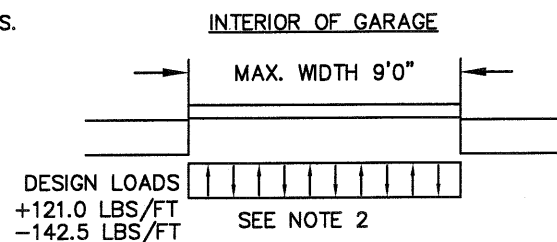


1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +121.0 LBS/FT & -142.5 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 27 GA. (.015) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UP TO 14'0" HIGH HAVE ALTERNATE BETWEEN (1) 3" 20GA STRUT AND (1) 2" 20 GA STRUT PER SECTION STARTING WITH A 3" ON THE BOTTOM SECTION
6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS
THEN 24" O.C. (1 1/2" EMBEDMENT)

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)

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)

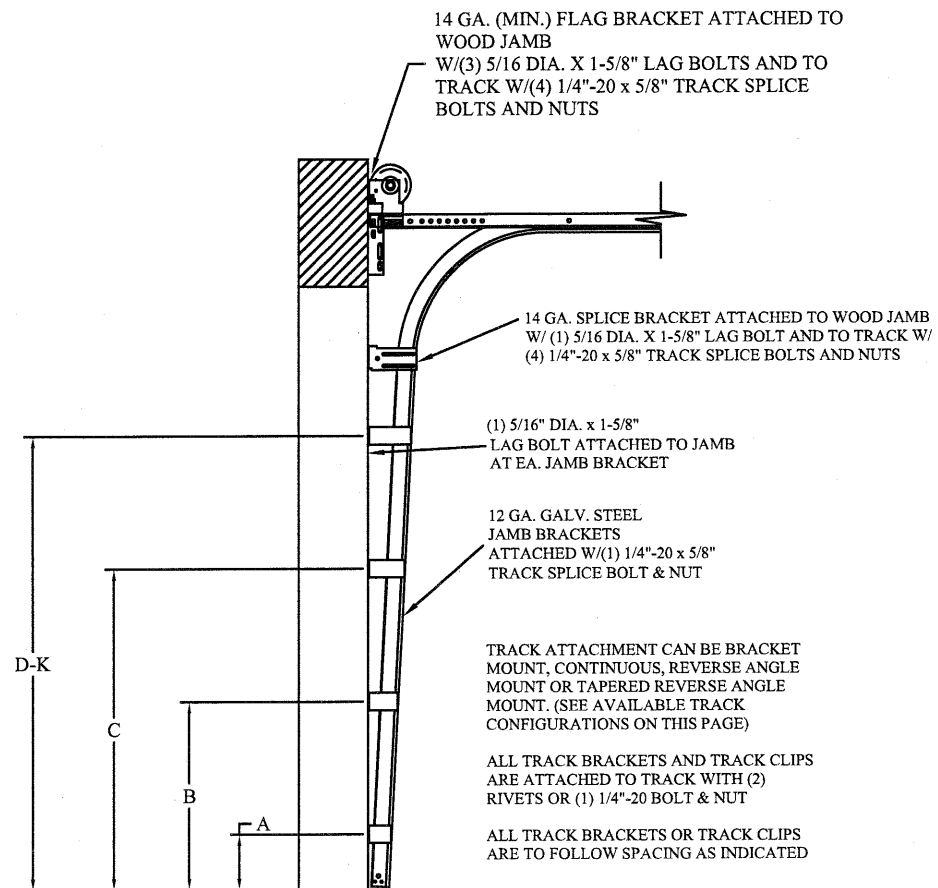
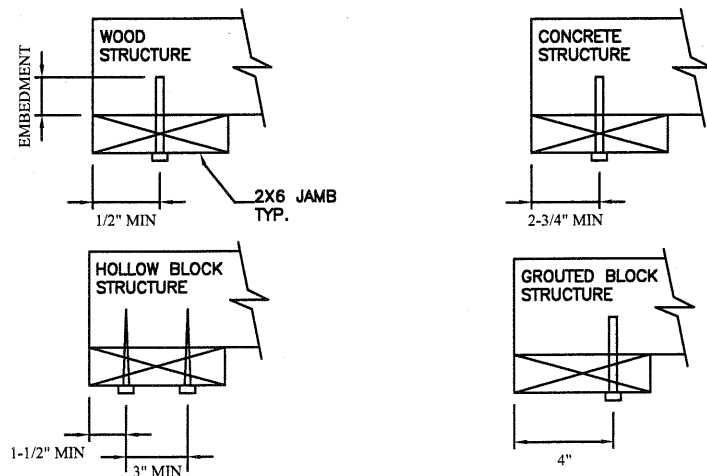
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS

THEN 24" O.C. (1 1/4" EMBEDMENT)

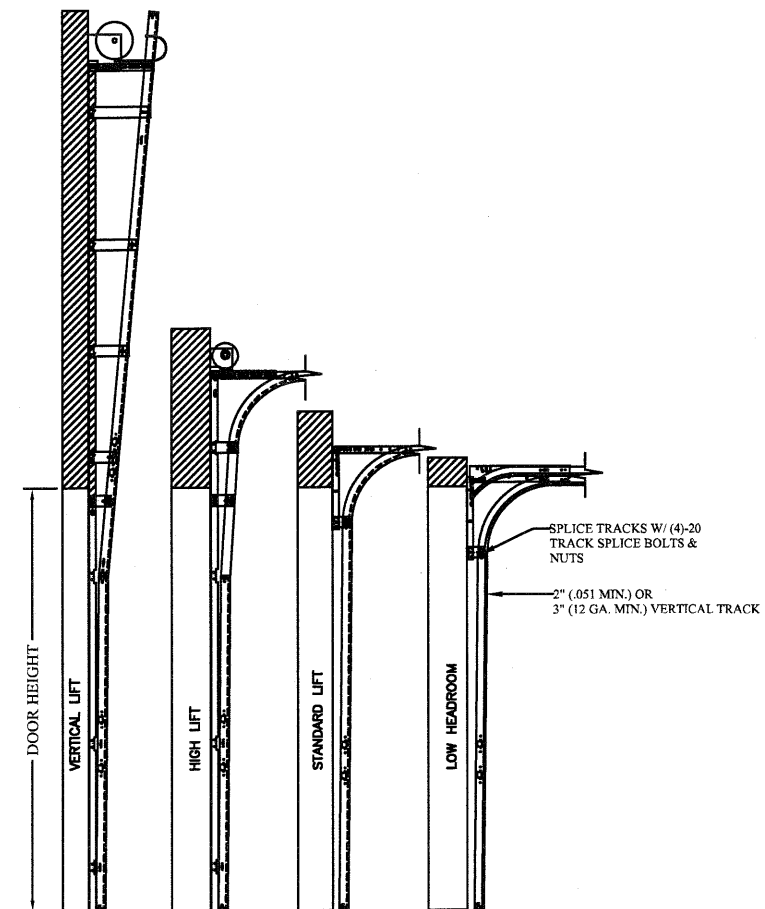
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

*PREPARATION OF WOOD JAMBS BY OTHERS



TRACK CONFIGURATION FOR UP TO 14' TALL DOORS
SEE TABLE 1

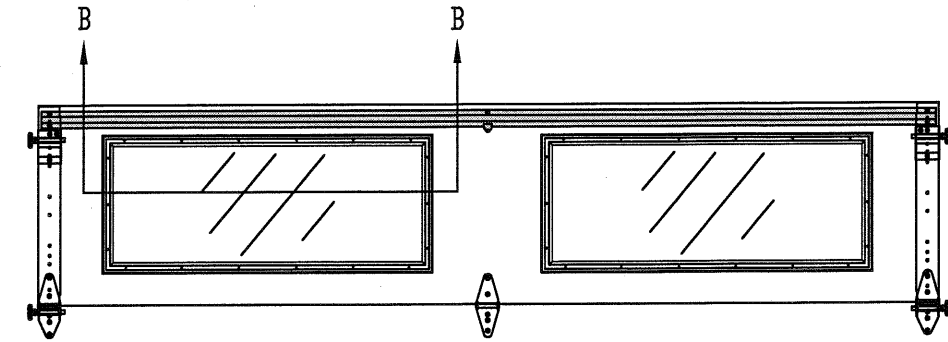


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

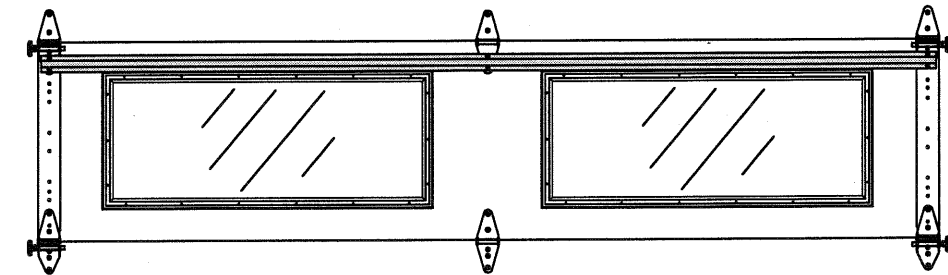
DOOR HEIGHT		TRACK ATTACHMENT										TYPICAL SPLICE	
		A	B	C	D	E	F	G	H	I	J		K
7'	0"	10.0"	34"	58"									76"
7'	6"	10.0"	34"	58"									82"
8'	0"	10.0"	34"	58"									88"
9'	0"	10.0"	34"	58"	82"								100"
9'	6"	10.0"	34"	58"	82"								106"
10'	0"	10.0"	34"	58"	82"								112"
11'	0"	10.0"	34"	58"	82"	106"							124"
12'	0"	10.0"	34"	58"	82"	106"							136"
13'	0"	10.0"	34"	58"	82"	106"	130"						148"
14'	0"	10.0"	34"	58"	82"	106"	130"						160"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY

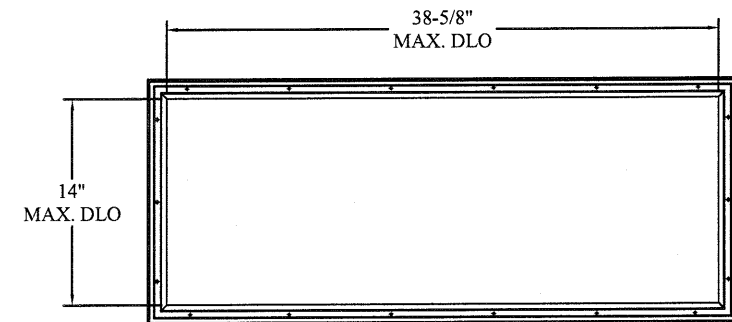
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9'2" x 14' DESIGN LOADS +26.4 PSF -31.1 PSF TEST LOADS +39.6 PSF -46.7 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL dba Structural Solutions of North Carolina, Inc.	
MODEL #1480 CARRIAGE COURT			
SIZE	DRAWN BY	RLR	DATE 11/25/14
B	CHECKED BY	RLR	DATE 11/25/14
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			DRAWING NUMBER IRC-1409-130-15 SHEET 2 OF 3



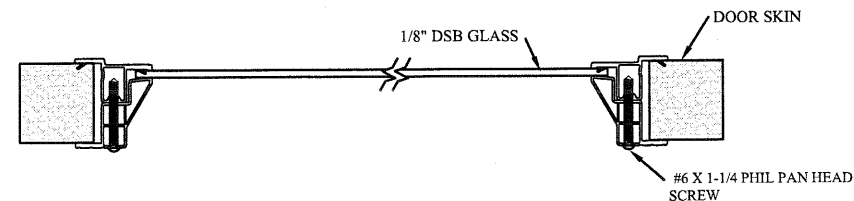
OPTIONAL GLAZED TOP SECTION W/ LONG PANEL 1480 (Carriage Court) WINDOWS AND STRUT LAYOUT
N.T.S.



OPTIONAL GLAZED INTERMEDIATE SECTION W/ LONG PANEL 1480 (Carriage Court) WINDOWS AND STRUT LAYOUT
N.T.S.



LONG PANEL 1480 (Carriage Court) GLAZING FASTENER DETAIL
N.T.S.



SECTION B-B LONG PANEL 1480 (Carriage Court) WINDOW DETAIL
N.T.S. (GLAZING MEETS ASTM E1300-04)

TABLE 2

Section Width (ft)		Center Stile 1st (in)	Max Design Loads Allowed	
			Positive (PSF)	Negative (PSF)
6'	0"	36"	40.3	47.5
6'	2"	37"	39.2	46.2
6'	4"	38"	38.2	45.0
6'	6"	39"	37.2	43.8
6'	8"	40"	36.3	42.7
6'	10"	41"	35.4	41.7
7'	0"	42"	34.5	40.7
7'	2"	43"	33.7	39.7
7'	4"	44"	33.0	38.8
7'	6"	45"	32.2	38.0
7'	8"	46"	31.5	37.1
7'	10"	47"	30.8	36.3
8'	0"	48"	30.2	35.6
8'	2"	49"	29.6	34.9
8'	4"	50"	29.0	34.2
8'	6"	51"	28.4	33.5
8'	8"	52"	27.9	32.8
8'	10"	53"	27.3	32.2
9'	0"	54"	26.8	31.6
9'	2"	55"	26.4	31.1

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 9'2" x 14' DESIGN LOADS +26.4 PSF -31.1 PSF TEST LOADS +39.6 PSF -46.7 PSF Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) THOMAS L. SHELMERDINE LICENSE No. 48579 STATE OF FLORIDA PROFESSIONAL ENGINEER FL dba Structural Solutions of North Carolina, Inc. 5921-G.W. Friendly Ave., Greensboro, NC 27410			
Amarr MODEL #1480 CARRIAGE COURT			
SIZE	DRAWN BY	RLR	DATE 11/25/14
B	CHECKED BY	RLR	DATE 11/25/14
DRAWING NUMBER			IRC-1409-130-15
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 3