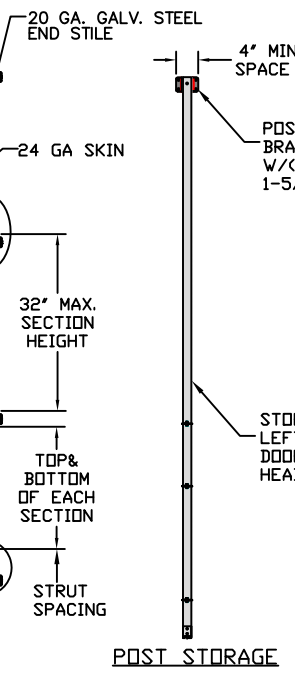
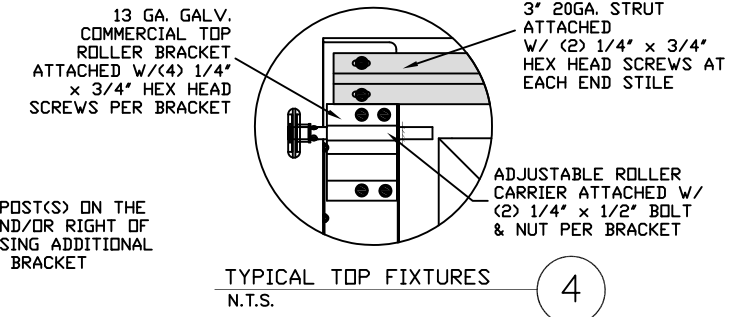


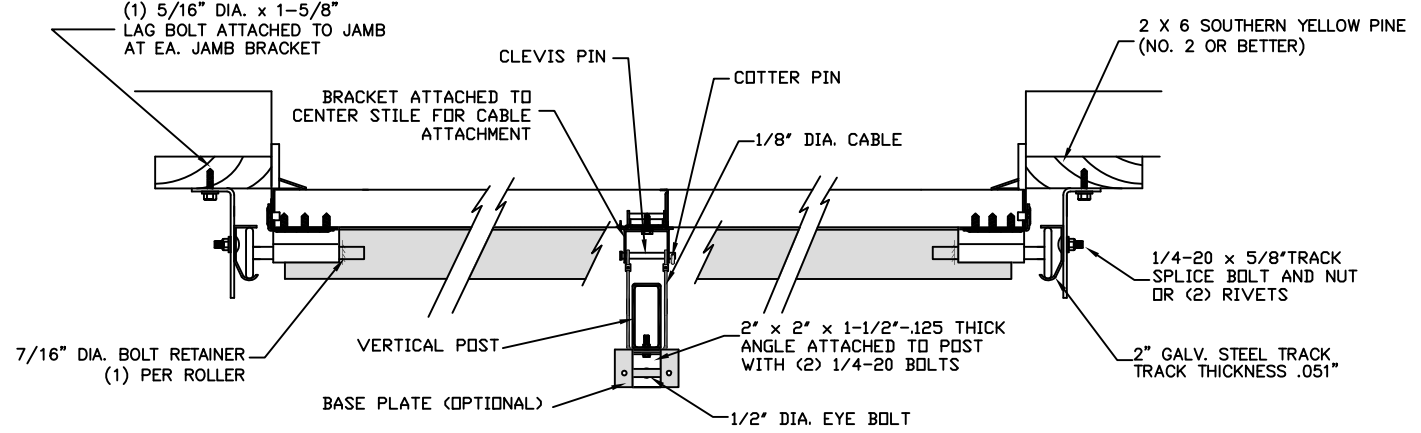
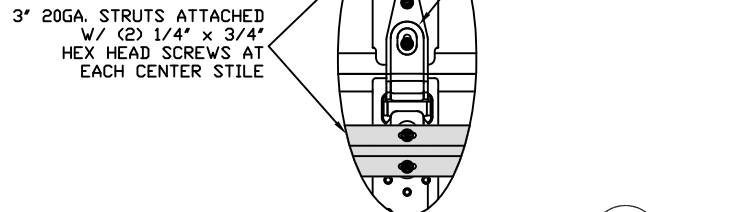
**INSIDE ELEVATION**  
N.T.S.



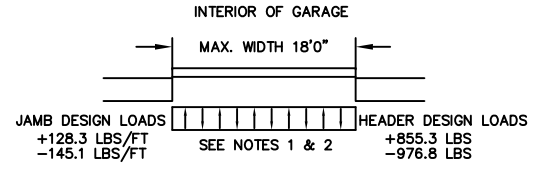
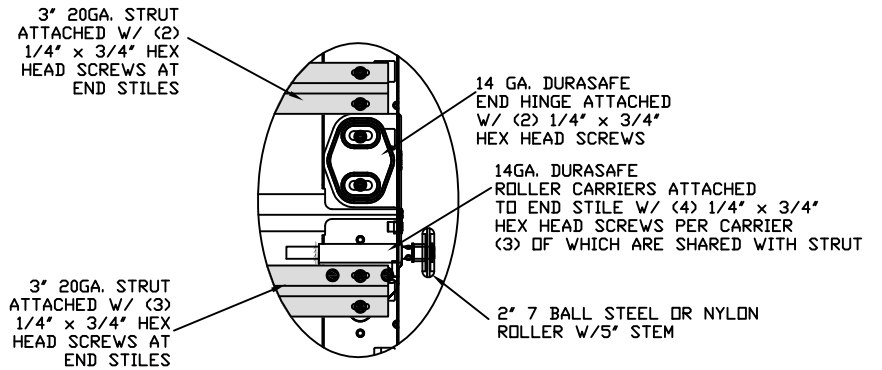
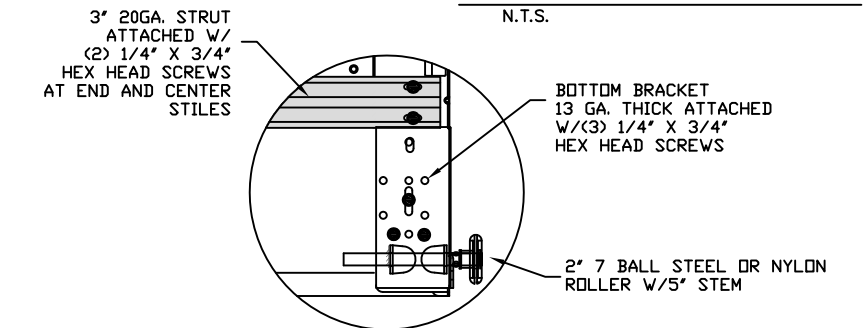
**TYPICAL STILE STIFFENER** (5)  
N.T.S.



**TYPICAL DURASAFE CENTER HINGE** (2)  
N.T.S.



**TRACK MOUNTING DETAIL**  
N.T.S.

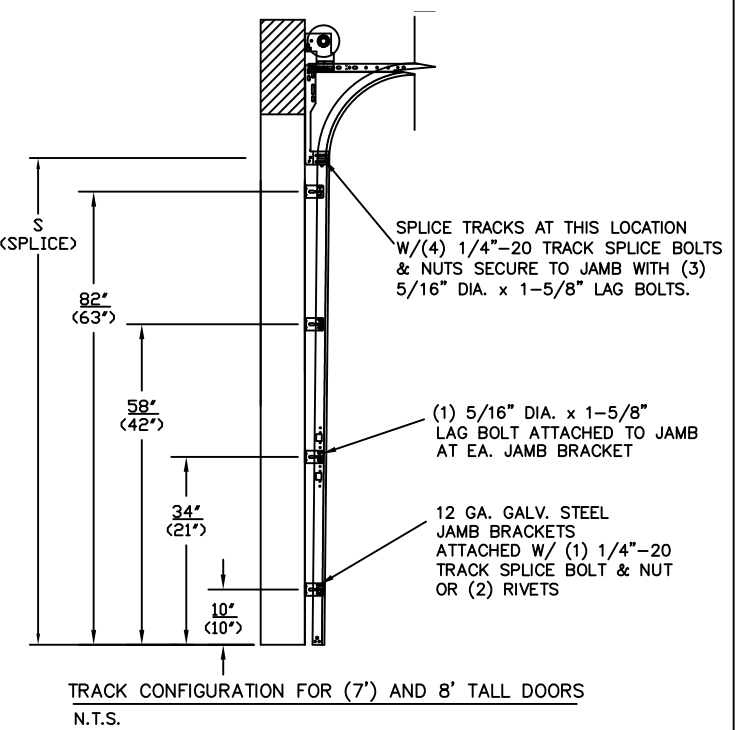


**SPECIFICATIONS AND NOTES**

1. THE HEADER RECEIVES MAXIMUM DESIGN LOADS OF: +855.3 LBS & -976.8 LBS AT THE TOP OF EACH POST.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +128.3 LBS/FT & -145.1 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 24 GA. MIN. (.021") 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.

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98/02/05 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE, AND I=1.0):

WIND SPEED (MPH)	160	145	138	132	126
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'



REV	DESCRIPTION OF REVISIONS	DATE	BY
A	REVISED NOTE 6	9-3-08	BHG
B	WIND SPEED TABLE & TRACK CONFIGURATIONS	4/25/12	RLR

MAX SIZE 18' x 8'

DESIGN LOADS +38.0 PSF -43.0 PSF

TEST LOADS (1.5 x DESIGN LOADS) +57.1 PSF -64.5 PSF



**Amarr**

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

**MODEL #500 CLASSICA 1000, 2000**

SIZE	DRAWN BY DLJ	DATE 03/10/05	DRAWING NUMBER
B	CHECKED BY AAE	DATE 03/10/05	IRC-5318-160-45
ENGINEER: THOMAS L. SHELME RDINE P.E. LIC. No. 0048579			SHEET 1 OF 2

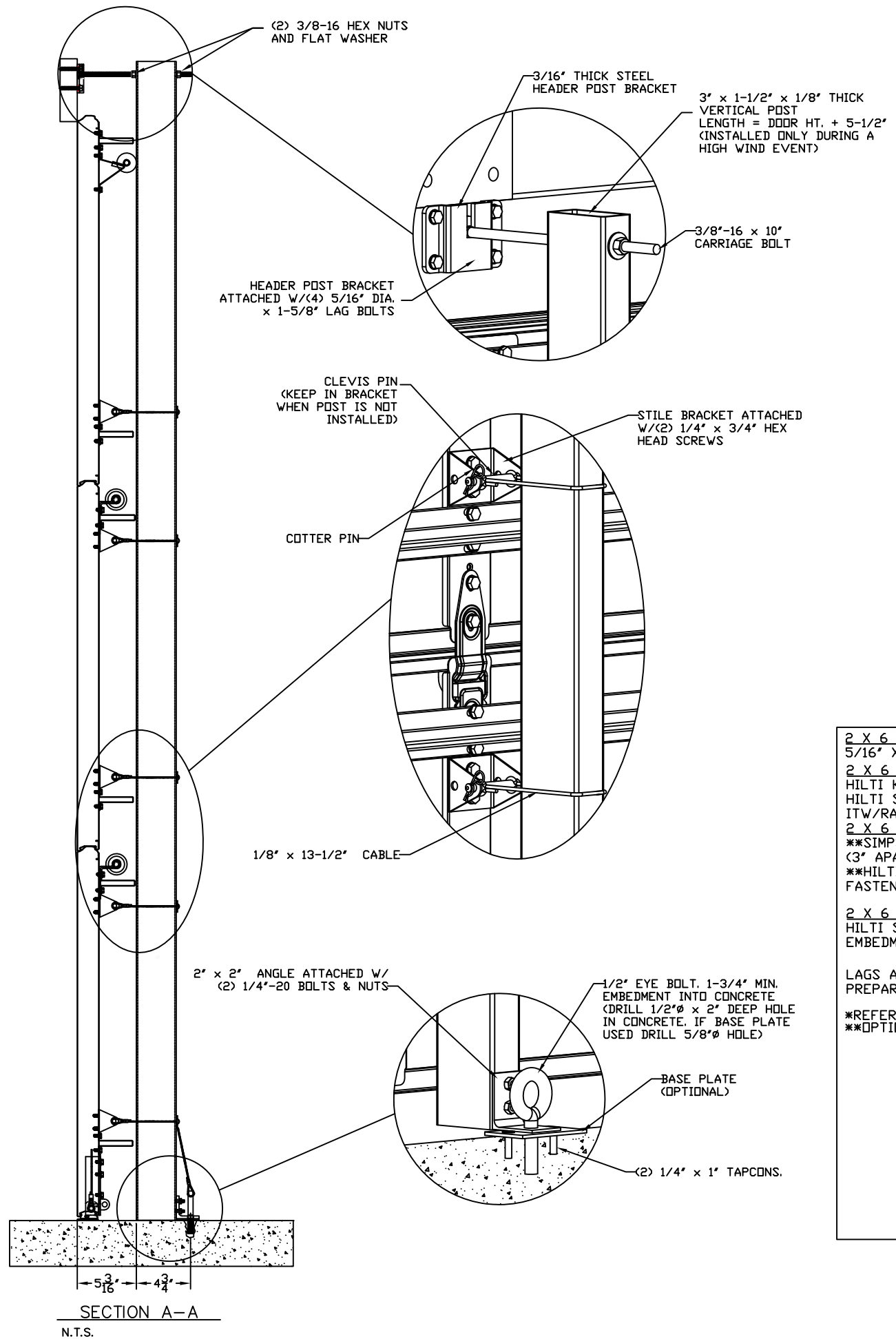


TABLE 1

Door Width (ft)	Center Stile Locations (Measured from Left Edge)						
	1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	6th (in)	7th (in)
16' 2	24.63	48.75	<b>*72.88</b>	97.00	<b>*121.13</b>	145.25	169.38
16' 4	24.63	49.08	<b>*73.54</b>	98.00	<b>*122.46</b>	146.92	171.38
16' 6	24.63	49.42	<b>*74.21</b>	99.00	<b>*123.79</b>	148.59	173.38
16' 8	24.88	49.92	<b>*74.96</b>	100.00	<b>*125.04</b>	150.09	175.13
16' 10	25.13	50.42	<b>*75.71</b>	101.00	<b>*126.29</b>	151.59	176.88
17' 0	25.38	50.92	<b>*76.46</b>	102.00	<b>*127.54</b>	153.09	178.63
17' 2	25.63	51.42	<b>*77.21</b>	103.00	<b>*128.79</b>	154.59	180.38
17' 4	25.88	51.92	<b>*77.96</b>	104.00	<b>*130.04</b>	156.09	182.13
17' 6	26.13	52.42	<b>*78.71</b>	105.00	<b>*131.29</b>	157.59	183.88
17' 8	26.38	52.92	<b>*79.46</b>	106.00	<b>*132.54</b>	159.09	185.63
17' 10	26.63	53.42	<b>*80.21</b>	107.00	<b>*133.79</b>	160.59	187.38
18' 0	26.88	53.92	<b>*80.96</b>	108.00	<b>*135.04</b>	162.09	189.13

\* Post locations

TABLE 2  
FOR MAX. 8' TALL DOORS CONSTRUCTED USING (1) OR MORE 32" SECTIONS

Door Width (ft)	Max Design Loads Allowed	
	Positive (PSF)	Negative (PSF)
16' 2	42.1	47.6
16' 4	41.7	47.2
16' 6	41.2	46.7
16' 8	40.8	46.2
16' 10	40.4	45.7
17' 0	40.0	45.3
17' 2	39.6	44.9
17' 4	39.3	44.4
17' 6	38.9	44.0
17' 8	38.5	43.6
17' 10	38.2	43.2
18' 0	38.0	43.0

TABLE 3  
FOR 7' TALL DOORS CONSTRUCTED WITH ALL 28" SECTIONS

Door Width (ft)	Max Design Loads Allowed	
	Positive (PSF)	Negative (PSF)
16' 2	48.1	54.4
16' 4	47.6	53.9
16' 6	47.1	53.3
16' 8	46.7	52.8
16' 10	46.2	52.3
17' 0	45.8	51.8
17' 2	45.3	51.3
17' 4	44.9	50.8
17' 6	44.4	50.3
17' 8	44.0	49.8
17' 10	43.6	49.4
18' 0	43.2	48.9

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

\*\*REFER TO DETAIL (6) FOR ADDITIONAL FASTENERS AT HEADER  
\*\*OPTION NOT AVAILABLE FOR HEADER ATTACHMENT

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	REVISED NOTE 6	9-3-08	BHG
B	WIND SPEED TABLE & TRACK CONFIGURATIONS	4/25/12	RLR

MAX SIZE 18' x 8'

DESIGN LOADS  
+38.0 PSF  
-43.0 PSF

TEST LOADS (1.5 x DESIGN LOADS)  
+57.1 PSF  
-64.5 PSF

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

**MODEL #500  
CLASSICA 1000, 2000**

SIZE	DRAWN BY	DLJ	DATE	03/10/05	DRAWING NUMBER
B	CHECKED BY	AAE	DATE	03/10/05	IRC-5318-160-45

ENGINEER: THOMAS L. SHLME RDINE P.E. LIC. No. 0048579 SHEET 2 OF 2

SECTION A-A  
N.T.S.