0	0.0	-76.8	-0.0	-60.6	0.0	3.75
728	MTY	활하중	1	J	0.0	0.0	-21.6	-0.0	-210.5	0.0	3.75
620	MTZ	슬래브~1	1	J	9.3	0.0	-4.0	-0.0	21.6	-0.0	3.75

[SECTION NAME : 가로보(교대) , SECTION ID : 72 , SECTION SHAPE : H]
 [SECTION SIZE] H:1 B1:0.3 tw:0.009 tf1:0.012 B2:0.3 tf2:0.012

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
614	AXL	합성전	1	J	12.5	-0.0	-0.6	0.0	29.9	0.0	3.75
611	SHY	합성전	1	I	12.5	0.0	0.6	-0.0	29.9	0.0	3.75
616	SHZ	활하중	1	I	0.0	0.0	95.3	0.0	138.1	0.0	3.75
615	TOR	활하중	1	I	0.0	0.0	93.6	0.0	351.0	0.0	3.75
614	MTY	활하중	1	J	0.0	0.0	36.6	0.0	351.0	0.0	3.75
611	MTZ	슬래브~1	1	I	12.5	0.0	2.9	-0.0	20.7	0.0	3.75

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
615	AXL	합성전	1	I	-12.3	0.0	0.6	0.0	29.9	0.0	3.75
614	SHY	합성전	1	I	12.5	-0.0	-3.3	0.0	25.5	-0.0	3.75
617	SHZ	활하중	1	I	0.0	0.0	-95.3	-0.0	-250.1	0.0	3.75
618	TOR	활하중	1	I	0.0	0.0	-93.6	-0.0	-30.5	0.0	3.75
612	MTY	활하중	1	J	0.0	0.0	-35.0	-0.0	-250.1	0.0	3.75
616	MTZ	슬래브~1	1	J	-12.3	0.0	8.3	0.0	-12.9	-0.0	3.75

[SECTION NAME : 세로보 , SECTION ID : 73 , SECTION SHAPE : H]
 [SECTION SIZE] H:0.8 B1:0.3 tw:0.009 tf1:0.012 B2:0.3 tf2:0.012

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
496	AXL	합성전	1	I	0.0	0.0	1.8	0.0	34.6	0.0	1.05
490	SHY	합성전	1	I	0.0	0.0	-9.2	-0.0	-0.1	0.0	4.60
487	SHZ	합성전	1	J	-0.0	-0.0	9.2	-0.0	-0.1	0.0	4.60
609	TOR	활하중	1	I	0.0	0.0	6.0	0.0	27.0	0.0	4.60
604	MTY	합성전	1	J	-0.0	0.0	0.5	-0.0	45.9	-0.0	5.00
490	MTZ	슬래브~1	1	I	0.0	0.0	-5.4	-0.0	-0.0	0.0	4.60

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
603	AXL	합성전 활하중 합성전 슬래브~1	1	J	-0.0	0.0	-1.8	-0.0	34.6	-0.0	1.05
368	SHY		1	I	0.0	-0.0	-9.2	0.0	-0.1	-0.0	4.60
490	SHZ		1	I	0.0	0.0	-9.2	-0.0	-0.1	0.0	4.60
490	TOR		1	I	0.0	0.0	-6.0	-0.0	-0.0	0.0	4.60
594	MTY		1	I	-0.0	0.0	-6.4	-0.0	-45.2	0.0	1.00
368	MTZ		1	I	0.0	-0.0	-5.4	0.0	-0.0	-0.0	4.60

[SECTION NAME : G1,3(14-13) , SECTION ID : 74]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
114	AXL	합성전	1	I	0.2	28.1	331.1	40.2	2607.2	-0.6	0.40
9	SHY	합성전	1	I	-0.1	31.6	386.8	-40.4	3315.5	101.2	0.40
70	SHZ	합성전	1	J	0.1	31.3	406.3	40.5	3157.5	96.0	0.40
9	TOR	활하중	1	I	0.0	0.0	295.4	549.3	3229.9	0.0	0.40
70	MTY	합성전	1	I	0.1	31.3	386.9	40.5	3316.2	97.3	0.40
9	MTZ	슬래브~1	1	I	-0.1	31.6	286.5	-30.7	2487.4	101.2	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
53	AXL	합성전	1	I	-0.2	28.1	331.1	-40.2	2607.1	-0.6	0.40
131	SHY	합성전	1	I	-0.1	-31.6	386.8	40.4	3315.5	-101.2	0.40
175	SHZ	활하중	1	I	0.0	0.0	-221.6	-548.7	-1965.2	0.0	0.40
131	TOR	활하중	1	I	0.0	0.0	-178.8	-549.3	-1823.4	0.0	0.40
175	MTY	활하중	1	J	0.0	0.0	-216.3	-526.6	-1973.1	0.0	0.40
131	MTZ	슬래브~1	1	I	-0.1	-31.6	286.5	30.7	2487.4	-101.2	0.40

[SECTION NAME : G1,3(17-16) , SECTION ID : 75]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
112	AXL	합성전	1	I	0.2	28.2	14.0	3616.7	-0.2	5.00
7	SHY	합성전	1	I	-0.1	30.4	69.1	4659.0	116.4	5.00
234	SHZ	활하중	1	J	0.0	0.0	332.5	343.9	0.0	5.00
129	TOR	활하중	1	J	0.0	0.0	300.2	654.3	0.0	5.00
190	MTY	합성전	1	I	0.1	-30.1	69.2	4660.2	-110.7	5.00
7	MTZ	슬래브~1	1	I	-0.1	30.4	50.3	3488.0	116.4	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
173	AXL	합성전	1	I	-0.2	-28.2	14.0	3616.6	0.2	5.00
129	SHY	합성전	1	I	-0.1	-30.4	69.1	4659.0	-116.4	5.00
173	SHZ	활하중	1	I	0.0	0.0	-272.9	-615.8	0.0	5.00
7	TOR	활하중	1	J	0.0	0.0	-150.8	-654.3	0.0	5.00
51	MTY	활하중	1	J	0.0	0.0	-205.3	-616.8	0.0	5.00
129	MTZ	슬래브~1	1	I	-0.1	-30.4	50.3	3488.0	-116.4	5.00

[SECTION NAME : G1,3(16-15) , SECTION ID : 76]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
113	AXL	합성전	1	I	0.2	28.1	278.9	40.2	2927.5	-0.6	1.05
8	SHY	합성전	1	I	-0.1	31.6	334.7	-40.4	3694.2	104.9	1.05
69	SHZ	합성전	1	J	0.1	31.3	386.9	40.5	3316.2	97.3	1.05
191	TOR	활하중	1	I	0.0	0.0	280.3	615.2	3282.4	0.0	1.05
69	MTY	합성전	1	I	0.1	31.3	334.7	40.5	3695.0	100.6	1.05
8	MTZ	슬래브~1	1	I	-0.1	31.6	247.2	-30.7	2767.6	104.9	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
174	AXL	합성전	1	I	-0.2	-28.1	278.9	40.2	2927.4	0.6	1.05
130	SHY	합성전	1	I	-0.1	-31.6	334.7	40.4	3694.2	-104.9	1.05
52	SHZ	활하중	1	I	0.0	0.0	-235.9	-456.9	-1944.6	0.0	1.05
69	TOR	활하중	1	I	0.0	0.0	-200.2	-615.2	-1736.8	0.0	1.05
174	MTY	활하중	1	J	0.0	0.0	-221.6	-548.7	-1965.2	0.0	1.05
130	MTZ	슬래브~1	1	I	-0.1	-31.6	247.2	30.7	2767.6	-104.9	1.05

[SECTION NAME : G1,3(19-18) , SECTION ID : 77]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
28	SHY	합성전	1	I	-0.1	28.8	-269.3	14.4	2702.3	5.6	5.00
172	SHZ	활하중	1	J	0.0	0.0	274.7	615.5	3382.1	0.0	5.00
111	TOR	활하중	1	J	0.0	0.0	274.7	615.5	3382.1	0.0	5.00
111	MTY	합성전	1	J	0.1	28.2	-4.1	-14.4	3616.7	-0.1	5.00
89	MTZ	슬래브~1	1	I	0.1	28.8	-202.3	-11.0	2032.3	5.6	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
172	AXL	합성 전	1	J	-0.1	-28.2	-4.1	-14.4	3616.6	0.1	5.00
150	SHY	합성 전	1	I	-0.1	-28.8	-269.3	-14.4	2702.3	-5.6	5.00
50	SHZ	활하중	1	I	0.0	0.0	-330.9	-341.8	-1869.6	0.0	5.00
233	TOR	활하중	1	J	0.0	0.0	-258.8	-615.5	-1822.4	0.0	5.00
233	MTY	활하중	1	I	0.0	0.0	-330.9	-341.8	-1869.6	0.0	5.00
211	MTZ	슬래브~1	1	I	0.1	-28.8	-202.3	11.0	2032.3	-5.6	5.00

[SECTION NAME : G1,3(12-11) , SECTION ID : 78]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
115	AXL	합성전	1	I	0.2	28.1	350.5	40.2	2470.9	-0.6	3.55
10	SHY	합성전	1	I	-0.1	31.6	406.2	-40.4	3156.8	99.9	3.55
71	SHZ	합성전	1	J	0.1	31.3	576.0	40.5	1414.3	84.6	3.55
71	TOR	활하중	1	J	0.0	0.0	362.7	690.9	2854.7	0.0	3.55
10	MTY	활하중	1	I	0.0	0.0	301.4	527.0	3204.7	0.0	3.55
10	MTZ	슬래브	1	I	-0.1	31.6	301.5	-30.7	2369.8	99.9	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
54	AXL	합성 전	1	I	-0.2	28.1	350.5	-40.2	2470.8	-0.6	3.55
132	SHY	합성 전	1	I	-0.1	-31.6	406.2	40.4	3156.8	-99.9	3.55
115	SHZ	활하중	1	I	0.0	0.0	-216.3	-526.6	-1973.1	0.0	3.55
10	TOR	활하중	1	J	0.0	0.0	-111.2	-690.9	-2156.4	0.0	3.55
71	MTY	활하중	1	J	0.0	0.0	-111.2	-343.5	-2156.4	0.0	3.55
132	MTZ	슬래브 1	1	I	-0.1	-31.6	301.5	30.7	2369.8	-99.9	3.55

[SECTION NAME : G1,3(11-10) , SECTION ID : 79]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
238	AXL	합성전	1	I	0.2	-28.0	533.4	-53.0	925.7	0.5	2.50
11	SHY	합성전	1	I	-0.1	31.8	589.6	-54.8	1413.9	87.6	2.50
72	SHZ	합성전	1	J	0.1	31.6	710.0	54.8	-210.1	75.9	2.50
194	TOR	활하중	1	I	0.0	0.0	359.9	662.5	2854.7	0.0	2.50
11	MTY	활하중	1	I	0.0	0.0	359.9	662.5	2854.7	0.0	2.50
11	MTZ	슬래브~1	1	I	-0.1	31.8	440.8	-41.6	1063.1	87.6	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
177	AXL	합성전	1	I	-0.2	-28.0	533.3	53.0	925.6	0.5	2.50
133	SHY	합성전	1	I	-0.1	-31.8	589.6	54.8	1413.9	-87.6	2.50
116	SHZ	활하중	1	I	0.0	0.0	-212.3	-647.1	-2045.4	0.0	2.50
72	TOR	활하중	1	I	0.0	0.0	-171.5	-662.5	-2156.4	0.0	2.50
72	MTY	활하중	1	J	0.0	0.0	-127.1	-519.5	-2368.5	0.0	2.50
133	MTZ	슬래브~1	1	I	-0.1	-31.8	440.8	41.6	1063.1	-87.6	2.50

[SECTION NAME : G1,3(9-8) , SECTION ID : 80]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
117	AXL	합성전	1	J	0.2	28.0	774.9	53.0	-2343.4	0.0	2.50
12	SHY	합성전	1	I	-0.1	31.8	709.9	-54.8	-210.3	78.4	2.50
73	SHZ	합성전	1	J	0.1	31.6	831.2	54.8	-2136.4	67.3	2.50
117	TOR	활하중	1	J	0.0	0.0	479.3	739.3	1977.1	0.0	2.50
12	MTY	활하중	1	I	0.0	0.0	398.0	519.5	2488.4	0.0	2.50
12	MTZ	슬래브~1	1	I	-0.1	31.8	534.6	-41.6	-156.2	78.4	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
178	AXL	합성 전	1	J	-0.2	-28.0	774.9	53.0	-2343.4	-0.0	2.50
134	SHY	합성 전	1	I	-0.1	-31.8	709.9	54.8	-210.3	-78.4	2.50
239	SHZ	활하중	1	I	0.0	0.0	-182.1	-658.0	-2228.2	0.0	2.50
239	TOR	활하중	1	J	0.0	0.0	-156.7	-739.3	-2633.9	0.0	2.50
73	MTY	활하중	1	J	0.0	0.0	-88.8	-399.2	-2636.6	0.0	2.50
134	MTZ	슬래브~1	1	I	-0.1	-31.8	534.6	41.6	-156.2	-78.4	2.50

[SECTION NAME : G1,3(7-6) , SECTION ID : 81]

** MAX

LELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
118	AXL	합성전	1	J	0.2	28.1	957.5	48.3	-5432.9	0.2	3.55
13	SHY	합성전	1	J	-0.1	31.6	1014.1	-50.9	-5427.1	57.1	3.55
74	SHZ	합성전	1	J	0.1	31.4	1014.2	50.9	-5427.4	55.6	3.55
118	TOR	활하중	1	J	0.0	0.0	524.6	792.7	1835.7	0.0	3.55
13	MTY	활하중	1	I	0.0	0.0	430.2	722.1	2067.4	0.0	3.55
13	MTZ	슬래브~1	1	I	-0.1	31.6	631.0	-38.7	-1609.9	69.3	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
179	AXL	합성전	1	J	-0.2	-28.1	957.5	48.3	-5432.9	-0.2	3.55
135	SHY	합성전	1	J	-0.1	-31.6	1014.1	50.9	-5427.1	-57.1	3.55
179	SHZ	활하중	1	I	0.0	0.0	-197.5	-727.0	-2633.9	0.0	3.55
57	TOR	활하중	1	J	0.0	0.0	-161.3	-792.7	-3420.3	0.0	3.55
179	MTY	합성전	1	J	-0.2	-28.1	957.5	48.3	-5432.9	-0.2	3.55
135	MTZ	슬래브~1	1	I	-0.1	-31.6	631.0	38.7	-1609.9	-69.3	3.55

[SECTION NAME : G1,3(5-4) , SECTION ID : 82]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
119	AXL	합성전	1	J	0.2	28.1	977.6	48.3	-5819.9	0.2	0.40
14	SHY	합성전	1	I	-0.1	31.6	1014.1	-50.9	-5427.1	57.1	0.40
75	SHZ	합성전	1	J	0.1	31.4	1034.3	50.9	-5837.1	54.3	0.40
119	TOR	활하중	1	J	0.0	0.0	531.0	804.1	1830.4	0.0	0.40
119	MTY	활하중	1	I	0.0	0.0	524.6	792.7	1835.7	0.0	0.40
14	MTZ	슬래브~1	1	I	-0.1	31.6	764.2	-38.7	-4086.4	57.1	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
180	AXL	합성전	1	J	-0.2	-28.1	977.6	48.3	-5820.0	-0.2	0.40
136	SHY	합성전	1	I	-0.1	-31.6	1014.1	50.9	-5427.1	-57.1	0.40
119	SHZ	활하중	1	I	0.0	0.0	-161.3	-592.2	-3420.3	0.0	0.40
58	TOR	활하중	1	J	0.0	0.0	-158.3	-804.1	-3529.3	0.0	0.40
75	MTY	합성전	1	J	0.1	31.4	1034.3	50.9	-5837.1	54.3	0.40
136	MTZ	슬래브~1	1	I	-0.1	-31.6	764.2	38.7	-4086.4	-57.1	0.40

[SECTION NAME : G1,3(3-2) , SECTION ID : 83]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
120	AXL	합성전	1	J	0.2	28.1	1031.4	48.3	-6874.6	0.3	1.05
15	SHY	합성전	1	J	-0.1	31.6	1088.0	-50.9	-6950.9	52.1	1.05
76	SHZ	합성전	1	J	0.1	31.4	1088.1	50.9	-6951.3	50.8	1.05
120	TOR	활하중	1	J	0.0	0.0	548.1	838.1	1822.2	0.0	1.05
59	MTY	활하중	1	I	0.0	0.0	531.0	579.1	1830.4	0.0	1.05
15	MTZ	슬래브~1	1	I	-0.1	31.6	779.2	-38.7	-4395.0	55.7	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
181	AXL	합성전	1	J	-0.2	-28.1	1031.3	48.3	-6874.6	-0.3	1.05
137	SHY	합성전	1	J	-0.1	-31.6	1088.0	50.9	-6950.9	-52.1	1.05
120	SHZ	활하중	1	I	0.0	0.0	-158.3	-579.1	-3529.3	0.0	1.05
59	TOR	활하중	1	J	0.0	0.0	-151.1	-838.1	-3835.1	0.0	1.05
76	MTY	합성전	1	J	0.1	31.4	1088.1	50.9	-6951.3	50.8	1.05
137	MTZ	슬래브~1	1	I	-0.1	-31.6	779.2	38.7	-4395.0	-55.7	1.05

[SECTION NAME : G1,3(2-1) , SECTION ID : 84]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
243	AXL	합성 전	1	J	0.2	-28.2	1238.2	-17.1	-11411.8	-0.1	4.00
16	SHY	합성 전	1	I	-0.1	31.2	1087.7	-19.6	-6950.9	52.1	4.00
77	SHZ	합성 전	1	J	0.1	31.1	1295.1	19.6	-11715.9	39.1	4.00
121	TOR	활하중	1	J	0.0	0.0	590.6	841.3	1952.2	0.0	4.00
121	MTY	활하중	1	J	0.0	0.0	590.6	841.3	1952.2	0.0	4.00
16	MTZ	슬래브 1	1	I	-0.1	31.2	814.2	-15.0	-5233.8	52.1	4.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
182	AXL	합성전	1	J	-0.2	-28.2	1238.2	17.1	-11411.8	-0.1	4.00
138	SHY	합성전	1	I	-0.1	-31.2	1087.7	19.6	-6950.9	-52.1	4.00
60	SHZ	활하중	1	I	0.0	0.0	-201.3	-729.1	-3835.1	0.0	4.00
243	TOR	활하중	1	J	0.0	0.0	-171.5	-841.3	-5157.9	0.0	4.00
77	MTY	합성전	1	J	0.1	31.1	1295.1	19.6	-11715.9	39.1	4.00
138	MTZ	슬래브~1	1	I	-0.1	-31.2	814.2	15.0	-5233.8	-52.1	4.00

[SECTION NAME : G1,3(20-19) , SECTION ID : 85]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
110	AXL	합성전	1	J	0.1	28.1	-266.7	-39.7	2982.4	0.2	1.05
27	SHY	합성전	1	I	-0.1	29.0	-337.9	39.6	2374.7	6.5	1.05
232	SHZ	활하중	1	J	0.0	0.0	238.1	454.8	3130.3	0.0	1.05
88	TOR	활하중	1	J	0.0	0.0	222.1	614.9	2832.7	0.0	1.05
110	MTY	활하중	1	J	0.0	0.0	238.1	614.3	3130.3	0.0	1.05
88	MTZ	슬래브~1	1	I	0.1	29.0	-250.3	-30.1	1790.2	6.5	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
49	AXL	합성전	1	J	-0.1	28.1	-266.7	39.7	2982.2	0.2	1.05
149	SHY	합성전	1	I	-0.1	-29.0	-337.9	-39.6	2374.7	-6.5	1.05
110	SHZ	활하중	1	I	0.0	0.0	-342.6	-482.4	-1875.1	0.0	1.05
210	TOR	활하중	1	J	0.0	0.0	-318.9	-614.9	-1633.5	0.0	1.05
49	MTY	활하중	1	I	0.0	0.0	-342.6	-548.1	-1875.1	0.0	1.05
210	MTZ	슬래브	1	I	0.1	-29.0	-250.3	30.1	1790.2	-6.5	1.05

[SECTION NAME : G2(2-1) , SECTION ID : 86]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
304	AXL	합성 전	1	J	0.3	0.0	1455.5	0.0	-13029.1	0.0	4.00
304	SHY	활 하중	1	J	0.0	0.0	-114.9	-1156.2	-7543.9	0.0	4.00
365	SHZ	합성 전	1	J	-0.1	0.0	1516.5	0.0	-13365.9	0.0	4.00
348	TOR	활 하중	1	J	0.0	0.0	1038.3	1156.2	1889.4	0.0	4.00
348	MTY	활 하중	1	I	0.0	0.0	899.5	1153.1	1976.4	0.0	4.00
304	MTZ	슬래브 ~1	1	I	0.3	0.0	902.2	0.0	-5803.7	0.0	4.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
348	AXL	합성전	1	J	-0.3	0.0	1455.5	0.0	-13029.1	0.0	4.00
304	SHY	활하중	1	J	0.0	0.0	-114.9	-1156.2	-7543.9	0.0	4.00
348	SHZ	활하중	1	I	0.0	0.0	-164.9	-1153.1	-4960.4	0.0	4.00
304	TOR	활하중	1	J	0.0	0.0	-114.9	-1156.2	-7543.9	0.0	4.00
365	MTY	합성전	1	J	-0.1	0.0	1516.5	0.0	-13365.9	0.0	4.00
304	MTZ	슬래브~1	1	I	0.3	0.0	902.2	0.0	-5803.7	0.0	4.00

[SECTION NAME : G2(3-2) , SECTION ID : 87]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
303	AXL	합성전	1	J	0.3	0.0	1182.1	0.0	-7697.9	0.0	1.05
347	SHY	활하중	1	J	0.0	0.0	-152.0	-1027.1	-4960.4	0.0	1.05
364	SHZ	합성전	1	J	-0.1	0.0	1243.1	0.0	-7790.5	0.0	1.05
347	TOR	활하중	1	J	0.0	0.0	844.0	1027.1	1976.4	0.0	1.05
303	MTY	활하중	1	I	0.0	0.0	808.4	1012.3	2039.3	0.0	1.05
303	MTZ	슬래브	1	I	0.3	0.0	846.7	0.0	-4888.8	0.0	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
347	AXL	합성전	1	J	-0.3	0.0	1182.1	0.0	-7697.9	0.0	1.05
347	SHY	활하중	1	J	0.0	0.0	-152.0	-1027.1	-4960.4	0.0	1.05
303	SHZ	합성전	1	I	0.0	0.0	-166.8	-1012.3	-4472.2	0.0	1.05
347	TOR	활하중	1	J	0.0	0.0	-152.0	-1027.1	-4960.4	0.0	1.05
364	MTY	합성전	1	J	-0.1	0.0	1243.1	0.0	-7790.5	0.0	1.05
303	MTZ	슬래브~1	1	I	0.3	0.0	846.7	0.0	-4888.8	0.0	1.05

[SECTION NAME : G2(5-4) , SECTION ID : 88]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
302	AXL	합성전	1	J	0.3	0.0	1118.5	0.0	-6490.1	0.0	0.40
346	SHY	활하중	1	J	0.0	0.0	-166.8	-1012.3	-4472.2	0.0	0.40
363	SHZ	합성전	1	J	-0.1	0.0	1179.4	0.0	-6518.7	0.0	0.40
346	TOR	활하중	1	J	0.0	0.0	808.4	1012.3	2039.3	0.0	0.40
346	MTY	활하중	1	I	0.0	0.0	794.9	1009.9	2066.2	0.0	0.40
302	MTZ	슬래브~1	1	I	0.3	0.0	828.0	0.0	-4553.9	0.0	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
346	AXL	합성전	1	J	-0.3	0.0	1118.5	0.0	-6490.1	0.0	0.40
346	SHY	활하중	1	J	0.0	0.0	-166.8	-1012.3	-4472.2	0.0	0.40
302	SHZ	활하중	1	I	0.0	0.0	-173.1	-1009.9	-4297.9	0.0	0.40
346	TOR	활하중	1	J	0.0	0.0	-166.8	-1012.3	-4472.2	0.0	0.40
363	MTY	합성전	1	J	-0.1	0.0	1179.4	0.0	-6518.7	0.0	0.40
302	MTZ	슬래브~1	1	I	0.3	0.0	828.0	0.0	-4553.9	0.0	0.40

[SECTION NAME : G2(7-6) , SECTION ID : 89]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
301	AXL	합성전	1	J	0.3	0.0	1094.6	0.0	-6047.5	0.0	3.55
345	SHY	활하중	1	J	0.0	0.0	-173.1	-1009.9	-4297.9	0.0	3.55
362	SHZ	합성전	1	J	-0.1	0.0	1155.6	0.0	-6051.7	0.0	3.55
345	TOR	활하중	1	J	0.0	0.0	794.9	1009.9	2066.2	0.0	3.55
362	MTY	활하중	1	I	0.0	0.0	657.3	948.2	2499.2	0.0	3.55
301	MTZ	슬래브~1	1	I	0.3	0.0	661.6	0.0	-1909.9	0.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
345	AXL	합성전	1	J	-0.3	0.0	1094.6	0.0	-6047.5	0.0	3.55
345	SHY	활하중	1	J	0.0	0.0	-173.1	-1009.9	-4297.9	0.0	3.55
257	SHZ	활하중	1	I	0.0	0.0	-248.1	-948.2	-3007.0	0.0	3.55
345	TOR	활하중	1	J	0.0	0.0	-173.1	-1009.9	-4297.9	0.0	3.55
362	MTY	합성전	1	J	-0.1	0.0	1155.6	0.0	-6051.7	0.0	3.55
301	MTZ	슬래브~1	1	I	0.3	0.0	661.6	0.0	-1909.9	0.0	3.55

[SECTION NAME : G2(9-8) , SECTION ID : 90]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
300	AXL	합성전	1	J	0.3	0.0	866.5	0.0	-2530.2	0.0	2.50
256	SHY	활하중	1	J	0.0	0.0	653.0	868.7	2499.2	0.0	2.50
361	SHZ	합성전	1	J	-0.1	0.0	927.6	0.0	-2317.9	0.0	2.50
256	TOR	활하중	1	J	0.0	0.0	653.0	868.7	2499.2	0.0	2.50
361	MTY	활하중	1	I	0.0	0.0	568.0	845.8	3017.4	0.0	2.50
300	MTZ	슬래브-1	1	I	0.3	0.0	544.2	0.0	-403.0	0.0	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
344	AXL	합성전	1	J	-0.3	0.0	866.5	0.0	-2530.2	0.0	2.50
256	SHY	활하중	1	J	0.0	0.0	653.0	868.7	2499.2	0.0	2.50
256	SHZ	합성전	1	I	0.0	0.0	-254.5	-845.8	-2583.9	0.0	2.50
256	TOR	활하중	1	J	0.0	0.0	-170.9	-868.7	-3007.0	0.0	2.50
300	MTY	활하중	1	J	0.0	0.0	-199.1	-852.6	-3007.9	0.0	2.50
300	MTZ	슬래브~1	1	I	0.3	0.0	544.2	0.0	-403.0	0.0	2.50

[SECTION NAME : G2(11-10) , SECTION ID : 91]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
299	AXL	합성전 활하중	1	I	0.3	0.0	578.1	0.0	1079.8	0.0	2.50
360	SHY		1	I	0.0	0.0	497.7	847.0	3449.5	0.0	2.50
360	SHZ	합성전 활하중	1	J	-0.1	0.0	783.0	0.0	-179.9	0.0	2.50
360	TOR		1	I	0.0	0.0	497.7	847.0	3449.5	0.0	2.50
360	MTY	활하중 슬래브~1	1	I	0.0	0.0	497.7	847.0	3449.5	0.0	2.50
299	MTZ		1	I	0.3	0.0	427.0	0.0	811.0	0.0	2.50

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
343	AXL	합성전	1	I	-0.3	0.0	578.1	0.0	1079.9	0.0	2.50
360	SHY	활하중	1	I	0.0	0.0	497.7	847.0	3449.5	0.0	2.50
360	SHZ	활하중	1	I	0.0	0.0	-349.2	-847.0	-2252.0	0.0	2.50
360	TOR	활하중	1	I	0.0	0.0	-349.2	-847.0	-2252.0	0.0	2.50
360	MTY	활하중	1	J	0.0	0.0	-254.5	-845.8	-2583.9	0.0	2.50
299	MTZ	슬래브~1	1	I	0.3	0.0	427.0	0.0	811.0	0.0	2.50

[SECTION NAME : G2(12-11) , SECTION ID : 92]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
298	AXL	합성전	1	I	0.3	0.0	372.3	0.0	2761.4	0.0	3.55
320	SHY	활하중	1	J	0.0	0.0	563.3	765.2	3144.4	0.0	3.55
359	SHZ	합성전	1	J	-0.1	0.0	637.5	0.0	1597.7	0.0	3.55
320	TOR	활하중	1	J	0.0	0.0	563.3	765.2	3144.4	0.0	3.55
359	MTY	활하중	1	I	0.0	0.0	449.5	744.3	3899.2	0.0	3.55
298	MTZ	슬래브~1	1	I	0.3	0.0	274.0	0.0	2079.2	0.0	3.55

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
342	AXL	합성 전	1	I	-0.3	0.0	372.3	0.0	2761.5	0.0	3.55
320	SHY	활하중	1	J	0.0	0.0	563.3	765.2	3144.4	0.0	3.55
320	SHZ	활하중	1	I	0.0	0.0	-351.9	-748.3	-1954.7	0.0	3.55
320	TOR	활하중	1	J	0.0	0.0	-228.0	-765.2	-2157.0	0.0	3.55
254	MTY	활하중	1	J	0.0	0.0	-224.0	-761.5	-2252.0	0.0	3.55
298	MTZ	슬래브~1	1	I	0.3	0.0	274.0	0.0	2079.2	0.0	3.55

[SECTION NAME : G2(14-13) , SECTION ID : 93]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
297	AXL	합성 전	1	I	0.3	0.0	349.1	0.0	2905.6	0.0	0.40
275	SHY	활하중	1	I	0.0	0.0	-367.3	-748.3	-1932.5	0.0	0.40
297	SHZ	활하중	1	J	0.0	0.0	455.6	747.5	3690.7	0.0	0.40
319	TOR	활하중	1	I	0.0	0.0	428.2	748.3	3665.4	0.0	0.40
358	MTY	활하중	1	I	0.0	0.0	435.7	744.4	3928.7	0.0	0.40
297	MTZ	슬래브~1	1	I	0.3	0.0	255.3	0.0	2185.0	0.0	0.40

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
341	AXL	합성 전	1	I	-0.3	0.0	349.1	0.0	2905.7	0.0	0.40
275	SHY	활하중	1	I	0.0	0.0	-367.3	-748.3	-1932.5	0.0	0.40
275	SHZ	활하중	1	I	0.0	0.0	-367.3	-748.3	-1932.5	0.0	0.40
275	TOR	활하중	1	I	0.0	0.0	-367.3	-748.3	-1932.5	0.0	0.40
297	MTY	활하중	1	J	0.0	0.0	-351.0	-747.5	-1993.8	0.0	0.40
297	MTZ	슬래브~1	1	I	0.3	0.0	255.3	0.0	2185.0	0.0	0.40

[SECTION NAME : G2(16-15) , SECTION ID : 94]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
296	AXL	합성 전	1	I	0.3	0.0	287.1	0.0	3239.7	0.0	1.05
274	SHY	활하중	1	I	0.0	0.0	401.8	759.3	3735.1	0.0	1.05
296	SHZ	활하중	1	J	0.0	0.0	444.5	747.5	3735.4	0.0	1.05
274	TOR	활하중	1	I	0.0	0.0	401.8	759.3	3735.1	0.0	1.05
357	MTY	합성 전	1	I	-0.1	0.0	349.4	0.0	4068.7	0.0	1.05
296	MTZ	슬래브	1	I	0.3	0.0	206.1	0.0	2427.2	0.0	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
340	AXL	합성 전	1	I	-0.3	0.0	287.1	0.0	3239.8	0.0	1.05
274	SHY	활하중	1	I	0.0	0.0	401.8	759.3	3735.1	0.0	1.05
274	SHZ	활하중	1	I	0.0	0.0	-409.3	-759.3	-1874.4	0.0	1.05
274	TOR	활하중	1	I	0.0	0.0	-409.3	-759.3	-1874.4	0.0	1.05
296	MTY	활하중	1	J	0.0	0.0	-366.4	-747.5	-1978.4	0.0	1.05
296	MTZ	슬래브~1	1	I	0.3	0.0	206.1	0.0	2427.2	0.0	1.05

[SECTION NAME : G2(17-16) , SECTION ID : 95]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
295	AXL	합성 전	1	I	0.3	0.0	-0.7	0.0	3972.4	0.0	5.00
273	SHY	활하중	1	J	0.0	0.0	-271.6	-696.7	-1874.4	0.0	5.00
356	SHZ	활하중	1	J	0.0	0.0	533.7	676.2	3982.8	0.0	5.00
273	TOR	활하중	1	J	0.0	0.0	506.9	696.7	3735.1	0.0	5.00
356	MTY	합성 전	1	I	-0.1	0.0	63.2	0.0	5120.8	0.0	5.00
295	MTZ	슬래브~1	1	I	0.3	0.0	-7.6	0.0	2975.3	0.0	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
339	AXL	합성 전	1	I	-0.3	0.0	-0.7	0.0	3972.6	0.0	5.00
273	SHY	활하중	1	J	0.0	0.0	-271.6	-696.7	-1874.4	0.0	5.00
273	SHZ	활하중	1	I	0.0	0.0	-461.5	-694.8	-1646.2	0.0	5.00
273	TOR	활하중	1	J	0.0	0.0	-271.6	-696.7	-1874.4	0.0	5.00
339	MTY	활하중	1	J	0.0	0.0	-280.7	-696.0	-1938.1	0.0	5.00
295	MTZ	슬래브~1	1	I	0.3	0.0	-7.6	0.0	2975.3	0.0	5.00

[SECTION NAME : G2(19-18) , SECTION ID : 96]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
294	AXL	합성 전	1	J	0.3	0.0	10.6	0.0	3972.4	0.0	5.00
338	SHY	활하중	1	I	0.0	0.0	282.1	691.6	3766.7	0.0	5.00
338	SHZ	활하중	1	J	0.0	0.0	458.7	690.8	4039.9	0.0	5.00
338	TOR	활하중	1	I	0.0	0.0	282.1	691.6	3766.7	0.0	5.00
294	MTY	활하중	1	J	0.0	0.0	458.7	690.8	4039.9	0.0	5.00
294	MTZ	슬래브 1	1	I	0.3	0.0	-217.9	0.0	2471.8	0.0	5.00

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
338	AXL	합성 전	1	J	-0.3	0.0	10.6	0.0	3972.6	0.0	5.00
338	SHY	활하중	1	I	0.0	0.0	282.1	691.6	3766.7	0.0	5.00
316	SHZ	활하중	1	I	0.0	0.0	-511.1	-691.4	-1608.7	0.0	5.00
338	TOR	활하중	1	I	0.0	0.0	-509.8	-691.6	-1859.4	0.0	5.00
338	MTY	활하중	1	I	0.0	0.0	-509.8	-691.6	-1859.4	0.0	5.00
294	MTZ	슬래브 1	1	I	0.3	0.0	-217.9	0.0	2471.8	0.0	5.00

[SECTION NAME : G2(20-19) , SECTION ID : 97]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
293	AXL	합성 전	1	J	0.3	0.0	-274.1	0.0	3294.2	0.0	1.05
315	SHY	활하중	1	J	0.0	0.0	407.5	756.3	3530.1	0.0	1.05
337	SHZ	활하중	1	J	0.0	0.0	408.8	756.1	3766.7	0.0	1.05
315	TOR	활하중	1	J	0.0	0.0	407.5	756.3	3530.1	0.0	1.05
337	MTY	활하중	1	J	0.0	0.0	408.8	756.1	3766.7	0.0	1.05
293	MTZ	슬래브 1	1	I	0.3	0.0	-245.6	0.0	2239.8	0.0	1.05

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH	
337	AXL	합성 전	1	J	-0.3	0.0	-274.1	0.0	3294.4	0.0	1.05
315	SHY	활하중	1	J	0.0	0.0	407.5	756.3	3530.1	0.0	1.05
337	SHZ	활하중	1	I	0.0	0.0	-442.7	-745.4	-1884.0	0.0	1.05
315	TOR	활하중	1	J	0.0	0.0	-409.4	-756.3	-1608.7	0.0	1.05
293	MTY	활하중	1	I	0.0	0.0	-442.7	-745.4	-1884.0	0.0	1.05
293	MTZ	슬래브~1	1	I	0.3	0.0	-245.6	0.0	2239.8	0.0	1.05