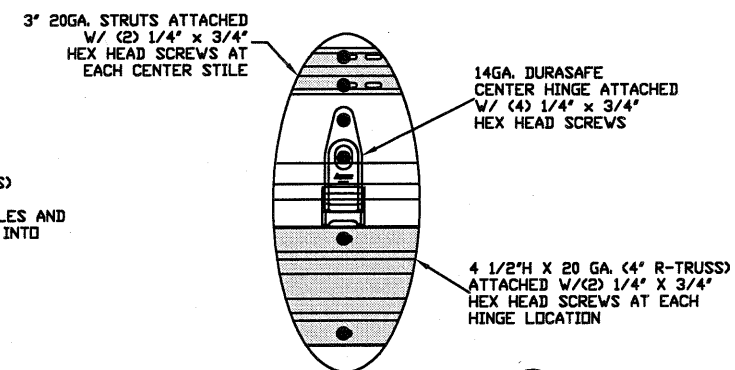
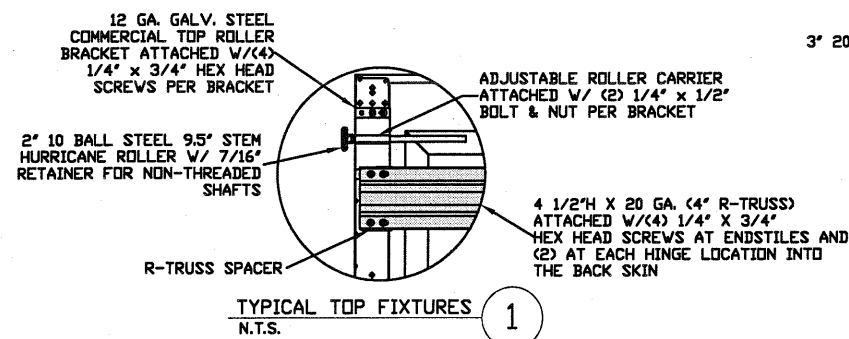
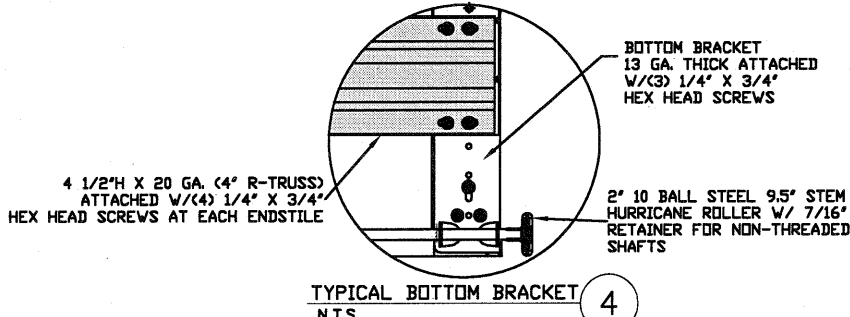
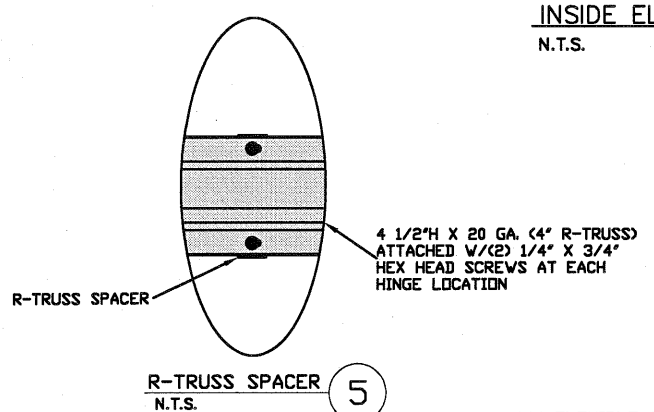
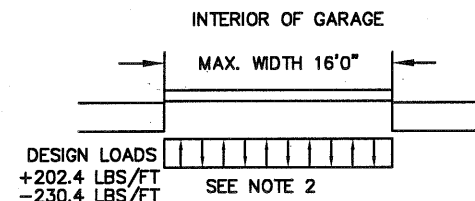
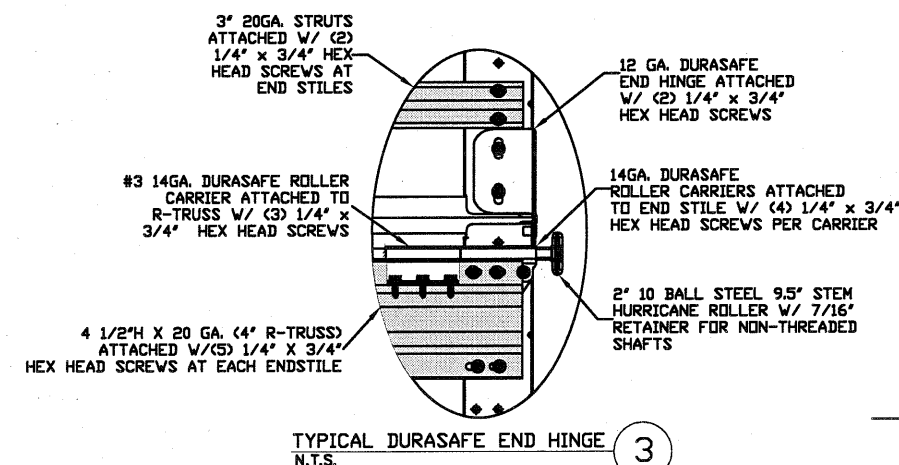
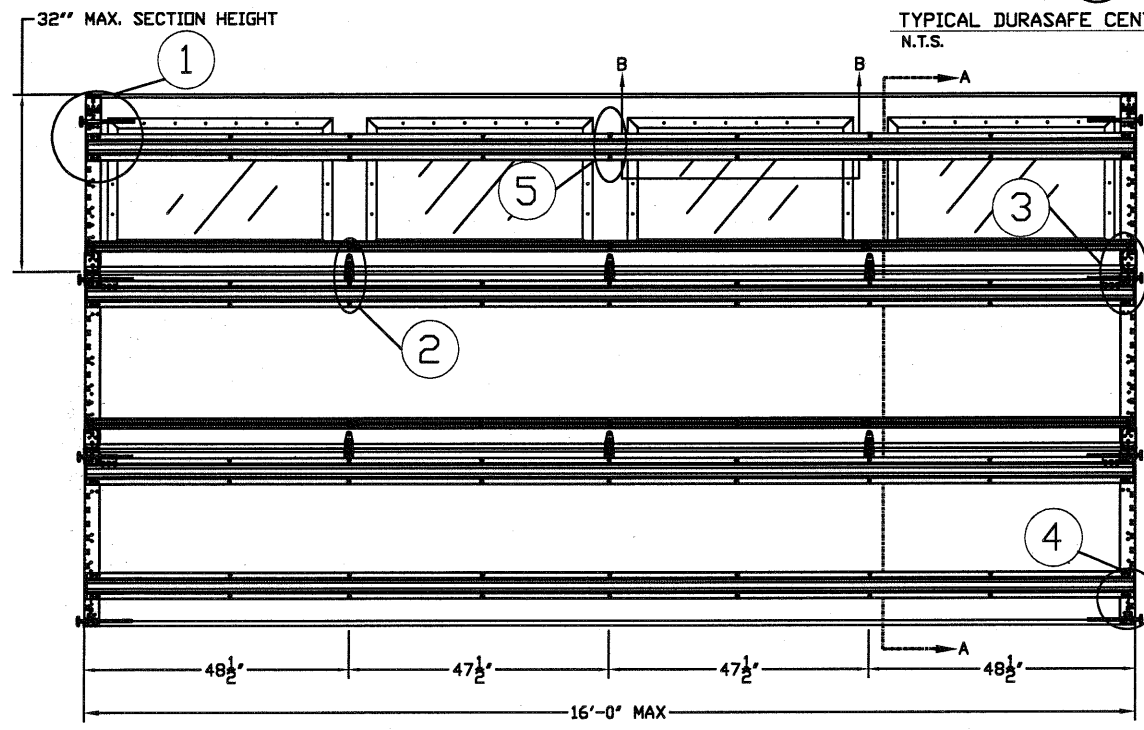
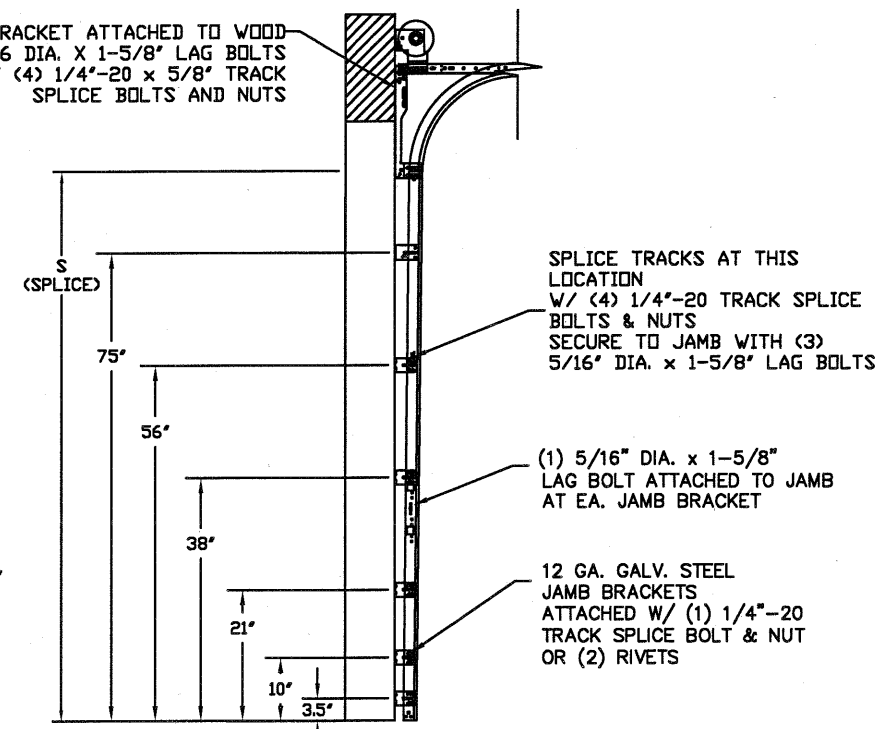




13 GA. FLAG BRACKET ATTACHED TO WOOD JAMB W/ (3) 5/16 DIA. X 1-5/8\"/>



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: +202.4 LBS/FT & -230.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. EXTERIOR MIN. (.019\"/>

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN 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'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
16' x 14'

DESIGN LOADS
+25.3 PSF
-28.8 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+38.0 PSF
-43.2 PSF

THOMAS L. SHELMEYER

LICENSE

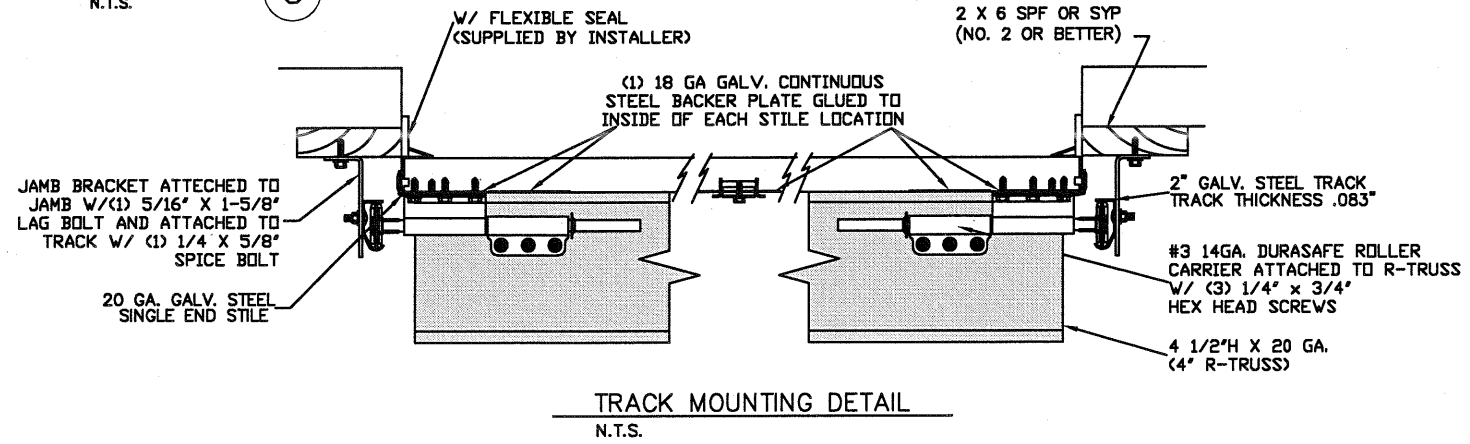
No. 48579

STATE OF FLORIDA

PROFESSIONAL ENGINEER

FL

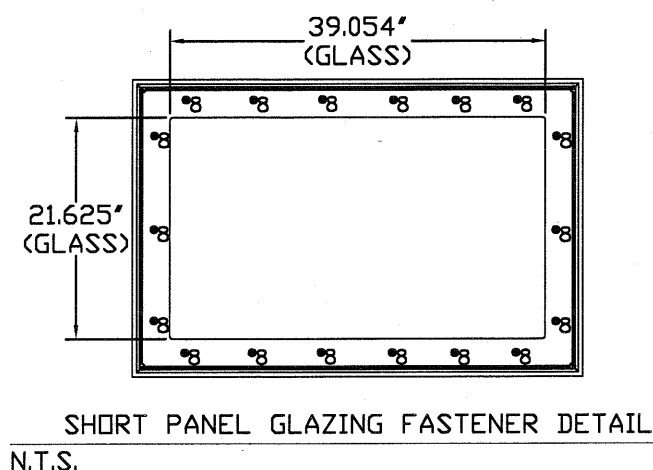
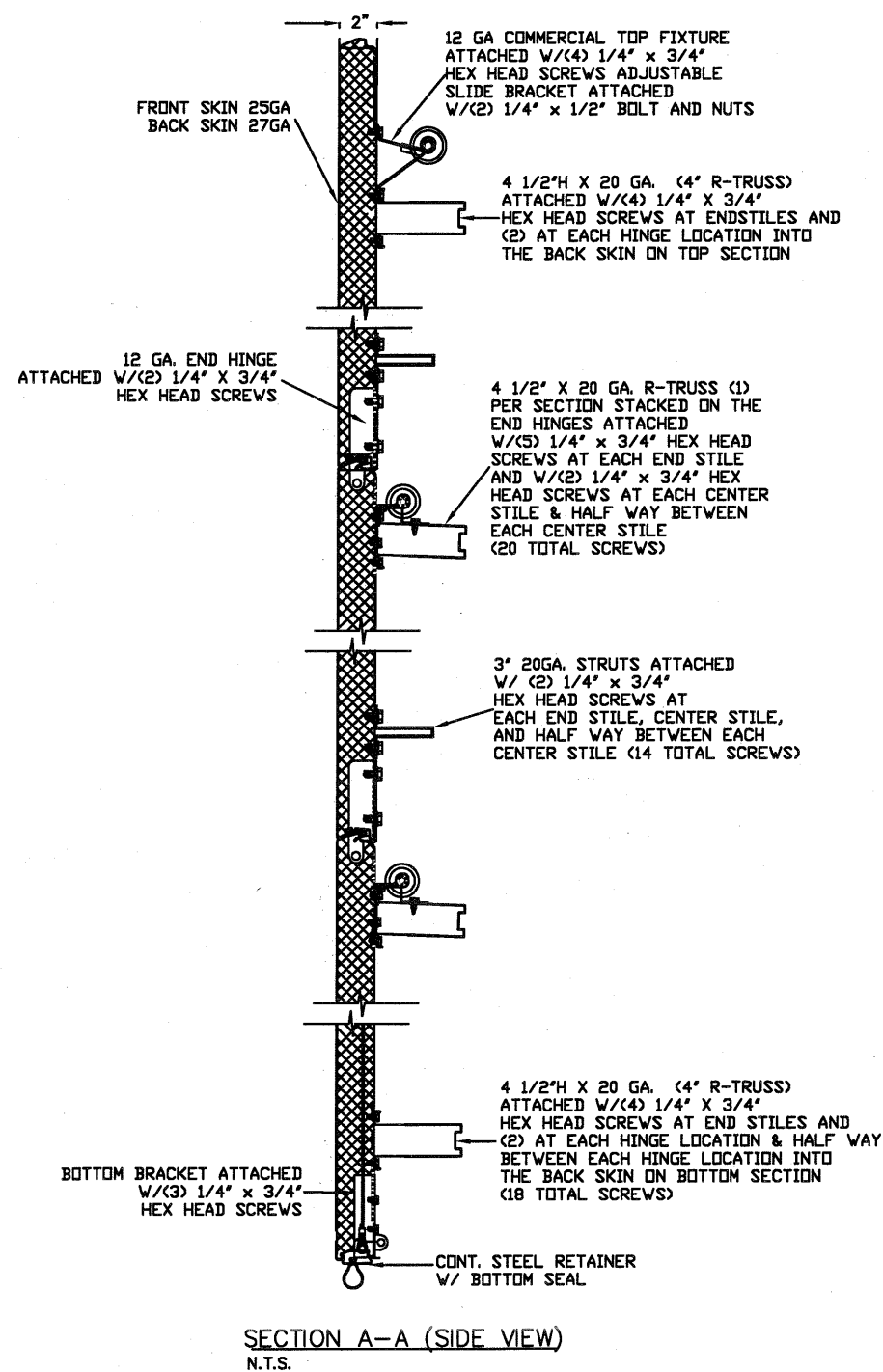
Thomas L. Shelmerdine, PE (FL PE #00048579)
Structural Solutions, PA (FL Firm #29412)
dba Structural Solutions of North Carolina, Inc.
5921-G.W. Friendly Ave., Greensboro, NC 27410



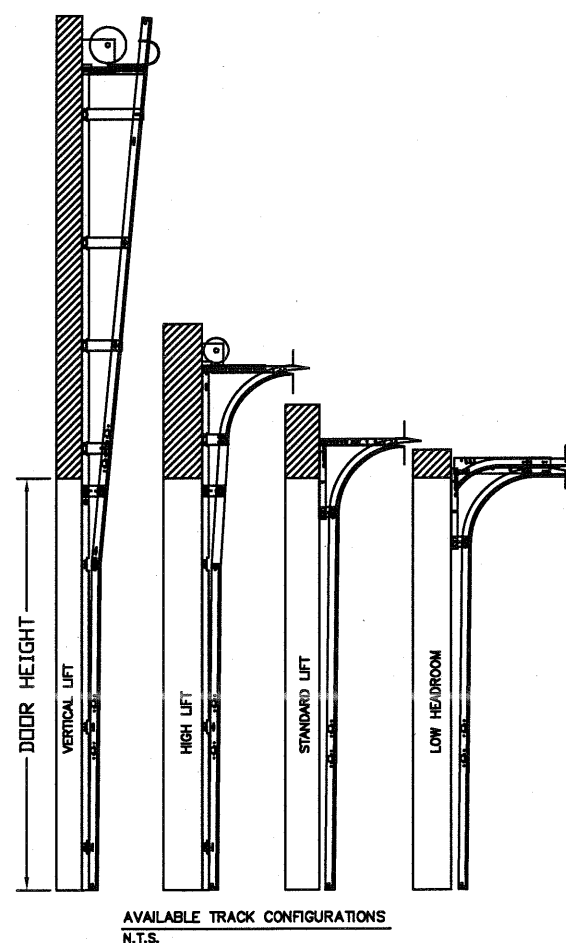
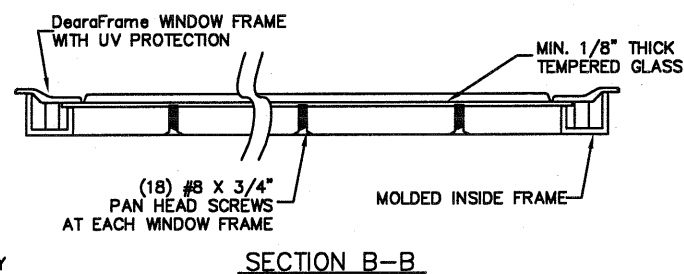
MODEL #3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	RJR	DATE	09/24/13	DRAWING NUMBER	IRC-3316-130-24
B	CHECKED BY		DATE			
ENTREMATRIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105						SHEET 1 OF 3

WOOD JAMB ATTACHMENT TO STRUCTURE



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



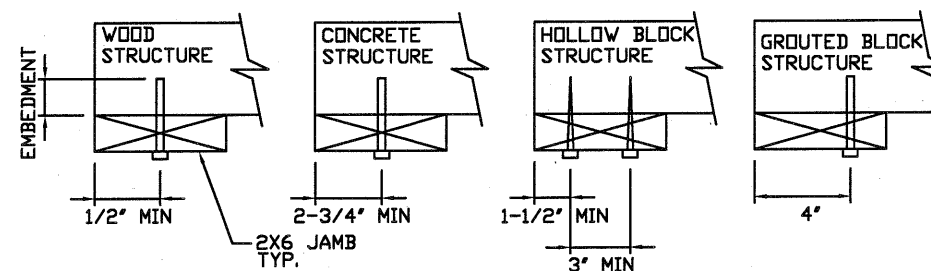
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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 22" 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)

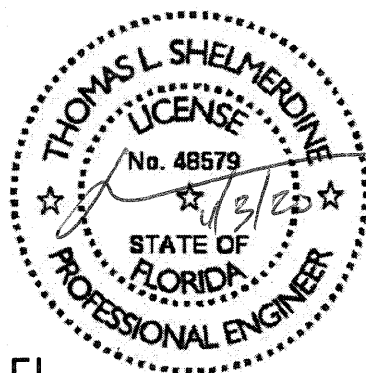
2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4"
EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

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



REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14' DESIGN LOADS +25.3 PSF -28.8 PSF TEST LOADS (1.5 x DESIGN LOADS) +38.0 PSF -43.2 PSF	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL
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dba Structural Solutions of North Carolina, Inc.
5924 G.W. Friendly Ave., Greensboro, NC 27410



MODEL #3000 AMARR CLASSICA 3000

SIZE B	DRAWN BY	RLR	DATE 09/24/13	DRAWING NUMBER IRC-3316-130-2
	CHECKED BY		DATE	

ENTREMATICS

165 CARRIAGE COURT WINSTON-SALEM, NC. 27105

SHEET 2 OF 3

TABLE 3

Section	Center Stile Locations (Measured from Left Edge)				Max Design Loads Allowed	
	Width (ft)	1st (in)	2st (in)	3rd (in)	4th (in)	Negative (PSF)
09' 2	55.00					22.0
09' 4	56.00					21.6
09' 6	57.00					21.2
09' 8	58.00					20.8
09' 10	59.00					20.5
10' 0	60.00					20.1
10' 2	61.00					19.8
10' 4	62.00					19.5
10' 6	63.00					19.2
10' 8	64.00					18.9
10' 10	65.00					18.6
11' 0	66.00					18.3
11' 2	67.00					18.0
11' 4	68.00					17.8
11' 6	69.00					17.5
11' 8	70.00					17.3
11' 10	71.00					17.0
12' 0	48.31	95.69				25.3
12' 2	49.06	96.94				24.9
12' 4	49.81	98.19				24.6
12' 6	50.56	99.44				24.3
12' 8	51.31	100.69				24.0
12' 10	52.06	101.94				23.7
13' 0	52.81	103.19				23.4
13' 2	53.56	104.44				23.1
13' 4	54.31	105.69				22.9
13' 6	55.06	106.94				22.6
13' 8	55.81	108.19				22.3
13' 10	56.56	109.44				22.1
14' 0	57.31	110.69				21.8
14' 2	58.06	111.94				21.6
14' 4	58.81	113.19				21.4
14' 6	59.56	114.44				21.1
14' 8	60.31	115.69				20.9
14' 10	61.06	116.94				20.7
15' 0	61.81	118.19				20.4
15' 2	62.56	119.44				20.2
15' 4	63.31	120.69				20.0
15' 6	47.42	93.00	138.58			26.0
15' 8	48.02	94.00	139.98			25.7
15' 10	48.62	95.00	141.38			25.4
16' 0	48.42	96.00	143.58			25.3

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
16' x 14'

DESIGN LOADS
+25.3 PSF
-28.8 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+38.0 PSF
-43.2 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
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THOMAS L. SHELMERDINE

LICENSE

No. 48579

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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Amarr

MODEL #3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	RLR	DATE	09/24/13	DRAWING NUMBER
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ENTREMATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

SHEET 3 OF 3