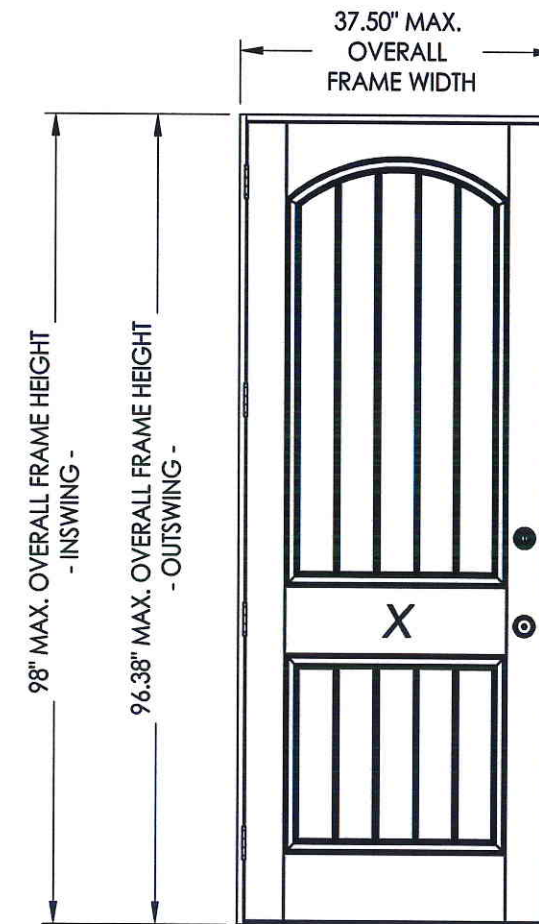




AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

TIMBERLINE DELUXE OPAQUE FIBERGLASS SINGLE DOOR IN SWING / OUT SWING "IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass door described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

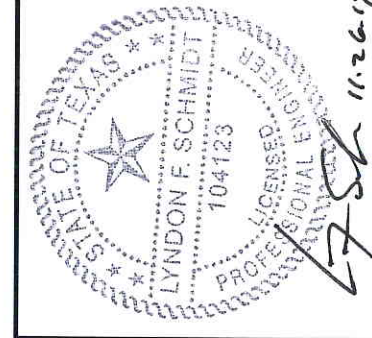
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection (Seaward and Inland I areas), this product complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Frame anchoring
6	Bill of materials and components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) IN SWING		DESIGN PRESSURE (PSF) OUT SWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.50" x 98.00"	+65.0	-65.0	+70.0	-70.0

NOTE: See Sheet 2 for hardware design pressure limitations.



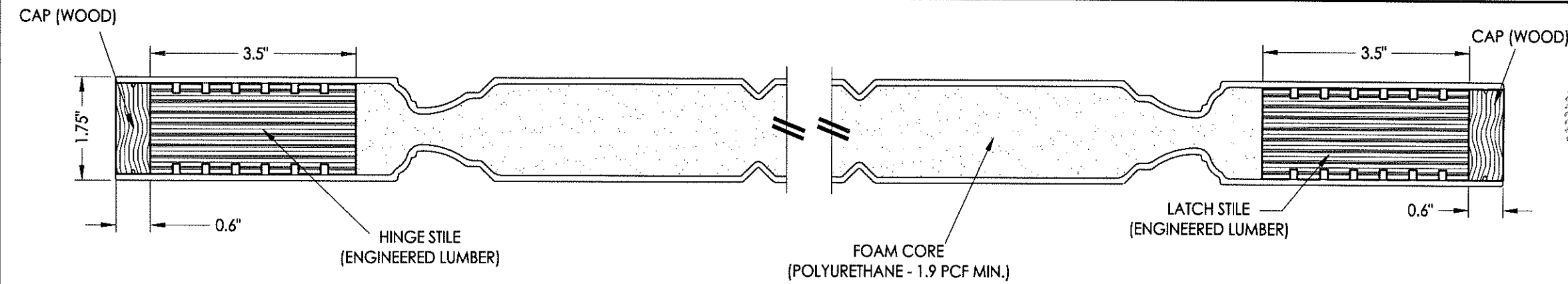
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123
LFS 11-26-14

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

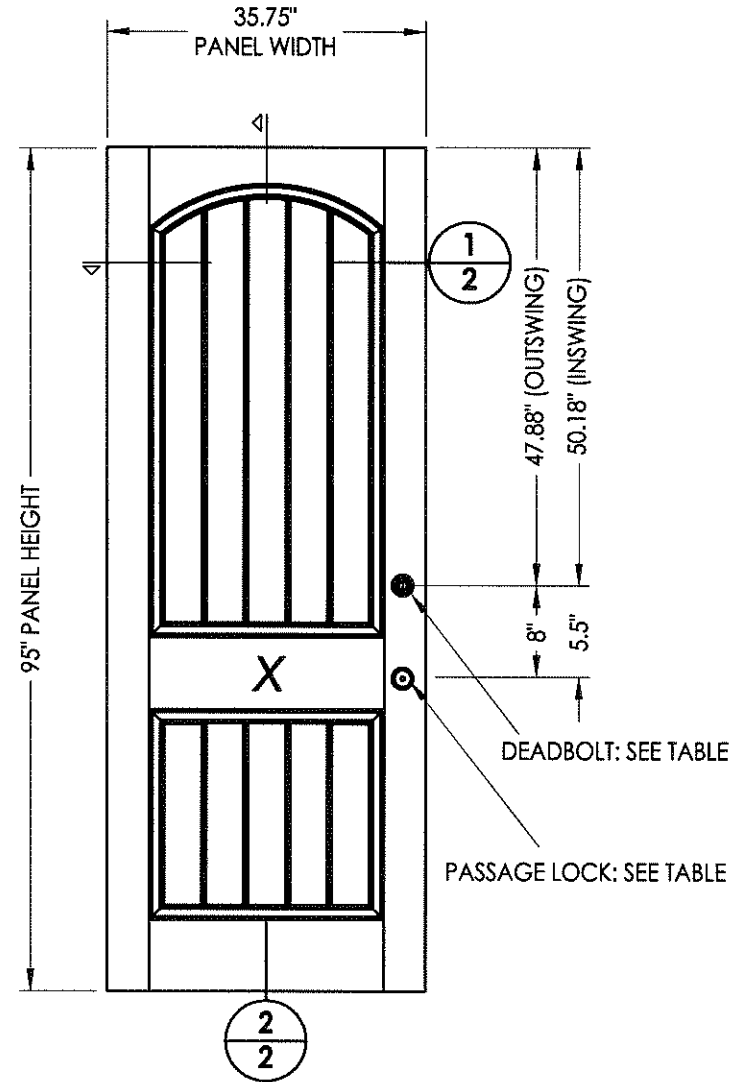
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	TAYLOR FIBERGLASS DOOR	
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
NO.	DATE	BY
REVISIONS		
DATE:	11/26/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4513	
SHEET	1 OF 6	

R:\Clients\Taylor Permanent\Texas Dept of Ins\TDI - DR 606 6'8 & 8'0 Sgl Opaque FG Doors Impact\Drawings\Current\TX-4512-13.dwg, 2 (2)

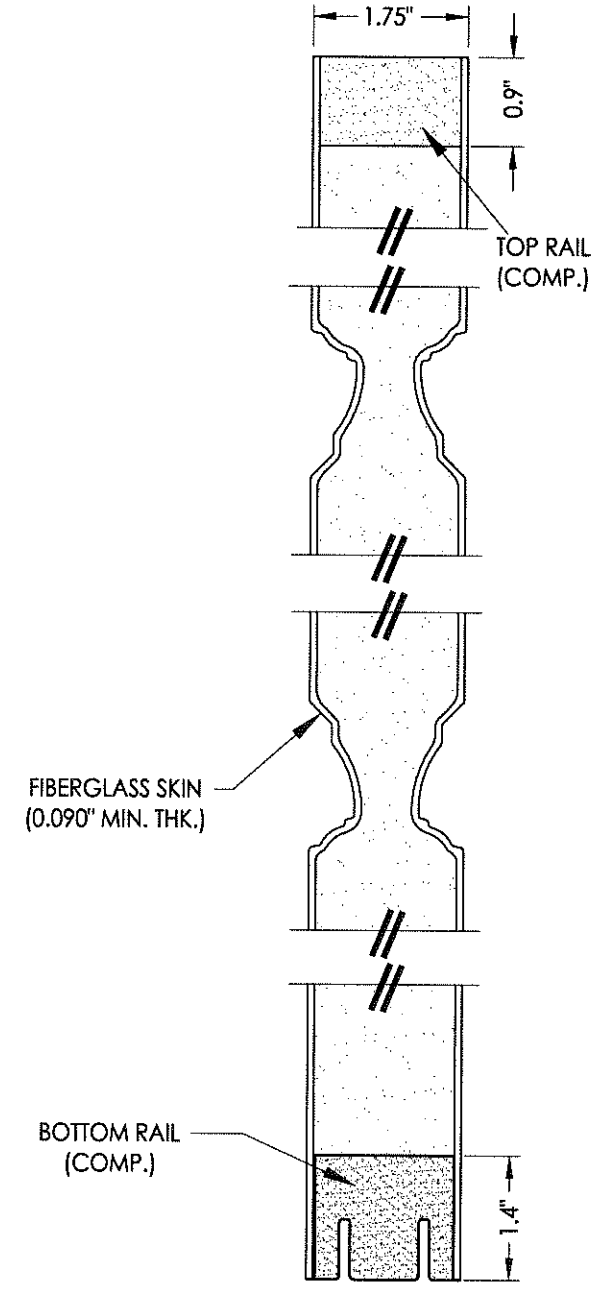


1
2 **HORIZONTAL CROSS SECTION**

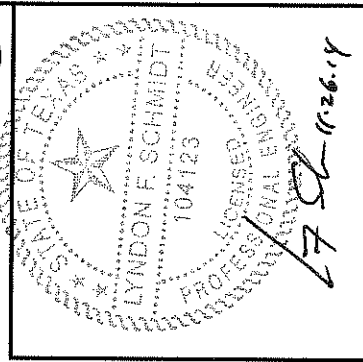


40 **DOOR PANEL**
Taylor Door
w/ Mastergrain Fiberglass skins

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE
KWIKSET	Knob:	KWIKSET SIGNATURE SERIES	70 PSF
	Deadbolt:	KWIKSET SIGNATURE SERIES (980)	
SCHLAGE	Knob:	"F" SERIES	65 PSF
	Deadbolt:	"B" SERIES	



2
2 **VERTICAL CROSS SECTION**

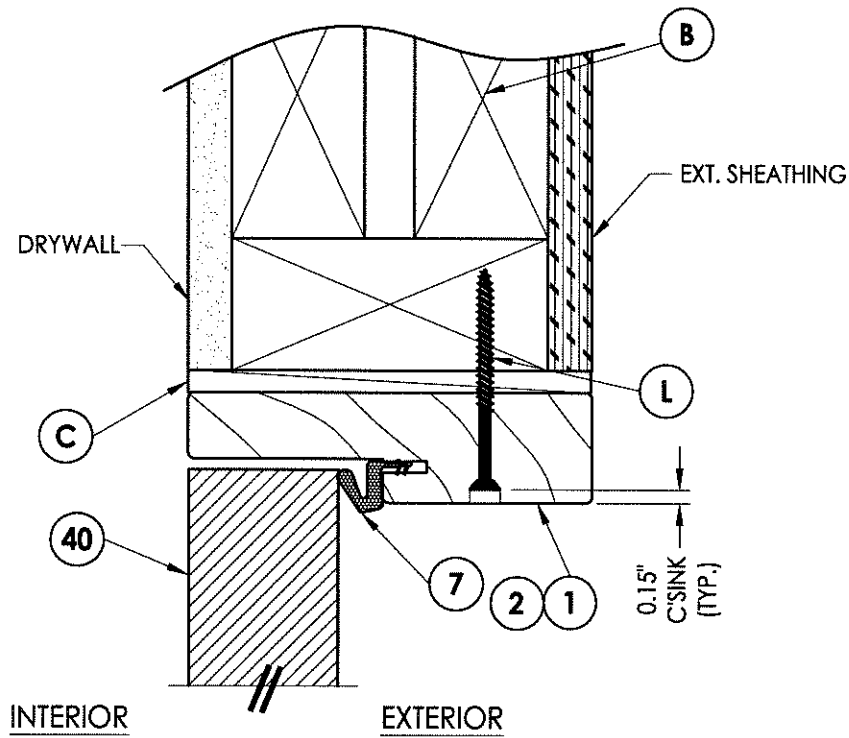


Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

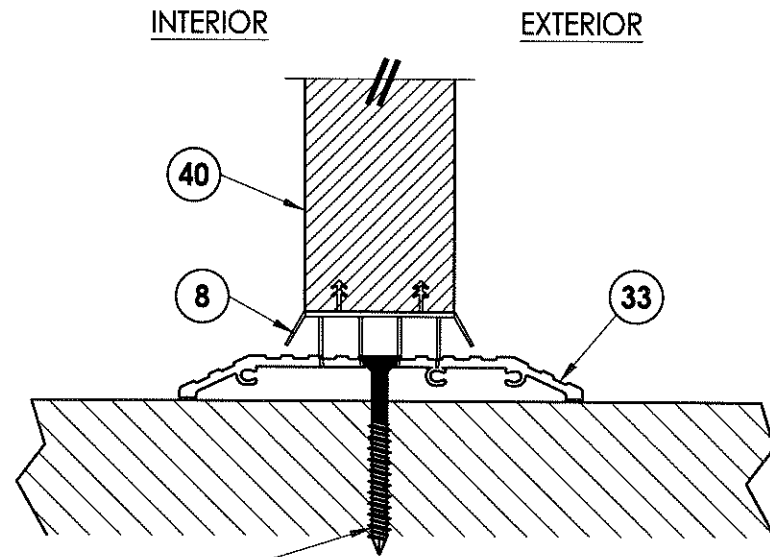
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

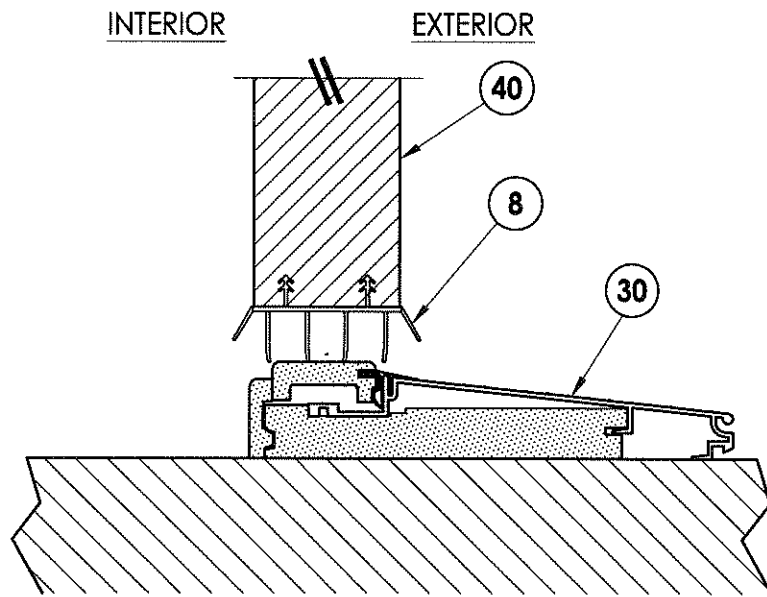
PRODUCT:	TAYLOR FIBERGLASS DOOR	
PART OR ASSEMBLY:	DOOR PANEL DETAILS	
NO.	DATE	BY
REVISIONS		
DATE:	11/26/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4513	
SHEET	2	OF 6



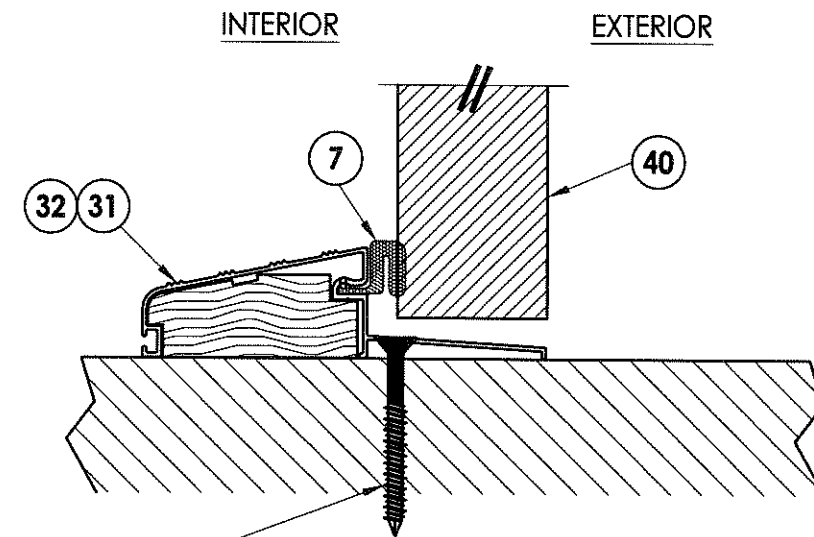
1 VERTICAL CROSS SECTION
4 Inswing shown - outswing also approved



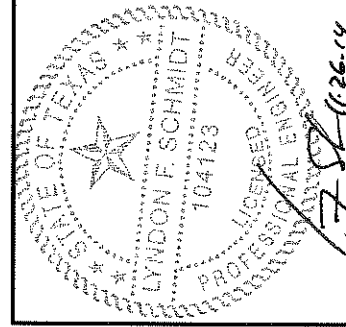
J WOOD
P CONCRETE
4 VERTICAL CROSS SECTION
4 Shown w/ ADA threshold



2 VERTICAL CROSS SECTION
4 Inswing configuration



J WOOD
P CONCRETE
3 VERTICAL CROSS SECTION
4 Outswing configuration



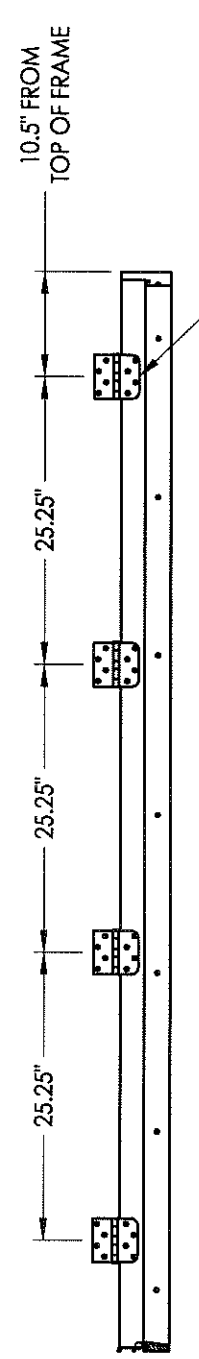
Documents Prepared By: Lyndon F. Schmidt, P.E.
 TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 TEXAS BOARD OF PROFESSIONAL ENGINEERS
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: TAYLOR FIBERGLASS DOOR
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

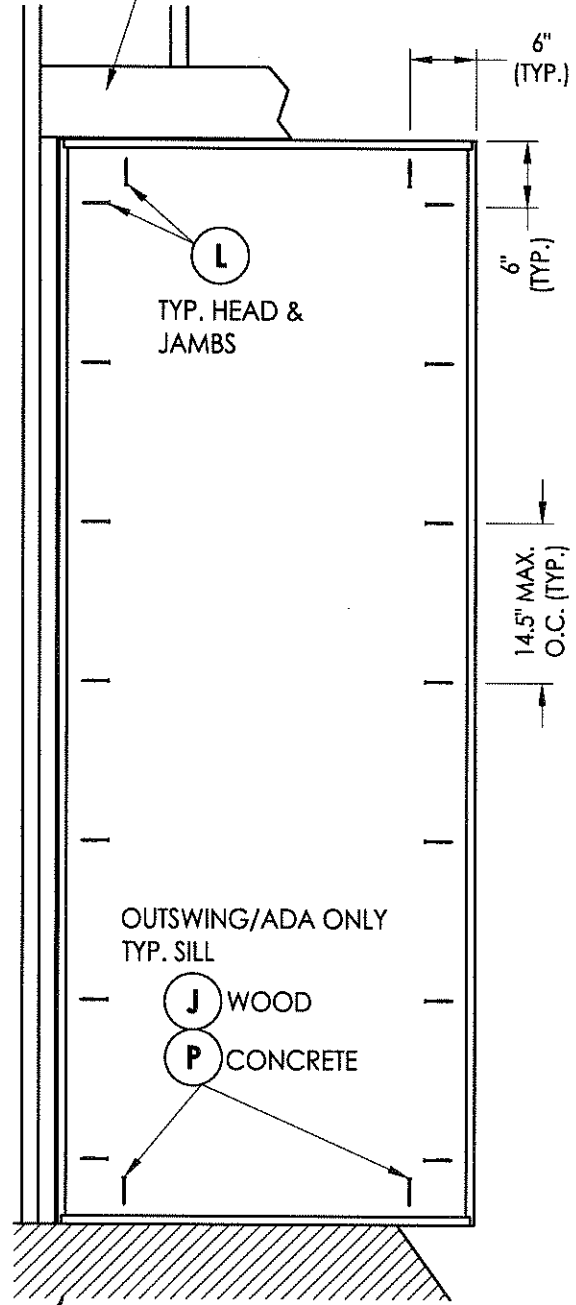
DATE: 11/26/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4513
 SHEET 4 OF 6



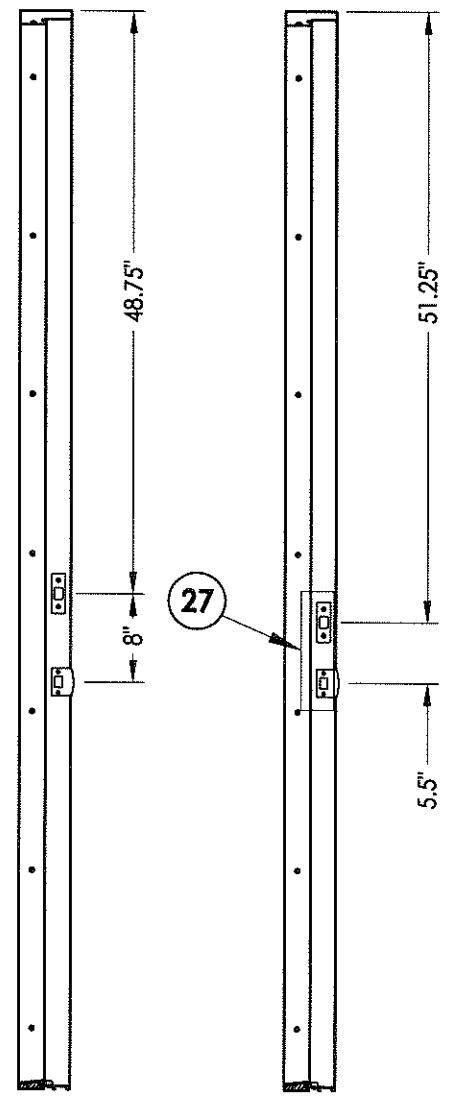
HINGE JAMB

2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED (TYP).

SEE HINGE DETAIL (TYP.)

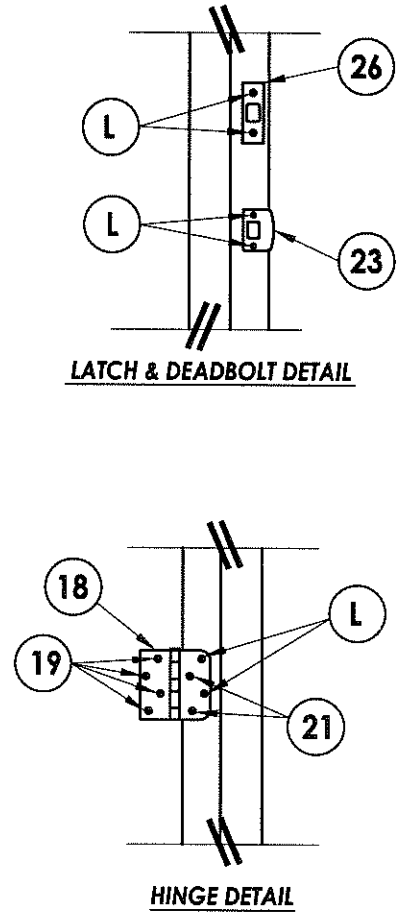


FLOOR SUBSTRATE MATERIAL
CONCRETE (MIN. 3000 PSI)
WOOD (G >= 0.42)



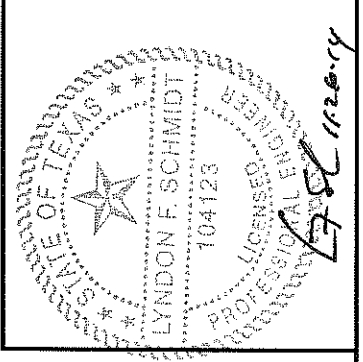
STRIKE JAMB
Outswing

STRIKE JAMB
Inswing



LATCH & DEADBOLT DETAIL

HINGE DETAIL



Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairco FL 33595
Phone No.: 813.859.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: TAYLOR FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY	REVISIONS

DATE: 11/26/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4513

SHEET 5 OF 6

