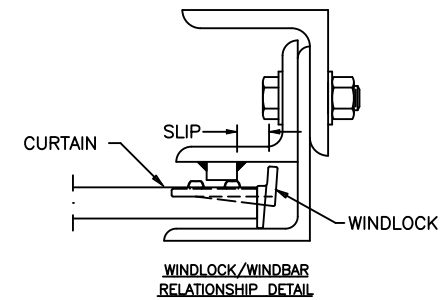


▷ NOTES

1. 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.
2. SPACING IS THE CENTER TO CENTER DIMENSION.
3. INDICATES SLAT FREQUENCY IN WHICH WINDLOCKS OCCUR.
4. 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.
5. "E" GUIDE DOORS HAVE THREE WALL FASTENER LENGTHS, THEY ARE:
 - 3/8" DIA(GRADE 2) = 1" LONG WALL BOLT
 - 3/8" DIA(GRADE 5) = 1-1/2" LONG WALL BOLT
 - 1/2" DIA = 1-1/2" LONG WALL BOLT

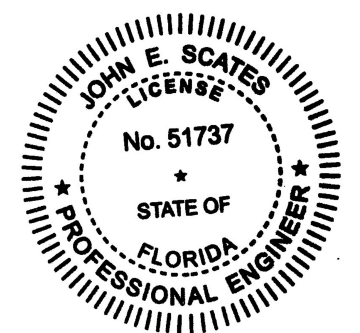
7. ASTM-A36 GUIDE ANGLE MATERIAL.
8. DOORS AT 6'-9" WIDE WILL HAVE NO WINDBAR.
9. REFERENCE F-265 SLAT DRAWING 307210.
10. DOOR OPENINGS 18'-4" AND LESS USE 22GA SLATS
DOOR OPENINGS OVER 18'-4" USE 20GA SLATS
11. THE ANCHOR USED TO ATTACH THE Z-GUIDE TO THE CONCRETE JAMB ARE FOR HILTI KBTZ2 (P/N 609420-XXXX) OR EQUIVALENT. THE JAMB MINIMUM STRENGTH AND THICKNESS TO SUPPORT THE ANCHOR MUST SATISFY THE TABLE:

ANCHOR DIAMETER	ANCHOR EMBEDMENT	CONCRETE STRENGTH	CONCRETE THICKNESS
3/8"	ALL	3000PSI MIN	6" MIN
1/2"	4" MIN	3000PSI MIN	7.5" MIN
1/2"	5" MIN	3000PSI MIN	9" MIN
5/8"	5-1/2" MIN	4000PSI MIN	9" MIN
5/8"	6" MIN	4000PSI MIN	12" MIN

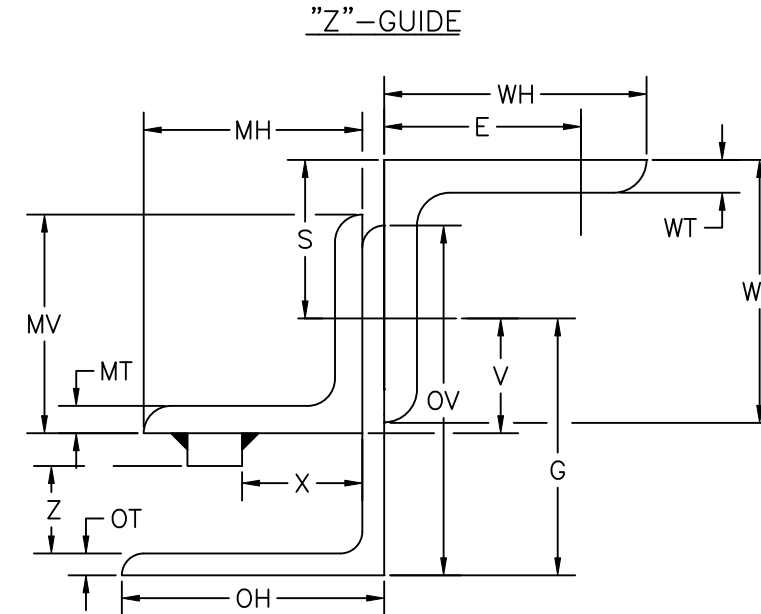
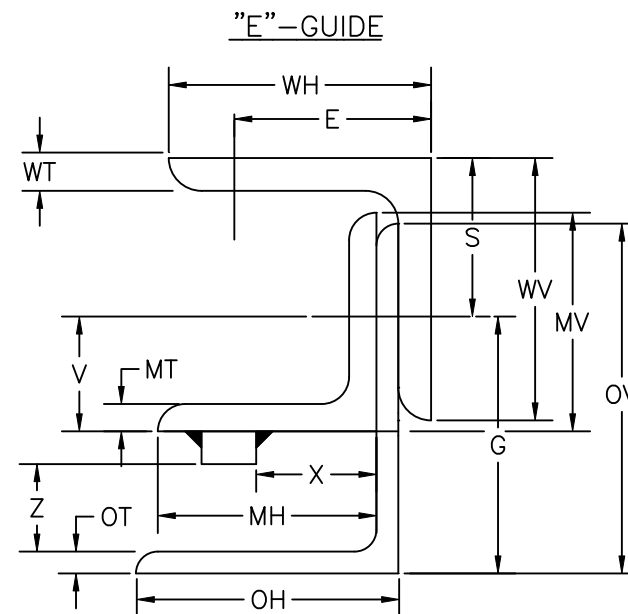
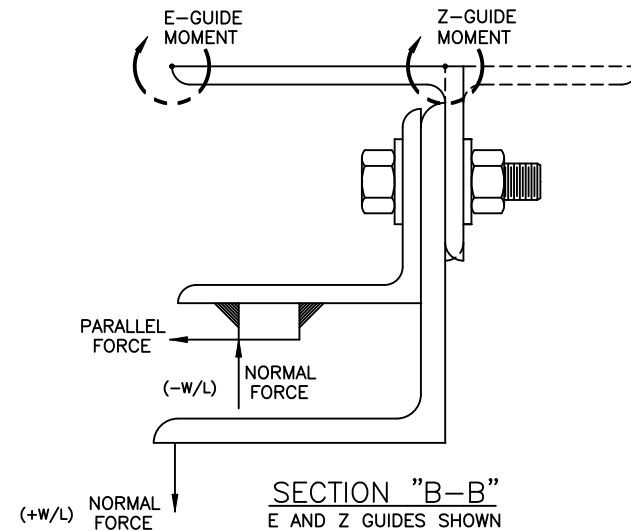


REVISIONS						
EN/ER	REV	DESCRIPTION			DATE	APPROVAL
500149	J	REVISE	PER	ER	6/23/09	MS
500341	K	REVISE	PER	ER	2/17/10	MS
32728	L	REVISE	PER	PCR	10/19/22	DG

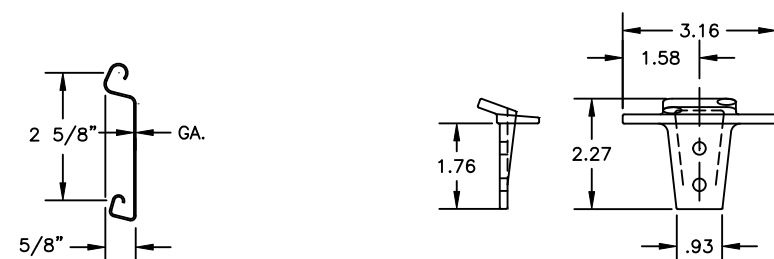
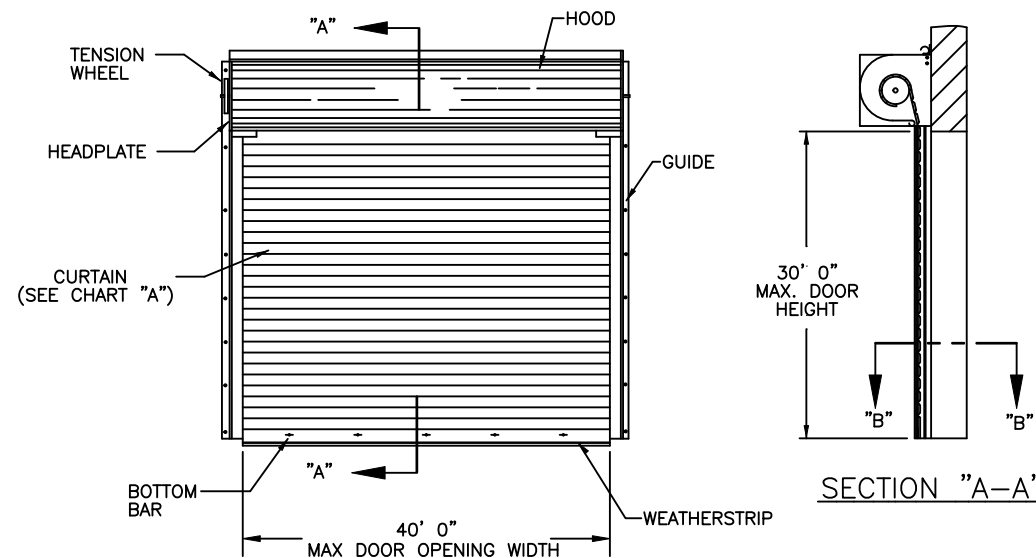
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JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL. PE 51737/TX PE 56308/F-2203



Digitally signed by John E Scates
Date: 2023.09.26 17:36:55 -05'00'



SLAT DETAIL

F-265 ALT. WINDLOCK DETAIL

		E-GUIDE								Z-GUIDE						NOTES	
		WIND PRESSURE								WIND PRESSURE							
DOOR OPENING WIDTH		6'-9"	12'-4"	15'	20'	25'	30'	35'	40'	11'-2"	15'	20'	25'	30'	35'	40'	
WALL HORIZONTAL	WH	2-1/2	3	3-1/2	3-1/2	4	4	4	4	2-1/2	3-1/2	3-1/2	4	4	4	4	
WALL VERTICAL	WV	3	3	2-1/2	3	3	3	3	3	3	2-1/2	3	3	3	3	3	
WALL THICKNESS	WT	3/16	3/16	1/4	1/4	5/16	5/16	3/8	3/8	3/16	1/4	1/4	5/16	5/16	3/8	3/8	
MIDDLE HORIZONTAL	MH	2	2-1/2	3	3	3-1/2	3-1/2	3-1/2	3-1/2	2-1/2	3	3	3-1/2	3-1/2	3-1/2	3-1/2	
MIDDLE VERTICAL	MV	2	2	3	2	2-1/2	2-1/2	2-1/2	2-1/2	2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	
MIDDLE THICKNESS	MT	3/16	3/16	3/16	3/16	1/4	1/4	5/16	5/16	3/16	3/16	3/16	1/4	1/4	5/16	5/16	
OUTSIDE HORIZONTAL	OH	2-1/2	3	3-1/2	3-1/2	4	4	4	4	3	3-1/2	3-1/2	4	4	4	4	
OUTSIDE VERTICAL	OV	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
OUTSIDE THICKNESS	OT	3/16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
E		1-3/4	2-1/4	2-1/4	2-1/4	2-1/2	2-1/2	2-1/2	2-1/2	1-1/2	2-1/2	2-3/4	3-1/4	3-1/4	3-1/4	3-1/4	
S		2-1/4	1-5/8	1-13/16	1-13/16	1-13/16	1-13/16	1-7/8	1-7/8	1-5/8	1-13/16	1-13/16	1-13/16	1-13/16	1-7/8	1-7/8	
V		15/16	1-3/16	1-1/4	1-1/4	1-1/4	1-1/4	1-5/16	1-5/16	1-3/16	1-1/4	1-1/4	1-1/4	1-1/4	1-5/16	1-5/16	
G		2-1/4	2-3/4	2-13/16	2-13/16	2-13/16	2-13/16	2-7/8	2-7/8	2-3/4	2-13/16	2-13/16	2-13/16	2-7/8	2-7/8	2-7/8	
X		NONE	1-1/8	1-1/4	2-1/8	2-1/4	2-1/2	2-1/2	2-1/2	1-1/8	1-1/4	2-1/8	2-1/4	2-1/2	2-1/2	2-1/2	
Z		NONE	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	15/16	
SLIP		NONE	1/2	5/8	1-1/2	1-3/4	2	2	2	1/2	5/8	1-1/2	1-3/4	2	2	2	
WALL BOLT SIZE		3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	3/8	3/8	3/8	1/2	1/2	1/2	1/2	
WALL BOLT GRADE		2	2	2	2	2	5	5	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6
WALL BOLT EMBED		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2-1/2	3-1/2	3-1/2	3	4	5	5	12
WALL BOLT SPACING		36	18	15	18	18	18	18	15	18	18	12	12	12	12	11	2
ASSEMBLY BOLT SIZE		3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	3/8	3/8	1/2	1/2	1/2	1/2	1/2	
ASSEMBLY BOLT GRADE		2	2	5	2	2	5	5	5	2	5	5	5	5	5	5	
ASSEMBLY BOLT SPACING		36	18	15	18	12	18	13	10	18	18	18	18	18	15	11	2
WINDLOCK FREQUENCY		0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
MOMENT (IN*LBS/FT)		228	1667	2769	3470	4930	6340	8234	9996	1201	2720	3405	4828	6218	8063	9801	
NORMAL (LBS/FT)		88	160	195	260	325	390	455	520	145	195	260	325	390	455	520	
PARALLEL (LBS/FT)		0	413	671	764	1109	1426	1832	2258	286	671	764	1109	1426	1832	2258	

		 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS $\pm 1/16"$	FINISH N/A	 the original since 1918®	DALLAS, TEXAS	NAME NAME	DATE DATE	DRAWING TITLE: WINDLOAD, 610/611/620/621,F-265, +26/-26 PSF (DESIGN) DRAWING NUMBER D- 308092
							DRAWN BY: K. WOLFF	11/19/02	
							CHECKED BY: JD FAW	1/24/03	
REF DWG	USED ON						APPROVED BY: DM WELLS	1/24/03	
				UNIT OF MEASURE N/A	MATERIAL: N/A			SCALE: N/A	SHEET 1 OF 1