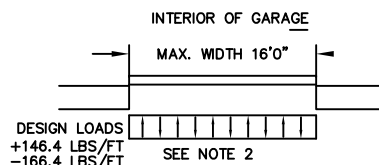


GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



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



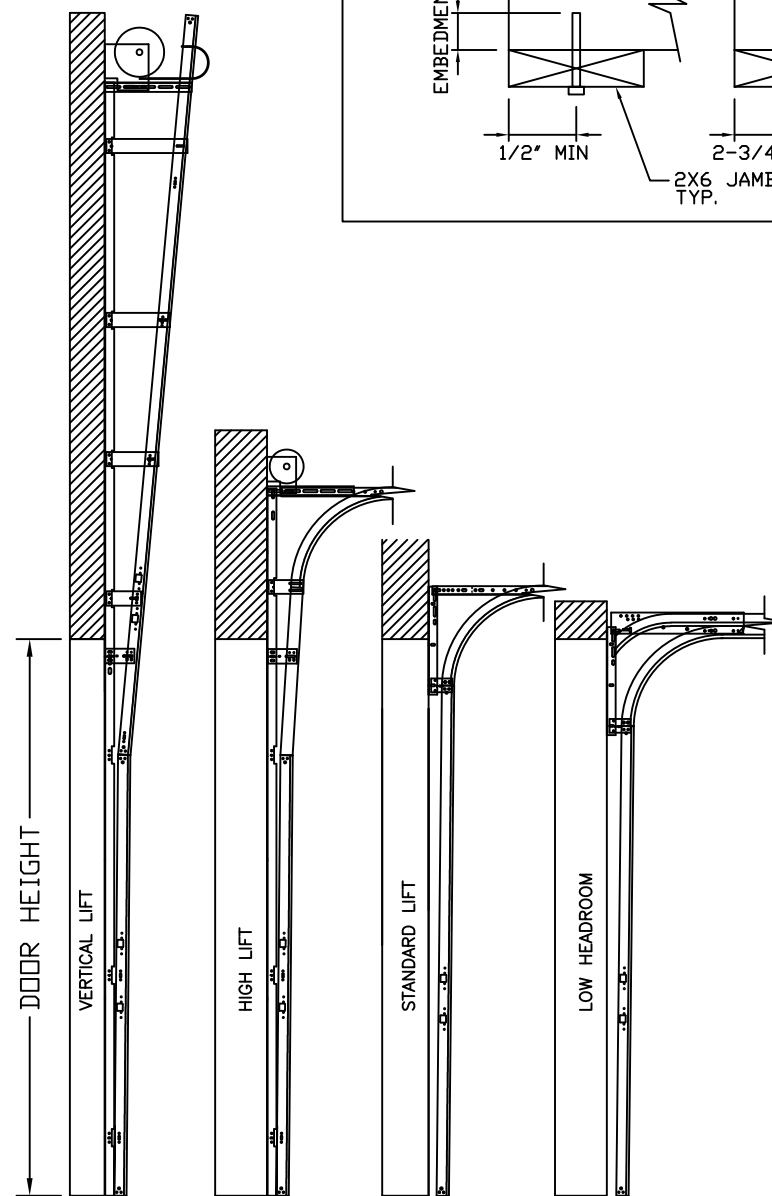
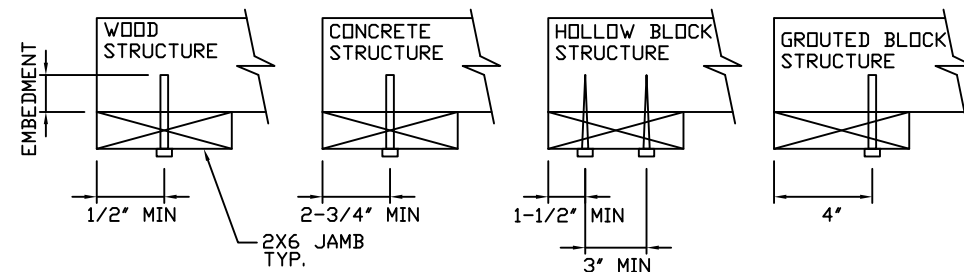
SPECIFICATIONS AND NOTES

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 LOADINGS.
6. REFER TO TABLE 1 ON PAGE 3 FOR STRUT SCHEDULE

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 ANCHDR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSEY 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)

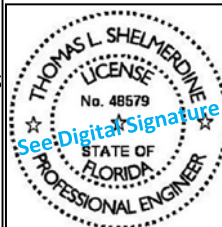
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



AVAILABLE TRACK CONFIGURATIONS

N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY

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	 See Digital Signature This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. Printed copies of this document are not considered signed & sealed, and the signature must be verified on any electronic copies. Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
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MODEL #500			
AMARR CLASSICA 1000, 2000			

SIZE B	DRAWN BY DLJ	DATE 06/25/2020	DRAWING NUMBER IRC-5316-110-2
	CHECKED BY RLR	DATE 06/16/2020	

AMARR COMPANY 4600 CARRIAGE COURT WINSTON-SALEM, N.C. 27105	SHEET 2 OF 3
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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
	A	B	C	D	E	F	S
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	
Width (ft)	1st (in)	2st (in)	3rd (in)	Positive (PSF)	Negative (PSF)
09' 2	55.0			15.9	18.1
09' 4	56.0			15.6	17.7
09' 6	57.0			15.3	17.4
09' 8	58.0			15.1	17.1
09' 10	59.0			14.8	16.8
10' 0	60.0			14.6	16.6
10' 2	61.0			14.3	16.3
10' 4	62.0			14.1	16.0
10' 6	63.0			13.9	15.8
10' 8	64.0			13.7	15.5
10' 10	65.0			13.4	15.3
11' 0	66.0			13.2	15.1
11' 2	67.0			13.0	14.8
11' 4	68.0			12.9	14.6
11' 6	69.0			12.7	14.4
11' 8	70.0			12.5	14.2
11' 10	71.0			12.3	14.0
12' 0	48.3	95.7		18.3	20.8
12' 2	49.1	96.9		18.0	20.5
12' 4	49.8	98.2		17.8	20.2
12' 6	50.6	99.4		17.6	20.0
12' 8	51.3	100.7		17.4	19.7
12' 10	52.1	101.9		17.1	19.5
13' 0	52.8	103.2		16.9	19.3
13' 2	53.6	104.4		16.7	19.0
13' 4	54.3	105.7		16.5	18.8
13' 6	55.1	106.9		16.3	18.6
13' 8	55.8	108.2		16.2	18.4
13' 10	56.6	109.4		16.0	18.2
14' 0	57.3	110.7		15.8	17.9
14' 2	58.1	111.9		15.6	17.7
14' 4	58.8	113.2		15.4	17.6
14' 6	59.6	114.4		15.3	17.4
14' 8	60.3	115.7		15.1	17.2
14' 10	61.1	116.9		14.9	17.0
15' 0	61.8	118.2		14.8	16.8
15' 2	62.6	119.4		14.6	16.6
15' 4	63.3	120.7		14.5	16.5
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

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 16' x 14'	THOMAS L. SHELMERDINE LICENSE No. 48579 See Digital Signature STATE OF FLORIDA PROFESSIONAL ENGINEER Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410	This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. Printed copies of this document are not considered signed & sealed, and the signature must be verified on any electronic copies.	
DESIGN LOADS +18.3 PSF -20.8 PSF		FL	
TEST LOADS (1.5 x DESIGN LOADS) +27.5 PSF -31.2 PSF			
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 3 OF 3