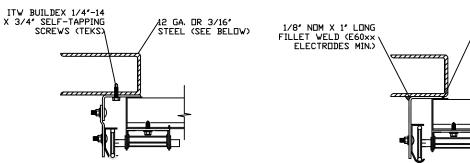


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165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 WWW.AMARR.COM

MODEL 1350 (1-3/8"), MODEL 2700 (2") FLUSH AND RIBBED PANEL

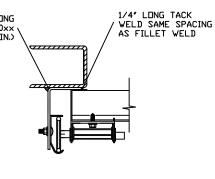
SIZE	DRAWN BY	RLR	DATE	05/10/12		_	DRAWING NUMBER			
В	CHECKED BY		DATE			IBC-1	309-	-130-1	1-	
ENGIN	ENGINEER: THOMAS L. SHLEMERDINE P.E. LIC. No. 0048579						1 OF	3		



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

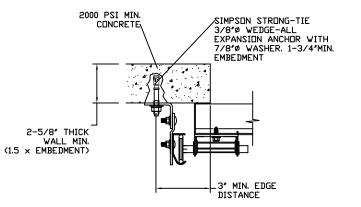
12 GA STEEL FRAMING 232 LBS/SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 24' O.C. REFER TO NOTES: 1, 2 AND 5

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



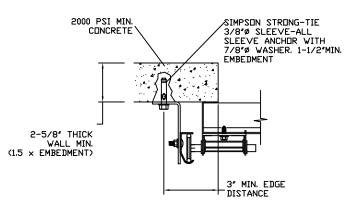
TAPERED REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND REVERSE ANGLE MOUNT AVAILABLE

STEEL FRAMING 12GA OR GREATER
1590 LBS/In ALLOWABLE LOAD - 6" FROM ENDS AND 24" D.C.
REFER TO NOTES: 1, 2, 5, 6, 7, 8 AND 9



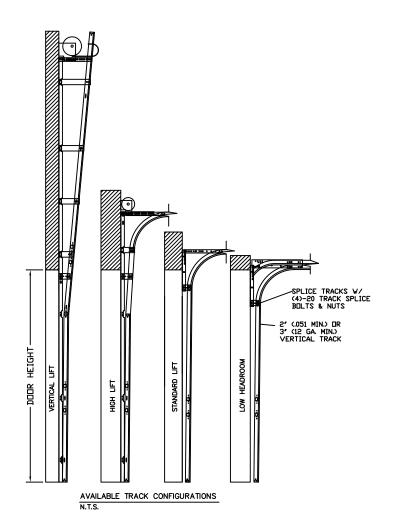
CONTINUOUS ANGLE MOUNT SHOWN BRACKET MOUNT AVAILABLE

2000 PSI CONCRETE OR GREATER 351 LBS/EXSPANSION ANCHOR ALLOWABLE LOAD - 6" FROM ENDS AND 24" D.C. REFER TO NOTES: 1, 2, 3, 4 AND 5



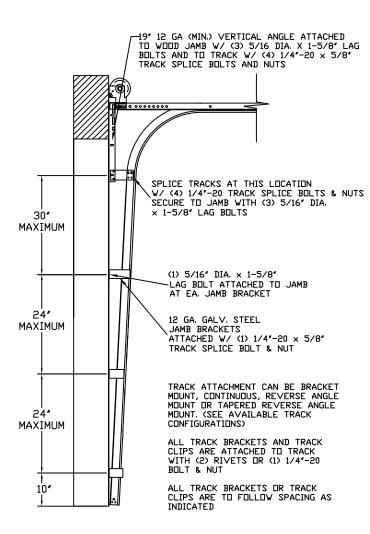
BRACKET MOUNT SHOWN CONTINUOUS MOUNT AVAILABLE

2000 PSI CONCRETE OR GREATER
336 LBS/SLEEVE ANCHOR ALLOWABLE LOAD - 6' FROM ENDS AND 24' O.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5



NOTES

- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND
- 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 SURFACE.
- 9. TACK WELD TOE OF ANGLE AT SAME SPACING TO PREVENT ROTATION OF TRACK ANGLE.



TRACK CONFIGURATION FOR 6' UP TO 24' TALL DOORS

REV	DESCRIPTION (F REVISIONS	DATE	BY
9'2 DESI	X SIZE 2" x 24' GN LOADS	ر م	TEOFT	
	24.3 PSF 28.5 PSF	Á		· · · · · · · · · · · · · · · · · · ·
TEST LOADS +36.5 PSF -42.8 PSF		* THOM	MAS L. SHELI 8582/	MERDINE
LARGE MISSILE IMPACT RESISTANCE		Constitution of the second	SS/ONALE	0/2012 jigjiji
			arr	

MODEL 1350 (1-3/8"), MODEL 2700 (2")

FLUSH AND RIBBED PANEL

ENGINEER: THOMAS L. SHLEMERDINE P.E. LIC. No. 0048579 SHEET 2 OF 3

DRAWING NUMBER

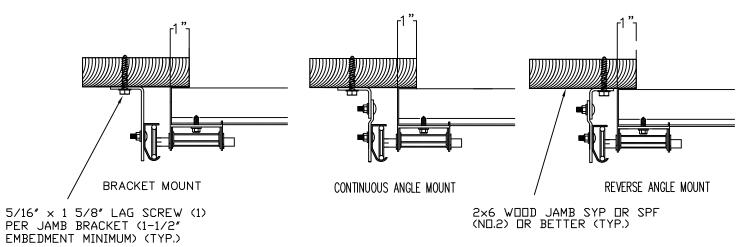
IBC-1309-130-11-I

SIZE DRAWN BY RLR DATE 05/10/12

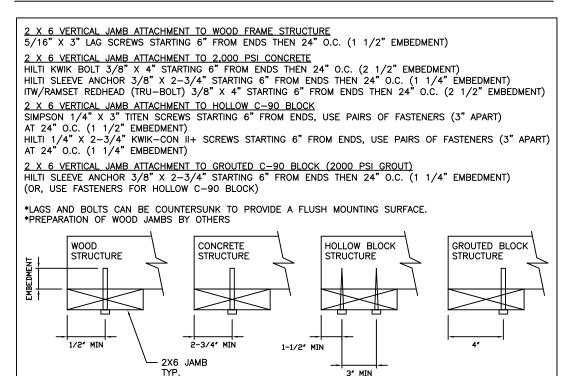
B CHECKED BY

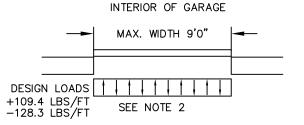
TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE SHEET 2 TRACK CONFIGURATION DETAIL



WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)





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: +109.4 LBS/FT & -128.3 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 MIN. INTERIOR AND EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24'0" HIGH REQUIRE (2) 2" 20 GA STRUTS ON BOTTOM, (1) 2" 20 GA STRUT ON EACH INTERMEDIATE, AND (1) 2" 20 GA STRUT ON TOP SECTION.
- 6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

TABLE 1

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Section		Center Stile					
Wid		Locations					
		1st					
(fi	.)	(in)					
6'	0"	36.000					
7'	0"	42.000					
7'	2"	43.000					
7'	4"	44.000					
7'	6"	45.000					
7'	8"	46.000					
7'	10"	47.000					
8'	0"	48.000					
8'	2"	49.000					
8'	4"	50.000					
8'	6"	51.000					
8'	8"	52.000					
8'	10"	53.000					
9'	0"	54.000					
9'	2"	55.000					

REV	DESCRIPTION (DF REVISIONS	DATE	BY	
MAY SIZE					

MAX SIZE 9'2" x 24'

DESIGN LOADS +24.3 PSF -28.5 PSF

TEST LOADS +36.5 PSF -42.8 PSF

LARGE MISSILE IMPACT RESISTANCE





165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 WWW.AMARR.COM

MODEL 1350 (1-3/8"), MODEL 2700 (2") FLUSH AND RIBBED PANEL

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