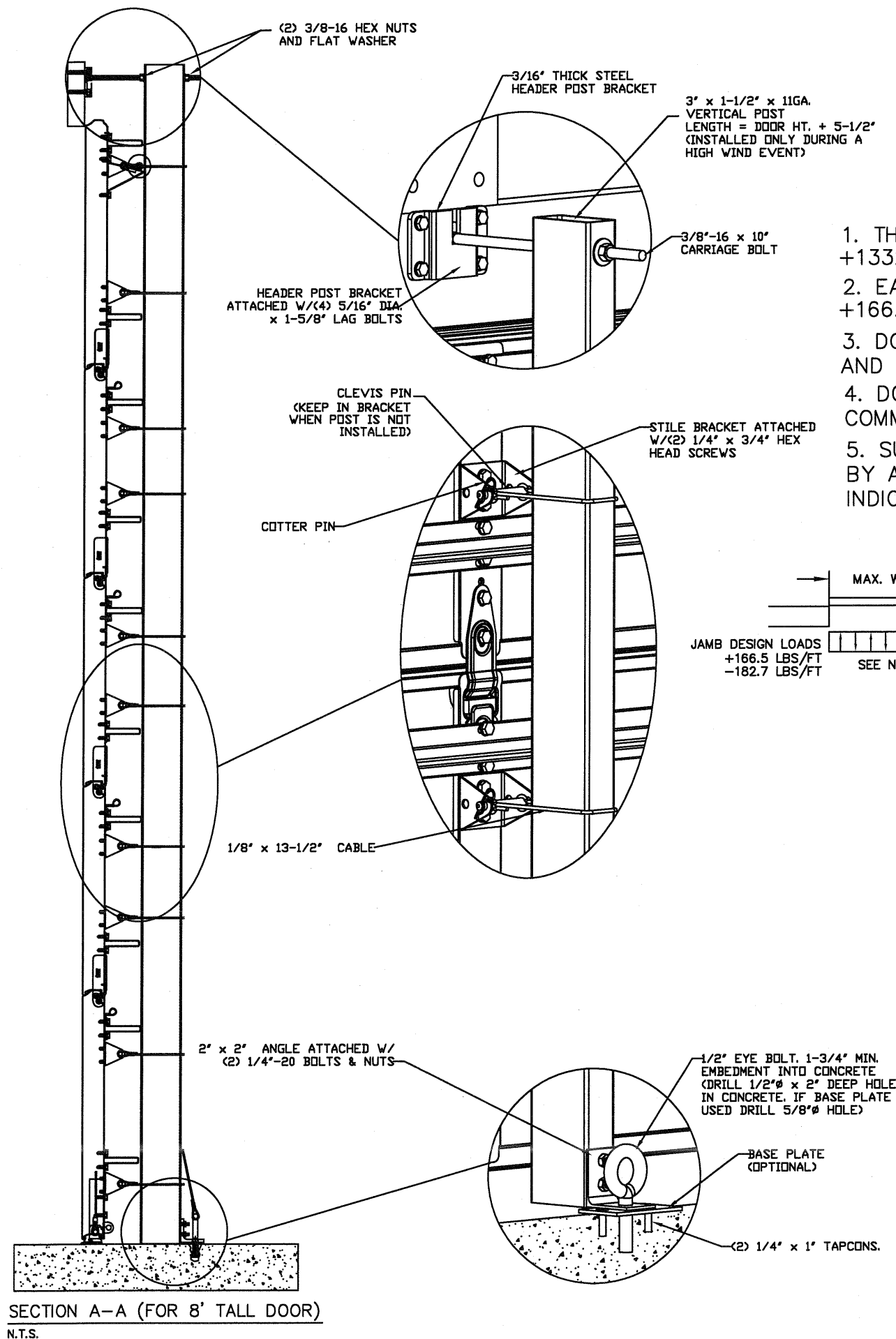
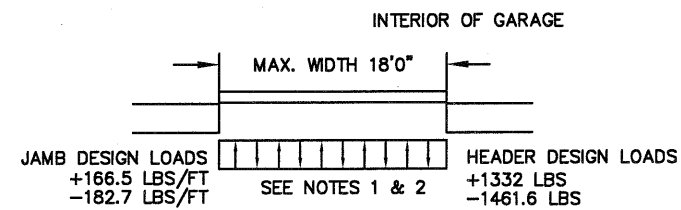




SPECIFICATIONS AND NOTES

1. THE HEADER RECEIVES MAXIMUM DESIGN LOADS OF: +1332 LBS & -1461.6 LBS AT THE TOP OF THE POST.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +166.5 LBS/FT & -182.7 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.



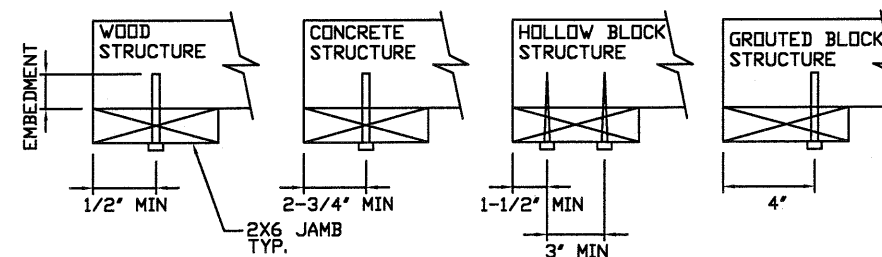
WOOD JAMB & HEADER ATTACHMENT TO STRUCTURE

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 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 & 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)

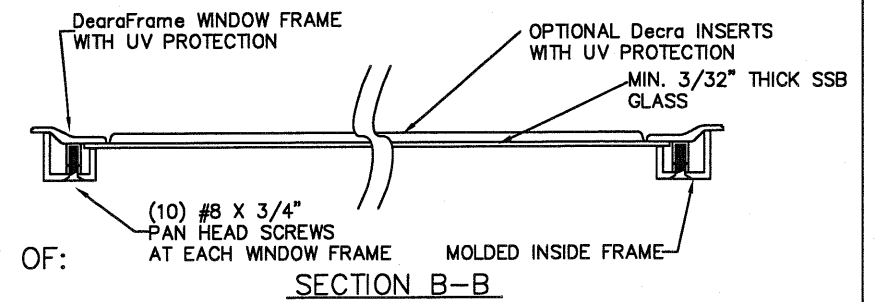
NOTES

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 1300-04



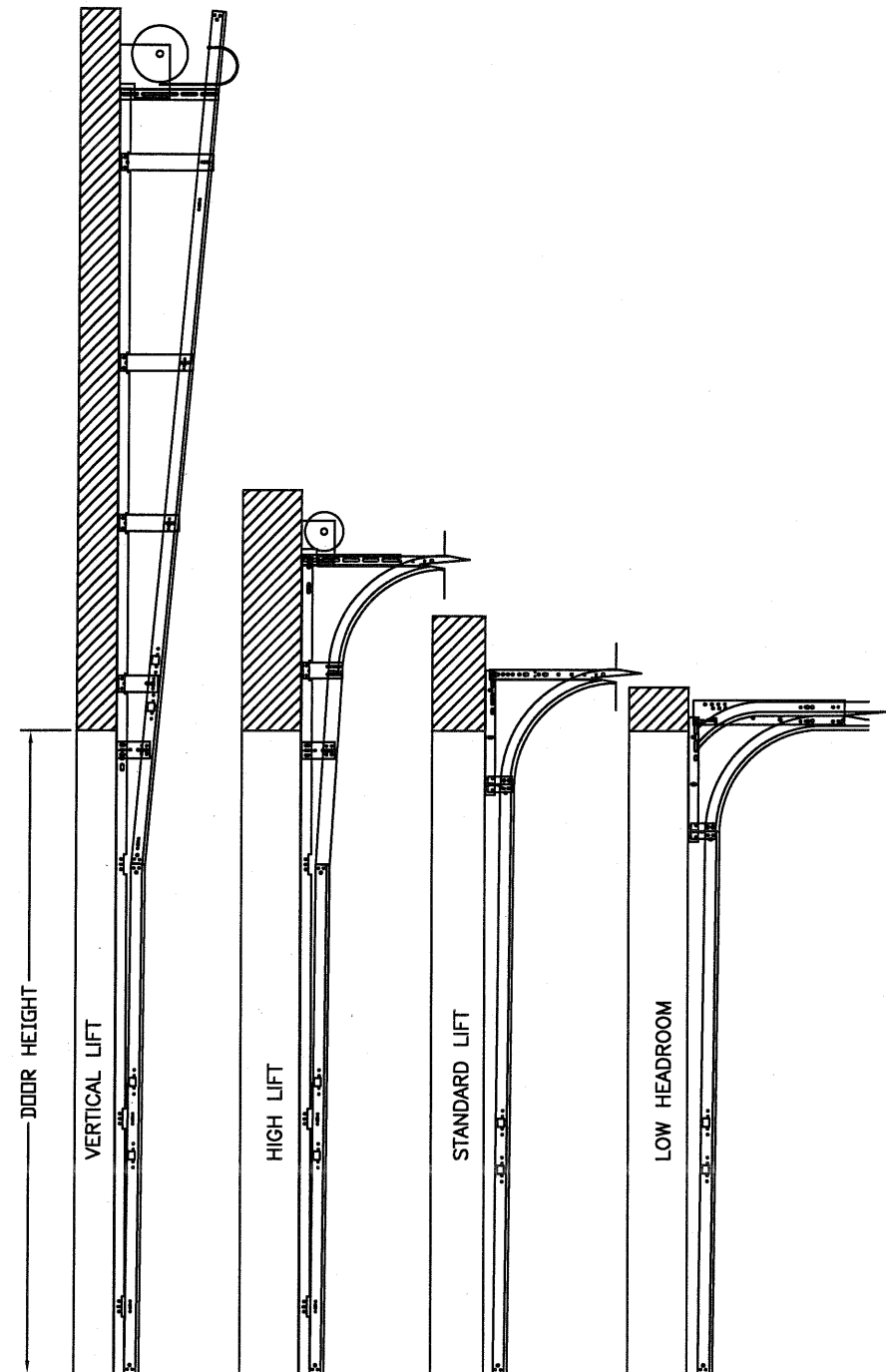
REV	DESCRIPTION OF REVISIONS	DATE	BY
A	NOTE 4 SKIN GAUGE CORRECTED	2/21/08	SKW
B	REVISED NOTE 6	9/2/08	BHG

MAX SIZE 18' x 8' DESIGN LOADS +37.0 PSF -40.6 PSF TEST LOADS (1.5 x DESIGN LOADS) +55.5 PSF -60.8 PSF	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL	THOMAS L. SHELMERDINE LICENSE No. 48579 11/2/08 STATE OF FLORIDA PROFESSIONAL ENGINEER	dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
---	---	---	---

Amarr

MODEL #600 AMARR STRATFORD 1000, 2000
MODEL #650 AMARR OAK SUMMIT 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000
Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	BHG	DATE	10/04/06	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	10/04/06	IRC-6018-155-45
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 2 OF 3



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 1

Section	Panel Type	Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
		1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
16' 0	Short	49.62	72.81	96.00	119.19	142.38	41.4	45.6
16' 0	Long	50.60	73.30	96.00	118.70	141.40	41.4	45.6
16' 0	Oak Summit	48.42	72.21	96.00	119.79	143.58	41.4	45.6
16' 2	Short	50.27	73.64	97.00	120.36	143.73	41.0	45.2
16' 2	Long	51.17	74.08	97.00	119.92	142.83	41.0	45.2
16' 2	Oak Summit	48.75	72.88	97.00	121.13	145.25	41.0	45.2
16' 4	Short	51.27	74.64	98.00	121.36	144.73	40.6	44.7
16' 4	Long	52.17	75.08	98.00	120.92	143.83	40.6	44.7
16' 4	Oak Summit	49.08	73.54	98.00	122.46	146.92	40.6	44.7
16' 6	Short	52.27	75.64	99.00	122.36	145.73	40.2	44.2
16' 6	Long	51.34	75.17	99.00	122.83	146.66	40.2	44.2
16' 6	Oak Summit	49.42	74.21	99.00	123.79	148.59	40.2	44.2
16' 8	Short	51.34	75.67	100.00	124.33	148.66	39.8	43.8
16' 8	Long	52.20	76.10	100.00	123.90	147.80	39.8	43.8
16' 8	Oak Summit	49.92	74.96	100.00	125.04	150.09	39.8	43.8
16' 10	Short	51.50	76.25	101.00	125.75	150.50	39.4	43.4
16' 10	Long	53.20	77.10	101.00	124.90	148.80	39.4	43.4
16' 10	Oak Summit	50.15	75.57	101.00	126.29	151.59	39.4	43.4
17' 0	Short	53.34	77.67	102.00	126.33	150.66	39.0	42.9
17' 0	Long	54.20	78.10	102.00	125.90	149.80	39.0	42.9
17' 0	Oak Summit	50.92	76.46	102.00	127.54	153.09	39.0	42.9
17' 2	Short	53.00	78.00	103.00	128.00	153.00	38.6	42.5
17' 2	Long	55.20	79.10	103.00	126.90	150.80	38.6	42.5
17' 2	Oak Summit	51.42	77.21	103.00	128.79	154.59	38.6	42.5
17' 4	Short	54.00	79.00	104.00	129.00	154.00	38.2	42.1
17' 4	Long	56.20	80.10	104.00	127.90	151.80	38.2	42.1
17' 4	Oak Summit	51.92	77.96	104.00	130.04	156.09	38.2	42.1
17' 6	Short	55.00	80.00	105.00	130.00	155.00	37.9	41.7
17' 6	Long	57.20	81.10	105.00	128.90	152.80	37.9	41.7
17' 6	Oak Summit	52.42	78.71	105.00	131.29	157.59	37.9	41.7
17' 8	Short	54.80	80.40	106.00	131.60	157.20	37.5	41.3
17' 8	Long	55.80	80.90	106.00	131.10	156.20	37.5	41.3
17' 8	Oak Summit	52.92	79.46	106.00	132.54	159.09	37.5	41.3
17' 10	Short	55.80	81.40	107.00	132.60	158.20	37.2	40.9
17' 10	Long	56.25	81.63	107.00	132.38	157.75	37.2	40.9
17' 10	Oak Summit	53.42	80.21	107.00	133.79	160.59	37.2	40.9
18' 0	Short	57.25	82.63	108.00	133.38	158.75	37.0	40.6
18' 0	Long	57.80	82.90	108.00	133.10	158.20	37.0	40.6
18' 0	Oak Summit	53.92	80.96	108.00	135.04	162.09	37.0	40.6

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	NOTE 4 SKIN GAUGE CORRECTED	2/21/08	SKW
B	REVISED NOTE 6	9/2/08	BHG

MAX SIZE
18' x 8'

DESIGN LOADS
+37.0 PSF
-40.6 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+55.5 PSF
-60.8 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 #600 AMARR STRATFORD 1000, 2000
MODEL #650 AMARR OAK SUMMIT 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000
Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	BHG	DATE	10/04/06	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	10/04/06	IRC-6018-155-45
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 3 OF 3