■ 청도천2교 부산방향(P4) 하부 output

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

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

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
No Abbreviation was made in this Load Set. All names are less than 8 char.'s			

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE DESCRIPTION	ANAL.TYPE DETAIL TYPE
D User Defined Load (USER)	Static
L User Defined Load (USER)	Static
W-TR User Defined Load (USER)	Static
WL User Defined Load (USER)	Static
W-LO User Defined Load (USER)	Static

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT Unit System : kN , m

ELEM	MAT	SEC	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z
1	1	1	D	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	175.2	0.0	-157.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-20.2	0.0	0.0	0.0	0.0	
				J	-20.2	0.0	0.0	0.0	0.0	
			WL	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	-14.6	0.0	0.0	0.0	13.1
2	1	2	D	I	0.0	0.0	175.2	0.0	-157.7	0.0
				J	0.0	0.0	204.6	0.0	-195.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-20.2	0.0	0.0	0.0	0.0	
				J	-20.2	0.0	0.0	0.0	0.0	
			WL	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	-14.6	0.0	0.0	0.0	13.1
3	1	2	D	I	0.0	0.0	4765.4	0.0	-195.7	0.0
				J	0.0	0.0	4919.8	0.0	-5280.4	0.0
			L	I	0.0	0.0	852.8	0.0	0.0	0.0
				J	0.0	0.0	852.8	0.0	-895.5	0.0
			W-TR	I	-226.8	0.0	0.0	0.0	653.1	0.0
				J	-226.8	0.0	0.0	0.0	653.1	0.0
			WL	I	-25.0	0.0	0.0	0.0	139.4	0.0
				J	-25.0	0.0	0.0	0.0	139.4	0.0
			W-LO	I	0.0	-21.8	0.0	0.0	0.0	16.8
				J	0.0	-59.6	0.0	0.0	0.0	59.5
4	1	2	D	I	71.1	0.0	-404.5	0.0	-4044.7	0.0
				J	71.1	0.0	-220.6	0.0	-3654.0	0.0
			L	I	10.9	0.0	-42.0	0.0	-676.7	0.0
				J	10.9	0.0	-42.0	0.0	-624.2	0.0
			W-TR	I	-20.8	0.0	1293.5	0.0	3511.1	0.0
				J	-20.8	0.0	1293.5	0.0	1894.3	0.0
			WL	I	-0.0	0.0	159.6	0.0	438.8	0.0
				J	-0.0	0.0	159.6	0.0	239.3	0.0
			W-LO	I	0.0	99.0	0.0	0.0	61.2	0.0
				J	0.0	54.0	0.0	0.0	-34.4	
5	1	2	D	I	71.1	0.0	-220.6	0.0	-3654.0	0.0
				J	71.1	0.0	220.6	0.0	-3654.0	0.0
			L	I	10.9	0.0	-42.0	0.0	-624.2	0.0
				J	10.9	0.0	-42.0	0.0	-498.4	0.0
			W-TR	I	-20.8	0.0	1293.5	0.0	1894.3	0.0
				J	-20.8	0.0	1293.5	0.0	-1986.1	0.0
			WL	I	-0.0	0.0	159.6	0.0	239.3	0.0
				J	-0.0	0.0	159.6	0.0	-239.3	0.0
			W-LO	I	0.0	54.0	0.0	0.0	-34.4	
				J	0.0	-54.0	0.0	0.0	-34.4	
6	1	2	D	I	71.1	0.0	220.6	0.0	-3654.0	0.0
				J	71.1	0.0	404.5	0.0	-4044.7	0.0
			L	I	10.9	0.0	-42.0	0.0	-498.4	0.0
				J	10.9	0.0	-42.0	0.0	-445.9	0.0
			W-TR	I	-20.8	0.0	1293.5	0.0	-1986.1	0.0
				J	-20.8	0.0	1293.5	0.0	-3603.0	0.0
			WL	I	-0.0	0.0	159.6	0.0	-239.3	0.0
				J	-0.0	0.0	159.6	0.0	-438.8	0.0
			W-LO	I	0.0	-54.0	0.0	0.0	-34.4	
				J	0.0	-99.0	0.0	0.0	61.2	
7	1	2	D	I	0.0	0.0	-4919.8	0.0	-5280.4	0.0
				J	0.0	0.0	-4765.4	0.0	-195.7	0.0
			L	I	0.0	0.0	-575.9	0.0	-604.7	0.0
				J	0.0	0.0	-575.9	0.0	0.0	0.0
			W-TR	I	206.7	0.0	0.0	0.0	-653.1	0.0
				J	206.7	0.0	0.0	0.0	-653.1	0.0
			WL	I	25.0	0.0	0.0	0.0	-139.4	0.0
				J	25.0	0.0	0.0	0.0	-139.4	0.0
			W-LO	I	0.0	59.6	0.0	0.0	0.0	59.5
				J	0.0	21.8	0.0	0.0	0.0	16.8
8	1	2	D	I	0.0	0.0	-204.6	0.0	-195.7	0.0
				J	0.0	0.0	-175.2	0.0	-157.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-0.0	0.0	0.0	0.0	0.0	
				J	-0.0	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	
				J	-0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	21.8	0.0	0.0	0.0	16.8
				J	0.0	14.6	0.0	0.0	0.0	13.1
9	1	1	D	I	0.0	0.0	-175.2	0.0	-157.7	0.0
				J	0.0	0.0	0.0	0.0	0.0	
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			WL	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	14.6	0.0	0.0	0.0	13.1
				J	0.0	0.0	0.0	0.0	0.0	
10	1	3	D	I	-5324.4	0.0	-71.1	0.0	-1150.4	0.0
				J	-8296.9	0.0	-71.1	0.0	605.7	0.0
			L	I	-894.8	0.0	-10.9	0.0	-205.8	0.0
				J	-894.8	0.0	-10.9	0.0	62.5	0.0
			W-TR	I	1293.5	0.0	-206.1	0.0	-2610.8	0.0
				J	1293.5	0.0	-298.7	0.0	3623.3	0.0
			WL	I	159.6	0.0	-25.0	0.0	-269.4	0.0
				J	159.6	0.0	-25.0	0.0	348.1	0.0
			W-LO	I	0.0	-158.6	0.0	1.7	0.0	190.3
				J	0.0	-251.2	0.0	1.7	0.0	5251.1

11	1	3	D	I	-5324.4
0.0	71.1	0.0	1150.4	0.0	
				J	-8296.9
0.0	71.1	0.0	-605.7	0.0	
			L	I	-534.0
0.0	10.9	0.0	145.7	0.0	
				J	-534.0
0.0	10.9	0.0	-122.6	0.0	
		W-TR		I	-1293.5
0.0	-227.4	0.0	-2677.0	0.0	
				J	-1293.5
0.0	-273.7	0.0	3512.5	0.0	
		WL		I	-159.6
0.0	-25.0	0.0	-269.4	0.0	
				J	-159.6
0.0	-25.0	0.0	348.1	0.0	
		W-LO		I	0.0
-158.6	0.0	-1.7	0.0	190.3	
				J	0.0
-251.2	0.0	-1.7	0.0	5251.1	

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

---

* LENGTH : the length of between two nodes

[SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION SHAPE : SB]
[SECTION SIZE] H:1.588 B:2.5
** MAX

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	D	1	I	0.0	0.0	-175.2	0.0	-157.7	0.0	1.80
9	SHY	W-LO	1	I	0.0	14.6	0.0	0.0	0.0	13.1	1.80
1	SHZ	D	1	J	0.0	0.0	175.2	0.0	-157.7	0.0	1.80
9	TOR	D	1	I	0.0	0.0	-175.2	0.0	-157.7	0.0	1.80
1	MTY	W-TR	1	I	-20.2	0.0	0.0	0.0	0.0	0.0	1.80
1	MTZ	W-LO	1	J	0.0	-14.6	0.0	0.0	0.0	13.1	1.80

** MIN

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
1	AXL	W-TR	1	I	-20.2	0.0	0.0	0.0	0.0	0.0	1.80
1	SHY	W-LO	1	J	0.0	-14.6	0.0	0.0	0.0	13.1	1.80
9	SHZ	D	1	I	0.0	0.0	-175.2	0.0	-157.7	0.0	1.80
9	TOR	D	1	I	0.0	0.0	-175.2	0.0	-157.7	0.0	1.80
1	MTY	D	1	J	0.0	0.0	175.2	0.0	-157.7	0.0	1.80
1	MTZ	W-TR	1	I	-20.2	0.0	0.0	0.0	0.0	0.0	1.80

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.4 B:2.5
** MAX

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	W-TR	1	J	206.7	0.0	0.0	0.0	-653.1	0.0	1.05
4	SHY	W-LO	1	I	0.0	99.0	0.0	0.0	0.0	61.2	1.25
3	SHZ	D	1	J	0.0	0.0	4919.8	0.0	-5280.4	0.0	1.05
3	TOR	D	1	J	0.0	0.0	4919.8	0.0	-5280.4	0.0	1.05
4	MTY	W-TR	1	I	-20.8	0.0	1293.5	0.0	3511.1	0.0	1.25
4	MTZ	W-LO	1	I	0.0	99.0	0.0	0.0	0.0	61.2	1.25

** MIN

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	W-TR	1	J	-226.8	0.0	0.0	0.0	653.1	0.0	1.05
6	SHY	W-LO	1	J	0.0	-99.0	0.0	0.0	0.0	61.2	1.25
7	SHZ	D	1	I	0.0	0.0	-4919.8	0.0	-5280.4	0.0	1.05
3	TOR	D	1	J	0.0	0.0	4919.8	0.0	-5280.4	0.0	1.05
3	MTY	D	1	J	0.0	0.0	4919.8	0.0	-5280.4	0.0	1.05
4	MTZ	W-LO	1	J	0.0	54.0	0.0	0.0	0.0	-34.4	1.25

[SECTION NAME : 기둥 , SECTION ID : 3 , SECTION SHAPE : SR]
[SECTION SIZE] D:2.5
** MAX

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
10	AXL	W-TR	1	J	1293.5	0.0	-298.7	0.0	3623.3	0.0	24.70
10	SHY	D	1	I	-5324.4	0.0	-71.1	0.0	-1150.4	0.0	24.70
11	SHZ	D	1	I	-5324.4	0.0	71.1	0.0	1150.4	0.0	24.70
10	TOR	W-LO	1	J	0.0	-251.2	0.0	1.7	0.0	5251.1	24.70
10	MTY	W-TR	1	J	1293.5	0.0	-298.7	0.0	3623.3	0.0	24.70
10	MTZ	W-LO	1	J	0.0	-251.2	0.0	1.7	0.0	5251.1	24.70

** MIN

ELEM	COM	LC		PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
11	AXL	D	1	J	-8296.9	0.0	71.1	0.0	-605.7	0.0	24.70
11	SHY	W-LO	1	J	0.0	-251.2	0.0	-1.7	0.0	5251.1	24.70
10	SHZ	W-TR	1	J	1293.5	0.0	-298.7	0.0	3623.3	0.0	24.70
11	TOR	W-LO	1	J	0.0	-251.2	0.0	-1.7	0.0	5251.1	24.70
11	MTY	W-TR	1	I	-1293.5	0.0	-227.4	0.0	-2677.0	0.0	24.70
10	MTZ	D	1	J	-8296.9	0.0	-71.1	0.0	605.7	0.0	24.70

BEAM ELEMENT STRESSES DEFAULT PRINTOUT
Unit System : kN , m

ELEM	MAT	SEC	LC		PT	AXIAL	SHEAR-y	SHEAR-z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
1	1	1	D	I	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	66.2	0.0	0.0	150.1	-150.1
			L	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-TR	I	-5.1	0.0	0.0	0.0	0.0	0.0	0.0
				J	-5.1	0.0	0.0	0.0	0.0	0.0	0.0
			WL	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-LO	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	-5.5	0.0	-7.9	7.9	0.0	0.0
2	1	2	D	I	0.0	0.0	0.0	43.8	0.0	0.0	65.7	-65.7
				J	0.0	0.0	51.2	0.0	0.0	81.5	-81.5
			L	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-TR	I	-3.4	0.0	0.0	0.0	0.0	0.0	0.0
				J	-3.4	0.0	0.0	0.0	0.0	0.0	0.0
			WL	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-LO	I	0.0	0.0	-3.6	0.0	-5.2	5.2	0.0	0.0
				J	0.0	-5.4	0.0	-6.7	6.7	0.0	0.0
3	1	2	D	I	0.0	0.0	0.0	1191.3	0.0	0.0	81.5	-81.5
				J	0.0	0.0	1230.0	0.0	0.0	2200.2	-2200.2
			L	I	0.0	0.0	213.2	0.0	0.0	0.0	0.0
				J	0.0	0.0	213.2	0.0	0.0	373.1	-373.1
			W-TR	I	-37.8	0.0	0.0	0.0	0.0	-272.1	272.1
				J	-37.8	0.0	0.0	0.0	0.0	-272.1	272.1
			WL	I	-4.2	0.0	0.0	0.0	0.0	-58.1	58.1
				J	-4.2	0.0	0.0	0.0	0.0	-58.1	58.1
			W-LO	I	0.0	0.0	-5.4	0.0	-6.7	6.7	0.0	0.0
				J	0.0	-14.9	0.0	-23.8	23.8	0.0	0.0
4	1	2	D	I	11.8	0.0	0.0	-101.1	0.0	0.0	1685.3	-1685.3
				J	11.8	0.0	-55.2	0.0	0.0	1522.5	-1522.5
			L	I	1.8	0.0	-10.5	0.0	0.0	281.9	-281.9
				J	1.8	0.0	-10.5	0.0	0.0	260.1	-260.1
			W-TR	I	-3.5	0.0	0.0	323.4	0.0	0.0	-1463.0	1463.0
				J	-3.5	0.0	323.4	0.0	0.0	-789.3	789.3
			WL	I	0.0	0.0	39.9	0.0	0.0	-182.8	182.8
				J	0.0	0.0	39.9	0.0	0.0	-99.7	99.7
			W-LO	I	0.0	0.0	24.7	0.0	-24.5	24.5	0.0	0.0
				J	0.0	13.5	0.0	13.8	-13.8	0.0	0.0
5	1	2	D	I	11.8	0.0	0.0	-55.2	0.0	0.0	1522.5	-1522.5
				J	11.8	0.0	55.2	0.0	0.0	1522.5	-1522.5
			L	I	1.8	0.0	-10.5	0.0	0.0	260.1	-260.1
				J	1.8	0.0	-10.5	0.0	0.0	207.7	-207.7
			W-TR	I	-3.5	0.0	0.0	323.4	0.0	0.0	-789.3	789.3
				J	-3.5	0.0	323.4	0.0	0.0	827.6	-827.6
			WL	I	0.0	0.0	39.9	0.0	0.0	-99.7	99.7

J 0.0 0.0
39.9 0.0 0.0 99.7 -99.7

W-LO I 0.0
13.5 0.0 13.8 -13.8 0.0 0.0
J 0.0 -13.5
0.0 13.8 -13.8 0.0 0.0

6 1 2 D I 11.8
0.0 55.2 0.0 0.0 1522.5 -1522.5
J 11.8 0.0
101.1 0.0 0.0 1685.3 -1685.3

L I 1.8 0.0
-10.5 0.0 0.0 207.7 -207.7
J 1.8 0.0
-10.5 0.0 0.0 185.8 -185.8

W-TR I -3.5
0.0 323.4 0.0 0.0 827.6 -827.6
J -3.5 0.0
323.4 0.0 0.0 1501.2 -1501.2

WL I 0.0 0.0
39.9 0.0 0.0 99.7 -99.7
J 0.0 0.0
39.9 0.0 0.0 182.8 -182.8

W-LO I 0.0
-13.5 0.0 13.8 -13.8 0.0 0.0
J 0.0 -24.8
0.0 -24.5 24.5 0.0 0.0

7 1 2 D I 0.0
0.0 -1230.0 0.0 0.0 2200.2 -2200.2
J 0.0 0.0
-1191.3 0.0 0.0 81.5 -81.5

L I 0.0 0.0
-144.0 0.0 0.0 252.0 -252.0
J 0.0 0.0
-144.0 0.0 0.0 0.0 0.0

W-TR I 34.4
0.0 0.0 0.0 0.0 272.1 -272.1
J 34.4 0.0
0.0 0.0 0.0 272.1 -272.1

WL I 4.2 0.0
0.0 0.0 0.0 58.1 -58.1
J 4.2 0.0
0.0 0.0 0.0 58.1 -58.1

W-LO I 0.0
14.9 0.0 -23.8 23.8 0.0 0.0
J 0.0 5.4
0.0 -6.7 6.7 0.0 0.0

8 1 2 D I 0.0
0.0 -51.2 0.0 0.0 81.5 -81.5
J 0.0 0.0
-43.8 0.0 0.0 65.7 -65.7

L I 0.0 0.0
0.0 0.0 0.0 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

W-TR I -0.0
0.0 0.0 0.0 0.0 0.0 0.0
J -0.0 0.0
0.0 0.0 0.0 0.0 0.0

WL I 0.0 0.0
0.0 0.0 0.0 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

W-LO I 0.0
5.4 0.0 -6.7 6.7 0.0 0.0
J 0.0 3.6
0.0 -5.2 5.2 0.0 0.0

9 1 1 D I 0.0
0.0 -66.2 0.0 0.0 150.1 -150.1
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

L I 0.0 0.0
0.0 0.0 0.0 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

W-TR I 0.0
0.0 0.0 0.0 0.0 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

WL I 0.0 0.0
0.0 0.0 0.0 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

W-LO I 0.0
5.5 0.0 -7.9 7.9 0.0 0.0
J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

10 1 3 D I -1084.7
0.0 -19.3 0.0 0.0 749.9 -749.9
J -1690.2
0.0 -19.3 0.0 0.0 -394.9 394.9

L I -182.3 0.0
-3.0 0.0 0.0 134.1 -134.1
J -182.3
0.0 -3.0 0.0 0.0 -40.8 40.8

W-TR I 263.5
0.0 -56.0 0.0 0.0 1702.0 -1702.0
J 263.5 0.0
-81.1 0.0 0.0 -2362.0 2362.0

WL I 32.5
0.0 -6.8 0.0 0.0 175.6 -175.6
J 32.5 0.0
-6.8 0.0 0.0 -226.9 226.9

W-LO I 0.0
-43.1 0.0 -124.1 124.1 0.0 0.0
J 0.0 -68.2
0.0 -3423.2 3423.2 0.0 0.0

11 1 3 D I -1084.7
0.0 19.3 0.0 0.0 -749.9 749.9
J -1690.2
0.0 19.3 0.0 0.0 394.9 -394.9

L I -108.8 0.0
3.0 0.0 0.0 -95.0 95.0
J -108.8
0.0 3.0 0.0 0.0 79.9 -79.9

W-TR I -263.5
0.0 -61.8 0.0 0.0 1745.1 -1745.1
J -263.5
0.0 -74.4 0.0 0.0 -2289.8 2289.8

WL I -32.5
0.0 -6.8 0.0 0.0 175.6 -175.6
J -32.5 0.0
-6.8 0.0 0.0 -226.9 226.9

W-LO I 0.0
-43.1 0.0 -124.1 124.1 0.0 0.0
J 0.0 -68.2
0.0 -3423.2 3423.2 0.0 0.0

BEAM ELEMENT STRESSES MIN/MAX SUMMARY BY PROPERTY PRINTOUT Unit System : kN , m

---

[SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION SHAPE : SB]
[SECTION SIZE] H:1.588 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
9	AXL	D	1	I	0.0	0.0	-66.2	0.0	0.0	150.1	-150.1
9	SHY	W-LO	1	I	0.0	5.5	0.0	-7.9	7.9	0.0	0.0
1	SHZ	D	1	J	0.0	0.0	66.2	0.0	0.0	150.1	-150.1
1	BY+	D	1	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	BY-	W-LO	1	J	0.0	-5.5	0.0	-7.9	7.9	0.0	0.0
1	BZ+	D	1	J	0.0	0.0	66.2	0.0	0.0	150.1	-150.1
1	BZ-	D	1	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
1	AXL	W-TR	1	I	-5.1	0.0	0.0	0.0	0.0	0.0	0.0
1	SHY	W-LO	1	J	0.0	-5.5	0.0	-7.9	7.9	0.0	0.0
9	SHZ	D	1	I	0.0	0.0	-66.2	0.0	0.0	150.1	-150.1
1	BY+	W-LO	1	J	0.0	-5.5	0.0	-7.9	7.9	0.0	0.0
1	BY-	W-TR	1	I	-5.1	0.0	0.0	0.0	0.0	0.0	0.0
1	BZ+	W-TR	1	I	-5.1	0.0	0.0	0.0	0.0	0.0	0.0
1	BZ-	D	1	J	0.0	0.0	66.2	0.0	0.0	150.1	-150.1

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.4 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
7	AXL	W-TR	1	J	34.4	0.0	0.0	0.0	0.0	272.1	-272.1
4	SHY	W-LO	1	I	0.0	24.7	0.0	-24.5	24.5	0.0	0.0
3	SHZ	D	1	J	0.0	0.0	1230.0	0.0	0.0	2200.2	-2200.2
4	BY+	W-LO	1	J	0.0	13.5	0.0	13.8	-13.8	0.0	0.0
6	BY-	W-LO	1	J	0.0	-24.8	0.0	-24.5	24.5	0.0	0.0
3	BZ+	D	1	J	0.0	0.0	1230.0	0.0	0.0	2200.2	-2200.2
4	BZ-	W-TR	1	I	-3.5	0.0	323.4	0.0	0.0	-1463.0	1463.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
3	AXL	W-TR	1	J	-37.8	0.0	0.0	0.0	0.0	-272.1	272.1
6	SHY	W-LO	1	J	0.0	-24.8	0.0	-24.5	24.5	0.0	0.0
7	SHZ	D	1	I	0.0	0.0	-1230.0	0.0	0.0	2200.2	-2200.2
6	BY+	W-LO	1	J	0.0	-24.8	0.0	-24.5	24.5	0.0	0.0
4	BY-	W-LO	1	J	0.0	13.5	0.0	13.8	-13.8	0.0	0.0
4	BZ+	W-TR	1	I	-3.5	0.0	323.4	0.0	0.0	-1463.0	1463.0
3	BZ-	D	1	J	0.0	0.0	1230.0	0.0	0.0	2200.2	-2200.2

[SECTION NAME : 기둥 , SECTION ID : 3 , SECTION SHAPE : SR]
[SECTION SIZE] D:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
10	AXL	W-TR	1	J	263.5	0.0	-81.1	0.0	0.0	-2362.0	2362.0
10	SHY	D	1	I	-1084.7	0.0	-19.3	0.0	0.0	749.9	-749.9
11	SHZ	D	1	I	-1084.7	0.0	19.3	0.0	0.0	-749.9	749.9
10	BY+	W-TR	1	I	263.5	0.0	-56.0	0.0	0.0	1702.0	-1702.0
10	BY-	W-LO	1	J	0.0	-68.2	0.0	-3423.2	3423.2	0.0	0.0
11	BZ+	W-TR	1	I	-263.5	0.0	-61.8	0.0	0.0	1745.1	-1745.1
10	BZ-	W-TR	1	J	263.5	0.0	-81.1	0.0	0.0	-2362.0	2362.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
10	AXL	D	1	J	-1690.2	0.0	-19.3	0.0	0.0	-394.9	394.9
10	SHY	W-LO	1	J	0.0	-68.2	0.0	-3423.2	3423.2	0.0	0.0
10	SHZ	W-TR	1	J	263.5	0.0	-81.1	0.0	0.0	-2362.0	2362.0
10	BY+	W-LO	1	J	0.0	-68.2	0.0	-3423.2	3423.2	0.0	0.0
10	BY-	D	1	J	-1690.2	0.0	-19.3	0.0	0.0	-394.9	394.9
10	BZ+	W-TR	1	J	263.5	0.0	-81.1	0.0	0.0	-2362.0	2362.0
11	BZ-	W-TR	1	I	-263.5	0.0	-61.8	0.0	0.0	1745.1	-1745.1