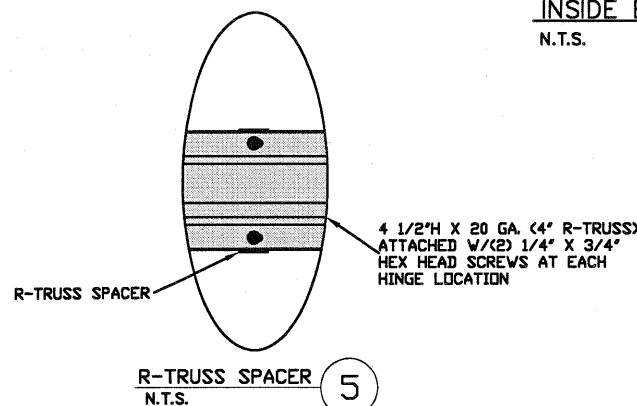
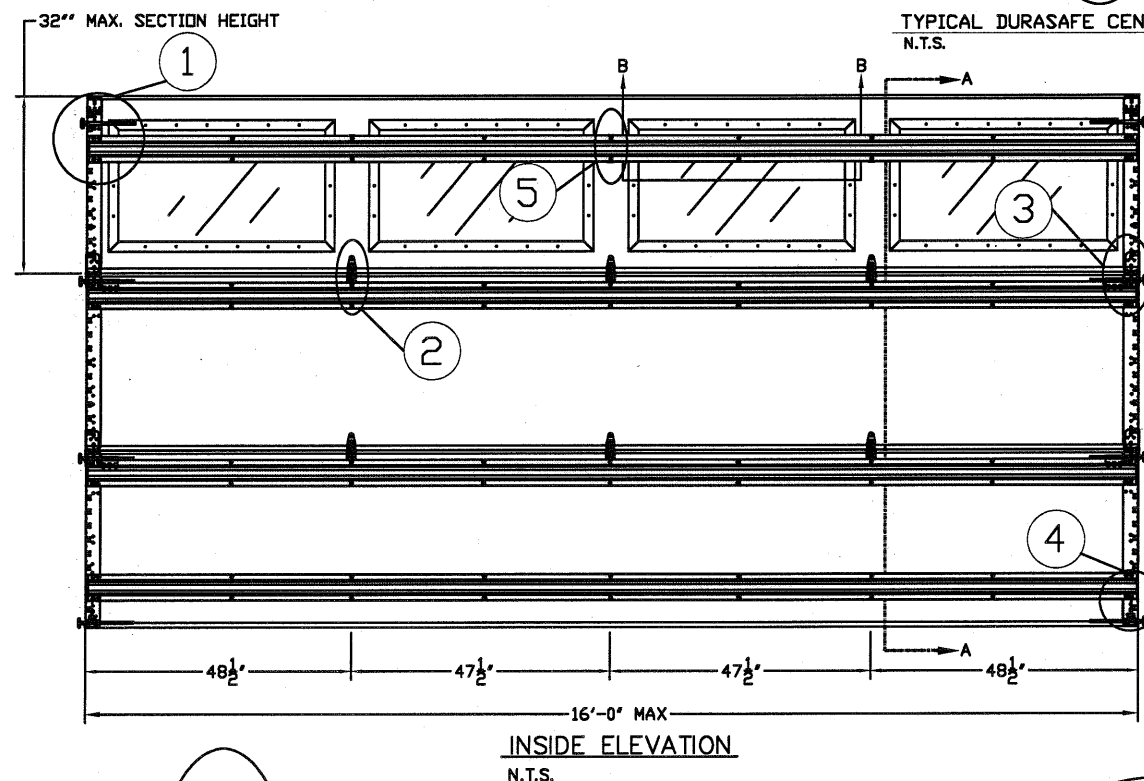
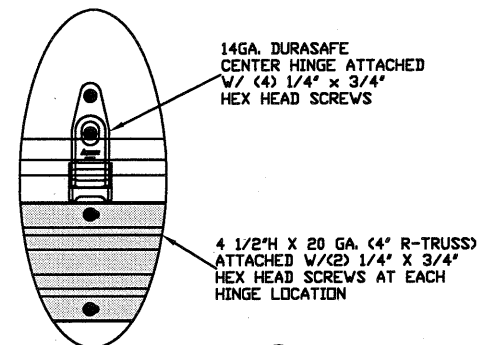
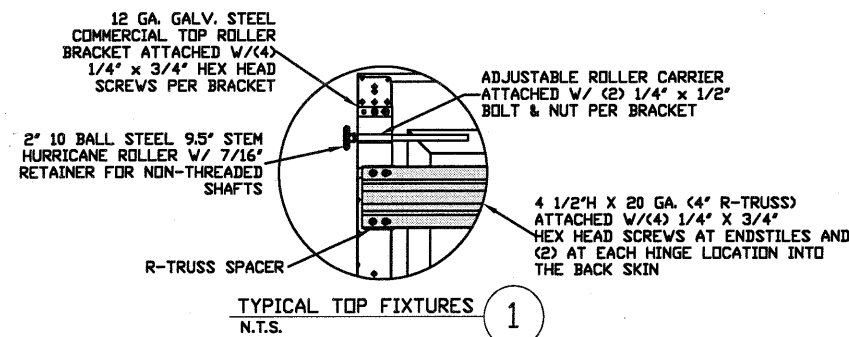
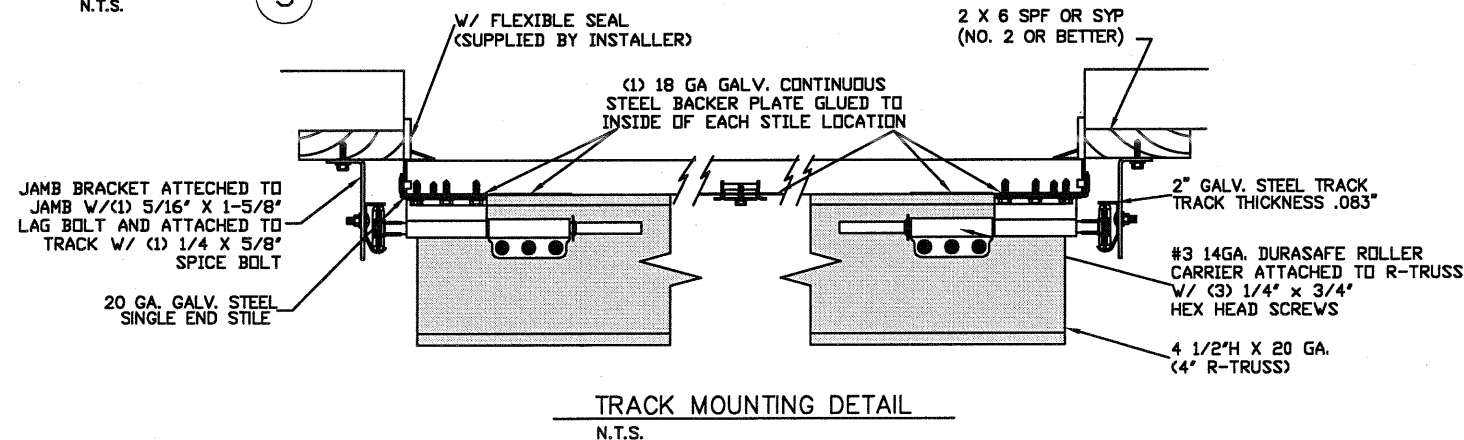
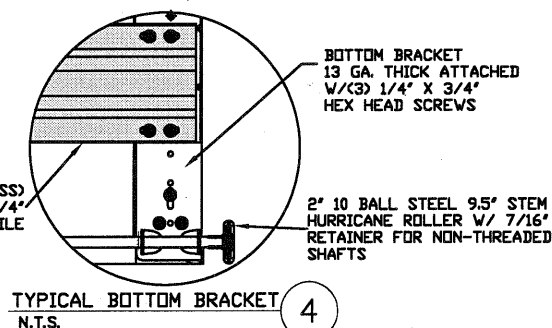
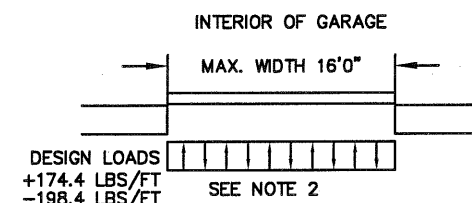
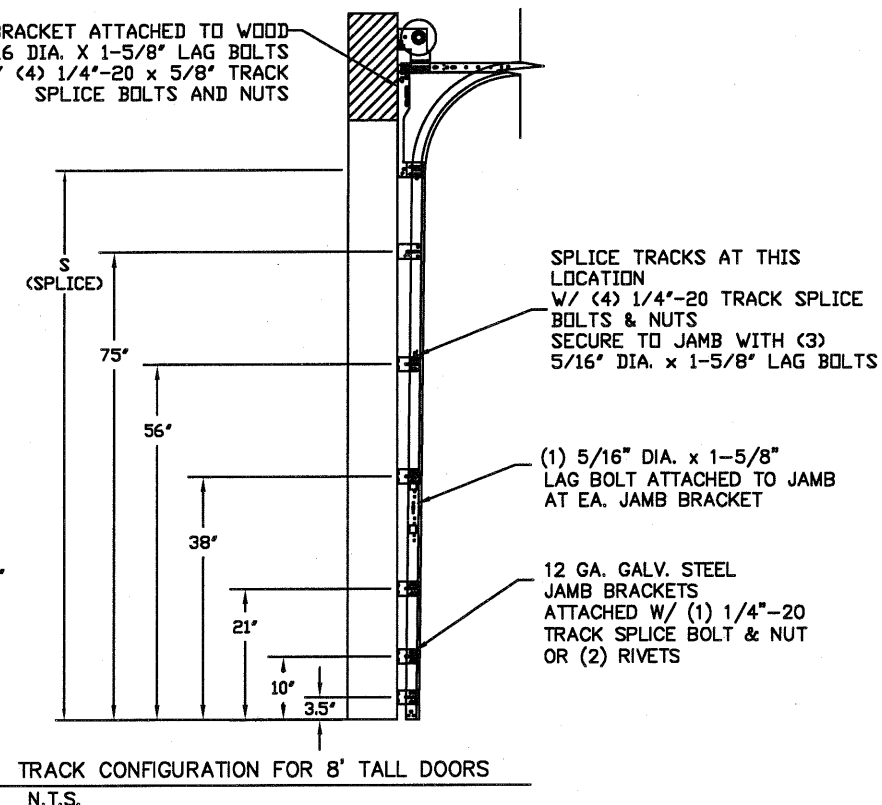




4 1/2"H X 20 GA. (4" R-TRUSS) ATTACHED W/ (4) 1/4" X 3/4" HEX HEAD SCREWS AT EACH ENDSTILE



13 GA. FLAG BRACKET ATTACHED TO WOOD JAMB W/ (3) 5/16 DIA. X 1-5/8" LAG BOLTS AND TO TRACK W/ (4) 1/4"-20 X 5/8" TRACK SPLICE BOLTS AND NUTS



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: +174.4 LBS/FT & -198.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASHA.
4. DOOR SECTIONS SHALL BE 25 GA. EXTERIOR MIN. (.019"), AND 27 GA. INTERIOR MIN. (.014") ROLLED FORMED LIGHT COMMERCIAL QUALITY
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASHA 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):

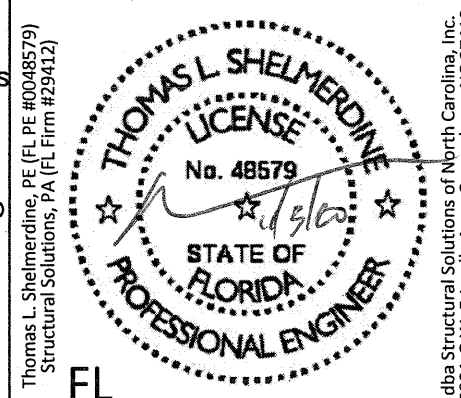
WIND SPEED (MPH)	156	141	134	128	123
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

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

DESIGN LOADS
+21.8 PSF
-24.8 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+32.7 PSF
-37.2 PSF

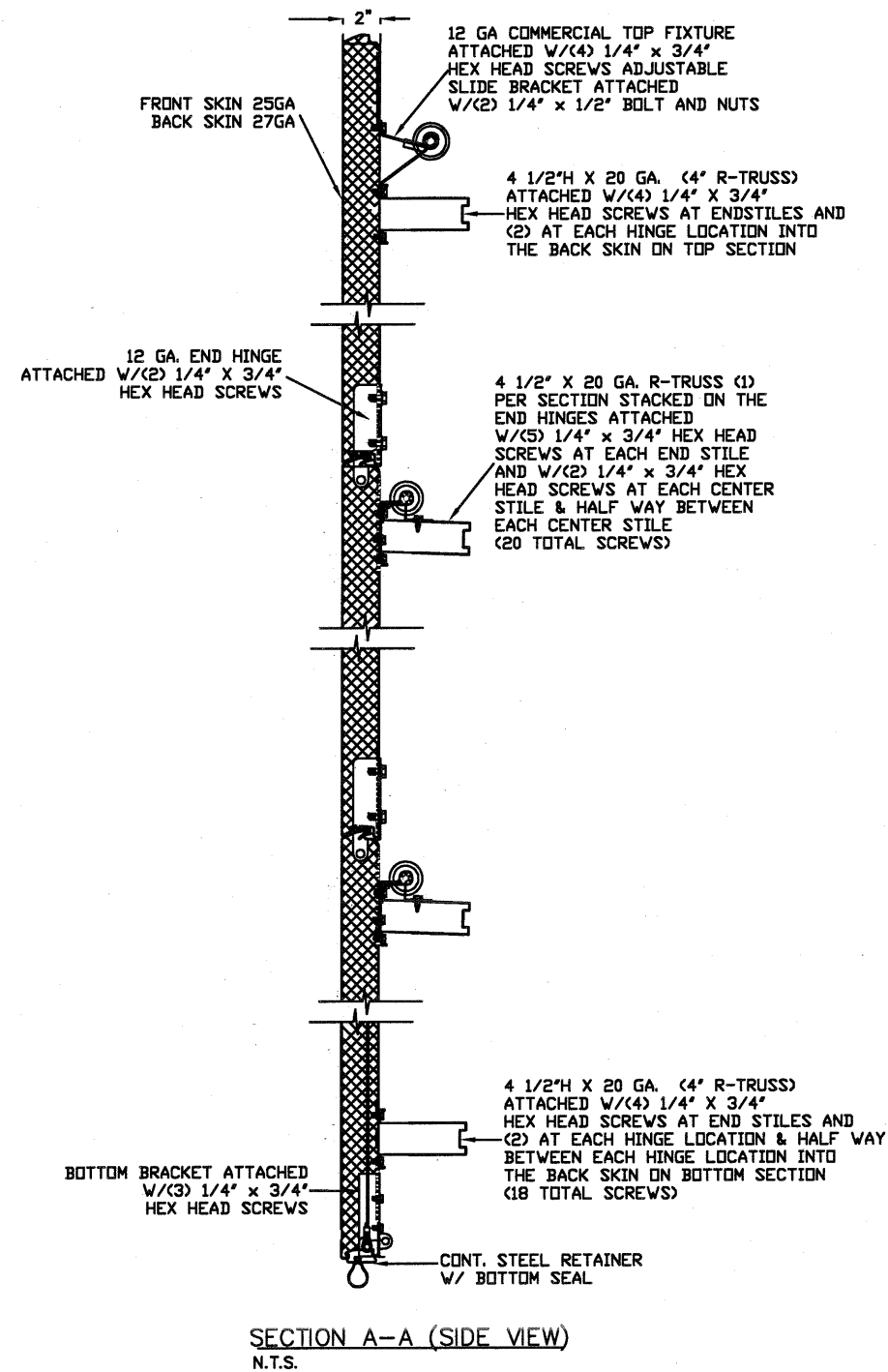


Amarr

MODEL #3000 AMARR CLASSICA 3000

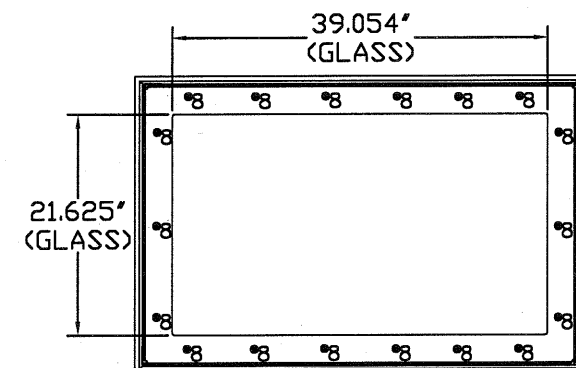
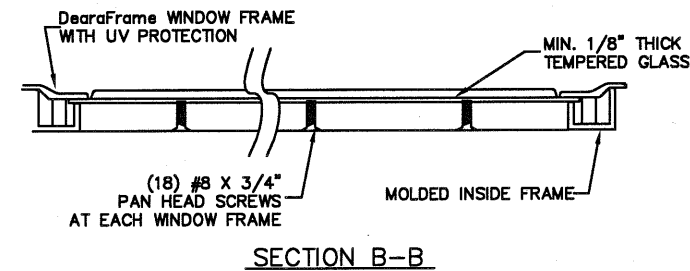
SIZE	DRAWN BY	RJR	DATE	09/24/13	DRAWING NUMBER
B	CHECKED BY	DATE			IRC-3316-120-24
ENTREPRENEUR 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 1 OF 3

WOOD JAMB ATTACHMENT TO STRUCTURE



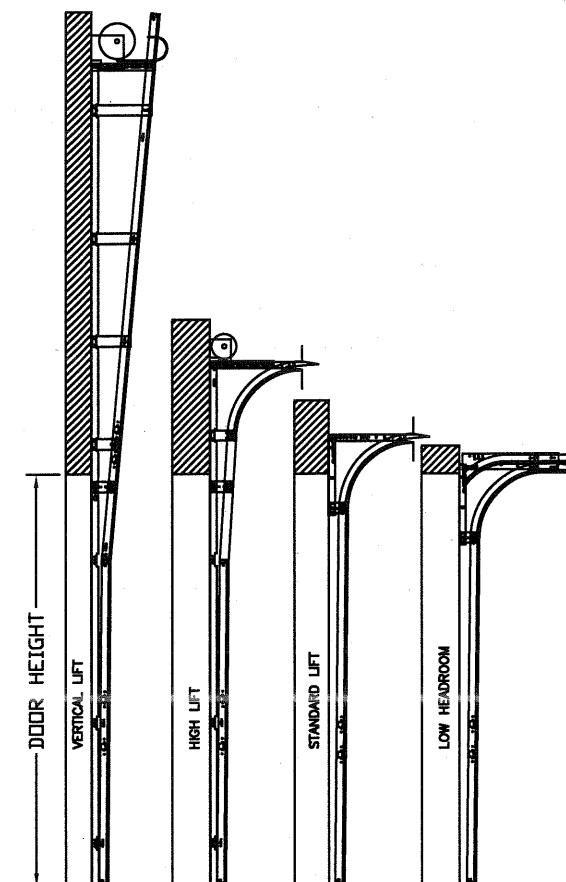
GLAZING OPTION CROSS SECTION

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



SHORT PANEL GLAZING FASTENER DETAIL

N.T.S.

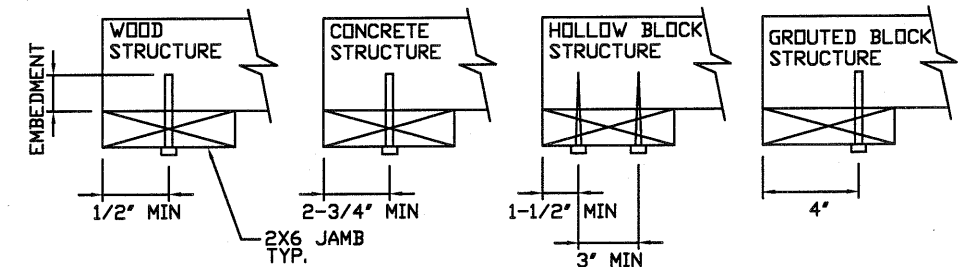


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

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 24" 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 +21.8 PSF -24.8 PSF TEST LOADS (1.5 x DESIGN LOADS) +32.7 PSF -37.2 PSF	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL		dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendlv Ave., Greensboro, NC 27410
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MODEL #3000 AMARR CLASSICA 3000			
SIZE	DRAWN BY	RLR	DATE 09/24/13
B	CHECKED BY		DATE
DRAWING NUMBER IRC-3316-120-24			
ENTREMATICA 165 CARRIAGE COURT WINSTON-SALEM, N.C. 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)	Positive (PSF)
	09' 2	55.00				18.9
	09' 4	56.00				18.6
	09' 6	57.00				18.3
	09' 8	58.00				18.0
	09' 10	59.00				17.6
	10' 0	60.00				17.4
	10' 2	61.00				17.1
	10' 4	62.00				16.8
	10' 6	63.00				16.5
	10' 8	64.00				16.3
	10' 10	65.00				16.0
	11' 0	66.00				15.8
	11' 2	67.00				15.5
	11' 4	68.00				15.3
	11' 6	69.00				15.1
	11' 8	70.00				14.9
	11' 10	71.00				14.7
	12' 0	48.31	95.69			21.8
	12' 2	49.06	96.94			21.5
	12' 4	49.81	98.19			21.2
	12' 6	50.56	99.44			20.9
	12' 8	51.31	100.69			20.7
	12' 10	52.06	101.94			20.4
	13' 0	52.81	103.19			20.2
	13' 2	53.56	104.44			19.9
	13' 4	54.31	105.69			19.7
	13' 6	55.06	106.94			19.5
	13' 8	55.81	108.19			19.2
	13' 10	56.56	109.44			19.0
	14' 0	57.31	110.69			18.8
	14' 2	58.06	111.94			18.6
	14' 4	58.81	113.19			18.4
	14' 6	59.56	114.44			18.2
	14' 8	60.31	115.69			18.0
	14' 10	61.06	116.94			17.8
	15' 0	61.81	118.19			17.6
	15' 2	62.56	119.44			17.4
	15' 4	63.31	120.69			17.3
	15' 6	47.42	93.00	138.58		22.4
	15' 8	48.02	94.00	139.98		22.2
	15' 10	48.62	95.00	141.38		21.9
	16' 0	48.42	96.00	143.58		21.8

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
16' x 14'

DESIGN LOADS
+21.8 PSF
-24.8 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+32.7 PSF
-37.2 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 #3000 AMARR CLASSICA 3000

SIZE B	DRAWN BY RLR	DATE 09/24/13	DRAWING NUMBER IRC-3316-120-24
	CHECKED BY	DATE	

ENTREMATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

SHEET 3 OF 3