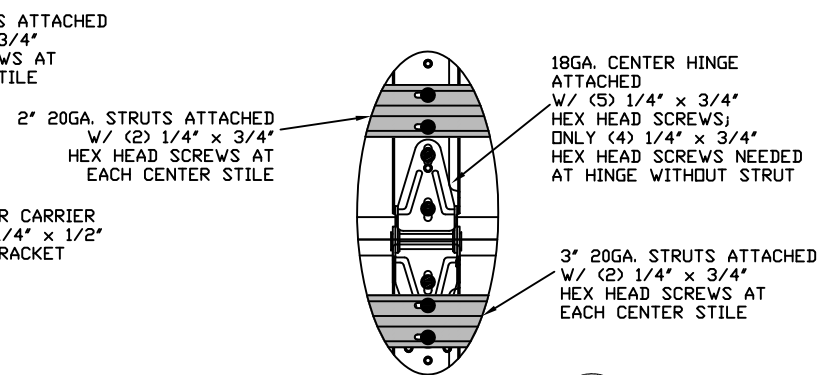
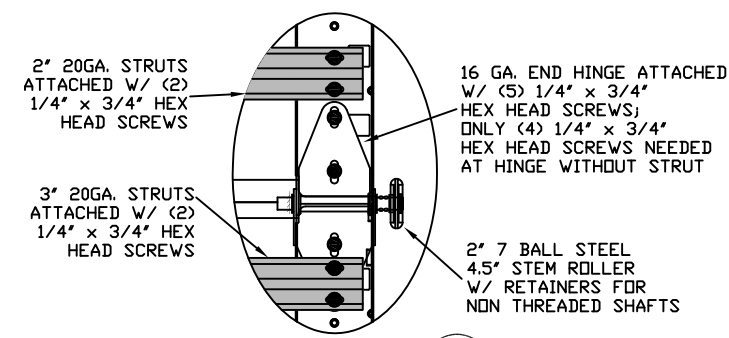


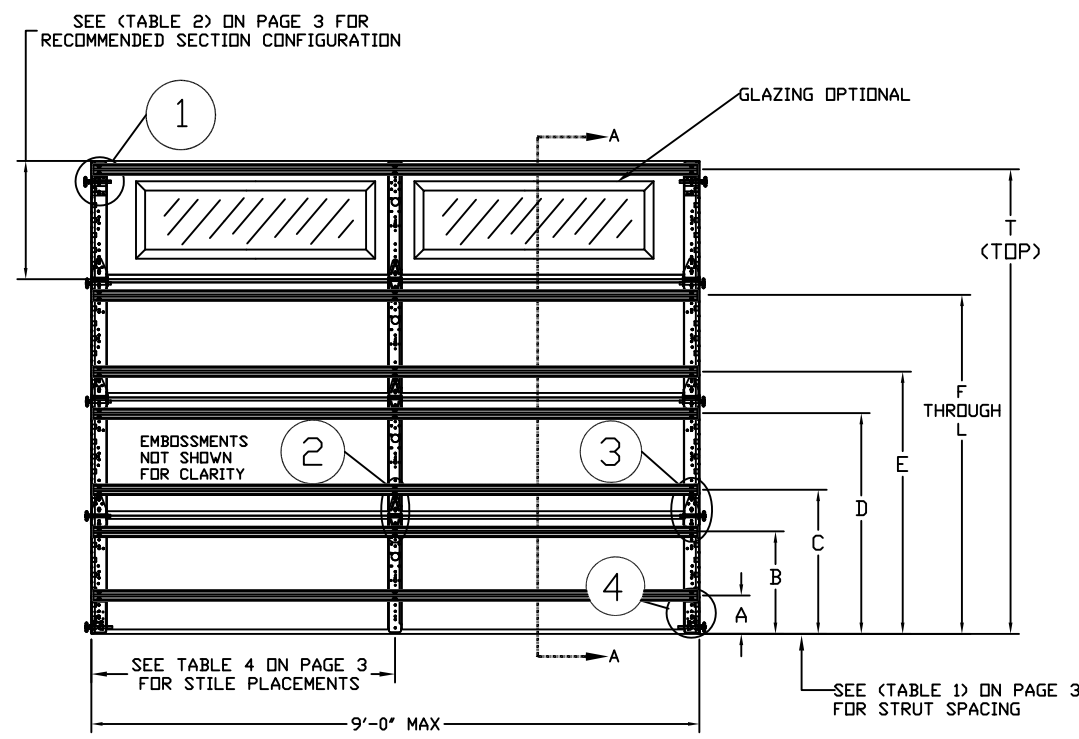
TYPICAL TOP FIXTURES
N.T.S.



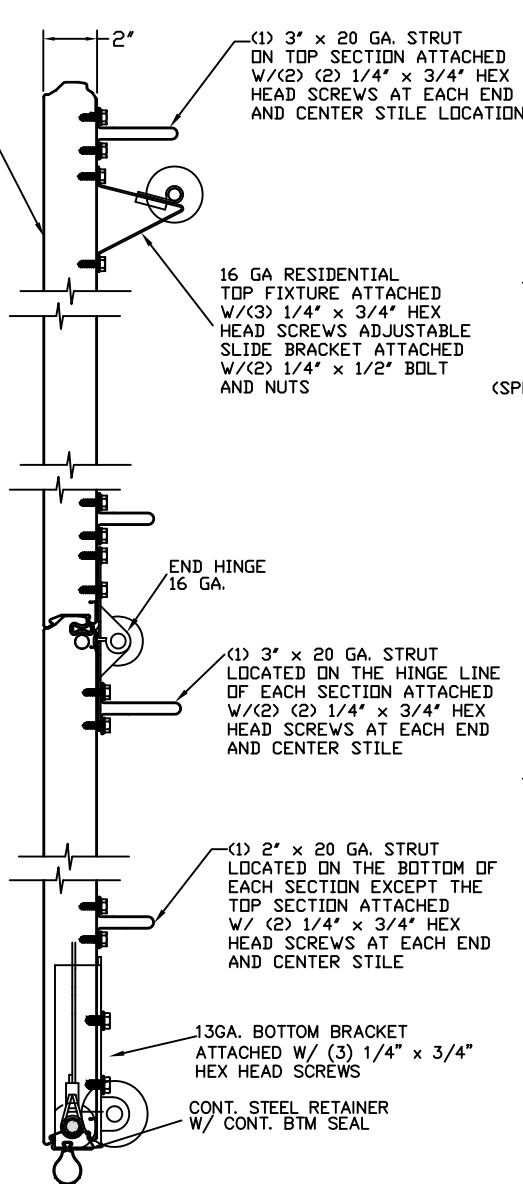
TYPICAL CENTER HINGE
N.T.S.



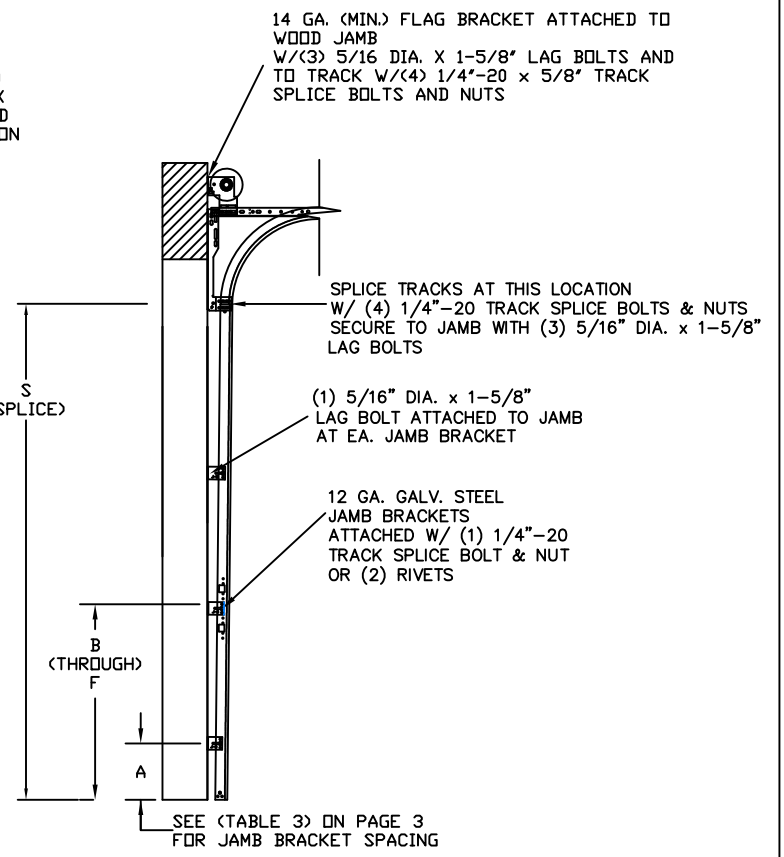
TYPICAL END HINGE
N.T.S.



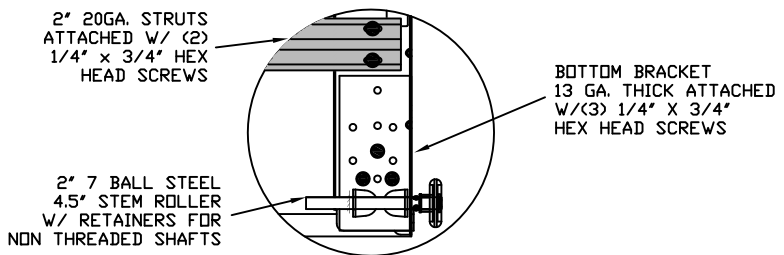
INSIDE ELEVATION
N.T.S.



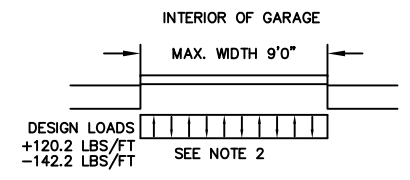
SECTION A-A (SIDE VIEW)
N.T.S.



TRACK CONFIGURATION FOR 6" UP TO 14' TALL DOORS
N.T.S.



TYPICAL BOTTOM BRACKET
N.T.S.

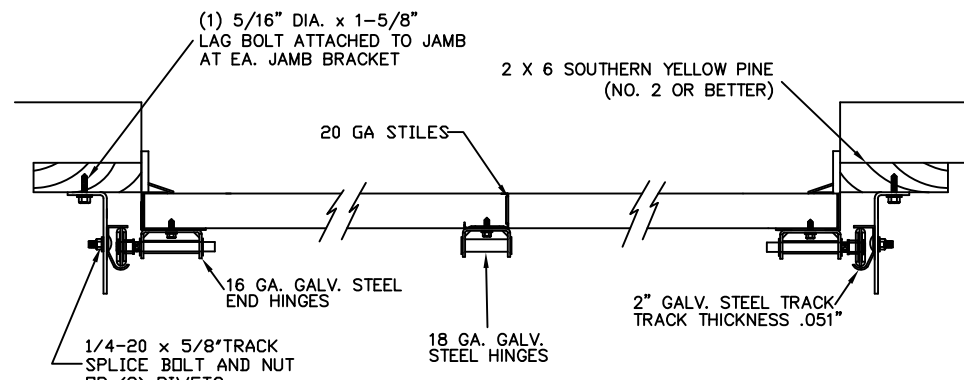


SPECIFICATIONS AND NOTES

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: +120.2 LBS/FT & -142.2 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. MIN. (.019") ROLLED FORMED LIGHT COMMERCIAL QUALITY
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. REFER TO TABLES ON PAGE 3 FOR ADDITIONAL DOOR WIDTHS AND THEIR DESIGN PRESSURES
7. 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):

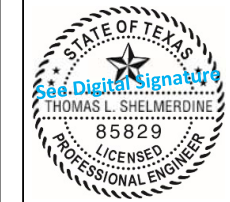
WIND SPEED (MPH)	168	152	145	138	133
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'



TRACK MOUNTING DETAIL
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	ADDED HERITAGE MODEL/DRAWING UPDATES	3/1/22	RLR

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



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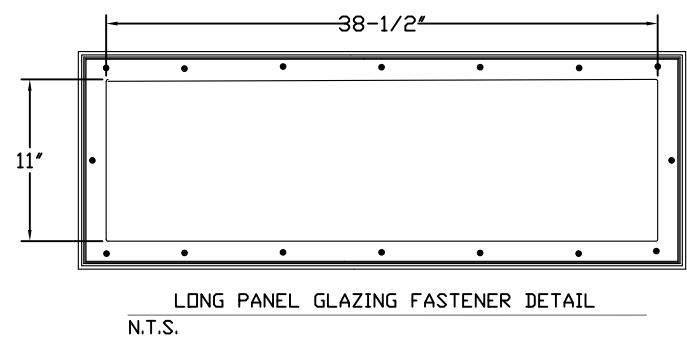
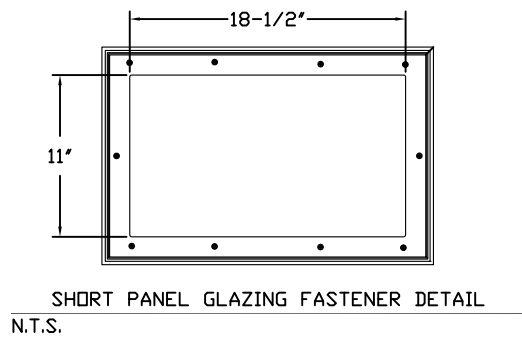
Thomas L. Shelmerdine, PE (TX PE #85829)
Structural Solutions, PA (TX Firm #F-004063)
5921-G.W. Friendly Ave., Greensboro, NC 27410 TX



MODEL #625 AMARR LINCOLN 1000, 2000
MODEL #675 AMARR HILLCREST 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000

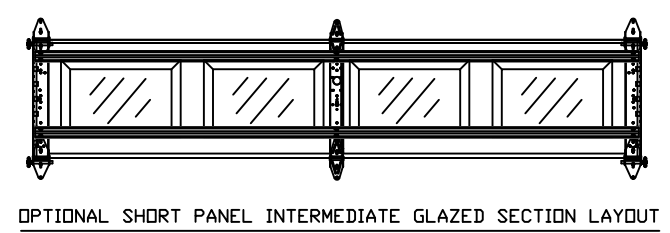
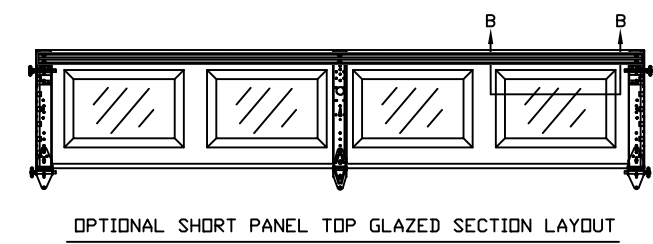
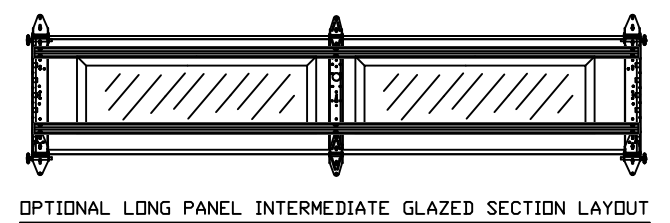
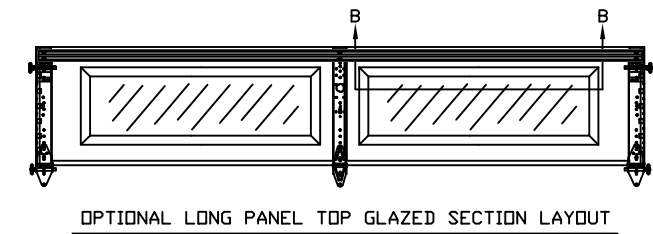
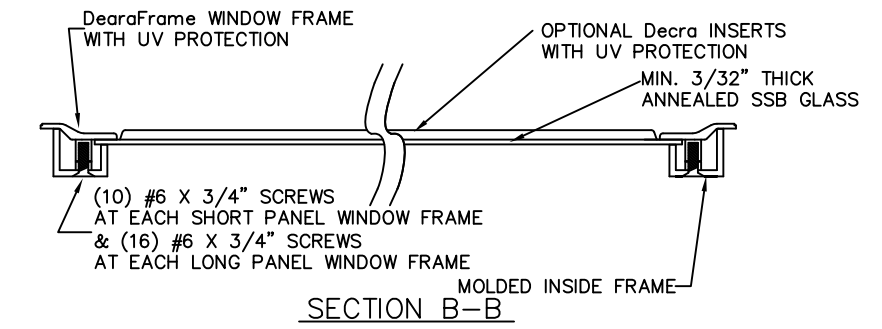
SIZE	DRAWN BY	RLR	DATE	10/22/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	10/22/15	IRC-6209-130-15

AMARR COMPANY
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 1 OF 3



GLAZING OPTION CROSS SECTION

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



WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

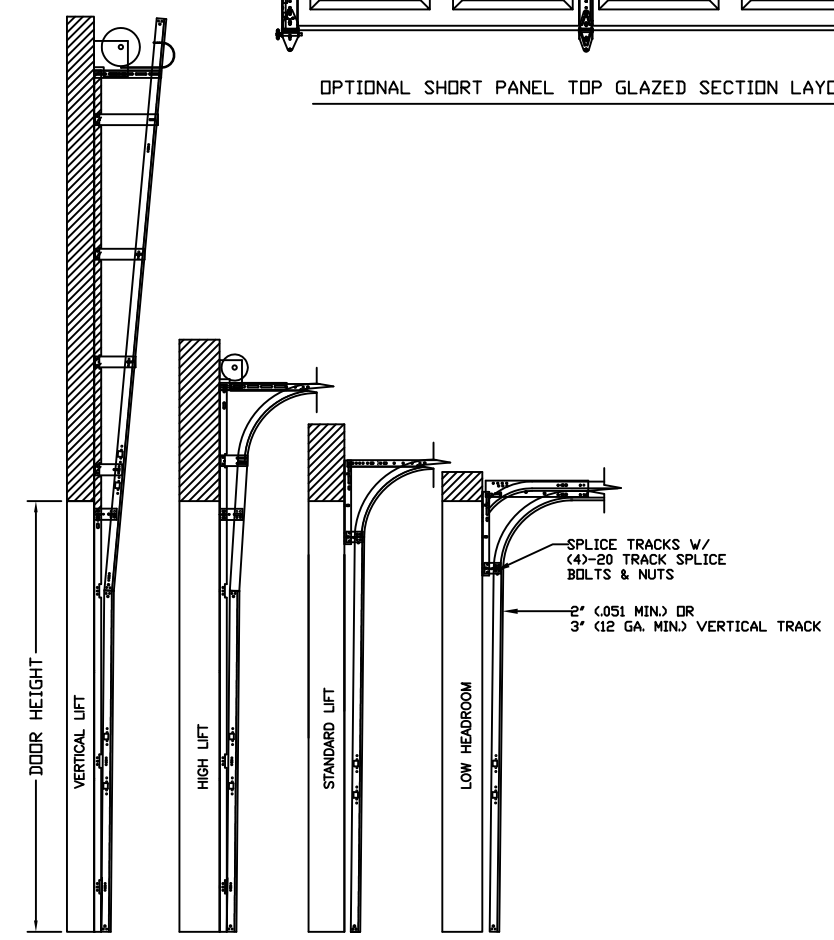
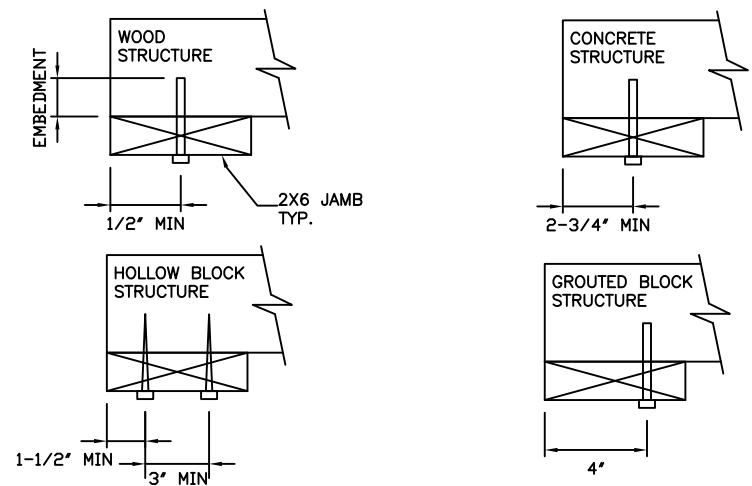
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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
A	ADDED HERITAGE MODEL/DRAWING UPDATES	3/1/22	RLR

MAX SIZE 9' x 14'	<p>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.</p>
DESIGN LOADS +26.7 PSF -31.6 PSF	
TEST LOADS +40.1 PSF -47.4 PSF	

Thomas L. Shelmerdine, PE (TX PE #85829)
Structural Solutions, PA (TX Firm #F-004063)
5921-G W. Friendly Ave., Greensboro, NC 27410 TX



MODEL #625 AMARR LINCOLN 1000, 2000
MODEL #675 AMARR HILLCREST 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000

SIZE B	DRAWN BY RLR	DATE 10/22/15	DRAWING NUMBER IRC-6209-130-15
	CHECKED BY RLR	DATE 10/22/15	

AMARR COMPANY
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 2 OF 3

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)												TOP	
	A	B	C	D	E	F	G	H	I	J	K	L		T
6' 6"	6 3/4"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"								76 1/2"
7'	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"								82 1/2"
7' 6"	6 3/4"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	69 1/4"	76 1/2"						88 1/2"
8'	6 3/4"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	72 1/4"	79 1/2"						94 1/2"
8' 6"	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	78 1/4"	85 1/2"						100 1/2"
9'	6 3/4"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	69 1/4"	76 1/2"	87 1/4"					106 1/2"
9' 6"	6 3/4"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	72 1/4"	79 1/2"	90 1/4"					112 1/2"
10'	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	78 1/4"	85 1/2"	96 1/4"					118 1/2"
10' 6"	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	81 1/4"	88 1/2"	102 1/4"					124 1/2"
11'	6 3/4"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	72 1/4"	79 1/2"	90 1/4"	108 1/4"	115 1/2"			130 1/2"
11' 6"	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	78 1/4"	85 1/2"	96 1/4"	114 1/4"	121 1/2"			136 1/2"
12'	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	81 1/4"	88 1/2"	102 1/4"	120 1/4"	127 1/2"			142 1/2"
12' 6"	6 3/4"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	72 1/4"	79 1/2"	90 1/4"	108 1/4"	115 1/2"	126 1/4"	148 1/2"	
13'	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	72 1/4"	79 1/2"	90 1/4"	108 1/4"	115 1/2"	126 1/4"	154 1/2"	
13' 6"	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	81 1/4"	88 1/2"	102 1/4"	120 1/4"	127 1/2"	138 1/4"	160 1/2"	
14'	6 3/4"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	81 1/4"	88 1/2"	102 1/4"	123 1/4"	130 1/2"	144 1/4"	166 1/2"	

TABLE 2

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"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	
6' 6"	10"	38"	58"					70"
7'	10"	38"	58"					76"
7' 6"	4"	28"	52"	76"				82"
8'	10"	34"	58"	82"				88"
8' 6"	4"	28"	52"	76"				94"
9'	10"	34"	58"	82"				100"
9' 6"	4"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	106"			112"
10' 6"	4"	28"	52"	76"	100"			118"
11'	10"	34"	58"	82"	106"			124"
11' 6"	4"	28"	52"	76"	100"	124"		130"
12'	10"	34"	58"	82"	106"	130"		136"
12' 6"	4"	28"	52"	76"	100"	124"		142"
13'	10"	34"	58"	82"	106"	130"		148"
13' 6"	4"	28"	52"	76"	100"	124"	148"	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

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

TABLE 4

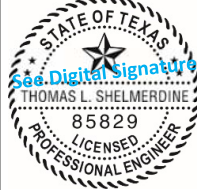
Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)	Max Design Loads Allowed	
			Positive (PSF)	Negative (PSF)
8' 0"	Short, Bead Board	48.000	30.0	35.5
8' 0"	Long	48.000	30.0	35.5
8' 2"	Short, Bead Board	49.000	29.4	34.8
8' 2"	Long	49.000	29.4	34.8
8' 4"	Short, Bead Board	50.000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

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	ADDED HERITAGE MODEL/DRAWING UPDATES	3/1/22	RLR

MAX SIZE
9' x 14'

DESIGN LOADS
+26.7 PSF
-31.6 PSF


TEST LOADS
+40.1 PSF
-47.4 PSF



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TX



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SIZE	DRAWN BY	RLR	DATE	10/22/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	10/22/15	IRC-6209-130-15
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, NC. 27105					SHEET 3 OF 3