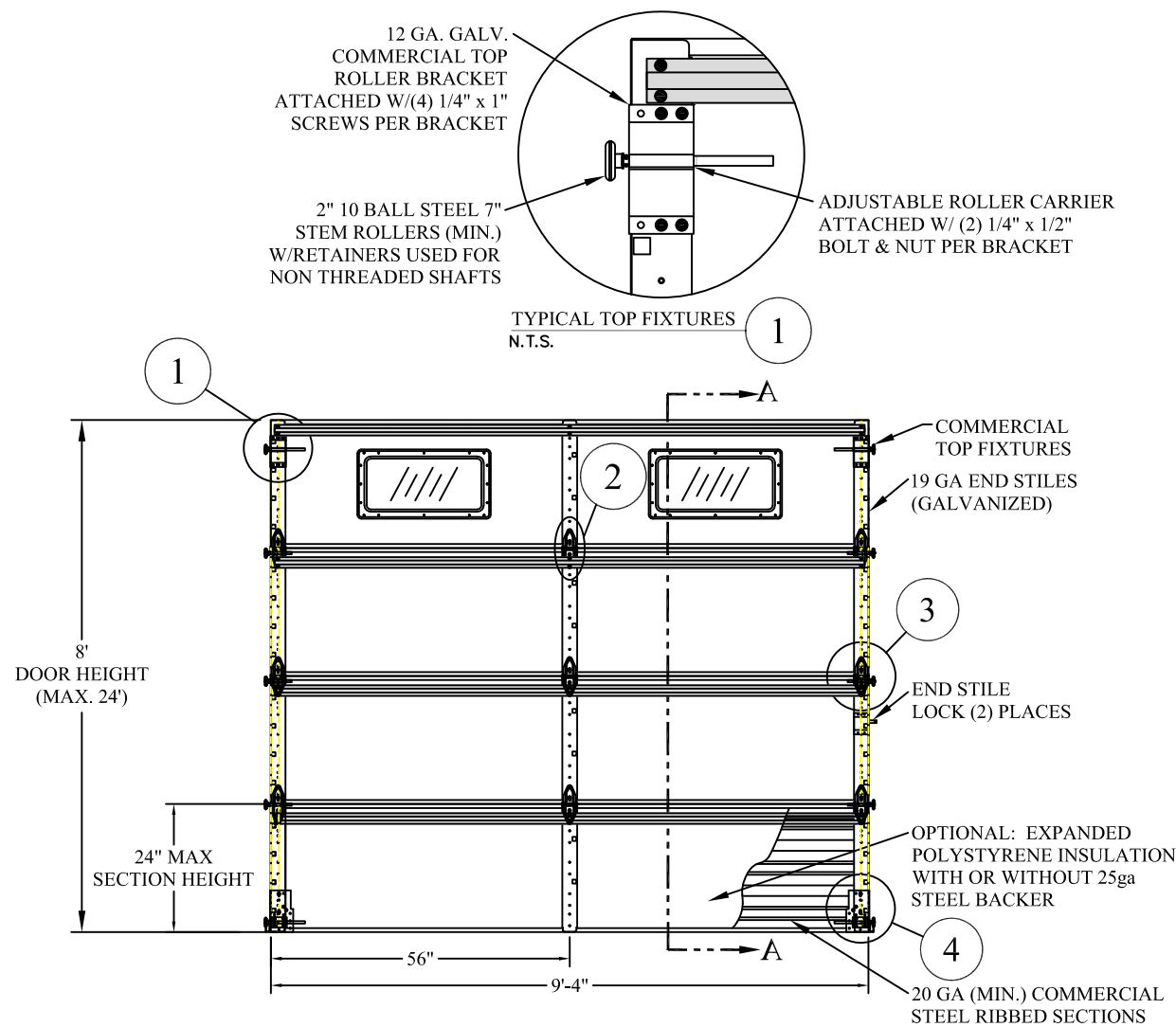
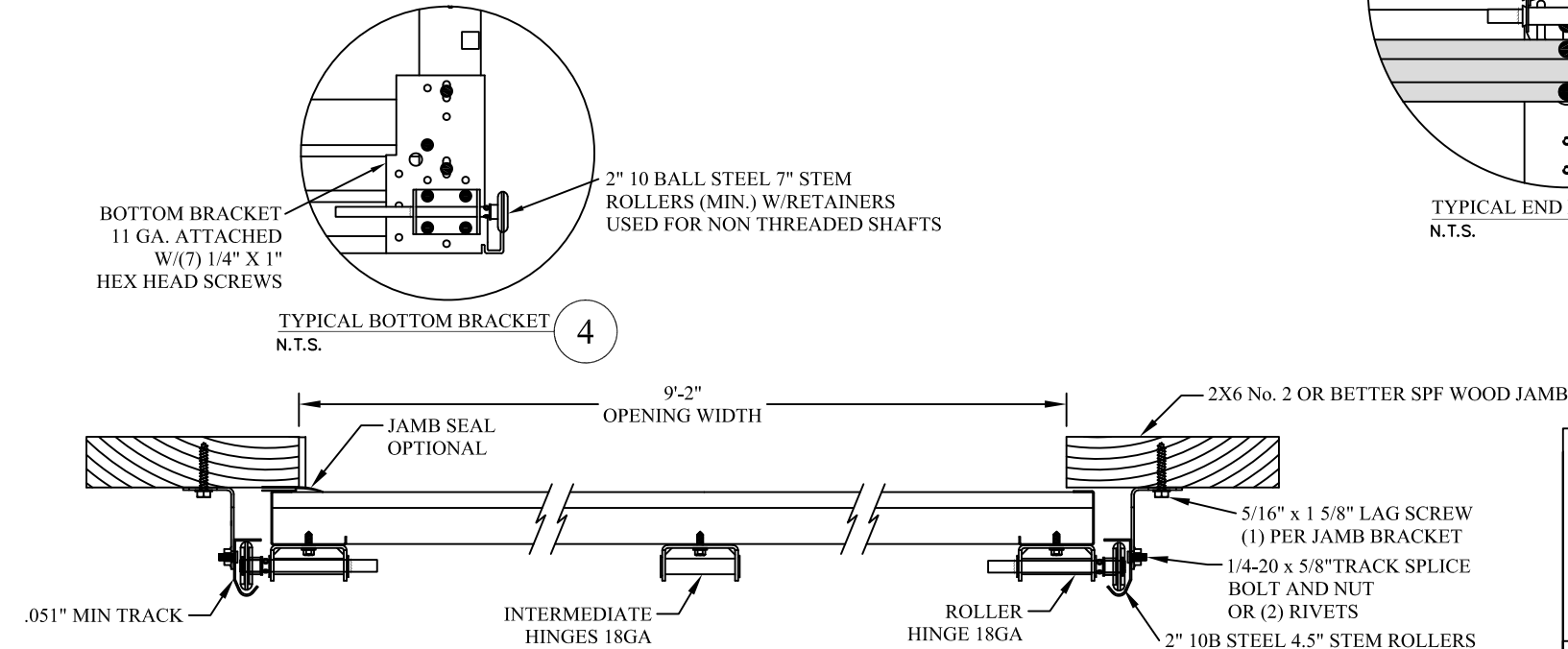
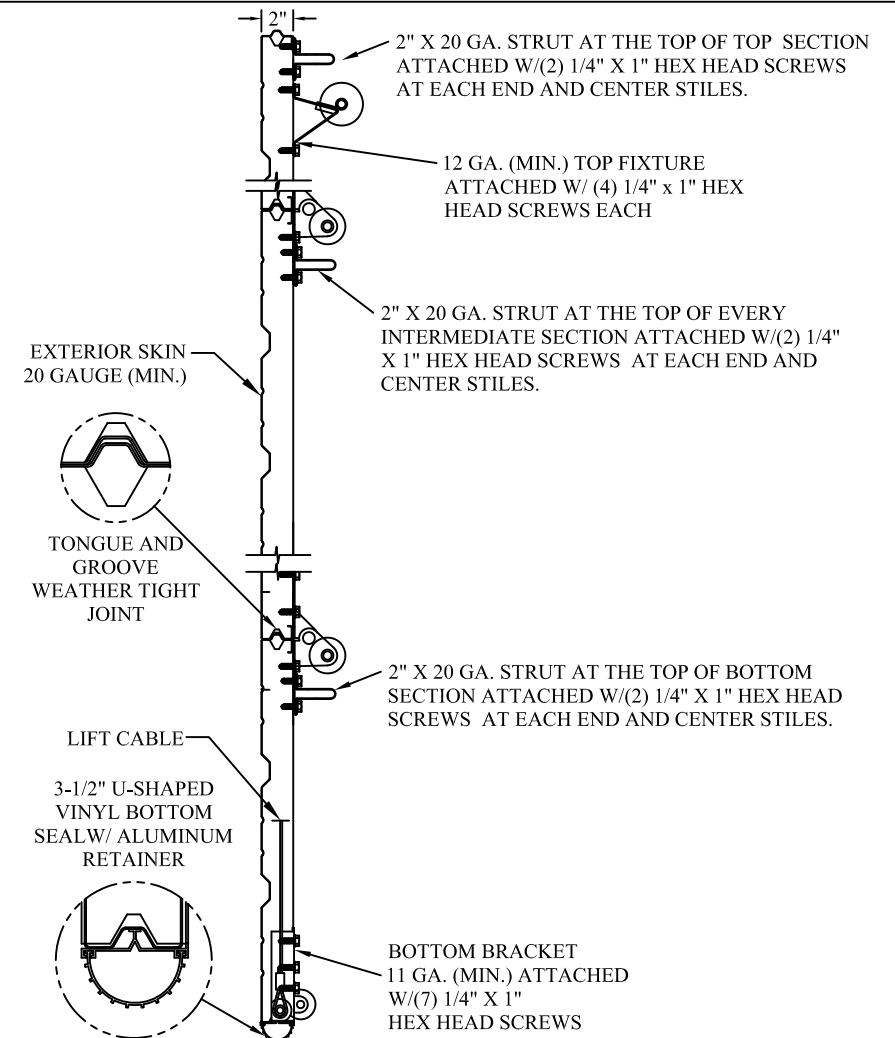
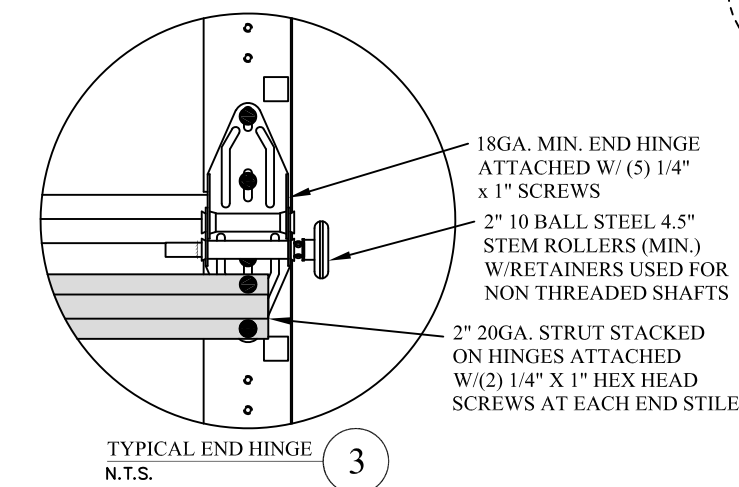
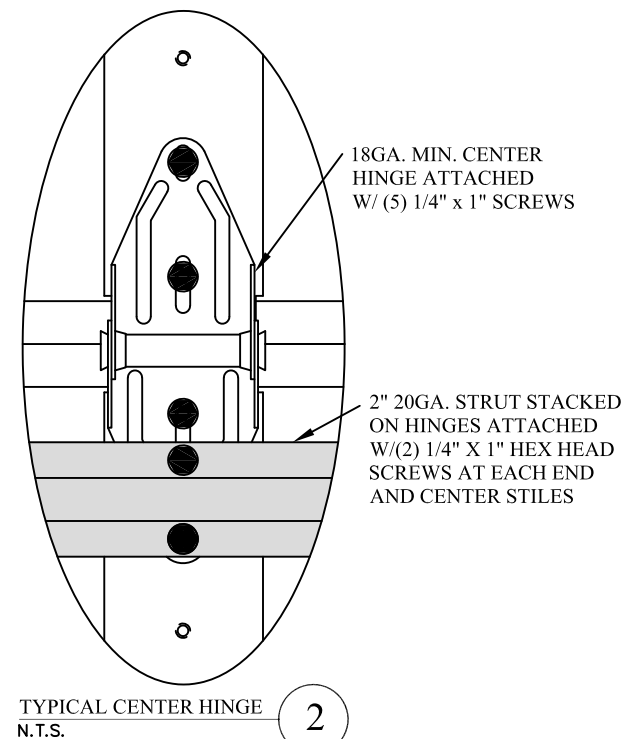




DOOR INTERIOR ELEVATION
N.T.S.



2\"/>

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-22 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF SLOPE 10° OR LESS):

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
9'4" x 24'

DESIGN LOADS
+24.2 PSF
-28.4 PSF

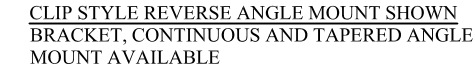
TEST LOADS
+36.3 PSF
-42.6 PSF

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

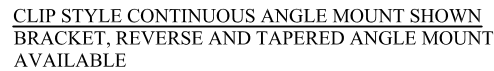
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FL

AMARR 2002, 2012, 2022				
SIZE B	DRAWN BY DRD	DATE 5/23/18	DRAWING NUMBER IBC-2009-130-11-R	
	CHECKED BY DLJ	DATE 7/25/18		
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105				SHEET 1 OF 4



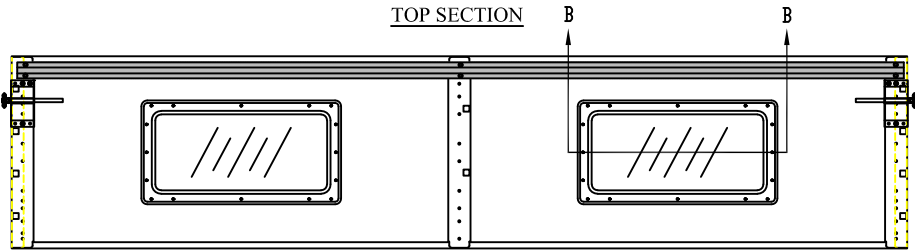
3/16" STEEL FRAMING
569 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS
AND 24" O.C.
REFER TO NOTES: 1, 2 AND 5



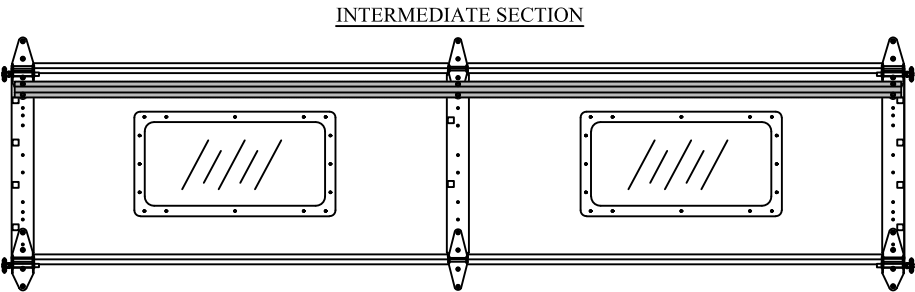
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS
(3" APART) AT 24" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS
(3" APART) AT 24" O.C. (1 1/4" EMBEDMENT)

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

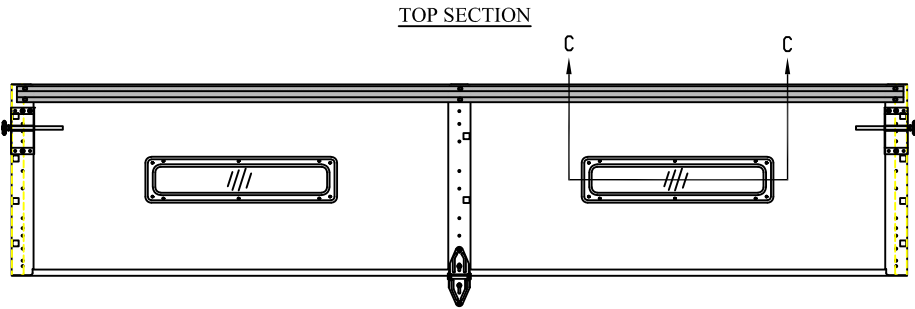




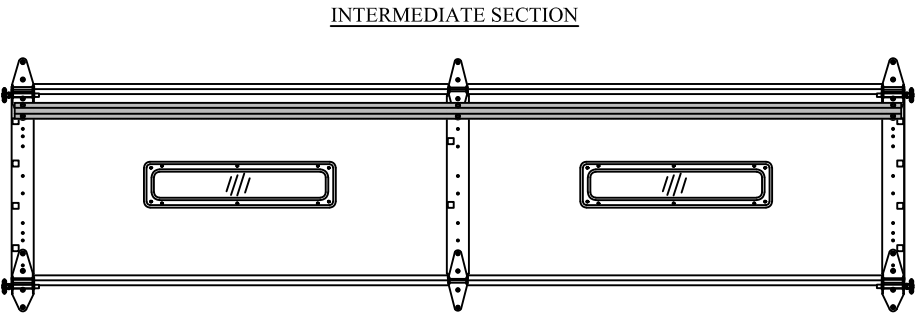
OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOW LAYOUT
N.T.S.



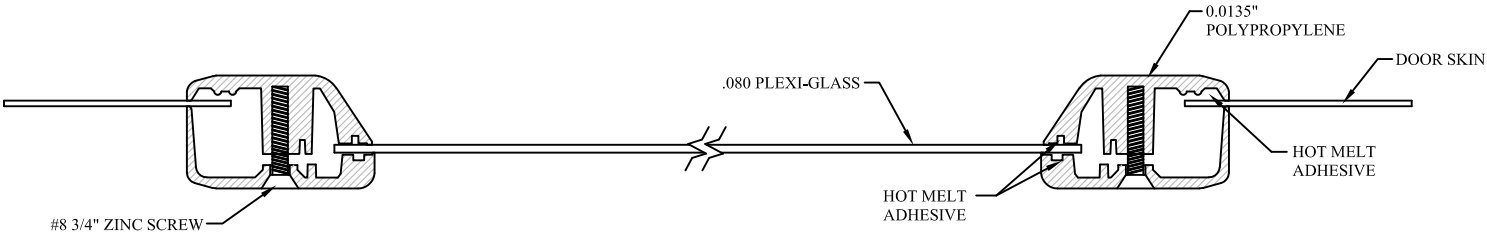
OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOWS AND STRUT LAYOUT
N.T.S.



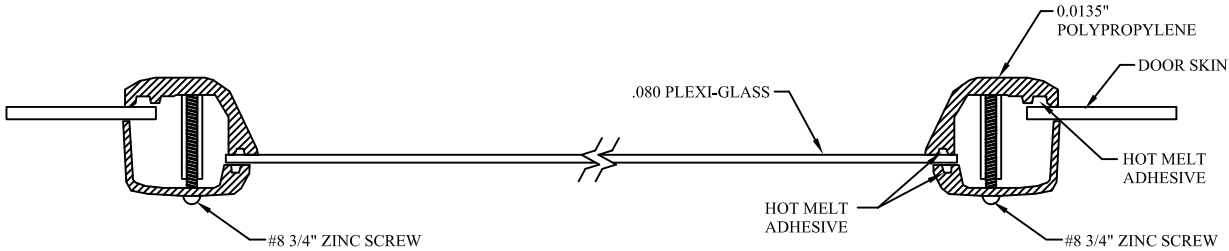
OPTIONAL GLAZED SECTION W/ 24" X 6" WINDOW AND STRUT LAYOUT
N.T.S.



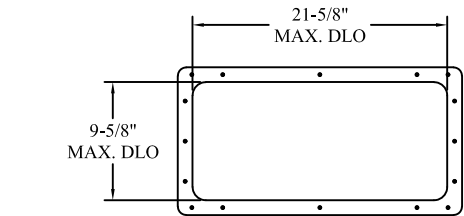
OPTIONAL GLAZED SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT
N.T.S.



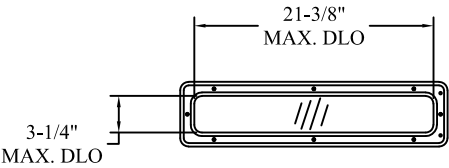
SECTION B-B 24" X 12" WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



SECTION C-C 24" X 6" WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



24" X 12" DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

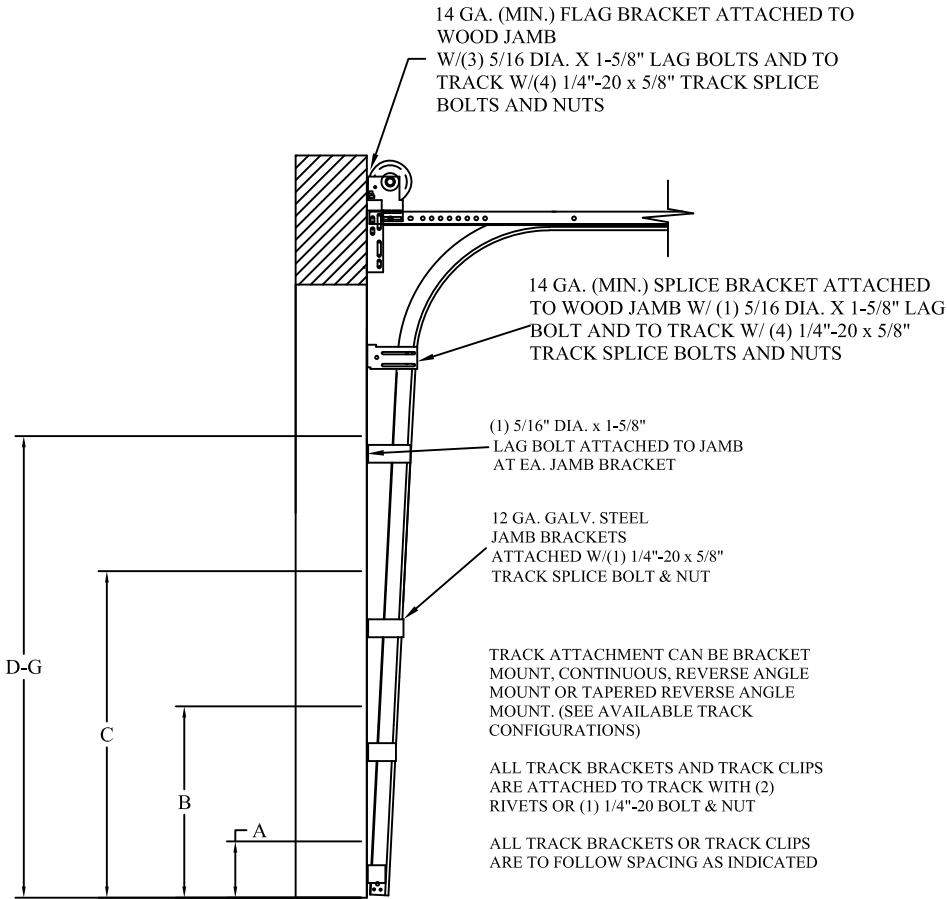


24" X 6" DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9'4 x 24' DESIGN LOADS +24.2 PSF -28.4 PSF TEST LOADS +36.3 PSF -42.6 PSF		THOMAS L. SHELMERDINE 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. 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			
AMARR 2002, 2012, 2022			
SIZE	DRAWN BY DRD	DATE 5/23/18	DRAWING NUMBER
B	CHECKED BY DLJ	DATE 7/25/18	IBC-2009-130-11-R
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 4

TABLE 1

Section	Center Stile	Max Design Loads Allowed	
Width (ft)	1st (in)	Positive (PSF)	Negative (PSF)
6' 0	36"	37.4	43.9
6' 2	37"	36.4	42.7
6' 4	38"	35.4	41.6
6' 6	39"	34.5	40.5
6' 8	40"	33.6	39.5
6' 10	41"	32.8	38.5
7' 0	42"	32.0	37.6
7' 2	43"	31.3	36.7
7' 4	44"	30.6	35.9
7' 6	45"	29.9	35.1
7' 8	46"	29.3	34.3
7' 10	47"	28.7	33.6
8' 0	48"	28.1	32.9
8' 2	49"	27.5	32.2
8' 4	50"	27.0	31.6
8' 6	51"	26.4	30.9
8' 8	52"	25.9	30.3
8' 10	53"	25.4	29.9
9' 0	54"	24.9	29.3
9' 2	55"	24.5	28.8
9' 4	56"	24.2	28.4



TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2

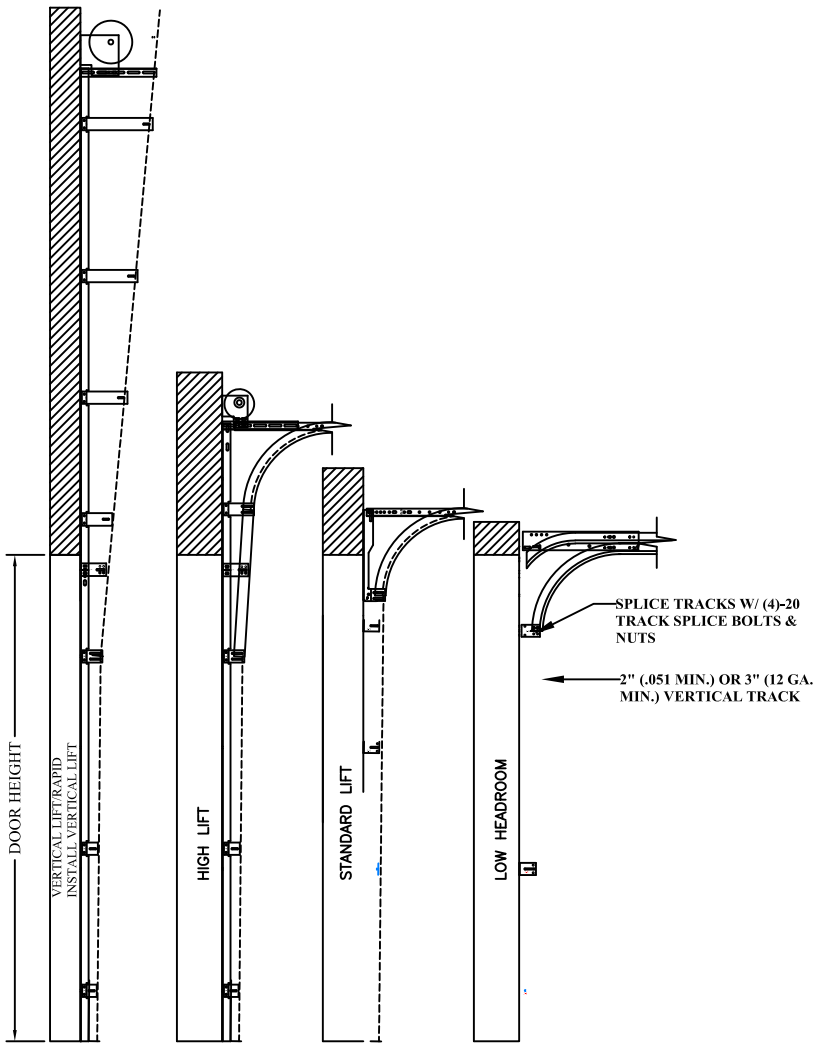
TABLE 2

DOOR HEIGHT		TRACK ATTACHMENT												TYPICAL SPLICE
		A	B	C	D	E	F	G	H	I	J	K	L	
7'	0"	10"	34"	58"										76"
7'	6"	10"	34"	58"										82"
8'	0"	10"	34"	58"										88"
8'	6"	10"	34"	58"	70"									94"
9'	0"	10"	34"	58"	70"									100"
9'	6"	10"	34"	58"	70"	94"								106"
10'	0"	10"	34"	58"	70"	94"								112"
11'	0"	10"	34"	58"	70"	94"								124"
12'	0"	10"	34"	58"	70"	94"	118"							136"
13'	0"	10"	34"	58"	70"	94"	118"							148"
14'	0"	10"	34"	58"	70"	94"	118"	142"						160"
15'	0"	10"	34"	58"	70"	94"	118"	142"						172"
16'	0"	10"	34"	58"	70"	94"	118"	142"	166"					184"
17'	0"	10"	34"	58"	70"	94"	118"	142"	166"					196"
18'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"				208"
19'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"				220"
20'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"			232"
21	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"			244"
22	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"		256"
23	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"		268"
24	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"	262"	280"

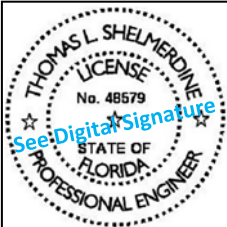
ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY.

TABLE 3

SECTION	
12TH	2"
11TH	2"
10TH	2"
9TH	2"
8TH	2"
7TH	2"
6TH	2"
5TH	2"
4TH	2"
3RD	2"
2ND	2"
BTM	2"



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

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MAX SIZE 9'4 x 24' DESIGN LOADS +24.2 PSF -28.4 PSF TEST LOADS +36.3 PSF -42.6 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	
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AMARR COMPANY			SHEET 4 OF 4
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			