

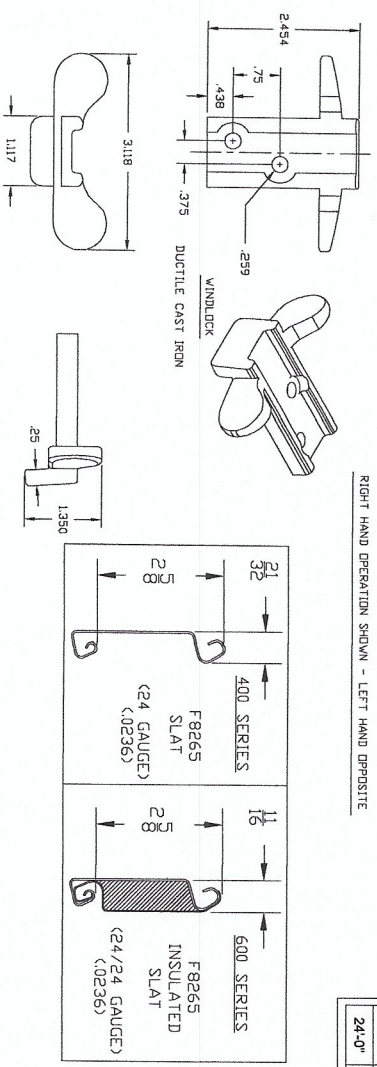
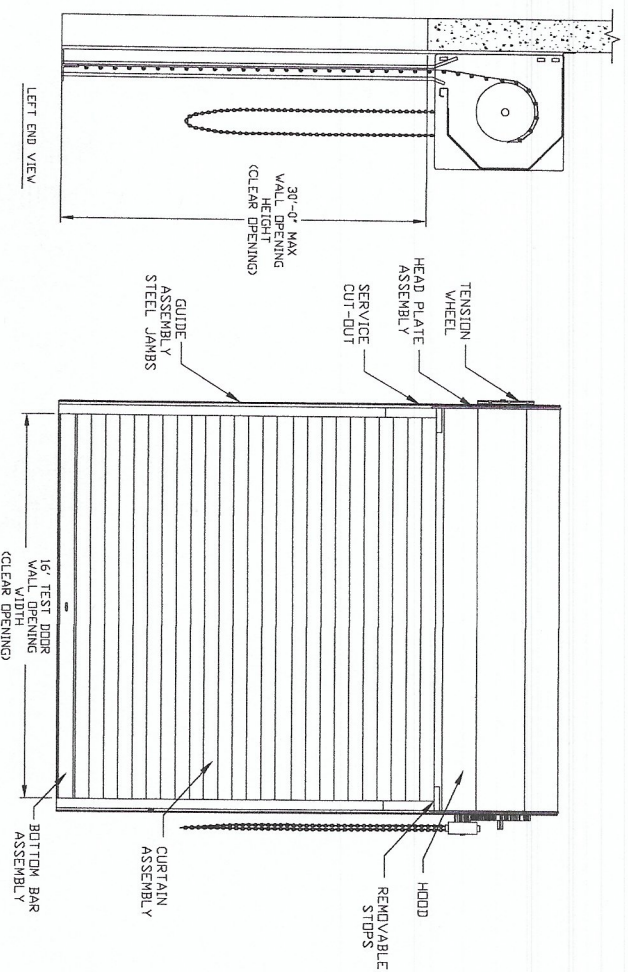
REV#	DESCRIPTION	DATE	APPROVAL
—	DRAWING RELEASE	8-2-19	SR

ALLOWABLE TRANSVERSE DESIGN WIND LOADS
IMPACT RATED SERIES 400 DOORS ONLY
(PSF)

MAX OPENING WIDTH	MAX OPENING HEIGHT	DESIGN LOAD POSITIVE (PSF)	DESIGN LOAD NEGATIVE (PSF)
16'-0"	30'-0"	55	60

ALLOWABLE TRANSVERSE DESIGN WIND LOADS
NON-IMPACT RATED SERIES 400 DOORS ONLY
(PSF)

MAX OPENING WIDTH	MAX OPENING HEIGHT	DESIGN LOAD POSITIVE (PSF)	DESIGN LOAD NEGATIVE (PSF)
11'-0"	30'-0"	101	108
12'-0"	30'-0"	87	93
13'-0"	30'-0"	76	82
14'-0"	30'-0"	68	73
15'-0"	30'-0"	61	66
16'-0"	30'-0"	55	60
17'-0"	30'-0"	49	53
18'-0"	30'-0"	45	48
19'-0"	30'-0"	41	45
20'-0"	30'-0"	38	41
21'-0"	30'-0"	35	38
22'-0"	30'-0"	32	35
23'-0"	30'-0"	30	33
24'-0"	30'-0"	28	31



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

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE IN INCHES AND FRACTIONS	APPROVALS	DATE	APPROVALS	DATE	PART NUMBER	UNIT OF MEASURE	SIZE	SCALE	SHEET OF	REV
1.0" 30"	DRAWN: LAMAR TOWE	8-2-19	APPROVED: SCOTT ROBILIARD	8-15-19	NA	NA	B	NONE	1	2
2.51 TO .500										
2.51 TO .500	SCOTT ROBILIARD	8-15-19	SCOTT ROBILIARD	8-15-19	400-IM-WL-C	NA				

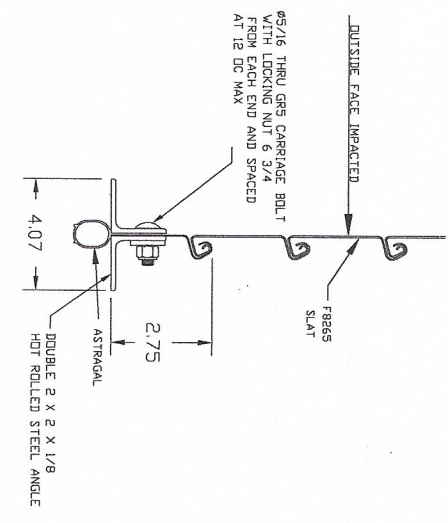
CERTIFIED WIND LOAD AND IMPACT RATED 400/600 SERIES ANGLE GUIDES ROLL-UP DOOR ASSEMBLY F8265 SLAT

ASTA Door Corporation
638 Cassville White Rd NW
Cartersville, GA 30012
(770) 562-2850 Fax: (770) 562-1991
Web Site: www.astadoor.com

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

Gordon Thomas, PE
3798 Blossom Ct
Mason, OH 45040
FL PE 46718

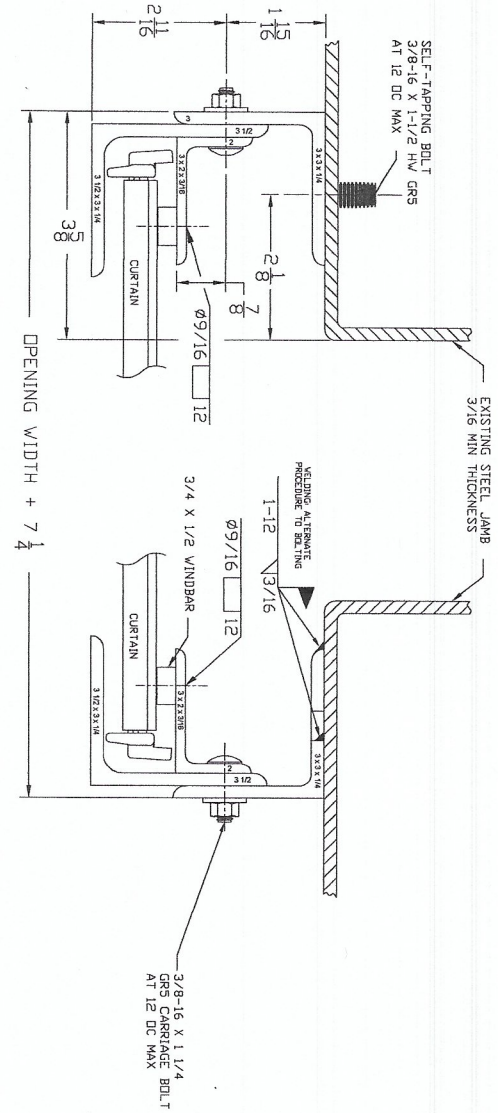
8/16/19



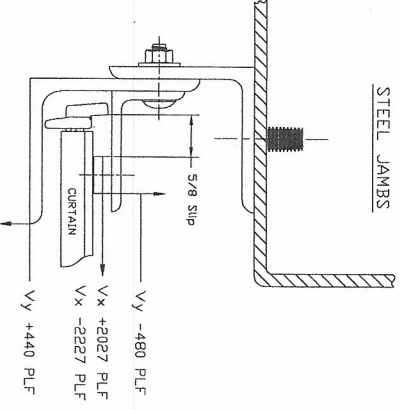
GENERAL NOTES

1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING BUILDING AND THE INTERNATIONAL BUILDING CODE. THE REQUIRED DESIGN WIND PRESSURE AND DESIGN WIND SPEED SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1609 OF THE IRC. JURISDICTIONS OUTSIDE OF FLORIDA, REQUIRED DESIGN WIND PRESSURES MAY BE DETERMINED IN ACCORDANCE WITH SECTION 1609 OF THE IRC OR WITH THE LOCAL BUILDING CODE IN EFFECT FOR THE SPECIFIC LOCATION.
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 SHELLY RESIST A POSITIVE AND NEGATIVE WIND LOAD AS NOTED BELOW. A TEST LOAD OF 15 X DESIGN LOAD HAS BEEN USED.
DESIGN LOAD = 4500 PSF
3. THIS ROLL-UP DOOR HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE LARGE WINDSILE IMPACT TEST PER ANSI/DASMA 115. THE DIRECTION OF IMPACT BEING TOWARD THE INSIDE OF THE CURTAIN 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 FOR DESIGN LOADS THAT 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 AND WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A51 GRADE E-70.
6. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
7. DESIGN BASED ON UNDERWRITER LABORATORIES, TEST REPORT -S907/49-20/90/30-report
8. ANCHOR NOTES:
A. EMBEDEDMENT 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 16'-0" x 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 (Q296), 20 (Q396), OR 18 (Q466) MAY BE SUBSTITUTED, BUT WITH NO INCREASE IN DESIGN LOAD RATING.

STEEL JAMBS



STEEL JAMBS



SUPERIMPOSED LOAD DIAGRAM

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	APPROVALS	DATE	APPROVALS	DATE	PART NUMBER	DRAWING NUMBER
JAMBS 2" Ø DECIMAL XXX FRACTIONS ± 1/16	BRVAV	8-2-19	SCOTT ROBILLARD	8-15-19	NA	400-IM-WL-C
HOLE DIMENSIONS ± .004 ± .005 ± .009 ± .008 ± .003	CHECKED SCOTT ROBILLARD	8-2-19	SCOTT ROBILLARD	8-15-19	NA	
OR USED TO MANUFACTURE ANYTHING IN PART OR IN WHOLE FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS NECESSARY FOR PREPARATION OF BIDS OR ENGINEERING WITHOUT THE EXPRESS PERMISSION OF ASTA WHICH MAY RECALL DOCUMENTS AT ANY TIME.					UNIT OF MEASURE NA	SCALE NONE
					SIZE B	SHEET OF 2 2
					APPLIED FINISH NA	REV —

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