

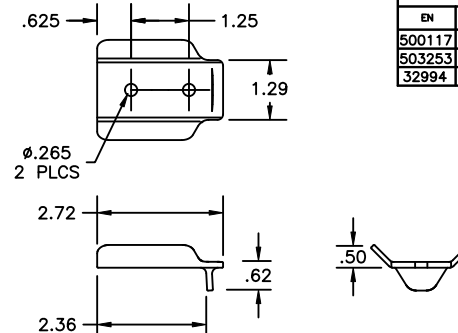
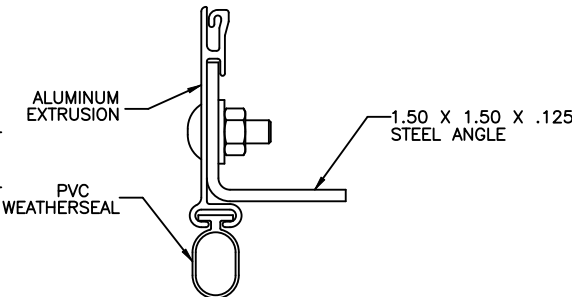
NOTES

- DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BLDG CODE AND INTERNATIONAL BLDG CODE.
- SPACING IS THE CENTER TO CENTER DIMENSION. BOTTOM FASTENER WITHIN 6 INCHES OF FLOOR.
- PRESSURES LISTED AS $\pm$ DESIGN PSF.
- CONCRETE JAMBS SHALL BE 3000 PSI STRENGTH MINIMUM.
- WOOD JAMBS SHALL BE SOUTHERN PINE (SP. GR.=0.55) MINIMUM.
- STEEL MUST COMPLY WITH AISI S100 AND HAVE A MINIMUM ULTIMATE STRENGTH OF 58KSI.
- APPROVED CONCRETE ANCHORS: HILTI KBTZ2.
- APPROVED MASONRY SCREW: ITW BUILDEX TAPCONPLUS.
- STEEL GAUGE THICKNESS PER DASMA TDS #154.

10. JAMB CONSTRUCTION AND DESIGN BY OTHERS. JAMBS MUST BE DESIGNED TO WITHSTAND THE MOMENT, NORMAL, AND PARALLEL FORCES IMPOSED BY THE DOOR AS LISTED BELOW:

- GUIDE 1: NORMAL = 186 LBS/FT OF DOOR HEIGHT
PARALLEL = 356 LBS/FT OF DOOR HEIGHT
- GUIDE 2: NORMAL = 248 LBS/FT OF DOOR HEIGHT
PARALLEL = 646 LBS/FT OF DOOR HEIGHT

11. 1/4" GRADE 2 BOLTS SPACED 9" O.C. MAY BE USED IN LIEU OF SPOT WELDING.



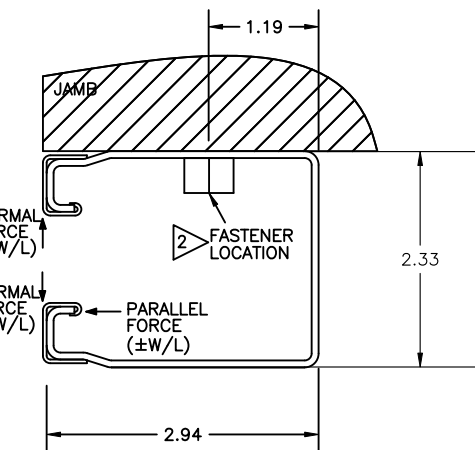
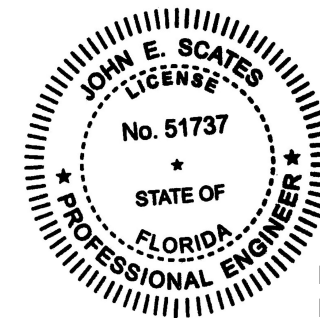
REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
500117	B	REVISE PER ER	7/2/09	MS
503253	C	REVISE PER ER	4/11/16	TB
32994	D	REVISE PER PCR	2/8/23	TD

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL. PE 51737/TX. PE 56308/F-2203

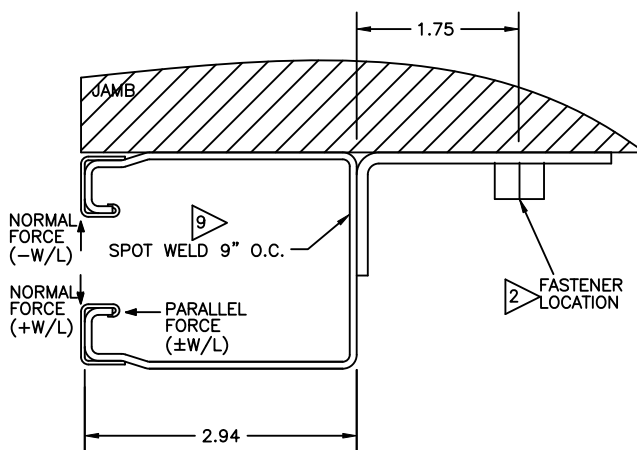
PROFESSIONAL ENGINEER'S SEAL
PROVIDED ONLY FOR VERIFICATION OF
WINDLOAD CONSTRUCTION DETAILS

FL # 12111

Digitally signed by John E Scates
Date: 2023.02.08 20:24:59 -05'00'



SECTION A-A GUIDE 1
(STEEL JAMB UP TO 14' WIDE OPENING -
AS INDICATED IN CHART B)
DEEP GUIDE (14 GA) ASSY DETAIL
DWG# 220186
(STEEL JAMB SHOWN)

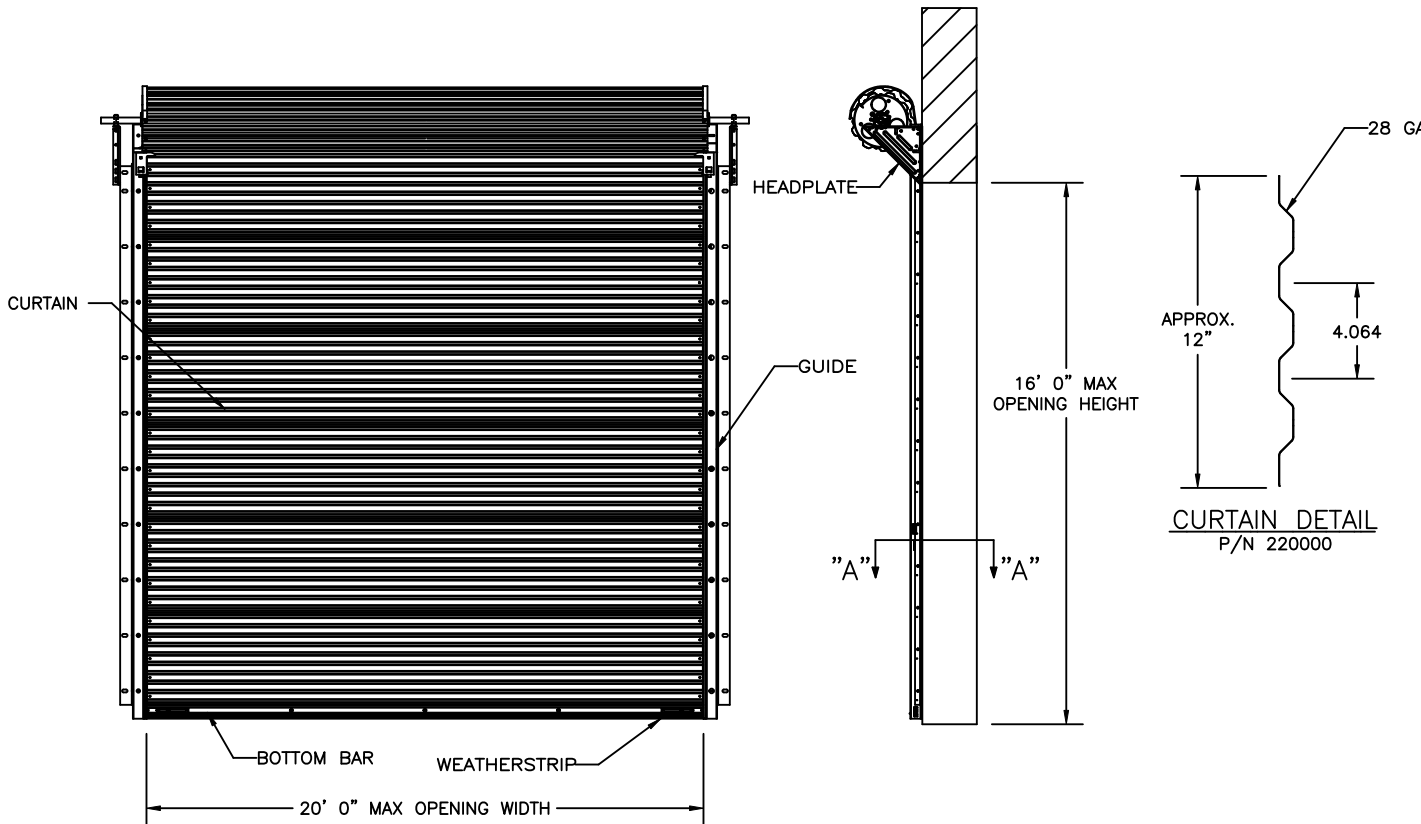


SECTION A-A (ROTATED) GUIDE 2
DEEP GUIDE (14 GA) W/WALL ANGLE (1.33 x 2.75 x 11 GA) ASSY DETAIL
DWG# 220186
MASONRY/WOOD JAMBS ALL SIZES
STEEL JAMBS 14'-1" TO 20'-0" WIDE OPENING
(STEEL JAMB SHOWN)

GUIDE 1 SPECIFICATIONS						
	JAMB TYPE	± 22 PSF	± 26 PSF	± 31 PSF	± 36 PSF	± 41 PSF
8' WIDE	STEEL	S1	S1	S1	S2	S2
	CONCRETE	C1	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1	W1
10' WIDE	STEEL	S1	S2	S2	S2	S2
	CONCRETE	C1	C1	C1	GUIDE 2	GUIDE 2
	WOOD	W1	W1	W1	W1	GUIDE 2
12' WIDE	STEEL	S1	S2	S3		
	CONCRETE	C1	GUIDE 2	GUIDE 2		
	WOOD	W1	GUIDE 2	GUIDE 2		
14' WIDE	STEEL	S3	S3			
	CONCRETE	GUIDE 2	GUIDE 2			
	WOOD	GUIDE 2	GUIDE 2			

GUIDE 2 SPECIFICATIONS						
	JAMB TYPE	± 22 PSF	± 26 PSF	± 31 PSF	± 36 PSF	± 41 PSF
8' WIDE	STEEL	GUIDE 1	GUIDE 1	GUIDE 1	GUIDE 1	GUIDE 1
	CONC SCREW	C1	C1	C1	C3	C3
	CONC ANCHOR	C4	C4	C4	C4	C4
	WOOD	W2	W2	W3	W3	W3
10' WIDE	STEEL	GUIDE 1	GUIDE 1	GUIDE 1	GUIDE 1	GUIDE 1
	CONC SCREW	C1	C1	C3	C3	C3
	CONC ANCHOR	C4	C4	C4	C4	C4
	WOOD	W2	W3	W3	W3	W3
12' WIDE	STEEL	GUIDE 1	GUIDE 1	GUIDE 1	S3	S3
	CONC SCREW	C1	C1	C3	C3	C3
	CONC ANCHOR	C4	C4	C4	C4	C4
	WOOD	W2	W3	W3	W3	W3
14' WIDE	STEEL	GUIDE 1	GUIDE 1	S3	S3	
	CONC SCREW	C3	C3	C3	C3	
	CONC ANCHOR	C4	C4	C4	C4	
	WOOD	W3	W3	W3	W3	
16' WIDE	STEEL	S2	S2	S3		
	CONC SCREW	C3	C3	C3		
	CONC ANCHOR	C4	C4	C4		
	WOOD	W3	W3	W3		
18' WIDE	STEEL	S2	S3			
	CONC SCREW	C3	C3			
	CONC ANCHOR	C4	C4			
	WOOD	W3	W3			
20' WIDE	STEEL	S3				
	CONC SCREW	C3				
	CONC ANCHOR	C4				
	WOOD	W3				

JAMB AND FASTENER DEFINITIONS	
S 1	1/4" -20 TEKSSSELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 14GA THICK MIN.
S 2	1/4" -20 TEKSSSELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 12GA THICK MIN.
S 3	1/4" -20 TEKSSSELF-DRILLING SCREW
	6" SPACING
	JAMB STEEL 12GA THICK MIN.
C 1	1/4" TAPCONPLUS, 1.75" EMBED
	12" SPACING
C 2	1/4" TAPCONPLUS, 1.75" EMBED
	6" SPACING
C 3	3/8" TAPCONPLUS, 2.5" EMBED
	12" SPACING
C 4	3/8" HILTI KBTZ2, 3" EMBED
	12" SPACING
W 1	1/4" X 2.5" LAG SCREW
	12" SPACING
W 2	3/8" X 2.5" LAG SCREW
	12" SPACING
W 3	3/8" X 2.5" LAG SCREW
	6" SPACING



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REF DWG	USED ON	ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED WHOLE NUMBERS: $\pm .25$.X $\pm .1$.XX $\pm .03$.XXX $\pm .010$ ANGLES: $\pm 1^\circ$ HOLES: $\pm$	FINISH NONE UNIT OF MEASURE EACH	OVERHEAD DOOR DALLAS, TEXAS	NAME G FINERAN DATE 8/19/04 CHECKED BY: C BLUME 9/10/04 APPROVED BY: L KRUPKE 9/10/04	DRAWING TITLE: WINDLOAD, 790 CW, +/-22 PSF THRU +/-41 PSF DRAWING NUMBER D-220185 SCALE: NONE SHEET 1 OF 1
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