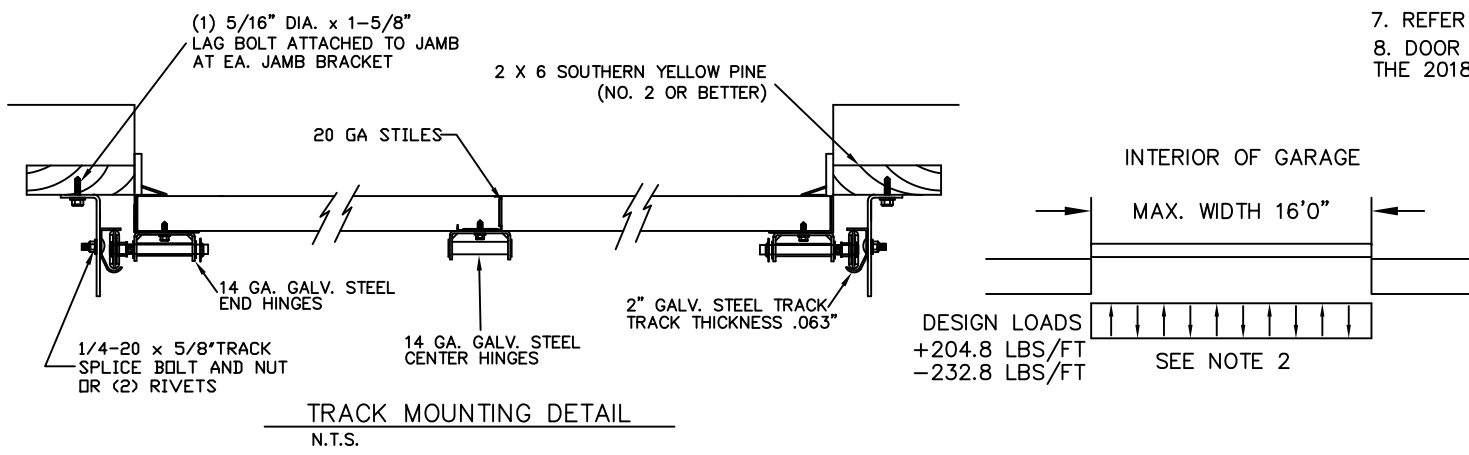


- SPECIFICATIONS AND NOTES**
- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
 - EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +204.8 LBS/FT & -232.8 LBS/FT
 - DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
 - DOOR SECTIONS SHALL BE 25 GA. (.019) MIN. 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
 - REFER TO TABLE 4 ON PAGE 3 FOR STRUT SCHEDULE
 - 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 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)	167	152	144	138	132
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

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

MAX SIZE
16' x 14'

DESIGN LOADS
+25.6 PSF
-29.1 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+38.4 PSF
-43.6 PSF

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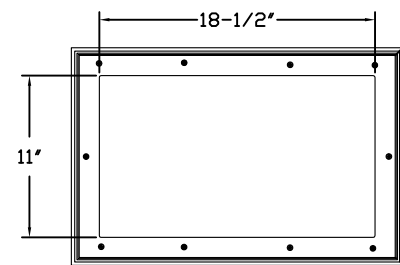
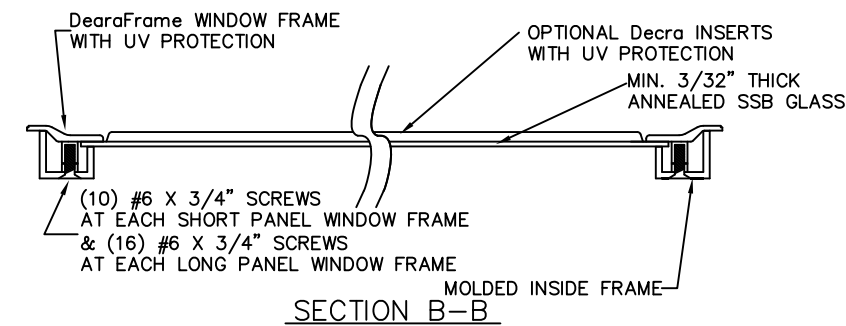


MODEL #625 AMARR LINCOLN 1000, 2000
MODEL #675 AMARR HILLCREST 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000

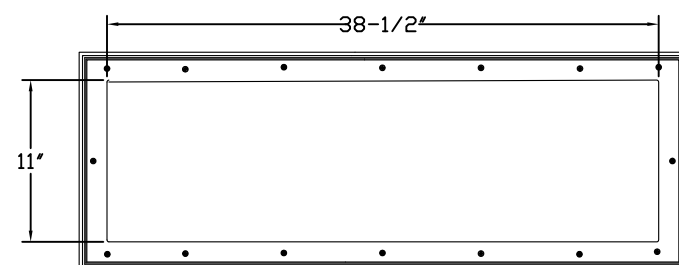
SIZE	DRAWN BY DRC	DATE 02/19/20	DRAWING NUMBER
B	CHECKED BY DLJ	DATE 02/22/20	IRC-6216-130-17-L
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 1 OF 3

GLAZING OPTION CROSS SECTION

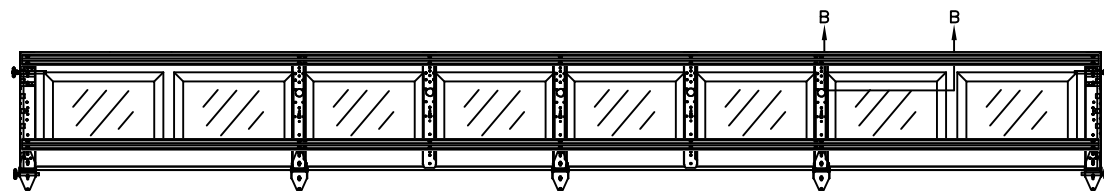
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



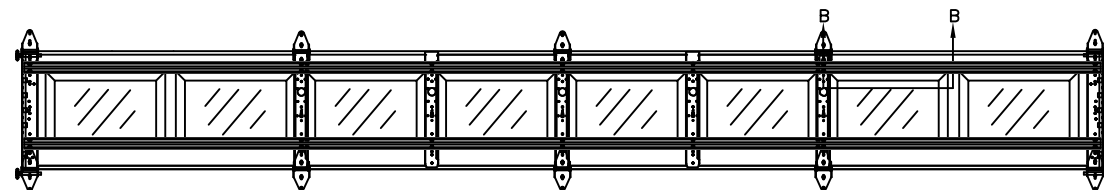
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



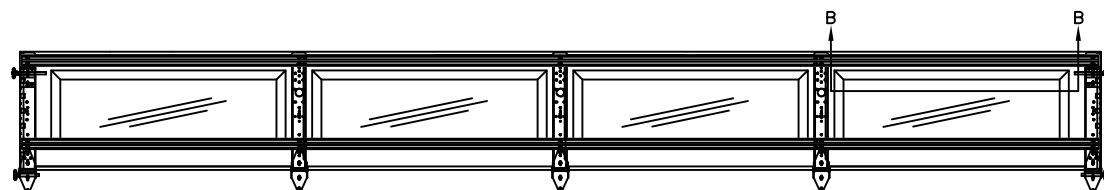
LONG PANEL GLAZING FASTENER DETAIL
N.T.S.



OPTIONAL SHORT PANEL TOP GLAZED SECTION (STRUT AND STILE LAYOUT)

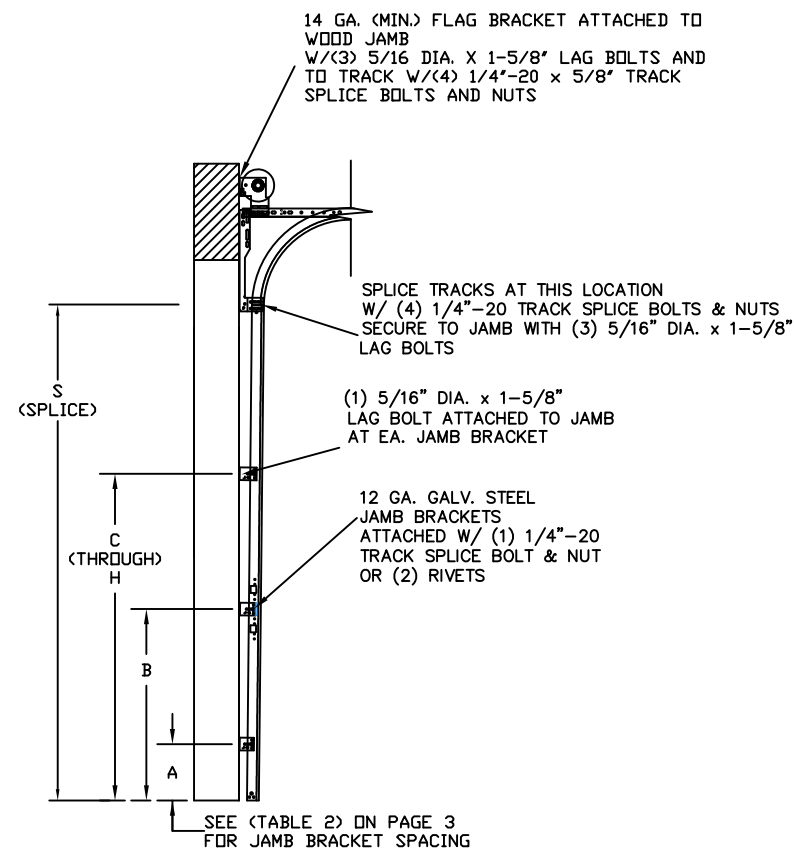


OPTIONAL SHORT PANEL INTERMEDIATE GLAZED SECTION (STRUT AND STILE LAYOUT)

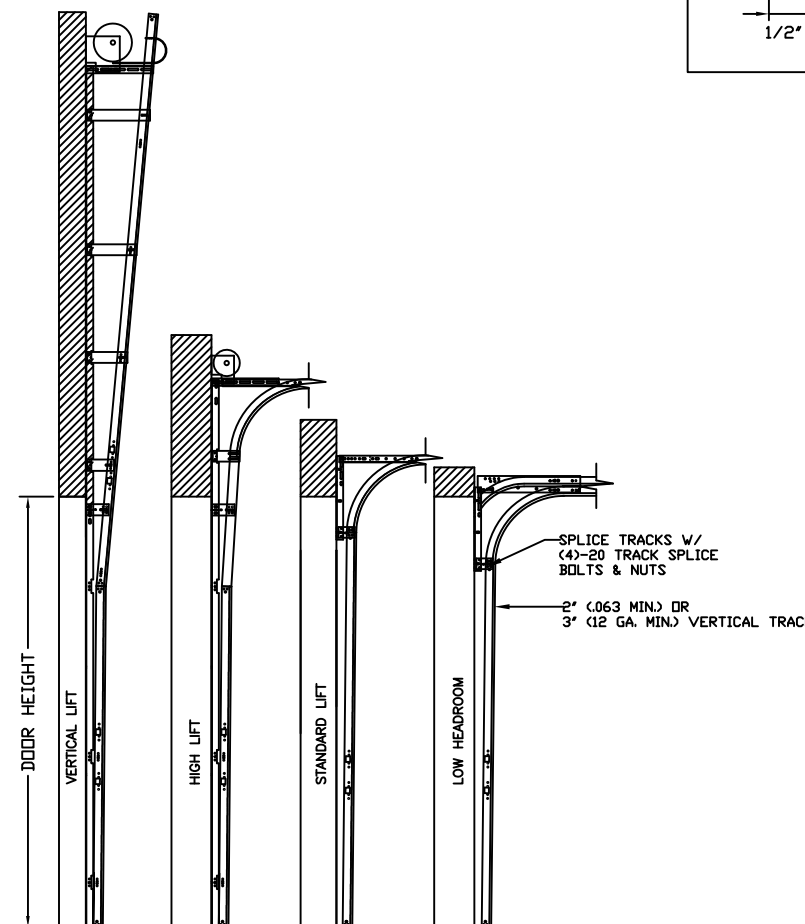


OPTIONAL LONG PANEL TOP GLAZED SECTION (STRUT AND STILE LAYOUT)

* LONG PANEL GLASS CAN ONLY BE IN TOP SECTION



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

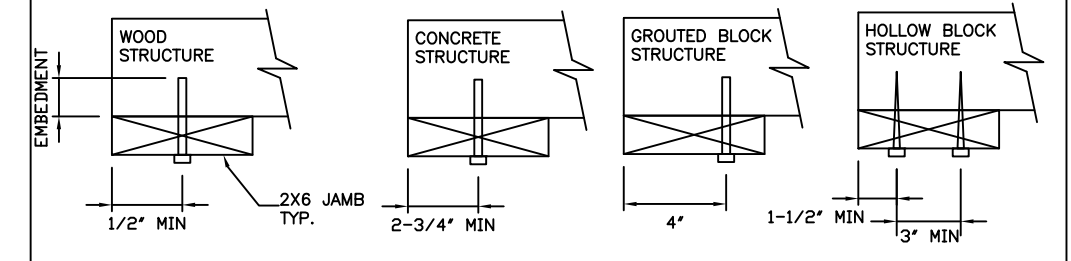


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

TABLE 4

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 20" 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



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

MAX SIZE
16' x 14'
DESIGN LOADS
+25.6 PSF
-29.1 PSF
TEST LOADS
(1.5 x DESIGN LOADS)
+38.4 PSF
-43.6 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.

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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	DATE	DRAWING NUMBER
B	DRC	02/19/20	IRC-6216-130-17-L
	DLJ	02/22/20	

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	H	
6' 6"	10"	21"	39"	57"					70"
7'	10"	21"	42"	63"					76"
7' 6"	10"	18"	36"	54"	72"				82"
8'	10"	21"	39"	57"	75"				88"
8' 6"	10"	21"	42"	63"	81"				94"
9'	10"	18"	36"	54"	72"	90"			100"
9' 6"	10"	21"	39"	57"	75"	93"			106"
10'	10"	21"	42"	63"	81"	99"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11'	10"	21"	39"	57"	75"	93"	111"		124"
11' 6"	10"	21"	42"	63"	81"	99"	117"		130"
12'	10"	21"	42"	63"	84"	105"	123"		136"
12' 6"	10"	21"	39"	57"	75"	93"	111"	129"	142"
13'	10"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	10"	21"	42"	63"	84"	105"	123"	141"	154"
14'	10"	21"	42"	63"	84"	105"	126"	147"	160"

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

TABLE 3

Section	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)
10' 0"	Short	25.22	48.41	71.59	94.78				40.9	46.5
10' 0"	Long	30.00	60.00	90.00					40.9	46.5
10' 0"	Bead Board	30.63	60.00	89.38					40.9	46.5
12' 0"	Short	25.62	^48.81	72.00	^095.19	118.38			26.4	30.1
12' 0"	Long	27.25	^49.63	72.00	^094.38	116.75			27.4	31.2
12' 0"	Bead Board	24.63	^48.31	72.00	^095.69	119.38			25.9	29.4
12' 2"	Short	26.27	^49.64	73.00	^096.36	119.73			26.2	29.8
12' 2"	Long	27.17	^50.08	73.00	^095.92	118.83			26.8	30.4
12' 2"	Bead Board	25.13	^49.06	73.00	^096.94	120.88			25.6	29.1
12' 4"	Short	27.27	^50.64	74.00	^097.36	120.73			26.2	29.8
12' 4"	Long	28.17	^51.08	74.00	^096.92	119.83			26.8	30.4
12' 6"	Long	27.34	^51.17	75.00	^098.83	122.66			25.7	29.3
12' 8"	Long	28.20	^52.10	76.00	^099.90	123.80			25.7	29.2
12' 10"	Long	29.20	^53.10	77.00	^100.90	124.80			25.7	29.2
13' 0"	Long	30.20	^54.10	78.00	^101.90	125.80			25.7	29.2
13' 2"	Long	31.20	^55.10	79.00	^102.90	126.80			25.7	29.2
14' 8"	Long	44.81	^66.41	88.00	^109.59	131.19			27.9	31.7
14' 10"	Long	45.60	^67.30	89.00	^110.70	132.40			27.6	31.3
15' 0"	Short	61.94	^75.94	89.94	^103.94	117.94			27.2	31.0
15' 0"	Long	46.60	^68.30	90.00	^111.70	133.40			27.3	31.0
15' 2"	Short	62.66	^76.80	90.94	^105.08	119.21			26.9	30.6
15' 2"	Long	47.60	^69.30	91.00	^112.70	134.40			27.0	30.6
15' 4"	Short	28.00	^53.60	79.20	104.80	^130.40	156.00		26.7	30.3
15' 4"	Long	47.25	^69.63	92.00	^114.38	136.75			26.7	30.3
15' 6"	Short	^23.44	46.62	^69.81	93.00	^116.19	139.38	^162.56	26.4	30.0
15' 6"	Long	^24.90	47.60	^70.30	93.00	^115.70	138.40	^161.10	26.4	30.0
15' 6"	Bead Board	^24.63	47.42	^70.21	93.00	^115.79	138.58	^161.37	26.4	30.0
15' 8"	Short	^24.44	47.62	^70.81	94.00	^117.19	140.38	^163.56	26.1	29.7
15' 8"	Long	^25.90	48.60	^71.30	94.00	^116.70	139.40	^162.10	26.1	29.7
15' 8"	Bead Board	^25.03	48.02	^71.01	94.00	^116.99	139.98	^162.97	26.1	29.7
15' 10"	Short	^25.44	48.62	^71.81	95.00	^118.19	141.38	^164.56	25.8	29.4
15' 10"	Long	^26.25	49.17	^72.08	95.00	^117.92	140.83	^163.75	25.8	29.4
15' 10"	Bead Board	^25.43	48.62	^71.81	95.00	^118.19	141.38	^164.57	25.8	29.4
16' 0"	Short	^26.44	49.62	^72.81	96.00	^119.19	142.38	^165.56	25.6	29.1
16' 0"	Long	^27.90	50.60	^73.30	96.00	^118.70	141.40	^164.10	25.6	29.1
16' 0"	Bead Board	^24.63	48.42	^72.21	96.00	^119.79	143.58	^167.37	25.6	29.1

^ Stiles do not need to be hinged

TABLE 4

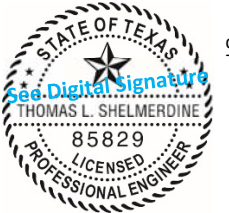
SECTION	STRUT SIZE
8TH	3"
7TH	3"
6TH	3"
5TH	3"
4TH	3"
3RD	3"
2ND	3"
BOTTOM	3"

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

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TEST LOADS
(1.5 x DESIGN LOADS)
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SIZE	DRAWN BY	DRC	DATE	02/19/20	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	02/22/20	IRC-6216-130-17-L

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

SHEET 3 OF 3