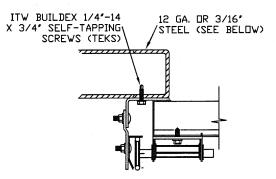


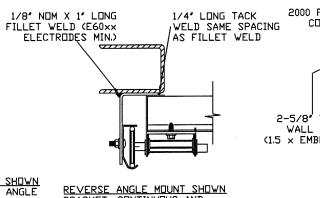
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



CLIP STYLE REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

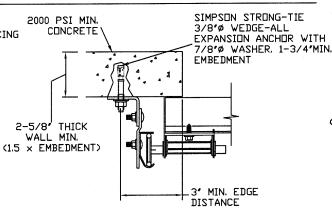
12 GA. STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 10" O.C. REFER TO NOTES: 1, 2 AND 5

3/16' STEEL FRAMING 569 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 24" D.C. REFER TO NOTES: 1, 2 AND 5



BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

STEEL FRAMING 12GA DR BETTER 1590 LBS./IN. ALLOWABLE LOAD 6" FROM ENDS AND 24" D.C. REFER TO NOTES: 1, 2, 5, 6, 7, 8

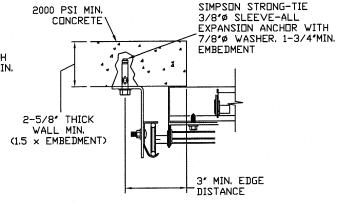


CLIP STYLE CONTINUOUS ANGLE MOUNT SHOWN BRACKET, REVERSE AND TAPERED ANGLE MOUNT **AVAILABLE**

2000 PSI CONCRETE OR GREATER 351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD -6' FROM ENDS AND 12' O.C. REFER TO NOTES: 1, 2, 3, 4 AND 5

NOTES:

- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
- 2, FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN. EGDE DISTANCE OF 3" REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.
- 5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS IN ADDITION TO OTHER LOADS.
- 6. MOST GARAGE DOOR TRACK IS GALVANIZED STEEL. USE ALL NECESSARY PRECAUTIONS WHEN WELDING GALVANIZED STEEL.
- 7. ALL WELDS SHOULD BE PERFORMED BY A CERTIFIED WELDER OR INSPECTED BY A CERTIFIED WELDING INSPECTOR TO VERIFY THE INTEGRITY OF THE WELD.
- 8. FILLET WELDS TO HAVE A STRAIGHT OR CONVEX FACE
- 9. TACK WELD TOE OF ANGLE AT SAME SPACING TO PREVENT ROTATION OF TRACK ANGLE.



CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

2000 PSI CUNCRETE DR GREATER
336 LBS./EXPANSION ANCHOR ALLOWABLE
LOAD - 6' FROM ENDS AND 12' D.C. REFER TO NOTES: 1, 2, 3, 4 AND 5

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.

REV DESCRIPTION OF REVISIONS

DATE BY

THOMAS L. SHELMERDINE

CENSED. SSIONAL ENGINE

(24GA)

DRAWING NUMBER

IBC-2516-150-26-

SHEET 2 OF 3

(CONAL -

ENTRE/MATIC

165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 AMARR MODEL 2500 (25GA) AMARR MODEL 2400

AMARR MODEL 2000

DATE 2/10/15

- 2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +253.8 LBS/FT AND -287.0 LBS/FT
- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 25 GA. (.018) MIN. EXTERIOR SKIN ROLLED FORMED, GALVANIZATION W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24' HIGH USE (1) 5 1/2" R-TRUSS PER SECTION AND (1) 3" 18GA STRUT ON TOP OF THE BOTTOM BRACKET.

MAX SIZE

16'2 x 24'

DESIGN LOADS

+31.4 PSF

-35.5 PSF

TEST LOADS

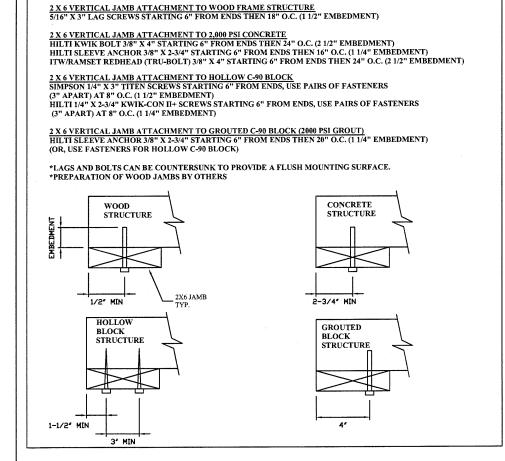
+47.1 PSF -53.3 PSF

ARGE MISSILE IMPACT RESISTANCE

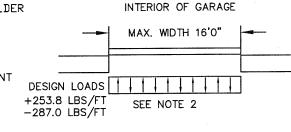
DRAWN BY RS

CHECKED BY RLR DATE 2/10/15

6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)



TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE PAGE 3 FOR TRACK CONFIGURATION DETAIL

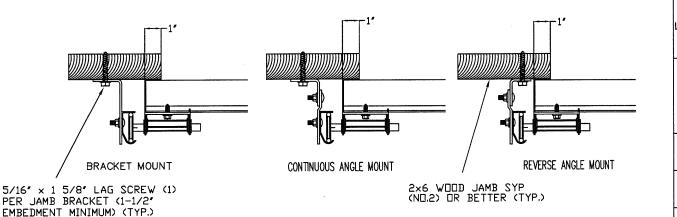
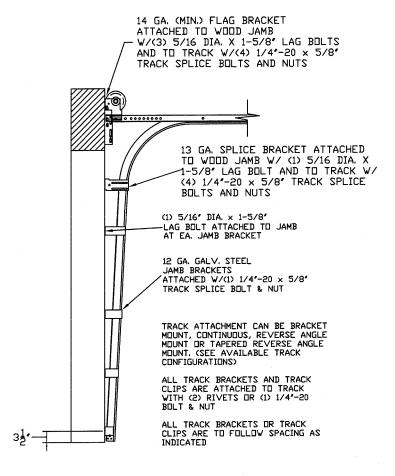


TABLE 1

Sec	tion	Center Stile Locations					
Wid		(Measured from Left					
(fi		1st 2nd		3rd			
("	.,	(in) (in)		(in)			
9'	4"	36"	76"	-			
9'	6"	37"	77"	943			
9'	8"	38"	78"	-			
9'	10"	39"	79"	-			
10'	0"	40"	80"				
10'	2"	41"	81"	-			
10'	4"	42"	82"	-			
10'	6"	43"	83"	en .			
10'	8"	44"	84"	-			
10'	10"	45"	85"	-			
11'	0"	46"	86"	-			
11'	2"	47"	87"	-			
11'	4"	48"	88"	-			
11'	6"	49"	89"	-			
11'	8"	50"	90"	(He			
11'	10"	51"	91"	-			
12'	0"	48"	96"	-			
13'	0"	36"	78"	120"			
13'	2"	37"	79"	121"			
13'	4"	38"	80"	122"			
13'	6"	39"	81"	123"			
13'	8"	40"	82"	124"			
13'	10"	41"	83"	125"			
14'	0"	42"	84"	126"			
14'	2"	43"	85"	127"			
14'	4"	44"	86"	128"			
14'	6"	45"	87"	129"			
14'	8"	46"	88"	130"			
14'	10"	47"	89"	131"			
15'	0"	48"	90"	132"			
15'	2"	49"	91"	133"			
15'	4"	50"	92"	134"			
15'	6"	51"	93"	135"			
15'	8"	52"	94"	136"			
15'	10"	53"	95"	137"			
16'	0"	48"	96"	144"			
16'	2"	49"	97"	145"			

*FOR WIDTHS 12'-2" TO 12'-10" CONTACT ENGINEERING FOR STILE PLACEMENT



TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2

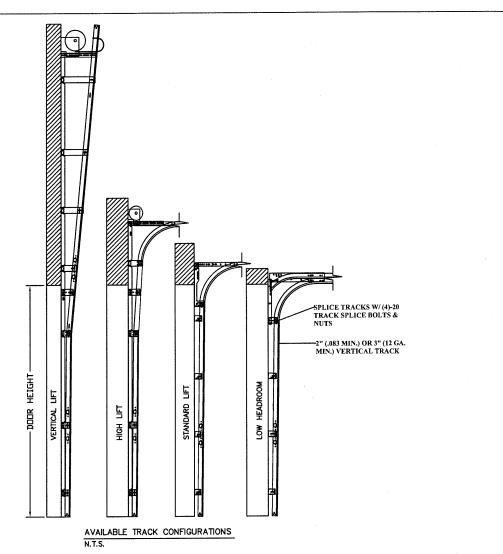


TABLE 2

DO	OOR	TRACK ATTACHMENT							TYPICAL					
HE	IGHT	A	В	С	D	E	F	G	Н	ı	J	K	1	SPLICE
7'	0"	3.5"	22"	46"	70"									76"
7'	6"	3.5"	22"	46"	70"									82"
8'	0"	3.5"	22"	46"	70"									88"
8'	6"	3.5"	22"	46"	70"									94"
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"
15'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	·				172"
16'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"					184"
17'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"				196"
18'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"				208"
19'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"			220"
20'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"			232"
21'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"		244"
22'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"		256"
23'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"	262"	268"
24'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"	262"	280"

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

AMARR MODEL 2500 ONLY AVAILABLE UP TO 14'

					T	
REV	DESCRIPTION	OF REVISIONS		DATE	BY	
16': +3 -3 TES +4 -5	X SIZE 2 x 24' GN LOADS 1.4 PSF 5.5 PSF ST LOADS 7.1 PSF 3.3 PSF SE MISSILE MPACT SISTANCE	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	THOMASA 8	OF TE	ABINE LA	5921-G W. Friendly Ave., Greensboro, NC 27410

ENTRE/MATIC

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

24GA) 20GA)
25GA)

SIZE	DRAWN BY	RS	DATE	2/10/15	DRAWING NUMBER
В	CHECKED BY	RLR	DATE	2/10/15	IBC-2516-150-26-I
					SHEET 3 OF 3