

■ 남천교 부산방향(P4) 상부 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
L1	User Defined Load (USER)	Static
W-LO	User Defined Load (USER)	Static
W-TR	User Defined Load (USER)	Static
WL	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
1	1	9	D	I	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	6.0	0.0	-0.0	0.0	0.0
0.0	0.0	0.0	L1	I	0.0
0.0	0.0	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
0.0	0.0	0.0	W-TR	I	-39.2
0.0	0.0	0.0	0.0	0.0	-39.2
0.0	0.0	0.0	WL	I	-0.0
0.0	0.0	0.0	0.0	0.0	-0.0
2	1	14	D	I	0.0
0.0	6.0	0.0	-0.0	0.0	0.0
0.0	469.6	0.0	-376.9	0.0	0.0
0.0	-0.0	0.0	L1	I	0.0
0.0	-0.0	0.0	0.0	0.0	0.0

-0.0	0.0	-0.0	W-LO	I	0.0
-70.3	0.0	-0.0	0.0	0.0	55.7
0.0	0.0	0.0	W-TR	I	-39.2
0.0	0.0	0.0	0.0	0.0	-39.2
0.0	0.0	0.0	WL	I	-0.0
0.0	0.0	0.0	0.0	0.0	-0.0
3	1	14	D	I	-21.5
0.0	-1066.3	0.0	-797.2	0.0	-21.5
0.0	-602.7	0.0	525.5	0.0	0.0
0.0	4.2	0.0	L1	I	-0.0
0.0	4.2	0.0	16.2	0.0	-0.0
0.0	4.2	0.0	9.5	0.0	0.0
111.6	0.0	1.2	W-LO	I	59.7
41.3	0.0	1.2	0.0	0.0	-61.5
0.0	1811.4	0.0	W-TR	I	6887.0
0.0	1811.4	0.0	0.0	0.0	4016.0
0.0	224.3	0.0	WL	I	868.5
0.0	224.3	0.0	0.0	0.0	513.0
4	1	10	D	I	-21.5
0.0	-602.7	0.0	525.5	0.0	-21.5
0.0	-138.9	0.0	1076.3	0.0	0.0
0.0	4.2	0.0	L1	I	9.5
0.0	4.2	0.0	2.8	0.0	0.0
41.3	0.0	1.2	W-LO	I	0.0
4.8	0.0	1.2	0.0	0.0	-98.7
0.0	1811.4	0.0	W-TR	I	4016.0
0.0	1811.4	0.0	0.0	0.0	1090.6
0.0	224.3	0.0	WL	I	513.0
0.0	224.3	0.0	0.0	0.0	150.9
5	1	11	D	I	-21.5
0.0	-138.9	0.0	1076.3	0.0	-21.5
0.0	-68.2	0.0	1117.7	0.0	0.0
0.0	4.2	0.0	L1	I	2.8
0.0	4.2	0.0	1.1	0.0	0.0
4.8	0.0	1.2	W-LO	I	0.0
2.6	0.0	1.2	0.0	0.0	-100.2
0.0	1811.4	0.0	W-TR	I	1090.6
0.0	1811.4	0.0	0.0	0.0	366.0
0.0	224.3	0.0	WL	I	150.9
0.0	224.3	0.0	0.0	0.0	61.2
6	1	11	D	I	-21.5
0.0	-68.2	0.0	1117.7	0.0	-21.5
0.0	37.8	0.0	1126.9	0.0	0.0
0.0	4.2	0.0	L1	I	1.1
0.0	4.2	0.0	-1.4	0.0	0.0
2.6	0.0	1.2	W-LO	I	0.0
-2.5	0.0	1.2	0.0	0.0	-100.2
0.0	1811.4	0.0	W-TR	I	366.0

0.0	1811.4	0.0	W-LO	I	0.0
0.0	224.3	0.0	WL	I	61.2
0.0	224.3	0.0	0.0	0.0	-73.4
7	1	11	D	I	-21.5
0.0	37.8	0.0	1126.9	0.0	-21.5
0.0	108.5	0.0	1097.6	0.0	0.0
0.0	4.2	0.0	L1	I	-1.4
0.0	4.2	0.0	0.0	0.0	-3.1
-2.5	0.0	1.2	W-LO	I	0.0
-4.7	0.0	1.2	0.0	0.0	-98.8
0.0	1811.4	0.0	W-TR	I	-720.8
0.0	1811.4	0.0	0.0	0.0	-1445.3
0.0	224.3	0.0	WL	I	-73.4
0.0	224.3	0.0	0.0	0.0	-163.1
8	1	12	D	I	-21.5
0.0	108.5	0.0	1097.6	0.0	-21.5
0.0	631.9	0.0	563.9	0.0	0.0
0.0	4.2	0.0	L1	I	-3.1
0.0	4.2	0.0	0.0	0.0	-9.8
-4.7	0.0	1.2	W-LO	I	0.0
-41.2	0.0	1.2	0.0	0.0	-61.7
0.0	1811.4	0.0	W-TR	I	-1445.3
0.0	1811.4	0.0	0.0	0.0	-4370.7
0.0	224.3	0.0	WL	I	-163.1
0.0	224.3	0.0	0.0	0.0	-525.3
9	1	15	D	I	-21.5
0.0	631.9	0.0	563.9	0.0	-21.5
0.0	1136.7	0.0	-837.7	0.0	0.0
0.0	4.2	0.0	L1	I	-9.8
0.0	4.2	0.0	0.0	0.0	-16.4
-41.2	0.0	1.2	W-LO	I	0.0
-111.5	0.0	1.2	0.0	0.0	59.3
0.0	1811.4	0.0	W-TR	I	-4370.7
0.0	1811.4	0.0	0.0	0.0	-7241.7
0.0	224.3	0.0	WL	I	-525.3
0.0	224.3	0.0	0.0	0.0	-880.7
10	1	15	D	I	-21.5
0.0	-511.9	0.0	-411.3	0.0	0.0
0.0	-7.1	0.0	-0.1	0.0	0.0
0.0	0.0	0.0	L1	I	-0.0
0.0	0.0	0.0	0.0	0.0	0.0
70.3	0.0	-0.0	W-LO	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	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

11	1	13	D	I	0.0
0.0	-7.1	0.0	-0.1	J	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	L1	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	W-LO	I	0.0
-0.0	0.0	-0.0	0.0	J	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	WL	I	0.0
0.0	0.0	0.0	0.0	J	0.0
12	2	16	D	I	-6108.4
0.0	21.5	0.0	383.6	J	-12184.4
0.0	21.5	0.0	-212.4	0.0	0.0
0.0	0.0	0.0	L1	I	-778.7
0.0	0.0	0.0	-16.2	J	-778.7
0.0	0.0	0.0	-16.4	0.0	0.0
-182.0	0.0	4.0	W-LO	I	309.9
-182.0	0.0	4.0	0.0	J	5363.7
0.0	-359.1	0.0	W-TR	I	1811.4
0.0	-575.7	0.0	-5455.0	J	1811.4
0.0	-40.9	0.0	7527.7	0.0	224.3
0.0	-40.9	0.0	WL	I	224.3
0.0	-40.9	0.0	-500.9	J	0.0
0.0	-40.9	0.0	636.3	0.0	0.0
13	2	16	D	I	-6085.9
0.0	-21.5	0.0	-388.1	J	-12161.9
0.0	-21.5	0.0	206.3	0.0	0.0
0.0	-0.0	0.0	L1	I	-633.6
0.0	-0.0	0.0	-16.4	J	-633.6
0.0	-0.0	0.0	-16.2	0.0	0.0
-181.8	0.0	-3.6	W-LO	I	325.8
-181.8	0.0	-3.6	0.0	J	5362.8
0.0	-413.7	0.0	W-TR	I	-1811.4
0.0	-521.8	0.0	-5680.3	J	-1811.4
0.0	-41.6	0.0	7276.4	0.0	-224.3
0.0	-41.6	0.0	WL	I	-224.3
0.0	-41.6	0.0	-509.0	J	-224.3
0.0	-41.6	0.0	642.1	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 : TAP1 , SECTION ID : 9]

** MAX	ELEM COM	LC	PT	AXIAL
	SHEAR-y	SHEAR-z	TORSION	MOMENT-y
	MOMENT-z	LENGTH		
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1 AXL	D	1	J	0.0	0.0
6.0	0.0	-0.0	1	0.0	0.01
1 SHY	D	1	I	0.0	0.0
0.0	0.0	0.0	1	0.0	0.01
1 SHZ	D	1	J	0.0	0.0
6.0	0.0	-0.0	1	0.0	0.01
1 TOR	D	1	J	0.0	0.0
6.0	0.0	-0.0	1	0.0	0.01
1 MTY	W-TR	1	I	-39.2	0.0
0.0	0.0	0.0	1	0.0	0.01
1 MTZ	W-LO	1	J	0.0	0.0
0.0	0.0	0.0	1	0.0	0.01

** MIN	ELEM COM	LC	PT	AXIAL
	SHEAR-y	SHEAR-z	TORSION	MOMENT-y
	MOMENT-z	LENGTH		
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1 AXL	W-TR	1	I	-39.2	0.0
0.0	0.0	0.0	1	0.0	0.01
1 SHY	W-LO	1	J	0.0	-0.0
0.0	0.0	0.0	1	0.0	0.01
1 SHZ	D	1	I	0.0	0.0
0.0	0.0	0.0	1	0.0	0.01
1 TOR	D	1	J	0.0	0.0
6.0	0.0	-0.0	1	0.0	0.01
1 MTY	D	1	J	0.0	0.0
6.0	0.0	-0.0	1	0.0	0.01
1 MTZ	W-TR	1	I	-39.2	0.0
0.0	0.0	0.0	1	0.0	0.01

[SECTION NAME : TAP2 , SECTION ID : 10]

** MAX	ELEM COM	LC	PT	AXIAL
	SHEAR-y	SHEAR-z	TORSION	MOMENT-y
	MOMENT-z	LENGTH		
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4 AXL	W-LO	1	J	0.0	4.8
0.0	1.2	0.0	-98.7	1.61	
4 SHY	W-LO	1	I	0.0	41.3
0.0	1.2	0.0	-61.5	1.61	
4 SHZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	4016.0	0.0	1.61	
4 TOR	W-LO	1	I	0.0	41.3
0.0	1.2	0.0	-61.5	1.61	
4 MTY	W-TR	1	I	-50.1	0.0
1811.4	0.0	4016.0	0.0	1.61	
4 MTZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	4016.0	0.0	1.61	

** MIN	ELEM COM	LC	PT	AXIAL
	SHEAR-y	SHEAR-z	TORSION	MOMENT-y
	MOMENT-z	LENGTH		
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4 AXL	W-TR	1	I	-50.1	0.0
1811.4	0.0	4016.0	0.0	1.61	
4 SHY	D	1	I	-21.5	0.0
-602.7	0.0	525.5	0.0	1.61	
4 SHZ	D	1	I	-21.5	0.0
-602.7	0.0	525.5	0.0	1.61	
4 TOR	W-TR	1	J	-50.1	0.0
1811.4	0.0	1090.6	0.0	1.61	
4 MTY	W-LO	1	I	0.0	41.3
0.0	1.2	0.0	-61.5	1.61	
4 MTZ	W-LO	1	J	0.0	4.8
0.0	1.2	0.0	-98.7	1.61	

[SECTION NAME : TAP3 , SECTION ID : 11]

** MAX	ELEM COM	LC	PT	AXIAL
	SHEAR-y	SHEAR-z	TORSION	MOMENT-y
	MOMENT-z	LENGTH		
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7 AXL	W-LO	1	I	0.0	-2.5
0.0	1.2	0.0	-100.2	0.40	
5 SHY	W-LO	1	I	0.0	4.8
0.0	1.2	0.0	-98.7	0.40	
5 SHZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	1090.6	0.0	0.40	
5 TOR	W-LO	1	I	0.0	4.8
0.0	1.2	0.0	-98.7	0.40	

7 MTY	D	1	I	-21.5	0.0
37.8	0.0	1126.9	0.0	0.40	
5 MTZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	1090.6	0.0	0.40	

** MIN

ELEM COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH		
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7 AXL	W-TR	1	J	-50.1	0.0
1811.4	0.0	-1445.3	0.0	0.40	
7 SHY	W-LO	1	J	0.0	-4.7
0.0	1.2	0.0	-98.8	0.40	
5 SHZ	D	1	I	-21.5	0.0
-138.9	0.0	1076.3	0.0	0.40	
7 TOR	W-TR	1	J	-50.1	0.0
1811.4	0.0	-1445.3	0.0	0.40	
7 MTY	W-TR	1	J	-50.1	0.0
1811.4	0.0	-1445.3	0.0	0.40	
6 MTZ	W-LO	1	J	0.0	-2.5
0.0	1.2	0.0	-100.2	0.60	

[SECTION NAME : TAP4 , SECTION ID : 12]

** MAX

ELEM COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH		
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8 AXL	W-LO	1	I	0.0	-4.7
0.0	1.2	0.0	-98.8	1.62	
8 SHY	D	1	I	-21.5	0.0
108.5	0.0	1097.6	0.0	1.62	
8 SHZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	-1445.3	0.0	1.62	
8 TOR	W-LO	1	J	0.0	-41.2
0.0	1.2	0.0	-61.7	1.62	
8 MTY	D	1	I	-21.5	0.0
108.5	0.0	1097.6	0.0	1.62	
8 MTZ	W-TR	1	J	-50.1	0.0
1811.4	0.0	-4370.7	0.0	1.62	

** MIN

ELEM COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH		
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8 AXL	W-TR	1	J	-50.1	0.0
1811.4	0.0	-4370.7	0.0	1.62	
8 SHY	W-LO	1	J	0.0	-41.2
0.0	1.2	0.0	-61.7	1.62	
8 SHZ	W-LO	1	I	0.0	-4.7
0.0	1.2	0.0	-98.8	1.62	
8 TOR	W-TR	1	I	-50.1	0.0
1811.4	0.0	-1445.3	0.0	1.62	
8 MTY	W-TR	1	J	-50.1	0.0
1811.4	0.0	-4370.7	0.0	1.62	
8 MTZ	W-LO	1	I	0.0	-4.7
0.0	1.2	0.0	-98.8	1.62	

[SECTION NAME : TAP5 , SECTION ID : 13]

** MAX

ELEM COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH		
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11 AXL	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 SHY	W-LO	1	I	0.0	0.0
0.0	-0.0	0.0	0.0	0.02	
11 SHZ	W-LO	1	I	0.0	0.0
0.0	-0.0	0.0	0.0	0.02	
11 TOR	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 MTY	WL	1	I	0.0	0.0
0.0	0.0	0.0	0.0	0.02	
11 MTZ	W-LO	1	I	0.0	0.0
0.0	-0.0	0.0	0.0	0.02	

** MIN

ELEM COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y
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MOMENT-z	LENGTH				
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11 AXL	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 SHY	W-LO	1	J	0.0	-0.0
0.0	-0.0	0.0	0.0	0.02	
11 SHZ	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 TOR	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 MTY	D	1	I	0.0	0.0
-7.1	0.0	-0.1	0.0	0.02	
11 MTZ	WL	1	I	0.0	0.0
0.0	0.0	0.0	0.0	0.02	

[SECTION NAME : TAP6 , SECTION ID : 14]

** MAX					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
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2 AXL	D	1	J	0.0	0.0
469.6	0.0	-376.9	0.0	1.59	
3 SHY	W-LO	1	I	0.0	111.6
0.0	1.2	0.0	59.7	1.59	
3 SHZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	6887.0	0.0	1.59	
3 TOR	W-LO	1	I	0.0	111.6
0.0	1.2	0.0	59.7	1.59	
3 MTY	W-TR	1	I	-50.1	0.0
1811.4	0.0	6887.0	0.0	1.59	
3 MTZ	W-LO	1	I	0.0	111.6
0.0	1.2	0.0	59.7	1.59	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
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3 AXL	W-TR	1	I	-50.1	0.0
1811.4	0.0	6887.0	0.0	1.59	
2 SHY	W-LO	1	J	0.0	-70.3
0.0	-0.0	0.0	55.7	1.59	
3 SHZ	D	1	I	-21.5	0.0
-1066.3	0.0	-797.2	0.0	1.59	
3 TOR	W-TR	1	J	-50.1	0.0
1811.4	0.0	4016.0	0.0	1.59	
3 MTY	D	1	I	-21.5	0.0
-1066.3	0.0	-797.2	0.0	1.59	
3 MTZ	W-LO	1	J	0.0	41.3
0.0	1.2	0.0	-61.5	1.59	

[SECTION NAME : TAP7 , SECTION ID : 15]

** MAX					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----	---	-----		
10 AXL	W-TR	1	I	0.0	0.0
-0.0	0.0	-0.0	0.0	1.58	
10 SHY	W-LO	1	I	0.0	70.3
0.0	-0.0	0.0	55.7	1.58	
9 SHZ	W-TR	1	I	-50.1	0.0
1811.4	0.0	-4370.7	0.0	1.59	
9 TOR	W-LO	1	J	0.0	-111.5
0.0	1.2	0.0	59.3	1.59	
9 MTY	D	1	I	-21.5	0.0
631.9	0.0	563.9	0.0	1.59	
9 MTZ	W-LO	1	J	0.0	-111.5
0.0	1.2	0.0	59.3	1.59	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----	---	-----		
9 AXL	W-TR	1	J	-50.1	0.0
1811.4	0.0	-7241.7	0.0	1.59	
9 SHY	W-LO	1	J	0.0	-111.5
0.0	1.2	0.0	59.3	1.59	

10 SHZ	D	1	I	0.0	0.0
-511.9	0.0	-411.3	0.0	1.58	
9 TOR	W-TR	1	J	-50.1	0.0
1811.4	0.0	-7241.7	0.0	1.59	
9 MTY	W-TR	1	J	-50.1	0.0
1811.4	0.0	-7241.7	0.0	1.59	
9 MTZ	W-LO	1	I	0.0	-41.2
0.0	1.2	0.0	-61.7	1.59	

[SECTION NAME : TAP8 , SECTION ID : 16]

** MAX					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----	---	-----		
12 AXL	W-TR	1	J	1811.4	0.0
-575.7	0.0	7527.7	0.0	29.49	
12 SHY	D	1	I	-6108.4	0.0
21.5	0.0	383.6	0.0	29.49	
12 SHZ	D	1	I	-6108.4	0.0
21.5	0.0	383.6	0.0	29.49	
12 TOR	W-LO	1	I	0.0	-182.0
0.0	4.0	0.0	309.9	29.49	
12 MTY	W-TR	1	J	1811.4	0.0
-575.7	0.0	7527.7	0.0	29.49	
12 MTZ	W-LO	1	J	0.0	-182.0
0.0	4.0	0.0	5363.7	29.49	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----	---	-----		
12 AXL	D	1	J	-12184.4	0.0
21.5	0.0	-212.4	0.0	29.49	
12 SHY	W-LO	1	I	0.0	-182.0
0.0	4.0	0.0	309.9	29.49	
12 SHZ	W-TR	1	J	1811.4	0.0
-575.7	0.0	7527.7	0.0	29.49	
13 TOR	W-LO	1	I	0.0	-181.8
0.0	-3.6	0.0	325.8	29.49	
13 MTY	W-TR	1	I	-1811.4	0.0
-413.7	0.0	-5680.3	0.0	29.49	
12 MTZ	D	1	J	-12184.4	0.0
21.5	0.0	-212.4	0.0	29.49	

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	9	D	I	0.0
0.0	0.0	0.0	0.0	0.0	0.0
			J	0.0	0.0
0.5	0.0	0.0	0.0	-0.0	0.0
			L1	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	0.0
			W-LO	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	0.0
			W-TR	I	-2.5
0.0	0.0	0.0	0.0	0.0	0.0
			J	-2.5	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	0.0
			2	1	14
0.0	0.0	0.0	0.0	D	I
			J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
			L1	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	0.0
0.0	0.0	0.0	0.0	0.0	0.0
			W-TR	I	-3.3
0.0	0.0	0.0	0.0	0.0	0.0
			J	-3.3	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	0.0
			3	1	14
0.0	0.0	0.0	0.0	D	I
			J	0.0	-1.8
0.0	0.0	0.0	0.0	0.0	0.0
			L1	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	0.0
			W-LO	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	0.0
			W-TR	I	-4.3
0.0	0.0	0.0	0.0	0.0	0.0
			J	-4.3	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	0.0
			4	1	10
0.0	-50.5	0.0	0.0	D	I
			J	-58.7	-1.3
-26.2	0.0	0.0	-406.0	-3.0	58.7
			L1	I	-0.0
0.4	0.0	0.0	-1.1	-1.1	0.0
			J	-0.0	0.0
0.8	0.0	0.0	-1.1	1.1	0.0
			W-LO	I	0.0
3.5	0.0	6.9	-6.9	0.0	0.0
			J	0.0	0.9
0.0	37.2	-37.2	0.0	0.0	0.0
			W-TR	I	-3.1
0.0	151.9	0.0	0.0	-448.9	448.9
			J	-7.1	0.0
341.7	0.0	0.0	-411.4	411.4	0.0
			WL	I	-0.0
0.0	18.8	0.0	0.0	-57.3	57.3
			J	-0.0	0.0
42.3	0.0	0.0	-56.9	56.9	0.0
			5	1	11
0.0	-26.2	0.0	0.0	D	I
			J	-406.0	406.0
-12.9	0.0	0.0	-421.7	-3.0	0.0
			L1	I	-0.0
0.8	0.0	0.0	-1.1	1.1	0.0
			J	-0.0	0.0
0.8	0.0	0.0	-0.4	0.4	0.0
			W-LO	I	0.0
0.9	0.0	37.2	-37.2	0.0	0.0
			J	0.0	0.5
0.0	37.8	-37.8	0.0	0.0	0.0
			W-TR	I	-7.1
0.0	341.7	0.0	0.0	-411.4	411.4
			J	-7.1	0.0
341.7	0.0	0.0	-138.1	138.1	0.0
			WL	I	-0.0
0.0	42.3	0.0	0.0	-56.9	56.9
			J	-0.0	0.0
42.3	0.0	0.0	-23.1	23.1	0.0
			6	1	11
0.0	-12.9	0.0	0.0	D	I
			J	-421.7	421.7
7.1	0.0	0.0	-425.1	-3.0	0.0
			L1	I	-0.0
0.8	0.0	0.0	-0.4	0.4	0.0
			J	-0.0	0.0
0.8	0.0	0.0	0.5	-0.5	0.0
			W-LO	I	0.0
0.5	0.0	37.8	-37.8	0.0	0.0
			J	0.0	-0.5
0.0	37.8	-37.8	0.0	0.0	0.0

			W-TR	I	-7.1	
0.0	341.7	0.0	0.0	-138.1	138.1	0.0
			J	-7.1		
341.7	0.0	0.0	271.9	-271.9		
			WL	I	-0.0	
0.0	42.3	0.0	0.0	-23.1	23.1	0.0
			J	-0.0		
42.3	0.0	0.0	27.7	-27.7		0.0
7	1	11	D	I	-3.0	
0.0	7.1	0.0	0.0	-425.1	425.1	0.0
			J	-3.0		
20.5	0.0	0.0	-414.1	414.1		
			L1	I	-0.0	
0.8	0.0	0.0	0.5	-0.5		0.0
			J	-0.0		
0.8	0.0	0.0	1.2	-1.2		0.0
			W-LO	I	0.0	
-0.5	0.0	37.8	-37.8	0.0	0.0	0.0
			J	0.0		-0.9
0.0	37.3	-37.3	0.0	0.0		
			W-TR	I	-7.1	
0.0	341.7	0.0	0.0	271.9	-271.9	0.0
			J	-7.1		
341.7	0.0	0.0	545.3	-545.3		
			WL	I	-0.0	
0.0	42.3	0.0	0.0	27.7	-27.7	0.0
			J	-0.0		
42.3	0.0	0.0	61.5	-61.5		0.0
8	1	12	D	I	-3.0	
0.0	20.5	0.0	0.0	-414.1	414.1	0.0
			J	-1.1		
44.7	0.0	0.0	-48.8	48.8		
			L1	I	-0.0	
0.8	0.0	0.0	1.2	-1.2		0.0
			J	-0.0		
0.3	0.0	0.0	0.9	-0.9		0.0
			W-LO	I	0.0	
-0.9	0.0	37.3	-37.3	0.0	0.0	0.0
			J	0.0		-2.9
0.0	5.3	-5.3	0.0	0.0		
			W-TR	I	-7.1	
0.0	341.7	0.0	0.0	545.3	-545.3	0.0
			J	-2.7		
128.1	0.0	0.0	378.4	-378.4		
			WL	I	-0.0	
0.0	42.3	0.0	0.0	61.5	-61.5	0.0
			J	-0.0		
15.9	0.0	0.0	45.5	-45.5		0.0
9	1	15	D	I	-1.7	
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			J	-1.7		
0.0	0.0	0.0	0.0	0.0		0.0
			L1	I	-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
			W-LO	I	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
			W-TR	I	-3.9	
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			J	-3.9		
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
			J	-0.0		
0.0	0.0	0.0	0.0	0.0		0.0
10	1	15	D	I	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
			L1	I	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
			W-LO	I	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
			W-TR	I	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
			WL	I	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
11	1	13	D	I	0.0	0.0
0.0	-0.5	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
			L1	I	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
			W-LO	I	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
			W-TR	I	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
12	2	16	D	I	-741.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	-1478.2
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			L1	I	-94.5	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			J	-94.5		
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	0.0	0.0
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-TR	I	219.8	0.0
0.0	0.0	0.0	0.0	0.0	219.8	0.0
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			WL	I	27.2	0.0
0.0	0.0	0.0	0.0	0.0	27.2	0.0
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	2	16	D	I	-738.3	0.0
0.0	0.0	0.0	0.0	0.0	0.0	-1475.5
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			L1	I	-76.9	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			J	-76.9		
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	0.0	0.0
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			W-TR	I	-219.8	0.0
0.0	0.0	0.0	0.0	0.0	0.0	-219.8
			J	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			WL	I	-27.2	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
			J	-27.2		
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

[SECTION NAME : TAP1 , SECTION ID : 9]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
-----	-----	-----	-----	-----	-----
1	AXL	D	1	J	0.0
0.5	0.0	0.0	0.0	-0.0	0.0
1	SHY	D	1	I	0.0

0.0	0.0	0.0	0.0	0.0	0.0
1	SHZ	D	1	J	0.0
0.5	0.0	0.0	0.0	-0.0	0.0
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
0.0	-0.0	0.0	0.0	0.0	-0.0
1	BZ+	D	1	J	0.0
0.5	0.0	0.0	0.0	-0.0	0.0
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	-2.5
0.0	0.0	0.0	0.0	0.0	0.0
1	SHY	W-LO	1	J	0.0
0.0	-0.0	0.0	0.0	0.0	-0.0
1	SHZ	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
0.0	-0.0	0.0	0.0	0.0	-0.0
1	BY-	W-TR	1	I	-2.5
0.0	0.0	0.0	0.0	0.0	0.0
1	BZ+	W-TR	1	I	-2.5
0.0	0.0	0.0	0.0	0.0	0.0
1	BZ-	D	1	J	0.0
0.5	0.0	0.0	0.0	-0.0	0.0

[SECTION NAME : TAP2 , SECTION ID : 10]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
-----	-----	-----	-----	-----	-----
4	AXL	W-LO	1	J	0.0
0.0	37.2	-37.2	0.0	0.0	0.9
4	SHY	W-LO	1	I	0.0
0.0	6.9	-6.9	0.0	0.0	3.5
4	SHZ	W-TR	1	J	-7.1
341.7	0.0	0.0	-411.4	411.4	0.0
4	BY+	W-LO	1	J	0.0
0.0	37.2	-37.2	0.0	0.0	0.9
4	BY-	L1	1	I	-0.0
0.4	0.0	0.0	-1.1	1.1	0.0
4	BZ+	W-LO	1	I	0.0
0.0	6.9	-6.9	0.0	0.0	3.5
4	BZ-	W-TR	1	I	-3.1
151.9	0.0	0.0	-448.9	448.9	0.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
-----	-----	-----	-----	-----	-----
4	AXL	W-TR	1	J	-7.1
341.7	0.0	0.0	-411.4	411.4	0.0
4	SHY	D	1	I	-1.3
-50.5	0.0	0.0	-58.7	58.7	0.0
4	SHZ	D	1	I	-1.3
-50.5	0.0	0.0	-58.7	58.7	0.0
4	BY+	W-TR	1	J	-7.1
341.7	0.0	0.0	-411.4	411.4	0.0
4	BY-	W-LO	1	J	0.0
0.0	37.2	-37.2	0.0	0.0	0.9
4	BZ+	W-TR	1	I	-3.1
151.9	0.0	0.0	-448.9	448.9	0.0
4	BZ-	W-LO	1	I	0.0
0.0	6.9	-6.9	0.0	0.0	3.5

[SECTION NAME : T

5 BY-	L1	1 I	-0.0	0.0
0.8	0.0	0.0	-1.1	1.1
7 BZ+	W-TR	1 J	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
6 BZ-	D	1 J	-3.0	0.0
7.1	0.0	0.0	-425.1	425.1

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

7 AXL	W-TR	1 J	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
7 SHY	W-LO	1 J	0.0	-0.9
0.0	37.3	-37.3	0.0	0.0
5 SHZ	D	1 I	-3.0	0.0
-26.2	0.0	0.0	-406.0	406.0
5 BY+	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	-411.4	411.4
6 BY-	W-LO	1 J	0.0	-0.5
0.0	37.8	-37.8	0.0	0.0
7 BZ+	D	1 I	-3.0	0.0
7.1	0.0	0.0	-425.1	425.1
7 BZ-	W-TR	1 J	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3

[SECTION NAME : TAP4 , SECTION ID : 12]

** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

8 AXL	W-LO	1 I	0.0	-0.9
0.0	37.3	-37.3	0.0	0.0
8 SHY	D	1 I	-3.0	0.0
20.5	0.0	0.0	-414.1	414.1
8 SHZ	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
8 BY+	W-LO	1 I	0.0	-0.9
0.0	37.3	-37.3	0.0	0.0
8 BY-	L1	1 J	-0.0	0.0
0.3	0.0	0.0	0.9	-0.9
8 BZ+	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
8 BZ-	D	1 I	-3.0	0.0
20.5	0.0	0.0	-414.1	414.1

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

8 AXL	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
8 SHY	W-LO	1 J	0.0	-2.9
0.0	5.3	-5.3	0.0	0.0
8 SHZ	W-LO	1 I	0.0	-0.9
0.0	37.3	-37.3	0.0	0.0
8 BY+	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3
8 BY-	W-LO	1 I	0.0	-0.9
0.0	37.3	-37.3	0.0	0.0
8 BZ+	D	1 I	-3.0	0.0
20.5	0.0	0.0	-414.1	414.1
8 BZ-	W-TR	1 I	-7.1	0.0
341.7	0.0	0.0	545.3	-545.3

[SECTION NAME : TAP5 , SECTION ID : 13]

** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

11 AXL	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0
11 SHY	W-LO	1 I	0.0	0.0
0.0	-0.0	0.0	0.0	0.0
11 SHZ	D	1 J	0.0	0.0
0.0	0.0	0.0	0.0	0.0
11 BY+	WL	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
11 BY-	W-LO	1 I	0.0	0.0
0.0	-0.0	0.0	0.0	0.0
11 BZ+	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0
11 BZ-	WL	1 I	0.0	0.0

0.0	0.0	0.0	0.0	0.0

11 AXL	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0
11 SHY	W-LO	1 J	0.0	-0.0
0.0	0.0	0.0	0.0	0.0
11 SHZ	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0
11 BY+	W-LO	1 I	0.0	0.0
0.0	-0.0	0.0	0.0	0.0
11 BY-	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0
11 BZ+	D	1 J	0.0	0.0
0.0	0.0	0.0	0.0	0.0
11 BZ-	D	1 I	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0

[SECTION NAME : TAP6 , SECTION ID : 14]

** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

2 AXL	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 SHY	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 SHZ	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 BY+	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 BY-	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 BZ+	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 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)		

3 AXL	W-TR	1 I	-4.3	0.0
0.0	0.0	0.0	0.0	0.0
2 SHY	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
2 SHZ	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
3 BY+	W-TR	1 I	-4.3	0.0
0.0	0.0	0.0	0.0	0.0
3 BY-	W-TR	1 I	-4.3	0.0
0.0	0.0	0.0	0.0	0.0
3 BZ+	W-TR	1 I	-4.3	0.0
0.0	0.0	0.0	0.0	0.0
3 BZ-	W-TR	1 I	-4.3	0.0
0.0	0.0	0.0	0.0	0.0

[SECTION NAME : TAP7 , SECTION ID : 15]

** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

9 AXL	W-LO	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
9 SHY	D	1 I	-1.7	0.0
0.0	0.0	0.0	0.0	0.0
9 SHZ	D	1 I	-1.7	0.0
0.0	0.0	0.0	0.0	0.0
10 BY+	W-TR	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
10 BY-	W-TR	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
10 BZ+	W-TR	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0
10 BZ-	W-TR	1 I	0.0	0.0
0.0	0.0	0.0	0.0	0.0

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y
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SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

9 AXL	W-TR	1 I	-3.9	0.0
0.0	0.0	0.0	0.0	0.0
9 SHY	D	1 I	-1.7	0.0
0.0	0.0	0.0	0.0	0.0
9 SHZ	D	1 I	-1.7	0.0
0.0	0.0	0.0	0.0	0.0
9 BY+	W-TR	1 I	-3.9	0.0
0.0	0.0	0.0	0.0	0.0
9 BY-	W-TR	1 I	-3.9	0.0
0.0	0.0	0.0	0.0	0.0
9 BZ+	W-TR	1 I	-3.9	0.0
0.0	0.0	0.0	0.0	0.0
9 BZ-	W-TR	1 I	-3.9	0.0
0.0	0.0	0.0	0.0	0.0

[SECTION NAME : TAP8 , SECTION ID : 16]

** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)		

12 AXL	W-TR	1 I	219.8	0.0
0.0	0.0	0.0	0.0	0.0
12 SHY	D	1 I	-741.1	0.0
0.0	0.0	0.0	0.0	0.0
12 SHZ	D	1 I	-741.1	0.0
0.0	0.0	0.0	0.0	0.0
12 BY+	W-TR	1 I	219.8	0.0
0.0	0.0	0.0	0.0	0.0
12 BY-	W-TR	1 I	219.8	0.0
0.0	0.0	0.0	0.0	0.0
12 BZ+	W-TR	1 I	219.8	0.0
0.0	0.0	0.0	0.0	0.0
12 BZ-	W-TR	1 I	219.8	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)		

12 AXL	D	1 J	-1478.2	0.0
0.0	0.0	0.0	0.0	0.0
12 SHY	D	1 I	-741.1	0.0
0.0	0.0	0.0	0.0	0.0
12 SHZ	D	1 I	-741.1	0.0
0.0	0.0	0.0	0.0	0.0
12 BY+	D	1 J	-1478.2	0.0
0.0	0.0	0.0	0.0	0.0
12 BY-	D	1 J	-1478.2	0.0
0.0	0.0	0.0	0.0	0.0
12 BZ+	D	1 J	-1478.2	0.0
0.0	0.0	0.0	0.0	0.0
12 BZ-	D	1 J	-1478.2	0.0
0.0	0.0	0.0	0.0	0.0