

NOTES

- DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BLDG CODE AND INTERNATIONAL BLDG CODE. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
- SPACING IS THE CENTER TO CENTER DIMENSION.
- INDICATES SLAT FREQUENCY IN WHICH WINDLOCKS OCCUR.
- DELETED.
- WALL ANGLES MAY BE WELDED TO STEEL JAMBS. APPLY PLUG WELDS IN THE WALL ANGLE SLOTS THE THICKNESS OF THE ANGLE OR FILLET WELD AT THE HEEL AND TOE OF THE WALL ANGLE 2" LONG AT EACH SPECIFIED BOLT LOCATION TO HOLD THE LOADS LISTED IN THE GUIDE TABLE.
- "E" GUIDE DOORS USE WALL BOLTS AS SPECIFIED IN TABLE.
- DELETED.
- GUIDE ANGLE MATERIAL MAY BE ASTM-A36 OR SS 304.
- SLAT MAY BE EITHER GALVANIZED, PAINTED OR STAINLESS STEEL.

10. THE ANCHOR USED TO ATTACH THE Z-GUIDE TO THE CONCRETE JAMB ARE FOR HILTI KBTZ2 (P/N 609420-XXXX) OR EQUIVALENT. THE MINIMUM JAMB CONSTRUCTION IS 6" THICK AND 3000PSI STRENGTH.

11. CHART OF WIND LOCK CLEARANCE

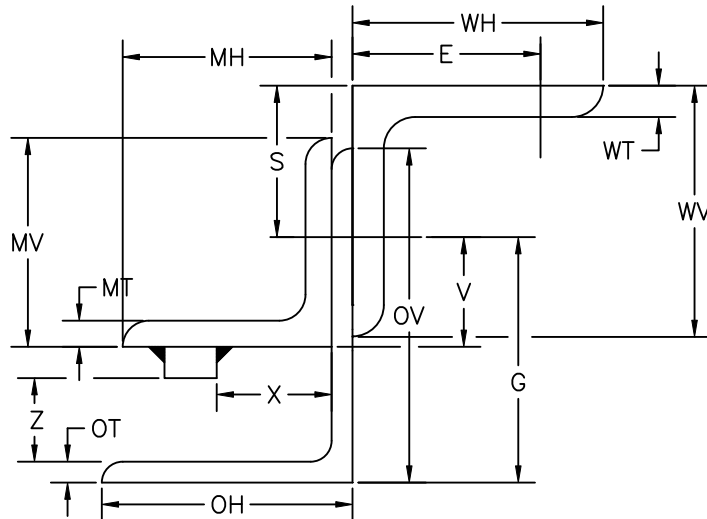
MAX OPENING WIDTH	CLEARANCE TENSILE
W < = 15'	5/8"
UP TO 20'	7/8"
UP TO 30'	1-3/8"
UP TO 40'	1-7/8"

PARALLEL FORCE: THE CATENARY FORCE OF THE CURTAIN APPLIED TO THE WINDBAR IN POUNDS PER FOOT OF HEIGHT.

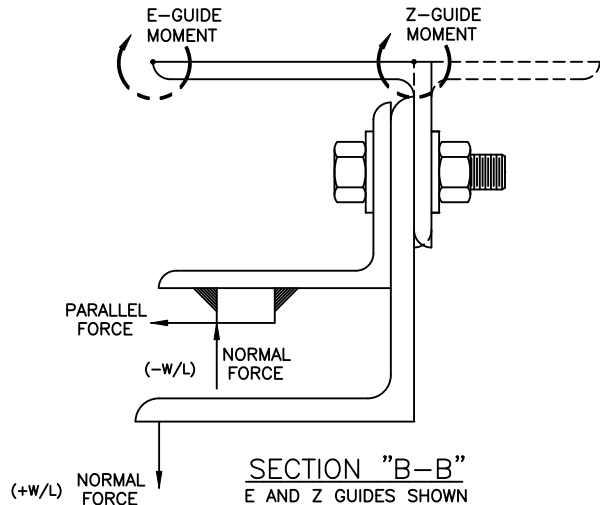
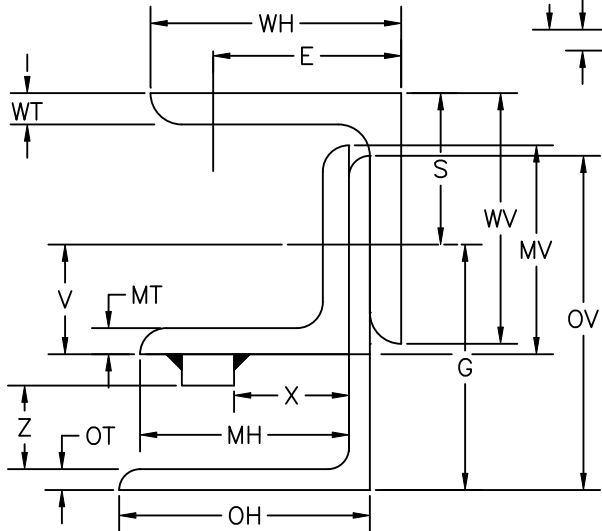
NORMAL FORCE: THE FORCE NORMAL TO THE DOOR OPENING IN POUNDS PER FOOT OF HEIGHT.

MOMENT: THE RESOLUTION OF THE PARALLEL & NORMAL FORCES TO A POINT CORRESPONDING TO THE HEEL OF THE WALL ANGLE IN INCH*POUNDS PER FOOT OF DOOR HEIGHT.

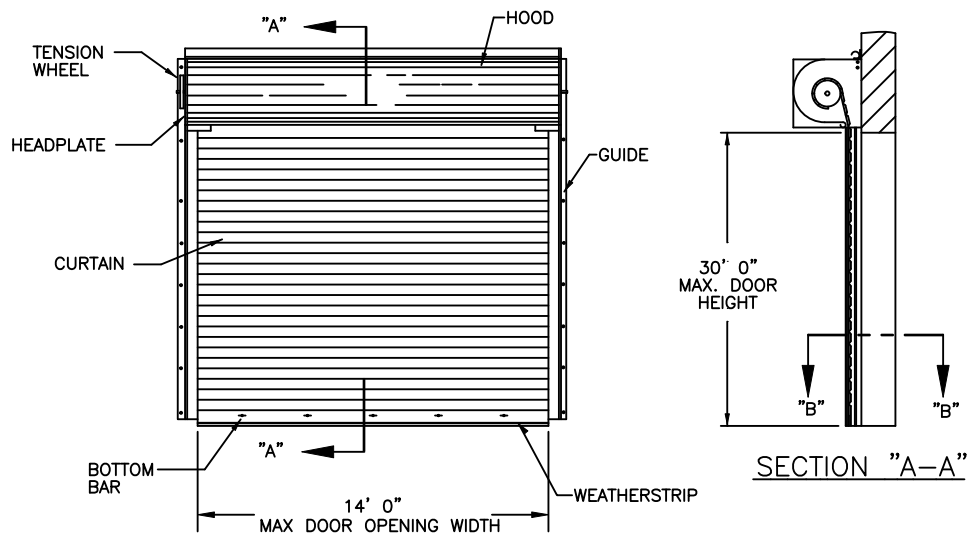
"Z"-GUIDE



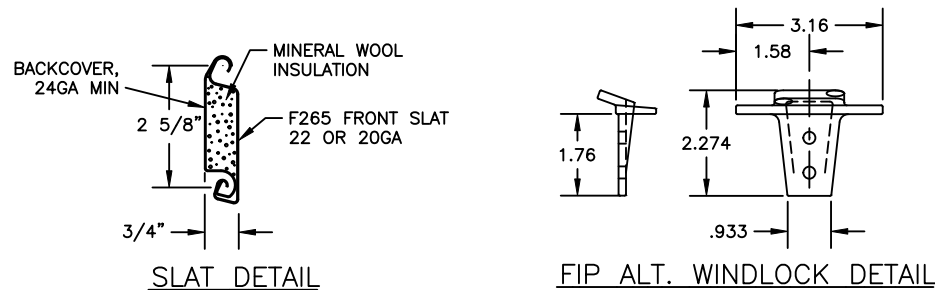
"E"-GUIDE



SECTION "B-B"
E AND Z GUIDES SHOWN



SECTION "A-A"

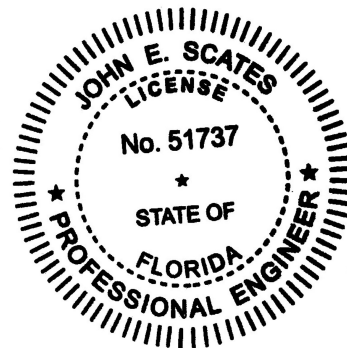


SLAT DETAIL

FIP ALT. WINDLOCK DETAIL

APPROVED UNDER FL# 11305

REVISIONS				
REV	DESCRIPTION	DATE	APPROVAL	
500883	A	REV PER ER		
503788	B	UPDATE NEW SUBMITTAL	9/29/17	DC
33148	C	FBC 2023 REVISION	10/10/23	TD



Digitally signed by John E Scates
Date: 2023.10.11 16:17:15 -05'00'

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		E-GUIDE				Z-GUIDE				NOTES
		WIND PRESSURE				WIND PRESSURE				
		26 PSF	31 PSF	36 PSF	41 PSF	26 PSF	31 PSF	36 PSF	41 PSF	
WALL HORIZONTAL	WH	4	4	4	4	3-1/2	3-1/2	3-1/2	3-1/2	
WALL VERTICAL	WV	3	3	3	3	3	3	3	3	
WALL THICKNESS	WT	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
MIDDLE HORIZONTAL	MH	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	
MIDDLE VERTICAL	MV	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	
MIDDLE THICKNESS	MT	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
OUTSIDE HORIZONTAL	OH	4	4	4	4	4	4	4	4	
OUTSIDE VERTICAL	OV	4	4	4	4	4	4	4	4	
OUTSIDE THICKNESS	OT	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
E	E	3-1/4	3-1/4	3-1/4	3-1/4	1-3/4	1-3/4	1-3/4	1-3/4	
S	S	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	
V	V	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8	
G	G	2-15/16	2-15/16	2-15/16	2-15/16	2-15/16	2-15/16	2-15/16	2-15/16	
X	X	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	
Z	Z	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	
WALL BOLT SIZE		1/2	1/2	1/2	1/2	3/8	3/8	3/8	1/2	
WALL BOLT GRADE		5	5	5	5	N/A	N/A	N/A	N/A	6
WALL BOLT EMBED		N/A	N/A	N/A	N/A	2-1/2	3-1/2	3-1/2	4	10
WALL BOLT SPACING		18	18	18	18	18	18	18	18	2
ASSEMBLY BOLT SIZE		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
ASSEMBLY BOLT GRADE		5	5	5	5	5	5	5	5	
ASSEMBLY BOLT SPACING		18	18	18	18	18	18	18	18	2
WINDLOCK FREQUENCY		2	2	2	2	2	2	2	2	3
MOMENT (IN*LBS/FT)		1016	1674	2331	2989	971	1620	2268	2917	
NORMAL (LBS/FT)		182	217	252	287	182	217	252	287	
PARALLEL (LBS/FT)		139	303	467	631	139	303	467	631	

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REF DWG	USED ON	 THIRD ANGLE PROJECTION ASME Y14.100 AND Y14.5 APPLY UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	 The Genuine. The Original. LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:		
			HOLE DIAMETER		UNIT OF MEASURE						
			UNDER .251 +.004/- .003							N/A	
			.251 TO .500 +.006/- .003								
			OVER .500 +.008/- .003								
			FRACTIONS								
			± 1/16								
			WHOLE NUMBERS:								N/A
.X ± .1											
.XX ± .03											
.XXX ± .010											
ANGLES: ± .5°											
</											