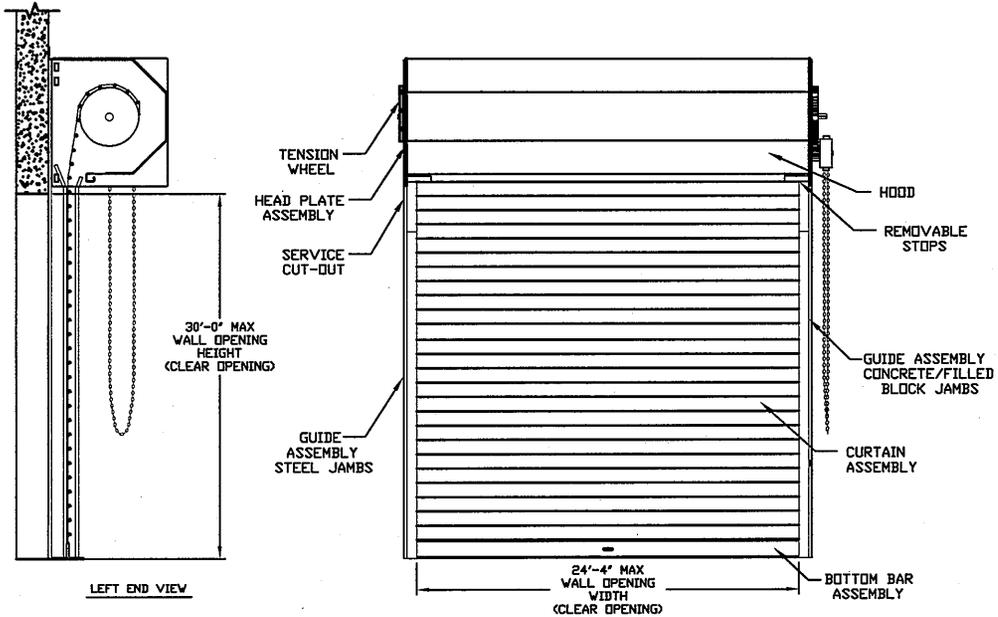


REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL

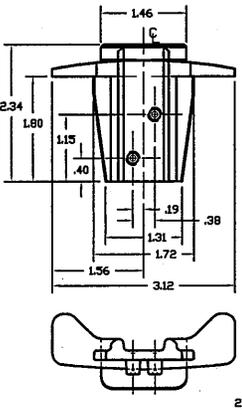


ALLOWABLE TRANSVERSE DESIGN WIND LOADS (PSF) FOR 22 GAUGE CURTAIN (TESTED SLAT GAUGE)

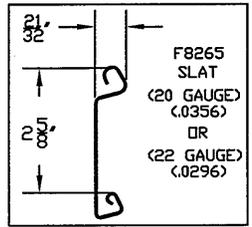
MAX DOOR WIDTH	MAX DOOR HEIGHT (FT)	DESIGN WIND LOADS (PSF)	MAX DOOR WIDTH	MAX DOOR HEIGHT (FT)	DESIGN WIND LOADS (PSF)
6'-4"	30	+/- 57.6	16'-4"	30	+/- 40
7'-4"	30	+/- 57.6	17'-4"	30	+/- 36.1
8'-4"	30	+/- 57.6	18'-4"	30	+/- 32.8
9'-4"	30	+/- 57.6	19'-4"	30	+/- 30.0
10'-4"	30	+/- 57.6	20'-4"	30	+/- 27.5
11'-4"	30	+/- 57.6	21'-4"	30	+/- 29.9
12'-4"	30	+/- 57.6	22'-4"	30	+/- 27.8
13'-4"	30	+/- 57.6	23'-4"	30	+/- 25.9
14'-4"	30	+/- 50.4	24'-4"	30	+/- 24.2
15'-4"	30	+/- 44.7			

ALLOWABLE TRANSVERSE DESIGN WIND LOADS (PSF) FOR 20 GAUGE CURTAIN

MAX DOOR WIDTH	MAX DOOR HEIGHT (FT)	DESIGN WIND LOADS (PSF)	MAX DOOR WIDTH	MAX DOOR HEIGHT (FT)	DESIGN WIND LOADS (PSF)
6'-4"	30	+/- 59.4	16'-4"	30	+/- 40.9
7'-4"	30	+/- 59.4	17'-4"	30	+/- 36.8
8'-4"	30	+/- 59.4	18'-4"	30	+/- 33.4
9'-4"	30	+/- 59.4	19'-4"	30	+/- 30.5
10'-4"	30	+/- 59.4	20'-4"	30	+/- 28.0
11'-4"	30	+/- 59.4	21'-4"	30	+/- 30.4
12'-4"	30	+/- 59.4	22'-4"	30	+/- 28.1
13'-4"	30	+/- 59.4	23'-4"	30	+/- 26.2
14'-4"	30	+/- 51.9	24'-4"	30	+/- 24.4
15'-4"	30	+/- 45.8			

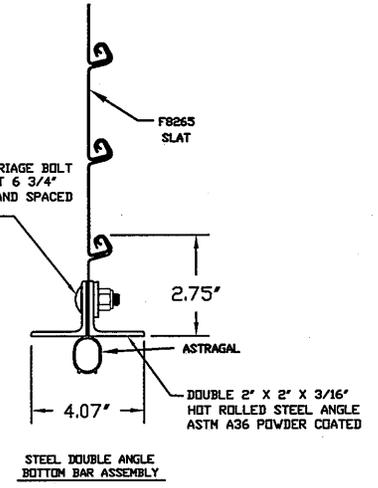
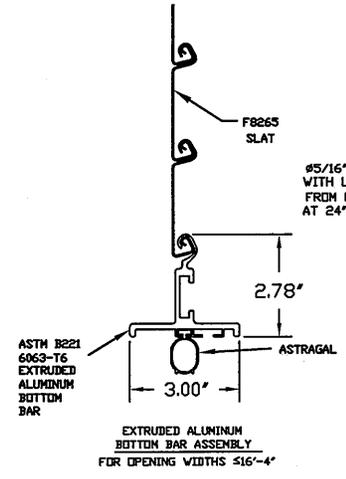


FERRITIC MALLEABLE IRON GRADE 32510, PER ASTM A47 ZINC COATED



F8265 SLAT (20 GAUGE) (.0356) OR (22 GAUGE) (.0296)

ASTM A653 GR 40 ZINC COATED STEEL PRE-PAINTED WITH FULL COAT OF PRIMER AND BAKED SILICONIZED POLYESTER FINISH COAT



SEE SHEET 2 FOR NOTES

CERTIFIED WIND LOAD RATED SERIES SD10 F8265 ANGLE GUIDES DOOR ASSEMBLY MAX. SIZE 24'-4" X 30'-0"

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

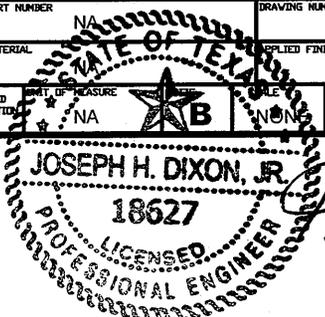
ANGLES	HOLE DIAMETERS	± 0' 30' DECIMAL	± .003 FRACTIONS	± 1/16
UNDER .251	+ .004	- .003		
251 TO .500	+ .006	- .003		
OVER .500	+ .008	- .003		

APPROVALS	DATE	APPROVALS	DATE
DRAWN BECKY NELSON	4-28-09	APPROVED CURT SCHROEDER	4-29-09
CHECKED CURT SCHROEDER	4-29-09		

APPROVALS	DATE	APPROVALS	DATE

PART NUMBER	DRAWING NUMBER	
NA	RS9003	
MATERIAL	APPLIED FINISH	
NA	NA	
SHEET	OF	REV
1	2	

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Handwritten signature and date:
10/2/10

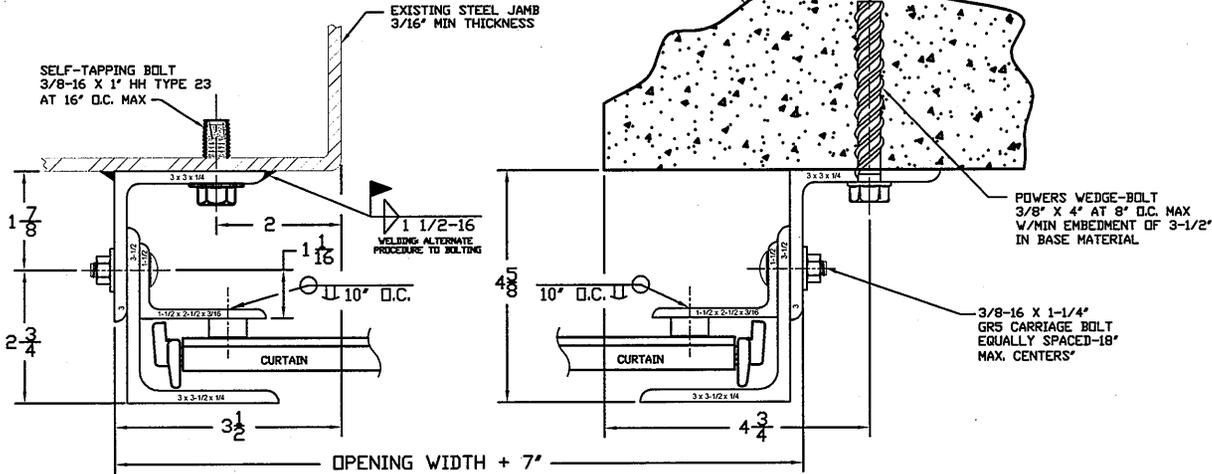
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STEEL JAMBS

MINIMUM 3000 PSI
CONCRETE JAMB

CONCRETE JAMBS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL



GENERAL NOTES

1. THIS ROLLING DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE INTERNATIONAL BUILDING CODE. THE REQUIRED DESIGN WIND PRESSURES FOR A DOOR IN ANY PARTICULAR BUILDING SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1609 OF THE FBC. IN CODE JURISDICTIONS OUTSIDE OF FLORIDA, REQUIRED DESIGN WIND PRESSURES MAY BE DETERMINED IN ACCORDANCE WITH SECTION 1609 OF THE IBC OR WITH THE LOCAL BUILDING CODE IN EFFECT FOR THE SPECIFIC LOCATION.
2. THIS ROLLING DOOR HAS BEEN TESTED IN ACCORDANCE WITH ASTM E-330 AND ANSL/DASHA 108 TO SAFELY RESIST A POSITIVE OR NEGATIVE WIND LOAD AS NOTED BELOW. A TEST LOAD OF 15 X DESIGN LOAD HAS BEEN USED.

DESIGN LOAD = +40 PSF
-40

3. WIND LOADS FOR BUILDING OPENINGS SHALL BE DETERMINED BY A PROFESSIONAL ENGINEER USING APPROPRIATE WIND SPEED AND DESIGN CRITERIA. THIS DOOR MAY BE USED WHERE THE DESIGN LOAD MEETS OR EXCEEDS THE DESIGN LOAD FOR THE BUILDING OPENING.
4. SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNED AS Vx AND Vy HEREIN. CONTRACTORS SHALL HAVE BUILDING ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOADS Vx, Vy
5. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH A.S.S. SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO A.S.S. A51 GRADE E-70.
6. DESIGN BASED ON CERTIFIED TESTING LABORATORIES, INC., TEST REPORT NO. CTLA1959W (STEEL BOTTOM BAR) DATED: MAY 6, 2009
NO. CTLA1959W (ALUMINUM BOTTOM BAR) DATED: MAY 6, 2009

7. ANCHOR NOTES:
A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
8. DOOR OPERATION TYPE TO BE PUSH-UP, HAND CHAIN, HAND CRANK OR ELECTRIC.
9. GUIDE TO JAMB ATTACHMENT FASTENERS IN OPENING AREA BEGIN 4" MIN./6" MAX. FROM FLOOR AND END 4" BELOW TOP OF WALL OPENING.
10. TEST DOOR WALL OPENING SIZE: 16'-4" X 10'-0".
11. WINDLOCKS ATTACHED TO EVERY OTHER SLAT BEGINNING AT BOTTOM SLAT (ALTERNATING).

STEEL JAMBS

CONCRETE JAMBS

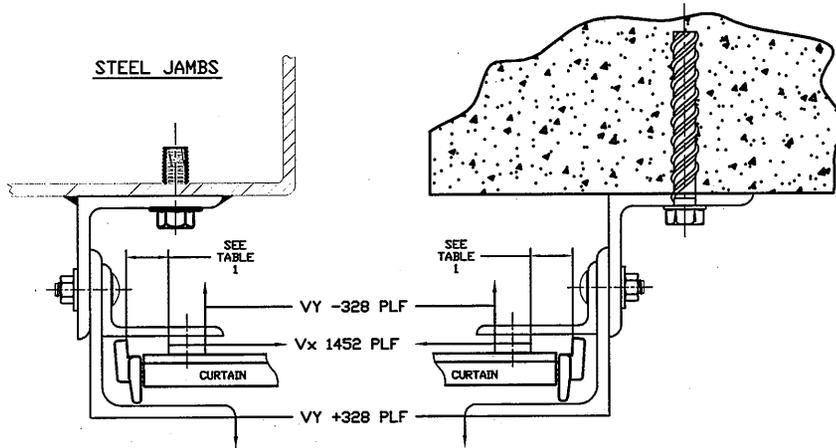


TABLE 1

OPENING WIDTHS	WINDLOCK SLIP
≤ 11'-4"	3/8"
>11'-4", ≤ 20'-4"	5/8"
>20'-4" ≤ 24'-4"	7/8"

SUPERIMPOSED LOAD DIAGRAM

CERTIFIED WIND LOAD RATED
SERIES SD10 F8265 ANGLE GUIDES DOOR ASSEMBLY
MAX. SIZE 24'-4" X 30'-0"

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	APPROVALS		APPROVALS		PART NUMBER	DRAWING NUMBER
	DRAWN	DATE	APPROVED	DATE		
INCHES ± 0' 30" DECIMAL ± .03 X.XX ± .03 X.OO ± .005 FRACTIONS ± 1/16	BECKY NELSON	4-28-09	CURT SCHROEDER	4-29-09	NA	RS9003
	CHECKED				MATERIAL	FINISH
	CURT SCHROEDER	4-29-09			NA	NA

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UNIT OF MEASURE	SIZE	SCALE	SHEET	OF	REV
		NONE	2	2	

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STATE OF TEXAS
PROFESSIONAL ENGINEER
18627
JOSEPH H. DIXON, JR.
10/2/10