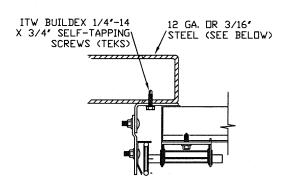


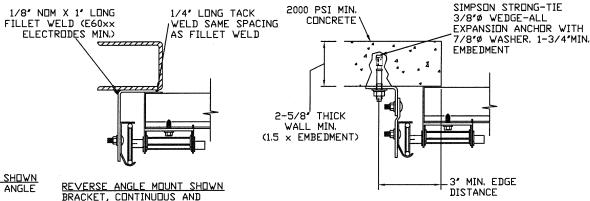
### TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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 12" D.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



CLIP STYLE CONTINUOUS ANGLE MOUNT SHOWN BRACKET, REVERSE AND TAPERED ANGLE MOUNT AVATI ARI F

2000 PSI CUNCRETE DR GREATER
351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD 6' FROM ENDS AND 18' D.C. REFER TO NOTES: 1, 2, 3, 4 AND 5

#### NOTES:

EMBEDMENT MINIMUM) (TYP.)

TAPERED ANGLE MOUNT AVAILABLE

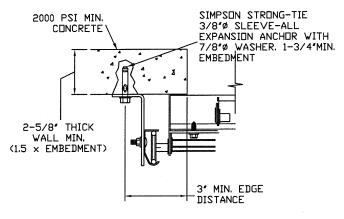
STEEL FRAMING 12GA DR BETTER

1590 LBS./IN. ALLOWABLE LOAD -

REFER TO NOTES: 1, 2, 5, 6, 7, 8

6' FROM ENDS AND 24' O.C.

- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
- 2, FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM DN-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.



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

2000 PSI CONCRETE OR GREATER 336 LBS./EXPANSION ANCHOR ALLOWABLE LOAD - 6' FROM ENDS AND 18' O.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.
- 2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +206.8 LBS/FT AND -235.9 LBS/FT
- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, GALVANIZATION W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24' HIGH USE (1) 4 1/2" R-TRUSS PER SECTION AND (1) 3" 20GA STRUT AT TOP OF THE BOTTOM BRACKET.
- 6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

INTERIOR OF GARAGE

MAX. WIDTH 14'2"

SEE NOTE 2

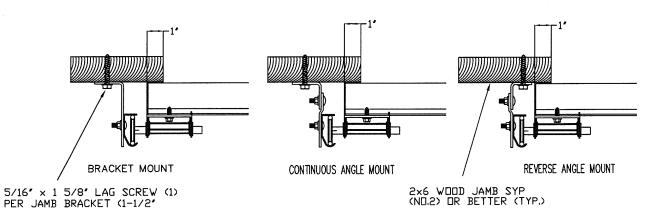
DESIGN LOADS | | | | | |

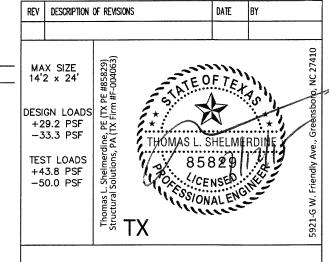
+206.8 LBS/FT

-235.9 LBS/FT

# TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE PAGE 4 FOR TRACK CONFIGURATION DETAIL



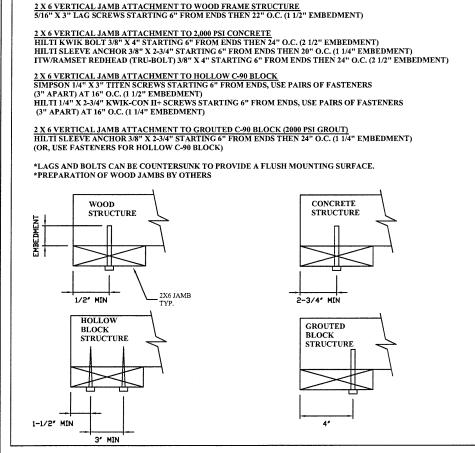


### ENTRE/MATIC

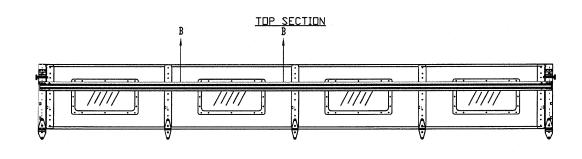
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

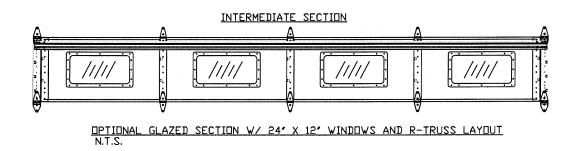
AMARR MODEL 2400 (24GA) AMARR MODEL 2000 (20GA)

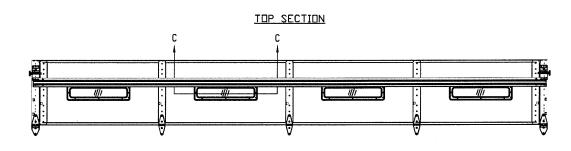
SIZE	DRAWN BY	RS	DATE	1/22/15	DRAWING NUMBER
В	CHECKED BY	RLR	DATE	1/22/15	IBC-2414-145-24
					SHEET 2 OF 4

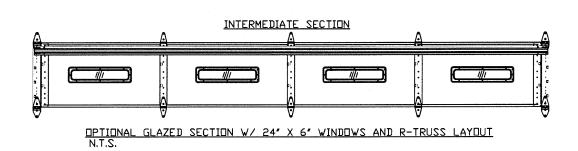


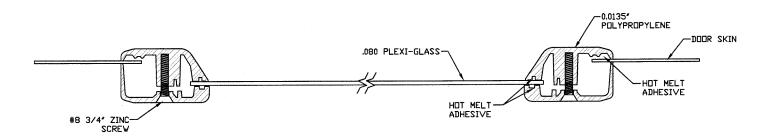
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)



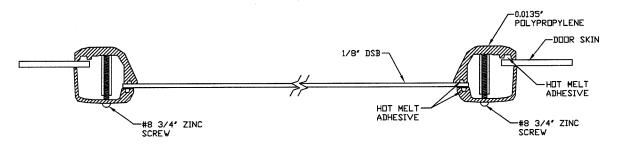




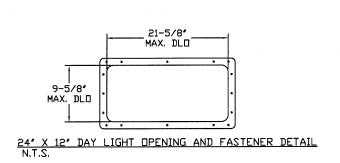


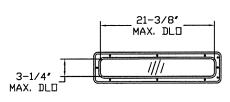


SECTION B-B 24' X 12' WINDOW DETAIL W/ .080 PLEXI-GLASS N.T.S.



SECTION C-C 24' X 6' WINDOW DETAIL W/ 1/8' DSB N.T.S. (ALSO AVAILABLE WITH .080' PLEXI-GLASS)





24" X 6" DAY LIGHT OPENING AND FASTENER DETAIL N.T.S.

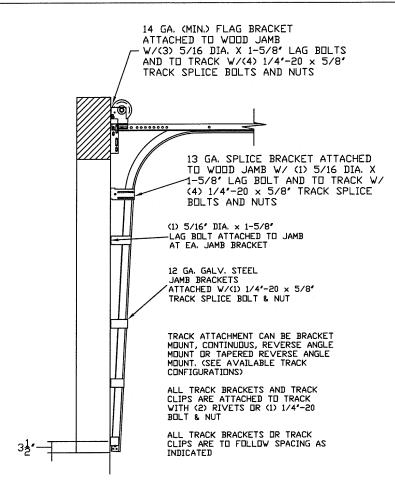
,							<del></del>		
REV	REV DESCRIPTION OF REVISIONS						BY	İ	
14'2 DESI0 +2 -3 TES +4	X SIZE 2 x 24, GN LOADS 9.2 PSF 3.3 PSF T LOADS 3.8 PSF 0.0 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	TX	THOM	IAS L S 858 1/ce	HELME B 29 NSEP	BOHYE	5921-G W. Friendly Ave., Greensboro, NC 27410	
ENTRE/MATIC  165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105									
AMARR MODEL 2400 (24GA) AMARR MODEL 2000 (20GA)									
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SHEET 3 OF 4

### TABLE 1

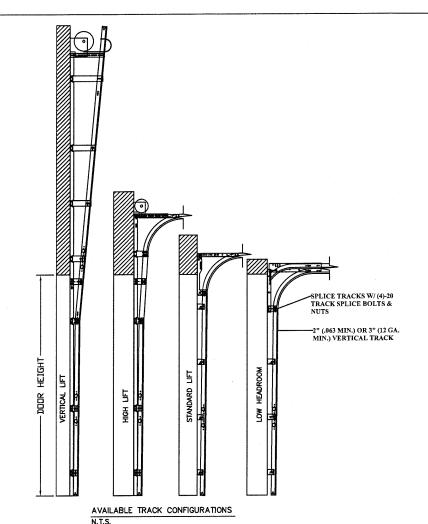
	Section Width (ft)		Cente	r Stile Lo	cations	Max Design Loads			
			(Mea	sured fro	m Left	Allowed			
			1st	2nd 3rd Positiv		Positive	Negitive		
	(11	')	(in)	(in)	(in)	(PSF)	(PSF)		
	9'	4"	36"	76"	-	32.4	37.0		
	9'	6"	37"	77"	=	32.0	36.5		
	9'	8"	38"	78"		31.6	36.1		
	9'	10"	39"	79"	-	31.2	35.6		
	10'	0"	40"	80"	-	30.8	35.2		
	10'	2"	41"	81"	-	30.4	34.7		
	10'	4"	42"	82"	-	30.1	34.3		
I	10'	6"	43"	83"	-	29.7	33.9		
	10'	8"	44"	84"	-	29.3	33.5		
Ī	10'	10"	45"	85"	NE	29.0	33.1		
	11'	0"	46"			28.7	32.7		
I	11'	2"	47"	87"	-	28.3	32.3		
ľ	11'	4"	48"	88"	-	28.0	32.0		
I	11'	6"	49"	89"		27.7	31.6		
I	11'	8"	50"	90"	-	27.4	31.2		
Ì	11'	10"	51"	91"	-	27.1	30.9		
ľ	12'	0"	48"	96"	-	25.7	29.3		
l	12'	2"	49"	97"	•	25.4	29.0		
ľ	12'	4"	50"	98"		25.1	28.7		
ľ	12'	6"	51"	99"		24.9	28.4		
Ī	12'	8"	52"	100"	-	24.6	28.1		
Ì	12'	10"	53"	101"	œ.	24.4	27.8		
I	13'	0"	36"	78"	120"	29.3	33.5		
	13'	2"	37"	79"	121"	29.3	33.5		
Ī	13'	4"	38"	80"	122"	29.3	33.5		
j	13'	6"	39"	81"	123"	29.3	33.5		
ľ	13'	8"	40"	82"	124"	29.3	33.5		
I	13'	10"	41"	83"	125"	29.3	33.5		
İ	14'	0"	42"	84"	126"	29.3	33.5		
	14'	2"	43"	85"	127"	29.2	33.3		

\*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



LICE	
76"	
32"	
38"	Ī
94"	
00"	
06"	
12"	
24"	
36"	
48"	
60"	
72"	
84"	
96"	
08" 20"	
20"	
32"	
44"	
56"	
68"	

I AL		_	_		_								ŀ	I.T.S.
DO	OR	TRACK ATTACHMENT										TYPICAL		
HEK	GHT	Α	В	С	D	E	F	G	H	I	J	K	L	SPLICE
7'	0"	10.0"	21"	39"										76"
7'	6"	10.0"	21"	39"	58"									82"
8'	0"	10.0"	21"	39"	58"	75"								88"
8'	6"	10.0"	21"	39"	58"	75"								94"
9'	0"	10.0"	21"	39"	58"	75"	93"							100"
9'	6"	10.0"	21"	39"	58"	75"	93"							106"
10'	0"	10.0"	21"	39"	58"	75"	93"							112"
11'	0"	10.0"	21"	39"	58"	75"	93"	111"						124"
12'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"					136"
13'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"					148"
14'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"				160"
15'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"			172"
16'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"			184"
17'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"		196"
18'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	208"
19'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	220"
20'	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	232"
21	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	244"
22	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	256"
23	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	268"
24	0"	10.0"	21"	39"	58"	75"	93"	111"	129"	147"	165"	183"	201"	280"

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

MAX SIZE
14'2 × 24'

DESIGN LOADS
+29.2 PSF
-33.3 PSF

TEST LOADS
+43.8 PSF
-50.0 PSF

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

AMARR MODEL 2400 (24GA) AMARR MODEL 2000 (20GA)

SIZE	DRAWN BY	RS	DATE	1/22/15	 Drawing Number
В	CHECKED BY	RLR	DATE	1/22/15	 IBC-2414-145-24
					SHEET 4 OF 4