

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

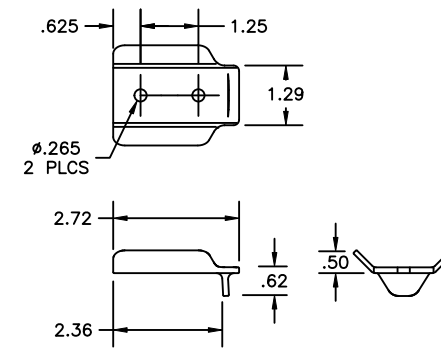
10. JAMB CONSTRUCTION AND DESIGN BY OTHERS. JAMBS MUST BE DESIGNED TO WITHSTAND THE MOMENT, NORMAL, AND PARALLEL FORCES IMPOSED BY THE DOOR AS LISTED BELOW:

GUIDE 1: NORMAL = 72 LBS/FT OF DOOR HEIGHT
 PARALLEL = 0 LBS/FT OF DOOR HEIGHT

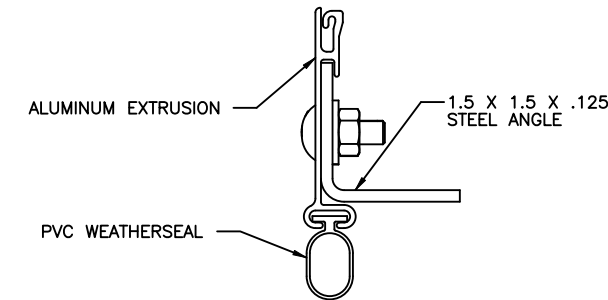
GUIDE 2: NORMAL = 144 LBS/FT OF DOOR HEIGHT
 PARALLEL = 0 LBS/FT OF DOOR HEIGHT

GUIDE 3: NORMAL = 180 LBS/FT OF DOOR HEIGHT
 PARALLEL = 125 LBS/FT OF DOOR HEIGHT

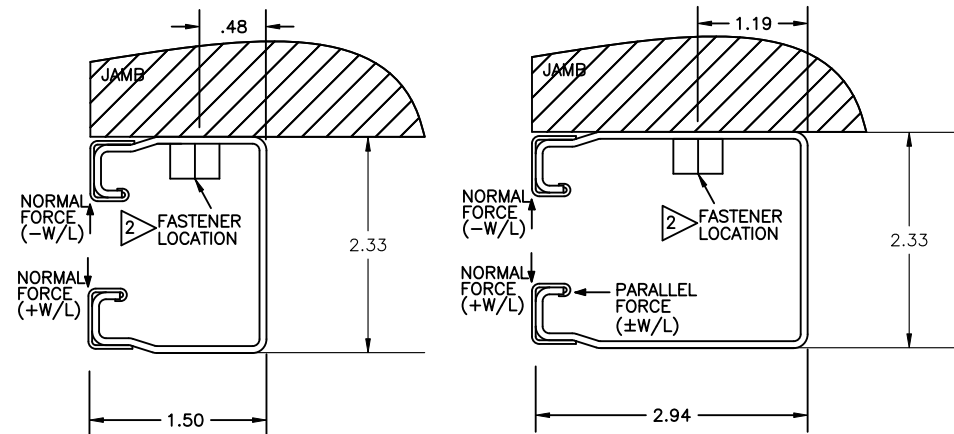
11. 1/4" GRADE 2 BOLTS SPACED 9" O.C. MAY BE USED IN LIEU OF SPOT WELDING.



WINDLOCK DETAIL
THREE WINDLOCKS PER FOOT HEIGHT
P/N 220130

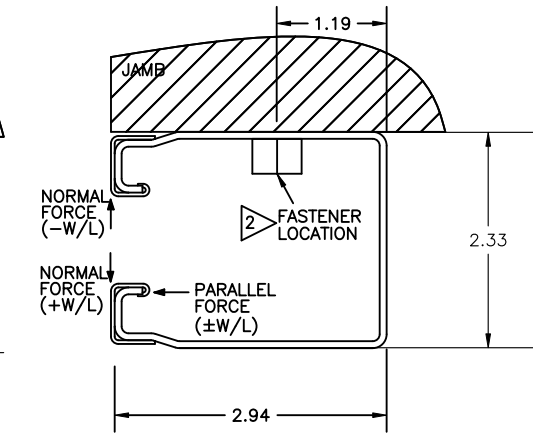


BOTTOM BAR DETAIL
P/N 220018



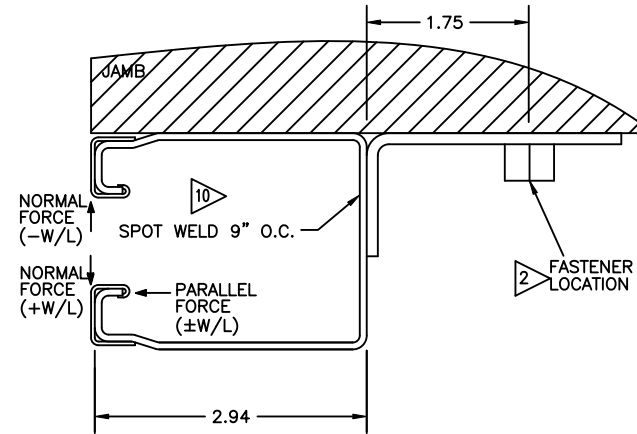
SECTION A-A GUIDE 1
(UP TO 4' WIDE)

SHALLOW GUIDE (18 GA) ASSY DETAIL
DWG# 220012
WINDLOCK NOT REQUIRED



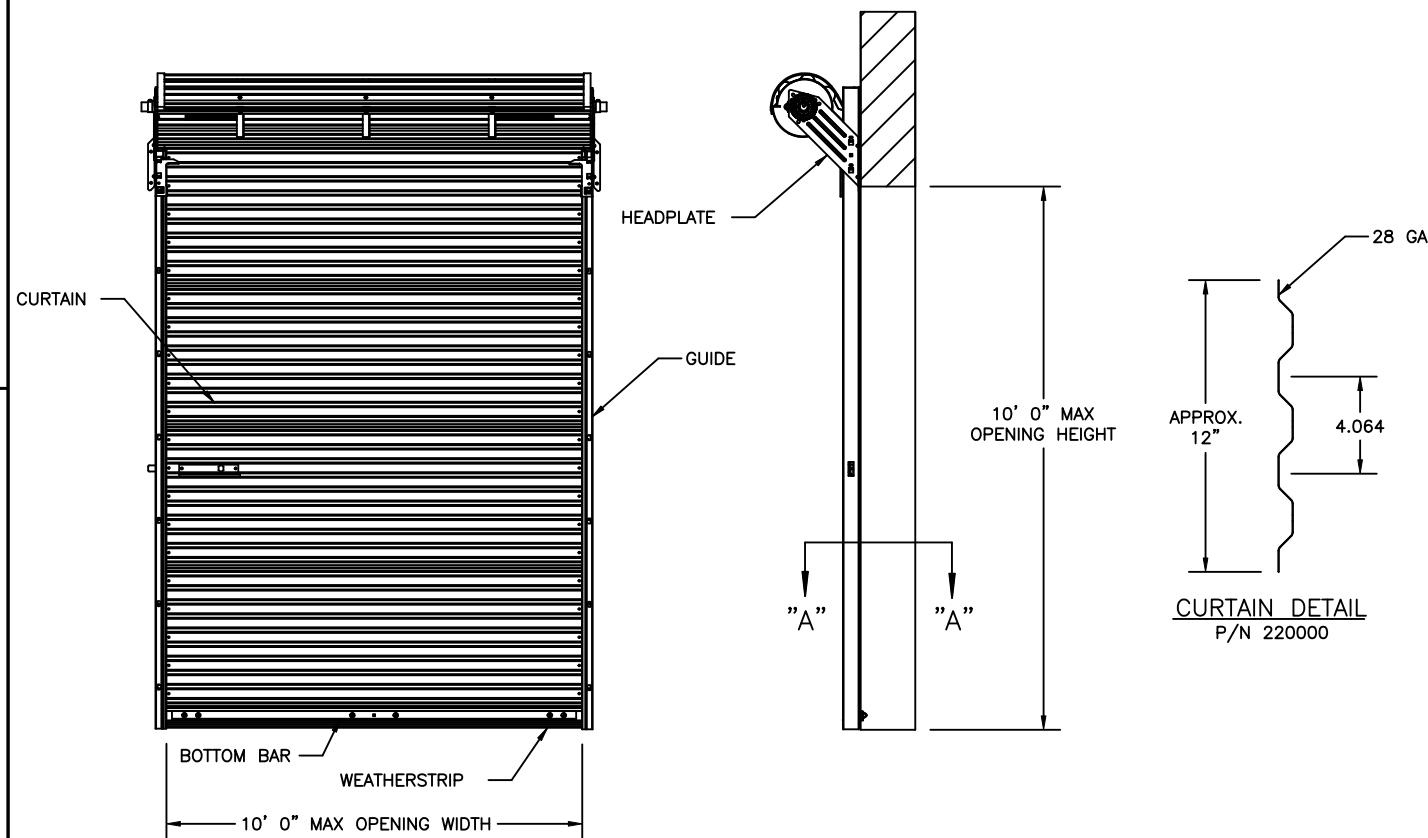
SECTION A-A GUIDE 2

(OVER 4' WIDE EXCEPT 10' WIDE, 36PSF, CONCRETE)
DEEP GUIDE (14 GA) ASSY DETAIL
DWG# 220080
WINDLOCK REQUIRED



SECTION A-A GUIDE 3

(10' WIDE, 36PSF CONCRETE ONLY)
DEEP GUIDE (14 GA) W/WALL ANGLE
(1.33 x 2.75 x 11 GA) ASSY DETAIL
DWG# 220080
WINDLOCK REQUIRED



CURTAIN DETAIL
P/N 220000

GUIDE 1 SPECIFICATIONS					
	JAMB TYPE	+20/ -20 PSF	+26/ -26 PSF	+31/ -31 PSF	+36/ -36 PSF
3 'WIDE	STEEL	S1	S1	S1	S1
	CONCRETE	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1
4 'WIDE	STEEL	S1	S1	S1	S2
	CONCRETE	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1

GUIDE 1 SPECIFICATIONS

GUIDE 2 SPECIFICATIONS					
	JAMB TYPE	+20/ -20 PSF	+26/ -26 PSF	+31/ -31PSF	+36/ -36 PSF
6'WIDE	STEEL	S1	S1	S2	S3
	CONCRETE	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1
8'WIDE	STEEL	S1	S3	S3	S4
	CONCRETE	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1
10'WIDE	STEEL	S2	S4	S4	S4
	CONCRETE	C1	C1	C1	C1
	WOOD	W1	W1	W1	W1

GUIDE 2 SPECIFICATIONS

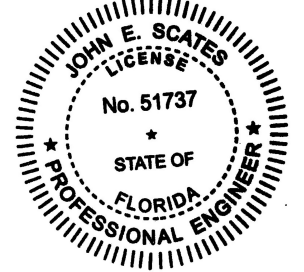
GUIDE 3 SPECIFICATIONS					
	JAMB TYPE	+20/- 20 PSF	+26/- 26 PSF	+31/- 31PSF	+36/- 36 PSF
10" WIDE	CONC SCREW	-	-	-	-
	CONC ANCHOR	-	-	-	C3

GUIDE 3 SPECIFICATIONS

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REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
502719	-	RELEASE FOR PRODUCTION	10/10/14	MS
503253	A	REVISE PER ER	4/11/16	TB
32997	B	REVISE PER PCR	2/10/23	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 # 17399

Digitally signed by John E Scates
Date: 2023.02.11 10:47:56 -05'00'

JAMB AND FASTENER DEFINITIONS	
S 1	1/ 4 "-20 TEKS SELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 18 GA THICK MIN.
S 2	1/ 4 "-20 TEKS SELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 16 GA THICK MIN.
S 3	1/ 4 "-20 TEKS SELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 14 GA THICK MIN.
S 4	1/ 4 "-20 TEKS SELF-DRILLING SCREW
	12" SPACING
	JAMB STEEL 12 GA THICK MIN.
C 1	1/ 4 " TAPCONPLUS, 1.75" EMBED
	12" SPACING
C 2	3/ 8 " TAPCONPLUS, 2.5" EMBED
	12" SPACING
C 3	3/ 8 " HILTI KBTZ2, 3" EMBED
	12" SPACING
W 1	1/ 4 " X 1.75" LAG SCREW
	12" SPACING