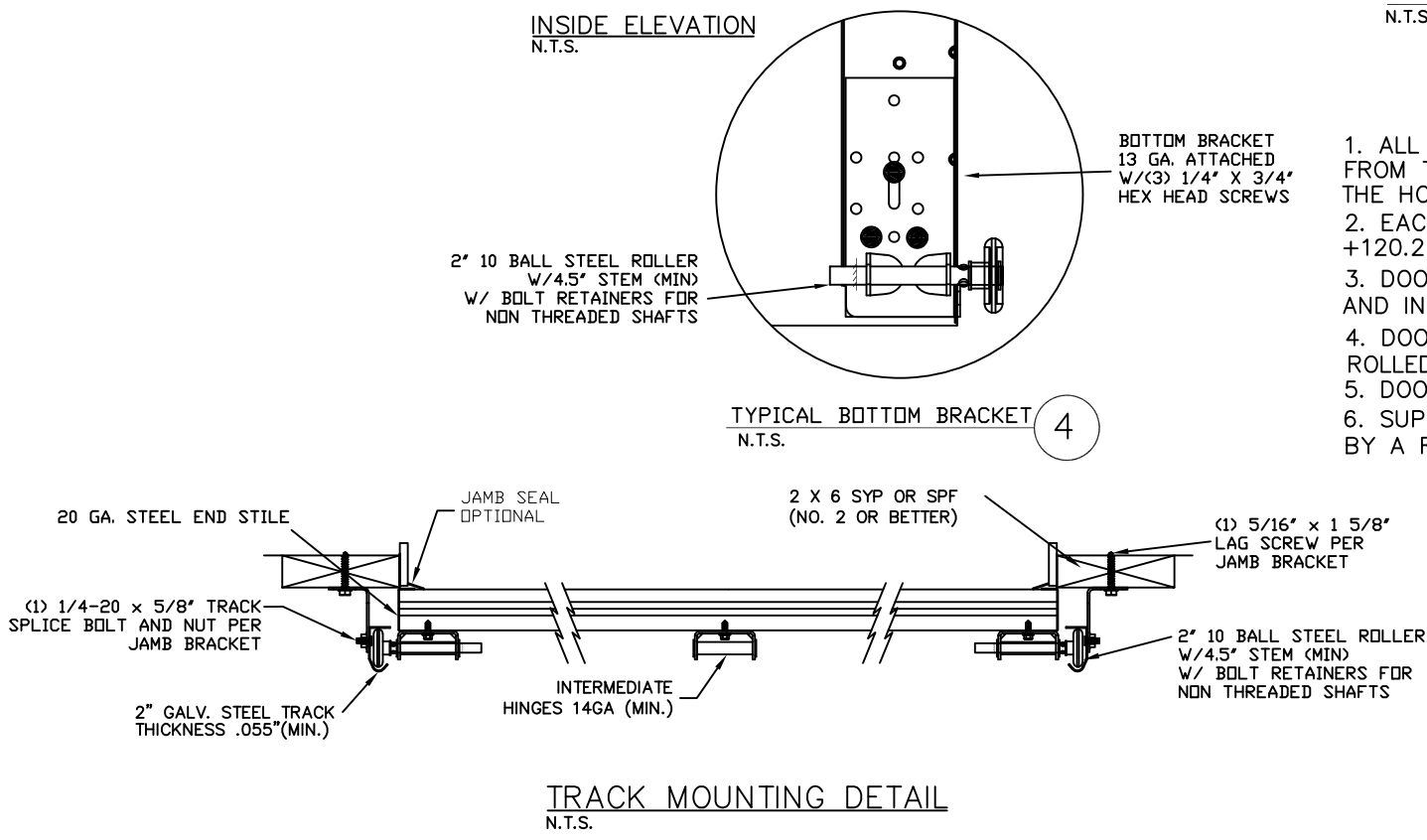
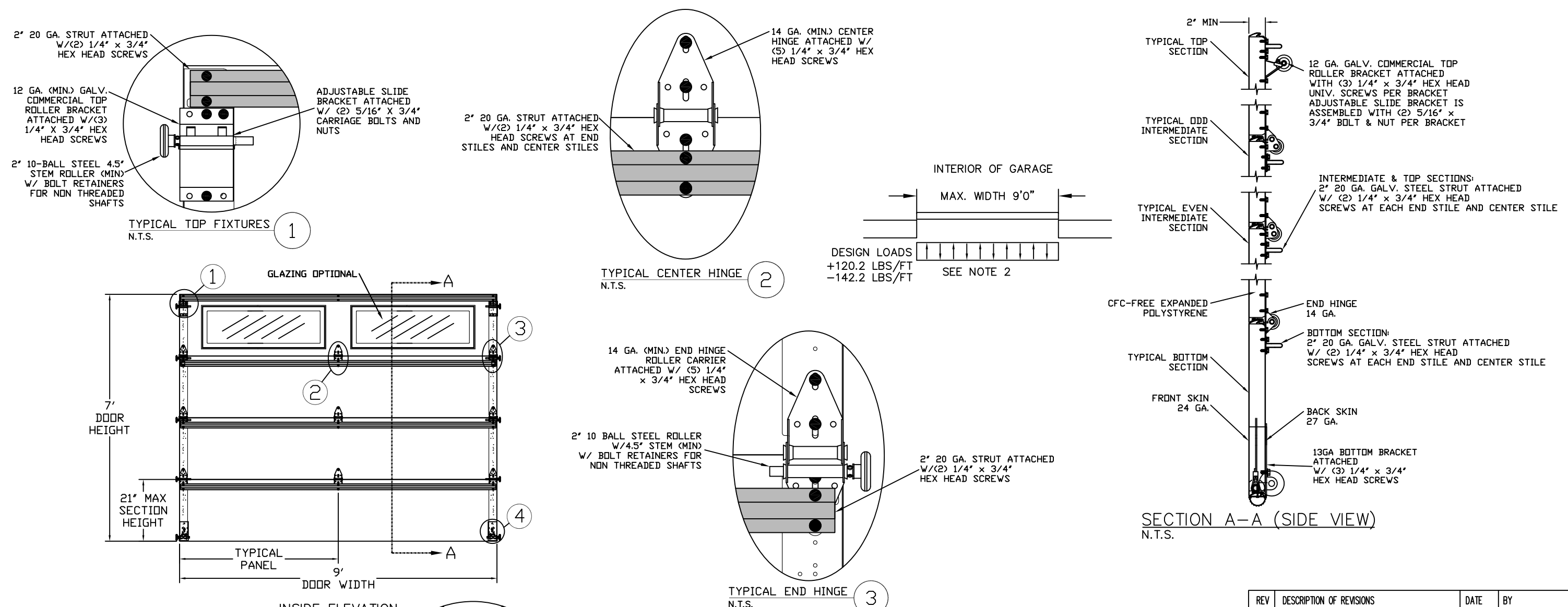




THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108 AND ASTM E330. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-22 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	168	152	145	138	133
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9' WIDTH
14' HEIGHT

DESIGN LOADS
+26.7 PSF
-31.6 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+40.1 PSF
-47.4 PSF

THOMAS L. SHELDERDINE
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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.

Digitally signed by Thomas L. Shelmerdine
DN: cn=US, o=North Carolina, dnQualifier=A01410D000001856487A7
B100125CE2, cn=Thomas L. Shelmerdine
Date: 2024.06.17 14:40:57 -04'00'

Thomas L Shelmerdine

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

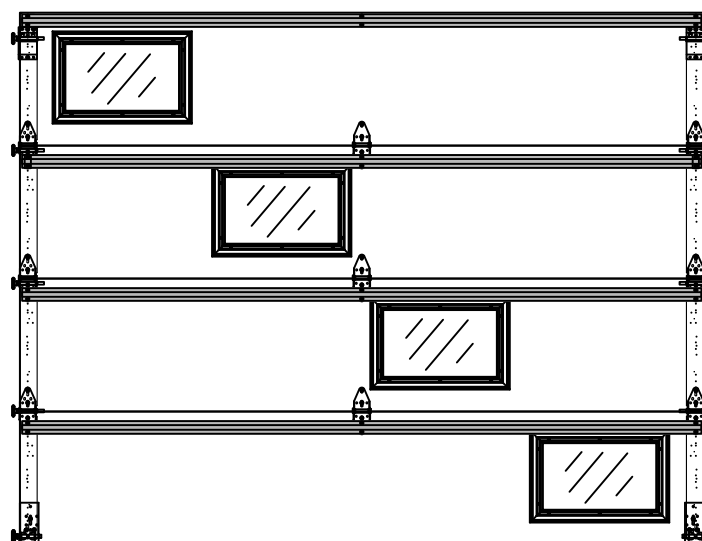
MODEL #1200 AMARR HERITAGE 3000
MODEL #1225 AMARR NORTHWOODS 3000

SIZE	DRAWN BY	DRC	DATE	09/01/21	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	09/16/21	RC-1209-130-11-M

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

SHEET 1 OF 3

GLAZING AVAILABLE IN ANY COMBINATION
GLAZING MEETS ASTM E1300-04



GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



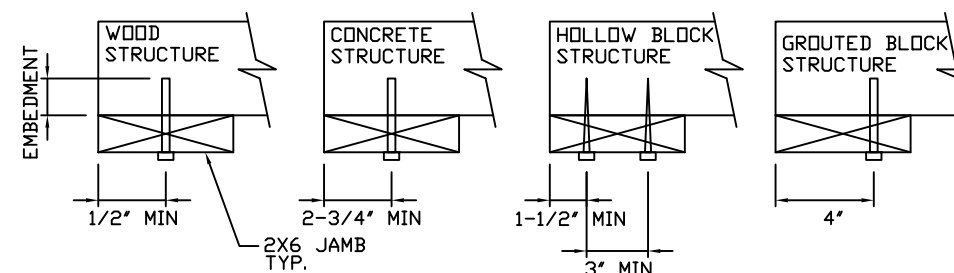
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

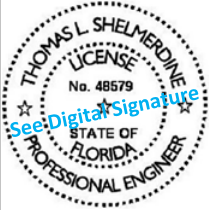
2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2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

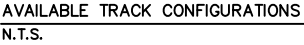
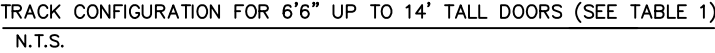
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS
(3" APART) AT 24" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF
FASTENERS (3" APART) AT 24" O.C. (1 1/4" EMBEDMENT)

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 24" 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



REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9' WIDTH 14' HEIGHT DESIGN LOADS +26.7 PSF -31.6 PSF TEST LOADS (1.5 x DESIGN LOADS) +40.1 PSF -47.4 PSF		 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 #1200 AMARR HERITAGE 3000 MODEL #1225 AMARR NORTHWOODS 3000			
SIZE	DRAWN BY	DRC	DATE 09/01/21
B	CHECKED BY	RLR	DATE 09/16/21
			DRAWING NUMBER
			IR-1209-130-11-M
AMARR COMPANY			SHEET 2 OF 3
165 CARRIAGE COURT WINSTON-SALEM, NC. 27105			



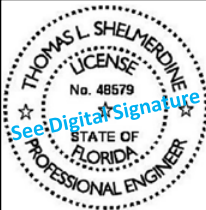
SECTION	STRUT SIZE
8TH	2"
7TH	2"
6TH	2"
5TH	2"
4TH	2"
3RD	2"
2ND	2"
BOTTOM	2"

DOOR HEIGHT	TRACK ATTACHMENT						SPLICE
	A	B	C	D	E	F	S
6' 6"	10"	38"	58"				70"
7'	10"	38"	58"				76"
7' 6"	10"	38"	58"				82"
8'	10"	38"	58"				88"
8' 6"	10"	38"	58"	82"			82"
9'	10"	38"	58"	82"			100"
9' 6"	10"	38"	58"	82"			106"
10'	10"	38"	58"	82"			112"
10' 6"	10"	38"	58"	82"	106"		118"
11'	10"	38"	58"	82"	106"		124"
11' 6"	10"	38"	58"	82"	106"		130"
12'	10"	38"	58"	82"	106"		136"
12' 6"	10"	38"	58"	82"	106"	130"	142"
13'	10"	38"	58"	82"	106"	130"	148"
13' 6"	10"	38"	58"	82"	106"	130"	154"
14'	10"	38"	58"	82"	106"	130"	160"

ALL TRACK ATTACHMENT SPACING $\pm 2"$ ALLOWED
WITH SYP OR SPF NO. 2 OR BETTER ONLY

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9' 6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

Section	Panel Type	Center Stile Location (Measured from Left Edge)	Max Design Loads Allowed	
Width (ft)			Positive (PSF)	Negative (PSF)
8'0	Short	48.000	30.0	35.5
8'0	Long	48.000	30.0	35.5
8'2	Short	49.000	29.4	34.8
8'2	Long	49.000	29.4	34.8
8'4	Short	50.000	28.8	34.1
8'4	Long	50.000	28.8	34.1
8'6	Short	51.000	28.2	33.4
8'6	Long	51.000	28.2	33.4
8'8	Short	52.000	27.7	32.8
8'8	Long	52.000	27.7	32.8
8'10	Short	53.000	27.2	32.1
8'10	Long	53.000	27.2	32.1
9'0	Short	54.000	26.7	31.6
9'0	Long	54.000	26.7	31.6

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9' WIDTH 14' HEIGHT DESIGN LOADS +26.7 PSF -31.6 PSF TEST LOADS (1.5 x DESIGN LOADS) +40.1 PSF -47.4 PSF		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 #1200 AMARR HERITAGE 3000 MODEL #1225 AMARR NORTHWOODS 3000			
SIZE B	DRAWN BY DRC	DATE 09/01/21	DRAWING NUMBER RC-1209-130-11-M
	CHECKED BY RLR	DATE 09/16/21	
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 3