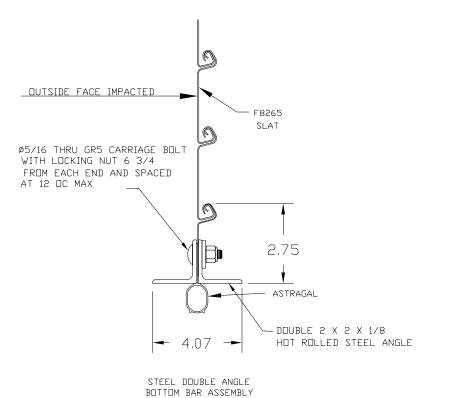


ALLOWABLE TRANSVERSE DESIGN WIND LOADS NON-IMPACT & IMPACT RATED SERIES 400/600 DOORS

	MAX OPENING	MAX OPENING	DESIGN LOAD NON-IMPACT RATED	DESIGN LOA				
	WIDTH	HEIGHT	(PSF)	(PSF)				
	9'-0"	30'-0"	+97.7/-106.6	+55.0/-60.0				
	10'-0"	30'-0"	+88.0/-96.0	+55.0/-60.0				
	11'-0"	30'-0"	+80.0/-87.3	+55.0/-60.0				
	12'-0"	30'-0"	+73.3/-80.0	+55.0/-60.0				
	13'-0"	30'-0"	+67.6/-73.8	+55.0/-60.0				
	14'-0"	30'-0"	+62.8/-68.6	+55.0/-60.0				
	15'-0"	30'-0"	+58.6/-64.0	+55.0/-60.0				
	16'-0"	30'-0"	+55.0/-60.0	+55.0/-60.0				
	17'-0"	30'-0"	+49.0/-53.5	+28.8/-31.5				
	18'-0"	30'-0"	+45.0/-49.1	+28.8/-31.5				
	19'-0"	30'-0"	+41.2/-45.0	+28.8/-31.5				
	20'-0"	30'-0"	+37.7/-41.2	+28.8/-31.5				
	21'-0"	30'-0"	+35.0/-38.2	+28.8/-31.5				
	22'-0"	30'-0"	+32.0/-35.0	+28.8/-31.5				
	23'-0"	30'-0"	+30.2/-33.0	+28.8/-31.5				
	24'-0"	30'-0"	+28.8/-31.5	+28.8/-31.5				
	25'-0"	30'-0"	+27.0/-29.6	N/A				
	26'-0"	30'-0"	+25.4/-27.8	N/A				
	27'-0"	30'-0"	+24.0/-26.3	N/A				
-	28'-0"	30'-0"	+22.7/-24.8	N/A				
	29'-0"	30'-0"	+21.5/-23.5	N/A				
	30'-0"	30'-0"	+20.4/-22.3	N/A				
	31'-0"	30'-0"	+19.4/-21.2	N/A				
	32'-0"	30'-0"	+18.4/-20.2	N/A				
			·					

REVISIONS DESCRIPTION DATE APPROVAL DRAWING RELEASE A ADDED CONCRETE JAMBS SR 10-14-19 B ADD'L PRESSURES & CMU JAMBS 12-14-19 SR C REVISE PRESSURE TABLE 6-1-20 SR ADDED NOTE #15 11-18-20 SR



John E. Scates, P.E. 2560 King Arthur Blvd, Ste 124-54

> Lewisville, TX 75056 FL PE 51737 TX PE 56308 / F2203

Professional Engineer's seal provided only for verificalton of windload construction details.

2.454 <u>21</u> 32 .75 400 SERIES 600 SERIES .438 WINDLOCK F8265 F8265 DUCTILE CAST IRON INSULATED SLAT SLAT (24 GAUGE) (.0236) (24/24 GAUGE) (.0236) 1.350

.25 -

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

SEE SHEET 2 FOR NOTES

CERTIFIED WIND LOAD AND IMPACT RATED 400/600 SERIES ANGLE GUIDES ROLL-UP DOOR ASSEMBLY F8265 SLAT



ASTA Door Corporation 638 Cassville White Rd NW Cartersville, GA 30121 (770) 562-2850 Fax: (770) 562-1991 Web Site: www.astadoor.com

	APPROVALS	DATE	APPROVALS	DATE	PART NUMBER			DRAWING NU	MBER 400		A/I O	
)	DRAWN LAMAR TOWE	8-2-19	SCOTT ROBILLARD 8-1			NA			DRAWING NUMBER 400-IM-WL-C			
04	CHECKED SCOTT ROBILLARD	8-15-19			MATERIAL	NA		APPLIED FIN	ISH NA			
06	THESE CONFIDENTIAL DOCUMENTS SUBMITTED BY	IANILE CONTAIN	INCORMATION OF A DECEDERARY MATURE AND MA	V NUT BE DEDUCE	UNIT E	JF MEASURE	SIZE	SCALE	SHEET OF		REV	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE HOLE DIAMETERS ANGLES UNDER .251 DECIMAL XX ±.03 .251 TO .500 FRACTIONS +.008 □VER .500

1.117

OR USED TO MANUFACTURE ANYTHING IN PART OR IN WHOLE FOR ANY PURPOSE OTHER THAN THAT WHICH IS NECESSARY FOR PREPARATION OF BIDS OR ENGINEERING WITHOUT THE EXPRESS PERMISSION OF JANUS WHICH MAY RECALL DOCUMENTS AT ANY TIME.

NA

B

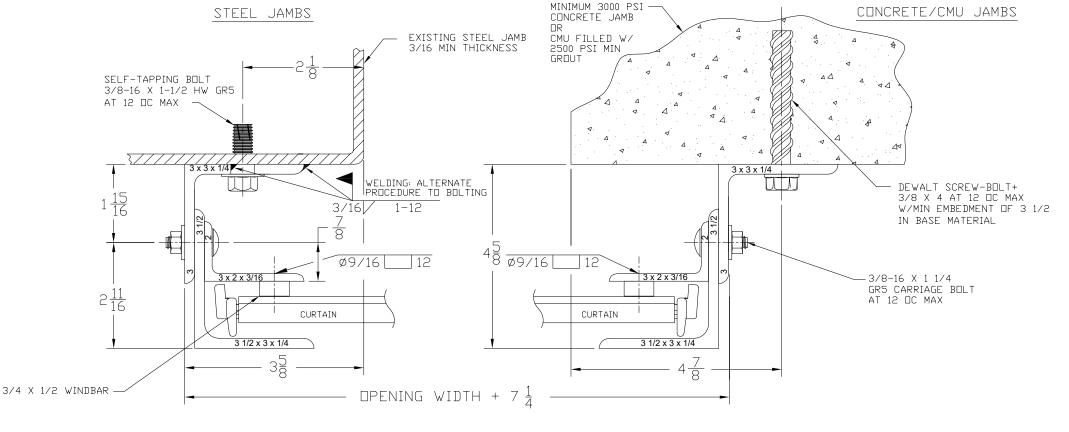
NONE

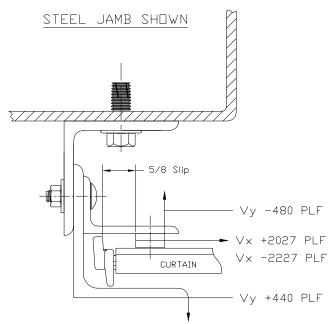
GENERAL NOTES

- 1. THIS ROLL-UP 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 INCATION.
- 2. THIS ROLL-UP DOOR HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE UNIFORM STATIC AIR PRESSURE TEST PER ASTM E 330 AND ANSI/DASMA 108 TO SAFELY RESIST A POSITIVE AND NEGATIVE WIND LOAD AS NOTED BELOW. A TEST LOAD OF 1.5 X DESIGN LOAD HAS BEEN USED.

DESIGN LOAD = $^{+28.8}_{-31.5}$ PSF

- 3. THIS ROLL-UP DOOR HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE LARGE MISSILE IMPACT TEST PER ANSI/DASMA 115 WITH THE DIRECTION OF IMPACT BEING TOWARD THE OUTSIDE FACE OF THE CURTAIN SLATS. DOOR IS IMPACT RATED ONLY WHEN INSTALLED ON INSIDE OF AN EXTERIOR WALL. DOOR ALSO SUCCESSFULLY TESTED ACCORDING TO THE CYCLIC WIND PRESSURE LOADING TEST PER ANSI/DASMA 115.
- 4. 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.
- 5. 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
- 6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1 GRADE E-70.
- 7. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
- 8. ANCHOR NOTES:
 - A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
 - B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 9. DOOR OPERATION TYPE TO BE PUSH-UP, HAND CHAIN, HAND CRANK OR ELECTRIC.
- 10. GUIDE TO JAMB ATTACHMENT FASTENERS IN OPENING AREA
 BEGIN 2" FROM FLOOR AND ARE SPACED 12" OC MAX THROUGH TOP OF WALL OPENING.
- 11. TEST DOOR WALL OPENING SIZE: $24'-0'' \times 10'-0''$.
- 12. WINDLOCKS ATTACHED TO EVERY OTHER SLAT BEGINNING AT BOTTOM SLAT (ALTERNATING). WINDLOCKS FASTENED TO SLATS UTILIZING TWO SWAGED MALLEABLE CAST STUDS, .24 BASE DIAMETER, PER WINDLOCK.
- 13. ALTERNATE SLAT GAUGES OF 22 (.0296), 20 (.0356), OR 18 (.0466) MAY BE SUBSTITUTED, BUT WITH NO INCREASE IN DESIGN LOAD RATING.
- 14. SLIP AND SUPERIMPOSED LOADS ARE THE SAME FOR ALL JAMB TYPES.
- 15. COMPLIES WITH THE WINDLOAD REQUIREMENTS OF THE IRC/IBC 2018.





John E. Scates, P.E. 2560 King Arthur Blvd, Ste 124-54 Lewisville, TX 75056 FL PE 51737 TX PE 56308 / F2203

Professional Engineer's seal provided only for verification of windload construction details.

SUPERIMPOSED LOAD DIAGRAM

												1
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND		APPROVALS	DATE	APPROVALS	DATE	PART NUMBER			DRAWING NUMBER 100 IN 1 \A/I			1
		DRAWN		APPROVED	1	NA			PRAWING NUMBER 400-IM-WL-C			
	TOLERANCES ARE	LAMAR TOWE	8-2-19	SCOTT ROBILLARD	8-15-19]
	GLES HOLE DIAMETERS	CHECKED		MATERIAL			APPLIED FINISH			1		
±0°30′ UNDER .251 +.004003		SCOTT ROBILLARD	8-15-19			NA	NA				1	
.XX			0-10-19									1 1
XX ±.03 251 TO .500 +.006 UNIT OF MEASURE SIZE SCALI						SCALE	SHEET OF	. F	REV	1		
FRAC	TD I COMIANO							NONE	_	2		1
± :	1/16 DVER .500 +.008	OF BIDS OR ENGINEERING WITHOUT THE EXPRES	S PERMISSION OF	ASTA WHICH MAY RECALL DOCUMENTS AT ANY TI	ME.	NA NA		NONE	2	_		

CERTIFIED WIND LOAD AND IMPACT RATED 400/600 SERIES ANGLE GUIDES ROLL-UP DOOR ASSEMBLY F8265 SLAT



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REVISIONS

DATE APPROVAL

SR

SR

SR

SR

10-14-19

6-1-20

11-18-20

DESCRIPTION

B ADD'L PRESSURES & CMU JAMBS 12-14-19

DRAWING RELEASE

C REVISE PRESSURE TABLE

A ADDED CONCRETE JAMBS

ADDED NOTE #15