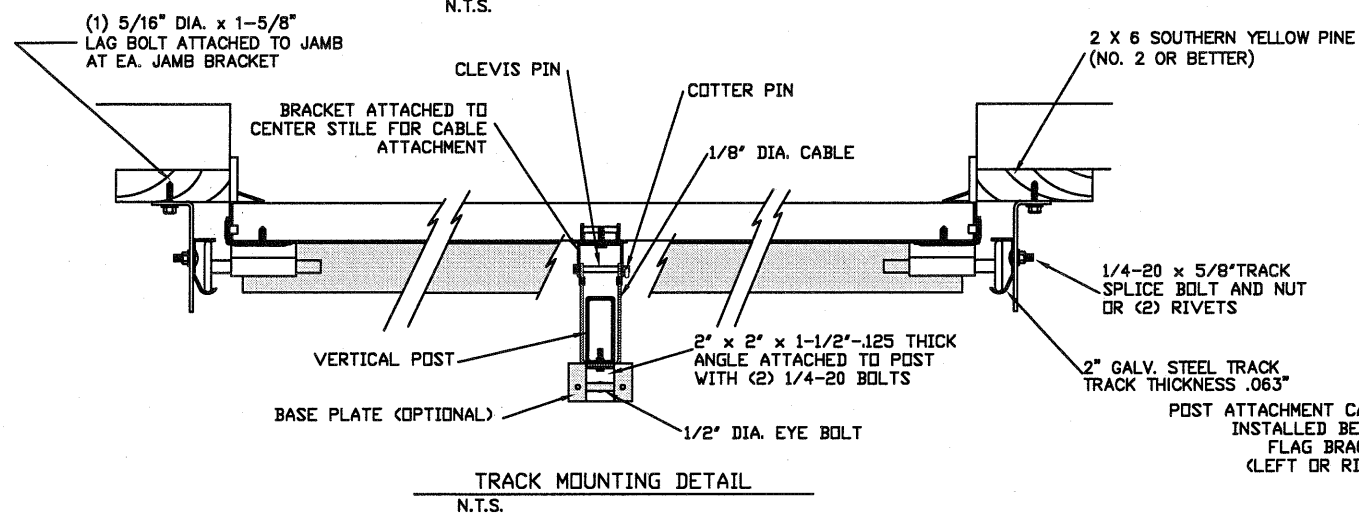
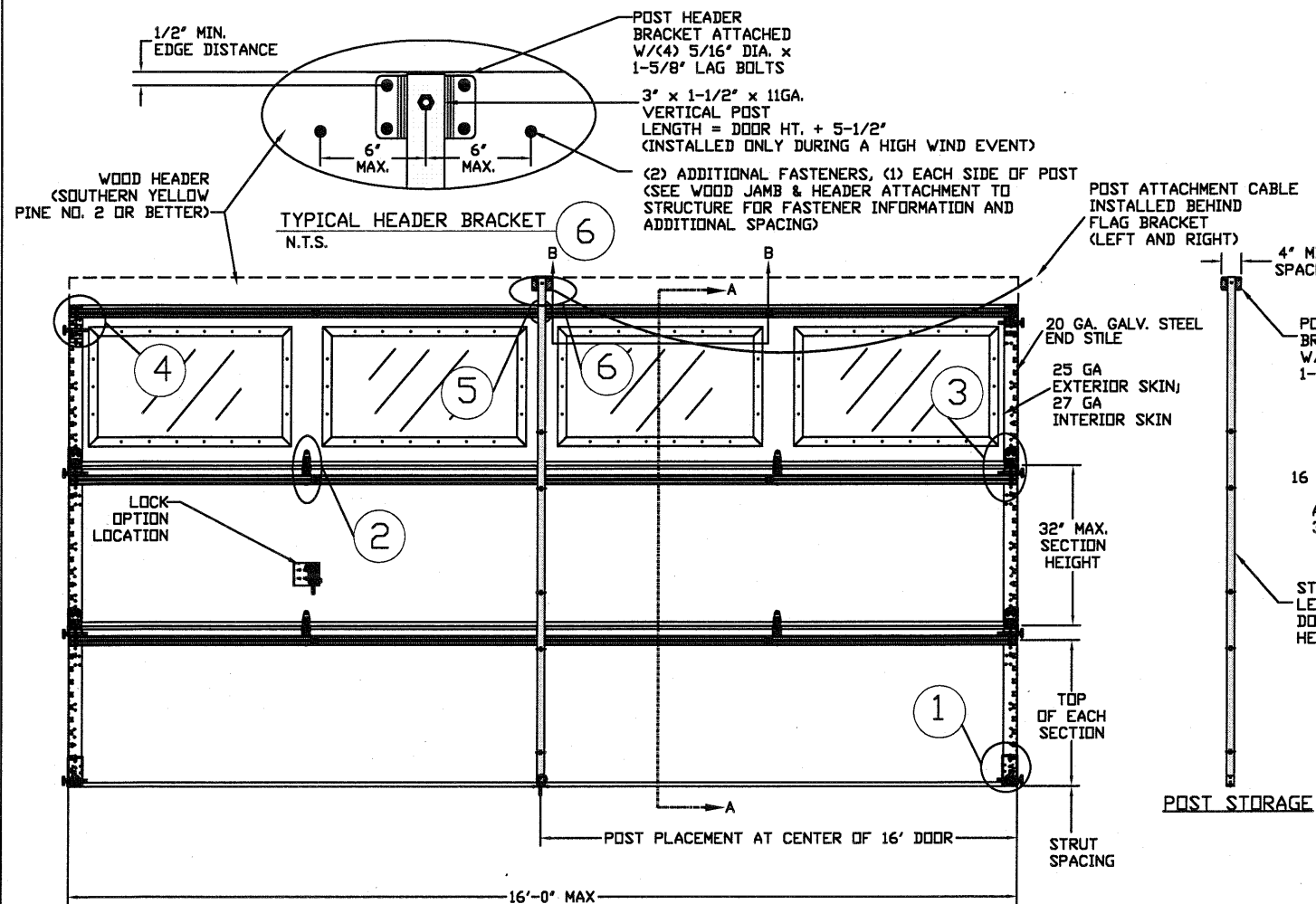
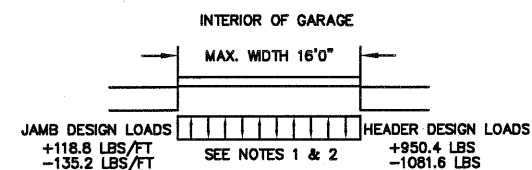


THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	182	165	157	150	144
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: +950.4 LBS & -1081.6 LBS AT THE TOP OF EACH POST.
 2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +118.6 LBS/FT & -135.2 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. (.019") EXTERIOR, AND 27 GA. MIN (.014") INTERIOR ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
 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	12/15/08	CBT
C	ADDED CABLE TO POST	11/07/11	DRC

MAX SIZE 16' x 8'

DESIGN LOADS +29.7 PSF -33.8 PSF

TEST LOADS (1.5 x DESIGN LOADS) +44.5 PSF -50.6 PSF

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

THOMAS L. SHELDERMINE 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

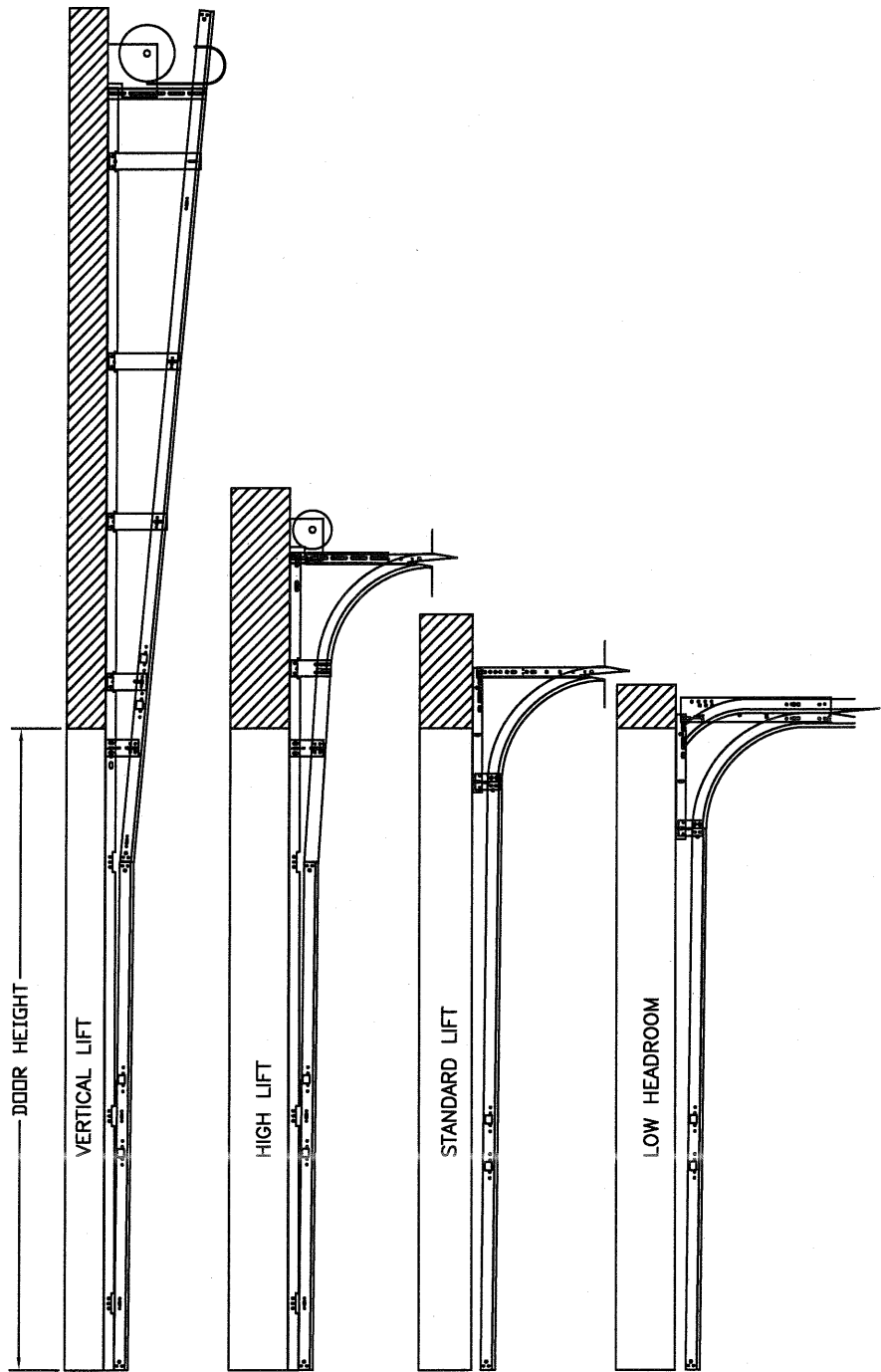
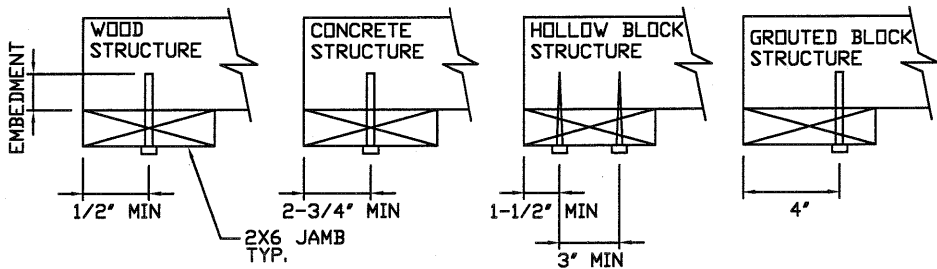
MODEL 3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	BHG	DATE	03/13/06	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	03/13/06	IRC-3316-140-45
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 1 OF 3

WOOD JAMB & HEADER ATTACHMENT TO STRUCTURE
SEE NOTE 1

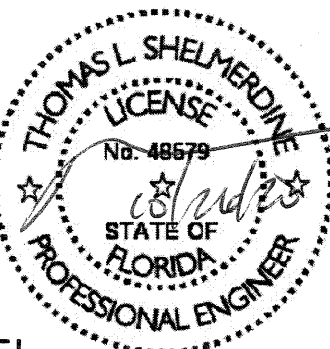
2 X 6 VERTICAL JAMB & HEADER ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)
2 X 6 VERTICAL JAMB & HEADER ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

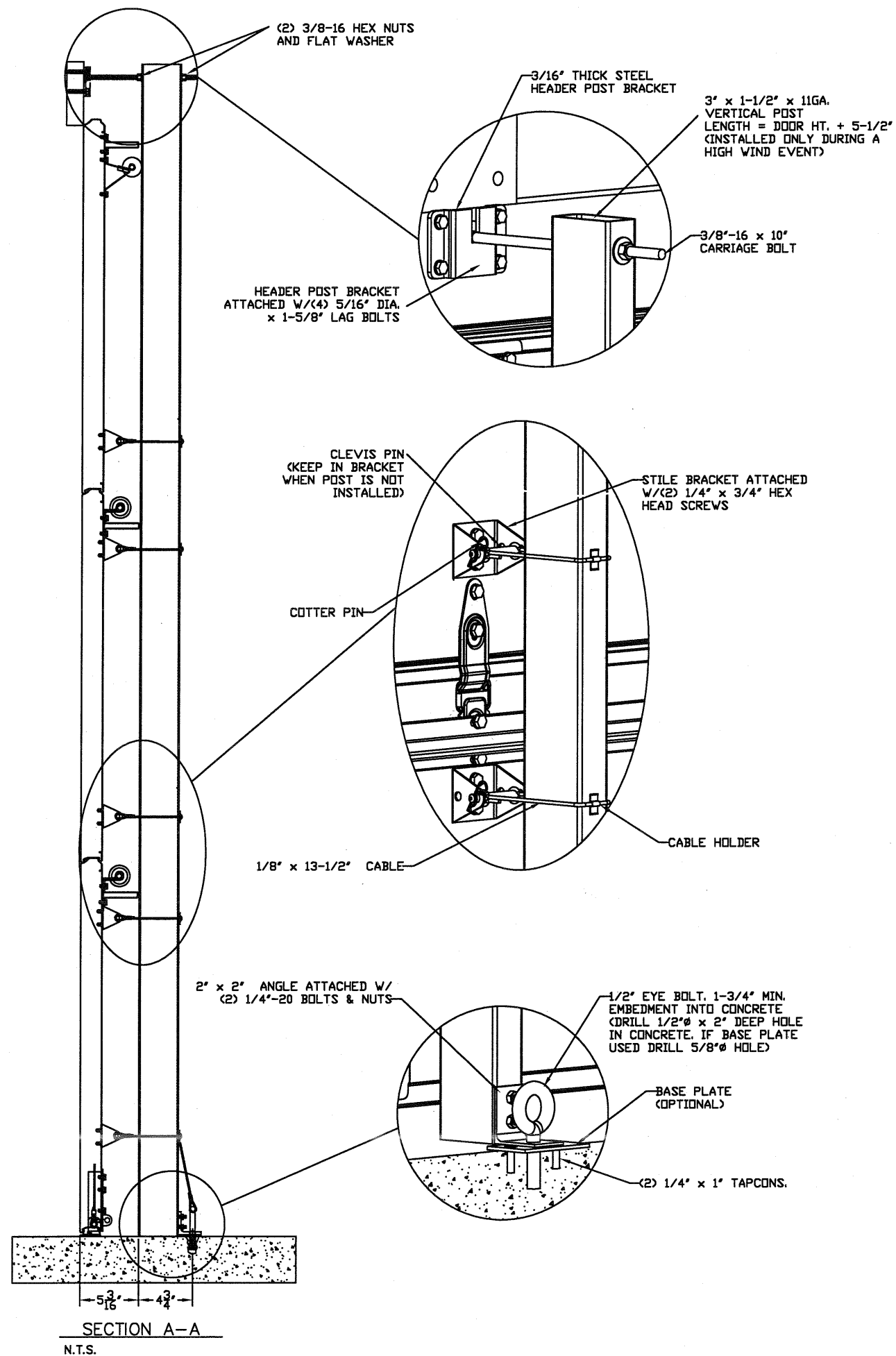
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B	REVISED NOTE 6	12.15.08	CBT
C	ADDED CABLE TO POST	11/07/11	DRC

MAX SIZE 16' x 8' DESIGN LOADS +29.7 PSF -33.8 PSF TEST LOADS (1.5 x DESIGN LOADS) +44.5 PSF -50.6 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. Friendly Ave., Greensboro, NC 27410
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MODEL 3000 AMARR CLASSICA 3000			

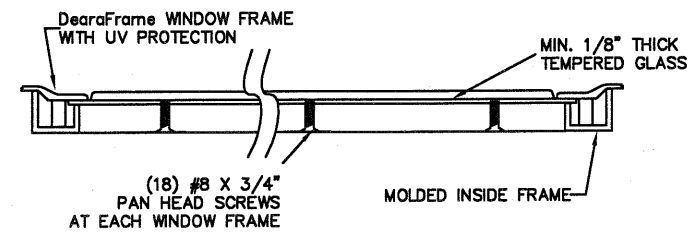
SIZE B	DRAWN BY BHG	DATE 03/13/06	DRAWING NUMBER IRC-3316-140-45
	CHECKED BY DLW	DATE 03/13/06	

ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 2 OF 3
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GLAZING OPTION CROSS SECTION

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



SECTION B-B

REV	DESCRIPTION OF REVISIONS	DATE	BY
B	REVISED NOTE 6	12.15.08	CBT
C	ADDED CABLE TO POST	11/07/11	DRC

MAX SIZE 16' x 8' DESIGN LOADS +29.7 PSF -33.8 PSF TEST LOADS (1.5 x DESIGN LOADS) +44.5 PSF -50.6 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
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MODEL 3000 AMARR CLASSICA 3000

SIZE	DRAWN BY	BHG	DATE	03/13/06	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	03/13/06	IRC-3316-140-45
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 3 OF 3