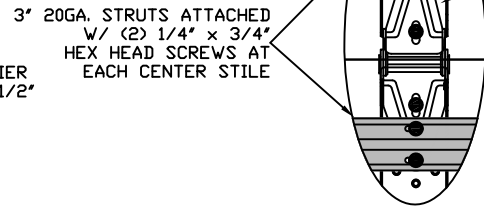
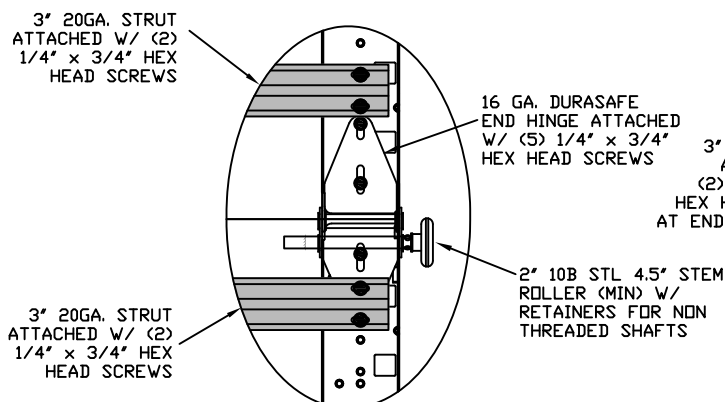
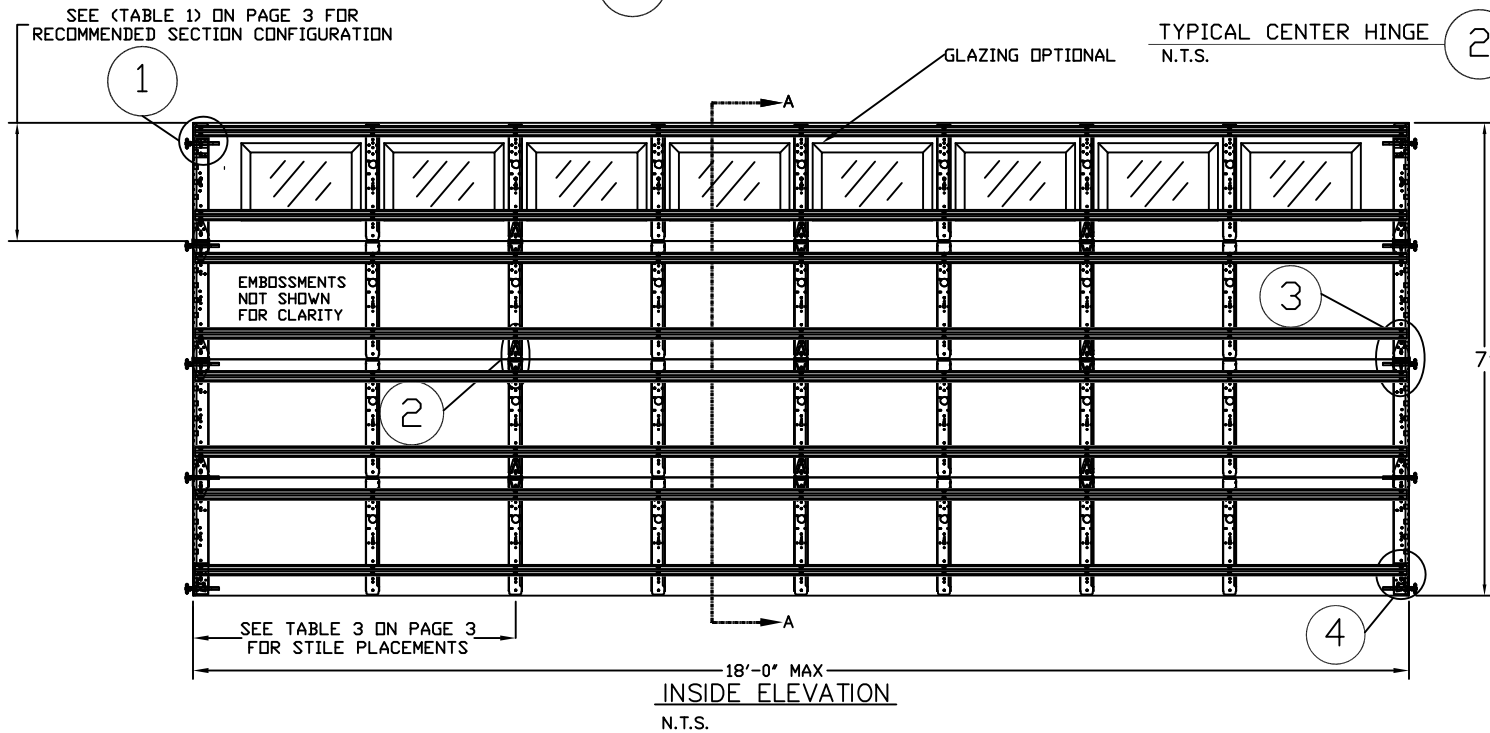


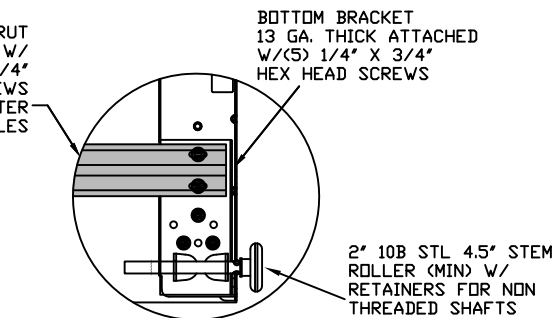
TYPICAL TOP FIXTURES  
N.T.S.



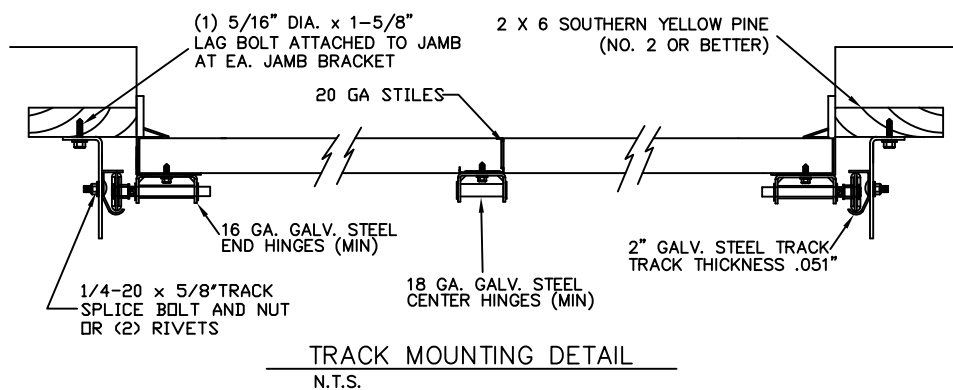
TYPICAL CENTER HINGE  
N.T.S.



TYPICAL END HINGE  
N.T.S.



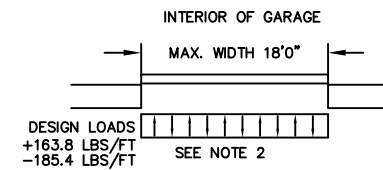
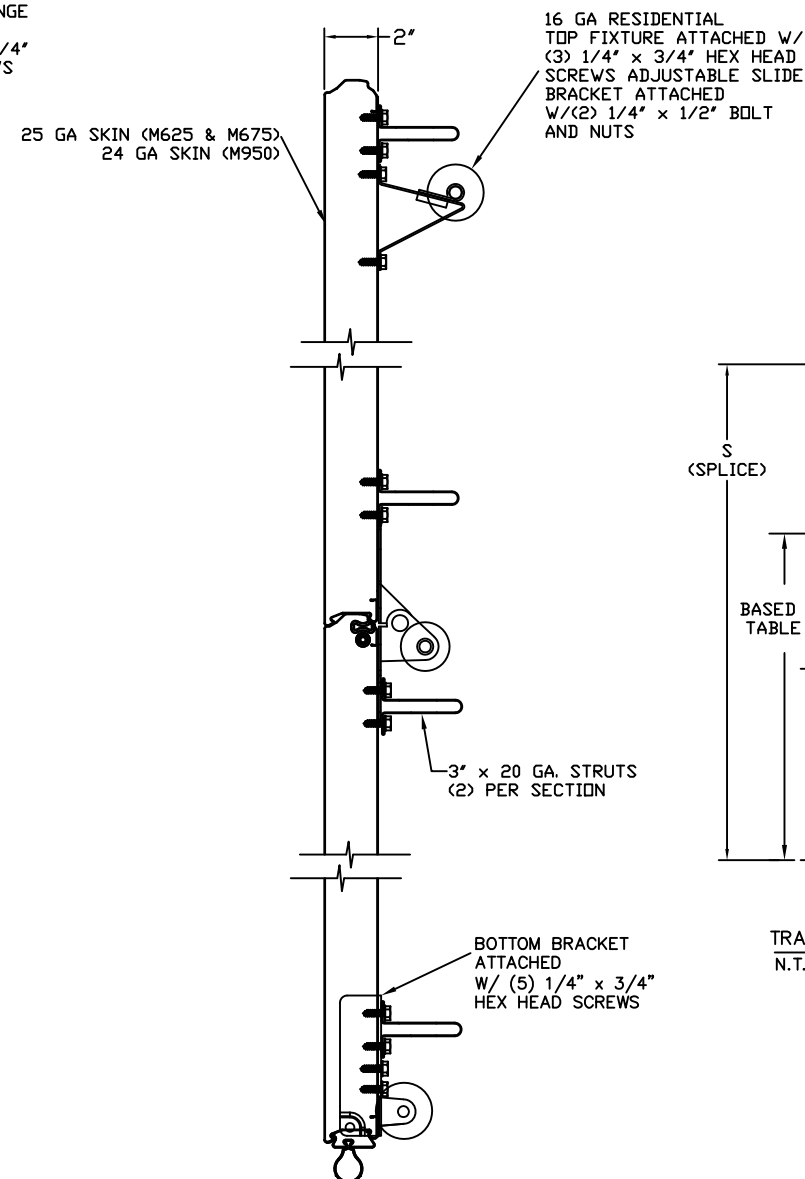
TYPICAL BOTTOM BRACKET  
N.T.S.



NOTE: FOR STRUT SCHEDULE SEE TABLE 4 ON PAGE 3

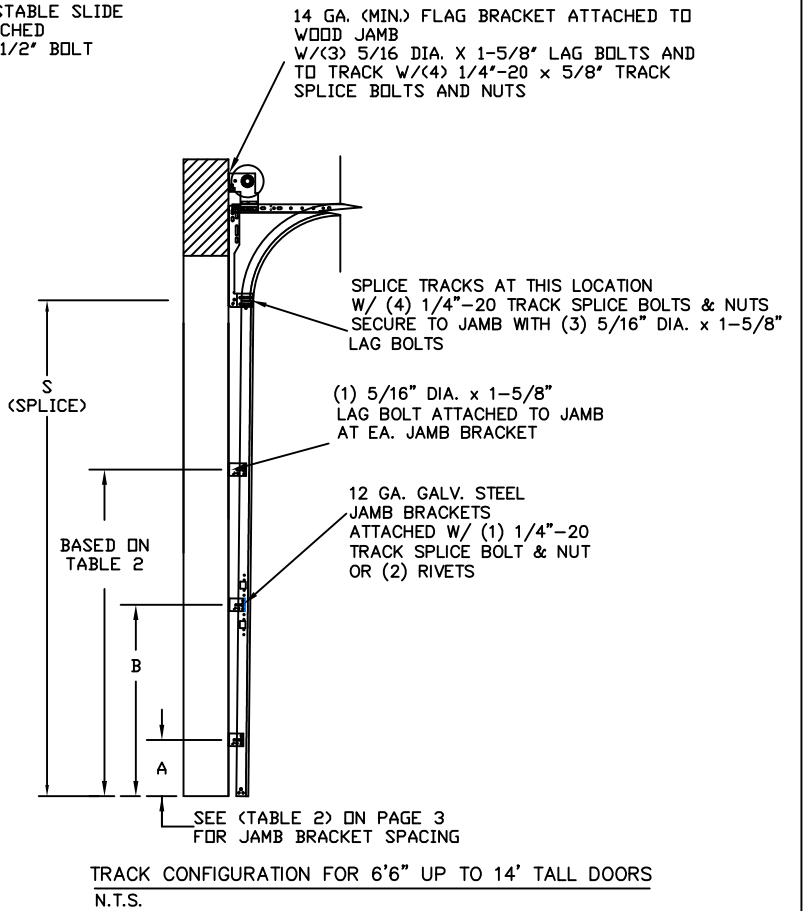
THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	142	129	123	117	112
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'



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 JAMB RECEIVES MAXIMUM DESIGN LOADS OF: +163.8 LBS/FT & -185.4 LBS/FT
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 25 GA. MIN. (.019") ROLLED FORMED LIGHT COMMERCIAL QUALITY
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- REFER TO TABLES ON PAGE 3 FOR ADDITIONAL DOOR WIDTHS AND THEIR DESIGN PRESSURES
- DOOR IS MANUFACTURED AND TESTED IN ACCORDANCE WITH THE 2018 IRC/IBC

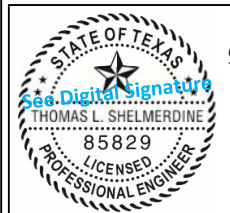


REV	DESCRIPTION OF REVISIONS	DATE	BY
A	ADDED HERITAGE MODEL/DRAWING UPDATES	3/1/22	RLR

MAX SIZE  
18' x 14'

DESIGN LOADS  
+18.2 PSF  
-20.6 PSF

TEST LOADS  
(1.5 x DESIGN LOADS)  
+27.3 PSF  
-30.9 PSF



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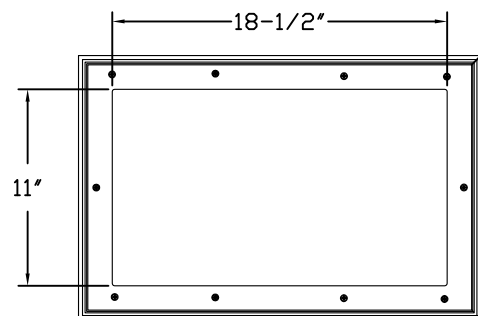
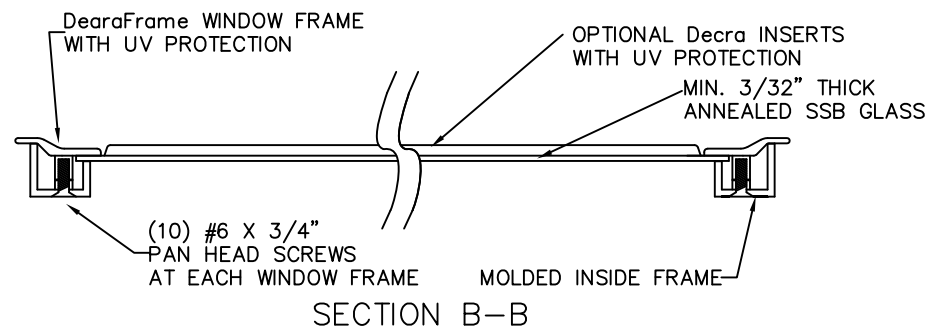
MODEL #625 AMARR LINCOLN 1000, 2000  
MODEL #675 AMARR HILLCREST 1000, 2000  
MODEL #950 AMARR HERITAGE 1000, 2000

SIZE	DRAWN BY	DRC	DATE	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE 5/22/19	IRC-6218-110-15

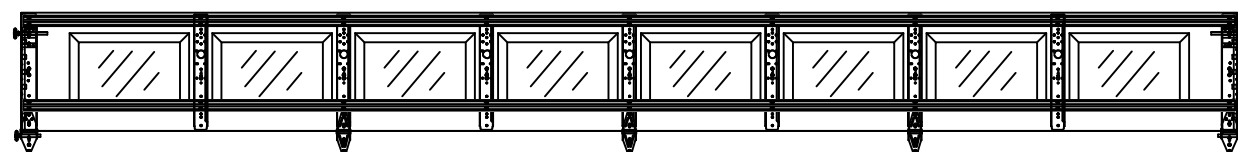
AMARR COMPANY  
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 1 OF 3

# GLAZING OPTION CROSS SECTION

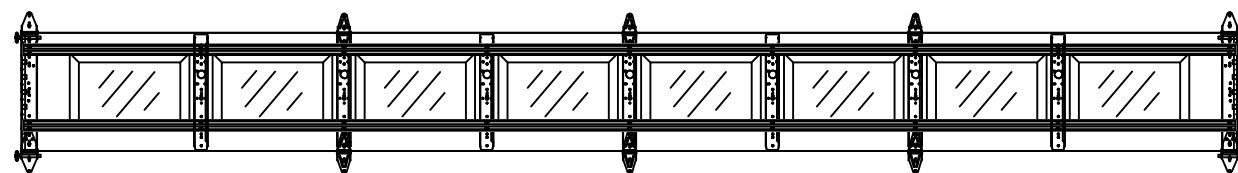
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



SHORT PANEL GLAZING FASTENER DETAIL  
N.T.S.



SHORT PANEL TOP GLAZED SECTION (STRUT AND STILE LAYOUT)



SHORT PANEL INTERMEDIATE GLAZED SECTION (STRUT AND STILE LAYOUT)

# WOOD JAMB ATTACHMENT TO STRUCTURE

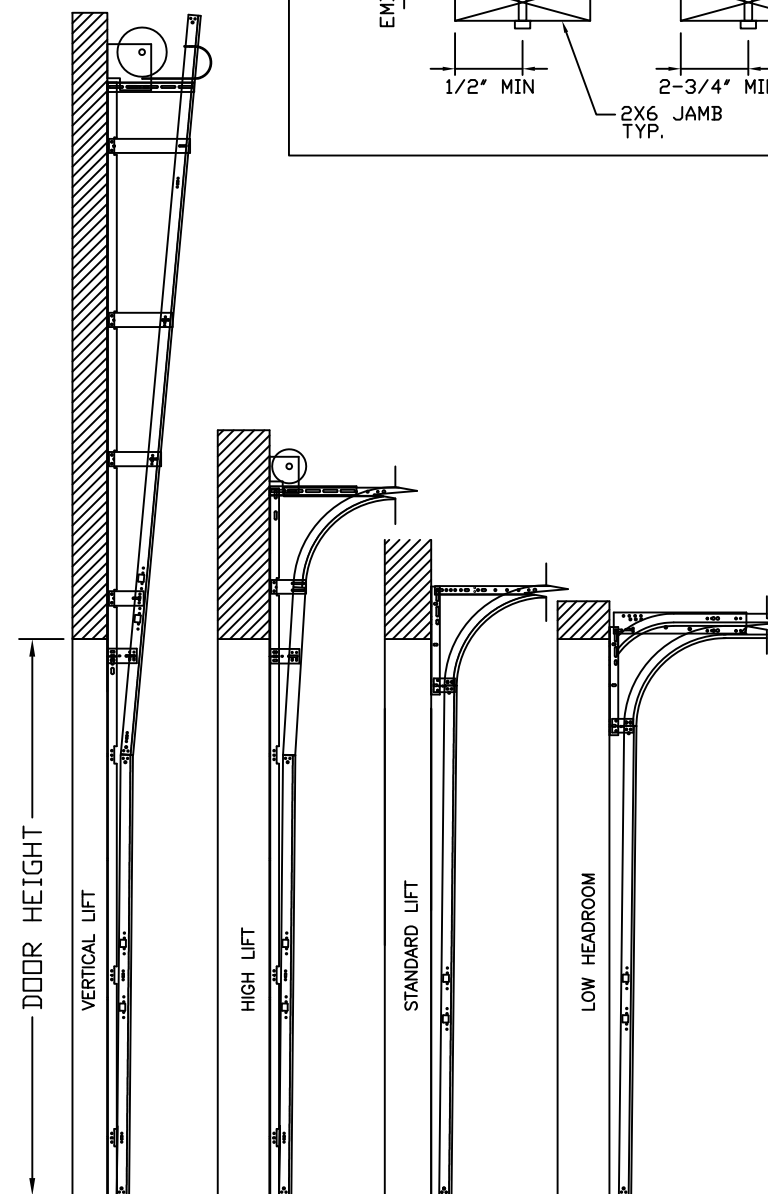
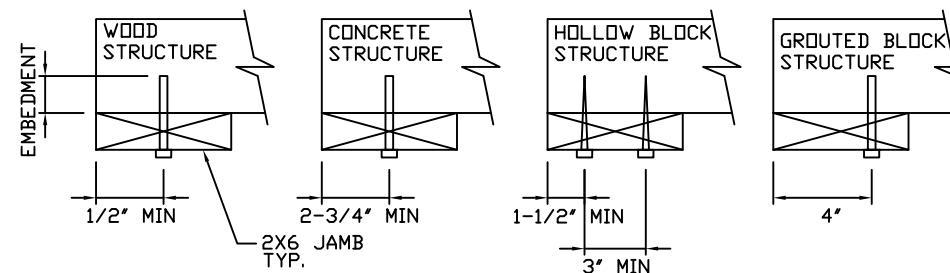
**2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE**  
 5/16" X 3' LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

**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 16" 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 16" 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



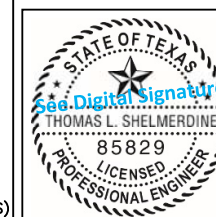
AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

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

MAX SIZE  
18' x 14'

DESIGN LOADS  
+18.2 PSF  
-20.6 PSF

TEST LOADS  
(1.5 x DESIGN LOADS)  
+27.3 PSF  
-30.9 PSF



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 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	DRC	DATE	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE 5/22/19	IRC-6218-110-15
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105				SHEET 2 OF 3

TABLE 1

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 2

DOOR HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	S	
6' 6"	10"	21"	38"	58"					70"
7'	10"	21"	38"	58"					76"
7' 6"	10"	21"	38"	58"	78"				82"
8'	10"	21"	38"	58"	78"				88"
8' 6"	10"	21"	38"	58"	78"				94"
9'	10"	21"	38"	58"	78"				100"
9' 6"	10"	21"	38"	58"	78"	98"			106"
10'	10"	21"	38"	58"	78"	98"			112"
10' 6"	10"	21"	38"	58"	78"	98"			118"
11'	10"	21"	38"	58"	78"	98"	118"		124"
11' 6"	10"	21"	38"	58"	78"	98"	118"		130"
12'	10"	21"	38"	58"	78"	98"	118"		136"
12' 6"	10"	21"	38"	58"	78"	98"	118"		142"
13'	10"	21"	38"	58"	78"	98"	118"	138"	148"
13' 6"	10"	21"	38"	58"	78"	98"	118"	138"	154"
14'	10"	21"	38"	58"	78"	98"	118"	138"	160"

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

TABLE 3

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)							Max Design Loads Allowed	
		^1st (in)	2st (in)	^3rd (in)	4th (in)	^5th (in)	6th (in)	^7th (in)	Positive (PSF)	Negative (PSF)
16' 2"	Short	26.91	50.27	73.64	97.00	120.36	143.73	167.09	20.2	22.8
16' 2"	Long	28.25	51.17	74.08	97.00	119.92	142.83	165.75	20.2	22.8
16' 2"	Bead Board	18.22	48.75	72.88	97.00	121.13	145.25	175.78	20.2	22.8
16' 4"	Short	27.91	51.27	74.64	98.00	121.36	144.73	168.09	20.0	22.6
16' 4"	Long	29.25	52.17	75.08	98.00	120.92	143.83	166.75	20.0	22.6
16' 4"	Bead Board	18.65	49.08	73.54	98.00	122.46	146.92	177.35	20.0	22.6
16' 6"	Short	28.91	52.27	75.64	99.00	122.36	145.73	169.09	19.8	22.4
16' 6"	Long	27.51	51.34	75.17	99.00	122.83	146.66	170.49	19.8	22.4
16' 6"	Bead Board	19.11	49.42	74.21	99.00	123.79	148.59	178.90	19.7	22.3
16' 8"	Short	27.01	51.34	75.67	100.00	124.33	148.66	172.99	19.6	22.1
16' 8"	Long	28.30	52.20	76.10	100.00	123.90	147.80	171.70	19.6	22.1
16' 8"	Bead Board	19.70	49.92	74.96	100.00	125.04	150.09	180.30	19.5	22.1
16' 10"	Short	26.75	51.50	76.25	101.00	125.75	150.50	175.25	19.4	21.9
16' 10"	Long	29.30	53.20	77.10	101.00	124.90	148.80	172.70	19.4	21.9
16' 10"	Bead Board	20.06	50.15	75.57	101.00	126.29	151.59	181.68	19.3	21.8
17' 0"	Short	29.01	53.34	77.67	102.00	126.33	150.66	174.99	19.2	21.7
17' 0"	Long	30.30	54.20	78.10	102.00	125.90	149.80	173.70	19.2	21.7
17' 0"	Bead Board	20.89	50.92	76.46	102.00	127.54	153.09	183.11	19.1	21.7
17' 2"	Short	28.00	53.00	78.00	103.00	128.00	153.00	178.00	19.0	21.5
17' 2"	Long	31.30	55.20	79.10	103.00	126.90	150.80	174.70	19.0	21.5
17' 2"	Bead Board	21.49	51.42	77.21	103.00	128.79	154.59	184.51	19.0	21.5
17' 4"	Short	29.00	54.00	79.00	104.00	129.00	154.00	179.00	18.8	21.3
17' 4"	Long	32.30	56.20	80.10	104.00	127.90	151.80	175.70	18.8	21.3
17' 4"	Bead Board	22.08	51.92	77.96	104.00	130.04	156.09	185.92	18.8	21.3
17' 6"	Short	30.00	55.00	80.00	105.00	130.00	155.00	180.00	18.6	21.1
17' 6"	Long	33.30	57.20	81.10	105.00	128.90	152.80	176.70	18.6	21.1
17' 6"	Bead Board	22.67	52.42	78.71	105.00	131.29	157.59	187.33	18.6	21.0
17' 8"	Short	29.20	54.80	80.40	106.00	131.60	157.20	182.80	18.5	20.9
17' 8"	Long	30.70	55.80	80.90	106.00	131.10	156.20	181.30	18.5	20.9
17' 8"	Bead Board	23.26	52.92	79.46	106.00	132.54	159.09	188.75	18.4	20.9
17' 10"	Short	30.20	55.80	81.40	107.00	132.60	158.20	183.80	18.3	20.7
17' 10"	Long	30.88	56.25	81.63	107.00	132.38	157.75	183.13	18.3	20.7
17' 10"	Bead Board	23.84	53.42	80.21	107.00	133.79	160.59	190.16	18.2	20.7
18' 0"	Short	31.88	57.25	82.63	108.00	133.38	158.75	184.13	18.2	20.6
18' 0"	Long	32.70	57.80	82.90	108.00	133.10	158.20	183.30	18.2	20.6
18' 0"	Bead Board	24.37	53.92	80.96	108.00	135.04	162.09	191.64	18.2	20.6

^ Stiles are not hinged.

^ May use universal stiles in place of standard stiles

TABLE 4

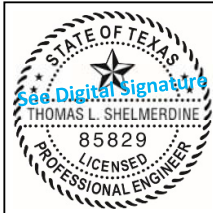
SECTION	STRUT SIZE
8TH	3"
	3"
7TH	3"
	3"
6TH	3"
	3"
5TH	3"
	3"
4TH	3"
	3"
3RD	3"
	3"
2ND	3"
	3"
BOTTOM	3"
	3"

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

MAX SIZE  
18' x 14'

DESIGN LOADS  
+18.2 PSF  
-20.6 PSF


TEST LOADS  
(1.5 x DESIGN LOADS)  
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-30.9 PSF



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**TX**



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

SIZE	DRAWN BY	DRC	DATE	5/20/19	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	5/22/19	IRC-6218-110-15

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

SHEET 3 OF 3