

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN 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)	143	129	123	118	113
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV | DESCRIPTION OF REVISIONS | DATE | BY

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MAX SIZE  
16' x 14'

DESIGN LOADS  
+18.3 PSF  
-20.8 PSF

TEST LOADS  
(1.5 x DESIGN LOADS)  
+27.5 PSF  
-31.2 PSF

TX

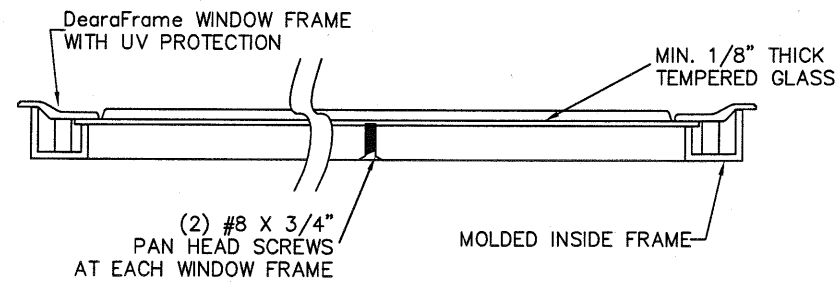
**Amarr**

MODEL #500  
AMARR CLASSICA 1000, 2000

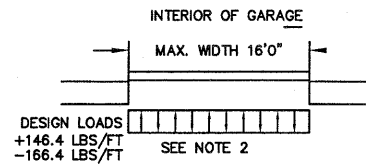
SIZE	DRAWN BY	DLJ	DATE	06/25/2020	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	06/16/2020	IRC-5316-110-24
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 1 OF 3

# GLAZING OPTION CROSS SECTION

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

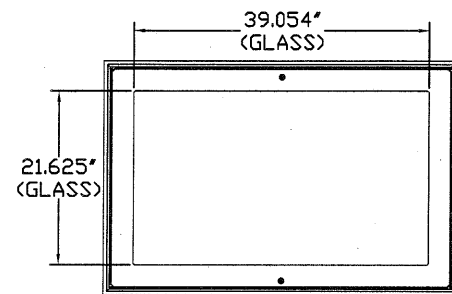


SECTION B-B

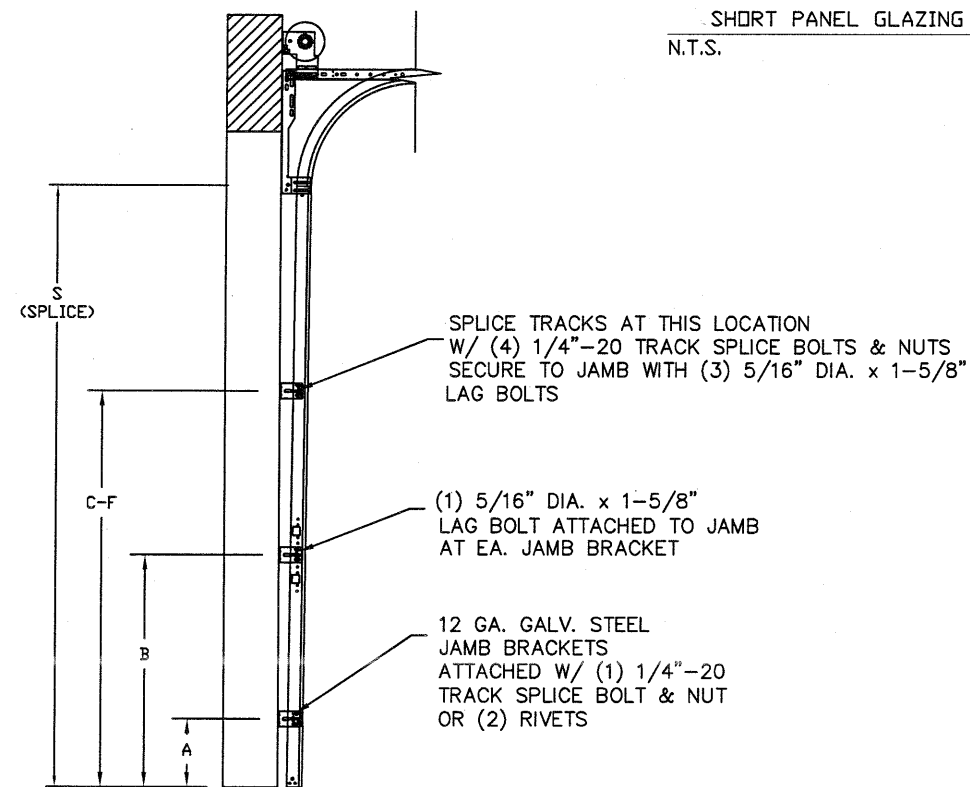


### SPECIFICATIONS AND NOTES

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +146.6 LBS/FT & -166.4 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. (.022") 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 LOADS.
6. REFER TO TABLE 1 ON PAGE 3 FOR STRUT SCHEDULE
7. DOOR IS MANUFACTURED AND TESTED IN ACCORDANCE WITH THE 2018 IRC/IBC



SHORT PANEL GLAZING FASTENER DETAIL  
N.T.S.



TRACK CONFIGURATION FOR 8' TALL DOORS

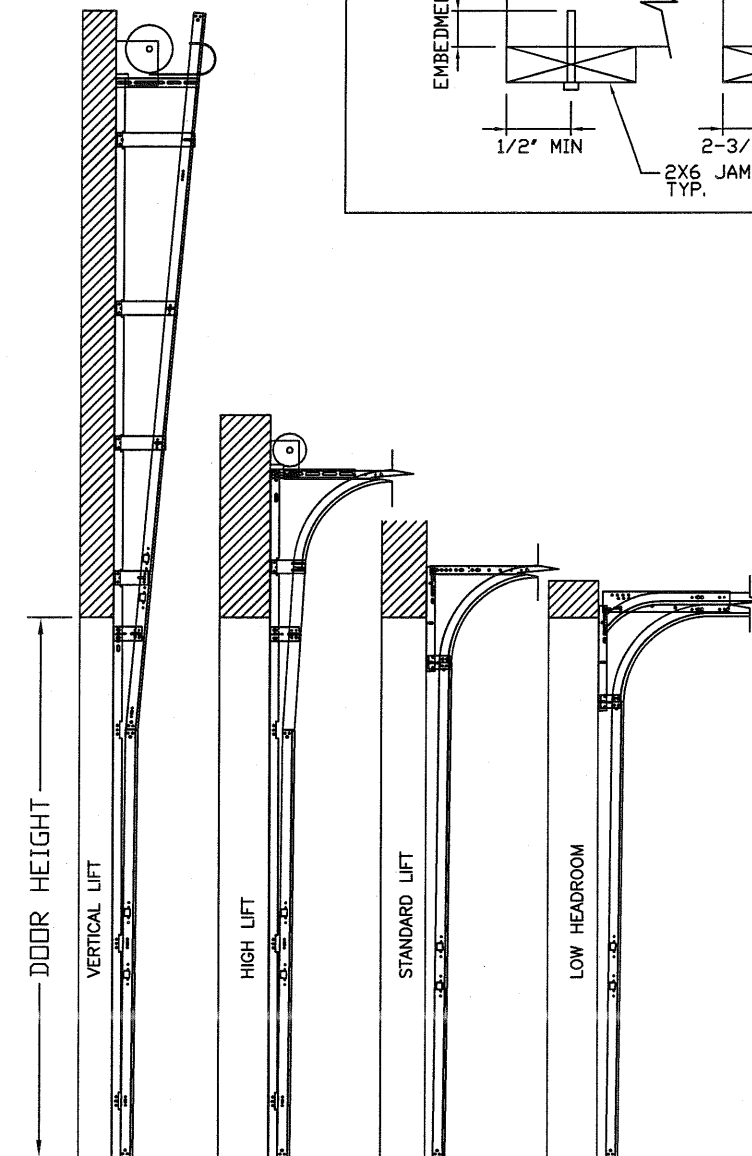
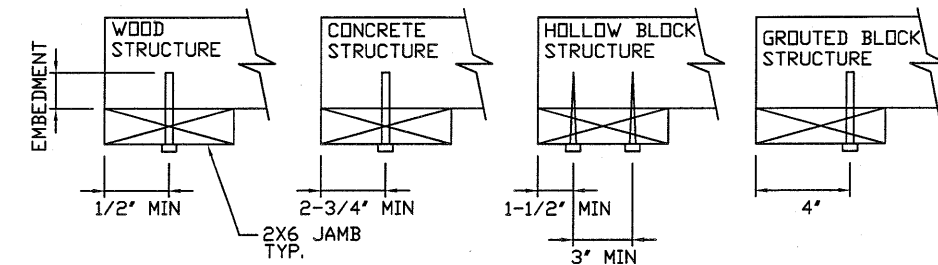
N.T.S.  
ALL TRACK ATTACHMENTS +/- 2" WITH SYP NO. 2 OR BETTER ONLY  
DOORS OVER 8' TALL SEE TABLE 2 FOR TRACK ATTACHMENT LOCATIONS

# 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



AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

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-20.8 PSF

TEST LOADS  
(1.5 x DESIGN LOADS)  
+27.5 PSF  
-31.2 PSF

TX

Thomas L. Shelmerdine, PE (TX PE #85829)  
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5921-G W. Friendly Ave., Greensboro, NC 27410

MODEL #500  
AMARR CLASSICA 1000, 2000

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TABLE 1

SECTION	STRUT SIZE
TOP	3"
	3"
5TH	4.5"
4TH	4.5"
3RD	4.5"
2ND	4.5"
BOTTOM	4.5"
	4.5"

TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT						SPLICE S
	A	B	C	D	E	F	
6' 6"	10"	34"	58"				70"
7'	10"	34"	58"				76"
7' 6"	10"	34"	58"				82"
8'	10"	34"	58"				88"
8' 6"	10"	34"	58"	82"			94"
9'	10"	34"	58"	82"			100"
9' 6"	10"	34"	58"	82"			106"
10'	10"	34"	58"	82"			112"
10' 6"	10"	34"	58"	82"			118"
11'	10"	34"	58"	82"	106"		124"
11' 6"	10"	34"	58"	82"	106"		130"
12'	10"	34"	58"	82"	106"		136"
12' 6"	10"	34"	58"	82"	106"	130"	142"
13'	10"	34"	58"	82"	106"	130"	148"
13' 6"	10"	34"	58"	82"	106"	130"	154"
14'	10"	34"	58"	82"	106"	130"	160"

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

TABLE 3

Section	Center Stile Locations (Measured from Left)			Max Design Loads Allowed	
	1st (in)	2st (in)	3rd (in)	Positive (PSF)	Negative (PSF)
12' 0	48.3	95.7		18.3	20.8
15' 6	47.4	93.0	138.6	18.8	21.4
15' 8	48.0	94.0	140.0	18.6	21.1
15' 10	48.6	95.0	141.4	18.4	20.9
16' 0	48.4	96.0	143.6	18.3	20.8

CONTACT ENGINEERING FOR SIZES NOT LISTED

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SHEET 3 OF 3