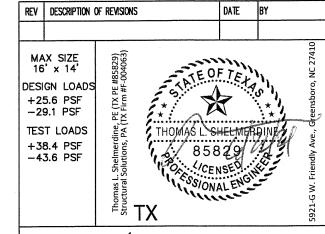


-19" 14 GA (MIN.) VERTICAL ANGLE ATTACHED
TO WOOD JAMB W/ (3) 5/16 DIA. X 1-5/8" LAG
BOLTS AND TO TRACK W/ (4) 1/4"-20 x 5/8"

TRACK SPLICE BOLTS AND NUTS

TRACK CONFIGURATION FOR UP TO 14' TALL DOORS



Amarr

MODEL #3100 AMARR LINCOLN 3138 MODEL #3150 AMARR HILLCREST 3138 MODEL #1600 AMARR LINCOLN 3000 MODEL #1650 AMARR HILLCREST 3000

	••					
SIZE	DRAWN BY	DRD	DATE	12/20/18		DRAWING NUMBER
В	CHECKED BY	DLJ	DATE	02/11/19		IRC-3116-130-15
1/E C	ADDIAGE COU		COMPAN		27105	SHEET 2 OF 3

WOOD JAMB ATTACHMENT TO STRUCTURE

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)

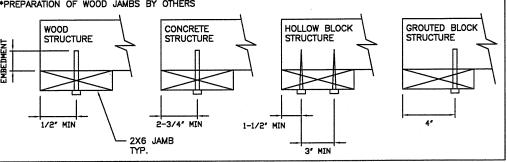
2 X 6 VERTICAL JAMB ATTACHMENT TO 2.000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 20" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 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 16" O.C. (1 1/2" EMBEDMENT)

AT 16" 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 16" 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



SPECIFICATIONS AND NOTES

INTERIOR OF GARAGE

MAX. WIDTH 16'0"

SEE NOTE 2

DESIGN LOADS | | | | | | | |

- 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:
- +204.8 LBS/FT & -232.8 LBS/FT.

+204.8 LBS/FT

-232.8 LBS/FT

- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 27GA MIN. INTERIOR AND 27GA MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH.
- 5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- 6. PANEL STAMP DOES NOT AFFECT WINDLOAD CAPABILITIES.
- 7. DOOR IS MANUFACTURED AND TESTED IN ACCORDANCE WITH THE 2018 IRC/IBC.

TABLE 1

DOOR									
HEIGHT	Α	В	С	D	Е	F	С	D	S
6' 6"	10"	21"	42"	63"					70"
7'	10"	21"	42"	63"					76"
7' 6"	10"	21"	42"	63"	56"				82"
8'	10"	21"	42"	63"	56"				88"
8' 6"	10"	21"	42"	63"	56"				94"
9'	10"	21"	42"	63"	56"	68"			100"
9' 6"	10"	21"	42"	63"	56"	68"			106"
10'	10"	21"	42"	63"	56"	68"			112"
10' 6"	10"	21"	42"	63"	56"	68"			118"
11'	10"	21"	42"	63"	56"	68"	78"		124"
11' 6"	10"	21"	42"	63"	56"	68"	78"		130"
12'	10"	21"	42"	63"	56"	68"	78"		136"
12'6"	10"	21"	42"	63"	56"	68"	78"	88	142"
13'	10"	21"	42"	63"	56"	68"	78"	88"	148"
13' 6"	10"	21"	42"	63"	56"	68"	78"	88"	154"
14'	10"	21"	42"	63"	56"	68"	78"	88"	160"

ALL TRACK ATTACHMENT SPACING +/- 2"
ALLOWED WITH SYP OR SPF NO. 2 OR BETTER ONLY

TABLE 2

DOOR		SECTION HEIGHTS							
HEIGHT	Btm	#2	#3	#4	#5	#6	#7	#8	
6' 0"	18"	18"	18"	18"					
6' 6"	21"	18"	18"	21"					
7' 0"	21"	21"	21"	21"					
7' 6"	18"	18"	18"	18"	18"				
8' 0"	21"	18	18"	18"	21"				
8' 6"	21"	21"	21"	18"	21"				
9' 0"	18"	18"	18"	18"	18"	18"			
9' 6"	21"	18"	18"	18"	18"	21"			
10' 0"	21"	21"	21"	18"	18"	21"			
10' 6"	21"	21"	21"	21"	21"	21"			
11' 0"	21"	18"	18	18"	18"	18"	21"		
11' 6"	21"	21"	21"	18"	18"	18"	21"		
12' 0"	21"	21"	21"	21"	21"	18"	21"		
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"	
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"	
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"	
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"	

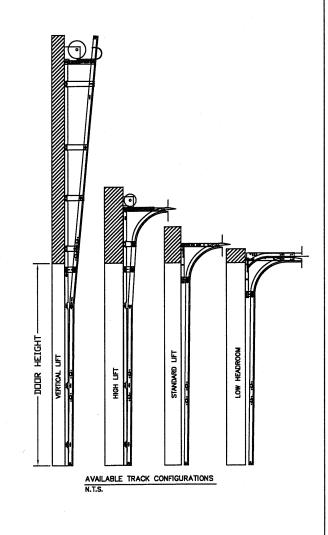
TABLE 4

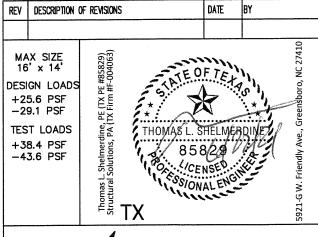
SECTION	STRUT SIZE					
OTU					3"	
8TH					3"	
7711				3"	3"	
7TH				3"	3"	
CTL			3"	3"	3"	
6ТН			3"	3"	3"	
CTI		3"	3"	3"	3"	
STH		3"	3"	3"	3"	
AT11	3"	3"	3"	3"	3"	
4TH	3"	3"	3"	3"	3"	
200	3"	3"	3"	3"	3"	
3RD	3"	3"	3"	3"	3"	
2110	3"	3"	3"	3"	3"	
2ND	3"	3"	3"	3"	3"	
DOTTONA	3"	3"	3"	3"	3"	
воттом	3"	3"	3"	3"	3"	

TABLE 3

Section		enter St	Max Design				
	Panel Type		sured f	Loads Allowed			
Width	i diloi iypo	1st	2st	3rd	4th	1	Negitive
(ft)		(in)	(in)	(in)	(in)	(PSF)	(PSF)
14' 0	Short	57.76	84.00	110.11		29.1	33.1
14' 0	Long	58.63	84.00	109.38		29.1	33.1
14' 2	Short	58.85	85.00	111.41		28.8	32.7
14' 2	Long	59.17	85.00	110.83		28.8	32.7
14' 4	Short	59.16	86.00	112.71		28.4	32.3
14' 4	Long	60,17	86.00	111.83		28.4	32.3
14' 6	Short	59.86	87.00	114.01		28.1	31.9
14' 6	Long	61.17	87.00	112.83		28.1	31.9
14' 8	Short	60.56	88.00	115.31		27.8	31.6
14' 8	Long	44.81	88.00	131.19		27.8	31.6
14' 10	Short	61.26	89.00	116.61		27.5	31.2
14' 10	Long	45.60	89.00	132.40		27.5	31.2
15' 0	Short	61.94	90.00	117.94		27.2	30.9
15' 0	Long	46.60	90.00	133.40		27.2	30.9
15' 2	Short	62.66	91.00	119.21		26.9	30.5
15' 2	Long	47.60	91.00	134.40		26.9	30.5
15' 4	Short	53.60	79.20	104.80	130.40	26.6	30.2
15' 4	Long	47.25	92.00	136.75		26.6	30.2
15' 6	Short	46.62	93.00	139.38		26.3	29.9
15' 6	Long	47.60	93.00	138.40		26.3	29.9
15' 6	Hillcrest	47.42	93.00	138.58		26.3	29.9
15' 8	Short	47.62	94.00	140.38		26.0	29.6
15' 8	Long	48.60	94.00	139.40		26.0	29.6
15' 8	Hillcrest	48.02	94.00	139.98		26.0	29.6
15' 10	Short	48.62	95.00	141.38		25.7	29.3
15' 10	Long	49.17	95.00	140.83		25.7	29.3
15' 10	Hillcrest	48.62	95.00	141.38		25.7	29.3
16' 0	Short	49.62	96.00	142.38		25.6	29.1
16' 0	Long	50.60	96.00	141.40		25.6	29.1
16' 0	Hillcrest	48.42	96.00	143.58		25.6	29.1

CONTACT ENGINEERING REGARDING SIZES NOT LISTED







MODEL #3100 AMARR LINCOLN 3138 MODEL #3150 AMARR HILLCREST 3138 MODEL #1600 AMARR LINCOLN 3000 MODEL #1650 AMARR HILLCREST 3000

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В	CHECKED BY	DLJ	DATE	02/11/19	IRC-3116-130-15
16E C			COMPAN	Y SALEM NC 27105	SHEET 3 OF 3