



Vx +1022 (PLF)

STEEL JAMBS - LH GUIDE MOUNT SHOWN

CONCRETE/FILLED BLOCK JAMBS
RH GUIDE MOUNT SHOWN

Vy -254 (PLF)

SUPERIMPOSED LOAD DIAGRAM-OPTIONS 1-3

CURTAIN

GENERAL NOTES

Vx +1022 (PLF)

Vx -1022 (PLF)

Vy +223 (PLF)

1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) AND INTERNATIONAL BUILDING CODE (IBC). 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

Vy +223 (PLF)

CURTAIN

Vy -254 (PLF)

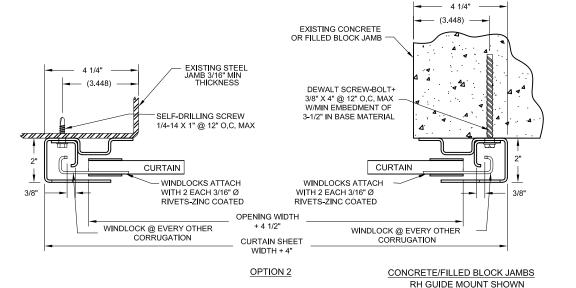
2. THIS ROLL-UP DOOR HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE UNIFORM STATIC AIR PRESSURE TEST PER ASTM E330 AND ANSI/DASMA 108 TO SAFELY RESIST A POSITIVE AND NEGATIVE WINDL LOAD AS NOTED BELOW. A TEST LOAD OF 1.5 X DESIGN LOAD HAS BEEN USED.

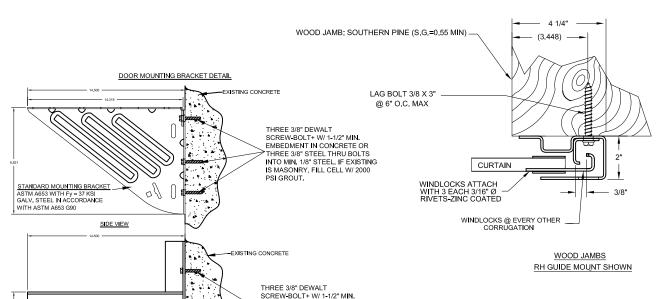
$$DESIGN LOAD = \frac{+36.0}{-41.0} PSF$$

- 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.W.S. SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO A.W.S. A5.1 GRADE E-70.
- 6. DOORS SHALL BE PROVIDED WITH LOCK MECHANISHMS AT THE OPTION OF THE OWNER.
- 7. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
- 8. DESIGN BASED ON CERTIFIED TESTING LABORATORIES, INC. TEST REPORTS NO. CTLA-1024W FOR THROUGH GUIDE ATTACHMENT TO JAMB AND NO. CTLA-1194W FOR TOE OF GUIDE ATTACHMENT TO JAMB.
- 9. ANCHOR NOTES:
 - A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.

OPTION 1

- B. FOR HOLLOW MASONRY, FILL ALL CELLS @ ANCHOR WITH 2500 PSI GROUT.
- C. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- 10. DOOR OPERATION TYPE TO BE PUSH-UP, HAND CHAIN, OR ELECTRIC.
- 11. GUIDE TO JAMB ATTACHMENT FASTENERS BEGIN 4" FROM FLOOR AND 4" BELOW TOP OF THE WALL OPENING.
- 12. TEST DOOR WALL OPENING SIZE: 12'-0" X 8'-0".





EMBEDMENT IN CONCRETE OF

THREE 3/8" STEEL THRU BOLTS
INTO MIN. 1/8" STEEL. IF EXISTING

IS MASONRY, FILL CELL W/ 2000

REVISIONS DESCRIPTION APPROVAL REV DATE **IDRAWING RELEASE** 1-31-03 DM IGUIDE ATTACH AT TOE 11-13-03 DM B ADD GUIDE OPTION 3 4-13-04 DM C INOTE REVISION 6-17-09 CS D ADDED "T" BRACKET OPTION 1-20-12 CS E ADDED CHARTED PSF VALUES 2-28-14 CS JS CHARTED VALUE REVISION 10-12-20 CS G WOOD JAMBS ADDED 10-15-21 CS

ALLOWABLE TRANSVERSE DESIGN WIND LOADS (PSF)

(1 31)						
MAX DOOR WIDTH	MAX DOOR HEIGHT	DESIGN LOAD POSITIVE (PSF)	DESIGN LOAD NEGATIVE (PSF)			
8'-0"	20'-0"	53.1	60.5			
9'-0"	20'-0"	47.4	54.0			
10'-0"	20'-0"	42.8	48.8			
11'-0"	20'-0"	39.0	44.5			
12'-0"	20'-0"	36.0	41.0			
13'-0"	20'-0"	31.0	35.4			
14'-0"	20'-0"	27.3	31.1			
15'-0"	20'-0"	24.2	27.6			
16'-0"	20'-0"	21.6	24.7			

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

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BRACKET WELDMENT-PRIME PAINTED

SIDE VIEW

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES LISTED BELOW.

DECIMAL	FRACTIONS	ANGLES	HOLE DIAMETERS	
	+/-1/16"	+/- 0° 30'	UNDER 0.251	+ 0.004 - 0.003
7 0.000			0.251 - 0.500	+ 0.006 - 0.003
			OVER 0.500	+ 0.008 - 0.003
		(X +/-0.030" +/-1/16"	(X +/-0.030" +/-1/16" +/- 0° 30'	XX +/-0.030" +/-1/16" +/- 0° 30' UNDER 0.251 XX +/-0.005" 0.251 - 0.500

•	verificaiton of v	win
PART NUMBER:		,
MATERIAL:		
APPLIED FINISH:		
UNIT OF MEASURE:		
APPROVALS	DATE	
DRAWN:		
BECKY NELSON	1-31-03	
CHECKED:		
DON MILLS	1-31-03	
APPROVED: DON MILLS	1-31-03	so

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CERTIFIED WIND LOAD RATED 26 GA SERIES 3100 DOOR ASSEMBLY MAX. SIZE 16'-0" X 20'-0"

B DRAWING NUMBER: T1004 G