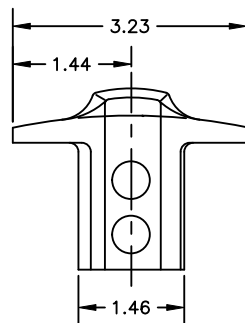
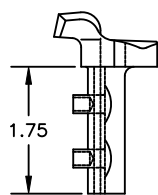
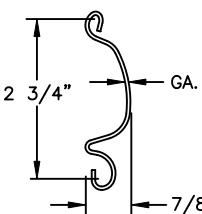
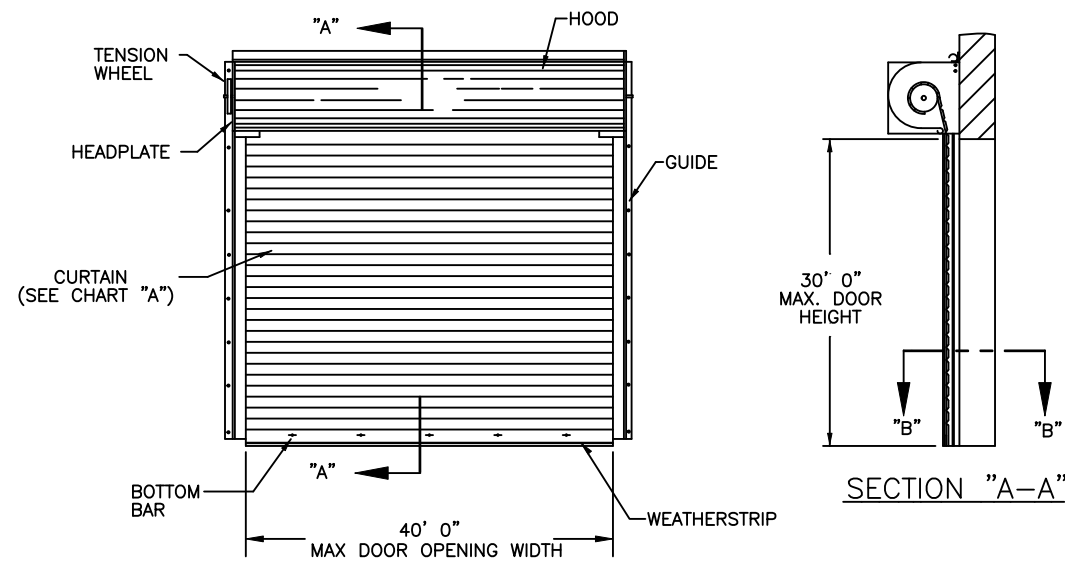
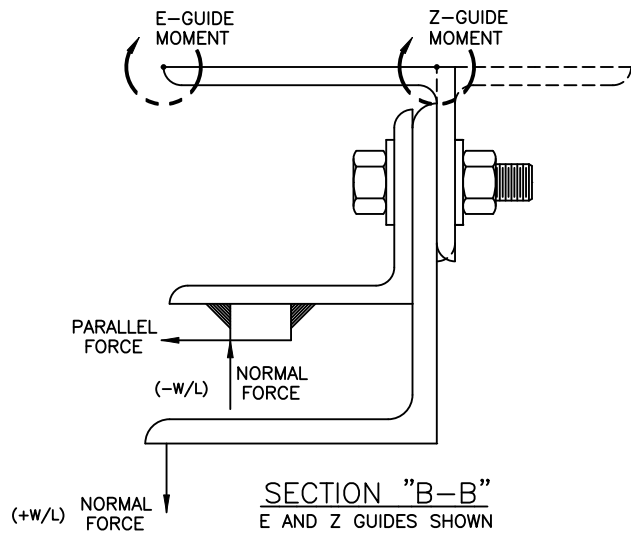
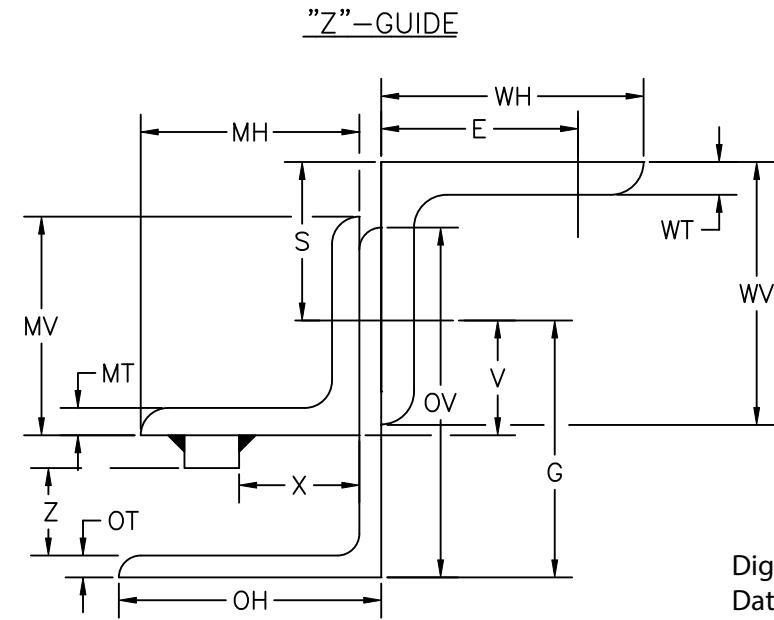
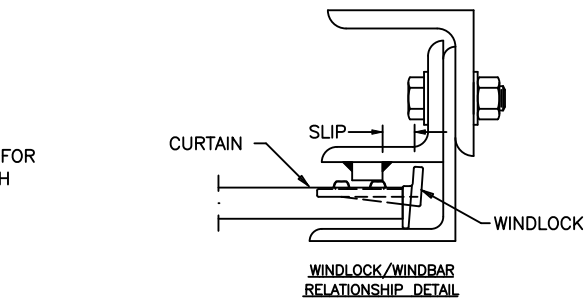
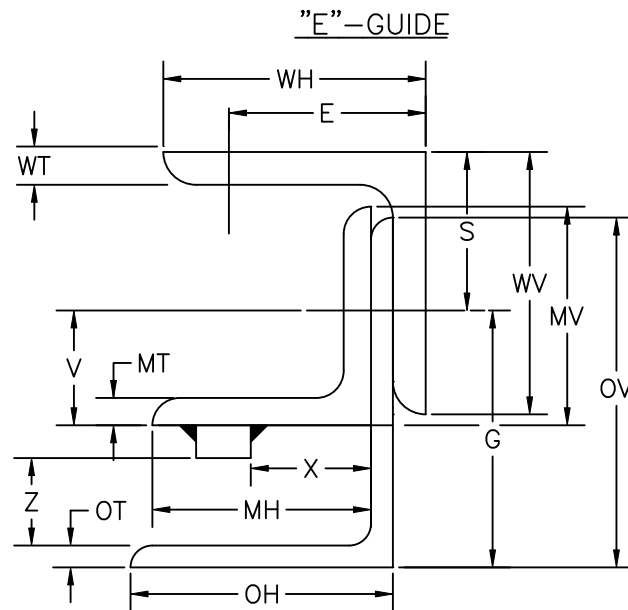


- NOTES
- DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BLDG CODE AND INTERNATIONAL BLDG CODE. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
 - SPACING IS THE CENTER TO CENTER DIMENSION.
 - INDICATES SLAT FREQUENCY IN WHICH WINDLOCKS OCCUR.
 - WALL ANGLES 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



- ASTM-A36 GUIDE ANGLE MATERIAL.
- DOORS AT 6'-4" WIDE WILL HAVE NO WINDBAR.
- REFERENCE C-275 SLAT DRAWING 3086140.
- 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:

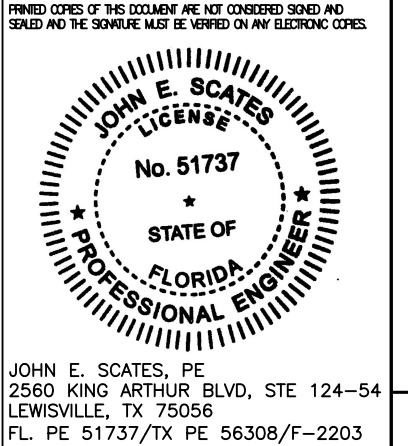
ANCHOR DIAMETER	ANCHOR EMBEDMENT	CONCRETE STRENGTH	CONCRETE THICKNESS
3/8"	All	3000PSI MIN	6" MIN
1/2"	4" MIN	3000PSI MIN	7.5" MIN
1/2"	5" MIN	3000PSI MIN	9" MIN
5/8"	5-1/2" MIN	4000PSI MIN	9" MIN
5/8"	6" MIN	4000PSI MIN	12" MIN



		E-GUIDE								Z-GUIDE							NOTES
		WIND PRESSURE								WIND PRESSURE							
DOOR OPENING WIDTH		6'-4"	11'-3"	15'	20'	25'	30'	35'	40'	10'-3"	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	5	
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	5/16	5/16	3/8	3/8	1/2	3/16	1/4	5/16	5/16	3/8	3/8	1/2	
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	2	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	1/4	1/4	5/16	5/16	3/8	3/16	3/16	1/4	1/4	5/16	5/16	3/8	
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	5/16	1/4	1/4	1/4	1/4	1/4	1/4	5/16	
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	3-1/4	3-1/4	4-1/4	
S	S	2-1/4	1-5/8	1-13/16	1-13/16	1-13/16	1-13/16	1-13/16	2	1-5/8	1-13/16	1-13/16	1-13/16	1-13/16	1-13/16	2	
V	V	15/16	1-3/16	1-1/4	1-1/4	1-1/4	1-5/16	1-5/16	1-3/8	1-3/16	1-1/4	1-1/4	1-1/4	1-5/16	1-5/16	1-3/8	
G	G	2-1/4	2-7/8	2-15/16	2-15/16	2-15/16	3	3	3-1/8	2-7/8	2-15/16	2-15/16	2-15/16	3	3	3-1/8	
X	X	NONE	1-3/8	1-1/2	2-3/8	2-1/2	2-3/4	2-3/4	2-3/4	1-3/8	1-1/2	2-3/8	2-1/2	2-3/4	2-3/4	2-3/4	
Z	Z	NONE	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	1-1/16	
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	1/2	1/2	1/2	1/2	5/8	
WALL BOLT GRADE		2	2	5	2	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	3-1/2	4	4	5	5	5-1/2	12
WALL BOLT SPACING		36	18	18	18	18	18	15	12	18	16	12	12	12	11	10	2
ASSEMBLY BOLT SIZE		3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	
ASSEMBLY BOLT GRADE		2	2	5	5	5	5	5	5	2	5	5	5	5	5	5	
ASSEMBLY BOLT SPACING		36	18	13	16	18	12	10	10	18	15	18	18	12	11	10	2
WINDLOCK FREQUENCY		0	2	2	2	2	2	2	1	2	2	2	2	2	2	1	3
MOMENT (IN*LBS/FT)		255	1301	3313	4207	5957	7799	9807	12687	813	3254	4110	5836	7625	9604	12377	
NORMAL (LBS/FT)		98	174	233	310	388	465	543	620	159	233	310	388	465	543	620	
PARALLEL (LBS/FT)		0	275	786	903	1317	1697	2182	2691	143	786	903	1317	1697	2182	2691	

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, C-275, +31/-31 PSF (DESIGN)
							CHECKED BY: JD FAW	1/24/03	DRAWING NUMBER D-308088
							APPROVED BY: DM WELLS	1/24/03	SCALE: N/A SHEET 1 OF 1

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



Digitally signed by John E Scates
Date: 2023.09.26 17:39:52 -05'00'