

■ 남천교 부산방향(P2) 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	-24.8
0.0	-1066.2	0.0	-826.8	0.0	-24.8
0.0	-602.6	0.0	495.8	0.0	-24.8
0.0	4.2	0.0	L1	I	-0.0
0.0	4.2	0.0	16.4	0.0	-0.0
0.0	4.2	0.0	9.7	0.0	-0.0
111.6	0.0	1.3	W-LO	I	60.1
41.3	0.0	1.3	0.0	0.0	-61.1
0.0	1678.1	0.0	W-TR	I	6387.9
0.0	1678.1	0.0	3728.1	0.0	-48.1
0.0	212.9	0.0	WL	I	824.3
0.0	212.9	0.0	486.8	0.0	-0.3
4	1	10	D	I	-24.8
0.0	-602.6	0.0	495.8	0.0	-24.8
0.0	-138.8	0.0	1046.5	0.0	-0.0
0.0	4.2	0.0	L1	I	9.7
0.0	4.2	0.0	2.8	0.0	-0.0
41.3	0.0	1.3	W-LO	I	0.0
4.8	0.0	1.3	0.0	0.0	-98.4
0.0	1678.1	0.0	W-TR	I	3728.1
0.0	1678.1	0.0	1017.9	0.0	-48.1
0.0	212.9	0.0	WL	I	486.8
0.0	212.9	0.0	142.9	0.0	-0.3
5	1	11	D	I	-24.8
0.0	-138.8	0.0	1046.5	0.0	-24.8
0.0	-68.1	0.0	1087.9	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	1.3	W-LO	I	0.0
2.6	0.0	1.3	0.0	0.0	-99.9
0.0	1678.1	0.0	W-TR	I	1017.9
0.0	1678.1	0.0	346.7	0.0	-48.1
0.0	212.9	0.0	WL	I	142.9
0.0	212.9	0.0	57.8	0.0	-0.3
6	1	11	D	I	-24.8
0.0	-68.1	0.0	1087.9	0.0	-24.8
0.0	37.9	0.0	1096.9	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	1.3	W-LO	I	0.0
-2.5	0.0	1.3	0.0	0.0	-99.9
0.0	1678.1	0.0	W-TR	I	346.7
0.0	1678.1	0.0	-660.2	0.0	-48.1
0.0	212.9	0.0	WL	I	57.8
0.0	212.9	0.0	-70.0	0.0	-0.3
7	1	11	D	I	-24.8
0.0	37.9	0.0	1096.9	0.0	-24.8
0.0	108.6	0.0	1067.6	0.0	-0.0
0.0	4.2	0.0	L1	I	-1.4
0.0	4.2	0.0	-3.1	0.0	-0.0
-2.5	0.0	1.3	W-LO	I	0.0
-4.7	0.0	1.3	0.0	0.0	-98.5
0.0	1678.1	0.0	W-TR	I	-660.2
0.0	1678.1	0.0	-1331.5	0.0	-48.1
0.0	212.9	0.0	WL	I	-70.0
0.0	212.9	0.0	-155.2	0.0	-0.3
8	1	12	D	I	-24.8
0.0	108.6	0.0	1067.6	0.0	-24.8
0.0	631.9	0.0	533.7	0.0	-0.0
0.0	4.2	0.0	L1	I	-3.1
0.0	4.2	0.0	-10.0	0.0	-0.0
-4.7	0.0	1.3	W-LO	I	0.0
-41.2	0.0	1.3	0.0	0.0	-61.5
0.0	1678.1	0.0	W-TR	I	-1331.5
0.0	1678.1	0.0	-4041.6	0.0	-48.1
0.0	212.9	0.0	WL	I	-155.2
0.0	212.9	0.0	-499.0	0.0	-0.3
9	1	15	D	I	-24.8
0.0	631.9	0.0	533.7	0.0	-24.8
0.0	1136.8	0.0	-868.0	0.0	-0.0
0.0	4.2	0.0	L1	I	-10.0
0.0	4.2	0.0	-16.7	0.0	-0.0
-41.2	0.0	1.3	W-LO	I	0.0
-111.5	0.0	1.3	0.0	0.0	-61.5
0.0	1678.1	0.0	W-TR	I	-4041.6
0.0	1678.1	0.0	-6701.4	0.0	-48.1
0.0	212.9	0.0	WL	I	-499.0
0.0	212.9	0.0	-836.5	0.0	-0.3
10	1	15	D	I	0.0
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	55.7
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	0.0	0.0
			J		
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
		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
		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
		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
			J		
12	2	16	D	I	-6023.6
0.0	24.8	0.0	407.4	0.0	-11639.6
			J		
0.0	24.8	0.0	-227.1	0.0	-781.0
		L1		I	-781.0
0.0	0.0	0.0	-16.4	0.0	-781.0
			J		
0.0	0.0	0.0	-16.6	0.0	0.0
		W-LO		I	0.0
-195.3	0.0	4.4	0.0	321.3	0.0
			J		
-394.5	0.0	4.4	0.0	7854.4	0.0
		W-TR		I	1678.1
0.0	-361.1	0.0	-4952.4	0.0	1678.1
			J		
0.0	-560.4	0.0	6816.7	0.0	212.9
		WL		I	212.9
0.0	-40.9	0.0	-456.8	0.0	212.9
			J		
0.0	-40.9	0.0	588.4	0.0	0.0
			J		
13	2	16	D	I	-5999.1
0.0	-24.8	0.0	-412.3	0.0	-11615.1
			J		
0.0	-24.8	0.0	220.4	0.0	-634.4
		L1		I	-634.4
0.0	-0.0	0.0	-16.7	0.0	-634.4
			J		
0.0	-0.0	0.0	-16.5	0.0	0.0
		W-LO		I	0.0
-195.8	0.0	-3.8	0.0	338.3	0.0
			J		
-394.4	0.0	-3.8	0.0	7853.4	0.0
		W-TR		I	-1678.1
0.0	-411.7	0.0	-5143.7	0.0	-1678.1
			J		
0.0	-511.0	0.0	6606.3	0.0	-212.9
		WL		I	-212.9
0.0	-41.6	0.0	-464.8	0.0	-212.9
			J		
0.0	-41.6	0.0	594.2	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	J	-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	W-LO	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	1.3	0.0	-98.4	1.61	
4 SHY	W-LO	1	I	0.0	41.3
0.0	1.3	0.0	-61.1	1.61	
4 SHZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	3728.1	1	0.0	1.61
4 TOR	W-LO	1	I	0.0	41.3
0.0	1.3	0.0	-61.1	1.61	
4 MTY	W-TR	1	I	-48.1	0.0
1678.1	0.0	3728.1	1	0.0	1.61
4 MTZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	3728.1	1	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	-48.1	0.0
1678.1	0.0	3728.1	1	0.0	1.61
4 SHY	D	1	I	-24.8	0.0
-602.6	0.0	495.8	1	0.0	1.61
4 SHZ	D	1	I	-24.8	0.0
-602.6	0.0	495.8	1	0.0	1.61
4 TOR	W-TR	1	J	-48.1	0.0
1678.1	0.0	1017.9	1	0.0	1.61
4 MTY	W-LO	1	I	0.0	41.3
0.0	1.3	0.0	-61.1	1.61	
4 MTZ	W-LO	1	J	0.0	4.8
0.0	1.3	0.0	-98.4	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	1.3	0.0	-99.9	0.40	
5 SHY	W-LO	1	I	0.0	4.8
0.0	1.3	0.0	-98.4	0.40	
5 SHZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	1017.9	1	0.0	0.40
5 TOR	W-LO	1	I	0.0	4.8
0.0	1.3	0.0	-98.4	0.40	

6 MTY	D	1	J	-24.8	0.0
37.9	0.0	1096.9	1	0.0	0.60
5 MTZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	1017.9	1	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	-48.1	0.0
1678.1	0.0	-1331.5	1	0.0	0.40
7 SHY	W-LO	1	J	0.0	-4.7
0.0	1.3	0.0	-98.5	0.40	
5 SHZ	D	1	I	-24.8	0.0
-138.8	0.0	1046.5	1	0.0	0.40
5 TOR	W-TR	1	J	-48.1	0.0
1678.1	0.0	346.7	1	0.0	0.40
7 MTY	W-TR	1	J	-48.1	0.0
1678.1	0.0	-1331.5	1	0.0	0.40
6 MTZ	W-LO	1	J	0.0	-2.5
0.0	1.3	0.0	-99.9	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	1.3	0.0	-98.5	1.62	
8 SHY	D	1	I	-24.8	0.0
108.6	0.0	1067.6	1	0.0	1.62
8 SHZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	-1331.5	1	0.0	1.62
8 TOR	W-LO	1	J	0.0	-41.2
0.0	1.3	0.0	-61.5	1.62	
8 MTY	D	1	I	-24.8	0.0
108.6	0.0	1067.6	1	0.0	1.62
8 MTZ	W-TR	1	J	-48.1	0.0
1678.1	0.0	-4041.6	1	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	-48.1	0.0
1678.1	0.0	-4041.6	1	0.0	1.62
8 SHY	W-LO	1	J	0.0	-41.2
0.0	1.3	0.0	-61.5	1.62	
8 SHZ	W-LO	1	I	0.0	-4.7
0.0	1.3	0.0	-98.5	1.62	
8 TOR	W-TR	1	J	-48.1	0.0
1678.1	0.0	-4041.6	1	0.0	1.62
8 MTY	W-TR	1	J	-48.1	0.0
1678.1	0.0	-4041.6	1	0.0	1.62
8 MTZ	W-LO	1	I	0.0	-4.7
0.0	1.3	0.0	-98.5	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	W-TR	1	I	0.0	0.0
0.0	0.0	0.0	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	W-TR	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	
MOMENT-z	LENGTH				
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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	W-TR	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	1.3	0.0	60.1	1.59	
3 SHZ	W-TR	1	I	-48.1	0.0
1678.1	0.0	6387.9	0.0	1.59	
3 TOR	W-LO	1	I	0.0	111.6
0.0	1.3	0.0	60.1	1.59	
3 MTY	W-TR	1	I	-48.1	0.0
1678.1	0.0	6387.9	0.0	1.59	
3 MTZ	W-LO	1	I	0.0	111.6
0.0	1.3	0.0	60.1	1.59	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----				
3 AXL	W-TR	1	I	-48.1	0.0
1678.1	0.0	6387.9	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	-24.8	0.0
-1066.2	0.0	-826.8	0.0	1.59	
3 TOR	W-TR	1	J	-48.1	0.0
1678.1	0.0	3728.1	0.0	1.59	
3 MTY	D	1	I	-24.8	0.0
-1066.2	0.0	-826.8	0.0	1.59	
3 MTZ	W-LO	1	J	0.0	41.3
0.0	1.3	0.0	-61.1	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	-48.1	0.0
1678.1	0.0	-4041.6	0.0	1.59	
9 TOR	W-LO	1	J	0.0	-111.5
0.0	1.3	0.0	59.6	1.59	
9 MTY	D	1	I	-24.8	0.0
631.9	0.0	533.7	0.0	1.59	
9 MTZ	W-LO	1	J	0.0	-111.5
0.0	1.3	0.0	59.6	1.59	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----				
9 AXL	W-TR	1	J	-48.1	0.0
1678.1	0.0	-6701.4	0.0	1.59	
9 SHY	W-LO	1	J	0.0	-111.5
0.0	1.3	0.0	59.6	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	-48.1	0.0
1678.1	0.0	-6701.4	0.0	1.59	
9 MTY	W-TR	1	J	-48.1	0.0
1678.1	0.0	-6701.4	0.0	1.59	
9 MTZ	W-LO	1	I	0.0	-41.2
0.0	1.3	0.0	-61.5	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	1678.1	0.0
-560.4	0.0	6816.7	0.0	27.25	
12 SHY	D	1	I	-6023.6	0.0
24.8	0.0	407.4	0.0	27.25	
12 SHZ	D	1	I	-6023.6	0.0
24.8	0.0	407.4	0.0	27.25	
12 TOR	W-LO	1	J	0.0	-394.5
0.0	4.4	0.0	7854.4	27.25	
12 MTY	W-TR	1	J	1678.1	0.0
-560.4	0.0	6816.7	0.0	27.25	
12 MTZ	W-LO	1	J	0.0	-394.5
0.0	4.4	0.0	7854.4	27.25	

** MIN					
ELEM COM	LC	PT	AXIAL		
SHEAR-y	SHEAR-z	TORSION	MOMENT-y		
MOMENT-z	LENGTH				
-----	-----				
12 AXL	D	1	J	-11639.6	0.0
24.8	0.0	-227.1	0.0	27.25	
12 SHY	W-LO	1	J	0.0	-394.5
0.0	4.4	0.0	7854.4	27.25	
12 SHZ	W-TR	1	J	1678.1	0.0
-560.4	0.0	6816.7	0.0	27.25	
13 TOR	W-LO	1	J	0.0	-394.4
0.0	-3.8	0.0	7853.4	27.25	
13 MTY	W-TR	1	I	-1678.1	0.0
-411.7	0.0	-5143.7	0.0	27.25	
12 MTZ	D	1	J	-11639.6	0.0
24.8	0.0	-227.1	0.0	27.25	

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	-2.1
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	-4.1
0.0	0.0	0.0	0.0	0.0	0.0
			J	-4.1	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	-55.4	55.4
-26.2	0.0	0.0	-394.8	-3.5	0.0
			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	6.8	-6.8	0.0	0.0
			J	0.0	0.9
0.0	37.1	-37.1	0.0	0.0	0.0
			W-TR	I	-3.0
0.0	140.7	0.0	0.0	-416.7	416.7
			J	-6.8	0.0
316.5	0.0	0.0	-384.0	384.0	0.0
			WL	I	-0.0
0.0	17.9	0.0	0.0	-54.4	54.4
			J	-0.0	0.0
40.2	0.0	0.0	-53.9	53.9	0.0
			5	1	11
0.0	-26.2	0.0	0.0	D	I
			J	-394.8	394.8
-12.9	0.0	0.0	-410.4	-3.5	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	37.1	-37.1	0.0	0.0
			J	0.0	0.5
0.0	37.7	-37.7	0.0	0.0	0.0
			W-TR	I	-6.8
0.0	316.5	0.0	0.0	-384.0	384.0
			J	-6.8	0.0
316.5	0.0	0.0	-130.8	130.8	0.0
			WL	I	-0.0
0.0	40.2	0.0	0.0	-53.9	53.9
			J	-0.0	0.0
40.2	0.0	0.0	-21.8	21.8	0.0
			6	1	11
0.0	-12.9	0.0	0.0	D	I
			J	-410.4	410.4
7.1	0.0	0.0	-413.8	-3.5	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	37.7	-37.7	0.0	0.0
			J	0.0	-0.5
0.0	37.7	-37.7	0.0	0.0	0.0

			W-TR	I	-6.8	
0.0	316.5	0.0	0.0	J	-130.8	130.8
				J	-6.8	0.0
	316.5	0.0	0.0	249.1	-249.1	
			WL	I	-0.0	
0.0	40.2	0.0	0.0	J	-21.8	21.8
				J	-0.0	0.0
	40.2	0.0	0.0	26.4	-26.4	
	7	1	11	D	I	-3.5
0.0	7.1	0.0	0.0	J	-413.8	413.8
				J	-3.5	0.0
	20.5	0.0	0.0	-402.8	402.8	
			L1	I	-0.0	0.0
	0.8	0.0	0.0	0.5	-0.5	
				J	-0.0	0.0
	0.8	0.0	0.0	1.2	-1.2	
			W-LO	I	0.0	
-0.5	0.0	37.7	-37.7	J	0.0	0.0
				J	0.0	-0.9
	0.0	37.2	-37.2	0.0	0.0	
			W-TR	I	-6.8	
0.0	316.5	0.0	0.0	249.1	-249.1	
				J	-6.8	0.0
	316.5	0.0	0.0	502.3	-502.3	
			WL	I	-0.0	
0.0	40.2	0.0	0.0	26.4	-26.4	
				J	-0.0	0.0
	40.2	0.0	0.0	58.5	-58.5	
	8	1	12	D	I	-3.5
0.0	20.5	0.0	0.0	J	-402.8	402.8
				J	-1.3	0.0
	44.7	0.0	0.0	-46.2	46.2	
			L1	I	-0.0	0.0
	0.8	0.0	0.0	1.2	-1.2	
				J	-0.0	0.0
	0.3	0.0	0.0	0.9	-0.9	
			W-LO	I	0.0	
-0.9	0.0	37.2	-37.2	J	0.0	0.0
				J	0.0	-2.9
	0.0	5.3	-5.3	0.0	0.0	
			W-TR	I	-6.8	
0.0	316.5	0.0	0.0	502.3	-502.3	
				J	-2.5	0.0
	118.7	0.0	0.0	349.9	-349.9	
			WL	I	-0.0	
0.0	40.2	0.0	0.0	58.5	-58.5	
				J	-0.0	0.0
	15.1	0.0	0.0	43.2	-43.2	
			D	I	-1.9	
0.0	9	1	15	J	0.0	0.0
				J	-1.9	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	J	0.0	0.0
				J	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-3.8	
0.0	0.0	0.0	0.0	J	0.0	0.0
				J	-3.8	0.0
	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
				J	-0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
			D	I	0.0	
0.0	10	1	15	J	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	
				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	J	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	J	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	0.0	0.0
			D	I	0.0	
11	-0.5	13	0.0	J	0.0	-0.0
				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	J	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	J	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	J	0.0	0.0
				J	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	J	0.0	0.0
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			L1	I	-94.8	
0.0	0.0	0.0	0.0	J	0.0	0.0
				J	-94.8	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
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	203.6	
0.0	0.0	0.0	0.0	J	203.6	0.0
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			WL	I	25.8	
0.0	0.0	0.0	0.0	J	25.8	0.0
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			D	I	-727.8	
0.0	13	2	16	J	0.0	0.0
				J	-1409.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			L1	I	-77.0	
0.0	0.0	0.0	0.0	J	0.0	0.0
				J	-77.0	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
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-203.6	
0.0	0.0	0.0	0.0	J	0.0	0.0
				J	-203.6	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
			WL	I	-25.8	
0.0	0.0	0.0	0.0	J	0.0	0.0
				J	-25.8	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	J	-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	37.1	-37.1	0.0	0.0	0.9
4	SHY	W-LO	1	I	0.0
0.0	6.8	-6.8	0.0	0.0	3.5
4	SHZ	W-TR	1	J	-6.8
316.5	0.0	0.0	-384.0	384.0	0.0
4	BY+	W-LO	1	J	0.0
0.0	37.1	-37.1	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	6.8	-6.8	0.0	0.0	3.5
4	BZ-	W-TR	1	I	-3.0
140.7	0.0	0.0	-416.7	416.7	0.0

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z (+y)-BENDING-(-y) (+z)-BENDING-(-z)					
4	AXL	W-TR	1	J	-6.8
316.5	0.0	0.0	-384.0	384.0	0.0
4	SHY	D	1	I	-1.6
-50.5	0.0	0.0	-55.4	55.4	0.0
4	SHZ	D	1	I	-1.6
-50.5	0.0	0.0	-55.4	55.4	0.0
4	BY+	W-TR	1	J	-6.8
316.5	0.0	0.0	-384.0	384.0	0.0
4	BY-	W-LO	1	J	0.0
0.0	37.1	-37.1	0.0	0.0	0.9
4	BZ+	W-TR	1	I	-3.0
140.7	0.0	0.0	-416.7	416.7	0.0
4	BZ-	W-LO	1	I	0.0
0.0	6.8	-6.8	0.0	0.0	3.5

[SECTION NAME : TAP3 , SECTION ID : 11]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z (+y)-BENDING-(-y) (+z)-BENDING-(-z)					
7	AXL	W-LO	1	I	0.0
0.0	37.7	-37.7	0.0	0.0	-0.5
5	SHY	W-LO	1	I	0.0
0.0	37.1	-37.1	0.0	0.0	0.9
5	SHZ	W-TR	1	I	-6.8
316.5	0.0	0.0	-384.0	384.0	0.0
6	BY+	W-LO	1	J	0.0
0.0	37.7	-37.7	0.0	0.0	-0.5

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	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	
7 BZ-	D	1	I	-3.5	0.0
7.1	0.0	0.0	-413.8	413.8	

** MIN

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

7 AXL		W-TR	1 J	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	
7 SHY		W-LO	1 J	0.0	-0.9
0.0	37.2	-37.2	0.0	0.0	
5 SHZ		D	1 I	-3.5	0.0
-26.2	0.0	0.0	-394.8	394.8	
5 BY+		W-TR	1 I	-6.8	0.0
316.5	0.0	0.0	-384.0	384.0	
6 BY-		W-LO	1 J	0.0	-0.5
0.0	37.7	-37.7	0.0	0.0	
6 BZ+		D	1 J	-3.5	0.0
7.1	0.0	0.0	-413.8	413.8	
7 BZ-		W-TR	1 J	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	

[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	37.2	-37.2	0.0	
8 SHY	D	1 I	-3.5	0.0
20.5	0.0	-402.8	402.8	
8 SHZ	W-TR	1 I	-6.8	0.0
316.5	0.0	502.3	-502.3	
8 BY+	W-LO	1 I	0.0	-0.9
0.0	37.2	-37.2	0.0	
8 BY-	L1	1 J	-0.0	0.0
0.3	0.0	0.9	-0.9	
8 BZ+	W-TR	1 I	-6.8	0.0
316.5	0.0	502.3	-502.3	
8 BZ-	D	1 I	-3.5	0.0
20.5	0.0	-402.8	402.8	

** MIN

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

8 AXL		W-TR	1 I	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	
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	37.2	-37.2	0.0	0.0	
8 BY+		W-TR	1 I	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	
8 BY-		W-LO	1 I	0.0	-0.9
0.0	37.2	-37.2	0.0	0.0	
8 BZ+		D	1 I	-3.5	0.0
20.5	0.0	0.0	-402.8	402.8	
8 BZ-		W-TR	1 I	-6.8	0.0
316.5	0.0	0.0	502.3	-502.3	

[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
-0.5	0.0	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+	W-TR	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
-0.5	0.0	0.0	0.0	-0.0	0.0
11	BZ-	W-TR	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)		

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

[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	-4.1	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	
2 SHZ	D	1 I	0.0	0.0
0.0	0.0	0.0	0.0	
3 BY+	W-TR	1 I	-4.1	0.0
0.0	0.0	0.0	0.0	
3 BY-	W-TR	1 I	-4.1	0.0
0.0	0.0	0.0	0.0	
3 BZ+	W-TR	1 I	-4.1	0.0
0.0	0.0	0.0	0.0	
3 BZ-	W-TR	1 I	-4.1	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	
9 SHY	D	1 I	-1.9	0.0
0.0	0.0	0.0	0.0	
9 SHZ	D	1 I	-1.9	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	
10 BY-	W-TR	1 I	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	
10 BZ-	W-TR	1 I	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)	
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-----		-----		-----	
9 AXL	W-TR	1	I	-3.8	0.0
0.0	0.0	0.0	0.0	0.0	
9 SHY	D	1	I	-1.9	0.0
0.0	0.0	0.0	0.0	0.0	
9 SHZ	D	1	I	-1.9	0.0
0.0	0.0	0.0	0.0	0.0	
9 BY+	W-TR	1	I	-3.8	0.0
0.0	0.0	0.0	0.0	0.0	
9 BY-	W-TR	1	I	-3.8	0.0
0.0	0.0	0.0	0.0	0.0	
9 BZ+	W-TR	1	I	-3.8	0.0
0.0	0.0	0.0	0.0	0.0	
9 BZ-	W-TR	1	I	-3.8	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	203.6	0.0
0.0	0.0	0.0	0.0	
12 SHY	D	1 I	-730.8	0.0
0.0	0.0	0.0	0.0	
12 SHZ	D	1 I	-730.8	0.0
0.0	0.0	0.0	0.0	
12 BY+	W-TR	1 I	203.6	0.0
0.0	0.0	0.0	0.0	
12 BY-	W-TR	1 I	203.6	0.0
0.0	0.0	0.0	0.0	
12 BZ+	W-TR	1 I	203.6	0.0
0.0	0.0	0.0	0.0	
12 BZ-	W-TR	1 I	203.6	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	-1412.1	0.0
0.0	0.0	0.0	0.0	
12 SHY	D	1 I	-730.8	0.0
0.0	0.0	0.0	0.0	
12 SHZ	D	1 I	-730.8	0.0
0.0	0.0	0.0	0.0	
12 BY+	D	1 J	-1412.1	0.0
0.0	0.0	0.0	0.0	
12 BY-	D	1 J	-1412.1	0.0
0.0	0.0	0.0	0.0	
12 BZ+	D	1 J	-1412.1	0.0
0.0	0.0	0.0	0.0	
12 BZ-	D	1 J	-1412.1	0.0
0.0	0.0	0.0	0.0	