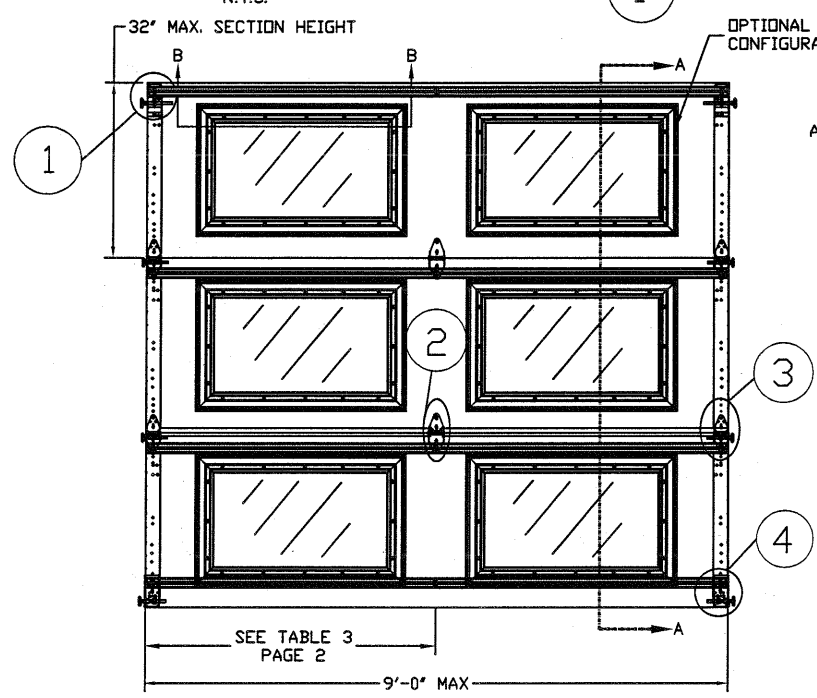
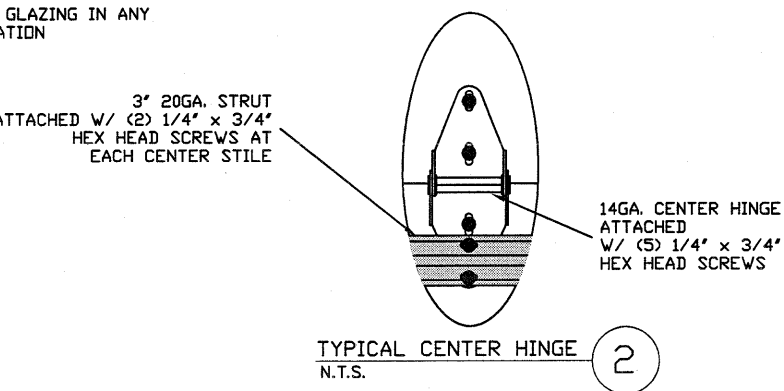


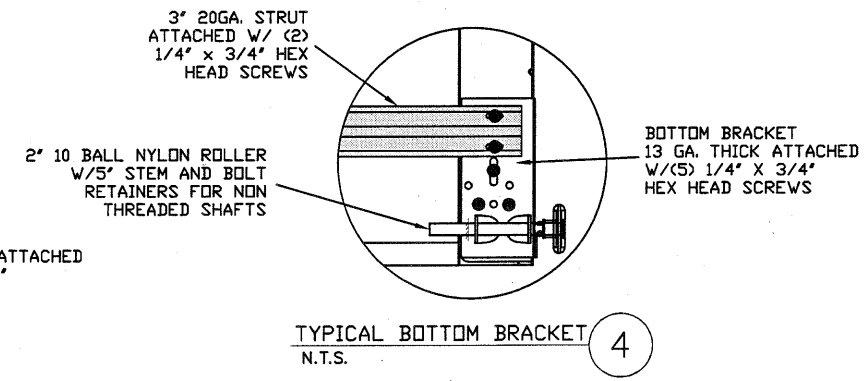
TYPICAL TOP FIXTURES
N.T.S.



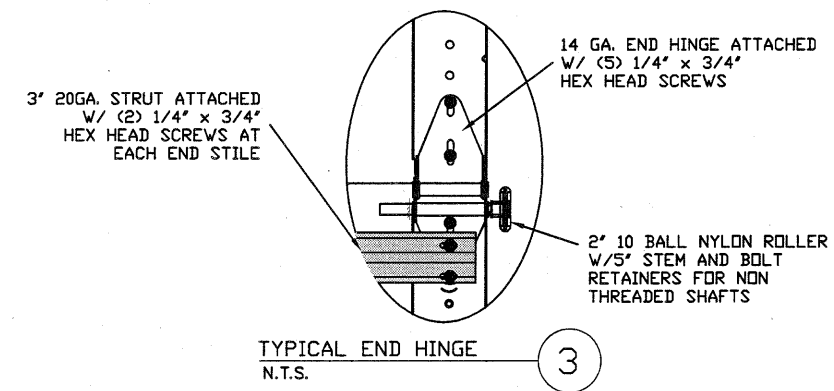
INSIDE ELEVATION
N.T.S.



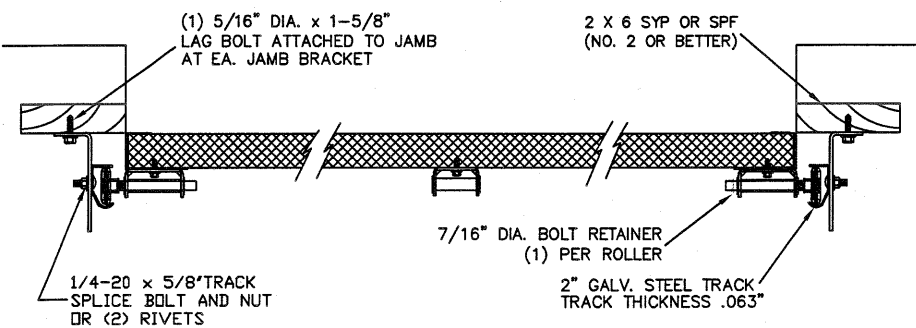
TYPICAL CENTER HINGE
N.T.S.



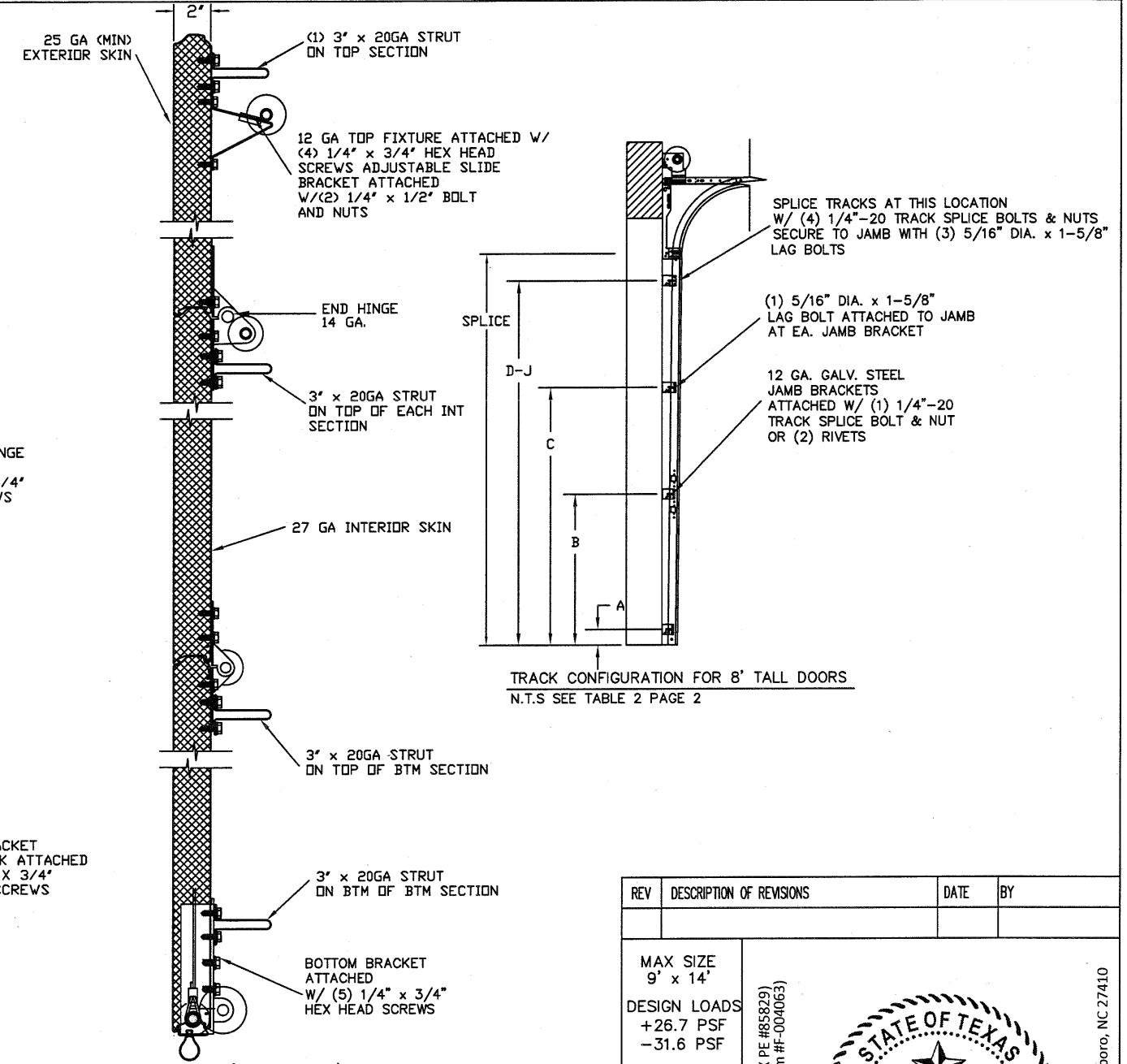
TYPICAL BOTTOM BRACKET
N.T.S.



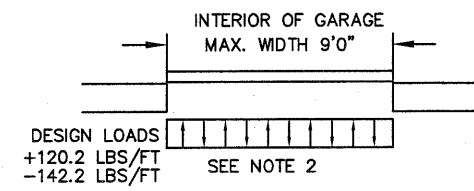
TYPICAL END HINGE
N.T.S.



TRACK MOUNTING DETAIL
N.T.S.



SECTION A-A (SIDE VIEW)
N.T.S.



SPECIFICATIONS AND NOTES

- 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.
- EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +120.2 LBS/FT & -142.2 LBS/FT
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 25 GA. EXTERIOR MIN. (.019"), AND 27 GA. INTERIOR MIN (.014) ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- DOOR IS MANUFACTURED AND TESTED IN ACCORDANCE WITH THE 2018 IRC/IBC

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

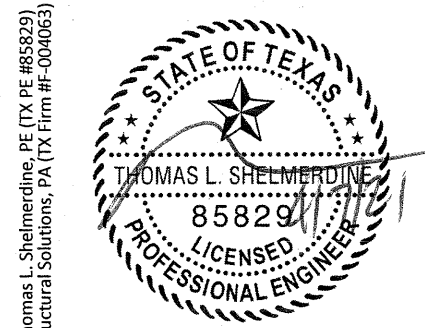
WIND SPEED (MPH)	169	153	145	139	133
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY
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MAX SIZE
9' x 14'

DESIGN LOADS
+26.7 PSF
-31.6 PSF

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



TX

Amarr

MODEL 3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	RLR	DATE	02/23/21	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	02/23/21	IRC-3309-130-15-F
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 1 OF 2

5921-G W. Friendly Ave., Greensboro, NC 27410

TABLE 1

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

TABLE 3

Section Width (ft)	Center Stile Location (Measured from Left Edge)	
	1st (in)	2st (in)
6' 0	24.644	47.3565
7' 0	29.144	54.857
7' 2	29.894	56.107
7' 4	30.644	57.357
7' 6	45.000	
7' 8	46.000	
7' 10	47.000	
8' 0	48.000	
8' 2	49.000	
8' 4	50.000	
8' 6	51.000	
8' 8	52.000	
8' 10	53.000	
9' 0	54.000	

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

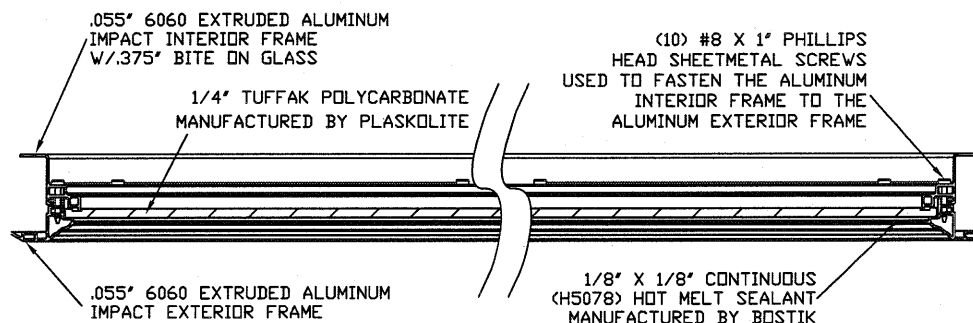
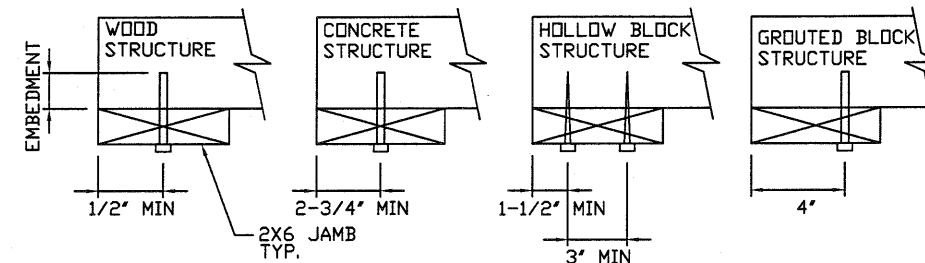
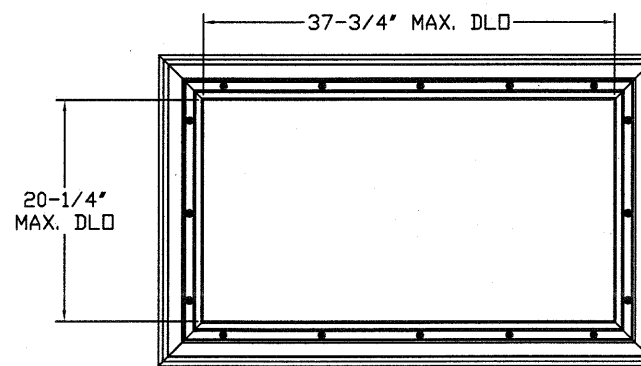


TABLE 2

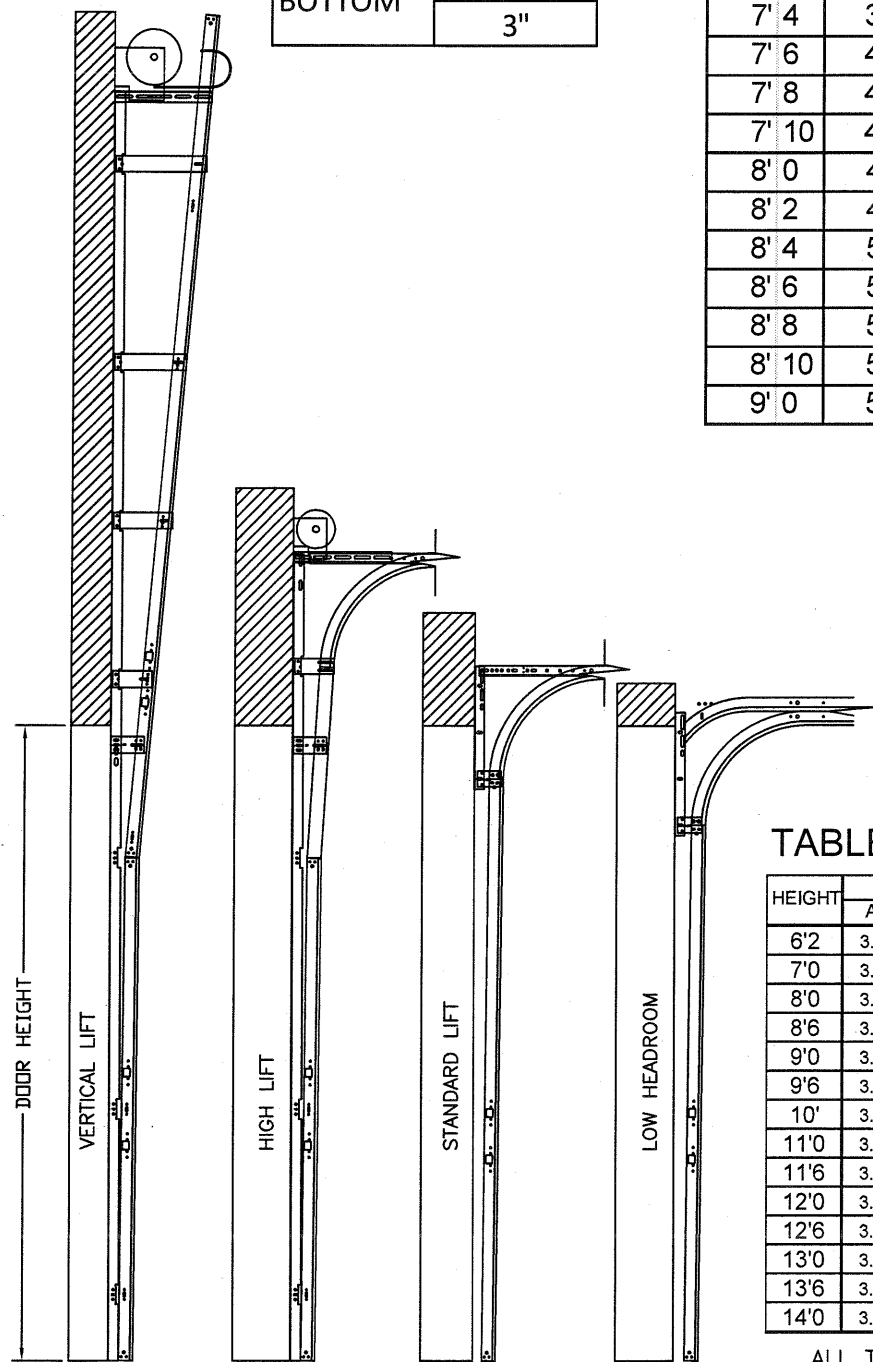
HEIGHT	TRACK ATTACHMENT									SPLICE
	A	B	C	D	E	F	G	H	I	
6'2	3.5	21"	39"	57"						66"
7'0	3.5	21"	39"	57"						76"
8'0	3.5	21"	39"	57"	75"					88"
8'6	3.5	21"	39"	57"	75"					94"
9'0	3.5	21"	39"	57"	75"	93"				100"
9'6	3.5	21"	39"	57"	75"	93"				106"
10'	3.5	21"	39"	57"	75"	93"				112"
11'0	3.5	21"	39"	57"	75"	93"	111"			124"
11'6	3.5	21"	39"	57"	75"	93"	111"			130"
12'0	3.5	21"	39"	57"	75"	93"	111"	129"		136"
12'6	3.5	21"	39"	57"	75"	93"	111"	129"		142"
13'0	3.5	21"	39"	57"	75"	93"	111"	129"		148"
13'6	3.5	21"	39"	57"	75"	93"	111"	129"	147"	154"
14'0	3.5	21"	39"	57"	75"	93"	111"	129"	147"	160"

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

SECTION C-C IMPACT WINDOW DETAIL N.T.S.



GLAZING FASTENER DETAIL N.T.S.

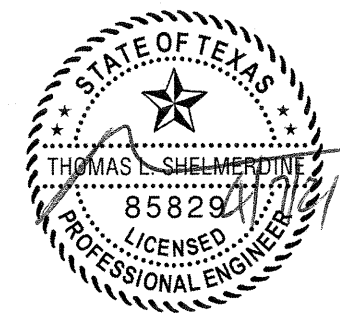


AVAILABLE TRACK CONFIGURATIONS N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 9' x 14'
 DESIGN LOADS +26.7 PSF -31.6 PSF
 TEST LOADS (1.5 x DESIGN LOADS) +40.1 PSF -47.4 PSF

Thomas L. Shelmerdine, PE (TX PE #85829)
 Structural Solutions, PA (TX Firm #004063)



5921-G.W. Friendly Ave., Greensboro, NC 27410



MODEL 3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	RLR	DATE	02/23/21	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	02/23/21	IRC-3309-130-15-F
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 2 OF 2