

- 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.
 - FILLET WELD BOTH SIDES OF WALL ANGLE TO JAMB. FILLET SIZE TO BE EQUAL TO ANGLE THICKNESS, 2" LONG. SPACING TO BE 12" O.C.

- ALL WALL BOLTS
 - STEEL JAMB: 3/8" DIA GR. 2, SEE CHART "A" FOR SPACING
 - CONCRETE JAMB: 3/8" POWERS POWER BOLT WITH 3" EMBED, IN 3000PSI CONCRETE, P/N 608728-XXXX, SEE CHART "A" FOR SPACING
 - WOOD JAMB: 3/8" X 3" LAGS W/ STANDARD 3/8" WASHER UNDER HEAD. SEE CHART "B" FOR SPACING.
- .070 THICK ROLLED GUIDE.
- SPOT WELD ROLLED GUIDE TO WALL ANGLE 6" O.C. FOR WINDLOADS OVER 20 PSF.

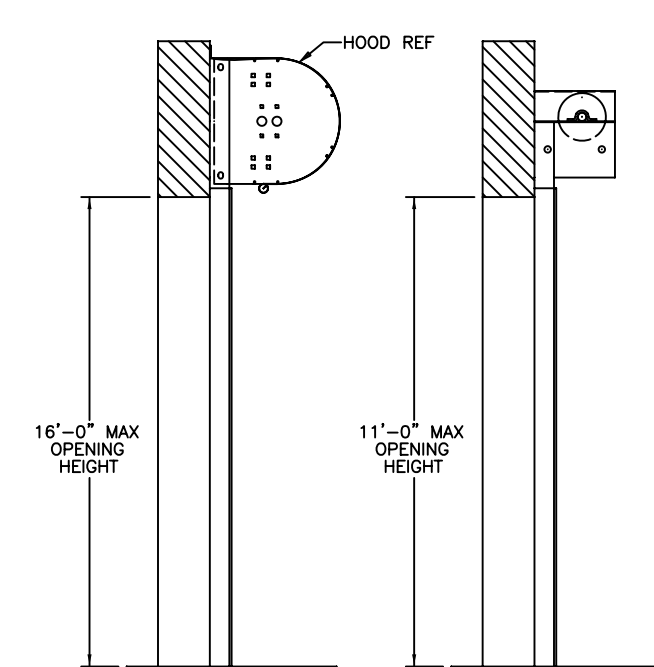
REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
20667	C	REV PER EN	4/1/04	CCB
20860	D	REV PER EN	3/31/08	MS
500149	E	REVISE PER ER		

D

C

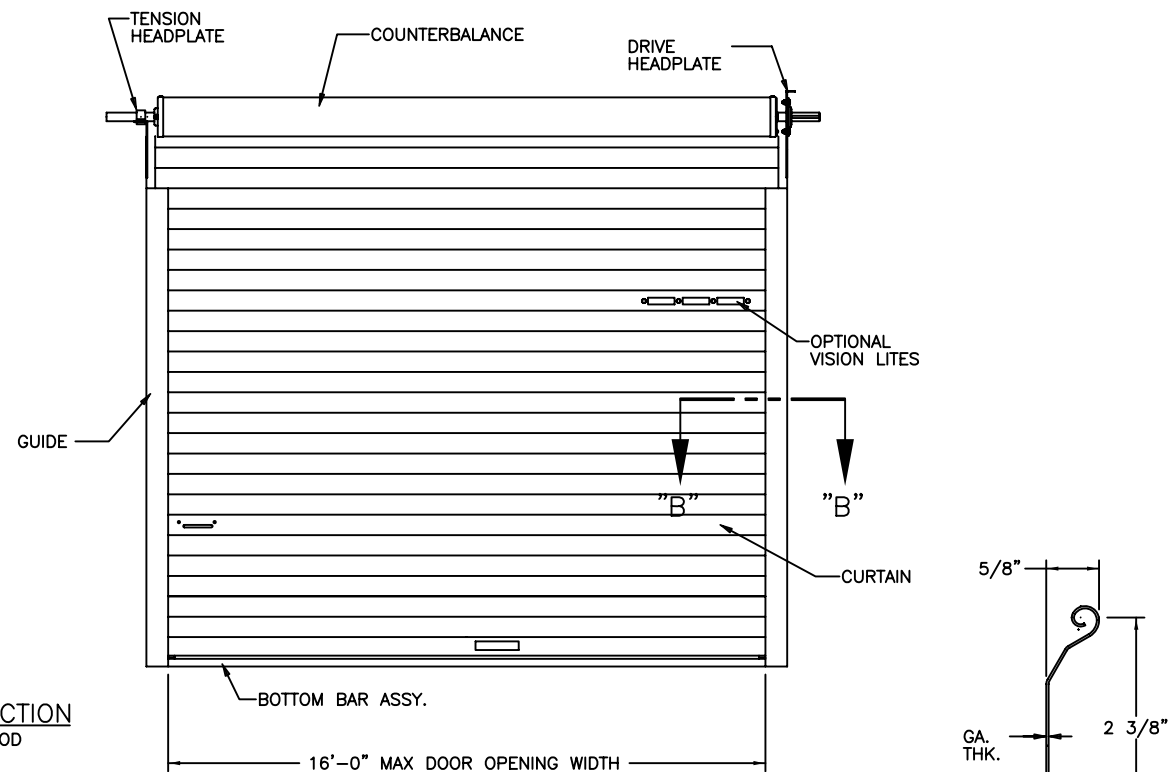
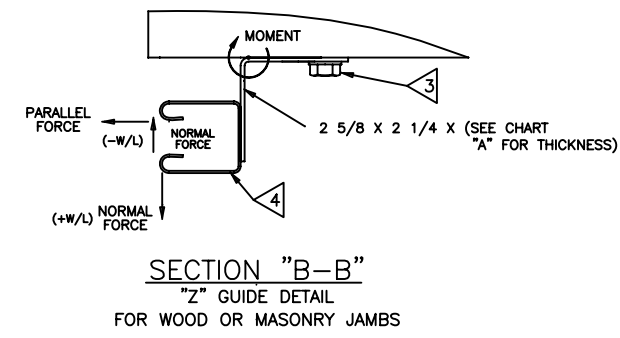
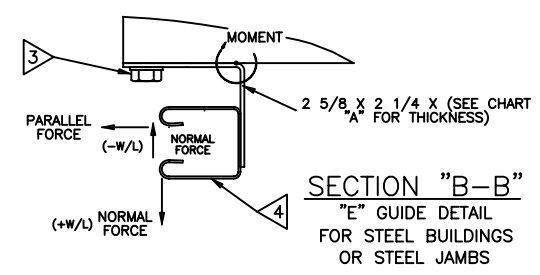
B

A

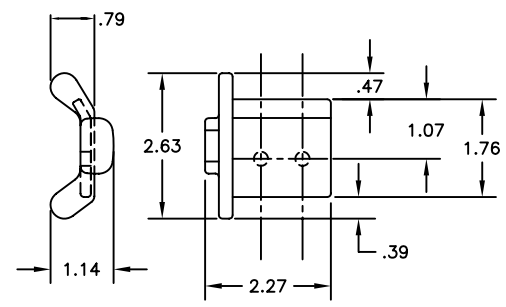


ALTERNATE CONSTRUCTION WITH COIL-AWAY HOOD OR 11'-0" AND OVER, UP TO 16'-0" HIGH

STANDARD CONSTRUCTION WITHOUT COIL-AWAY HOOD UP TO 11'-0" HIGH



SLAT DETAIL P/N 086399-XXXX



COIL-AWAY WINDLOCK DETAIL WINDLOCK FREQUENCY-ALTERNATE SLATS. P/N 308043-XXXX

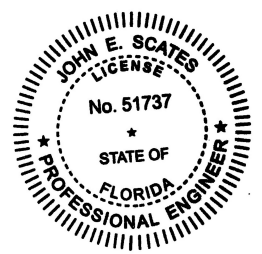
DOOR WIDTH	CHART "B" WOOD JAMB LAG SPACING				
	41/61.5 PSF	36/54 PSF	31/46.5 PSF	26/39 PSF	20/30 PSF
8'	8	10	12	12	12
10'	-	6	7	10	12
12'	-	-	-	6	9
14'	-	-	-	-	6
16'	-	-	-	-	-

CHART "A"						
DOOR OPENING WIDTH	LOADS *	24 GA. COIL-AWAY SLAT - DOOR SIZE REF. SUMMARY - (DESIGN PSF)				
		+41/-41 PSF	+36/-36 PSF	+31/-31 PSF	+26/-26 PSF	+20/-20 PSF
8'	MOMENT	738	595	457	320	155
	NORMAL	164	144	124	104	80
	PARALLEL	308	236	164	92	6
	ANGLE THK	0.120	0.085	0.085	0.085	0.085
	WB SPACING	12	12	12	12	12
10'	MOMENT	1178	992	806	615	392
	NORMAL	205	180	155	130	100
	PARALLEL	568	468	368	269	149
	ANGLE THK	0.120	0.120	0.120	0.085	0.085
	WB SPACING	12	12	12	12	12
12'	MOMENT	N/A	1405	1162	923	633
	NORMAL		216	186	156	120
	PARALLEL		712	582	451	295
	ANGLE THK		0.140	0.120	0.120	0.085
	WB SPACING		12	12	12	12
14'	MOMENT	N/A	N/A	1588	1289	936
	NORMAL			217	182	140
	PARALLEL			842	678	481
	ANGLE THK			0.140	0.120	0.120
	WB SPACING			10	12	12
16'	MOMENT	N/A	N/A	N/A	1660	1231
	NORMAL				208	160
	PARALLEL				905	665
	ANGLE THK				0.140	0.120
	WB SPACING				9	12

DOOR OPENING WIDTH	LOADS *	26 GA. COIL-AWAY SLAT - DOOR SIZE REF. SUMMARY - (DESIGN PSF)				
		+41/-41 PSF	+36/-36 PSF	+31/-31 PSF	+26/-26 PSF	+20/-20 PSF
8'	MOMENT	822	684	541	404	239
	NORMAL	164	144	124	104	80
	PARALLEL	368	296	224	152	66
	ANGLE THK	0.120	0.120	0.085	0.085	0.085
	WB SPACING	12	12	12	12	12
10'	MOMENT	1253	1066	880	694	466
	NORMAL	205	180	155	130	100
	PARALLEL	568	521	422	322	202
	ANGLE THK	0.120	0.120	0.120	0.120	0.085
	WB SPACING	12	12	12	12	12
12'	MOMENT	N/A	1473	1230	991	705
	NORMAL		216	186	156	120
	PARALLEL		760	630	499	343
	ANGLE THK		0.140	0.120	0.120	0.120
	WB SPACING		10	12	12	12
14'	MOMENT	N/A	N/A	1639	1344	987
	NORMAL			217	182	140
	PARALLEL			878	714	518
	ANGLE THK			0.140	0.140	0.120
	WB SPACING			9	12	12
16'	MOMENT	N/A	N/A	N/A	1699	1273
	NORMAL				208	160
	PARALLEL				933	693
	ANGLE THK				0.140	0.140
	WB SPACING				9	12

* LOADS - PER FOOT OF HEIGHT

FL # 742-R3 Digitally signed by John E Scates Date: 2023.09.26 17:29:54 -05'00'



JOHN E. SCATES PE
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REF DWG

USED ON

TOLERANCES UNLESS OTHERWISE SPECIFIED

WHOLE NUMBERS: ± .25

.X ± .1

.XX ± .03

.XXX ± .010

ANGLES: ± .5°

HILES: ±

FINISH

NONE

UNIT OF MEASURE

EACH

OVERHEAD DOOR

DALLAS, TEXAS

MATERIAL: N/A

NAME

DATE

DRAWING TITLE

DRAWN BY: K WOLFF

2/13/03

SERIES 600, COIL-AWAY DOOR

CHECKED BY: JD FAW

2/21/03

+/-20 PSF THRU +/-41 PSF

APPROVED BY: DM WELLS

2/20/03

D-308114

SCALE: NONE

SHEET 1 OF 1