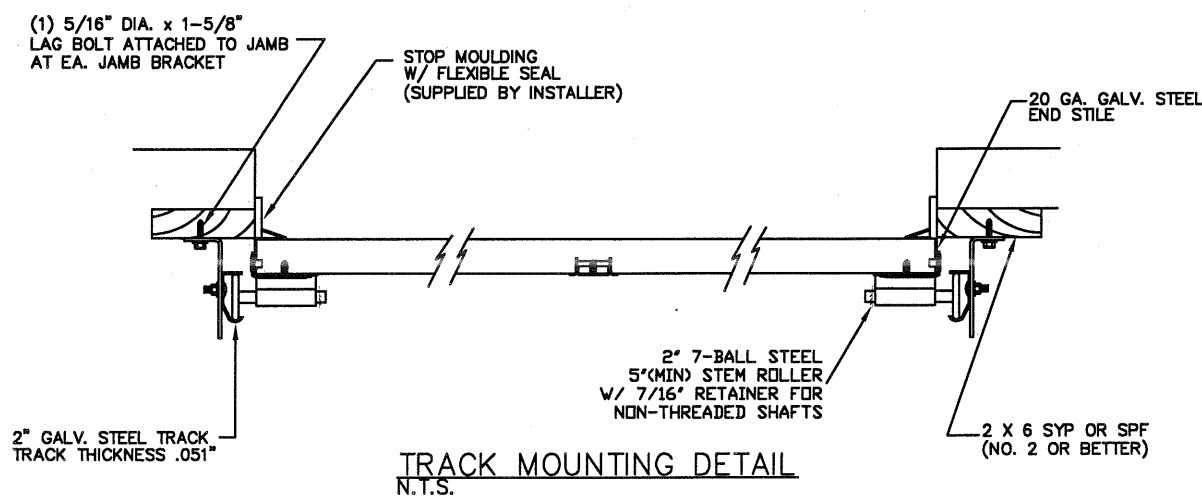
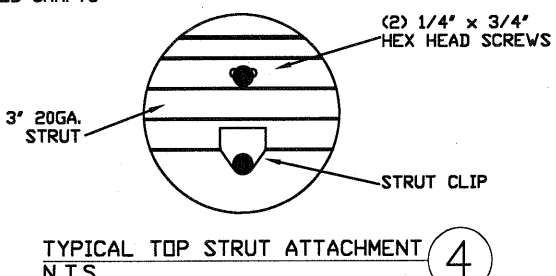
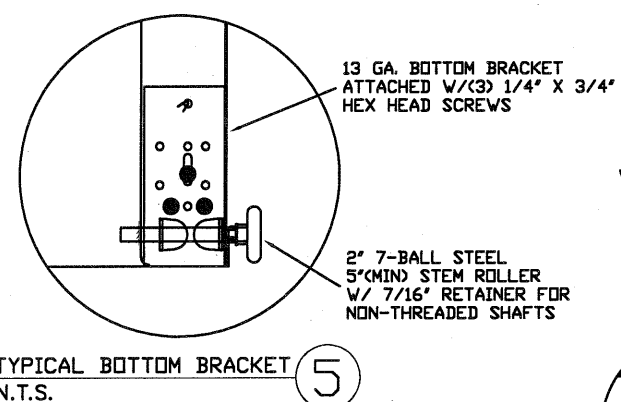
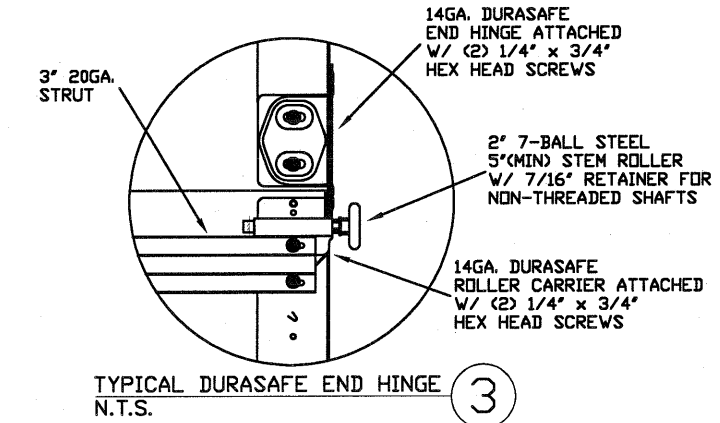
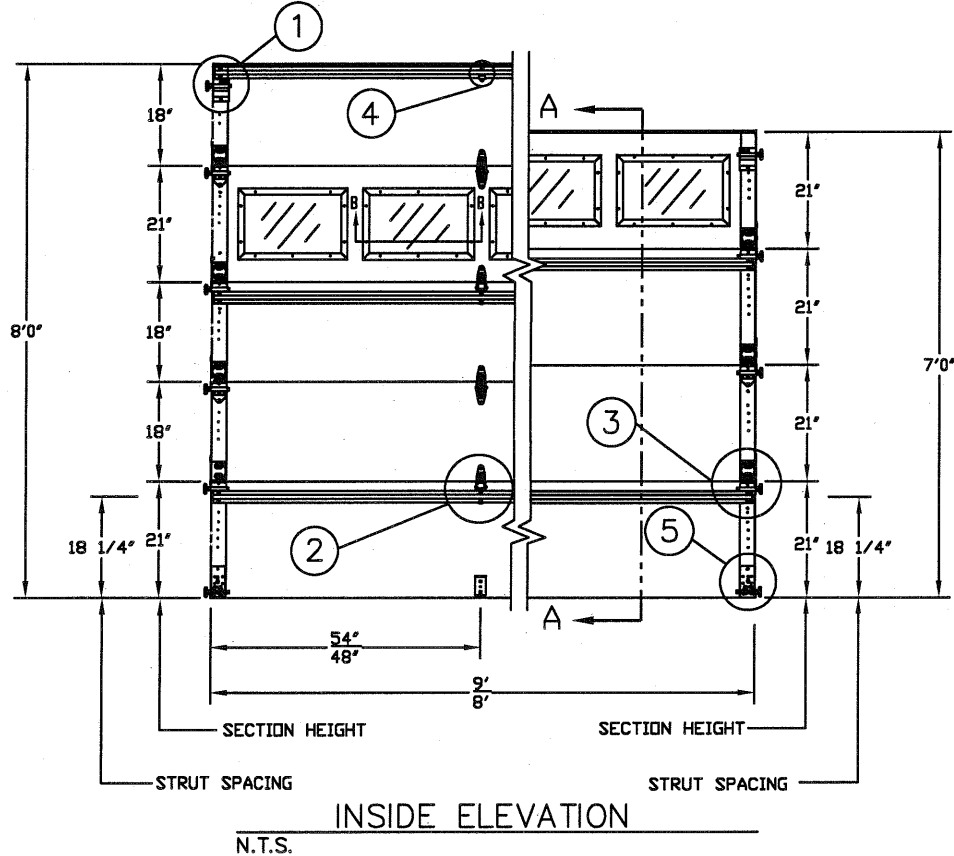
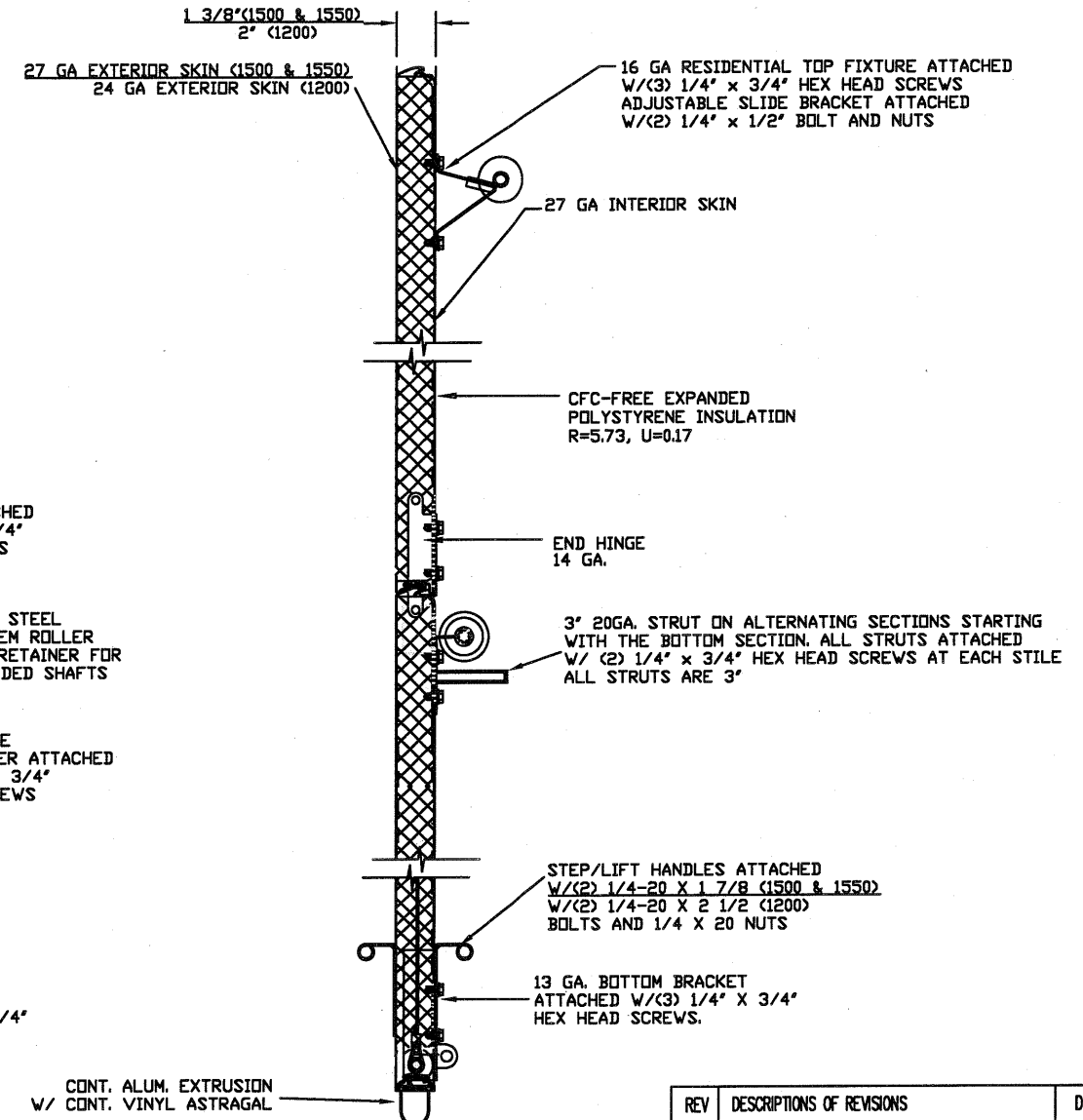
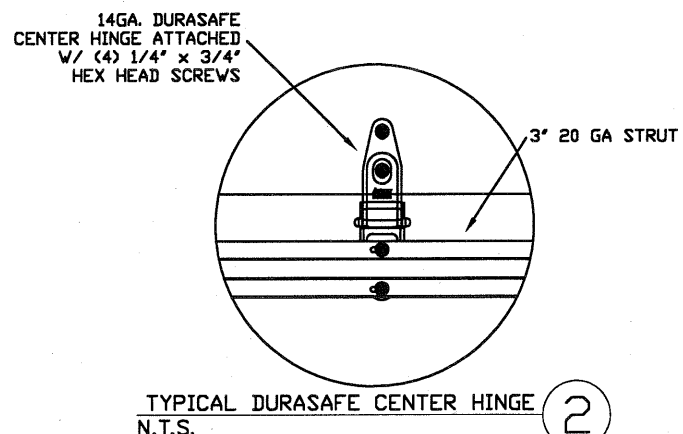
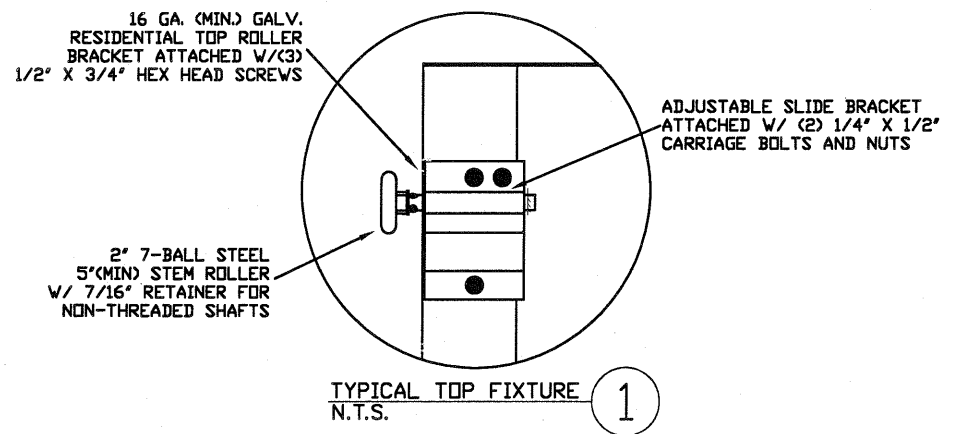




THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	155	141	134	128	122
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE
9' x 14'

DESIGN LOADS
+22.8 PSF
-26.9 PSF

TEST LOADS
+34.2 PSF
-40.4 PSF

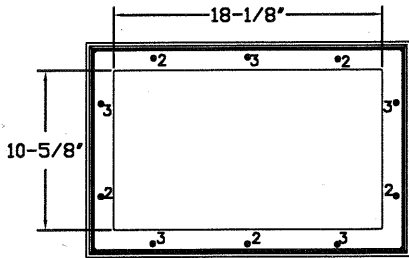
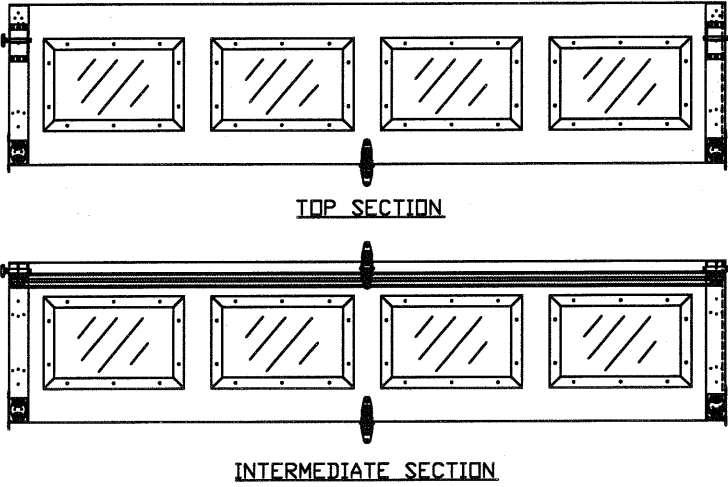
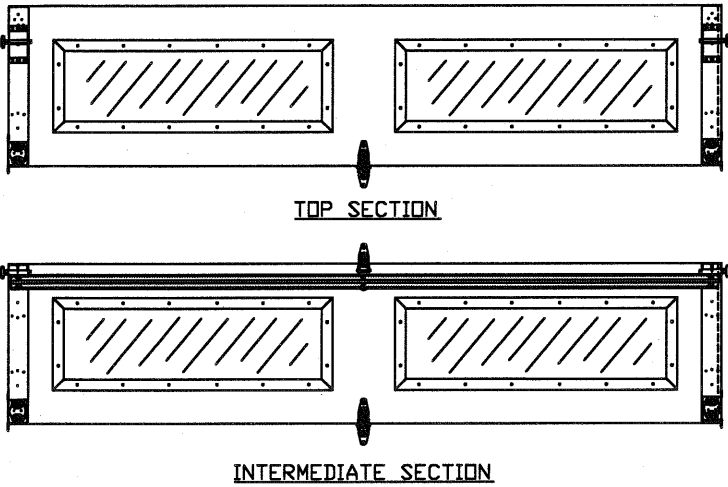
THOMAS L. SHELDERDINE
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER
FL

Thomas L. Shelderdine, 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

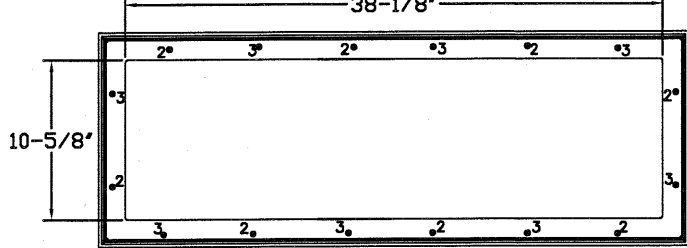
MODEL #1500 AMARR STRATFORD 3000			
MODEL #1200 AMARR HERITAGE 3000			
MODEL #1550 AMARR OAK SUMMIT 3000			
SHORT, LONG, FLUSH & OAK SUMMIT PANELS			
SIZE	DRAWN BY	RLR	DATE 07/07/12
B	CHECKED BY	DATE	DRAWING NUMBER
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			IRC-1509-120-15
SHEET 1 OF 3			

OPTIONAL SHORT AND LONG PANEL GLAZING LAYOUTS

GLAZING MEETS ASTM E1300-04
STRUT LAYOUT BASED ON 7' TALL DOOR (LAYOUTS MAY VARY DEPENDING ON DOOR HEIGHT)



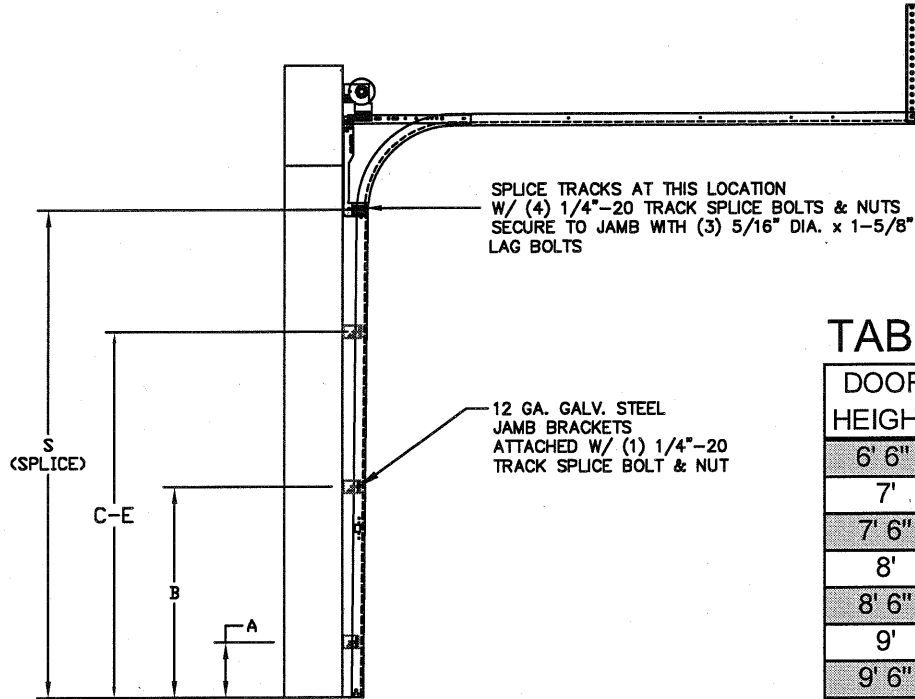
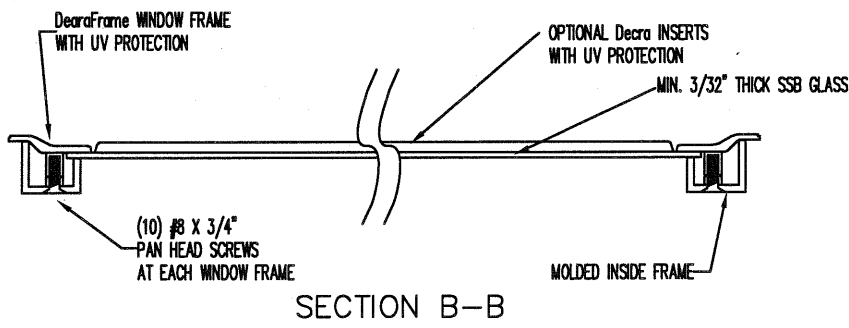
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



LONG PANEL GLAZING FASTENER DETAIL
N.T.S.

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS (SEE TABLE 2)
N.T.S.

SPECIFICATIONS AND NOTES

1. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
2. DOOR SECTIONS SHALL BE 27 GA. MIN. (.016") INTERIOR AND EXTERIOR ROLLED FORMED LIGHT COMMERCIAL QUALITY
3. DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
4. DOORS UP TO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

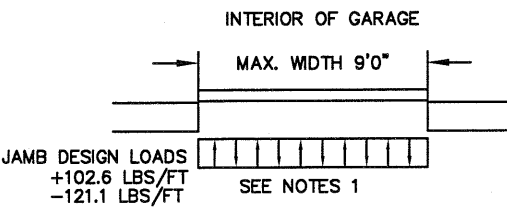


TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT					SPLICE
	A	B	C	D	E	
6' 6"	10"	38"				70"
7'	10"	38"				76"
7' 6"	10"	38"				82"
8'	10"	38"				88"
8' 6"	10"	38"	66"			94"
9'	10"	38"	66"			100"
9' 6"	10"	38"	66"			106"
10'	10"	38"	66"			112"
10' 6"	10"	38"	66"	94"		118"
11'	10"	38"	66"	94"		124"
11' 6"	10"	38"	66"	94"		130"
12'	10"	38"	66"	94"		136"
12' 6"	10"	38"	66"	94"		142"
13'	10"	38"	66"	94"	122"	148"
13' 6"	10"	38"	66"	94"	122"	154"
14'	10"	38"	66"	94"	122"	160"

ALL TRACK ATTACHMENT SPACING +/-2" ALLOWED WITH SYP OR SPF NO. 2 OR BETTER ONLY

REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE 9' x 14'

DESIGN LOADS +22.8 PSF -26.9 PSF

TEST LOADS +34.2 PSF -40.4 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 #1500 AMARR STRATFORD 3000
MODEL #1200 AMARR HERITAGE 3000
MODEL #1550 AMARR OAK SUMMIT 3000
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE B	DRAWN BY RLR	DATE 07/07/12	DRAWING NUMBER IRC-1509-120-15
	CHECKED BY	DATE	

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

SHEET 2 OF 3

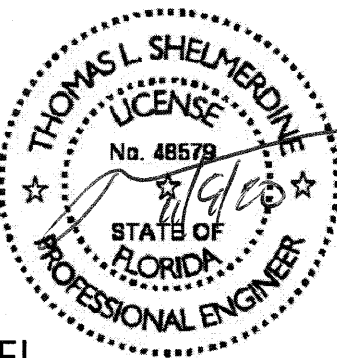
Section	Panel Type	Center Stile Location (Measured from Left Edge)		Max Design Loads Allowed	
Width (ft)		1st (in)	2nd (in)	Positive (PSF)	Negative (PSF)
6' 0	Short	24.406	47.594	34.2	40.3
6' 0	Oak Summit	24.644	47.357	34.2	40.3
7' 0	Short	29.200	54.800	29.3	34.5
7' 0	Oak Summit	29.144	54.857	29.3	34.5
7' 2	Short	30.200	55.800	28.6	33.7
7' 2	Oak Summit	29.894	56.107	28.6	33.7
7' 4	Short	31.200	56.800	27.9	33.0
7' 4	Oak Summit	30.644	57.357	27.9	33.0
7' 6	Short	32.200	57.800	27.3	32.2
7' 6	Long	45.000		27.3	32.2
7' 6	Oak Summit	45.000		27.3	32.2
7' 8	Short	32.200	60.000	26.7	31.5
7' 8	Long	46.000		26.7	31.5
7' 8	Oak Summit	46.000		26.7	31.5
7' 10	Short	33.000	61.000	26.1	30.9
7' 10	Long	47.000		26.1	30.9
7' 10	Oak Summit	47.000		26.1	30.9
8' 0	Short	48.000		25.6	30.2
8' 0	Long	48.000		25.6	30.2
8' 0	Oak Summit	48.000		25.6	30.2
8' 2	Short	49.000		25.1	29.6
8' 2	Long	49.000		25.1	29.6
8' 2	Oak Summit	49.000		25.1	29.6
8' 4	Short	50.000		24.6	29.0
8' 4	Long	50.000		24.6	29.0
8' 4	Oak Summit	50.000		24.6	29.0
8' 6	Short	51.000		24.1	28.4
8' 6	Long	51.000		24.1	28.4
8' 6	Oak Summit	51.000		24.1	28.4
8' 8	Short	52.000		23.6	27.9
8' 8	Long	52.000		23.6	27.9
8' 8	Oak Summit	52.000		23.6	27.9
8' 10	Short	53.000		23.2	27.4
8' 10	Long	53.000		23.2	27.4
8' 10	Oak Summit	53.000		23.2	27.4
9' 0	Short	54.000		22.8	26.9
9' 0	Long	54.000		22.8	26.9
9' 0	Oak Summit	54.000		22.8	26.9



Diagram illustrating the required embedment of a 2x6 JAMB into various structural materials:

- WOOD STRUCTURE:** Embedment depth is indicated by a vertical dimension line. Jamb width is 1/2" MIN.
- CONCRETE STRUCTURE:** Embedment depth is indicated by a vertical dimension line. Jamb width is 2-3/4" MIN.
- HOLLOW BLOCK STRUCTURE:** Embedment depth is indicated by a vertical dimension line. Jamb width is 1-1/2" MIN.
- GROUTED BLOCK STRUCTURE:** Embedment depth is indicated by a vertical dimension line. Jamb width is 4".

Common dimension for all: JAMB is 2x6 TYP.

REV	DESCRIPTIONS OF REVISIONS	DATE	BY
MAX SIZE 9' x 14' DESIGN LOADS +22.8 PSF -26.9 PSF TEST LOADS +34.2 PSF -40.4 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL  d/ba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410	
			
MODEL #1500 AMARR STRATFORD 3000 MODEL #1200 AMARR HERITAGE 3000 MODEL #1550 AMARR OAK SUMMIT 3000 SHORT, LONG, FLUSH & OAK SUMMIT PANELS			
SIZE	DRAWN BY	RLR	DATE 07/07/12
B	CHECKED BY		DATE
			DRAWING NUMBER
			IRC-1509-120-15
ENTREMATIC			SHEET 3 OF 3
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			