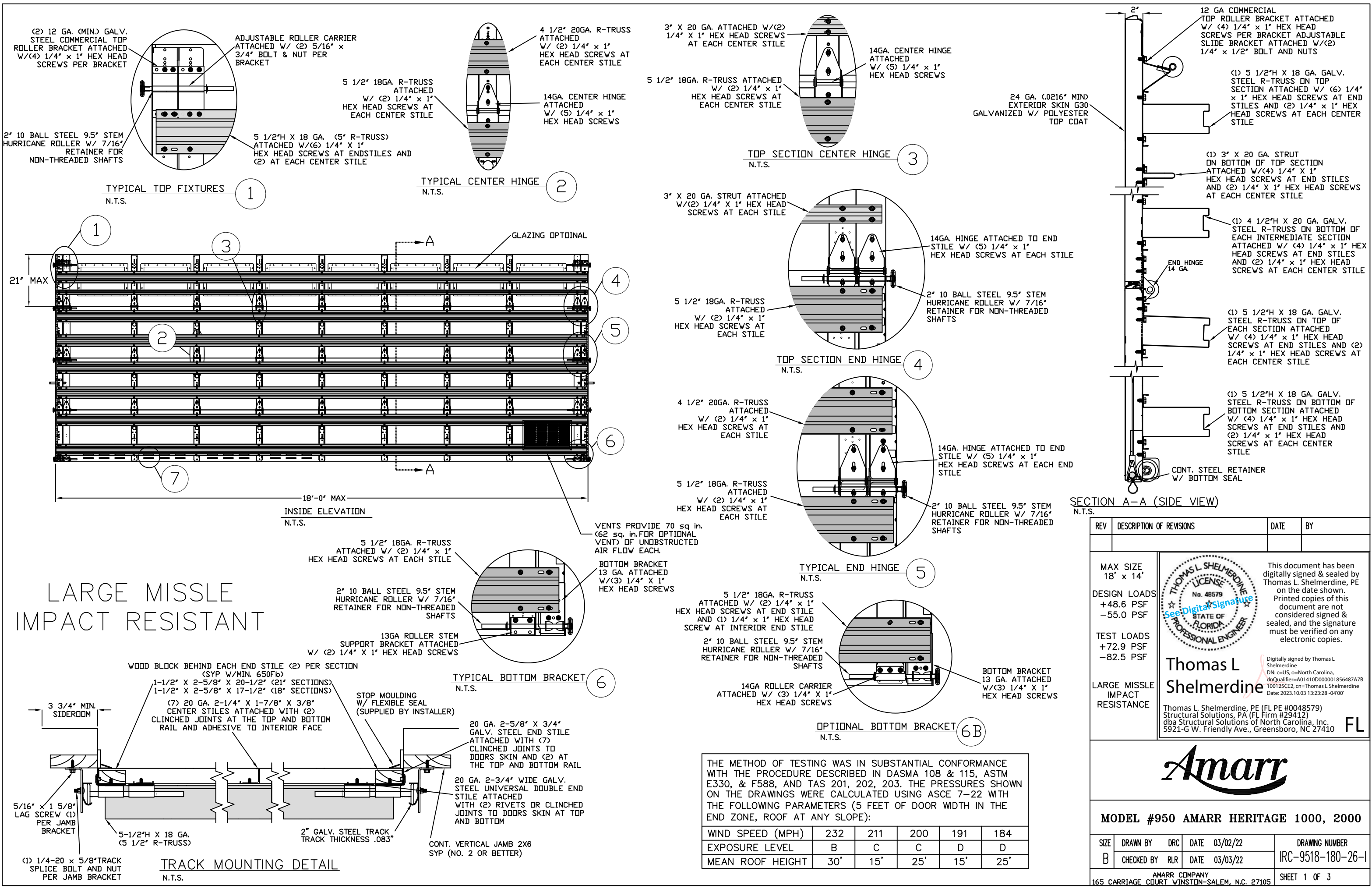
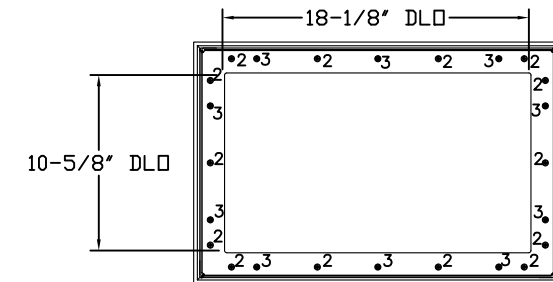
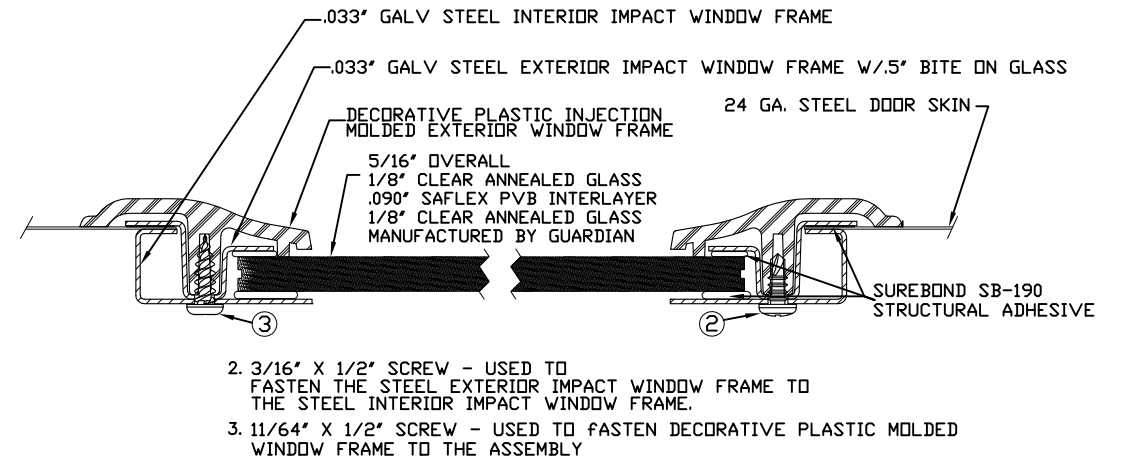




1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF:
+437.4 LBS/FT & -495.0 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 24 GA. (.0216) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (1) 5 1/2" R-TRUSS AND (1) 3" STRUT ON TOP SECTION, (1) 5 1/2" R-TRUSS AND (1) 4 1/2" R-TRUSS PER INTERMEDIATE SECTION, & (2) 5 1/2" R-TRUSS ON THE BOTTOM SECTION
6. DOORS OVER (4) SECTIONS REFER TO TABLES ON PAGE 3
7. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



DOOR HEIGHT

VERTICAL LIFT

HIGH LIFT

STANDARD LIFT

LOW HEADROOM

TWO (2) ROWS OF THREE (3) VENTS EQUALS 15 SQ. INCHES

5"

1/2"

OPTIONAL VENT DETAIL
N.T.S.

7

AVAILABLE TRACK CONFIGURATIONS
N.T.S.

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 10" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 10" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 18" O.C. (2 1/2" EMBEDMENT)

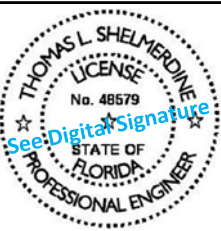
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART)
AT 8" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART)
AT 8" O.C. (1 1/4" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 10" O.C. (1 1/4" EMBEDMENT)
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

The diagrams illustrate the attachment of a 2x6 vertical jamb to four different structural types. Each diagram shows a cross-section of the jamb with fasteners (lags, bolts, or screws) passing through it into the structure. The fasteners are shown in pairs, with the minimum spacing between them indicated by a dimension line. The minimum embedment of the fastener into the structure is also indicated by a dimension line. The diagrams are labeled as follows:

- WOOD STRUCTURE:** Shows a 2x6 jamb attached to a wood structure. The minimum embedment is 1/2" MIN. The minimum spacing between fasteners is 2X6 JAMB TYP.
- CONCRETE STRUCTURE:** Shows a 2x6 jamb attached to a concrete structure. The minimum embedment is 2-3/4" MIN. The minimum spacing between fasteners is 2X6 JAMB TYP.
- HOLLOW BLOCK STRUCTURE:** Shows a 2x6 jamb attached to a hollow block structure. The minimum embedment is 1-1/2" MIN. The minimum spacing between fasteners is 3" MIN.
- GROUTED BLOCK STRUCTURE:** Shows a 2x6 jamb attached to a grouted block structure. The minimum embedment is 4". The minimum spacing between fasteners is 3" MIN.

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 18' x 14' DESIGN LOADS +48.6 PSF -55.0 PSF TEST LOADS +72.9 PSF -82.5 PSF LARGE MISSILE IMPACT RESISTANCE		 This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. Printed copies of this document are not considered signed & sealed, and the signature must be verified on any electronic copies. Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410 FL	
			
MODEL #950 AMARR HERITAGE 1000, 2000			
SIZE B	DRAWN BY	DRC	DATE 03/02/22
	CHECKED BY	RLR	DATE 03/03/22
			DRAWING NUMBER IRC-9518-180-26-1
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 2 OF 3

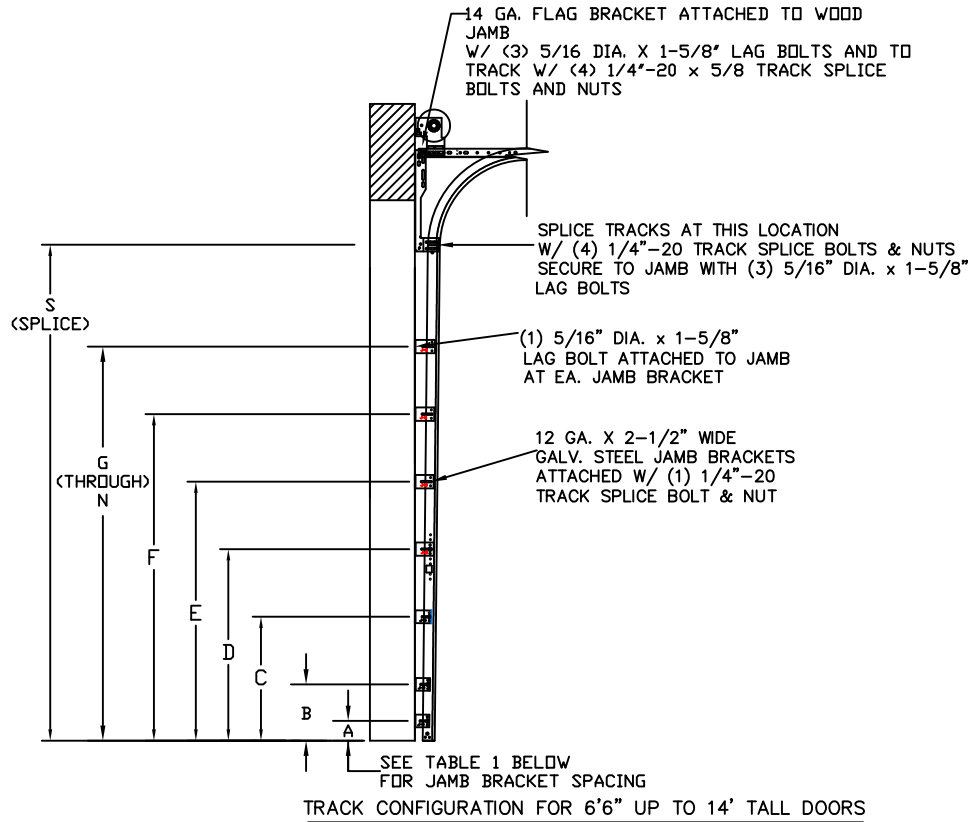


TABLE 2

SECTION	STRUT SIZE
TOP	5.5"
	3"
7TH	5.5"
	4.5"
6TH	5.5"
	4.5"
5TH	5.5"
	4.5"
4TH	5.5"
	4.5"
3RD	5.5"
	4.5"
2ND	5.5"
	4.5"
BOTTOM	5.5"
	5.5"

TABLE 3

Section	Panel Type	Center Stile Locations (Measured from Left Edge)							Max Design Loads Allowed	
		1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)	6th (in)	7th (in)	Positive (PSF)	Negative (PSF)
16' 2	Short	26.91	50.27	73.64	97.00	120.36	143.73	167.09	54.1	61.2
16' 2	Long	28.25	51.17	74.08	97.00	119.92	142.83	165.75	54.1	61.2
16' 4	Short	27.91	51.27	74.64	98.00	121.36	144.73	168.09	53.5	60.6
16' 4	Long	29.25	52.17	75.08	98.00	120.92	143.83	166.75	53.1	60.1
16' 6	Short	28.91	52.27	75.64	99.00	122.36	145.73	169.09	53.0	59.9
16' 6	Long	27.51	51.34	75.17	99.00	122.83	146.66	170.49	53.0	60.0
16' 8	Short	27.01	51.34	75.67	100.00	124.33	148.66	172.99	52.4	59.4
16' 8	Long	28.30	52.20	76.10	100.00	123.90	147.80	171.70	52.4	59.4
16' 10	Short	26.75	51.50	76.25	101.00	125.75	150.50	175.25	51.9	58.8
16' 10	Long	29.30	53.20	77.10	101.00	124.90	148.80	172.70	51.9	58.8
17' 0	Short	29.01	53.34	77.67	102.00	126.33	150.66	174.99	51.4	58.2
17' 0	Long	30.30	54.20	78.10	102.00	125.90	149.80	173.70	51.1	57.8
17' 2	Short	28.00	53.00	78.00	103.00	128.00	153.00	178.00	50.9	57.6
17' 2	Long	31.30	55.20	79.10	103.00	126.90	150.80	174.70	50.2	56.8
17' 4	Short	29.00	54.00	79.00	104.00	129.00	154.00	179.00	50.4	57.1
17' 4	Long	32.30	56.20	80.10	104.00	127.90	151.80	175.70	49.3	55.7
17' 6	Short	30.00	55.00	80.00	105.00	130.00	155.00	180.00	49.9	56.5
17' 6	Long	33.30	57.20	81.10	105.00	128.90	152.80	176.70	48.4	54.8
17' 8	Short	29.20	54.80	80.40	106.00	131.60	157.20	182.80	49.5	56.0
17' 8	Long	30.70	55.80	80.90	106.00	131.10	156.20	181.30	49.5	56.0
17' 10	Short	30.20	55.80	81.40	107.00	132.60	158.20	183.80	49.0	55.5
17' 10	Long	30.88	56.25	81.63	107.00	132.38	157.75	183.13	49.0	55.5
18' 0	Short	31.88	57.25	82.63	108.00	133.38	158.75	184.13	48.6	55.0
18' 0	Long	32.70	57.80	82.90	108.00	133.10	158.20	183.30	48.1	54.5

TABLE 1

DOOR HEIGHT	TRACK ATTACHMENT														SPLICE S
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
6' 6"	3"	14"	27"	38"	46"	56"	64"								70"
7'	3"	14"	27"	38"	46"	56"	68"								76"
7' 6"	3"	14"	27"	38"	46"	56"	68"	78"							82"
8'	3"	14"	27"	38"	46"	56"	68"	78"							88"
8' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"						94"
9'	3"	14"	27"	38"	46"	56"	68"	78"	88"						100"
9' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	98"					106"
10'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"					112"
10' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"				118"
11'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"				124"
11' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	120"			130"
12'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	122"			136"
12' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	132"		142"
13'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"		148"
13' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	134"	144"	154"
14'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"	146"	160"

ALL TRACK ATTACHMENT SPACING +/- 2" ALLOWED WITH SYP NO.2 OR BETTER ONLY

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX. SIZE
18' x 14'

DESIGN LOADS
+48.6 PSF
-55.0 PSF

TEST LOADS
+72.9 PSF
-82.5 PSF

LARGE MISSILE
IMPACT
RESISTANCE

THOMAS L. SHELDERDINE
LICENSE
No. 48579
FLORIDA
PROFESSIONAL ENGINEER

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Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

FL

Amarr

MODEL #950 AMARR HERITAGE 1000, 2000

SIZE	DRAWN BY	DRC	DATE	03/02/22	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	03/03/22	IRC-9518-180-26-I

AMARR COMPANY
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

SHEET 3 OF 3