



SURE ROCK OPAQUE FIBERGLASS ENTRY DOORS INSWING / OUTSWING "NON-IMPACT"

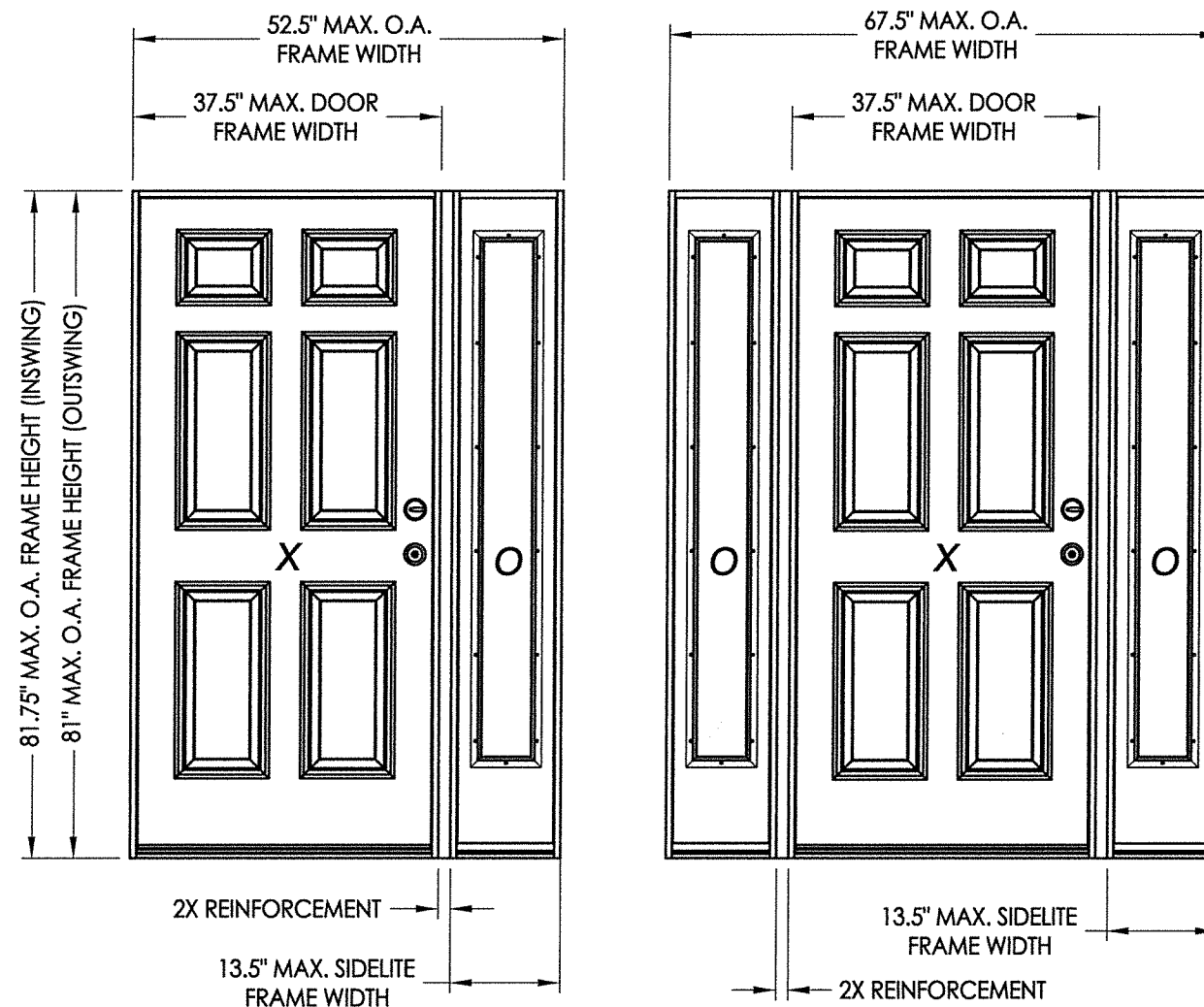
EVALUATED FOR USE IN THE STATE OF TEXAS

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:

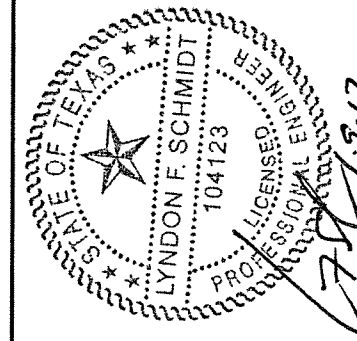
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
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.

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2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections
6	Vertical Cross Sections
7	Frame Anchoring
8	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO/OX	52.5\"	2X	+45.0	-55.0	+45.0	-45.0
OXO	67.5\"	2X	+45.0	-55.0	+45.0	-45.0



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: SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 1/09/17

SCALE: N.T.S.

DWG. BY: JK

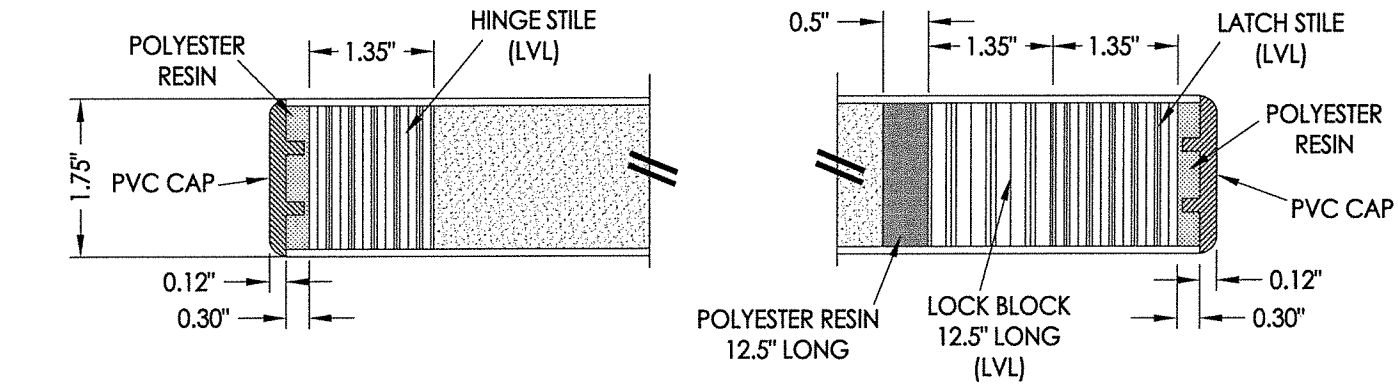
CHK. BY: LFS

DRAWING NO.:

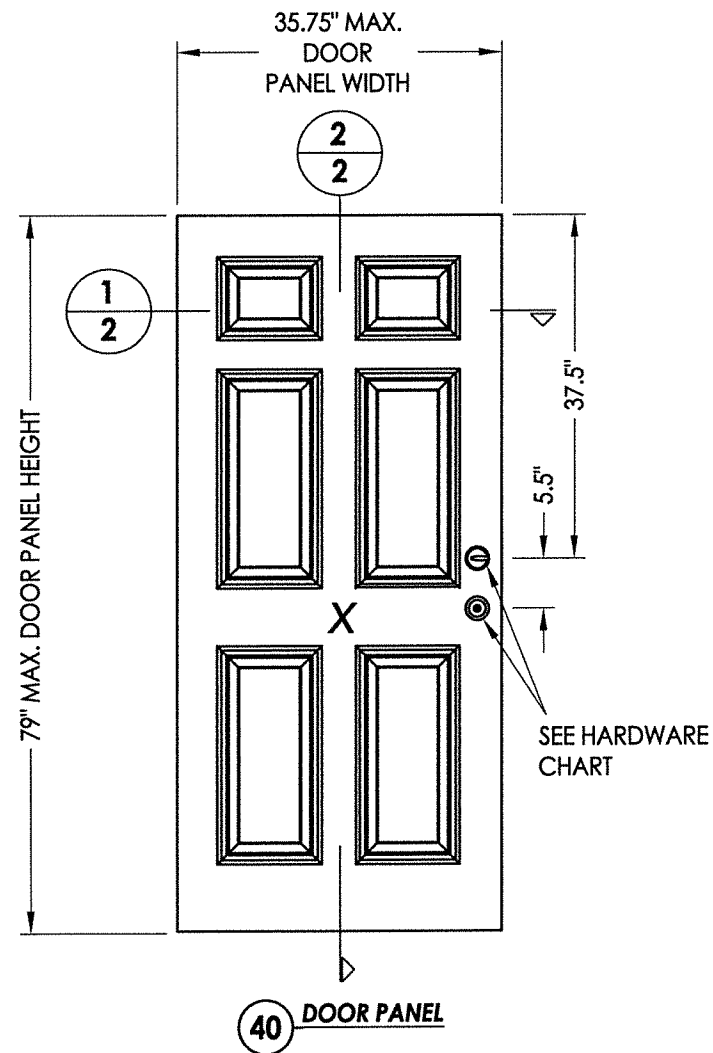
TX-4819

SHEET 1 OF 8

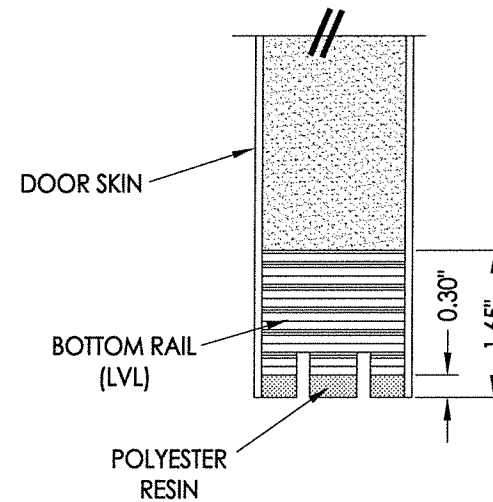
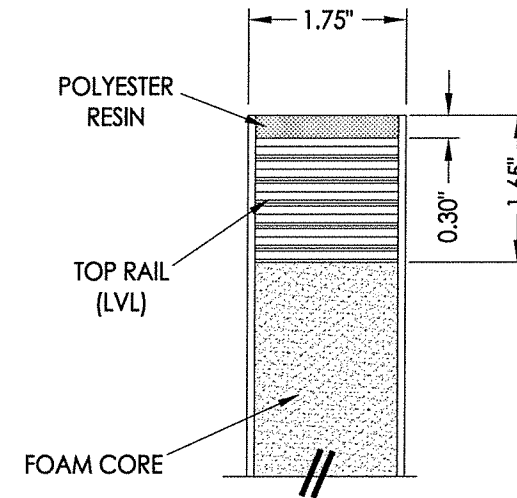
R:\Clients\HM Sure Rock Permanent\B - Texas Dept of Ins\SUB ID 6450 - 6'8 Fiberglass Non-Impact Door - Opaque\C - Drawings\TX-4818-20.dwg, 2.2



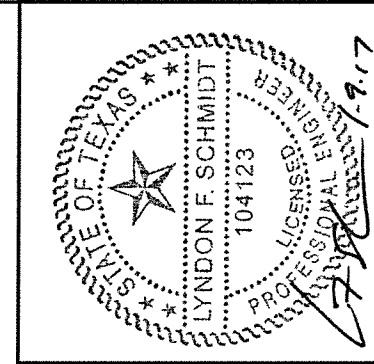
1
2
HORIZONTAL CROSS SECTION



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	Signature Series
	DEADBOLT:	Signature Series (980)
SCHLAGE	KNOB:	F Series (F51)
	DEADBOLT:	B Series (B60N)



2
2
VERTICAL CROSS SECTION



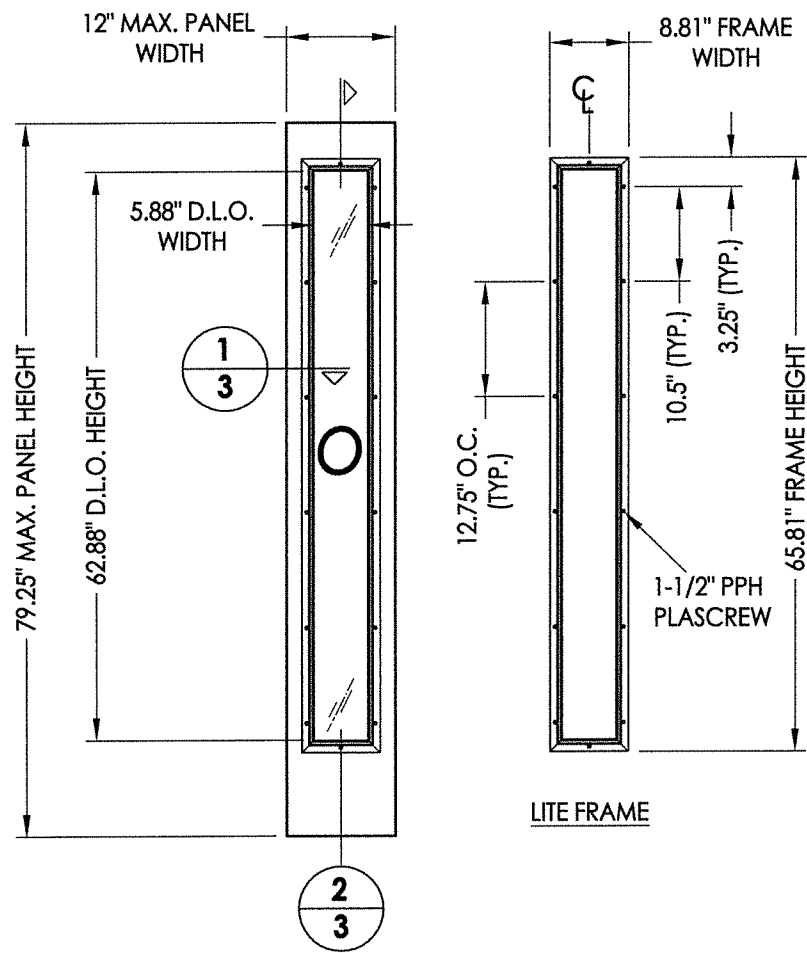
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TEXAS P.E. #104123

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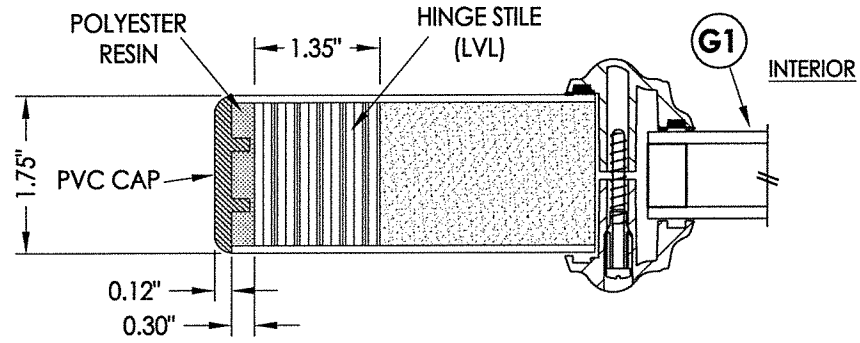
PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
NO.		DATE	
BY		REVISIONS	
DATE:		1/09/17	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		TX-4819	
SHEET		2 OF 8	

R:\Clients\HM Sure Rock Permanent\B - Texas Dept of Ins\SUB ID 6450 - 6'8 Fiberglass Non-Impact Door - Opaque\C - Drawings\TX-4818-20.dwg, 3.2

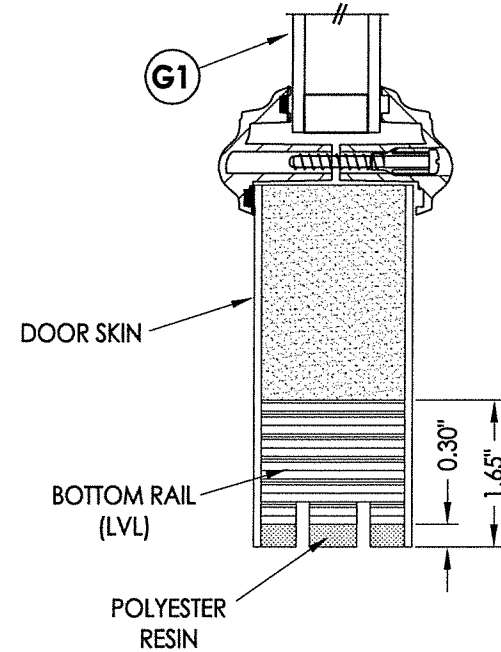
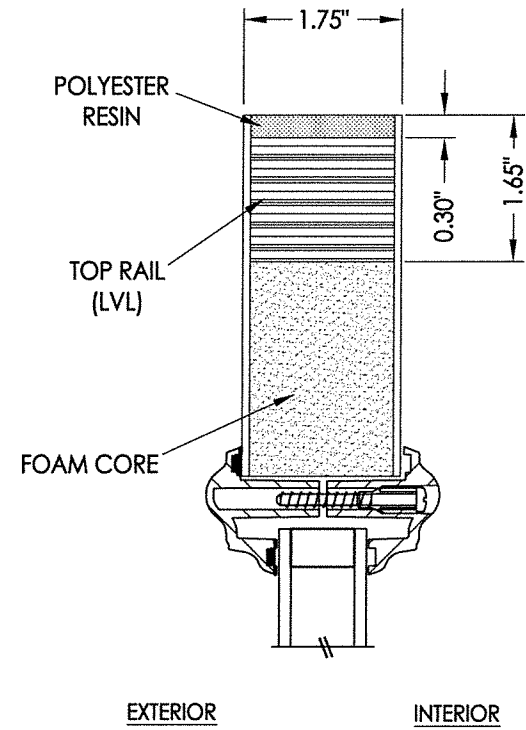
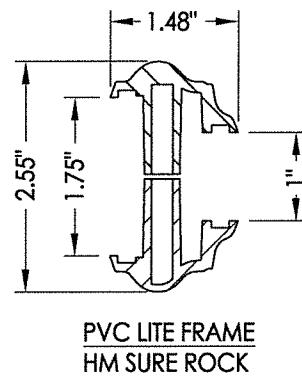
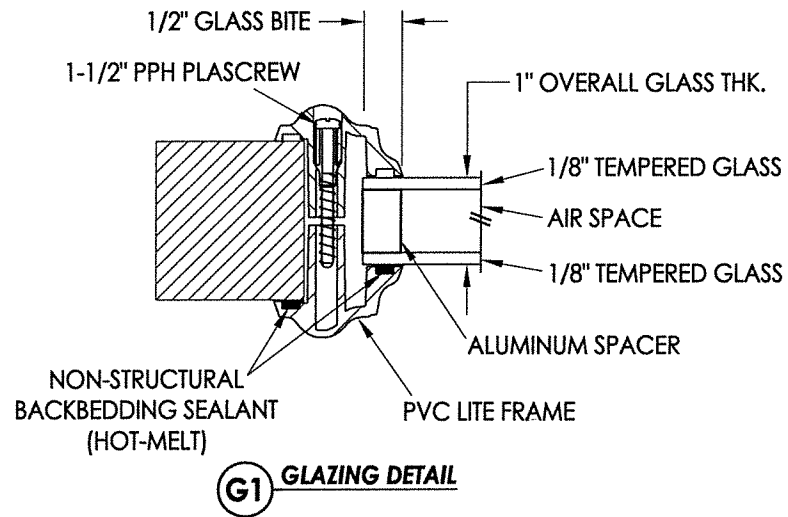


40 SIDELITE PANEL

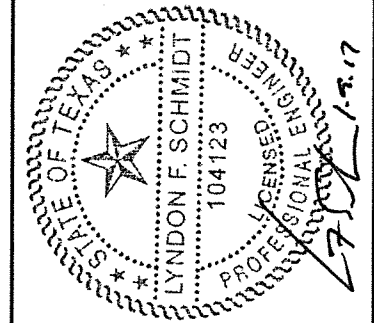
FIBERGLASS SIDELITE SKIN: MIN. 0.070" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



1 3 HORIZONTAL CROSS SECTION



2 3 VERTICAL CROSS SECTION

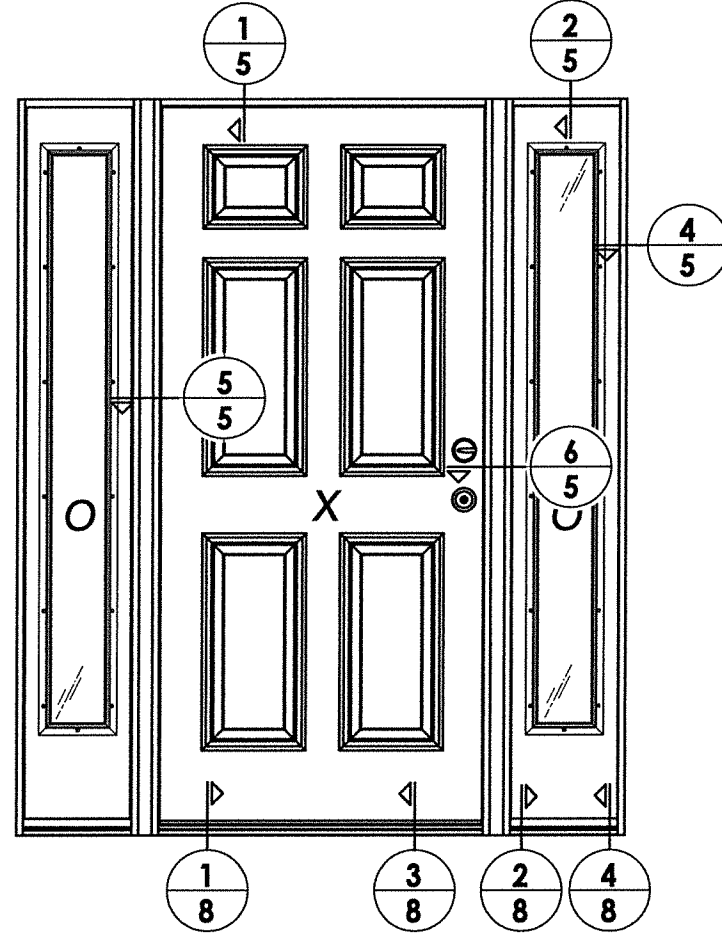


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TEXAS P.E. #104123

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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
NO.		DATE	
BY		REVISIONS	
DATE: 1/09/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4819			
SHEET 3 OF 8			

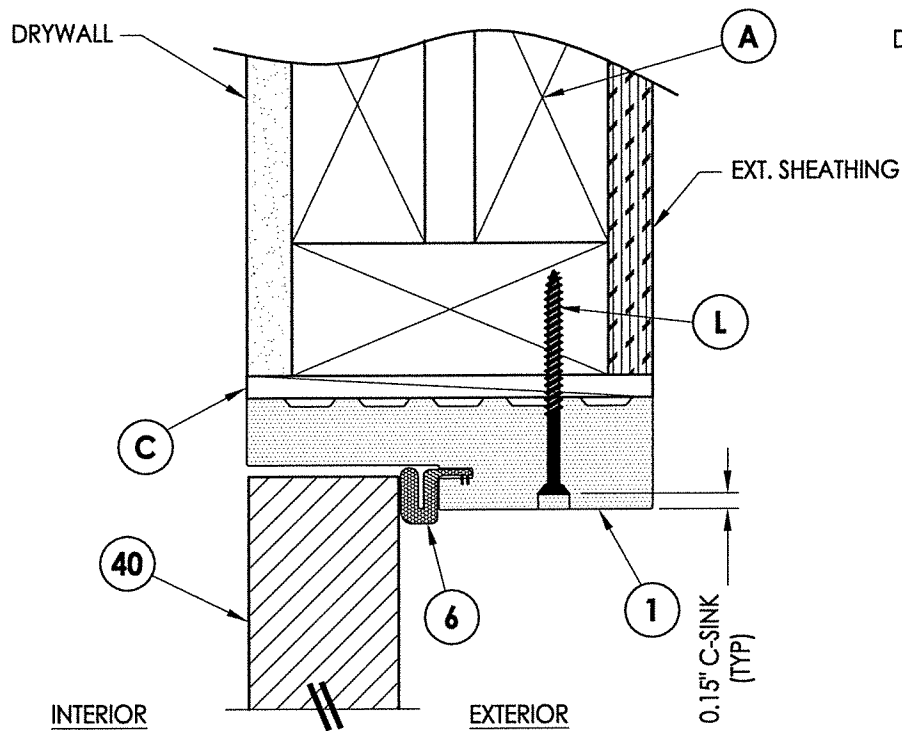


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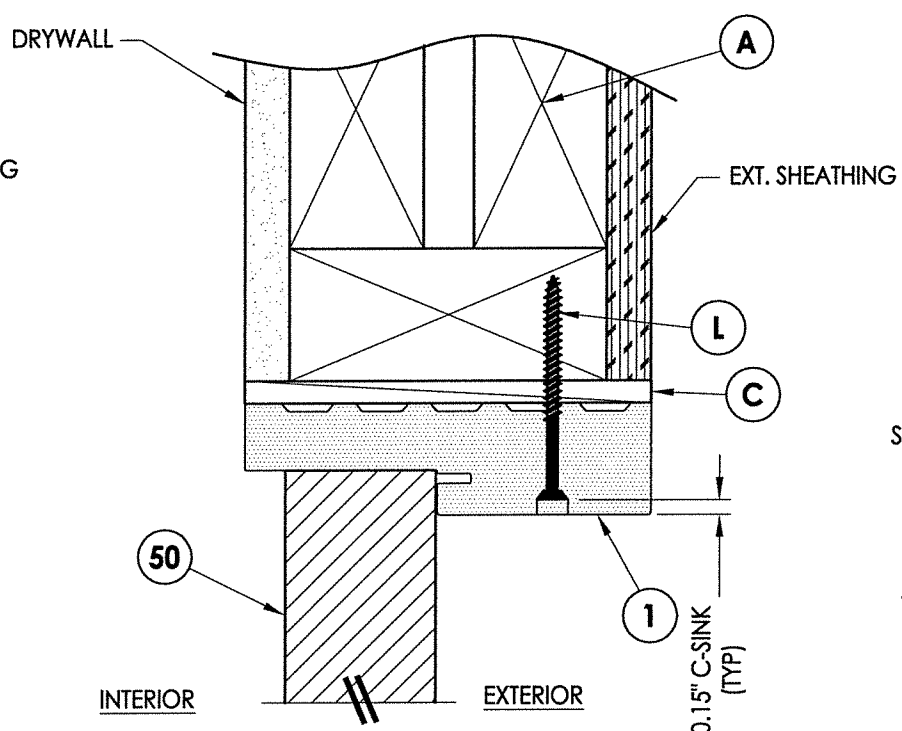
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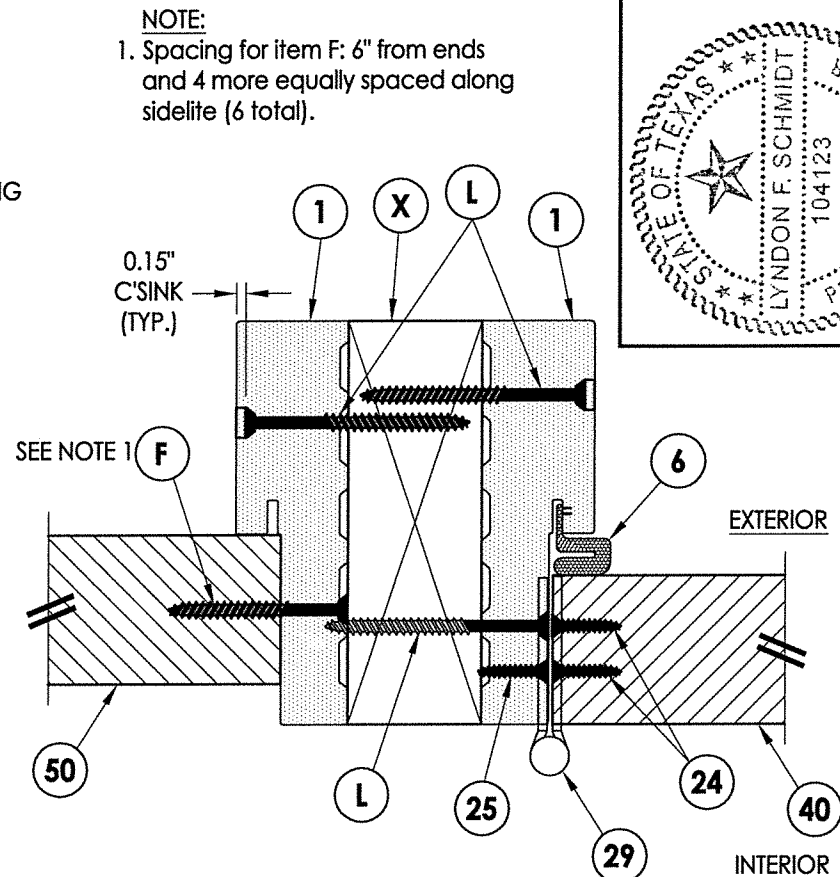
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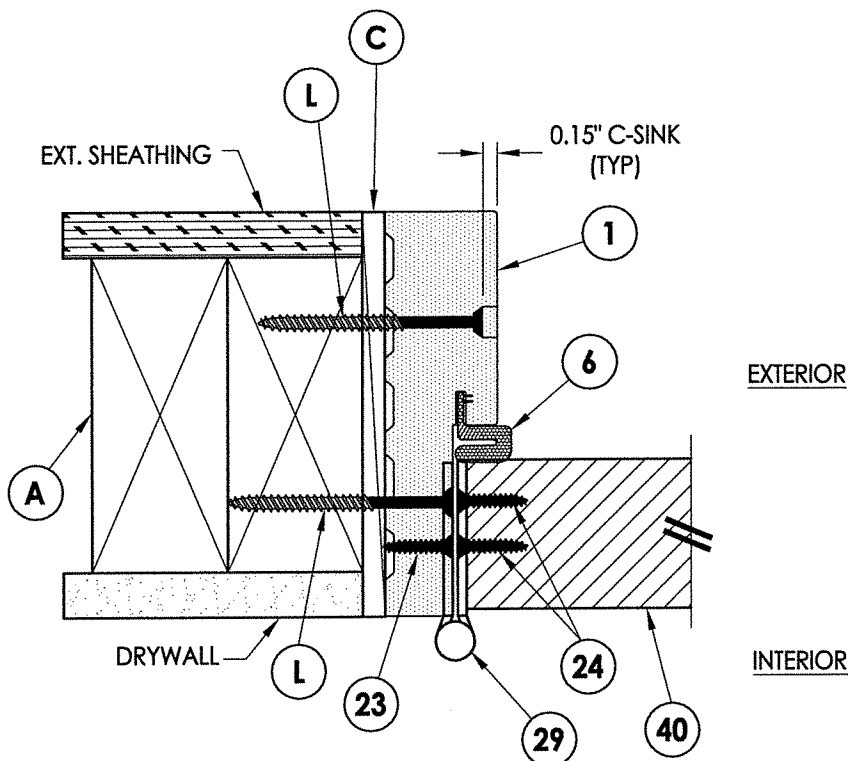
1
5 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)



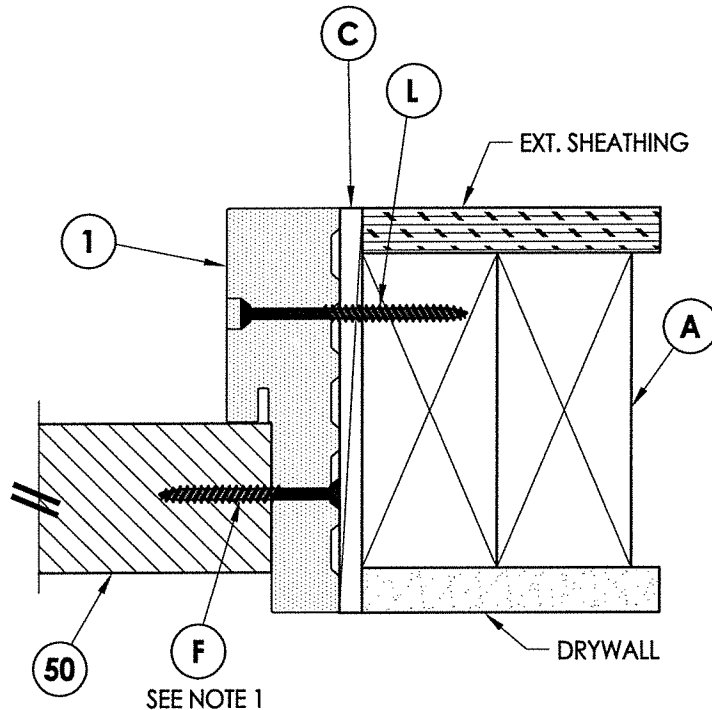
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5 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)



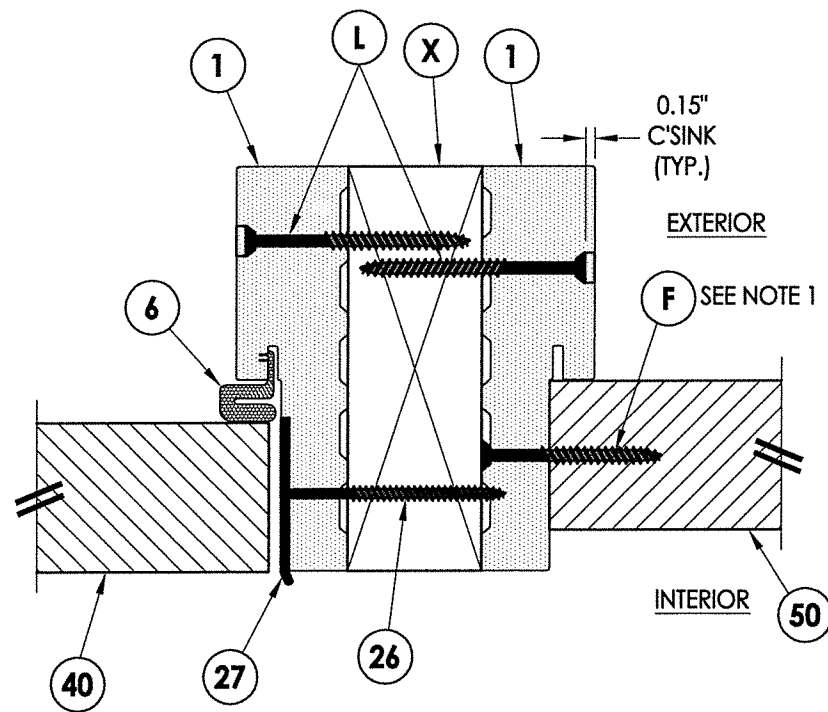
5
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)



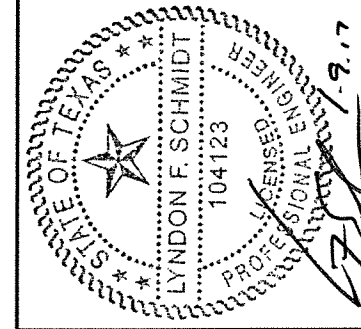
3
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)



4
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)



6
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)



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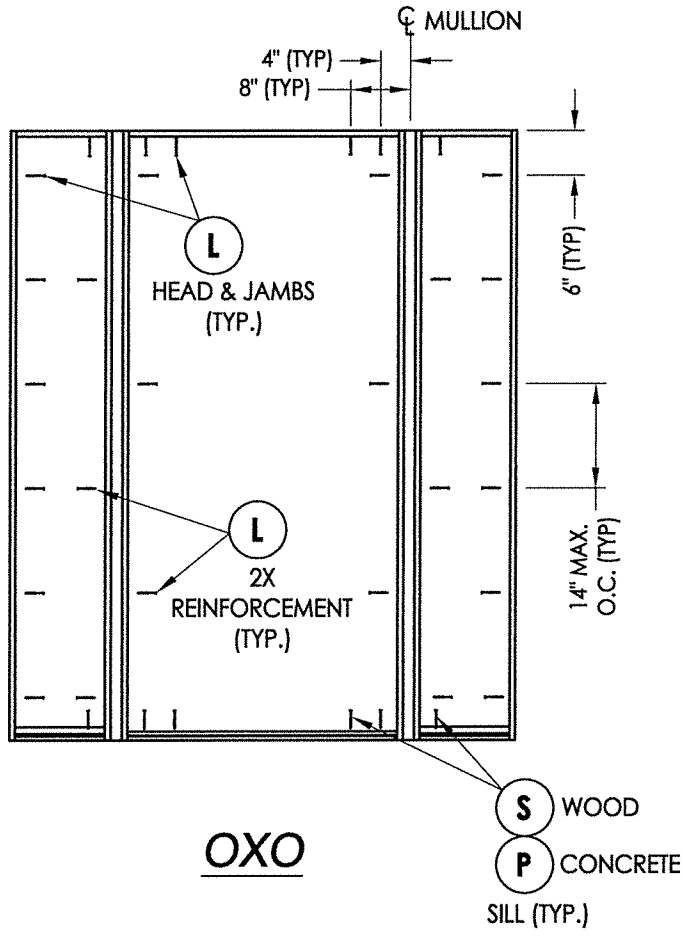
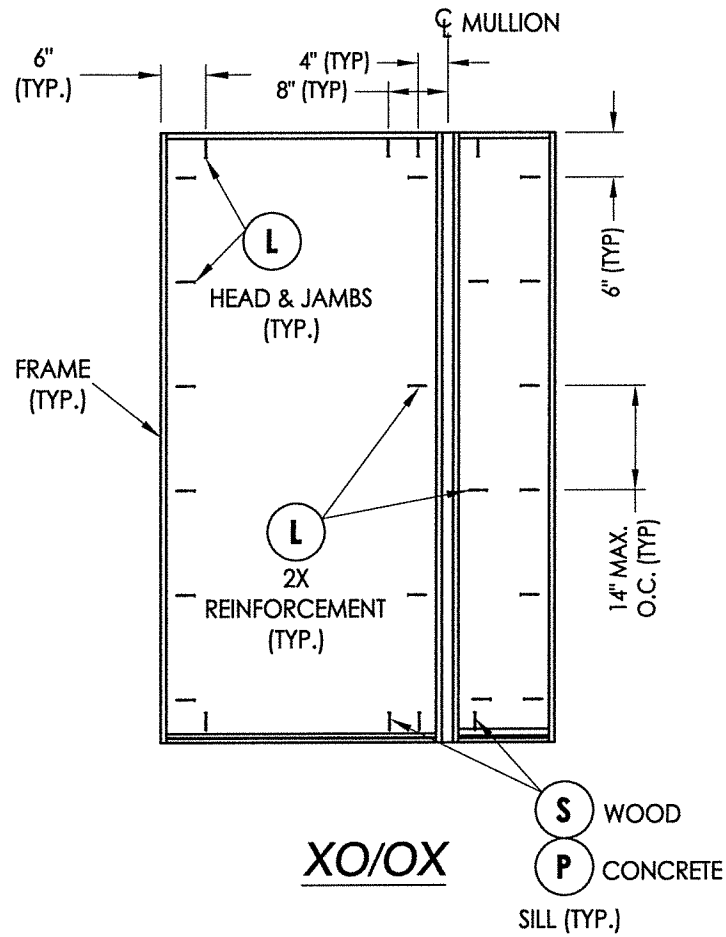
PRODUCT: SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

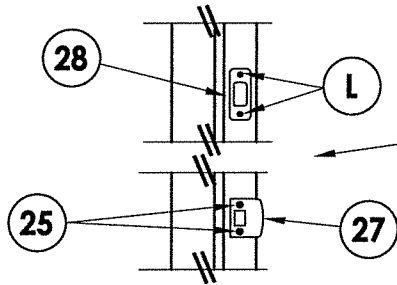
REVISIONS		BY
NO.	DATE	

DATE: 1/09/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4819
SHEET 5 OF 8

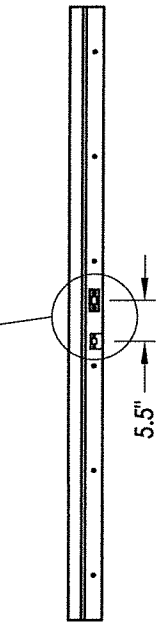
R:\Clients\HM Sure Rock PERMANENT\B - Texas Dept of Ins\SUB ID 6450 - 6'8 Fiberglass Non-Impact Door - Opaque\C - Drawings\TX-4818-20.dwg, 7.2



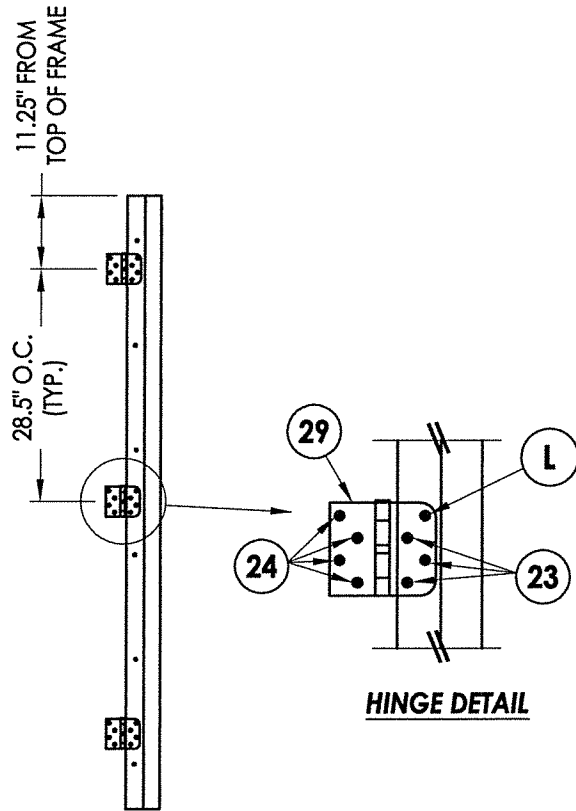
FRAME ANCHORING



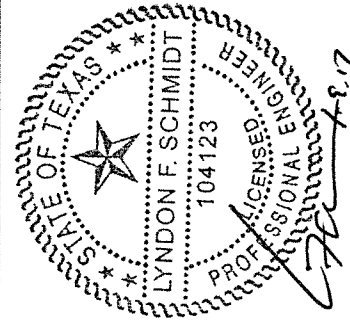
LATCH AND DEADBOLT STRIKE PLATE DETAILS



STRIKE JAMB



HINGE DETAIL



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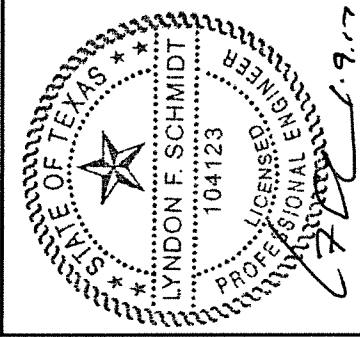
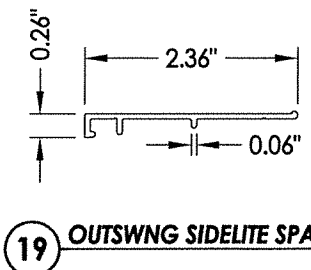
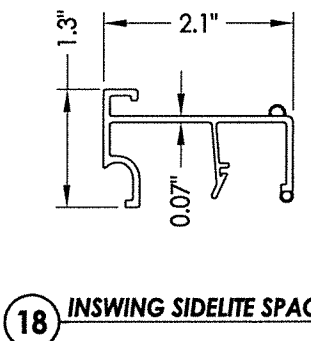
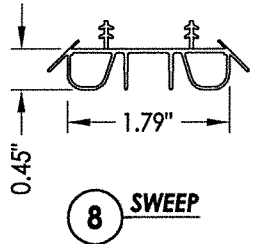
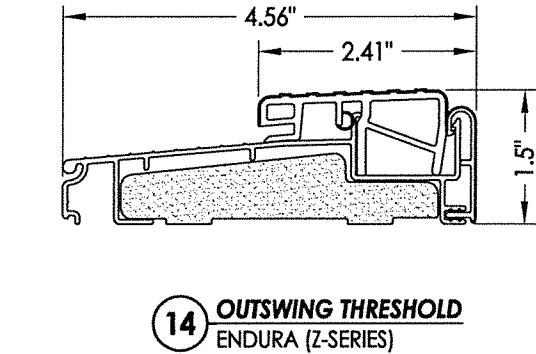
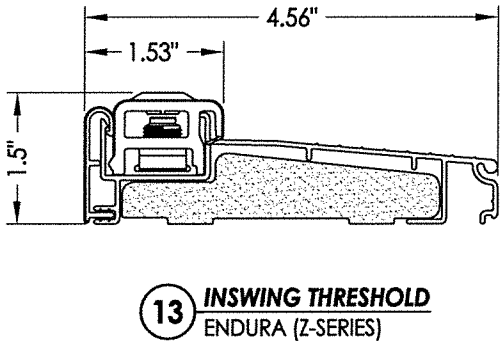
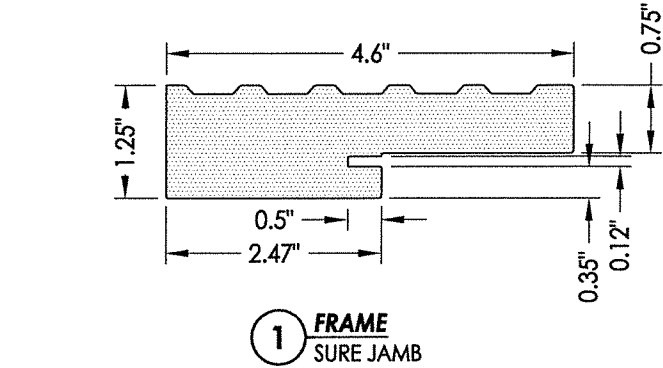
PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.		DATE	
BY		REVISIONS	
DATE: 1/09/17		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4819		SHEET 7 OF 8	

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
P	1/4" PFH CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
S	#10 X 3" PFH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
X	2X REINFORCEMENT (G >= 0.55)	WOOD
1	FRAME (SURE JAMB)	COMP
6	WEATHERSTRIP (Q-LON)	FOAM
8	SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
18	INSWING SIDELITE SPACER	PVC
19	OUTSWING SIDELITE SPACER	PVC
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-

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"	4"
ELCO ULTRACON®	1/4"	1-3/4"	1"	4"



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TEXAS P.E. #104123

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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS	