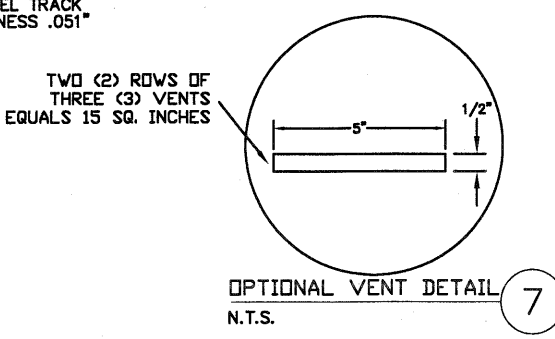
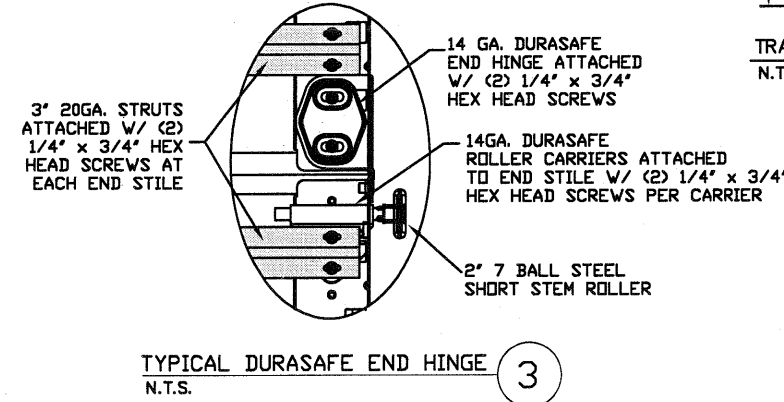
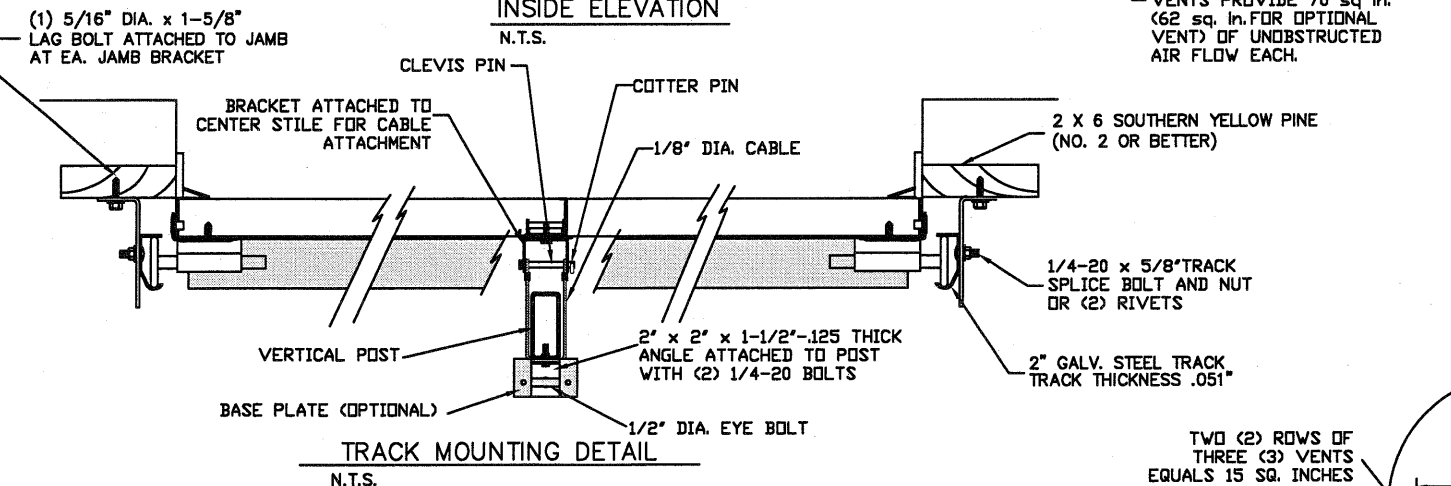
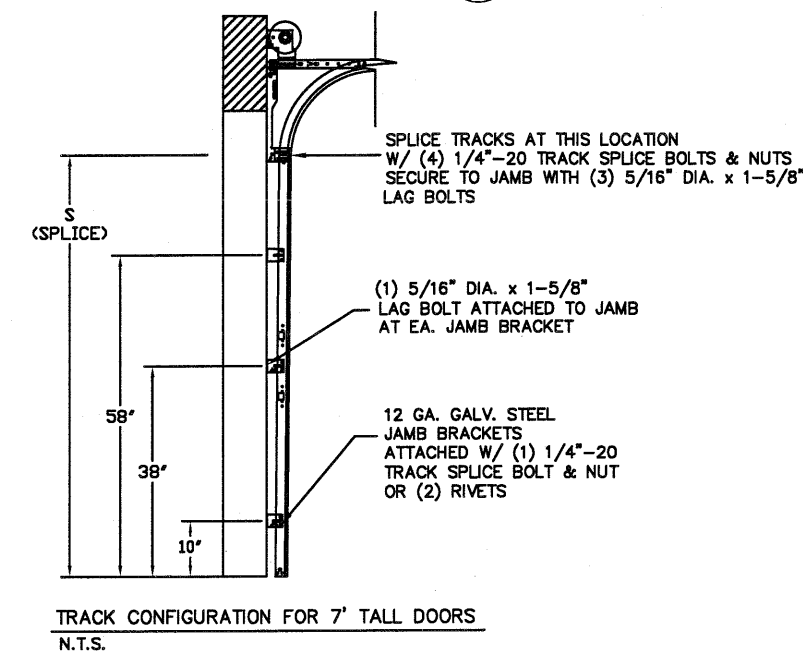
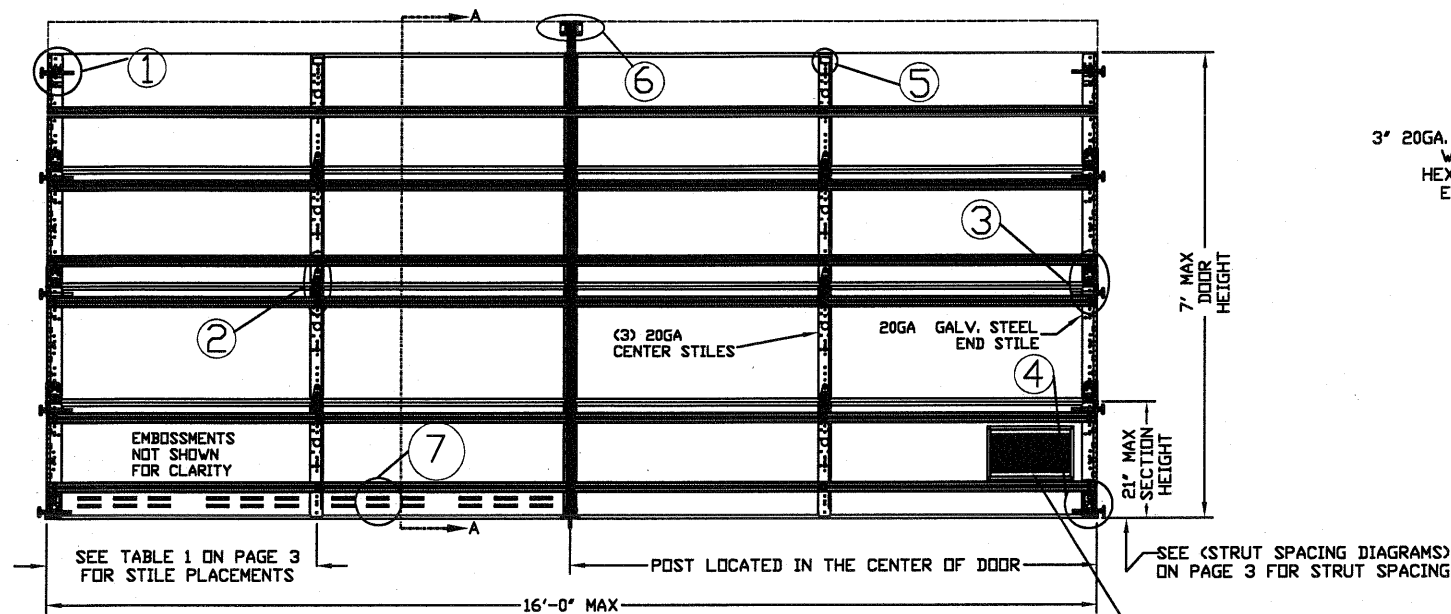
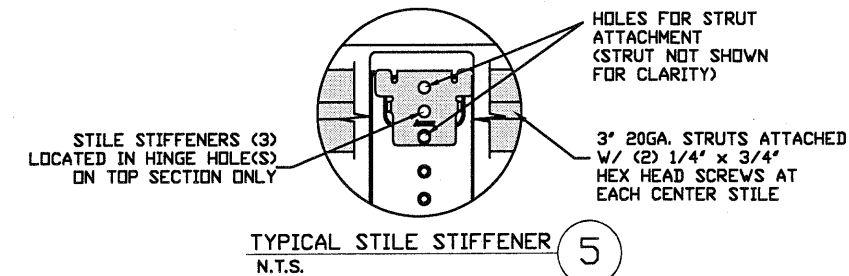
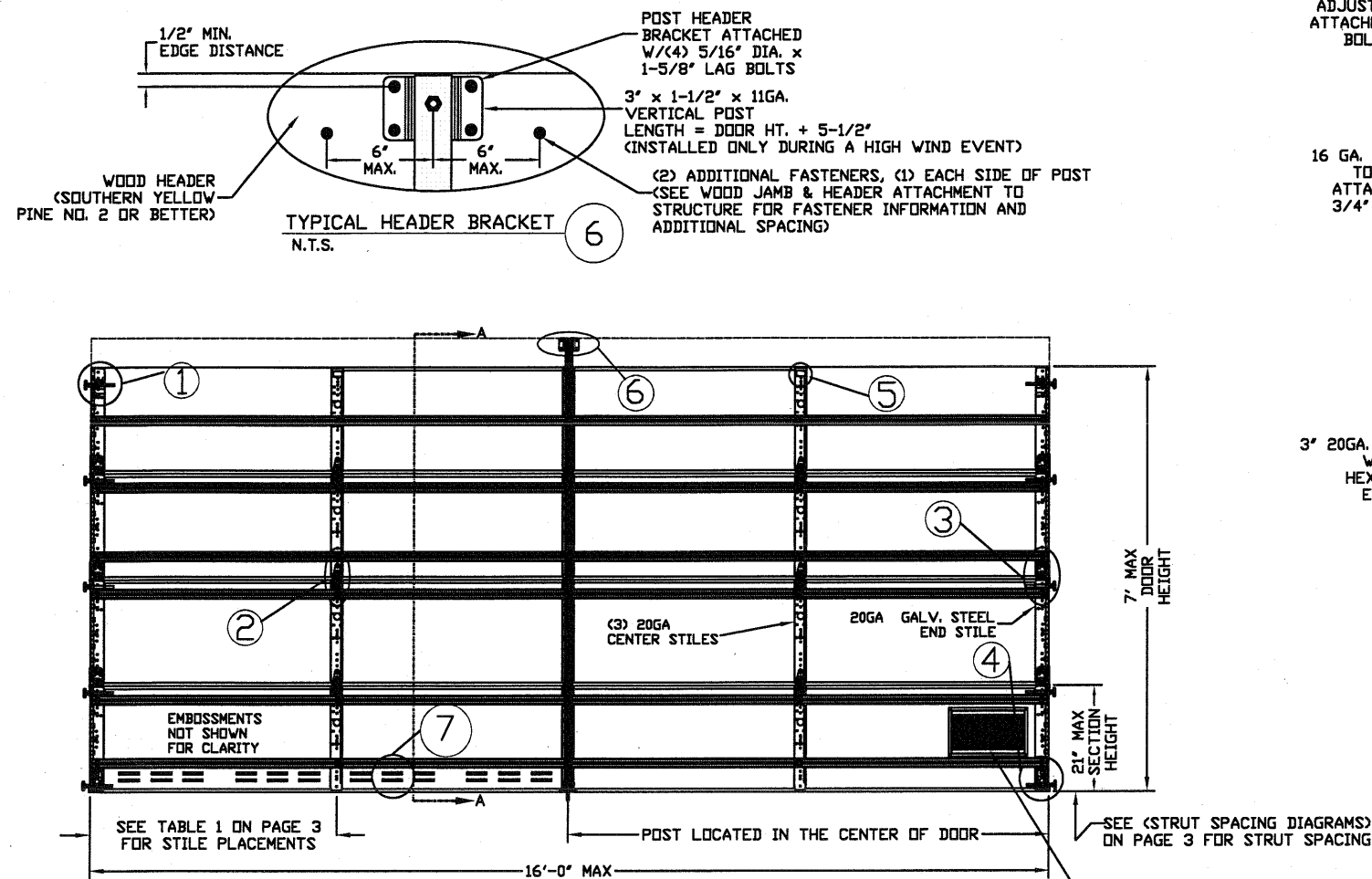


THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	199	181	172	164	157
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

- SPECIFICATIONS AND NOTES**
1. THE HEADER RECEIVES MAXIMUM DESIGN LOADS OF: +1036 LBS & -1148 LBS AT THE TOP OF THE POST.
 2. EACH VERTICAL JAMB RECEIVES MAXIMUM DESIGN LOADS OF: +148 LBS/FT & -164 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. MIN. (.0186") 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.

REV	DESCRIPTION OF REVISIONS	DATE	BY
B	REVISED NOTE 6	09/02/08	DLJ

MAX SIZE
16' x 7'

DESIGN LOADS
+37.0 PSF
-41.0 PSF

TEST LOADS
+55.5 PSF
-61.5 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

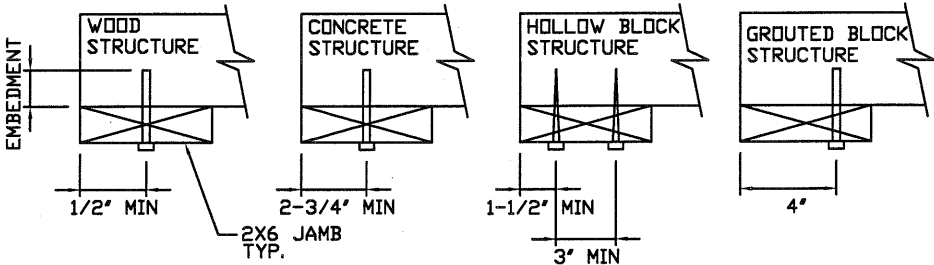
Amarr

MODEL #650 AMARR OAK SUMMIT 1000, 2000			
MODEL #600 AMARR STRATFORD 1000, 2000			
MODEL #950 AMARR HERITAGE 1000, 2000			
Short, Long, Flush & Oak Summit Panel's			
SIZE	DRAWN BY	DATE	DRAWING NUMBER
B	DLJ	03/23/06	IRC-6716-155-45
	CHECKED BY	DATE	
	AAE	03/23/06	
ENTREHATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 1 OF 3

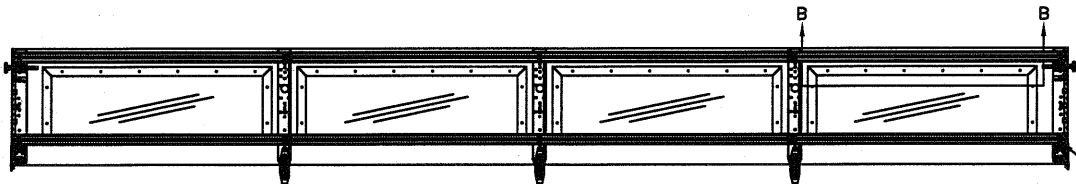
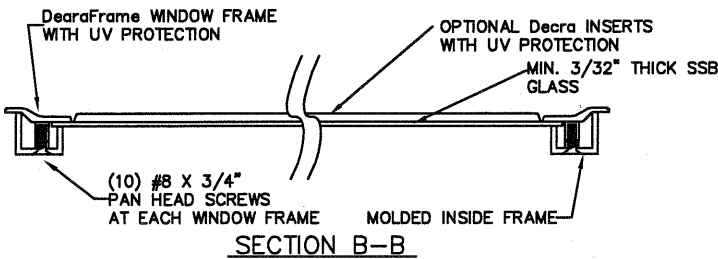
WOOD JAMB & HEADER ATTACHMENT TO STRUCTURE
SEE NOTE 1

2 X 6 VERTICAL JAMB & HEADER 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 & HEADER 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 & HEADER ATTACHMENT TO HOLLOW C-90 BLOCK *SEE NOTE 2*
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 & HEADER 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)

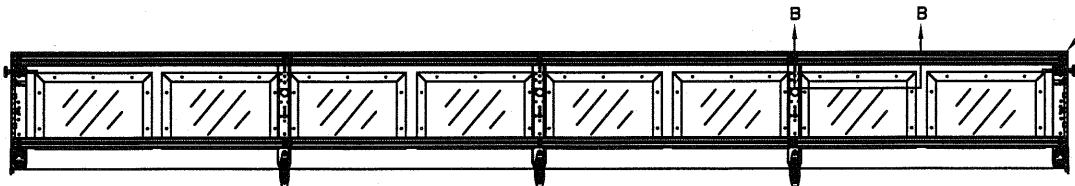
- *NOTES*
- 1. REFER TO DETAIL (6) FOR ADDITIONAL FASTENERS AT HEADER
 - 2. OPTION NOT AVAILABLE FOR HEADER ATTACHMENT
 - 3. LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE
 - 4. PREPARATION OF WOOD JAMBS BY OTHERS



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

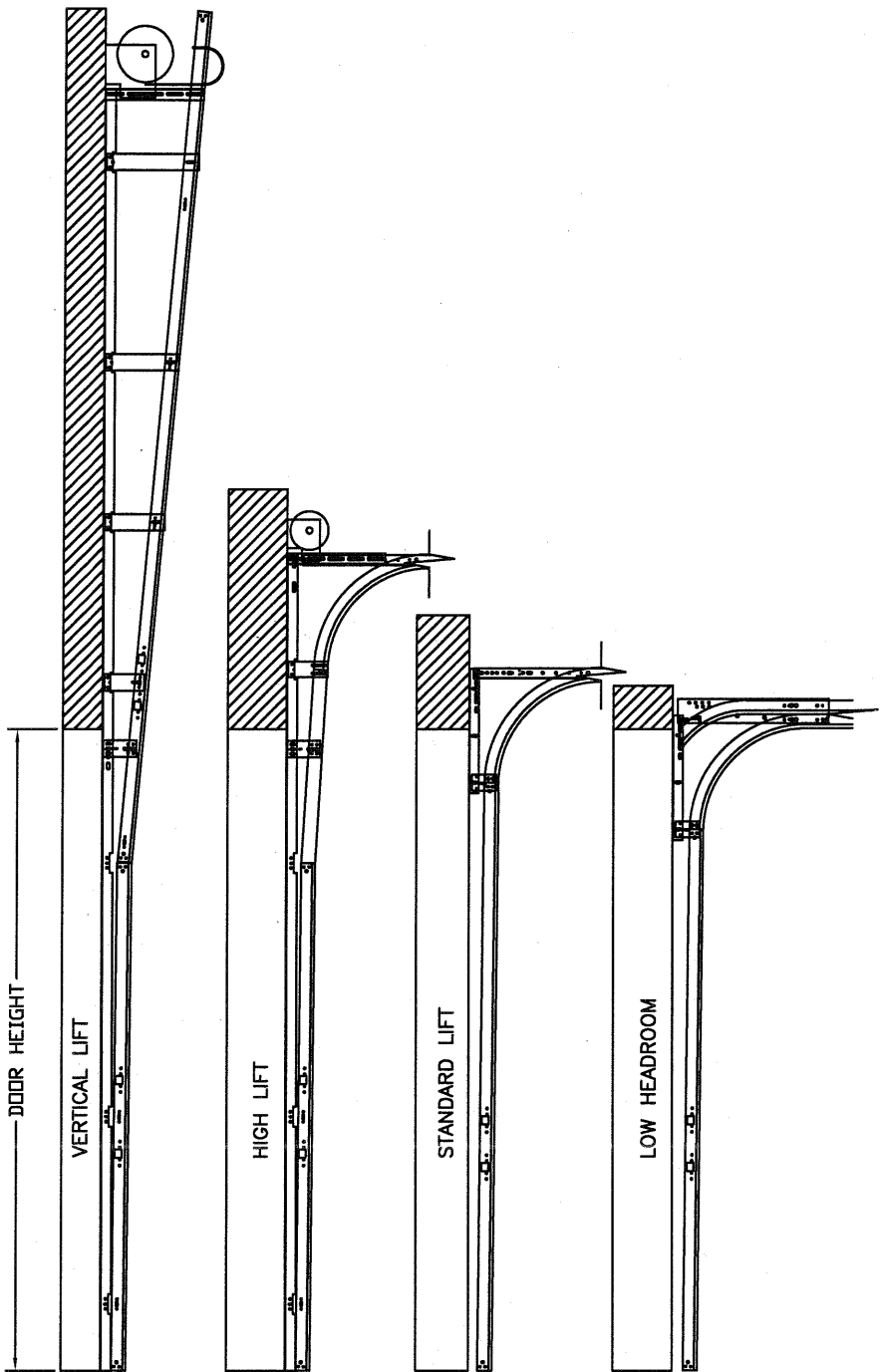


OPTIONAL LONG PANEL GLAZED SECTION STRUT AND STILE LAYOUT
SEE TABLE 1 FOR GLAZING AVAILABILITY



OPTIONAL SHORT PANEL GLAZED SECTION STRUT AND STILE LAYOUT
SEE TABLE 1 FOR GLAZING AVAILABILITY

3" 20GA. STRUT LOCATED AT THE TOP
AND BOTTOM OF GLAZED SECTION
ATTACHED W/ (2) 1/4" X 3/4" HEX
HEAD SCREWS AT END AND CENTER
STILES



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
B	REVISED NOTE 6	09/02/08	DLJ
MAX SIZE 16' x 7' DESIGN LOADS +37.0 PSF -41.0 PSF TEST LOADS +55.5 PSF -61.5 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 #650 AMARR OAK SUMMIT 1000, 2000 MODEL #600 AMARR STRATFORD 1000, 2000 MODEL #950 AMARR HERITAGE 1000, 2000 Short, Long, Flush & Oak Summit Panel's			
SIZE	DRAWN BY DLJ	DATE 03/23/06	DRAWING NUMBER
B	CHECKED BY AAE	DATE 03/23/06	IRC-6716-155-45
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 2 OF 3

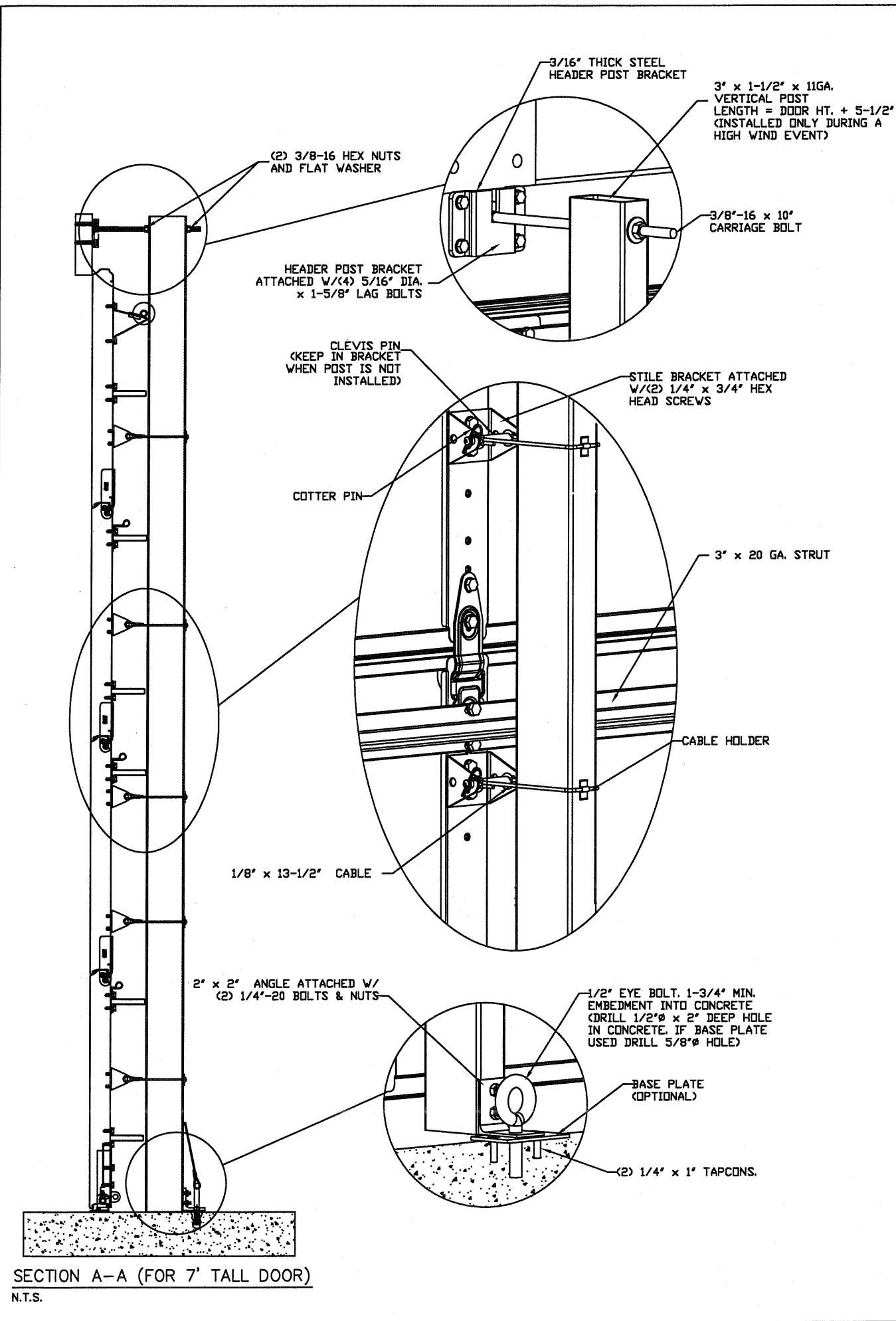
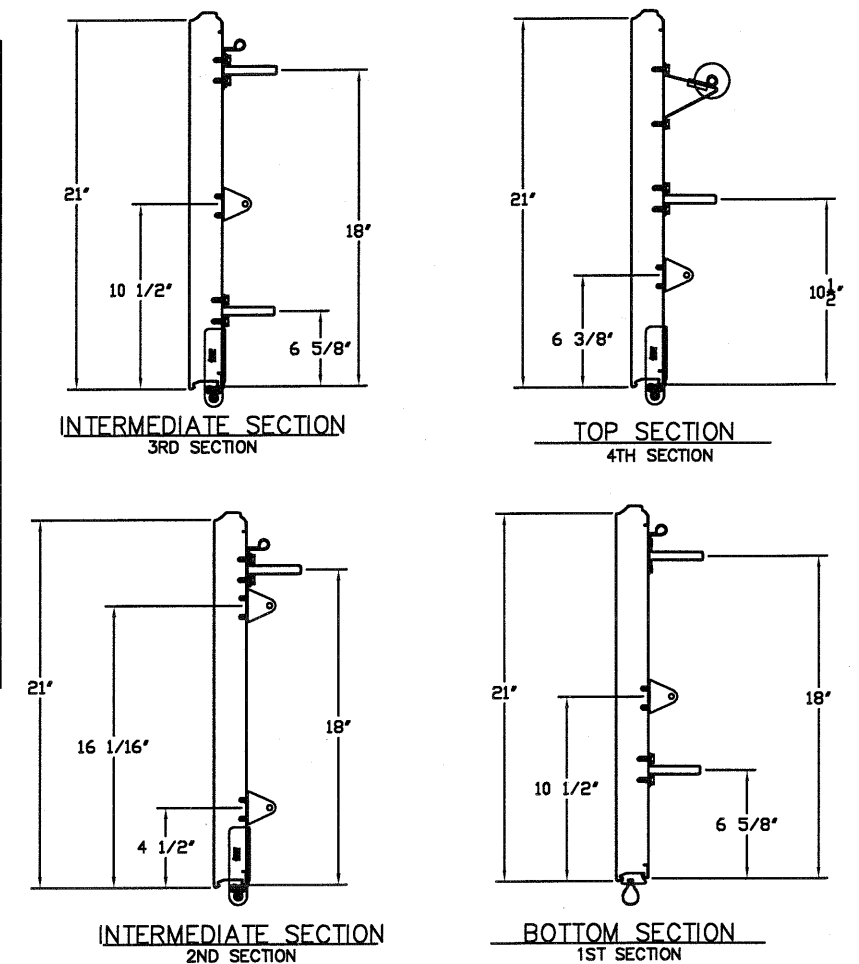


TABLE 1

Section Width (ft)	Panel Type	Center Stile Locations			Max Design Loads Allowed		Glazing Available
		1st (in)	2st (in)	3rd (in)	Positive (PSF)	Negative (PSF)	
10' 0"	Short	48.41	*71.59		49.4	54.7	Yes
10' 0"	Long	30.00	*60.00	90.00	58.9	65.3	No
10' 0"	Oak Summit	30.63	*60.00	89.38	58.9	65.3	No
12' 0"	Short	48.81	*72.00	95.19	49.1	54.4	Yes
12' 0"	Long	49.63	*72.00	94.38	49.1	54.4	No
12' 0"	Oak Summit	48.31	*72.00	95.69	49.1	54.4	No
13' 0"	Short	53.00	*78.00	103.00	45.3	50.2	Yes
13' 0"	Long	54.10	*78.00	101.90	45.3	50.2	No
13' 0"	Oak Summit	52.81	*78.00	103.19	45.3	50.2	No
14' 0"	Short	57.76	*84.00	110.11	42.1	46.6	Yes
14' 0"	Long	58.63	*84.00	109.38	42.1	46.6	No
14' 0"	Oak Summit	57.31	*84.00	110.69	42.1	46.6	No
15' 0"	Short	61.94	*90.00	117.94	39.3	43.5	Yes
15' 0"	Long	46.60	*90.00	133.40	39.3	43.5	No
15' 0"	Oak Summit	61.81	*90.00	118.19	39.3	43.5	No
16' 0"	Short	49.62	*96.00	142.38	37	41	Yes
16' 0"	Long	50.60	*96.00	141.40	37	41	Yes
16' 0"	Oak Summit	48.42	*96.00	143.58	37	41	Yes

*Vertical Post location



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B	REVISED NOTE 6	09/02/08	DLJ

MAX SIZE 16' x 7' DESIGN LOADS +37.0 PSF -41.0 PSF TEST LOADS +55.5 PSF -61.5 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
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ENTREMATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

SHEET 3 OF 3