

16 Ga. STEEL JAMBS  
USING 1/4-14 X 1" TEKS

ALL COMPONENTS SHALL BE ASTM  
A653 STEEL W/MIN FY = 33 KSI.  
GALVIANIZED PER ASTM A653 G40

## HEADROOM REQUIRED

Comparative forces by calculation to determine design pressure based on maximum moment and shear developed by test, 6' X 8' door	Design Windload	
	Pos psf	Neg psf
	Test Door 6' x 8'	19.9      24.4
	Max Door Size (Width x Height)	
	3'-4" x 12'	34.7      42.6
	3'-6" x 12'	33.1      40.7
	3'-8" x 12'	31.7      38.9
	4'-0" x 12'	29.2      35.9
	5'-0" x 12'	23.5      29.0
	5'-6" x 12'	21.6      26.5
	6'-0" x 12'	19.9      24.4

Design wind forces are calculated to produce moment and shear equal to or less than those developed in the test door. This indicates that the curtain, guides, and jamb anchorages will all be stressed to approximately the same or less than those in the test door, provided that the door is constructed the same for all opening widths.

## BOTTOM BAR ASSEMBLY

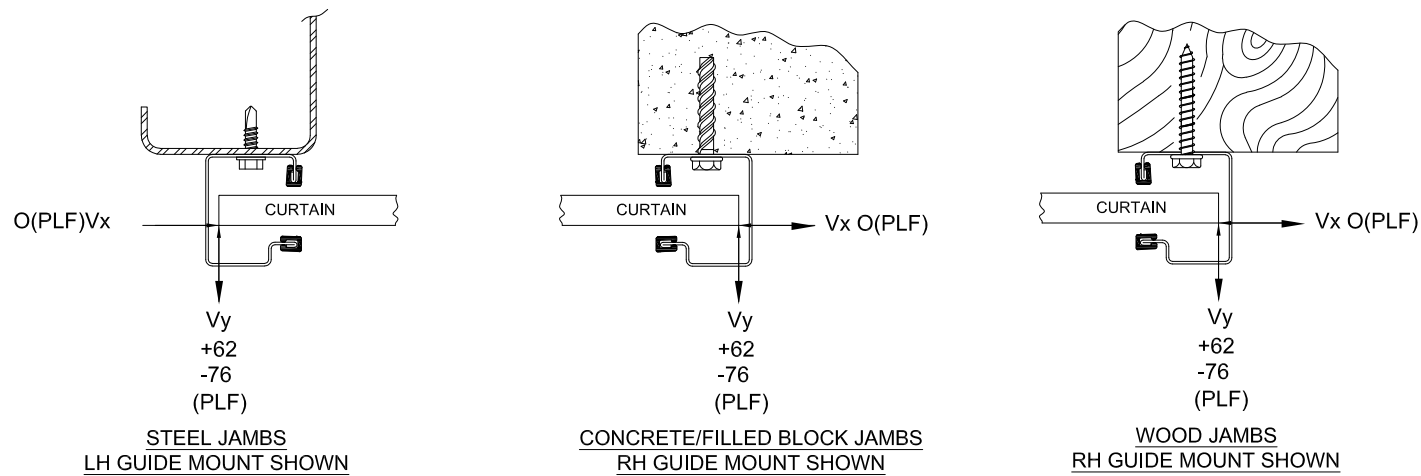
DECIMAL	FRACTIONS	ANGLES	HOLE DIAMETERS
.XX ±.03	± 1/16	± 0° 30'	UNDER 0.251 <sup>+.004</sup> <sub>-.003</sub>
.XXX ±.005			0.251 to 0.500 <sup>+.006</sup> <sub>-.003</sub>
			OVER 0.500 <sup>+.008</sup> <sub>-.003</sub>

OF:

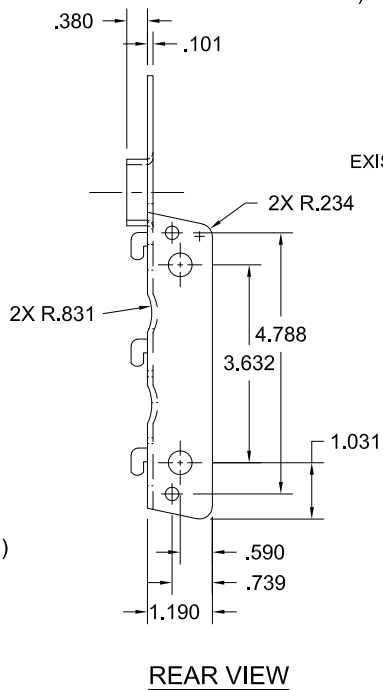
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### INSIDE ELEVATION

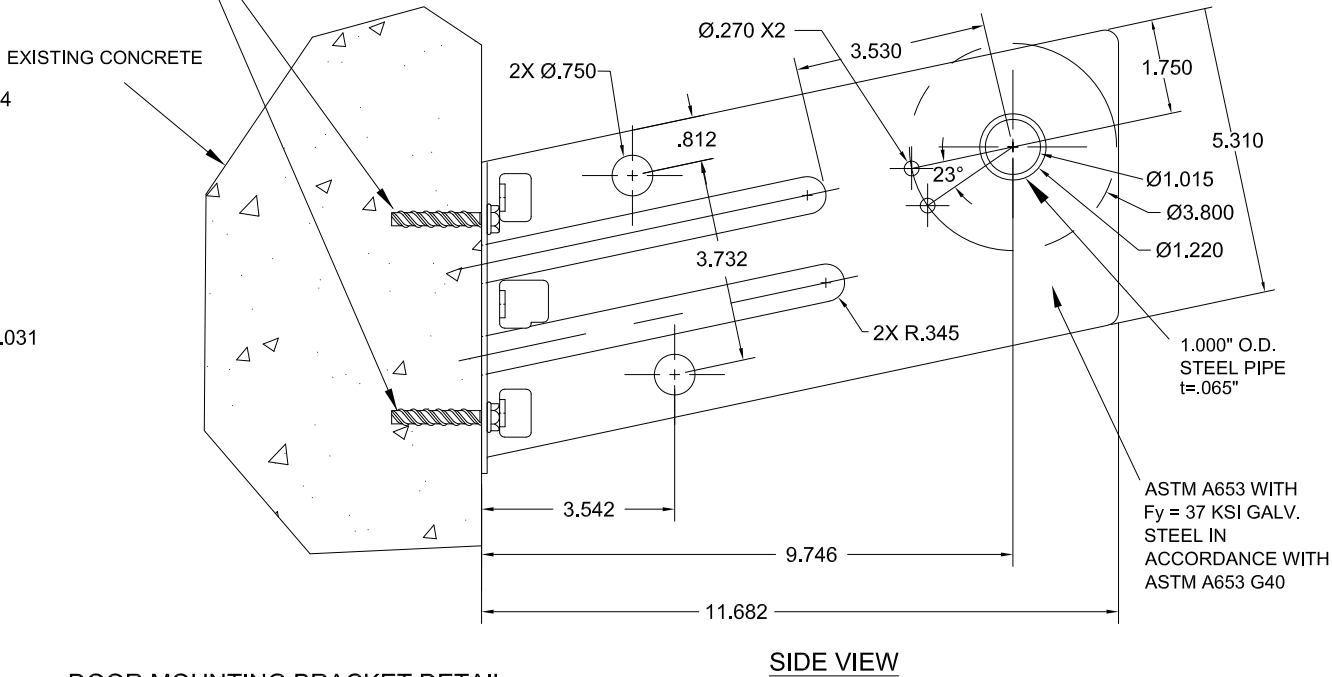
Professional Engineer's seal provided only for  
verificaiton of windload construction details.



WO 1/4" Ø POWERS WEDGE-BOLTS W/  
1/2" MIN. EMBEDMENT IN CONCRETE OR  
TWO 1/4" Ø STEEL SCREWS W/ FULL  
ENETRATION INTO 16 GA STEEL (0.054"  
N). IF EXISTING IS MASONRY, FILL CELL  
W/ 2500 PSI GROUT.



## DOOR MOUNTING BRACKET DETAIL



REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
---	DRAWING RELEASE	11-14-02	DM
A	NOTE REVISIONS	4-16-04	DM
B	NOTE REVISIONS	6-17-09	CS
C	RE-TEST 9-26-13	10-24-13	CS
D	16 GA. STEEL JAMB/1.5X1.5X.072MIN BB	9-19-16	CS
E	Note: Alternate Concrete/Masonry Fasteners	09/25/17	CS
F	ADD WOOD JAMB DETAIL & FASTENER	03/02/20	CS

1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
2. THIS ROLL-UP DOOR HAS BEEN TESTED IN ACCORDANCE WITH ASTM E-330 AND COMPLIES WITH ANSI/DASMA 108.

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  $V_x$  AND  $V_y$  HEREIN. CONTRACTORS SHALL HAVE BUILDING ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOADS  $V_x$ ,  $V_y$ , AND BRACKET LOADS SHOWN.

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 MECHANISMS 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. ANCHOR NOTES:
  - A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
  - B. FOR HOLLOW MASONRY, FILL ALL CELLS @ ANCHOR WITH 2500 PSI GROUT.
  - C. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - D. ALTERNATE FASTENERS: DEWALT SCREW BOLT+ AND SIMPSON TITEN HD.
9. DOOR OPERATION TYPED TO BE PUSH-UP.
10. GUIDE TO JAMB ATTACHMENT FASTENERS BEGIN 4" FROM FLOOR AND END 3-1/2" BELOW TOP OF WALL OPENING.
11. TEST DOOR WALL OPENING SIZE: 6'-0" X 8'-0"

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

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				MATERIAL:									
				APPLIED FINISH:									
				UNIT OF MEASURE:									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:				APPROVALS		DATE		<div>CERTIFIED WIND LOAD RATED</div> <div>26 GA SERIES 750 DOOR ASSEMBLY</div> <div>MAX. SIZE: 6'-0" X 12'-0"</div>					
				DRAWN:		DATE							
				BECKY NELSON		11-14-02							
				CHECKED:		DATE							
				DON MILLS		11-14-02							
				APPROVED:		DATE		SIZE		DRAWING NUMBER:		REV:	
				DON MILLS		11-14-02		B		T1001		F	
				SCALE:		NONE				SHEET:		OF:	
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