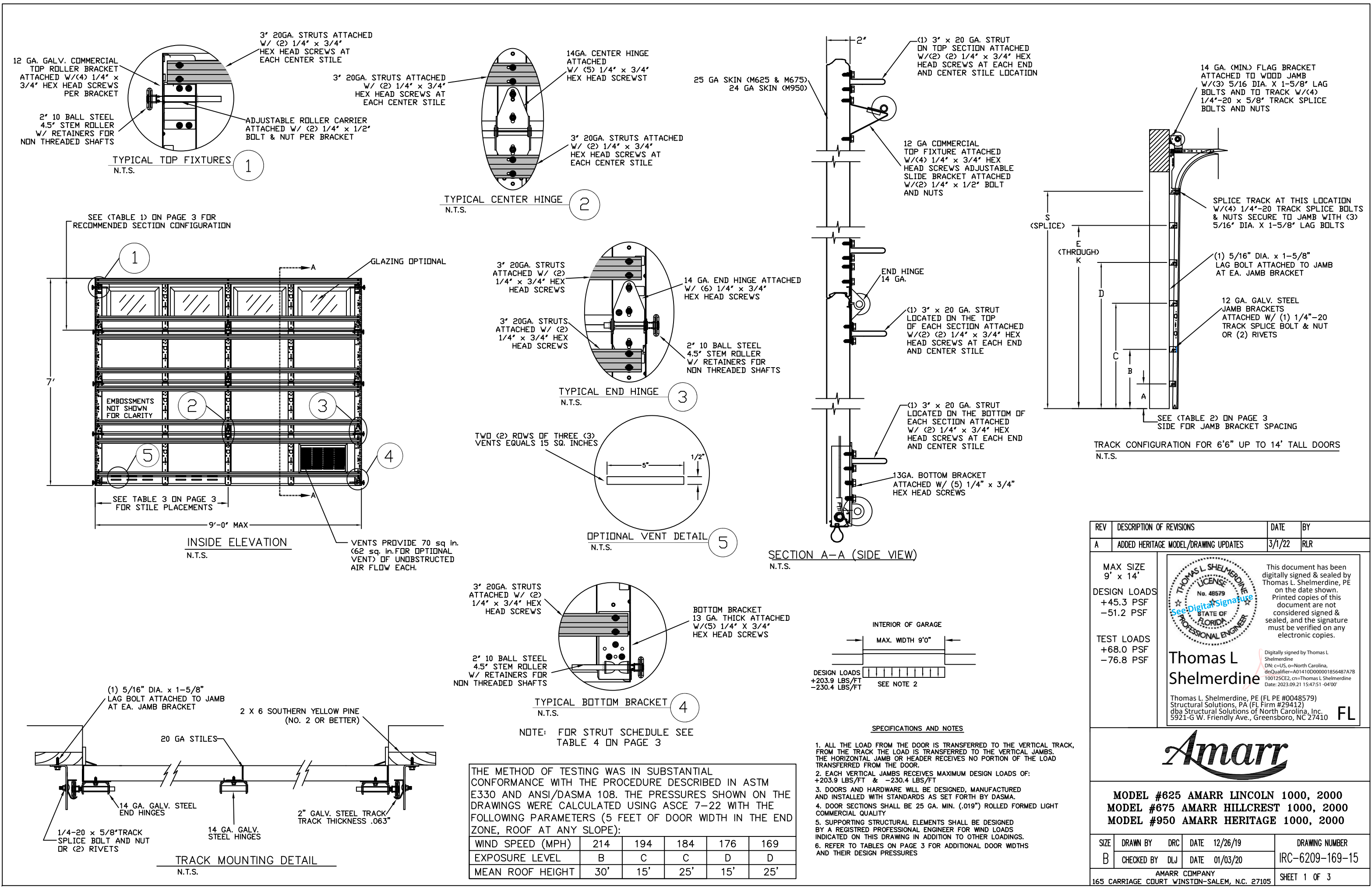
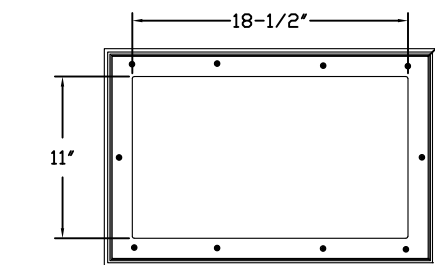


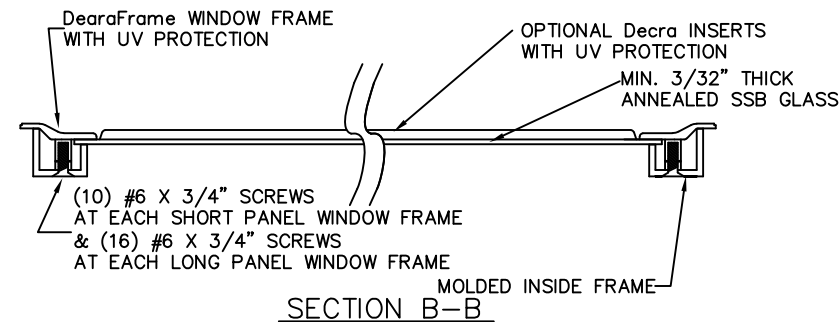




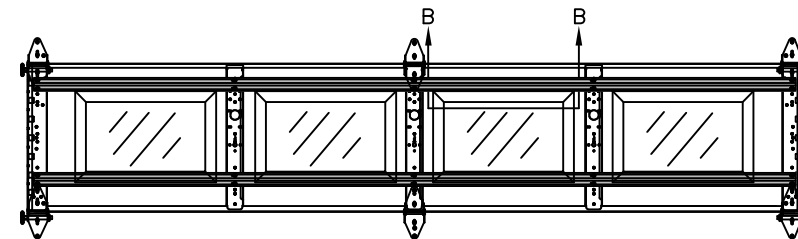
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.

GLAZING OPTION CROSS SECTION

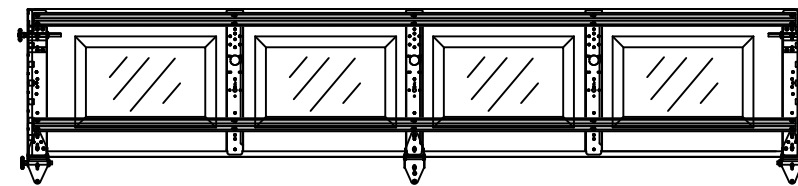
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



SECTION B-B



OPTIONAL SHORT PANEL INTERMEDIATE GLAZED SECTION LAYOUT
N.T.S.



OPTIONAL SHORT PANEL TOP GLAZED SECTION LAYOUT
N.T.S.

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 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 (1900 PSI MIN)

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)

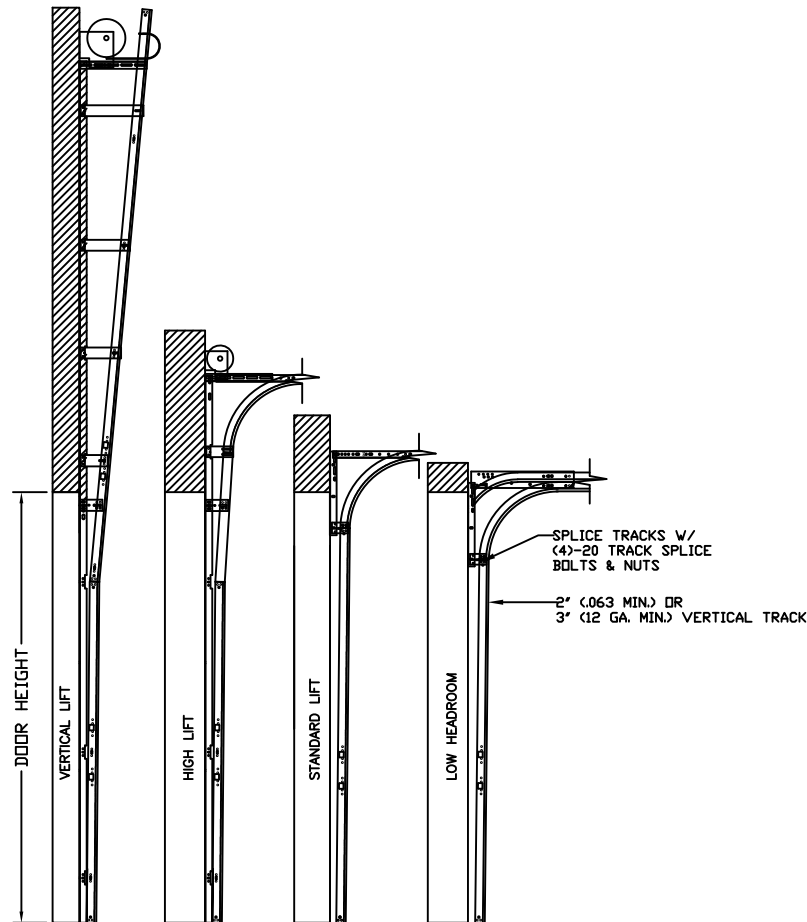
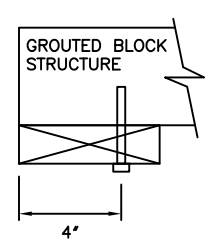
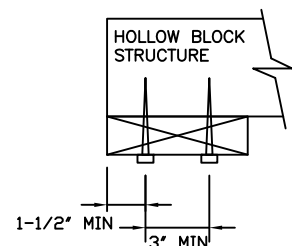
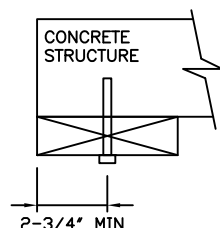
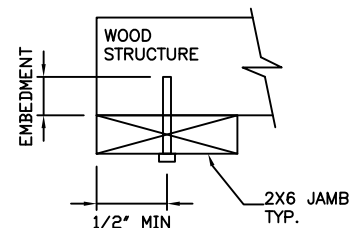
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1 1/4" EMBEDMENT)

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
9' x 14'
DESIGN LOADS
+45.3 PSF
-51.2 PSF
TEST LOADS
+68.0 PSF
-76.8 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.

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

FL

Amarr

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

SIZE	DRAWN BY	DRC	DATE	12/26/19	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	01/03/20	IRC-6209-169-15
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 3

Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)			Max Design Loads Allowed	
					Positive (PSF)	Negative (PSF)
8' 0	Bead Board	24.6	^48.00	71.4	50.7	57.3
8' 0	Long	24.0	^48.00	72.0	50.7	57.3
8' 0	Short	24.8	^48.00	71.2	50.7	57.3
8' 2	Bead Board	25.1	^49.00	72.9	49.7	56.1
8' 2	Long	24.5	^49.00	73.5	49.7	56.1
8' 2	Short	25.8	^49.00	72.2	49.7	56.1
8' 4	Bead Board	25.6	^50.00	74.4	48.7	55.0
8' 4	Long	25.0	^50.00	75.0	48.7	55.0
8' 4	Short	26.6	^50.00	73.4	48.7	55.0
8' 6	Bead Board	26.1	^51.00	75.9	47.7	53.9
8' 6	Long	25.5	^51.00	76.5	47.7	53.9
8' 6	Short	26.7	^51.00	75.3	47.7	53.9
8' 8	Bead Board	26.6	^52.00	77.4	46.8	52.9
8' 8	Long	26.0	^52.00	78.0	46.8	52.9
8' 8	Short	27.3	^52.00	76.8	46.8	52.9
8' 10	Bead Board	27.1	^53.00	78.9	45.9	51.9
8' 10	Long	26.5	^53.00	79.5	45.9	51.9
8' 10	Short	28.0	^53.00	78.0	45.9	51.9
9' 0	Bead Board	27.6	^54.00	80.4	45.3	51.2
9' 0	Long	27.0	^54.00	81.0	45.3	51.2
9' 0	Short	28.6	^54.00	79.4	45.3	51.2

^ HINGED STILES

TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT											SPLICE S
	A	B	C	D	E	F	G	H	I	J	K	
6' 6"	10"	21"	37"	47"	63"							70"
7'	10"	21"	37"	47"	63"							76"
7' 6"	10"	18"	37"	47"	63"	73"						82"
8'	10"	21"	37"	47"	63"	73"						88"
8' 6"	10"	21"	37"	47"	63"	73"						94"
9'	10"	18"	37"	47"	63"	73"	89"					100"
9' 6"	10"	21"	37"	47"	63"	73"	89"					106"
10'	10"	21"	37"	47"	63"	73"	89"	99"				112"
10' 6"	10"	21"	37"	47"	63"	73"	89"	99"				118"
11'	10"	21"	37"	47"	63"	73"	89"	99"	115"			124"
11' 6"	10"	21"	37"	47"	63"	73"	89"	99"	115"			130"
12'	10"	21"	37"	47"	63"	73"	89"	99"	115"	125"		136"
12'6"	10"	21"	37"	47"	63"	73"	89"	99"	115"	125"		142"
13'	10"	21"	37"	47"	63"	73"	89"	99"	115"	125"		148"
13' 6"	10"	21"	37"	47"	63"	73"	89"	99"	115"	125"	141"	154"
14'	10"	21"	37"	47"	63"	73"	89"	99"	115"	125"	141"	160"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY

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 9' x 14' DESIGN LOADS +45.3 PSF -51.2 PSF TEST LOADS +68.0 PSF -76.8 PSF		THOMAS L. SHELMERDINE LICENSE No. 48579 See Digital Signature STATE OF FLORIDA PROFESSIONAL ENGINEER 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. Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410 FL			
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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	12/26/19	DRAWING NUMBER
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AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 3 OF 3