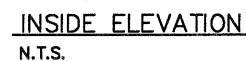


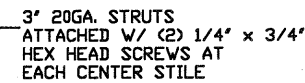
1



3



2X6 JAMB SYP OR SPF
(NO. 2 OR BETTER)



②



5

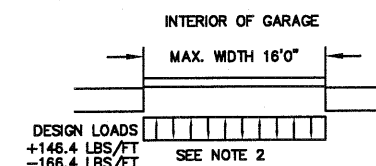


TYPICAL BOTTOM BRACKET
N.T.S.

T 4



SECTION A-A (SIDE VIEW)
N.T.S.

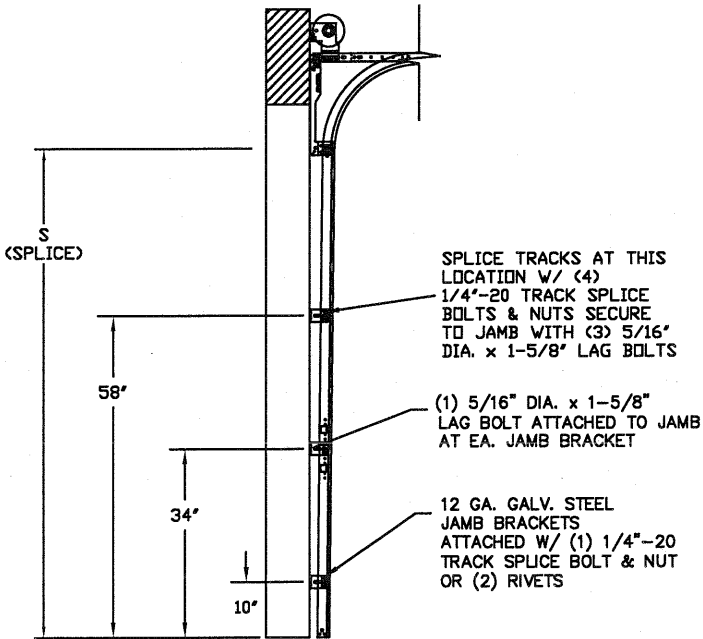


5921-G W. Friendly Ave., Greensboro, NC 27410

SIZE B	DRAWN BY RLR	DATE 06/02/15	DRAWING NUMBER IRC-5316-110-24
	CHECKED BY RLR	DATE 06/02/15	
ENTREMTIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 1 OF 2

TABLE 1

Section	Center Stile Locations (Measured from Left)			Max Design Loads Allowed	
	Width (ft)	1st (in)	2st (in)	3rd (in)	
09' 2		55.0			15.9
09' 4		56.0			15.6
09' 6		57.0			15.3
09' 8		58.0			15.1
09' 10		59.0			14.8
10' 0		60.0			14.6
10' 2		61.0			14.3
10' 4		62.0			14.1
10' 6		63.0			13.9
10' 8		64.0			13.7
10' 10		65.0			13.4
11' 0		66.0			13.2
11' 2		67.0			13.0
11' 4		68.0			12.9
11' 6		69.0			12.7
11' 8		70.0			12.5
11' 10		71.0			12.3
12' 0		48.3	95.7		18.3
12' 2		49.1	96.9		18.0
12' 4		49.8	98.2		17.8
12' 6		50.6	99.4		17.6
12' 8		51.3	100.7		17.4
12' 10		52.1	101.9		17.1
13' 0		52.8	103.2		16.9
13' 2		53.6	104.4		16.7
13' 4		54.3	105.7		16.5
13' 6		55.1	106.9		16.3
13' 8		55.8	108.2		16.2
13' 10		56.6	109.4		16.0
14' 0		57.3	110.7		15.8
14' 2		58.1	111.9		15.6
14' 4		58.8	113.2		15.4
14' 6		59.6	114.4		15.3
14' 8		60.3	115.7		15.1
14' 10		61.1	116.9		14.9
15' 0		61.8	118.2		14.8
15' 2		62.6	119.4		14.6
15' 4		63.3	120.7		14.5
15' 6		47.4	93.0	138.6	18.8
15' 8		48.0	94.0	140.0	18.6
15' 10		48.6	95.0	141.4	18.4
16' 0		48.4	96.0	143.6	18.3



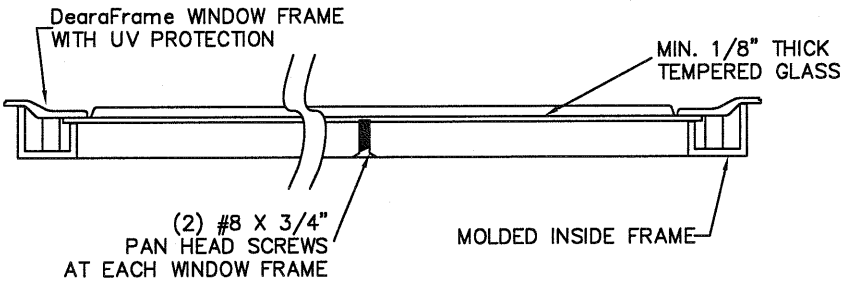
TRACK CONFIGURATION FOR 8' TALL DOORS
N.T.S.

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

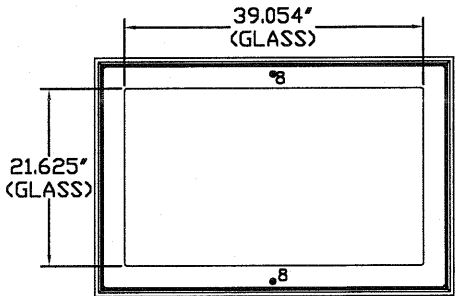
DOORS OVER 8' TALL, TRACK ATTACHMENT 10' FROM
BOTTOM OF TRACK THEN 24' O.C. (+/- 2')

GLAZING OPTION CROSS SECTION

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



SECTION B-B
N.T.S.



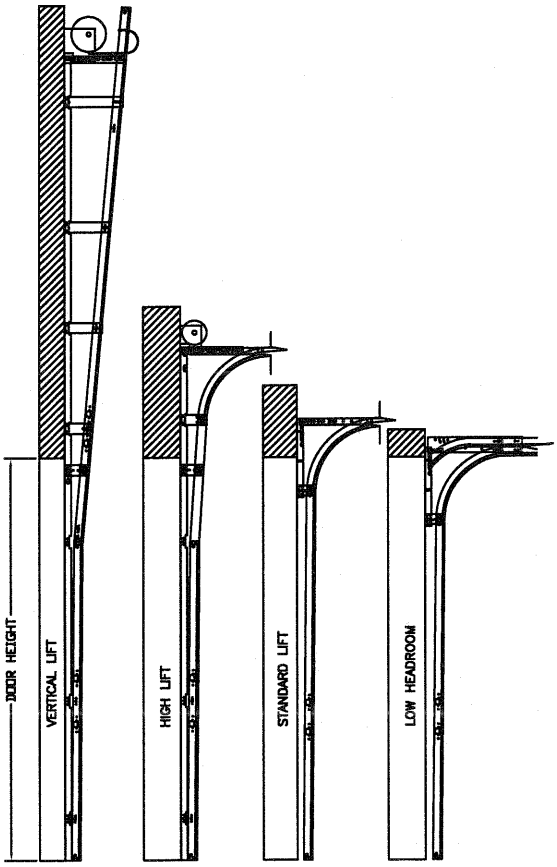
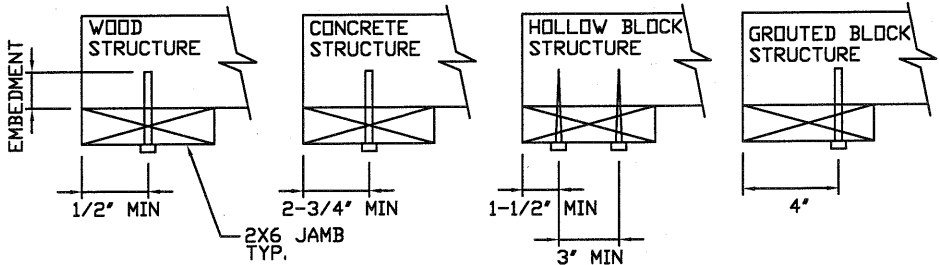
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.

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.

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

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

Amarr

MODEL #500 AMARR
CLASSICA 1000, 2000

SIZE	DRAWN BY	RLR	DATE	06/02/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	06/02/15	IRC-5316-110-24

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

SHEET 2 OF 2