



Software licensed to

Job No

Sheet No

1

Rev

Part

Job Title

Ref

By

Date 25-Oct-21

Chd

Client

File BARDA.std

Date/Time 10-Nov-2021 12:30

## Job Information

	Engineer	Checked	Approved
Name:			
Date:	25-Oct-21		

Project ID	
Project Name	

Structure Type	SPACE FRAME
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Number of Nodes	42	Highest Node	42
Number of Elements	52	Highest Beam	52
Number of Plates	24	Highest Plate	76

Number of Basic Load Cases	-2
Number of Combination Load Cases	17

Included in this printout are data for:

All	The Whole Structure
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Included in this printout are results for load cases:

Type	L/C	Name
Primary	1	SX
Primary	2	SZ
Combination	22	1.0 CM + 1.0 CVM

## Reactions

Node	L/C	Horizontal	Vertical	Horizontal	Moment		
		FX (kg)	FY (kg)	FZ (kg)	MX (kNm)	MY (kNm)	MZ (kNm)
1	1:SX	-45.817	-158.181	0.000	0.000	0.000	-0.074
	2:SZ	0.000	0.000	-68.152	-5.092	0.618	0.000
	22:1.0 CM + 1	433.792	4.34E+3	0.000	0.000	0.000	4.156
2	1:SX	-72.489	-56.235	0.000	0.000	0.000	0.103
	2:SZ	0.000	0.000	-140.160	-7.788	-0.011	0.000
	22:1.0 CM + 1	168.615	6.79E+3	0.000	0.000	0.000	-0.104
3	1:SX	-87.220	-10.877	0.000	0.000	0.000	0.046
	2:SZ	0.000	0.000	-142.453	-7.949	-0.024	0.000
	22:1.0 CM + 1	71.055	7.06E+3	0.000	0.000	0.000	-0.067
4	1:SX	-90.325	-0.000	0.000	0.000	0.000	0.035
	2:SZ	0.000	0.000	-142.220	-7.988	-0.000	0.000
	22:1.0 CM + 1	-0.000	7.11E+3	0.000	0.000	0.000	-0.000
5	1:SX	-87.220	10.877	0.000	0.000	0.000	0.046
	2:SZ	0.000	0.000	-142.453	-7.949	0.024	0.000
	22:1.0 CM + 1	-71.055	7.06E+3	0.000	0.000	0.000	0.067
6	1:SX	-72.489	56.235	0.000	0.000	0.000	0.103
	2:SZ	0.000	0.000	-140.160	-7.788	0.011	0.000
	22:1.0 CM + 1	-168.615	6.79E+3	0.000	0.000	0.000	0.104
7	1:SX	-45.817	158.181	0.000	0.000	0.000	-0.074



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## Reactions Cont...

Node	L/C	Horizontal	Vertical	Horizontal	Moment		
		FX (kg)	FY (kg)	FZ (kg)	MX (kNm)	MY (kNm)	MZ (kNm)
	2:SZ	0.000	0.000	-68.152	-5.092	0.618	0.000
	22:1.0 CM + 1	433.792	4.34E+3	0.000	0.000	0.000	4.156
9	1:SX	-72.489	-56.235	0.000	0.000	0.000	0.103
	2:SZ	0.000	0.000	-140.160	-7.788	-0.011	0.000
	22:1.0 CM + 1	168.615	6.79E+3	0.000	0.000	0.000	-0.104
10	1:SX	-87.220	-10.877	0.000	0.000	0.000	0.046
	2:SZ	0.000	0.000	-142.453	-7.949	-0.024	0.000
	22:1.0 CM + 1	71.055	7.06E+3	0.000	0.000	0.000	-0.067
11	1:SX	-90.325	-0.000	0.000	0.000	0.000	0.035
	2:SZ	0.000	0.000	-142.220	-7.988	-0.000	0.000
	22:1.0 CM + 1	0.000	7.11E+3	0.000	0.000	0.000	0.000
12	1:SX	-87.220	10.877	0.000	0.000	0.000	0.046
	2:SZ	0.000	0.000	-142.453	-7.949	0.024	0.000
	22:1.0 CM + 1	-71.056	7.06E+3	0.000	0.000	0.000	0.067
13	1:SX	-72.489	56.235	0.000	0.000	0.000	0.103
	2:SZ	0.000	0.000	-140.160	-7.788	0.011	0.000
	22:1.0 CM + 1	-168.614	6.79E+3	0.000	0.000	0.000	0.104
14	1:SX	-45.817	158.181	0.000	0.000	0.000	-0.074
	2:SZ	0.000	0.000	-68.152	-5.092	-0.618	0.000
	22:1.0 CM + 1	-433.792	4.34E+3	0.000	0.000	0.000	-4.156