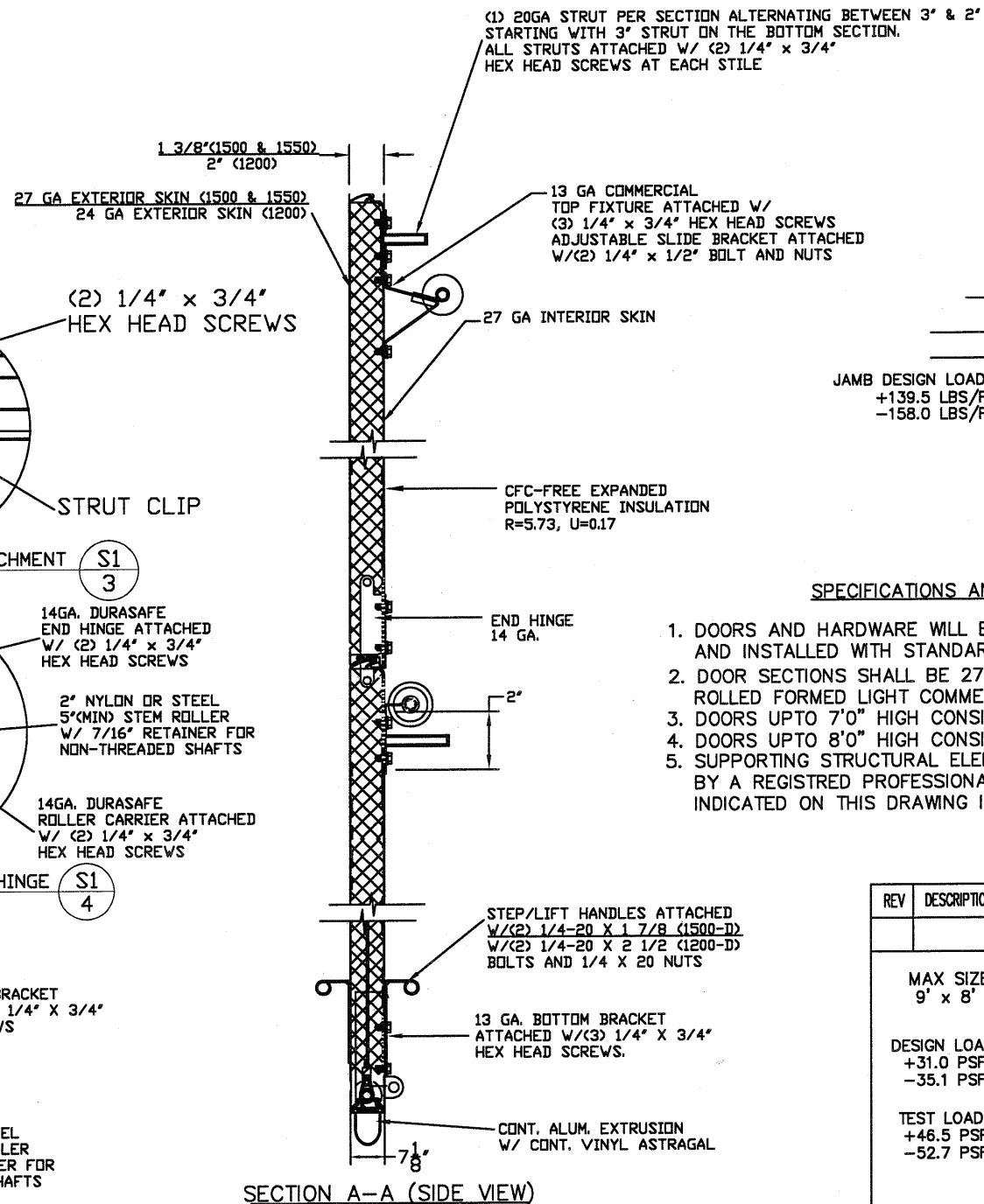
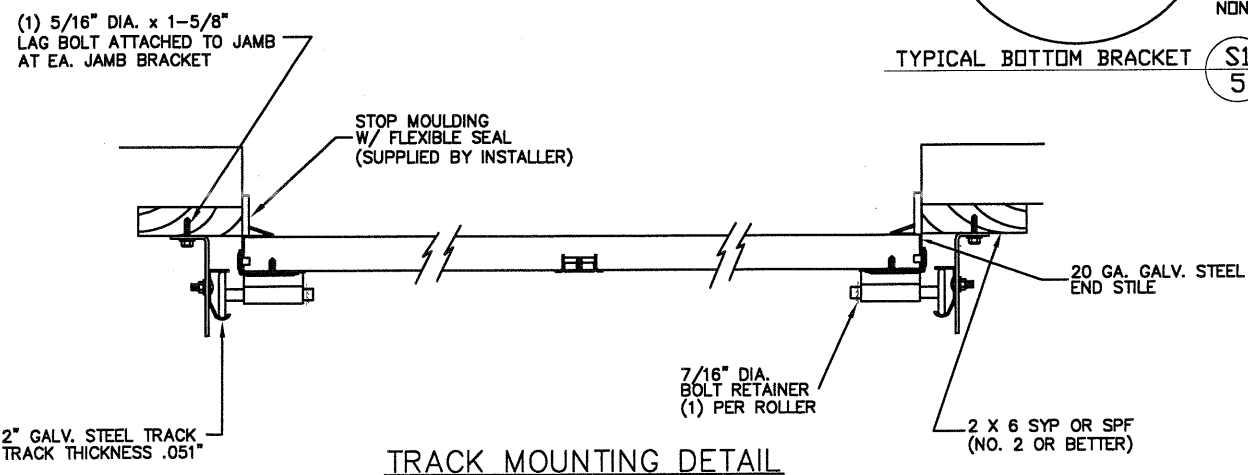
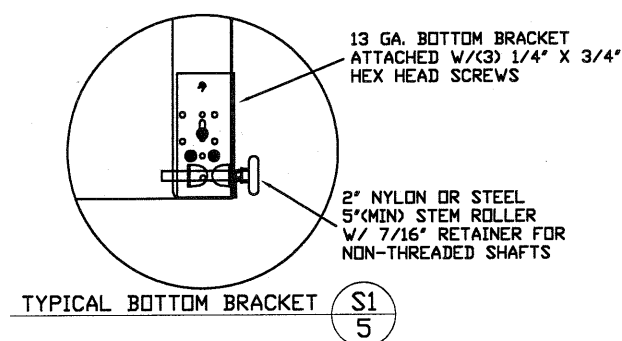
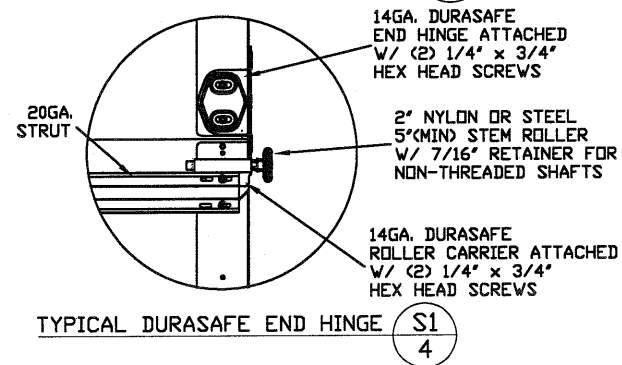
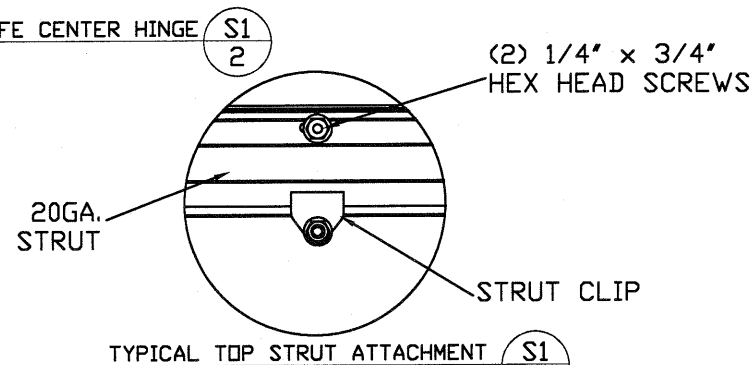
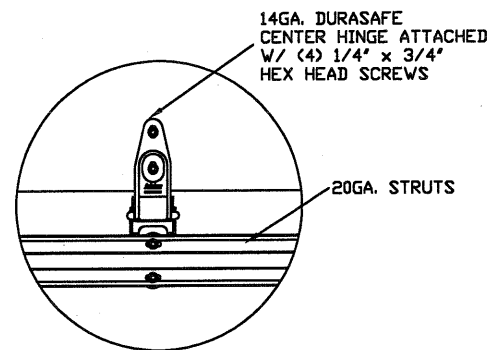
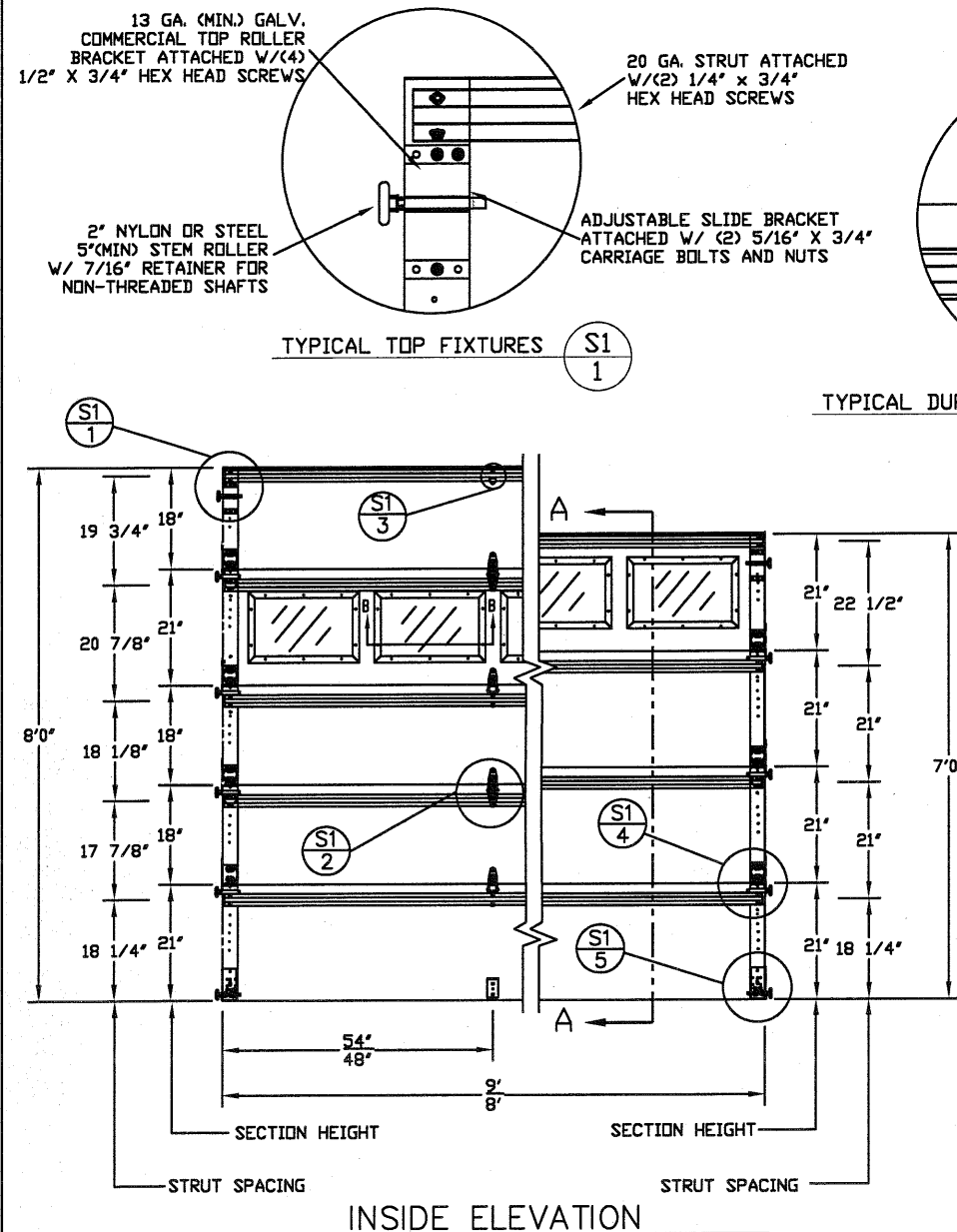


SPECIFICATIONS AND NOTES

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

REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE
9' x 8'

DESIGN LOADS
+31.0 PSF
-35.1 PSF

TEST LOADS
+46.5 PSF
-52.7 PSF

THOMAS L. SHELDERDINE
LICENSE
No. 48679
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.
5521-G W. Friendly Ave., Greensboro, NC 27410

Amarr

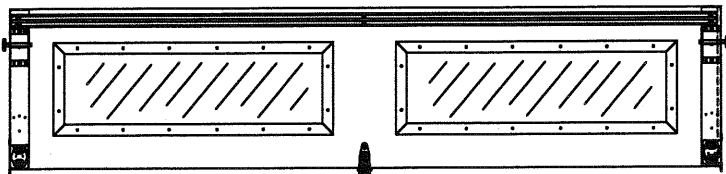
MODEL #1500 AMARR STRATFORD 3000
MODEL #1200 AMARR HERITAGE 3000
MODEL #1550 AMARR OAK SUMMIT 3000
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE B	DRAWN BY RLR	DATE 03/01/12	DRAWING NUMBER IRC-1509-140-15	
	CHECKED BY RLR	DATE 03/01/12		
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105				SHEET 1 OF 3

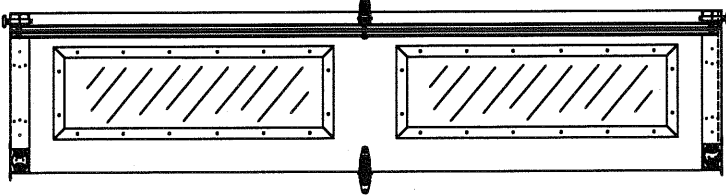
THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108 AND ASTM E330. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	177	161	153	146	140
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

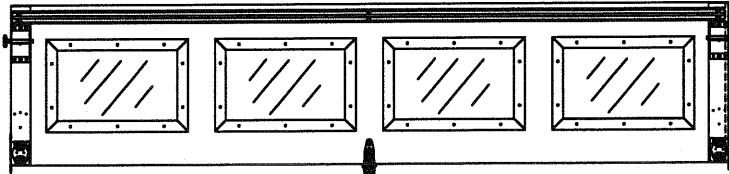
OPTIONAL SHORT AND LONG PANEL GLAZING LAYOUTS
GLAZING MEETS ASTM E1300



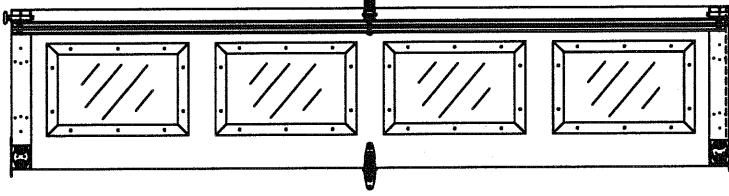
TOP SECTION



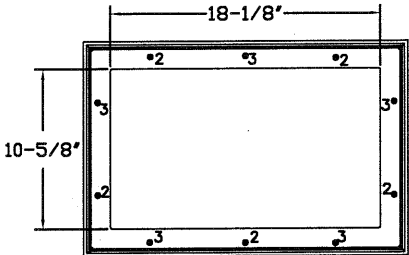
INTERMEDIATE SECTION



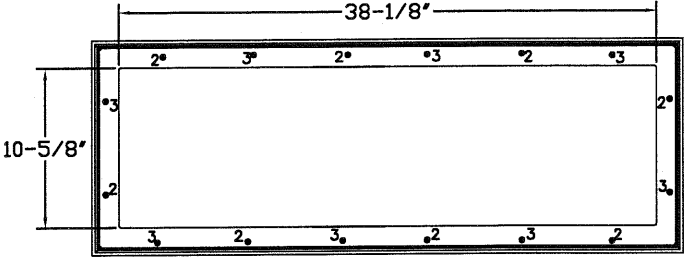
TOP SECTION



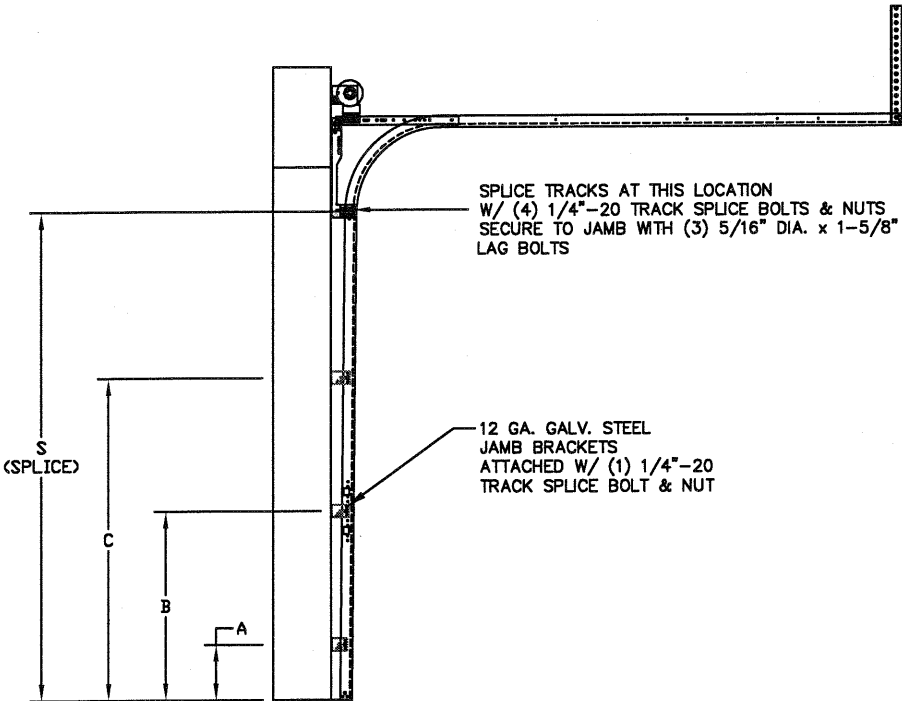
INTERMEDIATE SECTION



SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



LONG PANEL GLAZING FASTENER DETAIL
N.T.S.

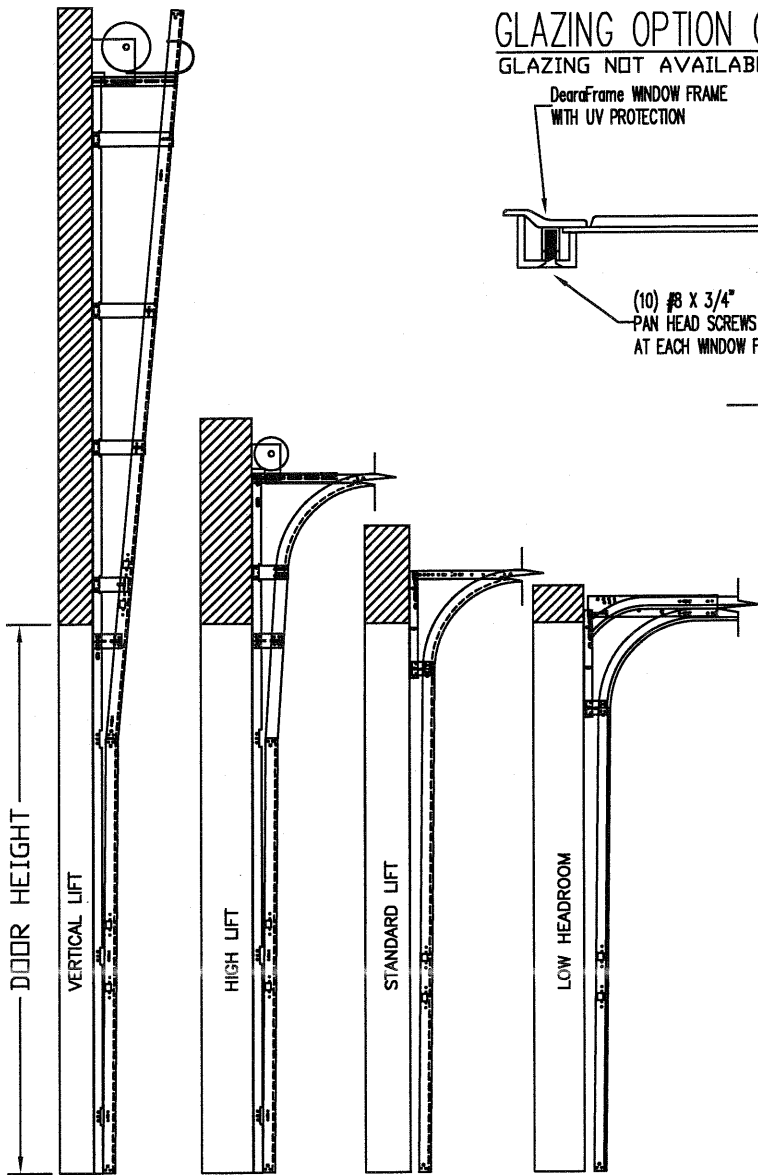


TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

JAMB BRACKET LOCATIONS

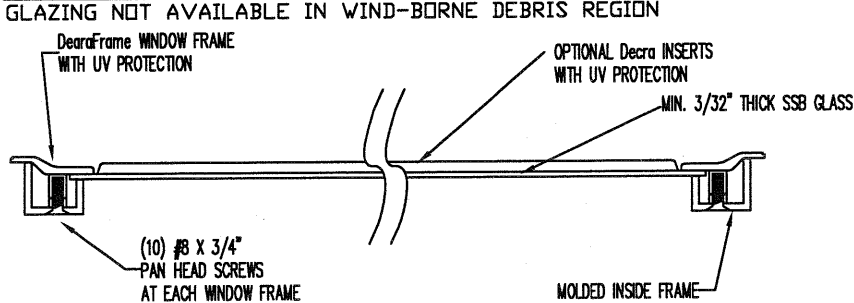
	A	B	C	S
6'-6"	10"	38"		70"
7'-0"	10"	38"	58"	76"
7'-6"	10"	34"	58"	82"
8'-0"	10"	34"	58"	88"

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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

GLAZING OPTION CROSS SECTION



SECTION B-B

REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE
9' x 8'

DESIGN LOADS
+31.0 PSF
-35.1 PSF

TEST LOADS
+46.5 PSF
-52.7 PSF

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

FL

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LICENSE
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STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

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SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE	DRAWN BY	RLR	DATE	03/01/12	DRAWING NUMBER IRC-1509-140-15
B	CHECKED BY	RLR	DATE	03/01/12	
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 2 OF 3

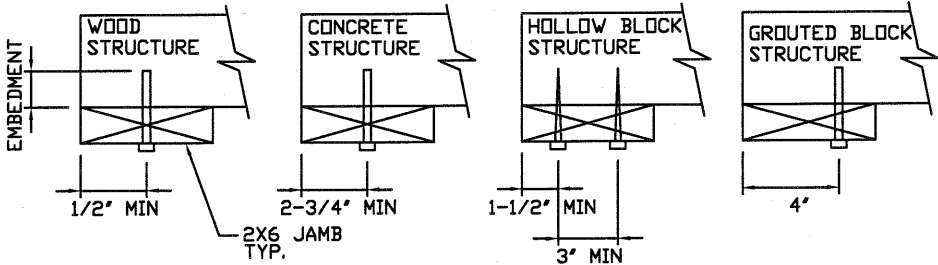
TABLE 1

Section	Panel Type	Center Stile Location (Measured from Left Edge)		Max Design Loads Allowed	
		1st (in)	2nd (in)	Positive (PSF)	Negative (PSF)
6'0	Short	24.406	47.594	46.5	52.6
6'0	Oak Summit	24.644	47.357	46.5	52.6
7'0	Short	29.200	54.800	39.8	45.1
7'0	Oak Summit	29.144	54.857	39.8	45.1
7'2	Short	30.200	55.800	38.9	44.0
7'2	Oak Summit	29.894	56.107	38.9	44.0
7'4	Short	31.200	56.800	38.0	43.0
7'4	Oak Summit	30.644	57.357	38.0	43.0
7'6	Short	32.200	57.800	37.2	42.1
7'6	Long	45.000		37.2	42.1
7'6	Oak Summit	45.000		37.2	42.1
7'8	Short	32.200	60.000	36.3	41.2
7'8	Long	46.000		36.3	41.2
7'8	Oak Summit	46.000		36.3	41.2
7'10	Short	33.000	61.000	35.6	40.3
7'10	Long	47.000		35.6	40.3
7'10	Oak Summit	47.000		35.6	40.3
8'0	Short	48.000		34.8	39.4
8'0	Long	48.000		34.8	39.4
8'0	Oak Summit	48.000		34.8	39.4
8'2	Short	49.000		34.1	38.6
8'2	Long	49.000		34.1	38.6
8'2	Oak Summit	49.000		34.1	38.6
8'4	Short	50.000		33.4	37.9
8'4	Long	50.000		33.4	37.9
8'4	Oak Summit	50.000		33.4	37.9
8'6	Short	51.000		32.8	37.1
8'6	Long	51.000		32.8	37.1
8'6	Oak Summit	51.000		32.8	37.1
8'8	Short	52.000		32.1	36.4
8'8	Long	52.000		32.1	36.4
8'8	Oak Summit	52.000		32.1	36.4
8'10	Short	53.000		31.5	35.7
8'10	Long	53.000		31.5	35.7
8'10	Oak Summit	53.000		31.5	35.7
9'0	Short	54.000		31.0	35.1
9'0	Long	54.000		31.0	35.1
9'0	Oak Summit	54.000		31.0	35.1

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 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 24" 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 24" 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



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

SHEET 3 OF 3