■ 흥산1교 대구방향(P1) 상부 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	STATIC LOAD CASE DETAIL TYPE
D	Static	Dead Load (D)
L	Static	Live Load (L)
W-LO	Static	User Defined Load (USER)
W-TR	Static	User Defined Load (USER)
WL	Static	User Defined Load (USER)

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	222.0	0.0	-177.6	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-LO	I	0.0	7.9	0.0	0.0	2.1	
				J	0.0	-7.9	0.0	0.0	2.1	
			W-TR	I	-34.2	0.0	0.0	0.0	0.0	
				J	-34.2	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	
2	1	2	D	I	0.0	0.0	4642.2	0.0	-177.6	0.0
				J	0.0	0.0	5109.4	0.0	-11879.6	0.0
			L	I	0.0	0.0	600.1	0.0	0.0	0.0
				J	0.0	0.0	600.1	0.0	-1440.3	0.0
			W-LO	I	0.0	6.8	0.0	0.0	0.8	
				J	0.0	-6.8	0.0	0.0	0.8	
			W-TR	I	-397.4	0.0	0.0	0.0	1231.1	0.0
				J	-397.4	0.0	0.0	0.0	1231.1	0.0
			WL	I	-41.2	0.0	0.0	0.0	248.1	0.0
				J	-41.2	0.0	0.0	0.0	248.1	0.0
3	1	3	D	I	0.0	0.0	5109.4	0.0	-11879.6	0.0
				J	0.0	0.0	5311.5	0.0	-15714.5	0.0
			L	I	0.0	0.0	600.1	0.0	-1440.3	0.0
				J	0.0	0.0	600.1	0.0	-1882.0	0.0
			W-LO	I	0.0	6.8	0.0	0.0	0.8	
				J	0.0	-6.8	0.0	0.0	0.8	
			W-TR	I	-397.4	0.0	0.0	0.0	1231.1	0.0
				J	-397.4	0.0	0.0	0.0	1231.1	0.0
			WL	I	-41.2	0.0	0.0	0.0	248.1	0.0
				J	-41.2	0.0	0.0	0.0	248.1	0.0
4	1	3	D	I	0.0	0.0	5311.5	0.0	-15714.5	0.0
				J	0.0	0.0	5521.3	0.0	-19852.7	0.0
			L	I	0.0	0.0	600.1	0.0	-1882.0	0.0
				J	0.0	0.0	600.1	0.0	-2340.5	0.0
			W-LO	I	0.0	7.1	0.0	0.0	0.9	
				J	0.0	-7.1	0.0	0.0	0.9	
			W-TR	I	-397.4	0.0	0.0	0.0	1231.1	0.0
				J	-397.4	0.0	0.0	0.0	1231.1	0.0
			WL	I	-41.3	0.0	0.0	0.0	248.1	0.0
				J	-41.3	0.0	0.0	0.0	248.1	0.0
5	1	3	D	I	0.0	0.0	-5725.8	0.0	-20650.0	0.0
				J	0.0	0.0	-5516.0	0.0	-16355.7	0.0
			L	I	0.0	0.0	-830.4	0.0	-3238.7	0.0
				J	0.0	0.0	-830.4	0.0	-2604.3	0.0
			W-LO	I	0.0	7.1	0.0	0.0	0.9	
				J	0.0	-7.1	0.0	0.0	0.9	
			W-TR	I	363.3	0.0	0.0	0.0	-1231.1	0.0
				J	363.3	0.0	0.0	0.0	-1231.1	0.0
			WL	I	41.3	0.0	0.0	0.0	-248.1	0.0
				J	41.3	0.0	0.0	0.0	-248.1	0.0
6	1	3	D	I	0.0	0.0	-5516.0	0.0	-16355.7	0.0
				J	0.0	0.0	-5313.9	0.0	-12370.3	0.0
			L	I	0.0	0.0	-830.4	0.0	-2604.3	0.0
				J	0.0	0.0	-830.4	0.0	-1993.1	0.0
			W-LO	I	0.0	6.8	0.0	0.0	0.8	
				J	0.0	-6.8	0.0	0.0	0.8	
			W-TR	I	363.3	0.0	0.0	0.0	-1231.1	0.0
				J	363.3	0.0	0.0	0.0	-1231.1	0.0
			WL	I	41.3	0.0	0.0	0.0	-248.1	0.0
				J	41.3	0.0	0.0	0.0	-248.1	0.0
7	1	2	D	I	0.0	0.0	-5313.9	0.0	-12370.3	0.0
				J	0.0	0.0	-4846.7	0.0	-177.6	0.0
			L	I	0.0	0.0	-830.4	0.0	-1993.1	0.0
				J	0.0	0.0	-830.4	0.0	0.0	0.0
			W-LO	I	0.0	17.9	0.0	0.0	7.1	
				J	0.0	-17.9	0.0	0.0	7.1	
			W-TR	I	363.3	0.0	0.0	0.0	-1231.1	0.0
				J	363.3	0.0	0.0	0.0	-1231.1	0.0
			WL	I	41.2	0.0	0.0	0.0	-248.1	0.0
				J	41.2	0.0	0.0	0.0	-248.1	0.0
9	1	4	D	I	-11247.1	0.0	0.0	0.0	797.4	0.0
				J	-12597.3	0.0	0.0	0.0	797.4	0.0
			L	I	-1430.6	0.0	0.0	0.0	898.2	0.0
				J	-1430.6	0.0	0.0	0.0	898.2	0.0
			W-LO	I	0.0	17.5	0.0	0.0	22.8	
				J	0.0	-17.5	0.0	0.0	22.8	
			W-TR	I	0.0	0.0	-760.7	0.0	3983.7	0.0
				J	0.0	0.0	-795.8	0.0	10047.0	0.0
			WL	I	0.0	0.0	-82.5	0.0	661.2	0.0
				J	0.0	0.0	-82.5	0.0	1303.9	0.0
10	1	1	D	I	0.0	0.0	-222.0	0.0	-177.6	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-LO	I	0.0	7.9	0.0	0.0	2.1	
				J	0.0	-7.9	0.0	0.0	2.1	
			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	

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:2.021 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
1	AXL	D	1	J	0.0	0.0				
222.0	0.0	-177.6	0.0	1.60						
1	SHY	W-LO	1	I	0.0	7.9				
0.0	0.0	0.0	2.1	1.60						
1	SHZ	D	1	J	0.0	0.0				
222.0	0.0	-177.6	0.0	1.60						
1	TOR	D	1	J	0.0	0.0				
222.0	0.0	-177.6	0.0	1.60						
1	MTY	W-TR	1	I	-34.2	0.0				
0.0	0.0	0.0	0.0	1.60						
1	MTZ	W-LO	1	I	0.0	7.9				
0.0	0.0	0.0	2.1	1.60						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
1	AXL	W-TR	1	I	-34.2	0.0				
0.0	0.0	0.0	0.0	1.60						
1	SHY	W-LO	1	J	0.0	-7.9				
0.0	0.0	0.0	2.1	1.60						
10	SHZ	D	1	I	0.0	0.0				
-222.0	0.0	-177.6	0.0	1.60						
1	TOR	D	1	J	0.0	0.0				
222.0	0.0	-177.6	0.0	1.60						
1	MTY	D	1	J	0.0	0.0				
222.0	0.0	-177.6	0.0	1.60						
1	MTZ	W-TR	1	I	-34.2	0.0				
0.0	0.0	0.0	0.0	1.60						

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.836 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	W-TR	1	I	363.3	0.0				
0.0	0.0	-1231.1	0.0	2.40						
2	SHY	W-LO	1	I	0.0	17.9				
0.0	0.0	0.0	7.1	2.40						
2	SHZ	D	1	J	0.0	0.0				
5109.4	0.0	-11879.6	0.0	2.40						
7	TOR	D	1	I	0.0	0.0				
-5313.9	0.0	-12370.3	0.0	2.40						
2	MTY	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	2.40						
2	MTZ	W-LO	1	I	0.0	17.9				
0.0	0.0	0.0	7.1	2.40						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
2	AXL	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	2.40						
2	SHY	W-LO	1	J	0.0	-17.9				
0.0	0.0	0.0	7.1	2.40						
7	SHZ	D	1	I	0.0	0.0				
-5313.9	0.0	-12370.3	0.0	2.40						
7	TOR	D	1	I	0.0	0.0				
-5313.9	0.0	-12370.3	0.0	2.40						
7	MTY	D	1	I	0.0	0.0				
-5313.9	0.0	-12370.3	0.0	2.40						
2	MTZ	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	2.40						

[SECTION NAME : 코핑3 , SECTION ID : 3 , SECTION SHAPE : SB]
[SECTION SIZE] H:4 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
5	AXL	W-TR	1	J	363.3	0.0				
0.0	0.0	-1231.1	0.0	0.76						
4	SHY	W-LO	1	I	0.0	7.1				
0.0	0.0	0.0	0.9	0.76						
4	SHZ	D	1	J	0.0	0.0				
5521.3	0.0	-19852.7	0.0	0.76						
5	TOR	D	1	I	0.0	0.0				
-5725.8	0.0	-20650.0	0.0	0.76						
4	MTY	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	0.76						
4	MTZ	W-LO	1	I	0.0	7.1				
0.0	0.0	0.0	0.9	0.76						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	0.74						
4	SHY	W-LO	1	J	0.0	-7.1				
0.0	0.0	0.0	0.9	0.76						
5	SHZ	D	1	I	0.0	0.0				
-5725.8	0.0	-20650.0	0.0	0.76						
5	TOR	D	1	I	0.0	0.0				
-5725.8	0.0	-20650.0	0.0	0.76						
5	MTY	D	1	I	0.0	0.0				
-5725.8	0.0	-20650.0	0.0	0.76						
4	MTZ	W-TR	1	I	-397.4	0.0				
0.0	0.0	1231.1	0.0	0.76						

[SECTION NAME : 기둥 , SECTION ID : 4 , SECTION SHAPE : SR]
[SECTION SIZE] D:3
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	W-TR	1	J	0.0	0.0				
-795.8	0.0	10047.0	0.0	7.79						
9	SHY	W-LO	1	I	0.0	17.5				
0.0	0.0	0.0	22.8	7.79						
9	SHZ	D	1	I	-11247.1	0.0				
0.0	0.0	797.4	0.0	7.79						
9	TOR	W-TR	1	J	0.0	0.0				
-795.8	0.0	10047.0	0.0	7.79						
9	MTY	W-TR	1	J	0.0	0.0				
-795.8	0.0	10047.0	0.0	7.79						
9	MTZ	W-LO	1	I	0.0	17.5				
0.0	0.0	0.0	22.8	7.79						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	D	1	J	-12597.3	0.0				
0.0	0.0	797.4	0.0	7.79						
9	SHY	W-LO	1	J	0.0	-17.5				
0.0	0.0	0.0	22.8	7.79						
9	SHZ	W-TR	1	J	0.0	0.0				
-795.8	0.0	10047.0	0.0	7.79						
9	TOR	W-TR	1	J	0.0	0.0				
-795.8	0.0	10047.0	0.0	7.79						
9	MTY	W-LO	1	I	0.0	17.5				
0.0	0.0	0.0	22.8	7.79						
9	MTZ	D	1	J	-12597.3	0.0				
0.0	0.0	797.4	0.0	7.79						

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	58.8	0.0	0.0	93.2	-93.2
				L	I	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
				W-LO	I	0.0	2.1	0.0	-0.8	0.8	0.0	0.0
					J	0.0	-2.1	0.0	-0.8	0.8	0.0	0.0
				W-TR	I	-6.0	0.0	0.0	0.0	0.0	0.0	0.0
					J	-6.0	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
2	1	2	D	I	0.0	0.0	876.9	0.0	0.0	47.3	-47.3
					J	0.0	0.0	965.2	0.0	0.0	3165.1	-3165.1
				L	I	0.0	0.0	113.4	0.0	0.0	0.0	0.0
					J	0.0	0.0	113.4	0.0	0.0	383.7	-383.7
				W-LO	I	0.0	3.4	0.0	-1.9	1.9	0.0	0.0
					J	0.0	-3.4	0.0	-1.9	1.9	0.0	0.0
				W-TR	I	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0
					J	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0
				WL	I	-5.2	0.0	0.0	0.0	0.0	-66.1	66.1
					J	-5.2	0.0	0.0	0.0	0.0	-66.1	66.1
3	1	3	D	I	0.0	0.0	684.3	0.0	0.0	1591.0	-1591.0
					J	0.0	0.0	711.4	0.0	0.0	2104.6	-2104.6
				L	I	0.0	0.0	80.4	0.0	0.0	192.9	-192.9
					J	0.0	0.0	80.4	0.0	0.0	252.1	-252.1
				W-LO	I	0.0	0.9	0.0	-0.2	0.2	0.0	0.0
					J	0.0	-0.9	0.0	-0.2	0.2	0.0	0.0
				W-TR	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
					J	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
				WL	I	-3.7	0.0	0.0	0.0	0.0	-33.2	33.2
					J	-3.7	0.0	0.0	0.0	0.0	-33.2	33.2
4	1	3	D	I	0.0	0.0	711.4	0.0	0.0	2104.6	-2104.6
					J	0.0	0.0	739.5	0.0	0.0	2658.8	-2658.8
				L	I	0.0	0.0	80.4	0.0	0.0	252.1	-252.1
					J	0.0	0.0	80.4	0.0	0.0	313.5	-313.5
				W-LO	I	0.0	1.0	0.0	-0.2	0.2	0.0	0.0
					J	0.0	-1.0	0.0	-0.2	0.2	0.0	0.0
				W-TR	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
					J	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
				WL	I	-3.7	0.0	0.0	0.0	0.0	-33.2	33.2
					J	-3.7	0.0	0.0	0.0	0.0	-33.2	33.2
5	1	3	D	I	0.0	0.0	-766.8	0.0	0.0	2765.6	-2765.6
					J	0.0	0.0	-738.8	0.0	0.0	2190.5	-2190.5
				L	I	0.0	0.0	-111.2	0.0	0.0	433.8	-433.8
					J	0.0	0.0	-111.2	0.0	0.0	348.8	-348.8
				W-LO	I	0.0	1.0	0.0	-0.2	0.2	0.0	0.0
					J	0.0	-1.0	0.0	-0.2	0.2	0.0	0.0
				W-TR	I	32.4	0.0	0.0	0.0	0.0	164.9	-164.9
					J	32.4	0.0					

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     0.0        0.0        0.0      164.9     -164.9

                          WL         I        3.7        0.0
     0.0        0.0        0.0       33.2      -33.2
                                     J        3.7        0.0
     0.0        0.0        0.0       33.2      -33.2

     6          1          3         D          I          0.0
0.0      -738.8        0.0        0.0     2190.5    -2190.5
                                     J          0.0        0.0
  -711.7        0.0        0.0     1656.7    -1656.7

                          L          I          0.0        0.0
  -111.2        0.0        0.0      348.8     -348.8
                                     J          0.0        0.0
  -111.2        0.0        0.0      266.9     -266.9

                          W-LO       I          0.0
0.9        0.0       -0.2        0.2        0.0        0.0
                                     J          0.0       -0.9
     0.0       -0.2        0.2        0.0        0.0

                          W-TR       I         32.4
0.0        0.0        0.0        0.0      164.9     -164.9
                                     J         32.4        0.0
     0.0        0.0        0.0      164.9     -164.9

                          WL         I        3.7        0.0
     0.0        0.0        0.0       33.2      -33.2
                                     J        3.7        0.0
     0.0        0.0        0.0       33.2      -33.2

     7          1          2         D          I          0.0
0.0    -1003.8        0.0        0.0     3295.8    -3295.8
                                     J          0.0        0.0
  -915.5        0.0        0.0       47.3      -47.3

                          L          I          0.0        0.0
  -156.9        0.0        0.0      531.0     -531.0
                                     J          0.0        0.0
  -156.9        0.0        0.0        0.0       0.0

                          W-LO       I          0.0
3.4        0.0       -1.9        1.9        0.0        0.0
                                     J          0.0       -3.4
     0.0       -1.9        1.9        0.0        0.0

                          W-TR       I         45.7
0.0        0.0        0.0        0.0      328.0     -328.0
                                     J         45.7        0.0
     0.0        0.0        0.0      328.0     -328.0

                          WL         I        5.2        0.0
     0.0        0.0        0.0       66.1      -66.1
                                     J        5.2        0.0
     0.0        0.0        0.0       66.1      -66.1

     9          1          4         D          I      -1591.1
0.0        0.0        0.0        0.0     -300.8     300.8
                                     J      -1782.2
0.0        0.0        0.0        0.0     -300.8     300.8

                          L          I      -202.4        0.0
     0.0        0.0        0.0     -338.9     338.9
                                     J                -202.4
0.0        0.0        0.0        0.0     -338.9     338.9

                          W-LO       I          0.0
3.3        0.0       -8.6        8.6        0.0        0.0
                                     J          0.0       -3.3
     0.0       -8.6        8.6        0.0        0.0

                          W-TR       I          0.0
0.0      -143.5        0.0        0.0    -1502.9    1502.9
                                     J          0.0        0.0
  -150.1        0.0        0.0    -3790.3    3790.3

                          WL         I          0.0        0.0
   -15.6        0.0        0.0     -249.4     249.4
                                     J          0.0        0.0
   -15.6        0.0        0.0     -491.9     491.9

    10          1          1         D          I          0.0
0.0       -58.8        0.0        0.0       93.2      -93.2
                                     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-LO       I          0.0
2.1        0.0       -0.8        0.8        0.0        0.0
                                     J          0.0       -2.1
     0.0       -0.8        0.8        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
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BEAM ELEMENT STRESSES MIN/MAX SUMMARY BY PROPERTY PRINTOUT Unit System : kN , m

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[SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.021 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
1	AXL	D	1	J	0.0	0.0	58.8	0.0	0.0	93.2	-93.2
1	SHY	W-LO	1	I	0.0	2.1	0.0	-0.8	0.8	0.0	0.0
1	SHZ	D	1	J	0.0	0.0	58.8	0.0	0.0	93.2	-93.2
1	BY+	D	1	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	BY-	W-LO	1	I	0.0	2.1	0.0	-0.8	0.8	0.0	0.0
1	BZ+	D	1	J	0.0	0.0	58.8	0.0	0.0	93.2	-93.2
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	-6.0	0.0	0.0	0.0	0.0	0.0	0.0
1	SHY	W-LO	1	J	0.0	-2.1	0.0	-0.8	0.8	0.0	0.0
10	SHZ	D	1	I	0.0	0.0	-58.8	0.0	0.0	93.2	-93.2
1	BY+	W-LO	1	I	0.0	2.1	0.0	-0.8	0.8	0.0	0.0
1	BY-	W-TR	1	I	-6.0	0.0	0.0	0.0	0.0	0.0	0.0
1	BZ+	W-TR	1	I	-6.0	0.0	0.0	0.0	0.0	0.0	0.0
1	BZ-	D	1	J	0.0	0.0	58.8	0.0	0.0	93.2	-93.2

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.836 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
7	AXL	W-TR	1	I	45.7	0.0	0.0	0.0	328.0	-328.0
2	SHY	W-LO	1	I	0.0	3.4	0.0	-1.9	1.9	0.0	0.0
2	SHZ	D	1	J	0.0	0.0	965.2	0.0	0.0	3165.1	-3165.1
7	BY+	W-TR	1	I	45.7	0.0	0.0	0.0	0.0	328.0	-328.0
7	BY-	W-LO	1	J	0.0	-3.4	0.0	-1.9	1.9	0.0	0.0
7	BZ+	D	1	I	0.0	0.0	-1003.8	0.0	0.0	3295.8	-3295.8
2	BZ-	W-TR	1	I	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
2	AXL	W-TR	1	I	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0
2	SHY	W-LO	1	J	0.0	-3.4	0.0	-1.9	1.9	0.0	0.0
7	SHZ	D	1	I	0.0	0.0	-1003.8	0.0	0.0	3295.8	-3295.8
7	BY+	W-LO	1	J	0.0	-3.4	0.0	-1.9	1.9	0.0	0.0
2	BY-	W-TR	1	I	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0
2	BZ+	W-TR	1	I	-50.1	0.0	0.0	0.0	0.0	-328.0	328.0
7	BZ-	D	1	I	0.0	0.0	-1003.8	0.0	0.0	3295.8	-3295.8

[SECTION NAME : 코핑3 , SECTION ID : 3 , SECTION SHAPE : SB]
[SECTION SIZE] H:4 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
5	AXL	W-TR	1	J	32.4	0.0	0.0	0.0	0.0	164.9	-164.9
4	SHY	W-LO	1	I	0.0	1.0	0.0	-0.2	0.2	0.0	0.0
4	SHZ	D	1	J	0.0	0.0	739.5	0.0	0.0	2658.8	-2658.8
5	BY+	W-TR	1	I	32.4	0.0	0.0	0.0	0.0	164.9	-164.9
4	BY-	W-LO	1	I	0.0	1.0	0.0	-0.2	0.2	0.0	0.0
5	BZ+	D	1	I	0.0	0.0	-766.8	0.0	0.0	2765.6	-2765.6
3	BZ-	W-TR	1	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
3	AXL	W-TR	1	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
4	SHY	W-LO	1	J	0.0	-1.0	0.0	-0.2	0.2	0.0	0.0
5	SHZ	D	1	I	0.0	0.0	-766.8	0.0	0.0	2765.6	-2765.6
4	BY+	W-LO	1	I	0.0	1.0	0.0	-0.2	0.2	0.0	0.0
4	BY-	W-TR	1	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
4	BZ+	W-TR	1	I	-35.5	0.0	0.0	0.0	0.0	-164.9	164.9
5	BZ-	D	1	I	0.0	0.0	-766.8	0.0	0.0	2765.6	-2765.6

[SECTION NAME : 기둥 , SECTION ID : 4 , SECTION SHAPE : SR]
[SECTION SIZE] D:3
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
9	AXL	W-TR	1	J	0.0	0.0	-150.1	0.0	0.0	-3790.3	3790.3
9	SHY	W-LO	1	I	0.0	3.3	0.0	-8.6	8.6	0.0	0.0
9	SHZ	D	1	I	-1591.1	0.0	0.0	0.0	0.0	-300.8	300.8
9	BY+	W-TR	1	I	0.0	0.0	-143.5	0.0	0.0	-1502.9	1502.9
9	BY-	W-LO	1	I	0.0	3.3	0.0	-8.6	8.6	0.0	0.0
9	BZ+	W-LO	1	I	0.0	3.3	0.0	-8.6	8.6	0.0	0.0
9	BZ-	W-TR	1	J	0.0	0.0	-150.1	0.0	0.0	-3790.3	3790.3

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
9	AXL	D	1	J	-1782.2	0.0	0.0	0.0	0.0	-300.8	300.8
9	SHY	W-LO	1	J	0.0	-3.3	0.0	-8.6	8.6	0.0	0.0
9	SHZ	W-TR	1	J	0.0	0.0	-150.1	0.0	0.0	-3790.3	3790.3
9	BY+	W-LO	1	I	0.0	3.3	0.0	-8.6	8.6	0.0	0.0
9	BY-	D	1	J	-1782.2	0.0	0.0	0.0	0.0	-300.8	300.8
9	BZ+	W-TR	1	J	0.0	0.0	-150.1	0.0	0.0	-3790.3	3790.3
9	BZ-	W-LO	1	I	0.0	3.3	0.0	-8.6	8.6	0.0	0.0