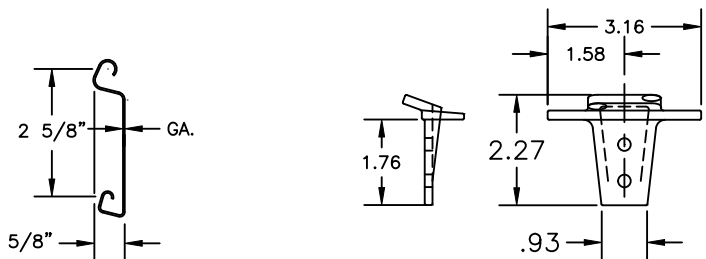
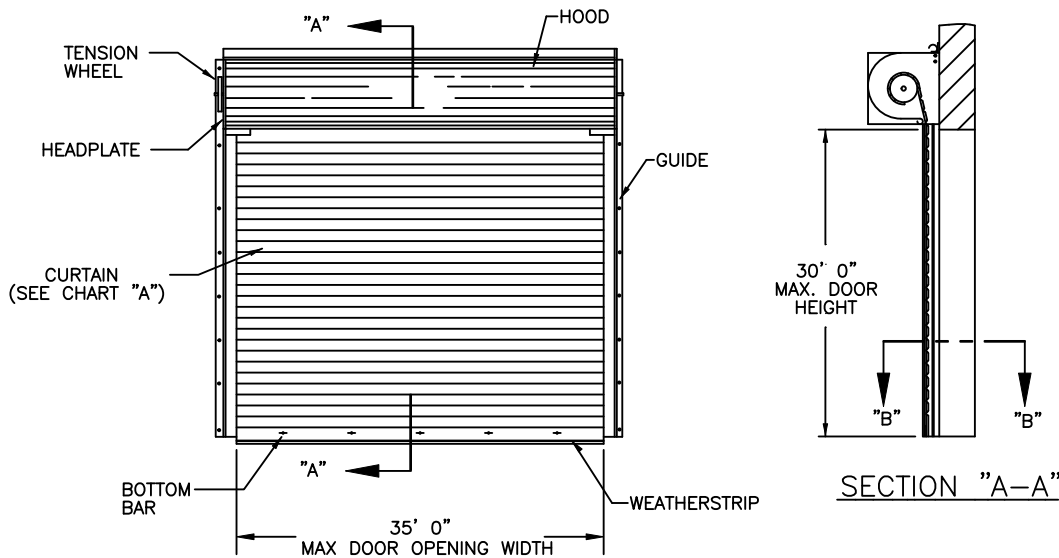
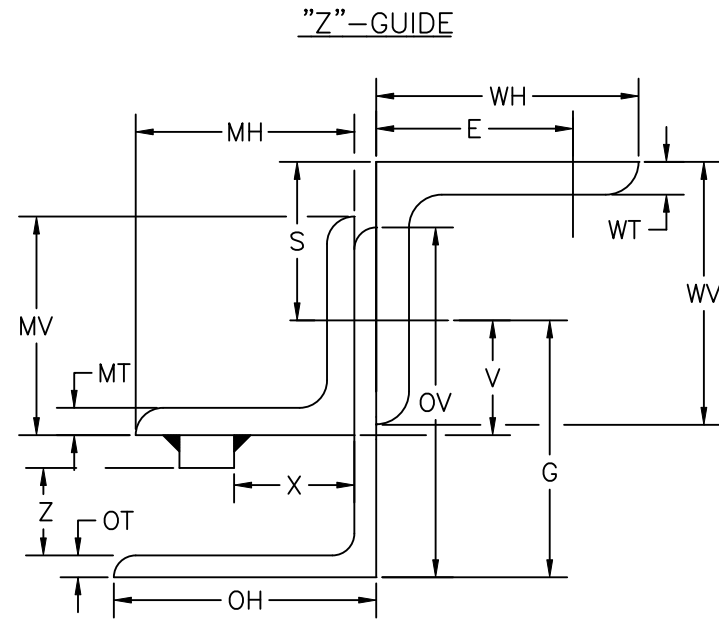
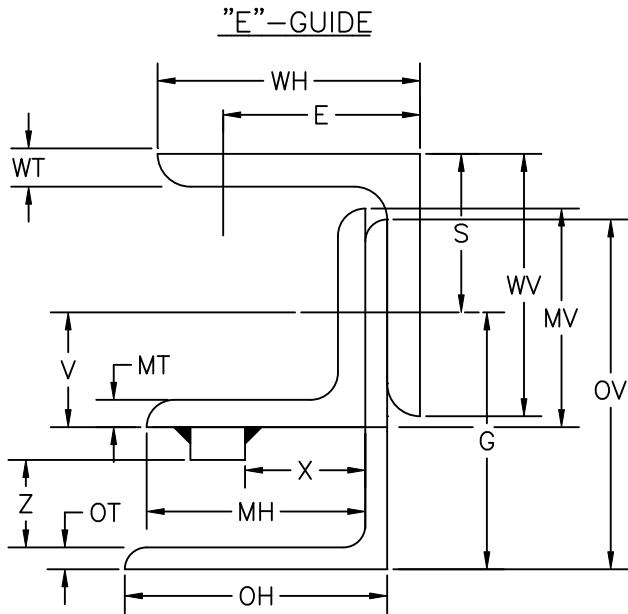
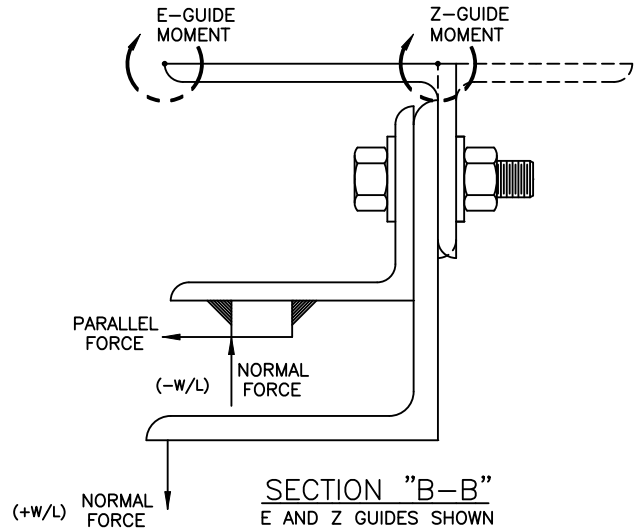
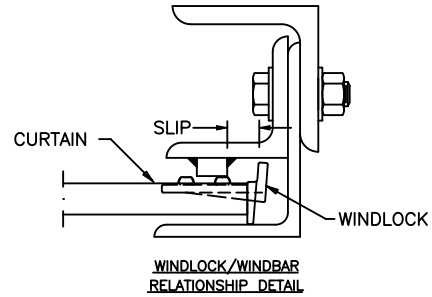


NOTES

- 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.
- 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 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
- IMPACT RATED DOORS TO BE CONSTRUCTED ACCORDING TO COLUMNS LABELED "IMPACT" AND ARE LIMITED TO THE WIDTHS INDICATED. IMPACT TESTING CONDUCTED IN ACCORDANCE TO TAS 201/203.

- ASTM-A36 GUIDE ANGLE MATERIAL.
- DOORS AT 5'-0" WIDE WILL HAVE NO WINDBAR.
- REFERENCE F-265 SLAT DRAWING 307210.
- DOOR OPENINGS 18'-4" AND LESS USE 22GA SLATS
DOOR OPENINGS OVER 18'-4" USE 20GA SLATS
- THE ANCHOR USED TO ATTACH THE Z-GUIDE TO THE CONCRETE JAMB ARE FOR HILTI KBT22 (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



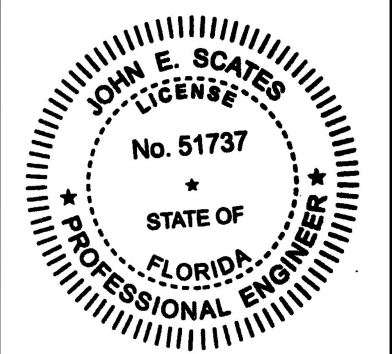
F-265 ALT. WINDLOCK DETAIL

		E-GUIDE								Z-GUIDE								NOTES
		WIND PRESSURE								WIND PRESSURE								
DOOR OPENING WIDTH		5'-0"	9'	15'	20'	25'	30'	35'	16' IMPACT	7'-6"	15'	20'	25'	30'	35'	16' IMPACT		
WALL HORIZONTAL	WH	2-1/2	3	3-1/2	3-1/2	4	4	4	3-1/2	2-1/2	3-1/2	3-1/2	4	5	5	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	5/16	3/8	1/2	1/2	1/2	3/8	3/16	5/16	3/8	1/2	1/2	1/2	3/8		
MIDDLE HORIZONTAL	MH	2	2-1/2	3	3	3-1/2	3-1/2	3-1/2	3	2-1/2	3	3	3-1/2	3-1/2	3-1/2	3		
MIDDLE VERTICAL	MV	2	2	2	2	2-1/2	2-1/2	2-1/2	2	2	2	2	2-1/2	2-1/2	2-1/2	2		
MIDDLE THICKNESS	MT	3/16	3/16	1/4	5/16	5/16	3/8	3/8	5/16	3/16	1/4	5/16	5/16	3/8	3/8	5/16		
OUTSIDE HORIZONTAL	OH	2-1/2	3	3-1/2	3-1/2	4	4	4	3-1/2	3	3-1/2	3-1/2	4	4	4	3-1/2		
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	5/16	1/4	1/4	1/4	1/4	1/4	1/4	5/16	1/4		
E	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	2-3/4	2-3/4	3-1/4	4-1/4	4-1/4	3-1/4		
S	S	2-1/4	1-5/8	1-13/16	1-7/8	2-1/16	2-1/16	2	1-13/16	1-5/8	1-13/16	1-7/8	2-1/16	2-1/16	2	1-13/16		
V	V	15/16	1-3/16	1-1/4	1-5/16	1-3/8	1-3/8	1-3/8	1-3/8	1-3/16	1-1/4	1-5/16	1-3/8	1-3/8	1-3/8	1-3/8		
G	G	2-1/4	2-3/4	2-13/16	2-7/8	2-15/16	2-15/16	3	2-7/8	2-3/4	2-13/16	2-7/8	2-15/16	2-15/16	3	2-7/8		
X	X	NONE	1-1/8	1-1/4	2-1/8	2-1/4	2-1/2	2-1/2	1-1/2	1-1/8	1-1/4	2-1/8	2-1/4	2-1/2	2-1/2	1-1/2		
Z	Z	NONE	15/16	15/16	15/16	15/16	15/16	15/16	7/8	15/16	15/16	15/16	15/16	15/16	15/16	7/8		
SLIP		NONE	1/2	5/8	1-1/2	1-3/4	2	2	7/8	1/2	5/8	1-1/2	1-3/4	2	2	7/8		
WALL BOLT SIZE		3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	3/8	1/2	1/2	1/2	5/8	N/A	1/2		
WALL BOLT GRADE		2	2	5	5	5	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	4	4	5	6	N/A	4	12	
WALL BOLT SPACING		36	16	18	15	13	10	9	12	18	12	12	11	9	N/A	9	2	
ASSEMBLY BOLT SIZE		3/8	3/8	1/2	1/2	5/8	5/8	5/8	1/2	3/8	1/2	1/2	5/8	5/8	5/8	1/2		
ASSEMBLY BOLT GRADE		2	2	5	5	5	5	5	5	2	5	5	5	5	5	5		
ASSEMBLY BOLT SPACING		36	18	12	12	13	10	8	11	18	15	12	15	12	10	11	2	
WINDLOCK FREQUENCY		0	2	2	2	2	1	1	1	2	2	2	2	1	1	1	3	
MOMENT (IN*LBS/FT)		324	2116	6211	7542	10822	13657	16871	6296	1146	6094	7354	10510	13152	16434	6146		
NORMAL (LBS/FT)		125	225	375	500	625	750	875	400	188	375	500	625	750	875	400		
PARALLEL (LBS/FT)		0	509	1541	1643	2244	2820	3580	1459	242	1541	1643	2244	2820	3580	1459		

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 FRACTIONS ± 1/16"	FINISH N/A	UNIT OF MEASURE N/A	MATERIAL: N/A	NAME K. WOLFF	DATE 11/19/02	DRAWING TITLE: WINDLOAD, 610/611/620/621 F-265, +50/-50 PSF (DESIGN)
							CHECKED BY: JD FAW	1/24/03	DRAWING NUMBER D-308096
							APPROVED BY: DM WELLS	1/24/03	SCALE: N/A SHEET 1 OF 1

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 17:34:19 -05'00'