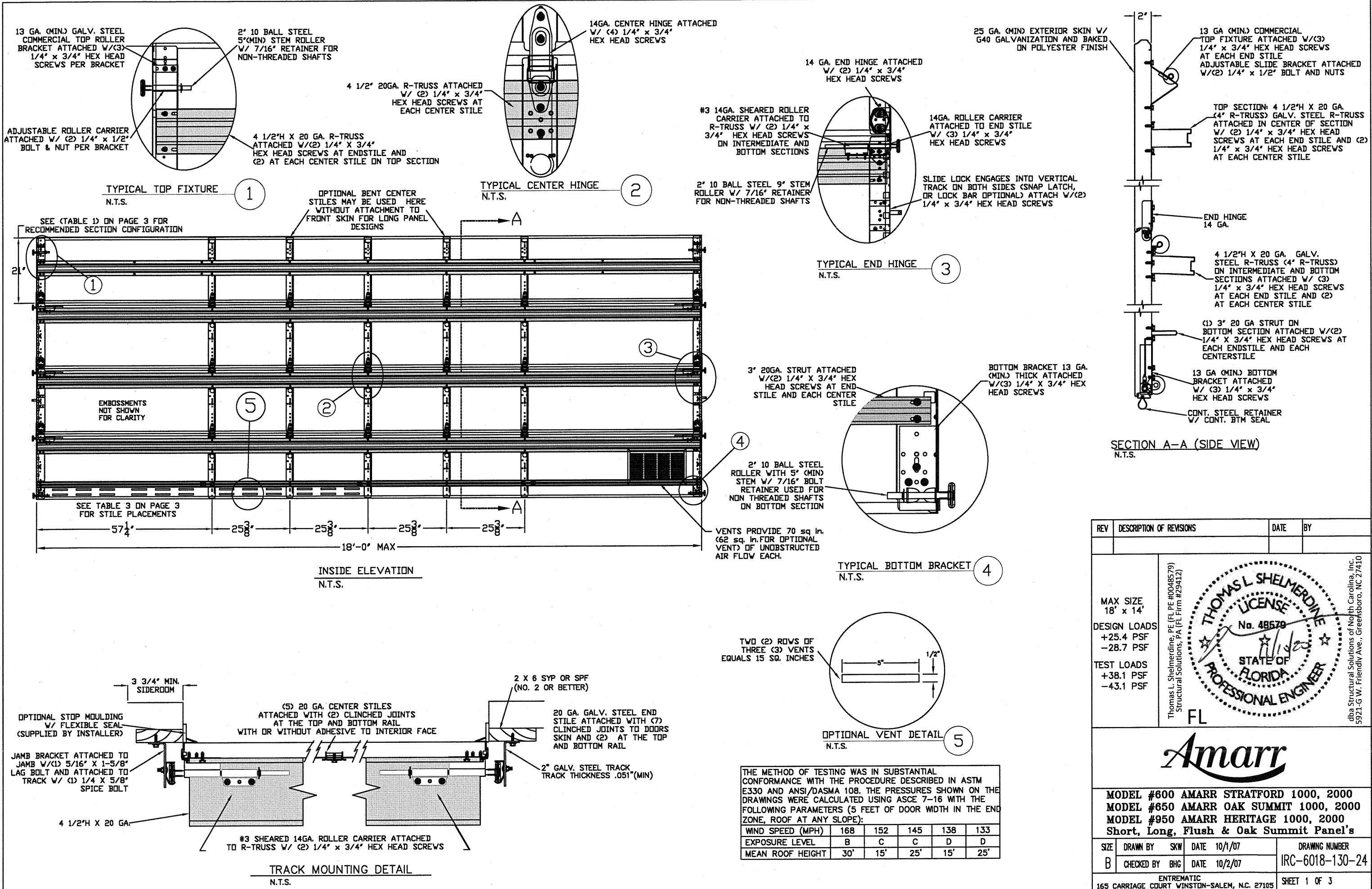
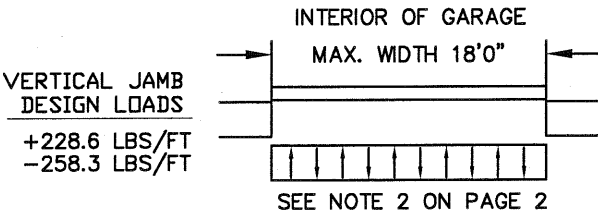




SPECIFICATIONS AND NOTES

- 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: +228.6 LBS/FT & -258.3 LBS/FT.
- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 25 GA. MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH.
- 5. DOORS USE (1) 4.5" 20GA R-TRUSS PER SECTION AND (1) 3" 20GA STRUT ON THE BOTTOM SECTION.
- 6. REFER TO TABLE 1 FOR SECTION CONFIGURATION.
- 7. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



WOOD JAMB ATTACHMENT TO STRUCTURE

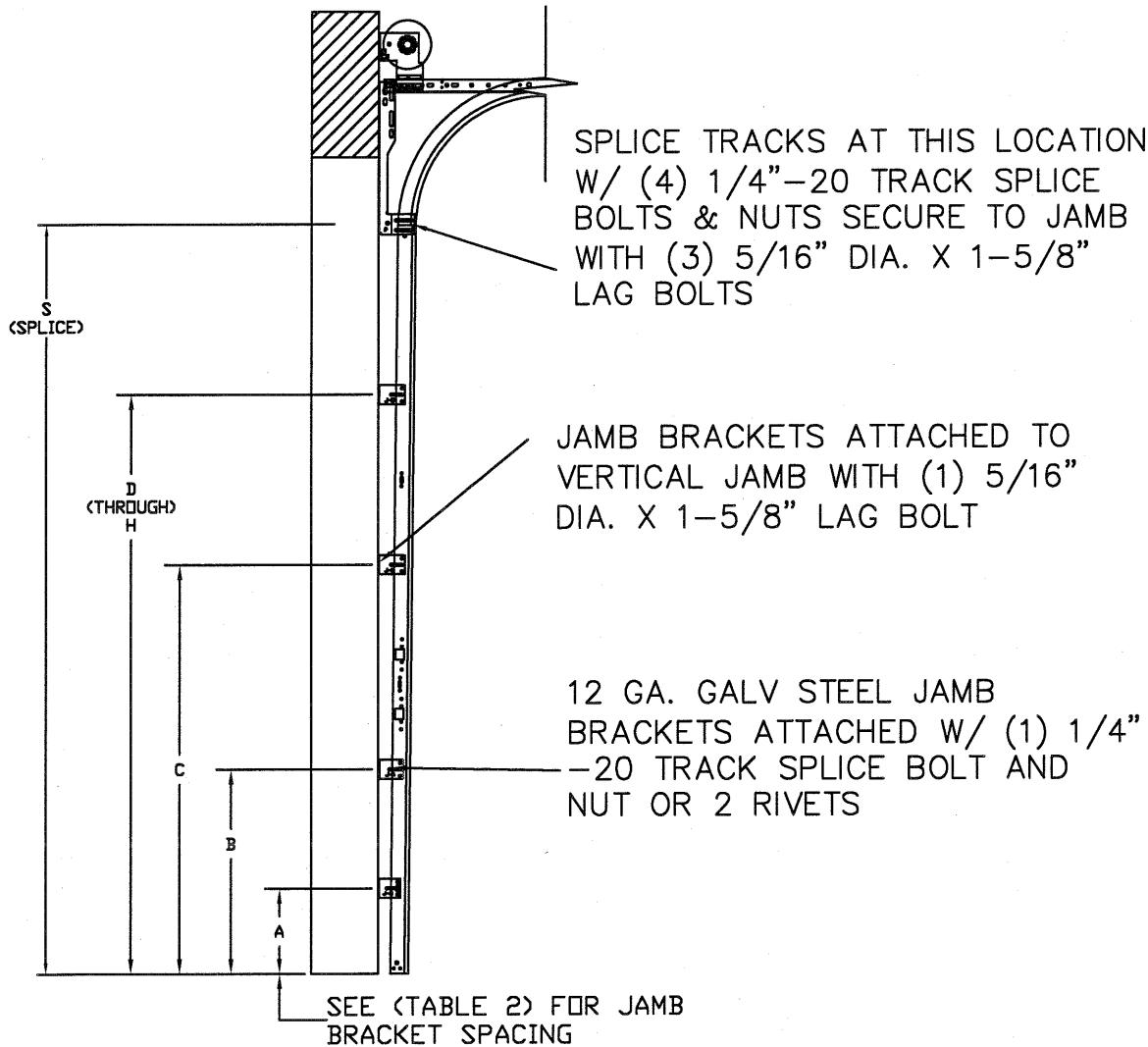
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 20" O.C. (1 1/2" EMBEDMENT)

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 8" 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 8" O.C. (1 1/4" EMBEDMENT)

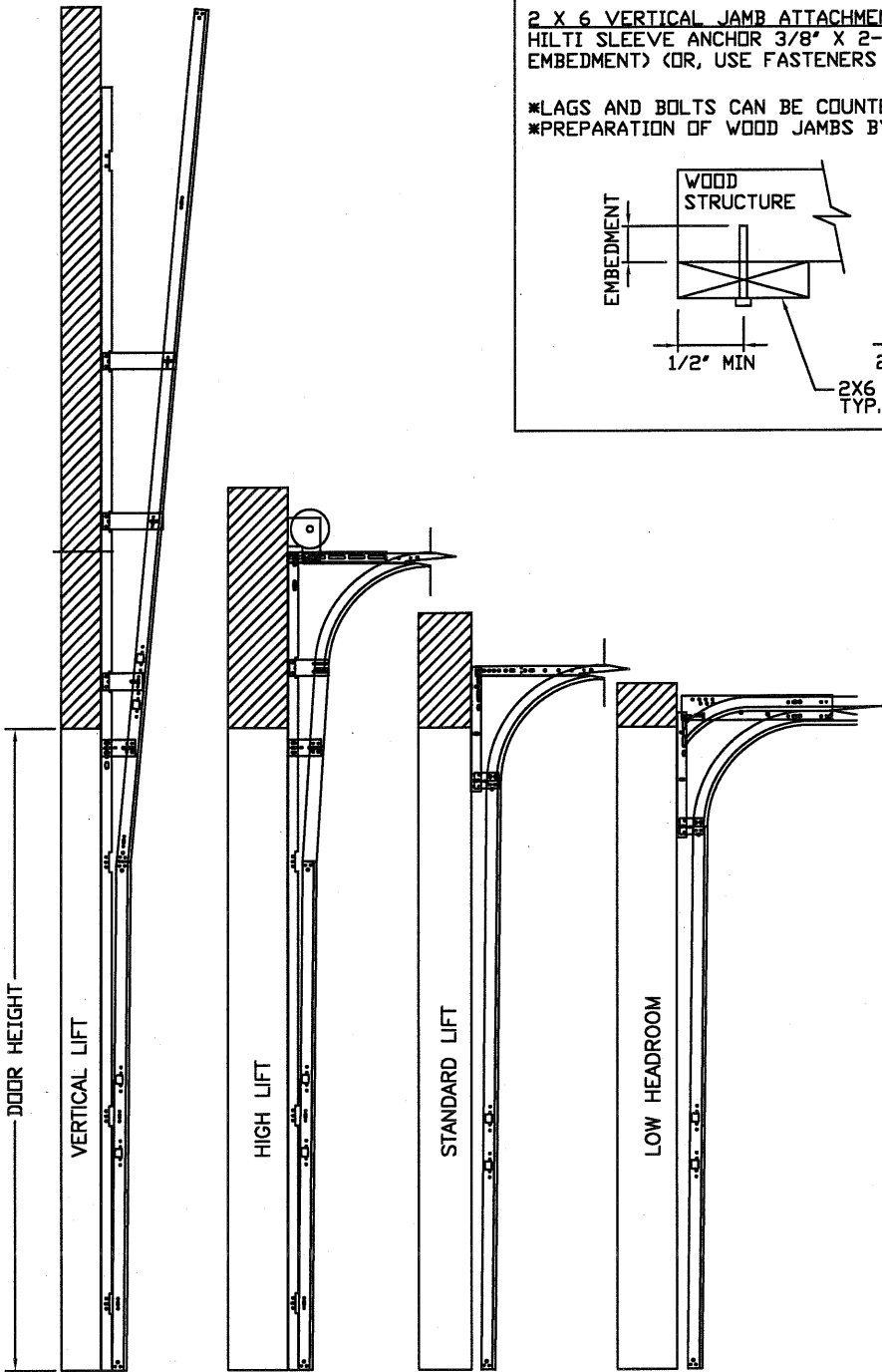
2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 22" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

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



TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS

N.T.S.



AVAILABLE TRACK CONFIGURATIONS

N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
18' x 14'

DESIGN LOADS
+25.4 PSF
-28.7 PSF

TEST LOADS
+38.1 PSF
-43.1 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)

FL

Thomas L. Shelmerdine
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER

dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

Amarr

MODEL #600 AMARR STRATFORD 1000, 2000
MODEL #650 AMARR OAK SUMMIT 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000
Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	SKW	DATE	10/1/07	DRAWING NUMBER
B	CHECKED BY	BHG	DATE	10/2/07	IRC-6018-130-24

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
6' 0"	18"	18"	18"	18"				
6' 6"	21"	18"	18"	21"				
7' 0"	21"	21"	21"	21"				
7' 6"	18"	18"	18"	18"	18"			
8' 0"	21"	18"	18"	18"	21"			
8' 6"	21"	21"	21"	18"	21"			
9' 0"	18"	18"	18"	18"	18"	18"		
9' 6"	21"	18"	18"	18"	18"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
10' 6"	21"	21"	21"	21"	21"	21"		
11' 0"	21"	18"	18"	18"	18"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
12' 0"	21"	21"	21"	21"	21"	18"	21"	
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
14' 0"	21"	21"	21"	21"	21"	21"	21"	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 ATTACHMENT SPACING +/-2" ALLOWED WITH SYP 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)	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	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	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	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	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	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	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	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	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	25.7	29.1
17' 6	Bead	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	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	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	53.92	80.96	108.00	135.04	162.09	25.4	28.7

REV	DESCRIPTION OF REVISIONS	DATE	BY										
MAX SIZE 18' x 14' DESIGN LOADS +25.4 PSF -28.7 PSF TEST LOADS +38.1 PSF -43.1 PSF Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) THOMAS L. SHELMERDINE LICENSE No. 48579 STATE OF FLORIDA PROFESSIONAL ENGINEER FL dba Structural Solutions of North Carolina, Inc. 5921-G.W. Friendly Ave., Greensboro, NC 27410 Amarr MODEL #600 AMARR STRATFORD 1000, 2000 MODEL #650 AMARR OAK SUMMIT 1000, 2000 MODEL #950 AMARR HERITAGE 1000, 2000 Short, Long, Flush & Oak Summit Panel's <table><tr><td>SIZE</td><td>DRAWN BY</td><td>SKW</td><td>DATE</td><td>10/1/07</td><td>DRAWING NUMBER</td></tr><tr><td>B</td><td>CHECKED BY</td><td>BHG</td><td>DATE</td><td>10/2/07</td><td>IRC-6018-130-24</td></tr></table> ENTREPRENEUR 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 3 OF 3		SIZE	DRAWN BY	SKW	DATE	10/1/07	DRAWING NUMBER	B	CHECKED BY	BHG	DATE	10/2/07	IRC-6018-130-24
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