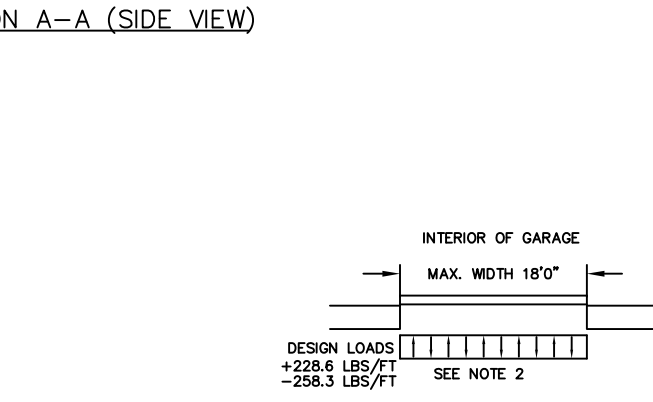
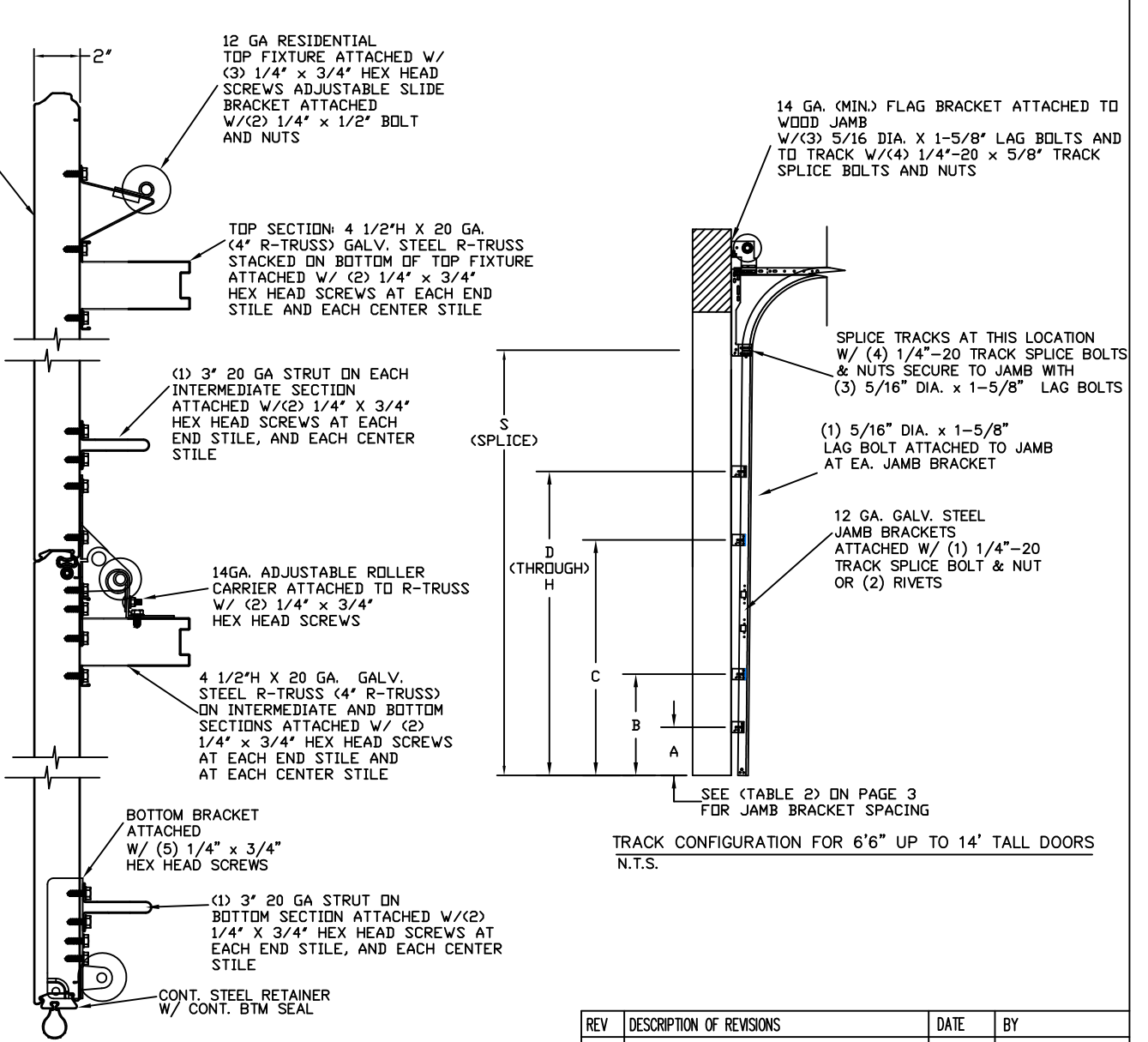


THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

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



- 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: +228.6 LBS/FT & -258.3 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
  - DOORS UP TO 14'0" HIGH HAVE (1) 3" 20GA STRUT AND (1) 4.5" R-TRUSS ON EACH INTERMEDIATE AND BOTTOM SECTION, AND (1) 4.5" R-TRUSS ONLY ON THE TOP SECTION
  - 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 +25.4 PSF -28.7 PSF

TEST LOADS (1.5 x DESIGN LOADS) +38.1 PSF -43.1 PSF

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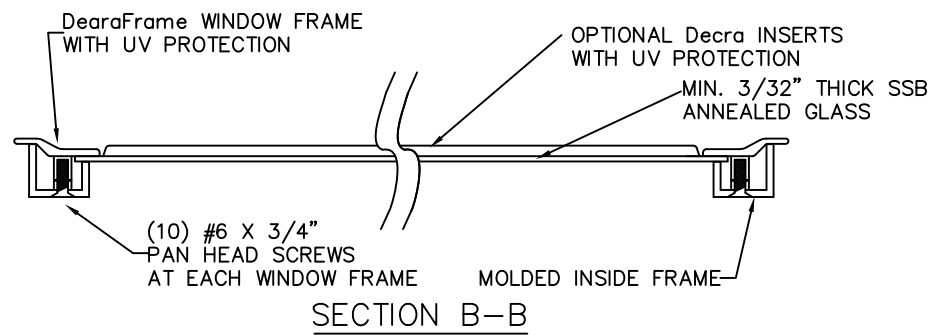
**MODEL #625 AMARR LINCOLN 1000, 2000**  
**MODEL #675 AMARR HILLCREST 1000, 2000**  
**MODEL #950 AMARR HERITAGE 1000, 2000**

SIZE	DRAWN BY	RLR	DATE	12/7/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	12/7/15	IRC-6218-130-24

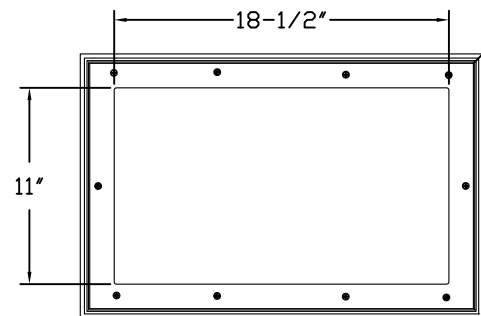
AMARR COMPANY  
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 1 OF 3

# GLAZING OPTION CROSS SECTION

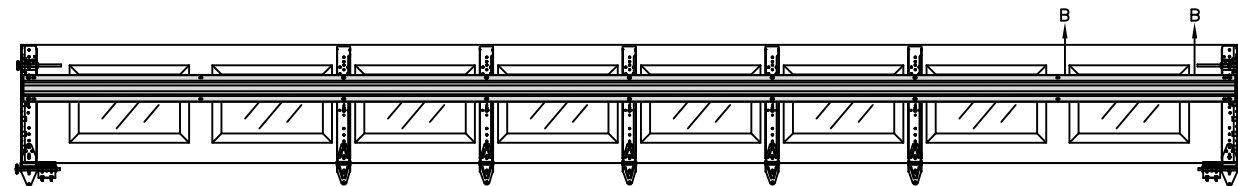
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



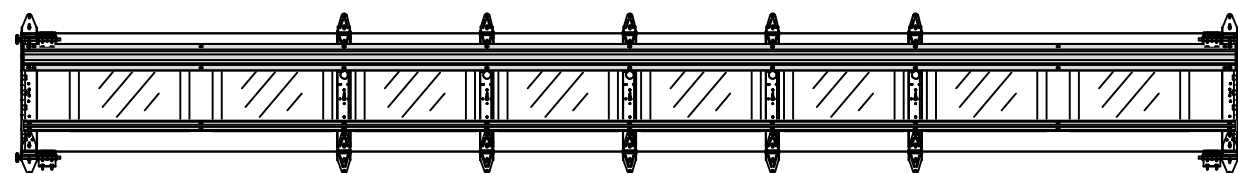
SECTION B-B



SHORT PANEL GLAZING FASTENER DETAIL  
N.T.S.



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

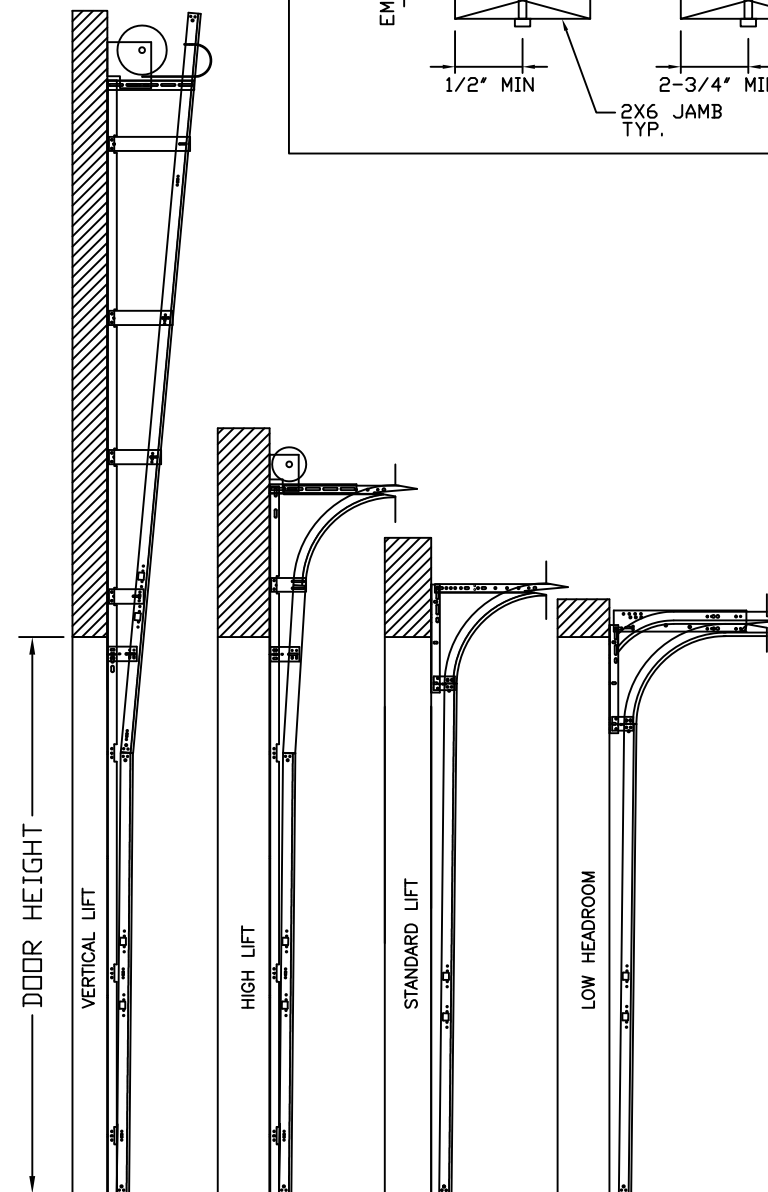
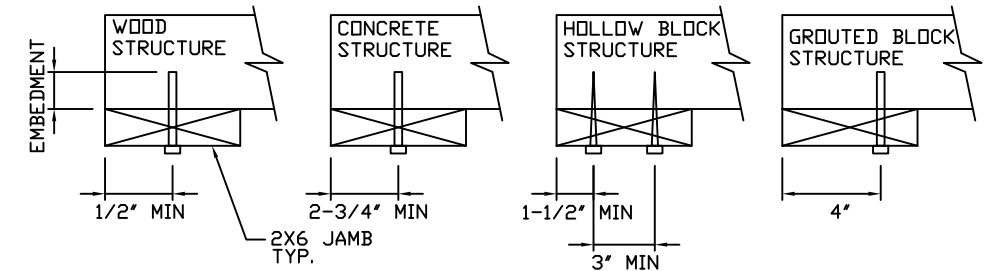


OPTIONAL SHORT PANEL INTERMEDIATE GLAZED SECTION (STRUT AND STILE LAYOUT)

# 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 20" 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 18" 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 12" 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 12" 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 20" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

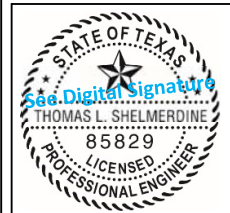
\*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.  
\*PREPARATION OF WOOD JAMBS BY OTHERS



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  
+25.4 PSF  
-28.7 PSF  
TEST LOADS  
(1.5 x DESIGN LOADS)  
+38.1 PSF  
-43.1 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	RLR	DATE	12/7/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	12/7/15	IRC-6218-130-24
AMARR COMPANY 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

HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	H	
6' 0"	10"	18"	36"	54"					64"
6' 6"	10"	21"	38"	58"					70"
7' 0"	10"	21"	42"	63"					76"
7' 6"	10"	18"	36"	54"	72"				82"
8' 0"	10"	21"	39"	58"	75"				88"
8' 6"	10"	21"	42"	63"	81"				94"
9' 0"	10"	18"	36"	54"	72"	90"			100"
9' 6"	10"	21"	39"	57"	75"	93"			106"
10' 0"	10"	21"	42"	63"	81"	99"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11' 0"	10"	21"	39"	57"	75"	93"	111"		124"
11' 6"	10"	21"	42"	63"	81"	99"	117"		130"
12' 0"	10"	21"	42"	63"	84"	105"	123"		136"
12' 6"	10"	18"	36"	57"	75"	93"	111"	129"	142"
13' 0"	10"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	10"	21"	42"	63"	84"	105"	123"	141"	154"
14' 0"	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 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)	Positive (PSF)	Negative (PSF)
16' 2"	Short	50.27	73.64	97.00	120.36	143.73	28.1	31.8
16' 2"	Long	51.17	74.08	97.00	119.92	142.83	28.1	31.8
16' 2"	Bead Board	48.75	72.88	97.00	121.13	145.25	28.1	31.8
16' 4"	Short	51.27	74.64	98.00	121.36	144.73	27.9	31.5
16' 4"	Long	52.17	75.08	98.00	120.92	143.83	27.8	31.4
16' 4"	Bead Board	49.08	73.54	98.00	122.46	146.92	27.9	31.5
16' 6"	Short	52.27	75.64	99.00	122.36	145.73	27.6	31.2
16' 6"	Long	51.34	75.17	99.00	122.83	146.66	27.6	31.2
16' 6"	Bead Board	49.42	74.21	99.00	123.79	148.59	27.6	31.2
16' 8"	Short	51.34	75.67	100.00	124.33	148.66	27.3	30.8
16' 8"	Long	52.20	76.10	100.00	123.90	147.80	27.3	30.8
16' 8"	Bead Board	49.92	74.96	100.00	125.04	150.09	27.3	30.8
16' 10"	Short	51.50	76.25	101.00	125.75	150.50	27.0	30.5
16' 10"	Long	53.20	77.10	101.00	124.90	148.80	27.0	30.5
16' 10"	Bead Board	50.15	75.57	101.00	126.29	151.59	27.0	30.5
17' 0"	Short	53.34	77.67	102.00	126.33	150.66	26.8	30.2
17' 0"	Long	54.20	78.10	102.00	125.90	149.80	26.7	30.2
17' 0"	Bead Board	50.92	76.46	102.00	127.54	153.09	26.8	30.2
17' 2"	Short	53.00	78.00	103.00	128.00	153.00	26.5	29.9
17' 2"	Long	55.20	79.10	103.00	126.90	150.80	26.4	29.8
17' 2"	Bead Board	51.42	77.21	103.00	128.79	154.59	26.5	29.9
17' 4"	Short	54.00	79.00	104.00	129.00	154.00	26.2	29.7
17' 4"	Long	56.20	80.10	104.00	127.90	151.80	26.1	29.5
17' 4"	Bead Board	51.92	77.96	104.00	130.04	156.09	26.2	29.7
17' 6"	Short	55.00	80.00	105.00	130.00	155.00	26.0	29.4
17' 6"	Long	57.20	81.10	105.00	128.90	152.80	25.8	29.2
17' 6"	Bead Board	52.42	78.71	105.00	131.29	157.59	26.0	29.4
17' 8"	Short	54.80	80.40	106.00	131.60	157.20	25.7	29.1
17' 8"	Long	55.80	80.90	106.00	131.10	156.20	25.7	29.1
17' 8"	Bead Board	52.92	79.46	106.00	132.54	159.09	25.7	29.1
17' 10"	Short	55.80	81.40	107.00	132.60	158.20	25.5	28.8
17' 10"	Long	56.25	81.63	107.00	132.38	157.75	25.5	28.8
17' 10"	Bead Board	53.42	80.21	107.00	133.79	160.59	25.5	28.8
18' 0"	Short	57.25	82.63	108.00	133.38	158.75	25.4	28.7
18' 0"	Long	57.80	82.90	108.00	133.10	158.20	25.3	28.6
18' 0"	Bead Board	53.92	80.96	108.00	135.04	162.09	25.4	28.7

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

MAX SIZE  
18' x 14'

DESIGN LOADS  
+25.4 PSF  
-28.7 PSF


TEST LOADS  
(1.5 x DESIGN LOADS)  
+38.1 PSF  
-43.1 PSF



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