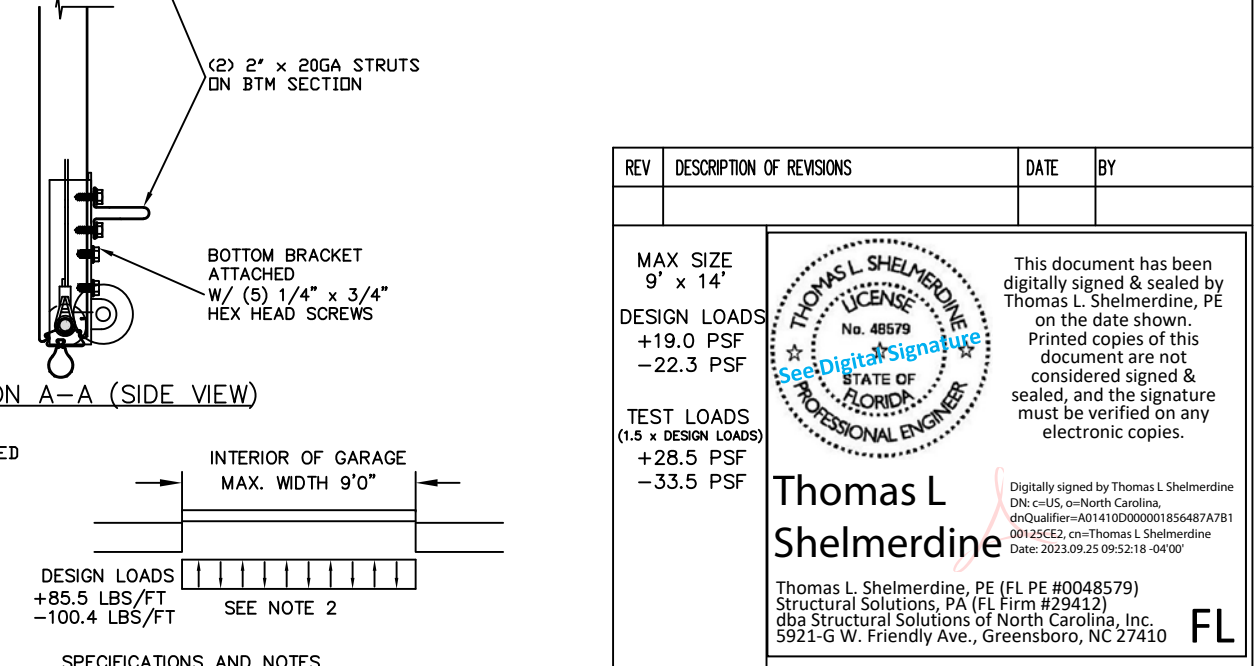
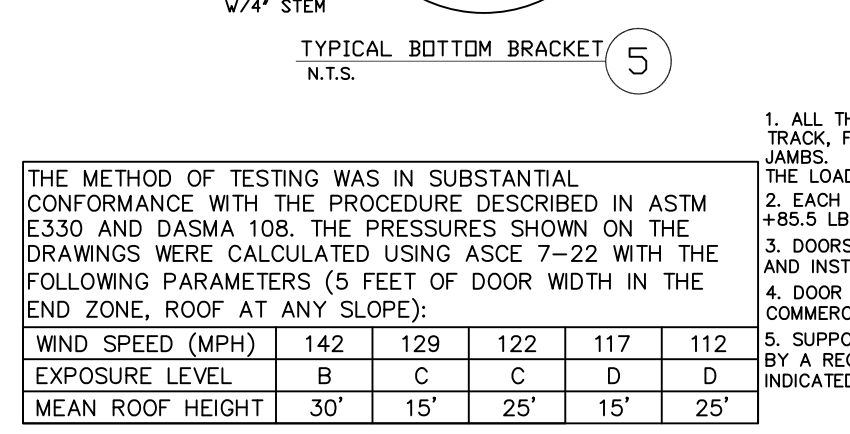
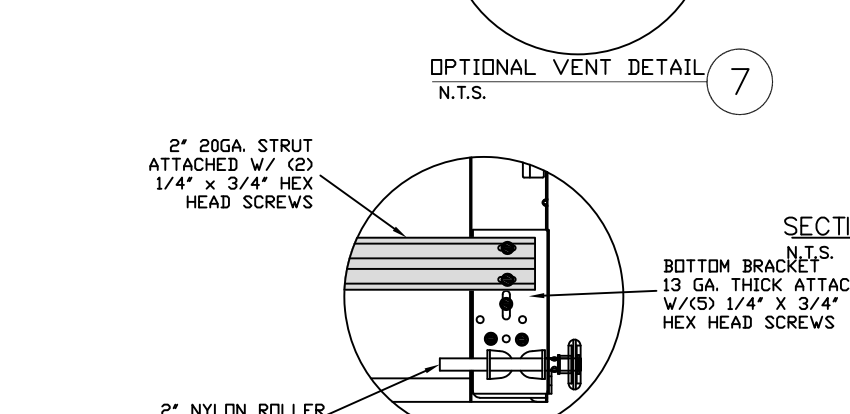
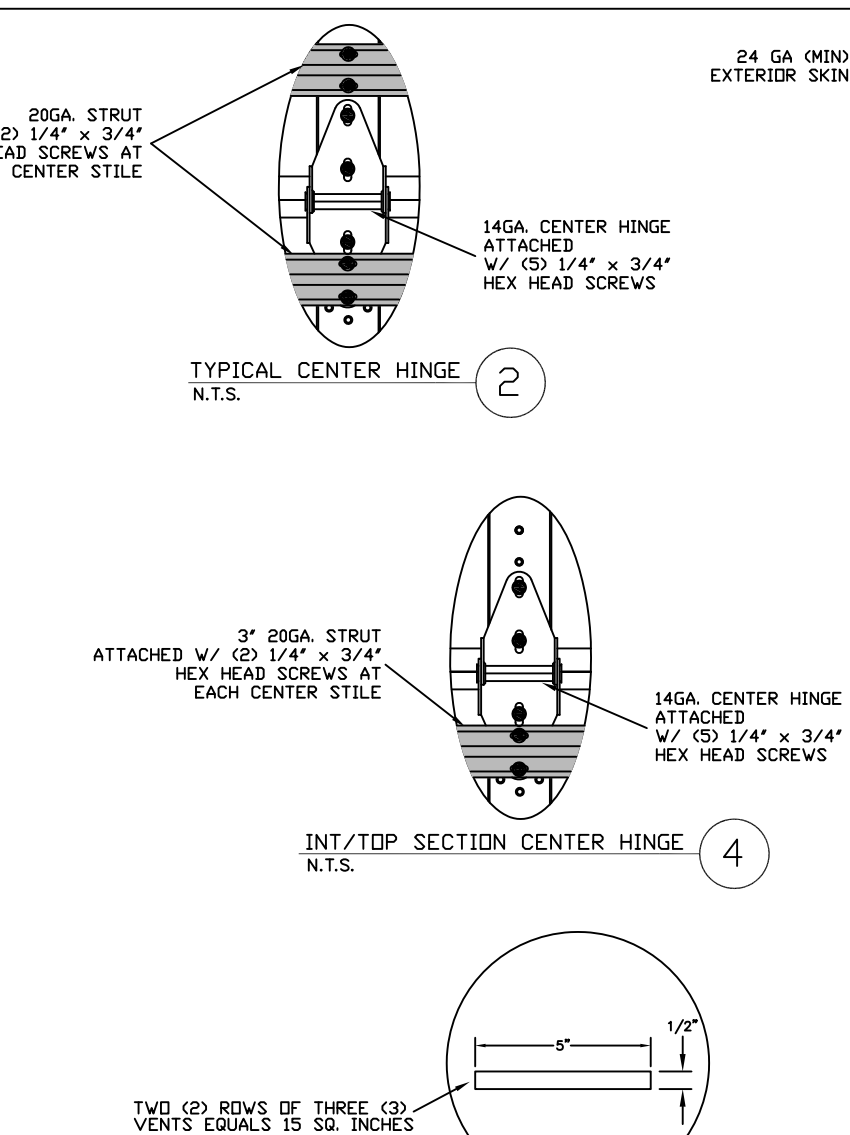




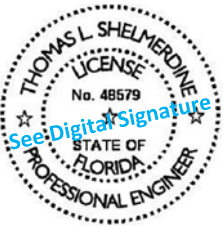
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9' x 14' DESIGN LOADS +19.0 PSF -22.3 PSF TEST LOADS (1.5 x DESIGN LOADS) +28.5 PSF -33.5 PSF		 This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. Printed copies of this document are not considered signed & sealed, and the signature must be verified on any electronic copies. Thomas L Shelmerdine Digitally signed by Thomas L Shelmerdine DN: c=US, o=North Carolina, dnQualifier=A01410D000001856487A7B1 00125CE2, cn=Thomas L Shelmerdine Date: 2023.09.25 09:52:18 -04'00' 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 #500 AMARR CLASSICA 1000, 2000			
SIZE	DRAWN BY	DRC	DATE
B			01/11/21
	CHECKED BY	RLR	DATE
			01/12/21
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, NC. 27105			DRAWING NUMBER IRC-5309-110-15 SHEET 1 OF 2

TABLE 1

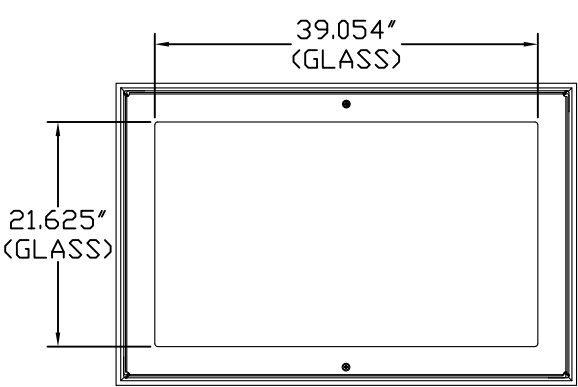
SECTION	STRUT SIZE
TOP	2"
5TH	3"
	2"
4TH	3"
	2"
3RD	3"
	2"
2ND	3"
	2"
BOTTOM	2"
	2"

TABLE 2

DOOR HEIGHT		TRACK ATTACHMENT									
		A	B	C	D	E	F	G	H	I	J
7'	0"	10.0"	34"	58"							
7'	6"	10.0"	34"	58"							
8'	0"	10.0"	34"	58"	82"						
8'	6"	10.0"	34"	58"	82"						
9'	0"	10.0"	34"	58"	82"	94"					
9'	6"	10.0"	34"	58"	82"	94"					
10'	0"	10.0"	34"	58"	82"	94"	106"				
11'	0"	10.0"	34"	58"	82"	94"	106"	118"			
12'	0"	10.0"	34"	58"	82"	94"	106"	118"	130"		
13'	0"	10.0"	34"	58"	82"	94"	106"	118"	130"	142"	
14'	0"	10.0"	34"	58"	82"	94"	106"	118"	130"	142"	154"

TABLE 3

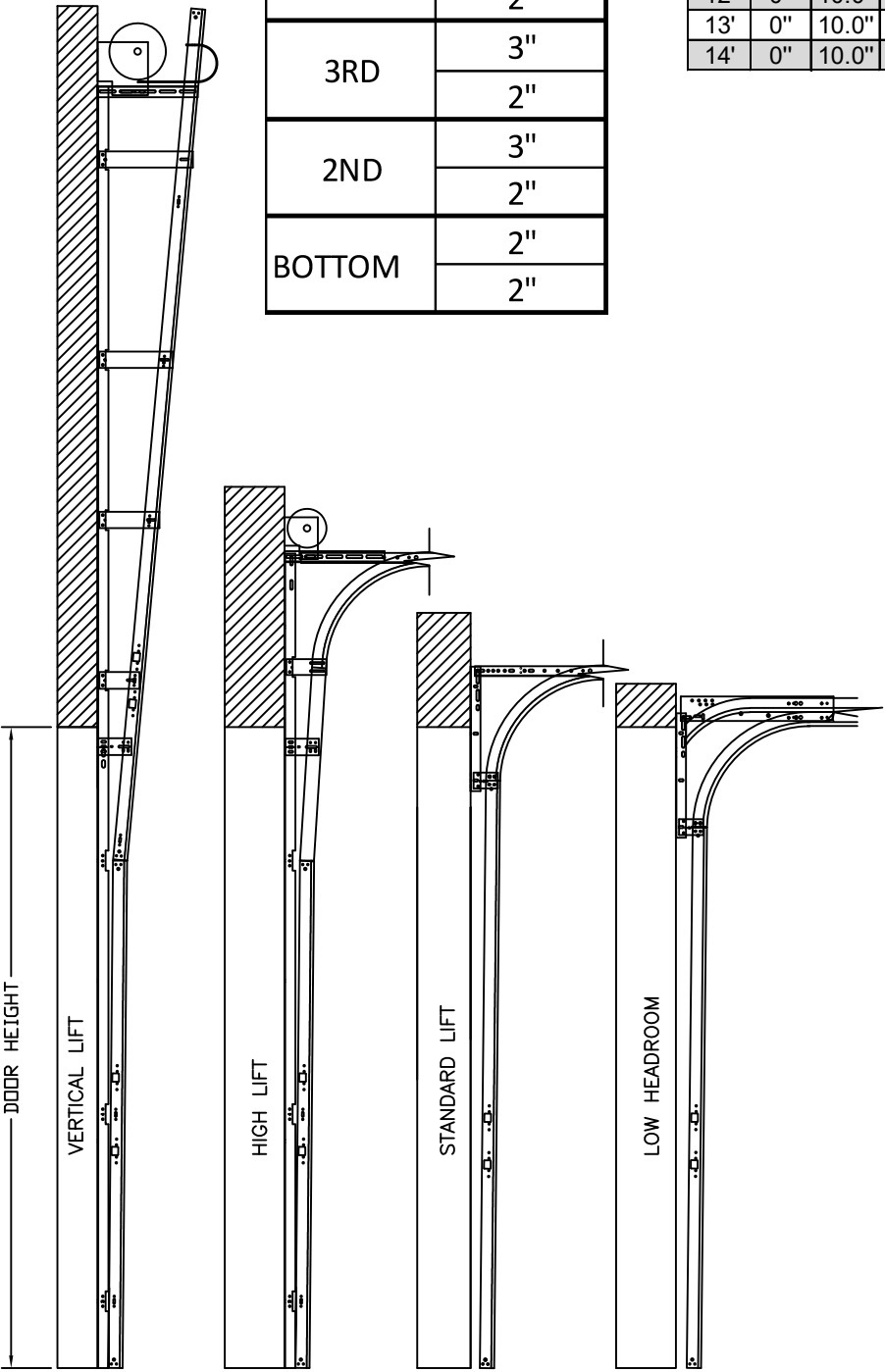
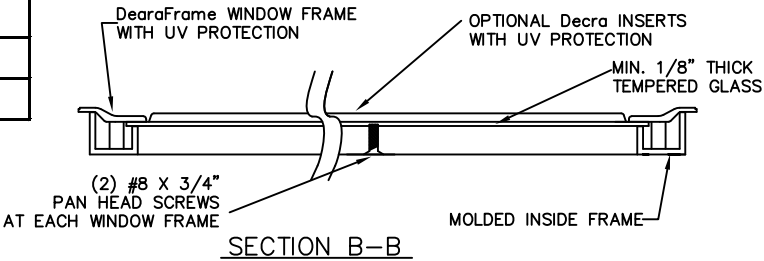
Section	Center Stile Location (Measured from Left)		Max Design Loads Allowed	
	1st (in)	2st (in)	Positive (PSF)	Negative (PSF)
6' 0	24.644	47.3565	28.4	33.3
7' 0	29.144	54.857	24.3	28.5
7' 2	29.894	56.107	23.7	27.9
7' 4	30.644	57.357	23.2	27.2
7' 6	45.000		22.7	26.6
7' 8	46.000		22.2	26.0
7' 10	47.000		21.7	25.5
8' 0	48.000		21.3	25.0
8' 2	49.000		20.8	24.5
8' 4	50.000		20.4	24.0
8' 6	51.000		20.0	23.5
8' 8	52.000		19.6	23.0
8' 10	53.000		19.3	22.6
9' 0	54.000		19.0	22.3



GLAZING FASTENER DETAIL
N.T.S.

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E 1300-04

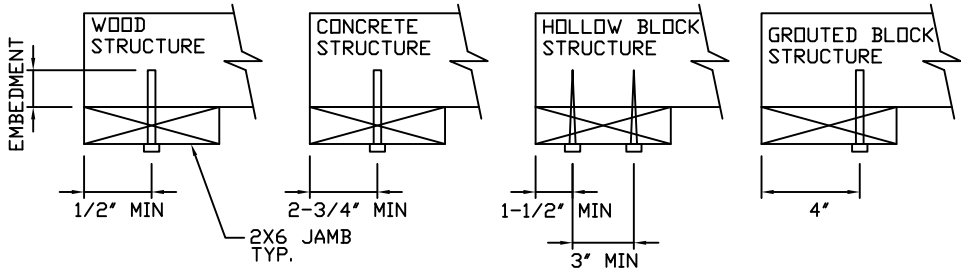


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE

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' x 14'

DESIGN LOADS
+19.0 PSF
-22.3 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+28.5 PSF
-33.5 PSF

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

This document has been digitally signed & sealed by Thomas L. Sheldermine, 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. Sheldermine, 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 #500
AMARR CLASSICA 1000, 2000

SIZE	DRAWN BY	RLR	DATE	01/11/21	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	01/12/21	IRC-5309-110-15

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

SHEET 2 OF 2