

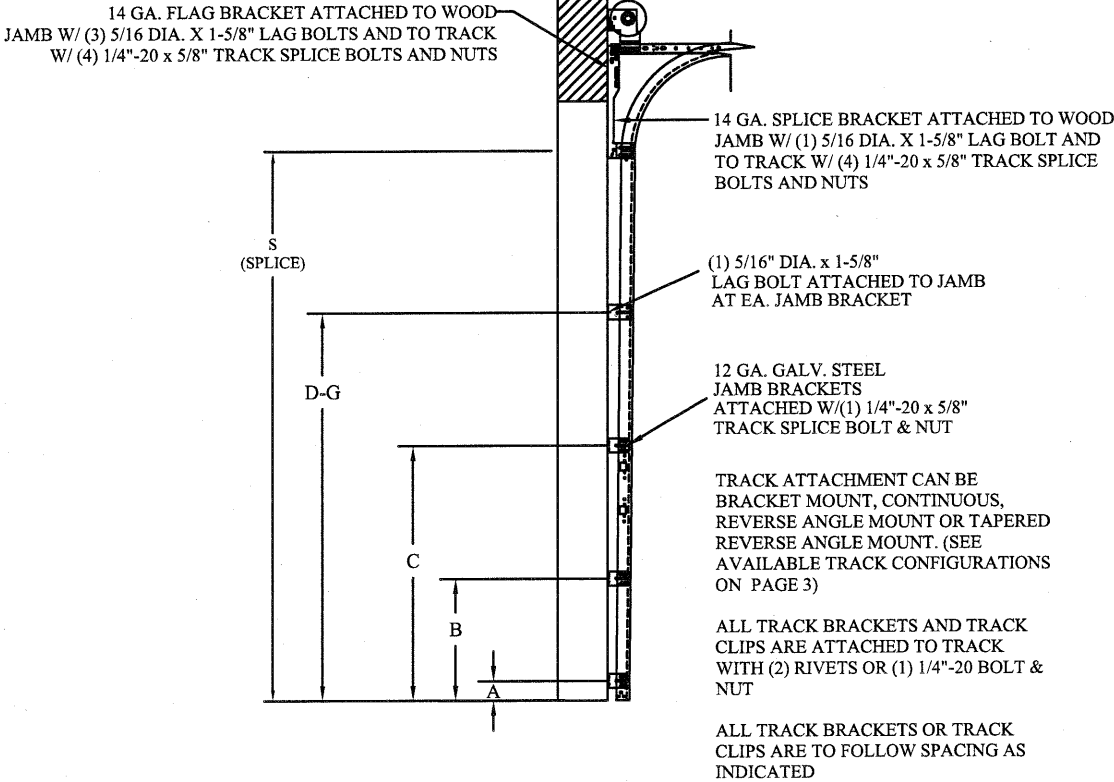
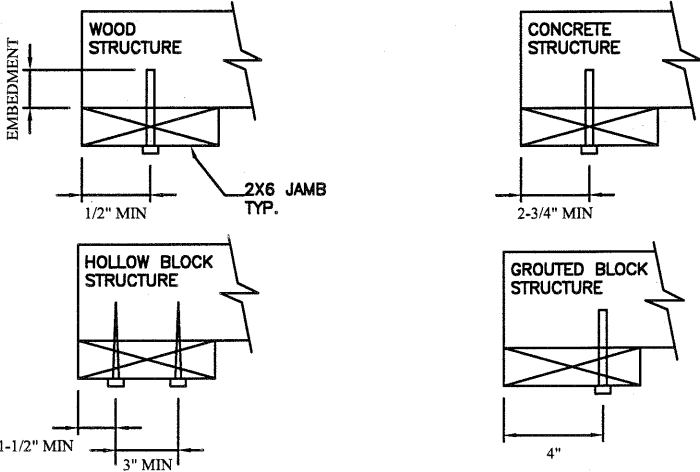
TABLE 1

DOOR HEIGHT		TRACK ATTACHMENT							TYPICAL SPLICE
		A	B	C	D	E	F	G	
7'	0"	3.5"	22"	46"	70"				76"
7'	6"	3.5"	22"	46"	70"				82"
8'	0"	3.5"	22"	46"	70"				88"
9'	0"	3.5"	22"	46"	70"	94"			100"
9'	6"	3.5"	22"	46"	70"	94"			106"
10'	0"	3.5"	22"	46"	70"	94"			112"
11'	0"	3.5"	22"	46"	70"	94"	118"		124"
12'	0"	3.5"	22"	46"	70"	94"	118"		136"
13'	0"	3.5"	22"	46"	70"	94"	118"	142"	148"
14'	0"	3.5"	22"	46"	70"	94"	118"	142"	160"

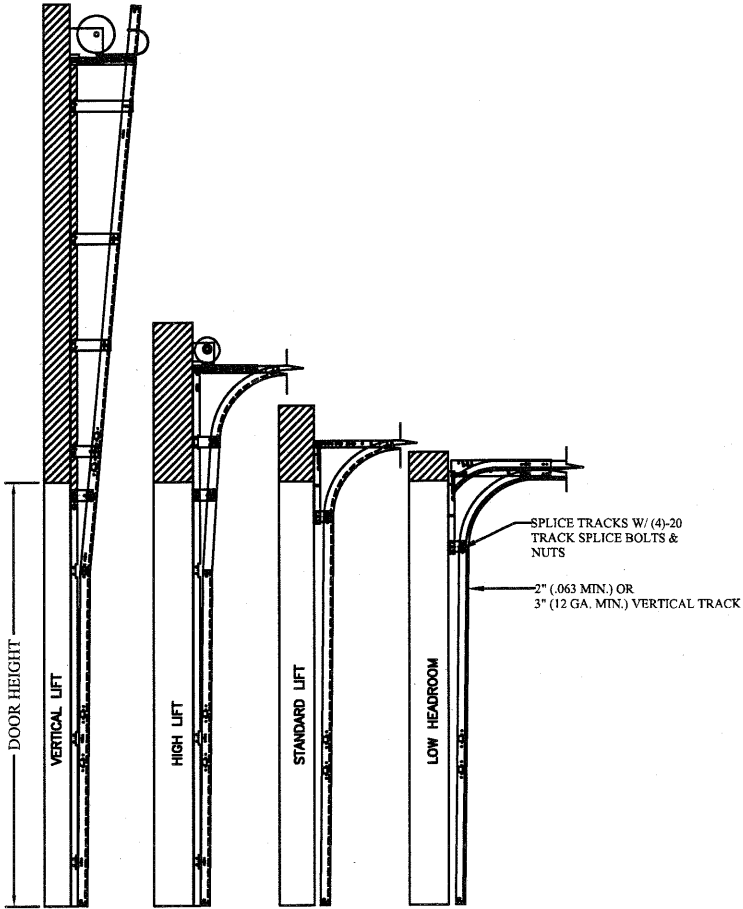
ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

- 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



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

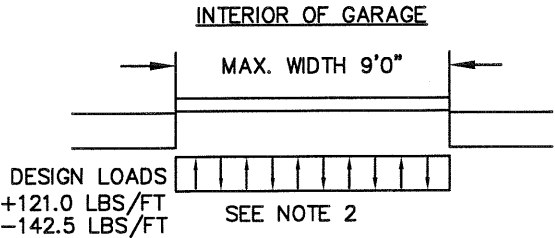


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 2

Section Width (ft)		Center Stile	Max Design Loads Allowed	
		1st (in)	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

- 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: +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.



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

LARGE MISSILE IMPACT RESISTANCE

Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412)

FL

AMARR MODEL #1480 CARRIAGE COURT

SIZE B DRAWN BY RLR DATE 1/22/15 CHECKED BY RLR DATE 1/29/15

DRAWING NUMBER IRC-1409-130-15-1 SHEET 2 OF 2