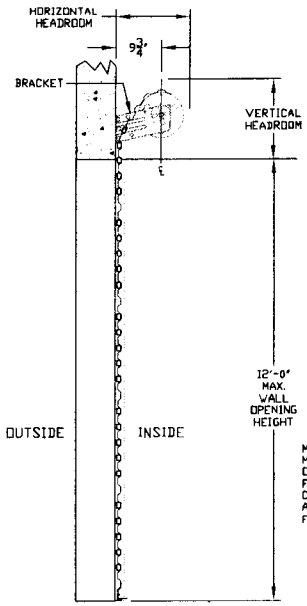
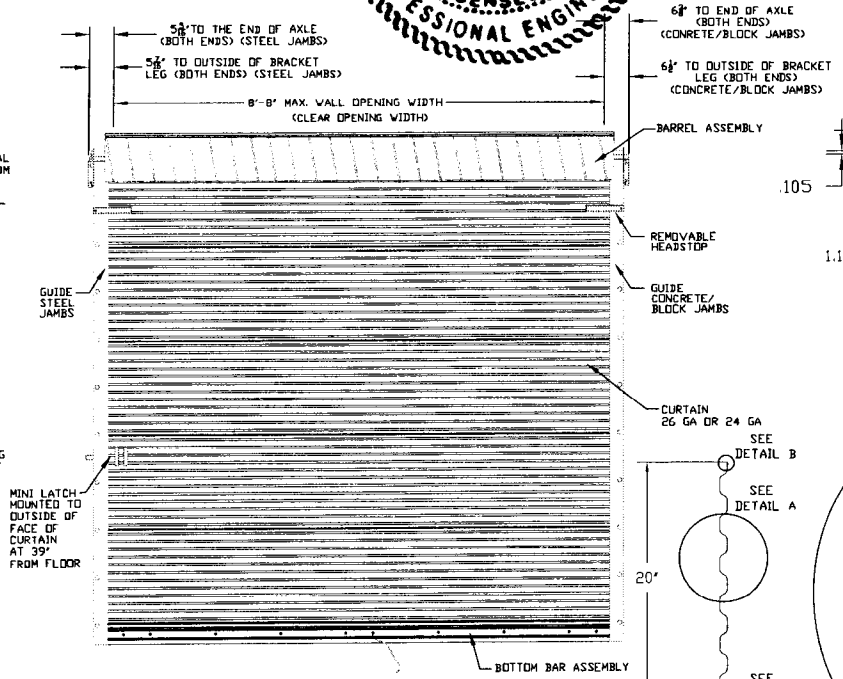
STATE OF TEXAS
JOSEPH H. DIXON, JR.
18627
LICENSED
PROFESSIONAL ENGINEER

12/4/12

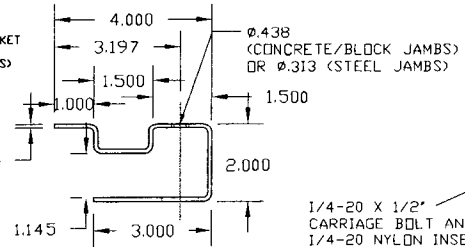
REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
—	DRAWING RELEASE	9-15-03	DM
A	GENERAL CHANGES	1-16-04	DM
B	NOTE REVISION	6-17-09	CS



SIDE VIEW

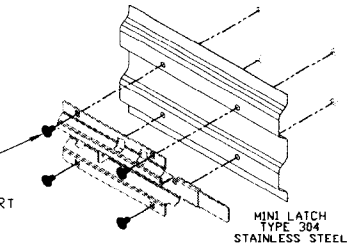


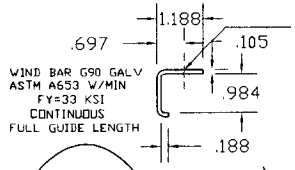
INSIDE ELEVATION

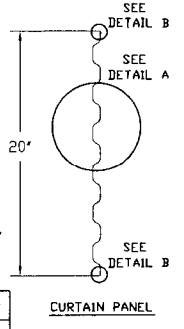


GUIDE

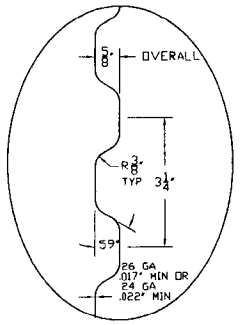
G90 GALV
ASTM A653 W/MIN
FY=33 KSI
CONTINUOUS
FULL JAMB LENGTH



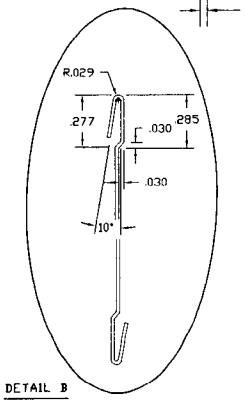




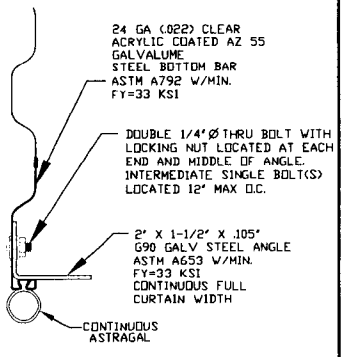
CURTAIN PANEL



DETAIL A



DETAIL B



BOTTOM BAR ASSEMBLY

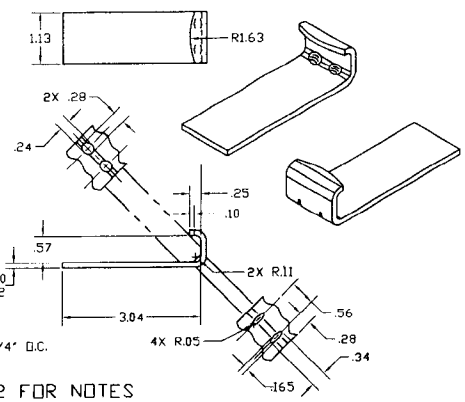
HEADROOM REQUIRED

OPENING HEIGHT	VERTICAL HEADROOM	HORIZONTAL HEADROOM
THRU 7'-4"	15-1/2"	17-1/2"
OVER 7'-4" THRU 8'-8"	16"	18"
OVER 8'-8" THRU 10'-0"	17"	18-1/4"

ASTM A653 GR 80 MIN FY=80 KSI.
G90 GALVANIZED STEEL OR G60 GALVANIZED STEEL WITH PRE-PAINTED SILICONE POLYESTER PAINT ON BOTH SIDES OF CURTAIN.

CURTAIN PANELS LOCK SEAMED TOGETHER.

CURTAIN DETAIL



WINDLOCK

MATERIAL:
G90 GALV
ASTM A653
STRUCTURAL
STEEL, GRADE 50,
CLASS I
MIN FY=50 KSI

WINDLOCK AT 3-1/4" O.C.

STRUCTURAL ENGINEER: JOSEPH H. DIXON, JR. P.E. FL #7768

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

DECIMAL		FRACTIONS	ANGLES	HOLE DIAMETERS	
.XX	±.03	± 1/16	± 0° 30'	UNDER .251	+.004 -.003
.XXX	±.005			.251 to .500	+.006 -.003
				OVER .500	+.008 -.003

SEE SHEET 2 FOR NOTES

PART NUMBER:	NA
MATERIAL:	NA
APPLIED FINISH:	NA
UNIT OF MEASURE:	NA
APPROVALS	DATE
DRAWN: BECKY NELSON	7-25-03
CHECKED: DON MILLS	9-15-03
APPROVED: DON MILLS	9-15-03

JANUS INTERNATIONAL CORPORATION
134 JANUS INTERNATIONAL BLVD TEMPLE, GA 30179
770-562-2850/Fax 770-562-2264

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FLORIDA STATE MINI DOOR SERIES 850-S
MAX. SIZE 8'-8" X 12'-0"

SIZE	DRAWING NUMBER:	REV:
B	T1006-S	B

SCALE: NONE SHEET: 1 OF: 2

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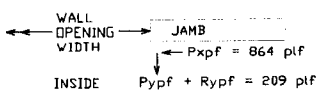
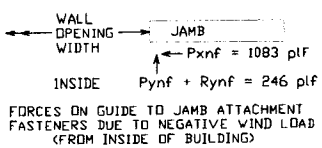
GENERAL NOTES

1. THIS ROLL-UP DOOR SYSTEM HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE UNIFORM STATIC AIR PRESSURE TEST PER TAS 202-94, THE LARGE MISSILE IMPACT TEST PER TAS 201-94 AND THE CYCLIC WIND PRESSURE LOADING TEST PER TAS 203-94, IN AN INDEPENDENT TESTING LAB CONFORMING TO TAS 301-94. CURTAIN MATERIAL THICKNESS OF .017" (26 GA) AND .022" (24 GA) WERE BOTH QUALIFIED BY THE TEST PROCEDURE.
2. THE DOOR IS DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE APPLICABLE PROVISIONS FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
3. DESIGN LOAD RATING = +46.0 PSF POSITIVE WIND LOAD
   -54.0 PSF NEGATIVE WIND LOAD
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 ITS DESIGN LOAD MEETS OR EXCEEDS THE DESIGN LOAD REQUIRED FOR THE BUILDING OPENING.
5. THE BUILDING ENGINEER SHALL VERIFY THE ADEQUACY OF THE BUILDING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS Pxpf, Pypf + Rypf, Pxnf and Pynf + Rynf.
6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH THE LATEST EDITION OF AWS SPECIFICATIONS. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1, GRADE E-70.
7. ALL BOLTS AND WASHERS SHALL BE GALVANIZED STEEL OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
8. DOORS SHALL BE PROVIDED WITH A SINGLE CURTAIN MOUNTED SLIDE LOCK LATCH THAT ENGAGES THE DOOR GUIDE WHEN DOOR IS FULLY CLOSED.
9. DOOR ASSEMBLY DESIGN BASED ON CERTIFIED TESTING LABORATORIES, INC., TEST REPORT NO. CTLA-1115W.
10. ANCHOR NOTES:
    A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
    B. FOR HOLLOW MASONRY BLOCK, FILL ALL CELLS AT ANCHOR LOCATIONS WITH MINIMUM 2000 PSI GROUT.
    C. CONCRETE JAMBS TO BE MINIMUM 2000 PSI.
    D. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
11. GUIDE TO JAMB ATTACHMENT FASTENERS BEGIN 4" FROM FLOOR AND END 3½" BELOW TOP OF WALL OPENING.
12. TEST DOOR WALL OPENING SIZE: 8'-8" X 8'-0".

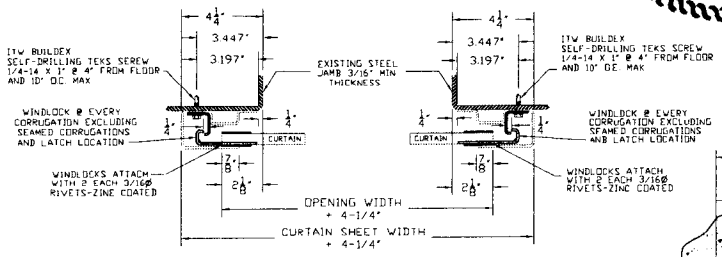


FORCES ON GUIDE TO JAMB ATTACHMENT FASTENERS DUE TO POSITIVE WIND LOAD (FROM OUTSIDE OF BUILDING)

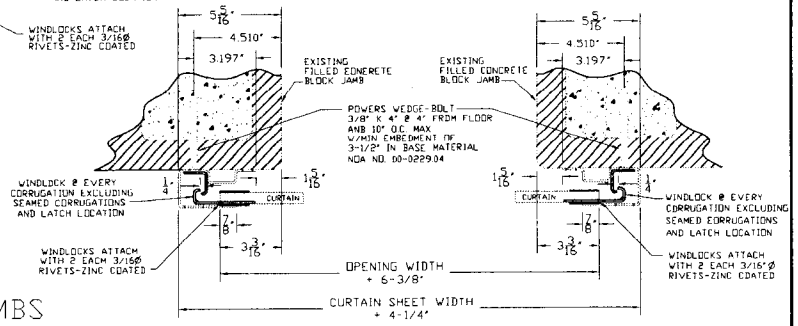


FORCES ON GUIDE TO JAMB ATTACHMENT FASTENERS DUE TO NEGATIVE WIND LOAD (FROM INSIDE OF BUILDING)

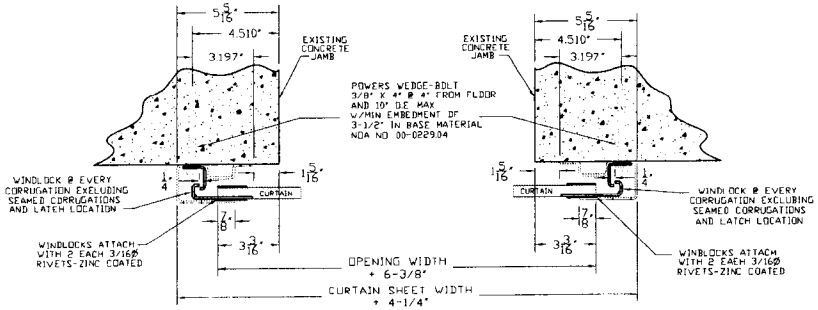
STEEL JAMBS



FILLED BLOCK JAMBS



CONCRETE JAMBS



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SCALE: NONE SHEET: 2 OF: 2