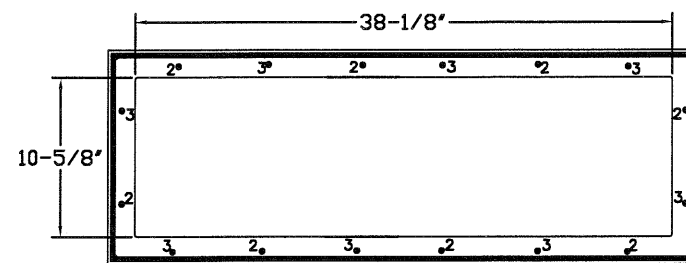
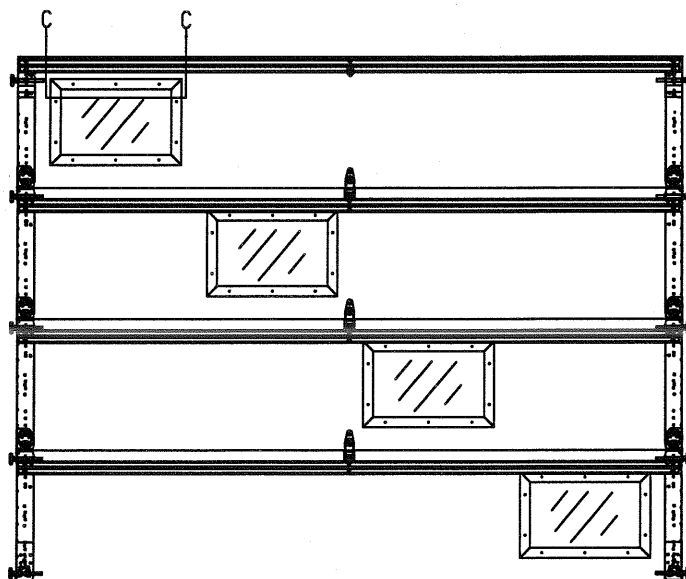
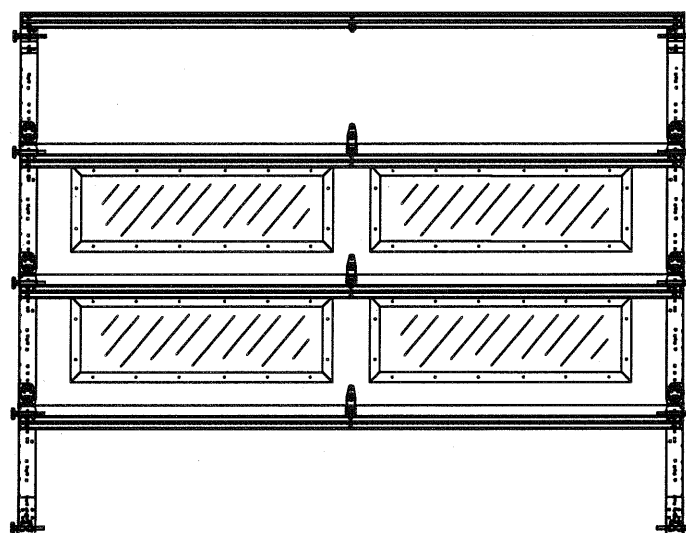
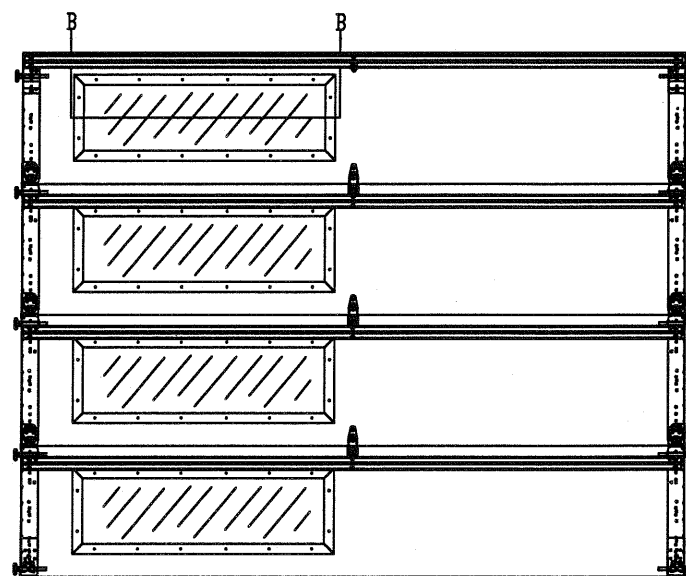
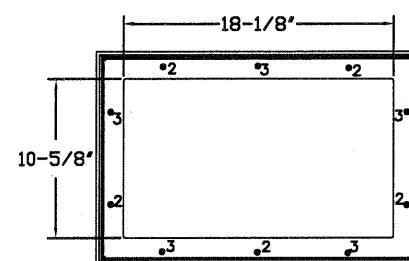


GLAZING AVAILABLE IN ANY COMBINATION
GLAZING MEETS ASTM E1300-04

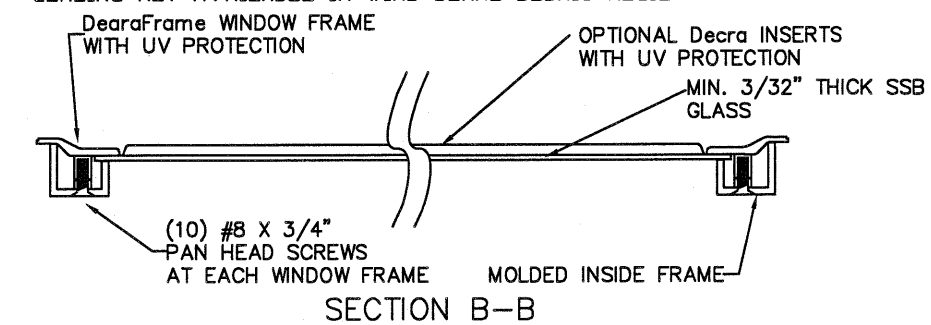


LONG PANEL GLAZING FASTENER DETAIL
N.T.S.



SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



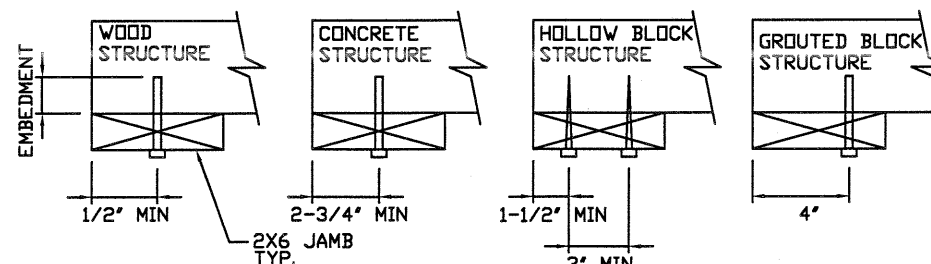
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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)

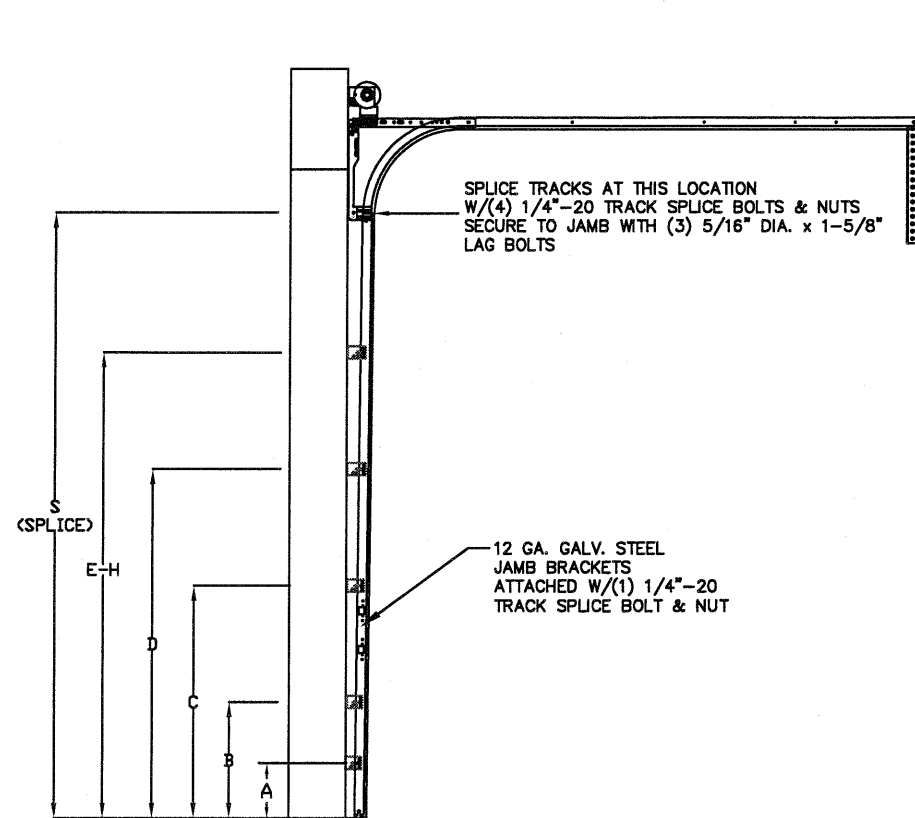
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS
(3" APART) AT 24" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF
FASTENERS (3" APART) AT 24" O.C. (1 1/4" EMBEDMENT)

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)

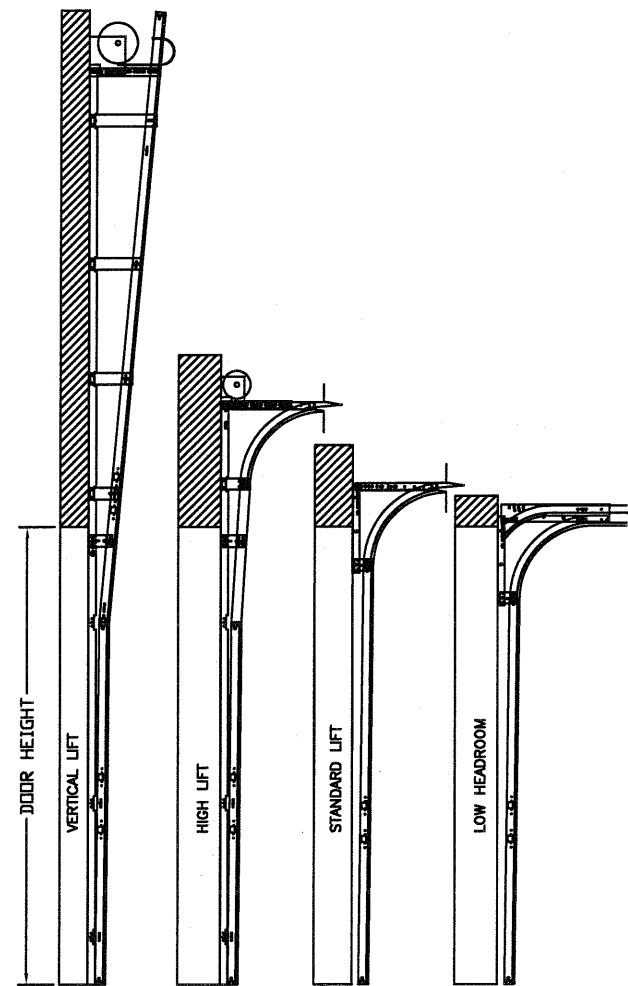
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9' WIDTH 14' HEIGHT DESIGN LOADS +26.7 PSF -31.6 PSF TEST LOADS (1.5 x DESIGN LOADS) +40.1 PSF -47.4 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. FL	
MODEL #1200 AMARR HERITAGE 3000 MODEL #1200 AMARR OAK SUMMIT 3000 SHORT, LONG, FLUSH & OAK SUMMIT PANELS			
SIZE	DRAWN BY	RLR	DATE 01/31/18
B	CHECKED BY	RLR	DATE 01/31/18
ENTREMATICS			DRAWING NUMBER
165 CARRIAGE COURT WINSTON-SALEM, NC 27105			IRC-1209-130-11-
			SHEET 2 OF 3



TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS (SEE TABLE 1)
N.T.S.



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 1

DOOR HEIGHT	TRACK ATTACHMENT						SPLICE
	A	B	C	D	E	F	
6' 6"	10"	38"	58"				70"
7'	10"	38"	58"				76"
7' 6"	10"	38"	58"				82"
8'	10"	38"	58"				88"
8' 6"	10"	38"	58"	82"			82"
9'	10"	38"	58"	82"			100"
9' 6"	10"	38"	58"	82"			106"
10'	10"	38"	58"	82"			112"
10' 6"	10"	38"	58"	82"	106"		118"
11'	10"	38"	58"	82"	106"		124"
11' 6"	10"	38"	58"	82"	106"		130"
12'	10"	38"	58"	82"	106"		136"
12' 6"	10"	38"	58"	82"	106"	130"	142"
13'	10"	38"	58"	82"	106"	130"	148"
13' 6"	10"	38"	58"	82"	106"	130"	154"
14'	10"	38"	58"	82"	106"	130"	160"

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

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9' 6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

TABLE 3

Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)	Max Design Loads Allowed	
			Positive (PSF)	Negative (PSF)
8' 0"	Short	48.000	30.0	35.5
8' 0"	Long	48.000	30.0	35.5
8' 2"	Short	49.000	29.4	34.8
8' 2"	Long	49.000	29.4	34.8
8' 4"	Short	50.000	28.8	34.1
8' 4"	Long	50.000	28.8	34.1
8' 6"	Short	51.000	28.2	33.4
8' 6"	Long	51.000	28.2	33.4
8' 8"	Short	52.000	27.7	32.8
8' 8"	Long	52.000	27.7	32.8
8' 10"	Short	53.000	27.2	32.1
8' 10"	Long	53.000	27.2	32.1
9' 0"	Short	54.000	26.7	31.6
9' 0"	Long	54.000	26.7	31.6

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9' WIDTH
14' HEIGHT

DESIGN LOADS
+26.7 PSF
-31.6 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+40.1 PSF
-47.4 PSF

FL

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

MODEL #1200 AMARR HERITAGE 3000
MODEL #1200 AMARR OAK SUMMIT 3000
 SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE	DRAWN BY	RLR	DATE	01/31/18	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	01/31/18	IRC-1209-130-11-M
ENTREMATIC					SHEET 3 OF 3
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					