



**Taylor
Building
Products, Inc.**

631 N. FIRST ST.
WEST BRANCH, MI 48661

**TIMBERLINE DELUXE
OPAQUE FIBERGLASS SINGLE DOOR
INSWING / OUTSWING
"IMPACT"**

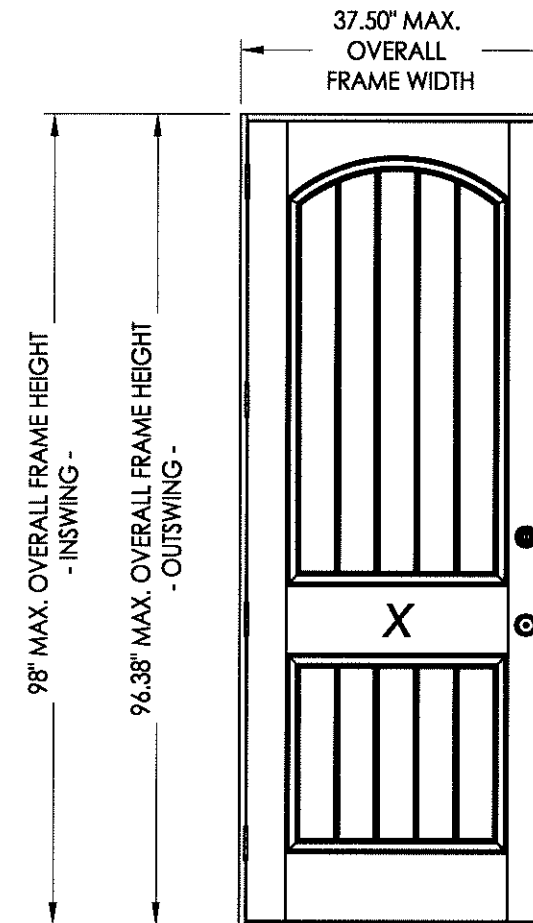
EVALUATED FOR USE IN THE STATE OF TEXAS

The Taylor 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.

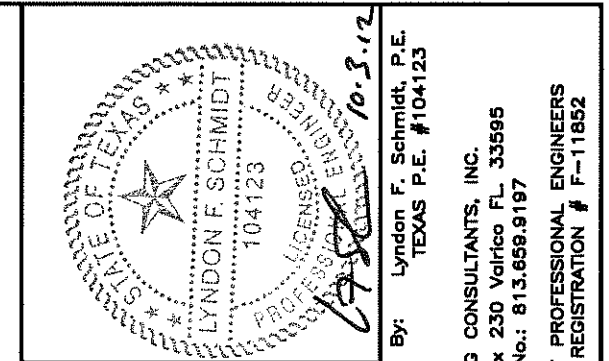
TABLE OF CONTENTS

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) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		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.



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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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 9/27/12

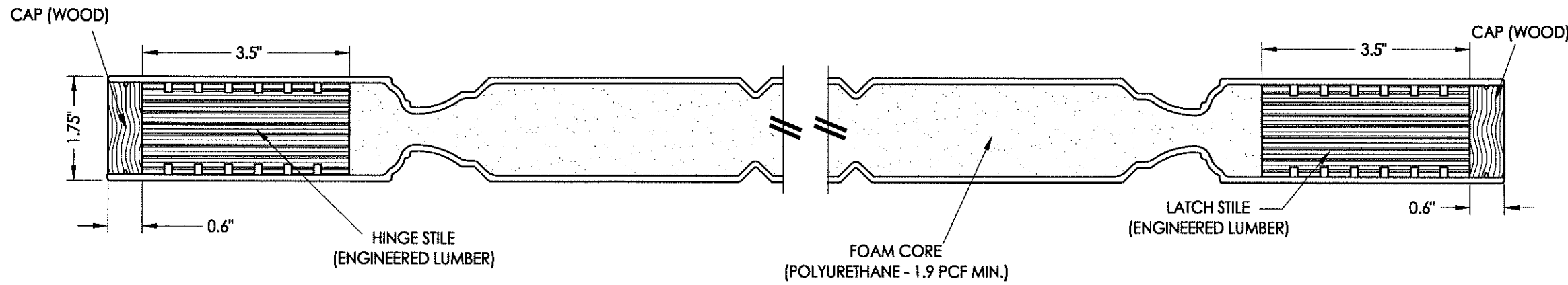
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DWG. BY: JK

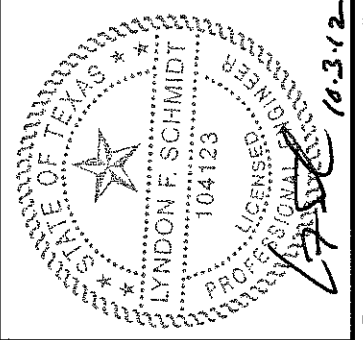
CHK. BY: LFS

DRAWING NO.: TX-4249

SHEET 1 OF 6



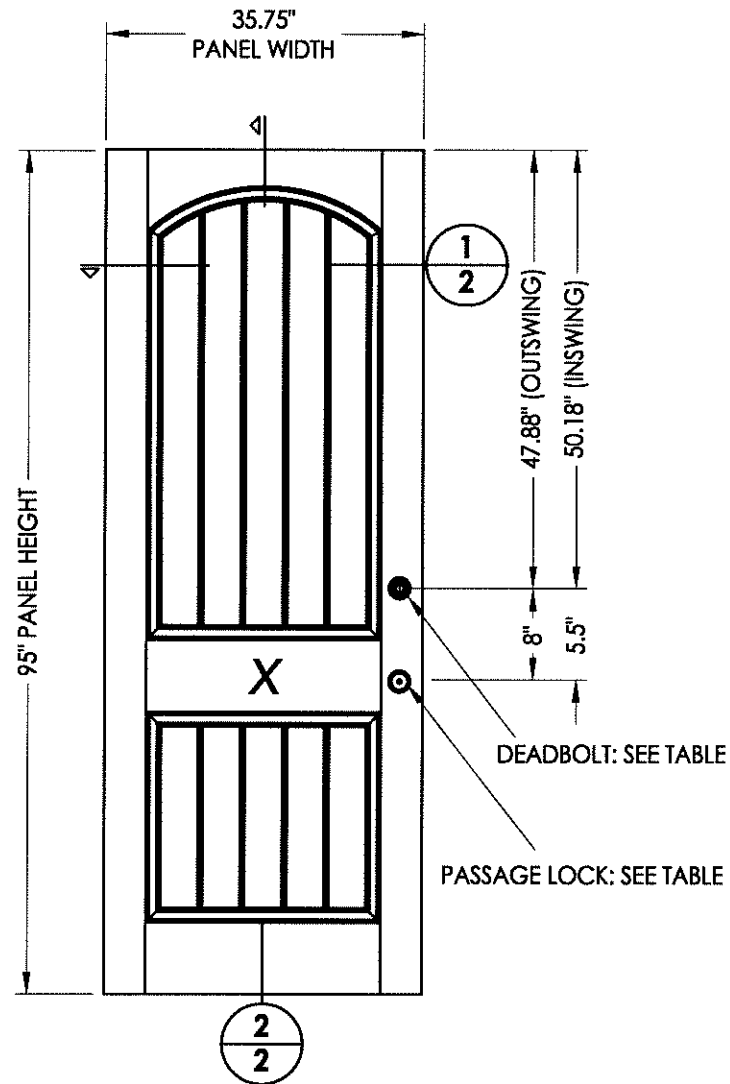
1
2 HORIZONTAL CROSS SECTION



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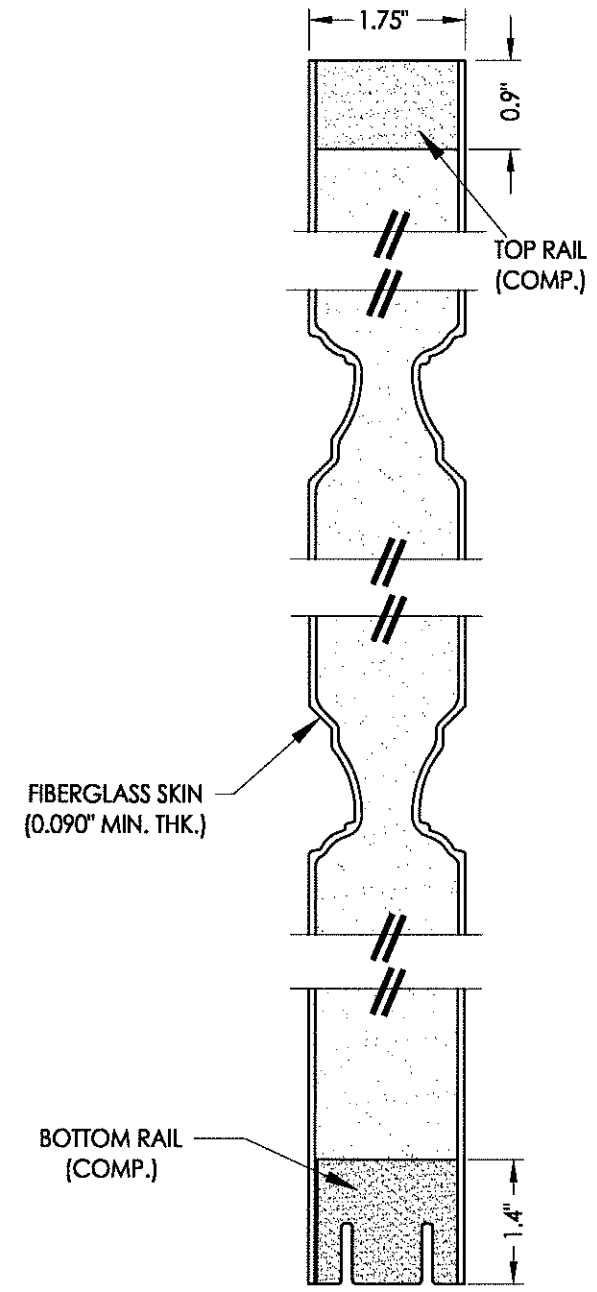
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CERTIFICATE OF REGISTRATION # F-11852



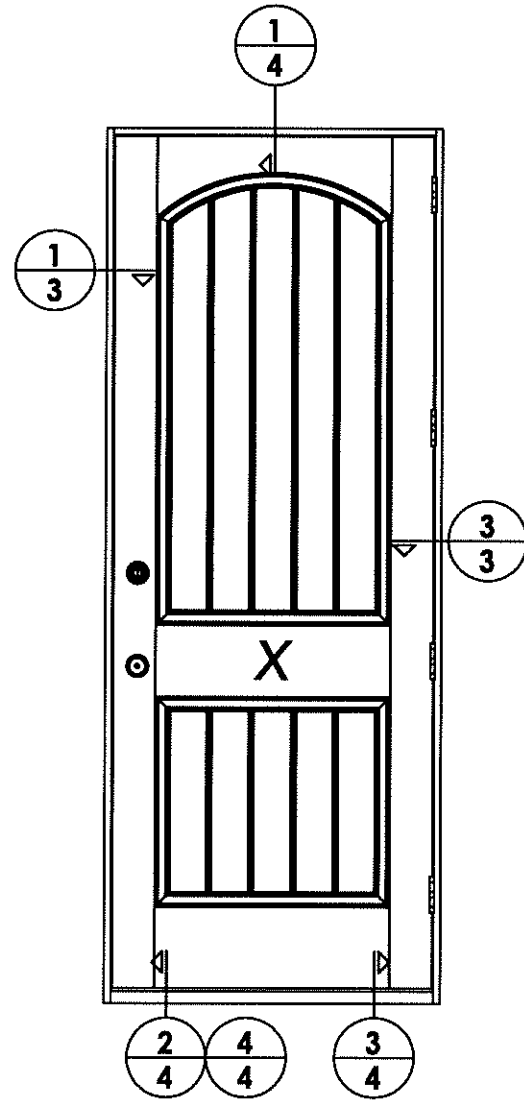
40 DOOR PANEL
Taylor Door
w/ Mastergrain Fiberglass skins

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	

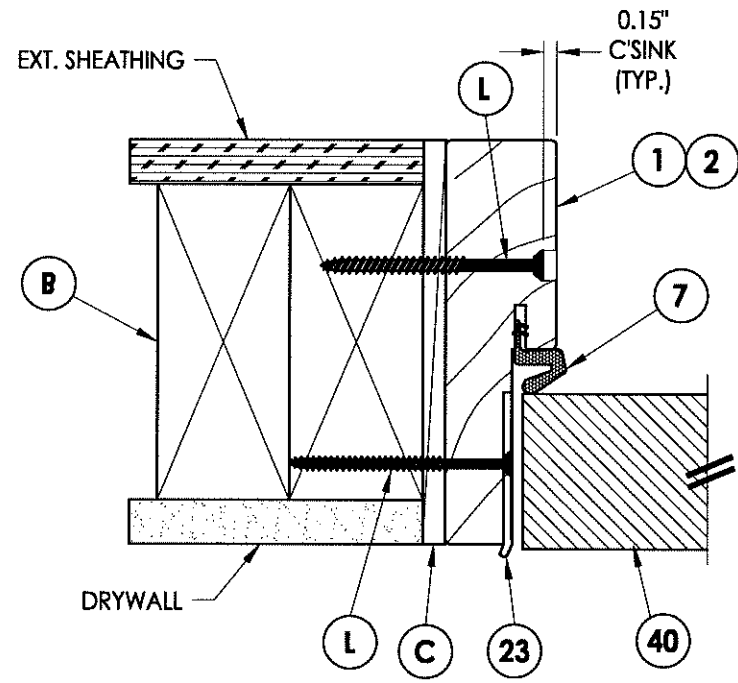


2
2 VERTICAL CROSS SECTION

PRODUCT:	TAYLOR FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS
NO.	DATE
BY	REVISIONS
DATE:	9/27/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4249
SHEET	2 OF 6



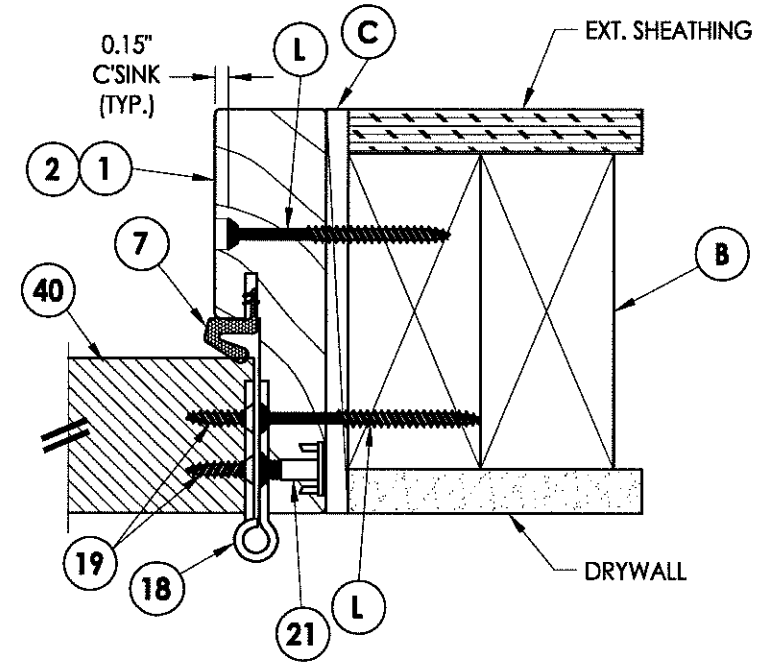
ELEVATION (X)



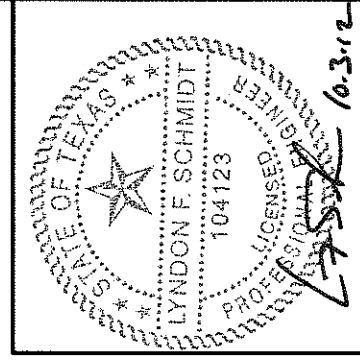
1 HORIZONTAL CROSS SECTION
 3 Inswing shown - outswing also approved

EXTERIOR

INTERIOR



3 HORIZONTAL CROSS SECTION
 3 Inswing shown - outswing also approved



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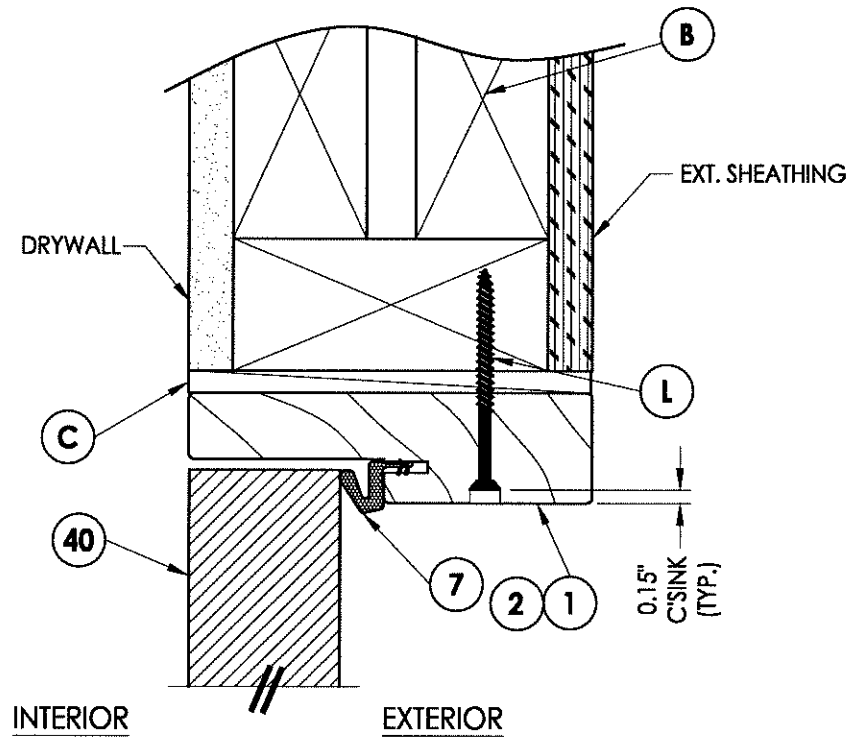
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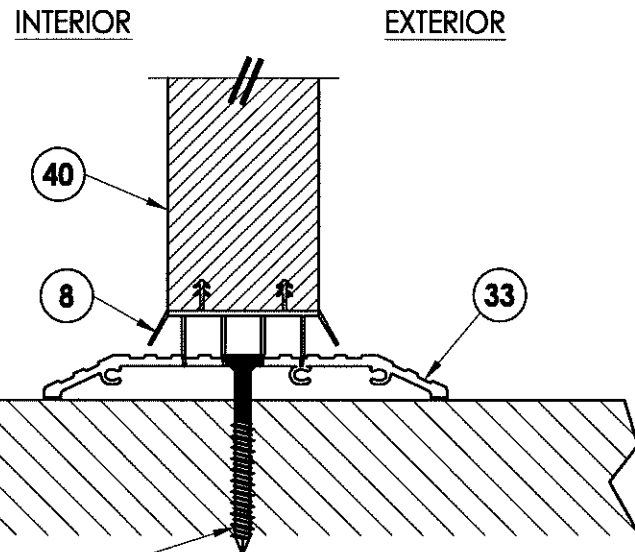
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PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

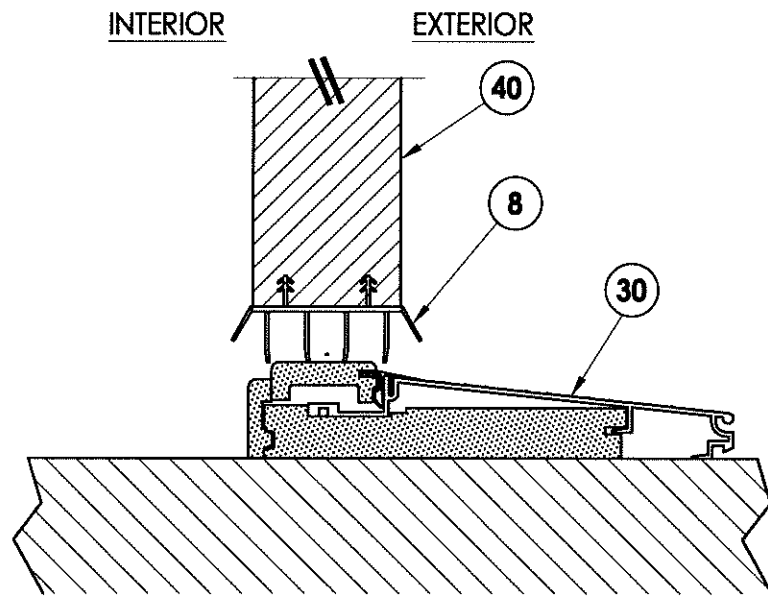
DATE:	9/27/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4249
SHEET	3 OF 6



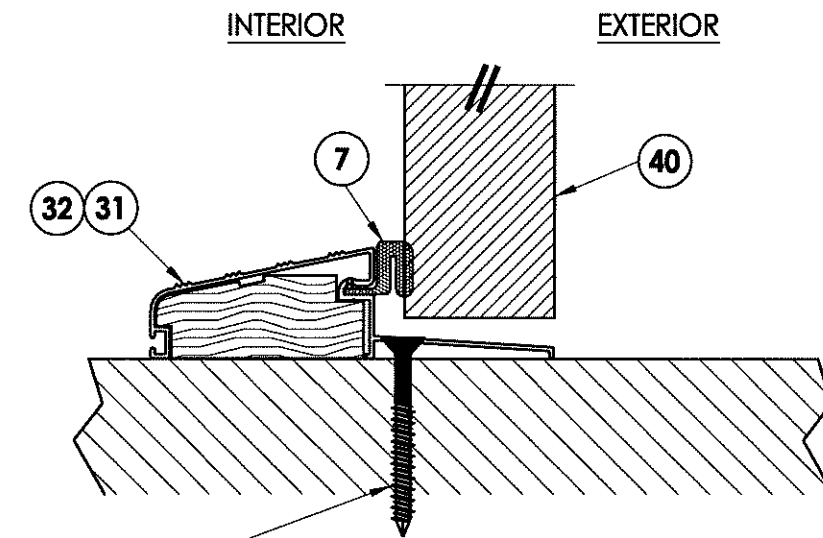
1 VERTICAL CROSS SECTION
4 Inswing shown - outswing also approved



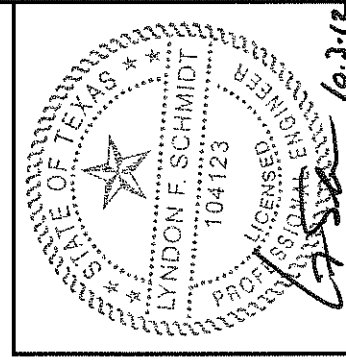
J WOOD
P CONCRETE
4 VERTICAL CROSS SECTION
4 Shown w/ ADA threshold



2 VERTICAL CROSS SECTION
4 Inswing configuration



J WOOD
P CONCRETE
3 VERTICAL CROSS SECTION
4 Outswing configuration

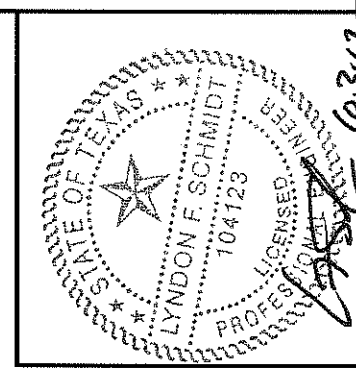
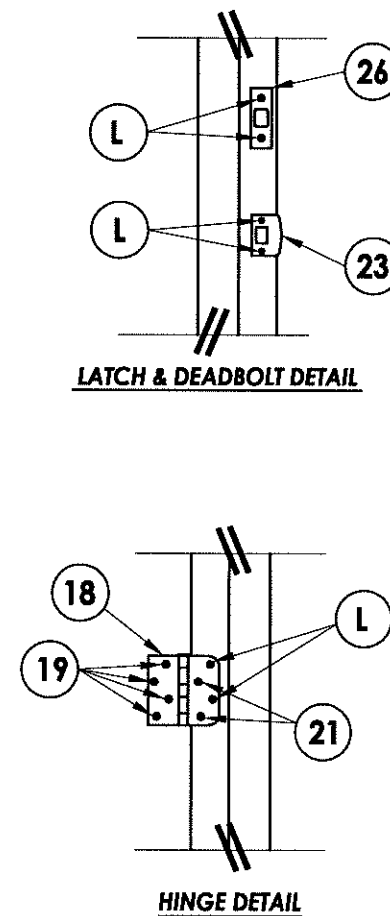
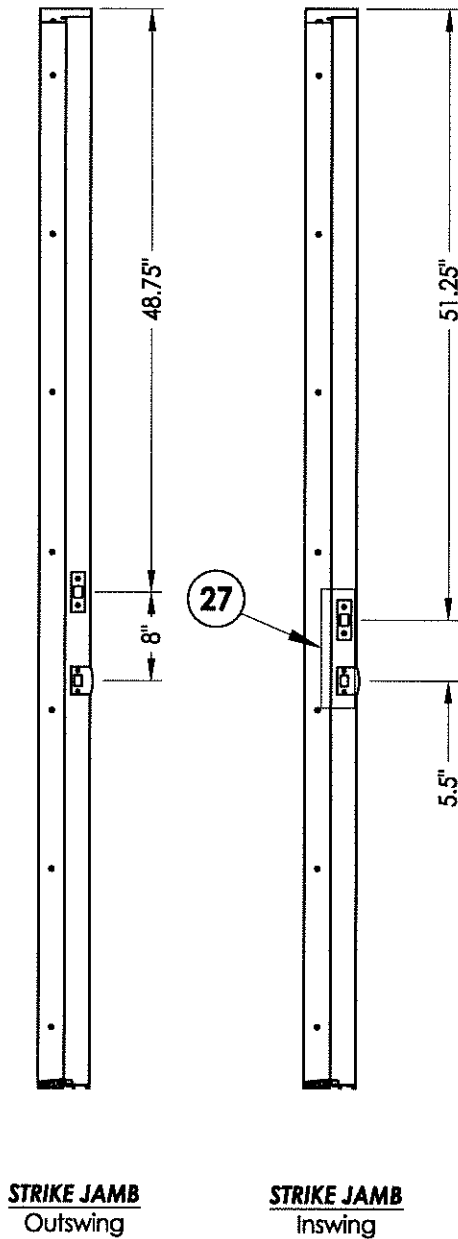
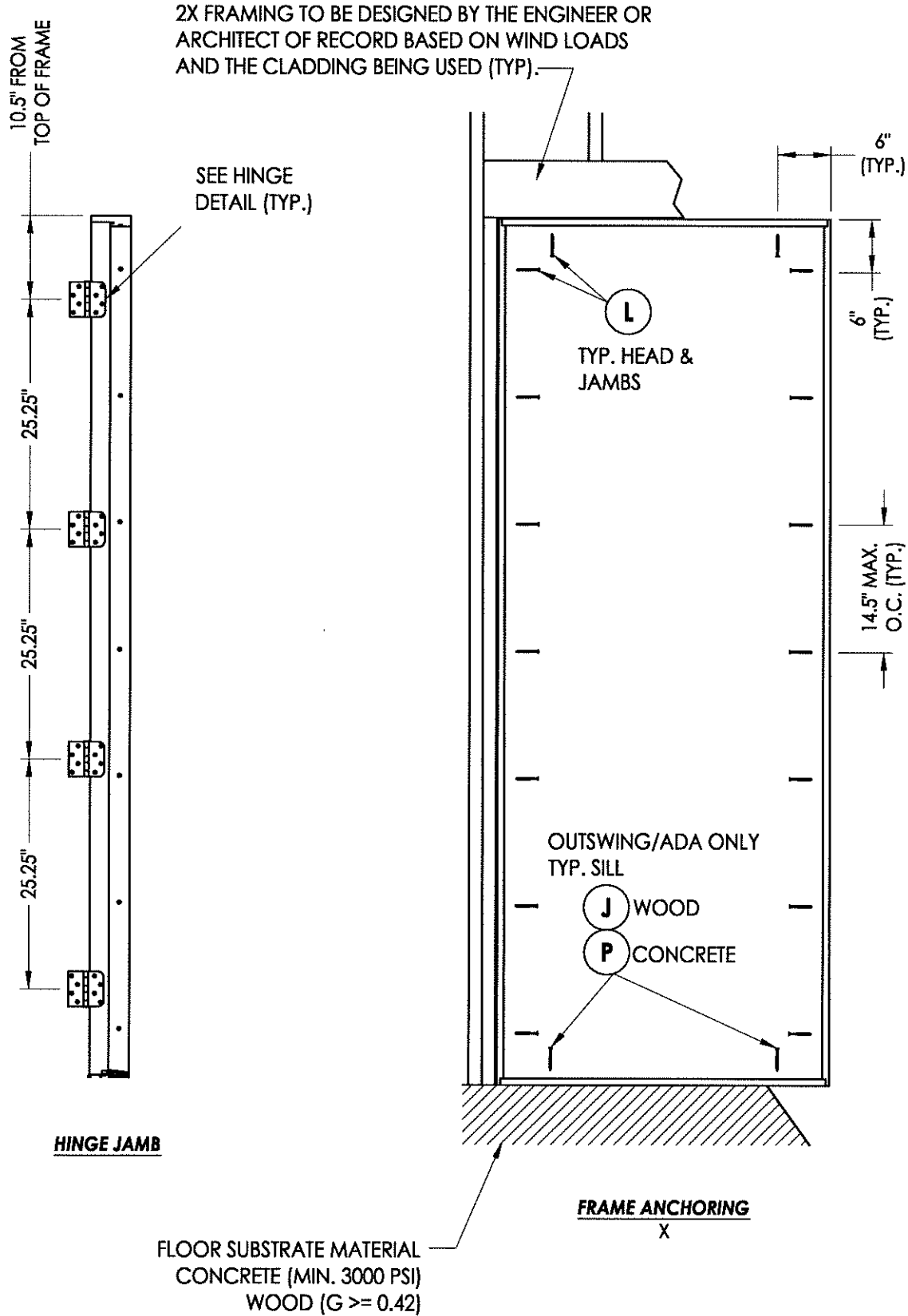


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 TEXAS BOARD OF PROFESSIONAL ENGINEERS
 CERTIFICATE OF REGISTRATION # F-11852

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

NO.	DATE	BY	REVISIONS

DATE: 9/27/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4249
 SHEET 4 OF 6



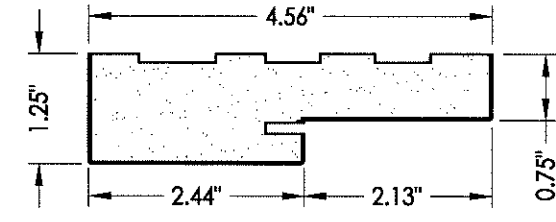
Documents Prepared By: Lyndon F. Schmidt, P.E. TEXAS P.E. #104123		RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.858.9197 TEXAS BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF REGISTRATION # F-11852	
PRODUCT:	TAYLOR FIBERGLASS DOOR	NO.	DATE
PART OR ASSEMBLY:	FRAME ANCHORING		
BY:		BY:	
REVISIONS			
DATE:	9/27/12		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	TX-4249		
SHEET	5	OF	6

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
J	#10 X 3 PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW	
P	1/4" PFH ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
1	JAMB - FINGERJOINT PINE	WOOD
2	JAMB - POLY FIBER	POLY FIBER
7	WEATHER STRIP (Q-LON)	FOAM
8	DOOR BOTTOM SWEEP	VINYL
18	4" X 4" HINGE	STEEL
19	#10 X 3/4" PFH WS	STEEL
21	#10 X 3/4" PFH WS (Wood Jamb) #10-24 X 5/8" M.S. w/ 1/2" STAFast INSERT P/N D102413 (Wood or Poly Fiber Jamb) #10-24 X 5/8" M.S. w/ 3/8" STAFast PRONG TEE NUT (Wood or Poly Fiber Jamb)	STEEL
23	LATCH STRIKE PLATE	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	DEADBOLT STRIKE PLATE	STEEL
27	REINFORCEMENT PLATE	STEEL
30	INSWING THRESHOLD	ALUM/COMP
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-

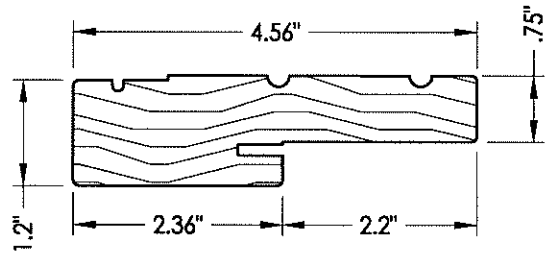
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

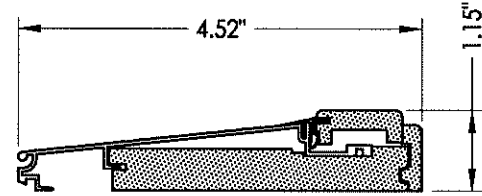
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-3/4"	2-1/2"	3"
ELCO ULTRACON®	1/4"	1-3/4"	1"	3"



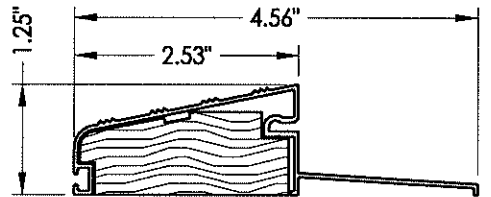
1 POLY FIBER JAMB



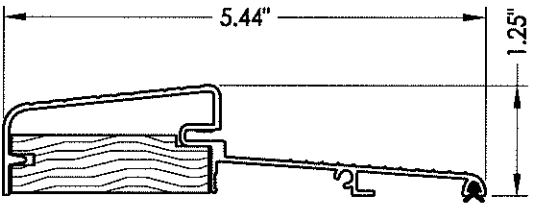
2 WOOD JAMB



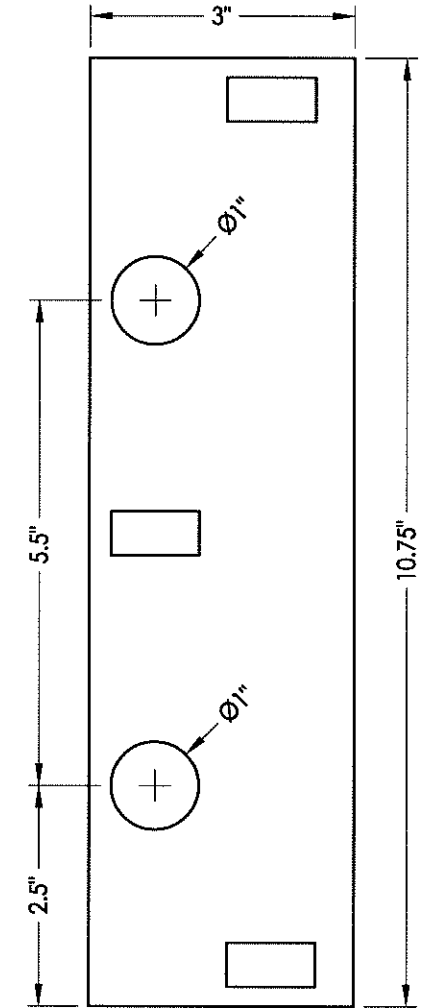
30 INSWING THRESHOLD
By Imperial



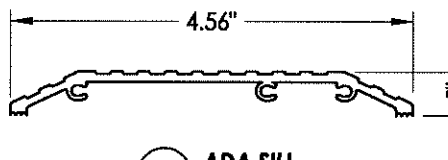
31 OUTSWING THRESHOLD
QOSH by DLP



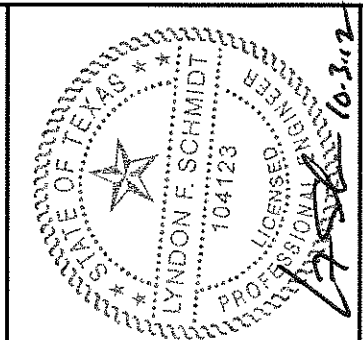
32 OUTSWING THRESHOLD
By Combo



27 REINFORCEMENT PLATE
16 GA.
(Inswing only)



33 ADA SILL



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PRODUCT:	TAYLOR FIBERGLASS DOOR	
PART OR ASSEMBLY:	BILL OF MATERIALS AND COMPONENTS	
NO.	DATE	BY
REVISIONS		
DATE: 9/27/12		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: TX-4248		
SHEET 6 OF 6		