

■ 청도IC1교 부산방향(P1) 하부 output

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

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

ABBREVIATION TYPE	DESCRIPTION	FULL	NAME
-	-	-	-
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 DESCRIPTION DETAIL TYPE	CASE	ANAL.TYPE STATIC LOAD CASE
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 SHEAR-y MOMENT-z	MAT	SEC SHEAR-z	LC TORSION	PT	AXIAL MOMENT-y
0.0	1	1	D	I	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	214.9	0.0	-220.3	0.0	0.0
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	W-TR	I	-28.4
0.0	0.0	0.0	J	0.0	-28.4
0.0	0.0	0.0	WL	I	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	W-LO	I	0.0
-23.6	0.0	0.0	J	24.2	0.0
0.0	2	1	D	I	0.0
0.0	5368.1	0.0	-220.3	0.0	0.0
0.0	5633.3	0.0	-12596.8	0.0	0.0
0.0	642.8	0.0	L	I	0.0
0.0	642.8	0.0	J	0.0	0.0
0.0	642.8	0.0	-1446.2	0.0	0.0

0.0	0.0	0.0	W-TR	I	-332.6
0.0	0.0	0.0	962.4	J	-332.6
0.0	0.0	0.0	962.4	0.0	0.0
0.0	0.0	0.0	WL	I	-37.5
0.0	0.0	0.0	210.7	J	-37.5
0.0	0.0	0.0	210.7	0.0	0.0
-23.6	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	24.2	0.0
-52.1	0.0	0.0	0.0	0.0	109.5
0.0	3	1	D	I	0.0
0.0	5633.3	0.0	-12596.8	J	0.0
0.0	5942.2	0.0	-21278.3	0.0	0.0
0.0	642.8	0.0	L	I	0.0
0.0	642.8	0.0	-1446.2	J	0.0
0.0	642.8	0.0	-2410.4	0.0	0.0
0.0	0.0	0.0	W-TR	I	-332.6
0.0	0.0	0.0	962.4	J	-332.6
0.0	0.0	0.0	962.4	0.0	0.0
0.0	0.0	0.0	WL	I	-37.5
0.0	0.0	0.0	210.7	J	-37.5
0.0	0.0	0.0	210.7	0.0	0.0
-52.1	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	109.5	0.0
-77.4	0.0	0.0	0.0	0.0	206.6
0.0	4	1	D	I	0.0
0.0	-5599.6	0.0	-19031.4	J	0.0
0.0	-5290.7	0.0	-10863.6	0.0	0.0
0.0	-814.8	0.0	L	I	0.0
0.0	-814.8	0.0	-2892.4	J	0.0
0.0	-814.8	0.0	-1670.3	0.0	0.0
0.0	0.0	0.0	W-TR	I	304.3
0.0	0.0	0.0	-962.4	J	0.0
0.0	0.0	0.0	-962.4	0.0	304.3
0.0	0.0	0.0	WL	I	37.5
0.0	0.0	0.0	-210.7	J	0.0
0.0	0.0	0.0	-210.7	0.0	37.5
77.2	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	205.8	0.0
51.9	0.0	0.0	0.0	0.0	109.0
0.0	5	1	D	I	0.0
0.0	-5290.7	0.0	-10863.6	J	0.0
0.0	-5049.1	0.0	-265.3	0.0	0.0
0.0	-814.8	0.0	L	I	0.0
0.0	-814.8	0.0	-1670.3	J	0.0
0.0	-814.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	W-TR	I	304.3
0.0	0.0	0.0	-962.4	J	0.0
0.0	0.0	0.0	-962.4	0.0	304.3
0.0	0.0	0.0	WL	I	37.5
0.0	0.0	0.0	-210.7	J	0.0
0.0	0.0	0.0	-210.7	0.0	37.5
51.9	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	109.0	0.0
25.9	0.0	0.0	0.0	0.0	29.2
0.0	6	1	D	I	0.0
0.0	-235.9	0.0	-265.3	J	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	-1670.3	J	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	W-TR	I	304.3
0.0	0.0	0.0	-962.4	J	0.0
0.0	0.0	0.0	-962.4	0.0	304.3
0.0	0.0	0.0	WL	I	37.5
0.0	0.0	0.0	-210.7	J	0.0
0.0	0.0	0.0	-210.7	0.0	37.5
51.9	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	109.0	0.0
25.9	0.0	0.0	0.0	0.0	29.2
0.0	6	1	D	I	0.0
0.0	-235.9	0.0	-265.3	J	0.0
0.0	0.0	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
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	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
0.0	0.0	0.0	0.0	0.0	0.0
25.9	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	29.2	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	7	1	D	I	-11541.8
0.0	-0.0	0.0	-2247.0	J	0.0
0.0	-0.0	0.0	-2247.0	0.0	-13799.0
0.0	0.0	0.0	L	I	-1457.5
0.0	0.0	0.0	482.0	J	0.0
0.0	0.0	0.0	482.0	0.0	-1457.5
0.0	-636.9	0.0	W-TR	I	0.0
0.0	-695.5	0.0	2880.2	J	0.0
0.0	-695.5	0.0	11557.5	0.0	0.0
0.0	-75.0	0.0	WL	I	0.0
0.0	-75.0	0.0	533.8	J	0.0
0.0	-75.0	0.0	1510.7	0.0	0.0
-154.6	0.0	0.0	W-LO	I	0.0
0.0	-0.8	0.0	J	231.9	0.0
-213.2	0.0	-0.8	0.0	0.0	2627.7

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:1.527 B:2.8
** MAX

ELEM SHEAR-y MOMENT-z	COM	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
-235.9	6 AXL	D	I	0.0
0.0	6 SHY	W-LO	I	0.0
0.0	1 SHZ	D	J	29.2
214.9	6 TOR	D	I	0.0
-235.9	1 MTY	W-TR	I	0.0
0.0	6 MTZ	W-LO	I	29.2

** MIN

ELEM SHEAR-y MOMENT-z	COM	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
0.0	1 AXL	W-TR	I	-28.4
0.0	1 SHY	W-LO	J	0.0
0.0	6 SHZ	D	I	24.2
-235.9	6 TOR	D	I	0.0
-235.9	6 MTY	D	I	0.0
-235.9	1 MTZ	W-TR	I	-28.4

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION
SHAPE : SB]
[SECTION SIZE] H:1.717 B:2.8
** MAX

ELEM	COM	LC	PT	AXIAL
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SHEAR-y MOMENT-z	SHEAR-z LENGTH	TORSION	MOMENT-y
5 AXL	W-TR	1	304.3
0.0	0.0	-962.4	2.05
5 SHY	W-LO	1	0.0
0.0	0.0	0.0	109.0
2 SHZ	D	1	0.0
5633.3	0.0	-12596.8	0.0
2 TOR	D	1	0.0
5633.3	0.0	-12596.8	0.0
2 MTY	W-TR	1	-332.6
0.0	0.0	962.4	2.25
2 MTZ	W-LO	1	0.0
0.0	0.0	0.0	109.5

** MIN

ELEM COM SHEAR-y MOMENT-z	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
2 AXL	W-TR	1	-332.6
0.0	0.0	962.4	2.25
2 SHY	W-LO	1	0.0
0.0	0.0	0.0	109.5
5 SHZ	D	1	0.0
-5290.7	0.0	-10863.6	0.0
2 TOR	D	1	0.0
5633.3	0.0	-12596.8	0.0
2 MTY	D	1	0.0
5633.3	0.0	-12596.8	0.0
2 MTZ	W-TR	1	-332.6
0.0	0.0	962.4	2.25

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

ELEM COM SHEAR-y MOMENT-z	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
4 AXL	W-TR	1	304.3
0.0	0.0	-962.4	1.50
4 SHY	W-LO	1	0.0
0.0	0.0	0.0	205.8
3 SHZ	D	1	0.0
5942.2	0.0	-21278.3	0.0
3 TOR	D	1	0.0
5942.2	0.0	-21278.3	0.0
3 MTY	W-TR	1	-332.6
0.0	0.0	962.4	1.50
3 MTZ	W-LO	1	0.0
0.0	0.0	0.0	206.6

** MIN

ELEM COM SHEAR-y MOMENT-z	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
3 AXL	W-TR	1	-332.6
0.0	0.0	962.4	1.50
3 SHY	W-LO	1	0.0
0.0	0.0	0.0	206.6
4 SHZ	D	1	0.0
-5599.6	0.0	-19031.4	0.0
3 TOR	D	1	0.0
5942.2	0.0	-21278.3	0.0
3 MTY	D	1	0.0
5942.2	0.0	-21278.3	0.0
3 MTZ	W-TR	1	-332.6
0.0	0.0	962.4	1.50

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

ELEM COM SHEAR-y MOMENT-z	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
7 AXL	W-TR	1	0.0
-695.5	0.0	11557.5	13.03
7 SHY	D	1	-11541.8
-0.0	0.0	-2247.0	13.03
7 SHZ	W-LO	1	0.0

0.0	-0.8	0.0	231.9	13.03
7 TOR	W-TR	1	J	0.0
-695.5	0.0	11557.5	J	0.0
7 MTY	W-TR	1	J	0.0
-695.5	0.0	11557.5	J	0.0
7 MTZ	W-LO	1	J	0.0
0.0	-0.8	0.0	2627.7	13.03

** MIN

ELEM COM SHEAR-y MOMENT-z	LC SHEAR-z LENGTH	PT TORSION	AXIAL MOMENT-y
7 AXL	D	1	-13799.0
-0.0	0.0	-2247.0	0.0
7 SHY	W-LO	1	J
0.0	-0.8	0.0	2627.7
7 SHZ	W-TR	1	J
-695.5	0.0	11557.5	0.0
7 TOR	W-LO	1	J
0.0	-0.8	0.0	2627.7
7 MTY	D	1	J
-0.0	0.0	-2247.0	0.0
7 MTZ	D	1	J
-0.0	0.0	-2247.0	0.0

BEAM ELEMENT STRESSES DEFAULT PRINTOUT
Unit System : kN , m

ELEM MAT SEC LC PT AXIAL
SHEAR-y SHEAR-z (+y)-BENDING-(-y)

1	1	1	D	I	0.0
0.0	0.0	0.0	J	0.0	0.0
75.4	0.0	0.0	202.4	-202.4	0.0
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	W-TR	I	-6.6
0.0	0.0	0.0	J	-6.6	0.0
0.0	0.0	0.0	W-LO	I	0.0
0.0	0.0	0.0	J	0.0	-8.3
0.0	-12.1	12.1	0.0	0.0	0.0
2	1	2	D	I	0.0
0.0	1674.9	0.0	0.0	160.1	-160.1
1757.6	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	L	I	0.0
200.5	0.0	0.0	J	0.0	0.0
200.5	0.0	0.0	1051.2	-1051.2	0.0
0.0	0.0	0.0	W-TR	I	-69.2
0.0	0.0	0.0	J	-69.2	699.5
0.0	0.0	0.0	-699.5	699.5	0.0
0.0	0.0	0.0	W-LO	I	-7.8
0.0	0.0	0.0	J	-153.1	153.1
0.0	0.0	0.0	-153.1	153.1	0.0
-7.4	0.0	-10.8	10.8	0.0	0.0
0.0	-48.8	48.8	J	0.0	-16.3
3	1	3	D	I	0.0
0.0	1005.9	0.0	0.0	2999.2	-2999.2
1061.1	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	L	I	0.0
114.8	0.0	0.0	J	344.3	-344.3
114.8	0.0	0.0	573.9	-573.9	0.0
0.0	0.0	0.0	W-TR	I	-39.6

0.0	0.0	0.0	0.0	-229.1	229.1
0.0	0.0	0.0	0.0	J	-39.6
0.0	0.0	0.0	0.0	-229.1	229.1
0.0	0.0	0.0	WL	I	-4.5
0.0	0.0	0.0	J	-50.2	50.2
0.0	0.0	0.0	J	-4.5	0.0
0.0	0.0	0.0	0.0	-50.2	50.2
-9.3	0.0	-27.9	W-LO	I	0.0
0.0	-52.7	52.7	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-13.8
4	1	3	D	I	0.0
0.0	-999.9	0.0	0.0	4531.3	-4531.3
-944.8	0.0	0.0	J	0.0	0.0
-145.5	0.0	0.0	L	I	0.0
-145.5	0.0	0.0	J	688.7	-688.7
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	W-TR	I	36.2
0.0	0.0	0.0	0.0	229.1	-229.1
0.0	0.0	0.0	J	36.2	0.0
0.0	0.0	0.0	229.1	-229.1	0.0
0.0	0.0	0.0	WL	I	4.5
0.0	0.0	0.0	J	50.2	-50.2
0.0	0.0	0.0	J	4.5	0.0
0.0	0.0	0.0	50.2	-50.2	0.0
13.8	0.0	-52.5	W-LO	I	0.0
0.0	-27.8	27.8	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	9.3
5	1	2	D	I	0.0
0.0	-1650.7	0.0	0.0	7896.4	-7896.4
-1575.3	0.0	0.0	J	0.0	0.0
-1575.3	0.0	0.0	192.9	-192.9	0.0
-254.2	0.0	0.0	L	I	0.0
-254.2	0.0	0.0	J	1214.1	-1214.1
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	W-TR	I	63.3
0.0	0.0	0.0	0.0	699.5	-699.5
0.0	0.0	0.0	J	63.3	0.0
0.0	0.0	0.0	699.5	-699.5	0.0
0.0	0.0	0.0	WL	I	7.8
0.0	0.0	0.0	J	153.1	-153.1
0.0	0.0	0.0	J	7.8	0.0
0.0	0.0	0.0	153.1	-153.1	0.0
16.2	0.0	-48.6	W-LO	I	0.0
0.0	-13.0	13.0	J	48.6	0.0
0.0	0.0	0.0	J	0.0	8.1
0.0	0.0	0.0	0.0	0.0	0.0
6	1	1	D	I	0.0
0.0	-82.7	0.0	0.0	243.8	-243.8
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	J	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	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
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	WL	I	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	J	0.0	0.0
9.1	0.0	-14.6	W-LO	I	0.0
0.0	0.0	0.0	J	14.6	0.0
0.0	0.0	0.0	J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
7	1	4	D	I	-1632.8
0.0	0.0	0.0	0.0	847.7	-847.7
0.0	0.0	0.0	J	847.7	-1952.2
0.0	0.0	0.0	0.0	847.7	-847.7
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	J	-181.9	181.9
0.0	0.0	0.0	J	0.0	-206.2
0.0	0.0	0.0	0.0	-181.9	181.9
0.0	-120.1	0.0	W-TR	I	0.0
-131.2	0.0	0.0	J	-1086.6	1086.6
-131.2	0.0	0.0	J	0.0	0.0
-131.2	0.0	0.0	-4360.1	4360.1	0.0
-14.1	0.0	0.0	WL	I	0.0
0.0	0.0	0.0	J	-201.4	201.4
0.0	0.0	0.0	J	0.0	0.0

-14.1	0.0	0.0	-569.9	569.9
		W-LO	I	0.0
-29.2	0.0	-87.5	87.5	0.0
		J	0.0	-40.2
0.0	-991.3	991.3	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:1.527 B:2.8
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
6 AXL	D	1 I	0.0	0.0
-82.7	0.0	243.8	-243.8	
6 SHY	W-LO	1 I	0.0	9.1
0.0	-14.6	14.6	0.0	
1 SHZ	D	1 J	0.0	0.0
75.4	0.0	202.4	-202.4	
1 BY+	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	
6 BY-	W-LO	1 I	0.0	9.1
0.0	-14.6	14.6	0.0	
6 BZ+	D	1 I	0.0	0.0
-82.7	0.0	243.8	-243.8	
1 BZ-	D	1 I	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	-6.6	0.0
0.0	0.0	0.0	0.0	
1 SHY	W-LO	1 J	0.0	-8.3
0.0	-12.1	12.1	0.0	
6 SHZ	D	1 I	0.0	0.0
-82.7	0.0	243.8	-243.8	
6 BY+	W-LO	1 I	0.0	9.1
0.0	-14.6	14.6	0.0	
1 BY-	W-TR	1 I	-6.6	0.0
0.0	0.0	0.0	0.0	
1 BZ+	W-TR	1 I	-6.6	0.0
0.0	0.0	0.0	0.0	
6 BZ-	D	1 I	0.0	0.0
-82.7	0.0	243.8	-243.8	

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION
SHAPE : SB]
[SECTION SIZE] H:1.717 B:2.8
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
5 AXL	W-TR	1 I	63.3	0.0
0.0	0.0	699.5	-699.5	
5 SHY	W-LO	1 I	0.0	16.2
0.0	-48.6	48.6	0.0	
2 SHZ	D	1 J	0.0	0.0
1757.6	0.0	9156.1	-9156.1	
5 BY+	W-TR	1 I	63.3	0.0
0.0	0.0	699.5	-699.5	
2 BY-	W-LO	1 J	0.0	-16.3
0.0	-48.8	48.8	0.0	
2 BZ+	D	1 J	0.0	0.0
1757.6	0.0	9156.1	-9156.1	
2 BZ-	W-TR	1 I	-69.2	0.0
0.0	0.0	-699.5	699.5	

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
2 AXL	W-TR	1 J	-69.2	0.0
0.0	0.0	-699.5	699.5	

2 SHY	W-LO	1 J	0.0	-16.3
0.0	-48.8	48.8	0.0	
5 SHZ	D	1 I	0.0	0.0
-1650.7	0.0	7896.4	-7896.4	
2 BY+	W-LO	1 J	0.0	-16.3
0.0	-48.8	48.8	0.0	
2 BY-	W-TR	1 I	-69.2	0.0
0.0	0.0	-699.5	699.5	
2 BZ+	W-TR	1 I	-69.2	0.0
0.0	0.0	-699.5	699.5	
2 BZ-	D	1 J	0.0	0.0
1757.6	0.0	9156.1	-9156.1	

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

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
4 AXL	W-TR	1 I	36.2	0.0
0.0	0.0	229.1	-229.1	
4 SHY	W-LO	1 I	0.0	13.8
0.0	-52.5	52.5	0.0	
3 SHZ	D	1 J	0.0	0.0
1061.1	0.0	5066.3	-5066.3	
4 BY+	W-TR	1 I	36.2	0.0
0.0	0.0	229.1	-229.1	
3 BY-	W-LO	1 J	0.0	-13.8
0.0	-52.7	52.7	0.0	
3 BZ+	D	1 J	0.0	0.0
1061.1	0.0	5066.3	-5066.3	
3 BZ-	W-TR	1 I	-39.6	0.0
0.0	0.0	-229.1	229.1	

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
3 AXL	W-TR	1 J	-39.6	0.0
0.0	0.0	-229.1	229.1	
3 SHY	W-LO	1 J	0.0	-13.8
0.0	-52.7	52.7	0.0	
4 SHZ	D	1 I	0.0	0.0
-999.9	0.0	4531.3	-4531.3	
3 BY+	W-LO	1 J	0.0	-13.8
0.0	-52.7	52.7	0.0	
3 BY-	W-TR	1 I	-39.6	0.0
0.0	0.0	-229.1	229.1	
3 BZ+	W-TR	1 I	-39.6	0.0
0.0	0.0	-229.1	229.1	
3 BZ-	D	1 J	0.0	0.0
1061.1	0.0	5066.3	-5066.3	

[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)		
7 AXL	W-TR	1 J	0.0	0.0
-131.2	0.0	-4360.1	4360.1	
7 SHY	D	1 I	-1632.8	0.0
0.0	0.0	847.7	-847.7	
7 SHZ	D	1 I	-1632.8	0.0
0.0	0.0	847.7	-847.7	
7 BY+	W-TR	1 I	0.0	0.0
-120.1	0.0	-1086.6	1086.6	
7 BY-	W-LO	1 J	0.0	-40.2
0.0	-991.3	991.3	0.0	
7 BZ+	D	1 I	-1632.8	0.0
0.0	0.0	847.7	-847.7	
7 BZ-	W-TR	1 J	0.0	0.0
-131.2	0.0	-4360.1	4360.1	

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		
7 AXL	D	1 J	-1952.2	0.0
0.0	0.0	847.7	-847.7	
7 SHY	W-LO	1 J	0.0	-40.2
0.0	-991.3	991.3	0.0	
7 SHZ	W-TR	1 J	0.0	0.0
-131.2	0.0	-4360.1	4360.1	
7 BY+	W-LO	1 J	0.0	-40.2
0.0	-991.3	991.3	0.0	
7 BY-	D	1 J	-1952.2	0.0

0.0	0.0	0.0	847.7	-847.7	
7 BZ+	W-TR	1 J	0.0	0.0	
-131.2	0.0	-4360.1	4360.1		
7 BZ-	D	1 J	-1952.2	0.0	
0.0	0.0	847.7	-847.7		