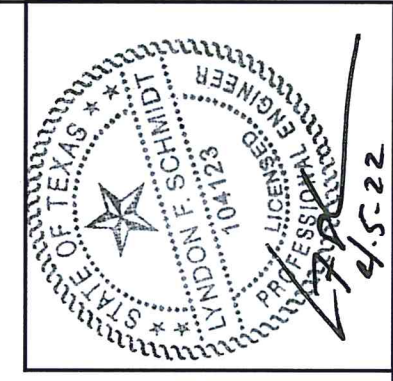


GLAZED FIBERGLASS SINGLE DOOR

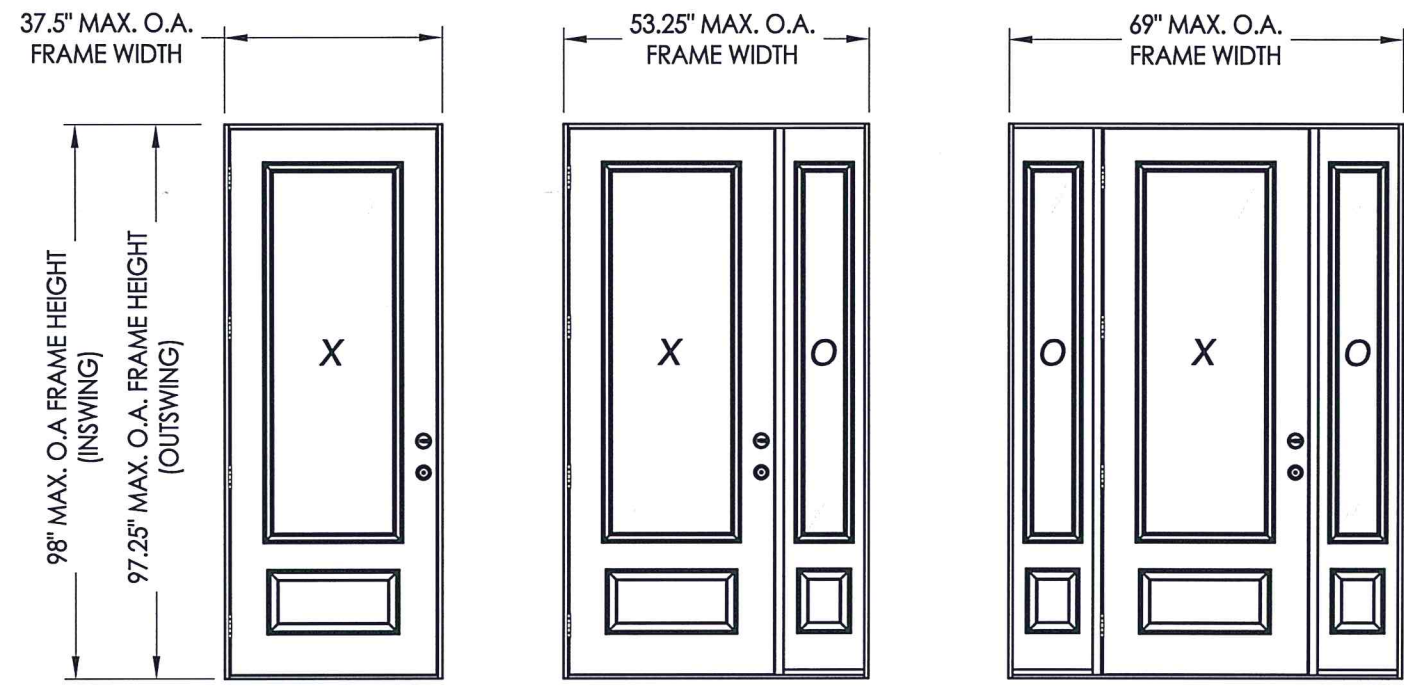
w/ or w/out SIDELITE(S)
INSWING / OUTSWING
"NON-IMPACT"



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



Continuous Head & Sill

Continuous Head & Sill

EVALUATED FOR USE IN THE STATE OF TEXAS
The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections
6	Horizontal Cross Sections
7	Vertical Cross Sections
8	Frame Anchoring & Hardware Details
9	Lite Frame & Glazing Details
10	Bill of Materials & Components

CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+45.0	-50.0	+45.0	-45.0
OX, XO, OXO	+40.0	-50.0	+40.0	-40.0

PRODUCT: GLASSCRAFT FIBERGLASS DOOR

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

NO.	DATE	BY	REVISIONS

DATE: 4/01/22

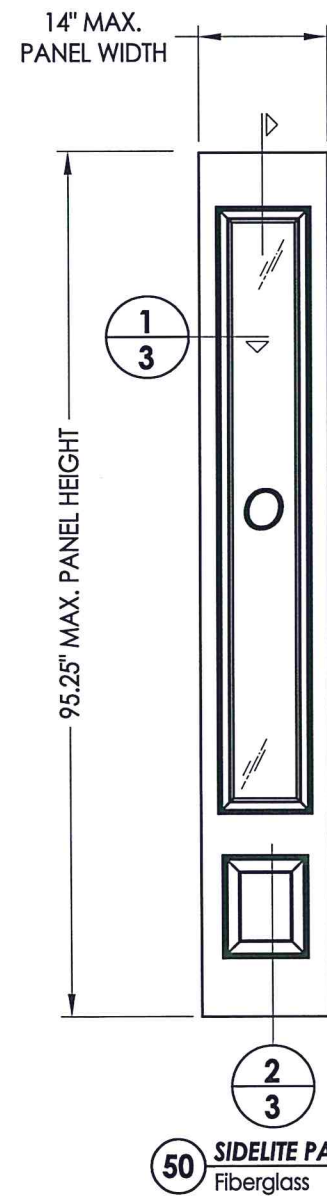
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DWG. BY: LFS

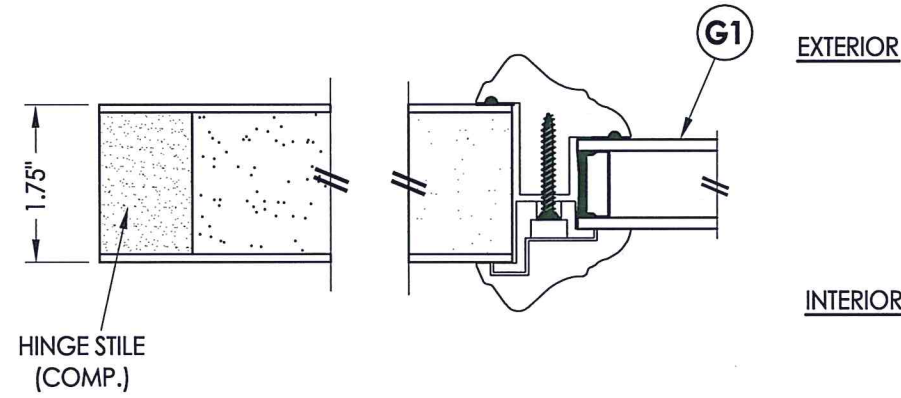
CHK. BY: RW

DRAWING NO.: TX-5267

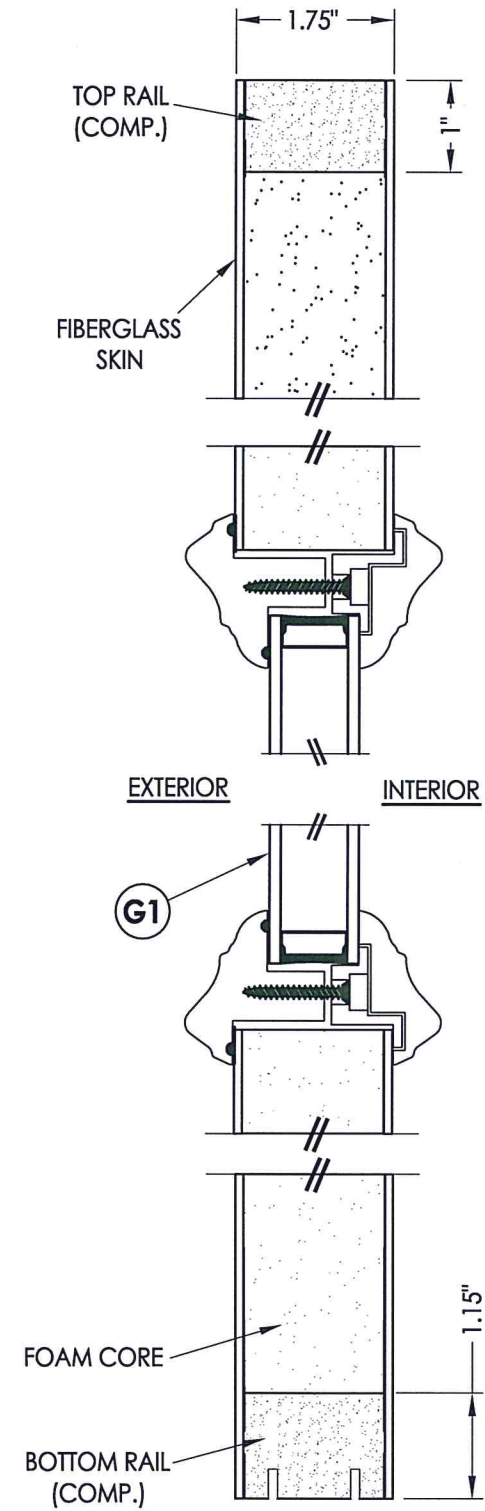
SHEET 1 of 10



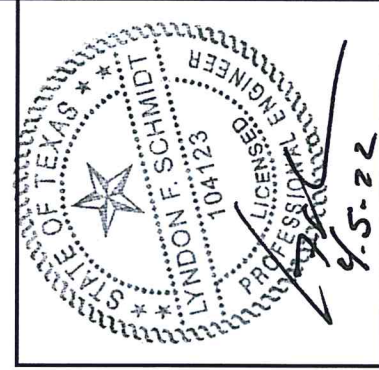
50 SIDELITE PANEL
Fiberglass



1
3 HORIZONTAL CROSS SECTION



2
3 VERTICAL CROSS SECTION



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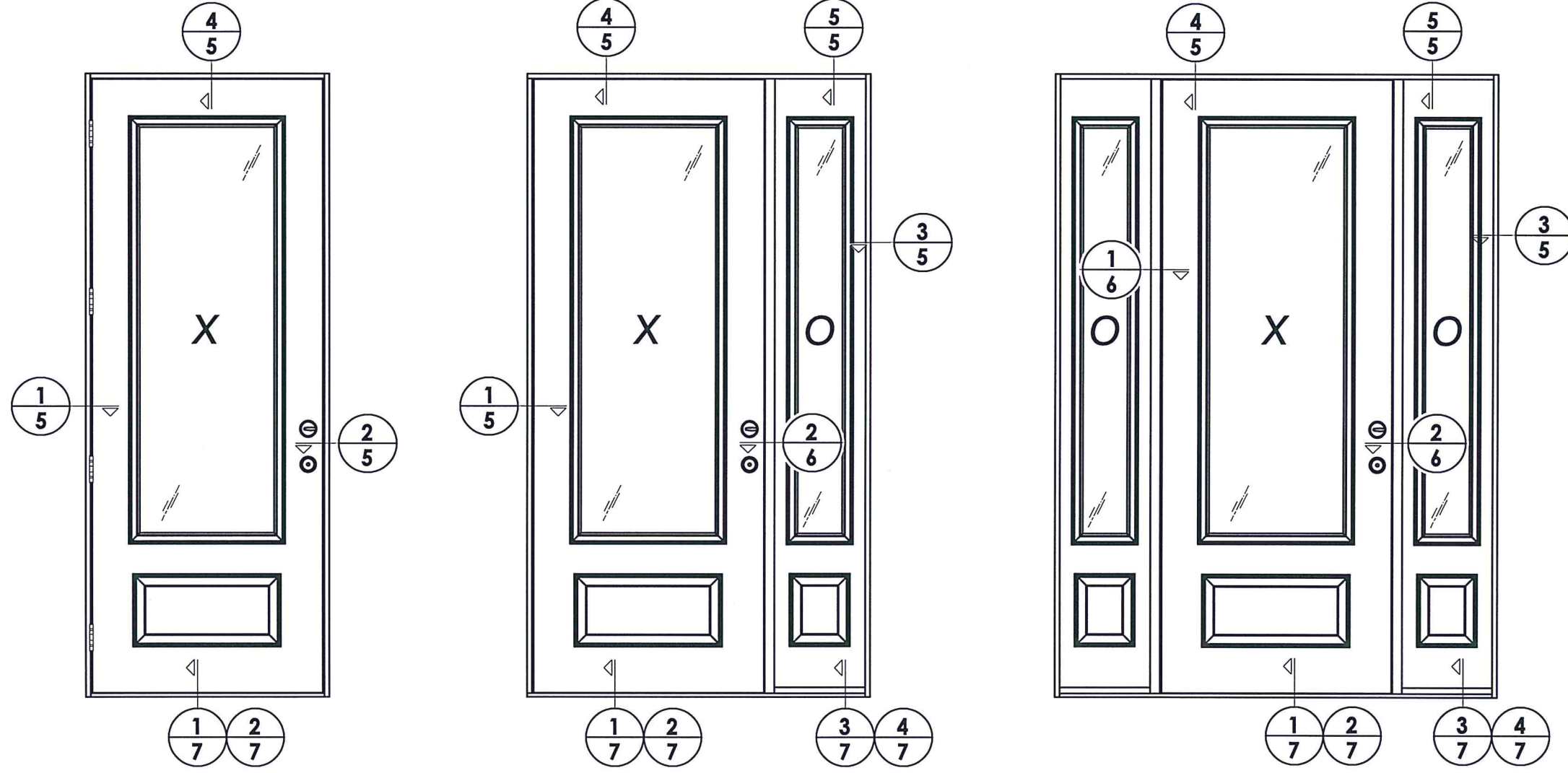
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	GLASSCRAFT FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL DETAILS

NO.	DATE	BY	REVISIONS

DATE:	4/01/22
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	TX-5267
SHEET	3 OF 10

DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM



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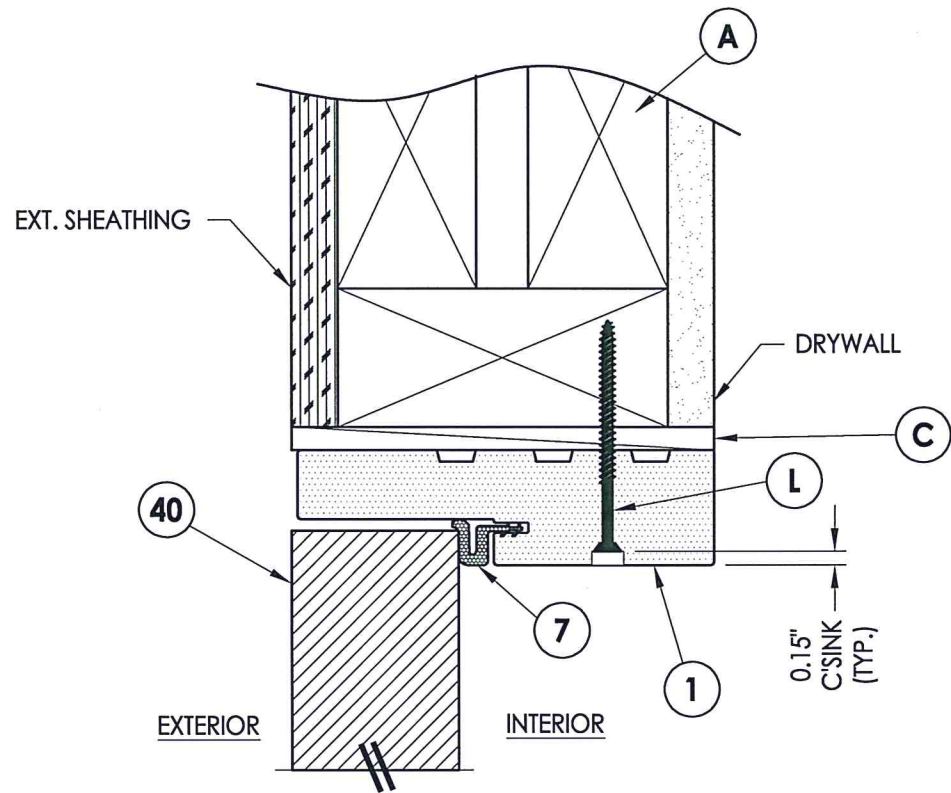
PRODUCT: GLASSCRAFT FIBERGLASS DOOR

PART OR ASSEMBLY: ELEVATIONS

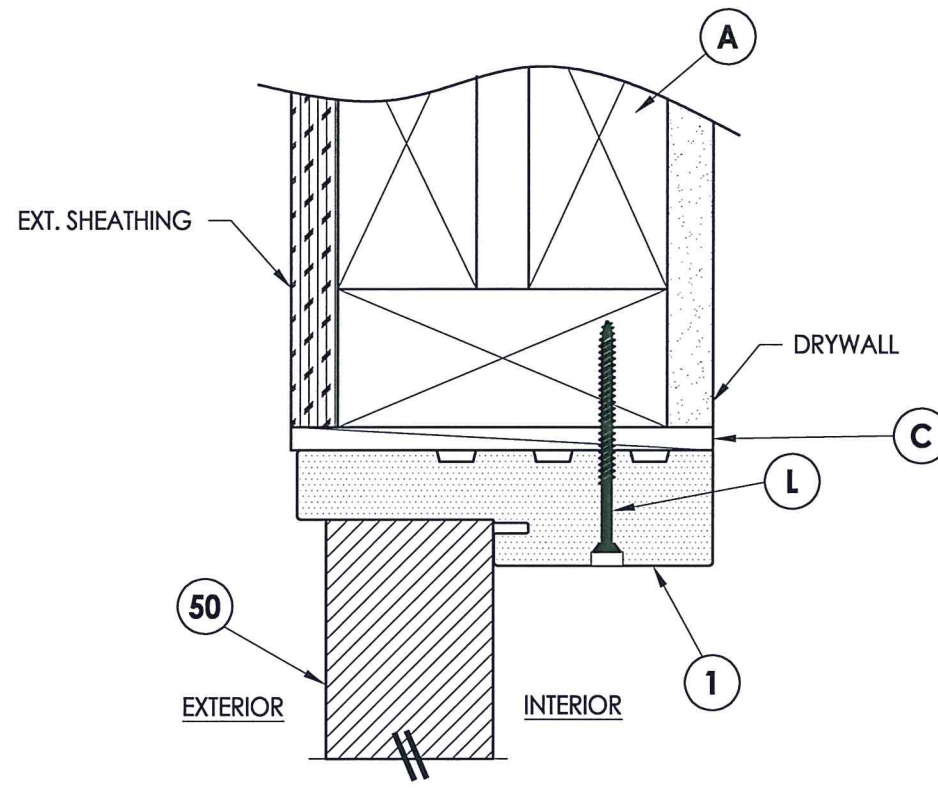
NO.	DATE	REVISIONS	BY

DATE: 4/01/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.: TX-5267
 SHEET 4 OF 10

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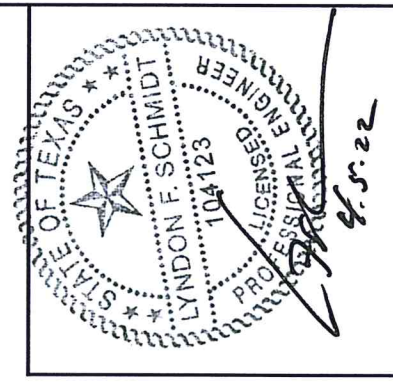


4 VERTICAL CROSS SECTION
5 Outswing shown - Inswing also approved



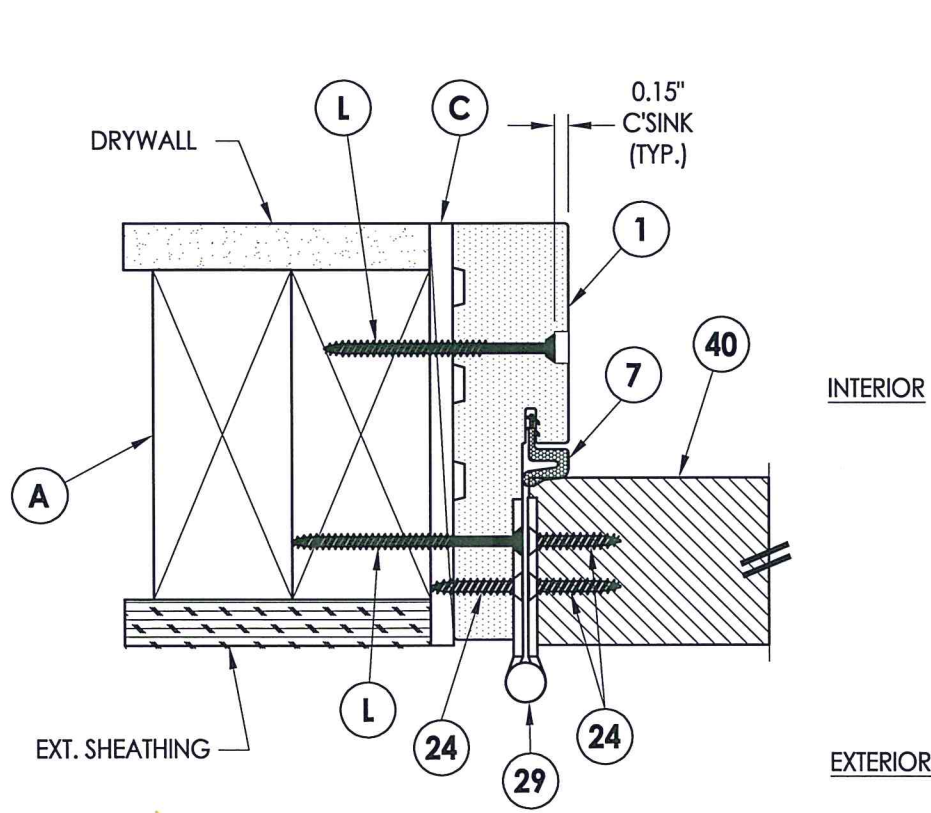
5 VERTICAL CROSS SECTION
5 Outswing shown - Inswing also approved

NOTE:
 1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).

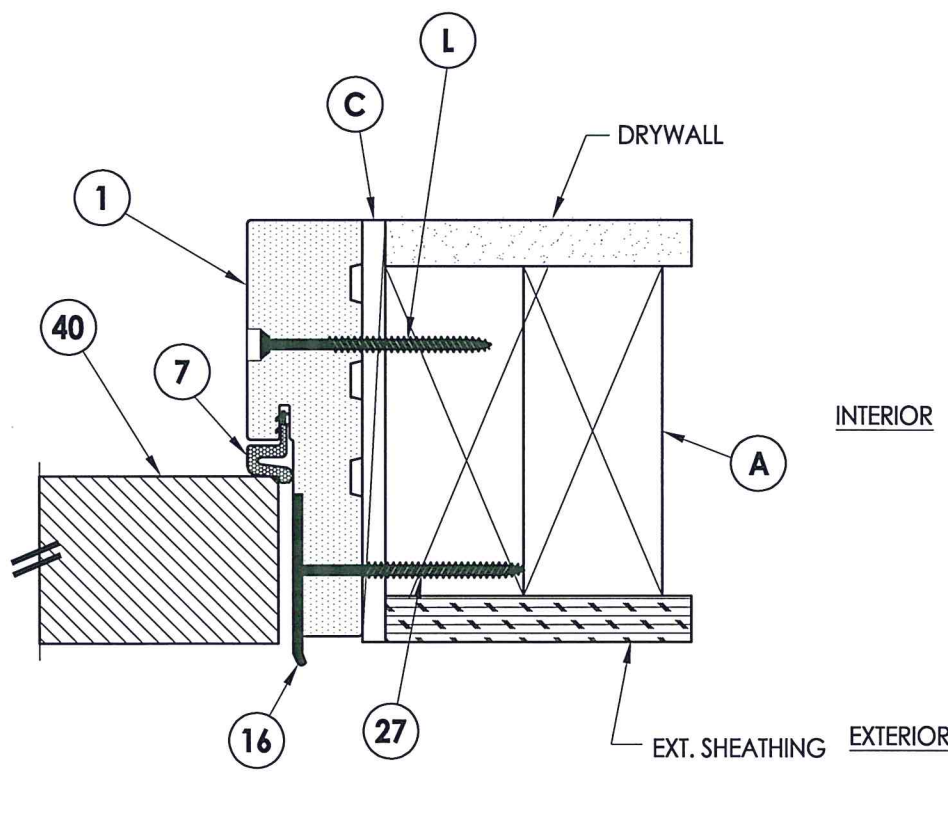


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 TEXAS BOARD OF PROFESSIONAL ENGINEERS
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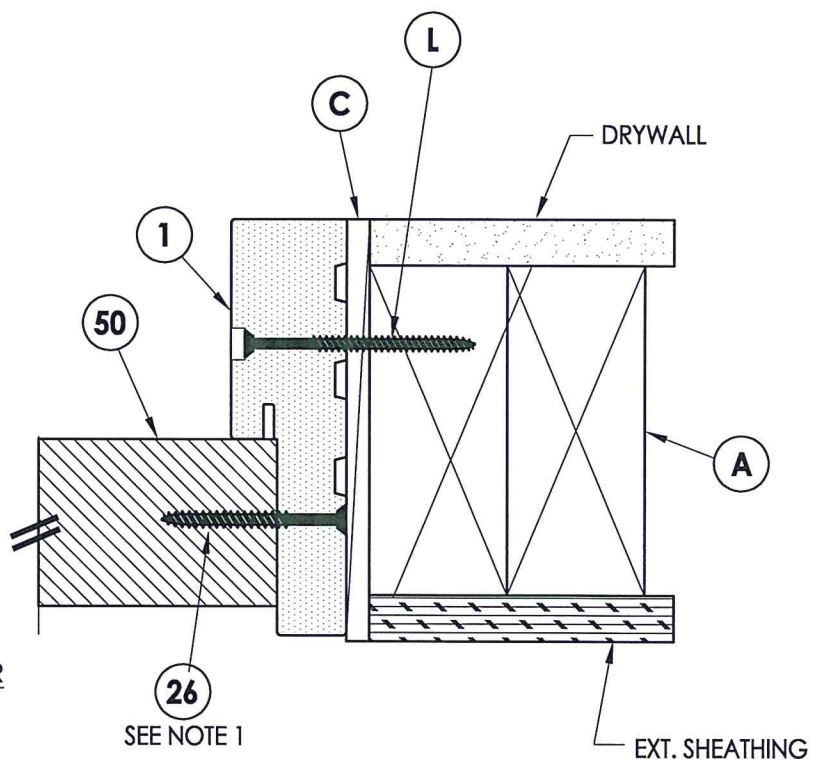
PRODUCT: GLASSCRAFT FIBERGLASS DOOR
 PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS



1 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
5 Outswing shown - inswing also approved



3 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved

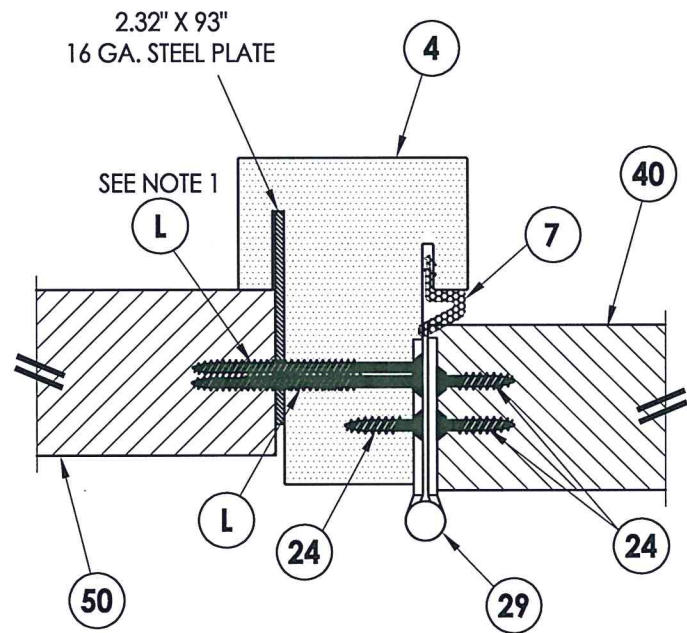
NO.	DATE	BY	REVISIONS

DATE: 4/01/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.: TX-5267
 SHEET 5 OF 10

Z:\Clients\GlassCraft\B - Texas Dept of Ins\TDI - DR-XXXX 8-0 FG Non-Impact\C - Drawings\TX-5267.dwg

NOTE:

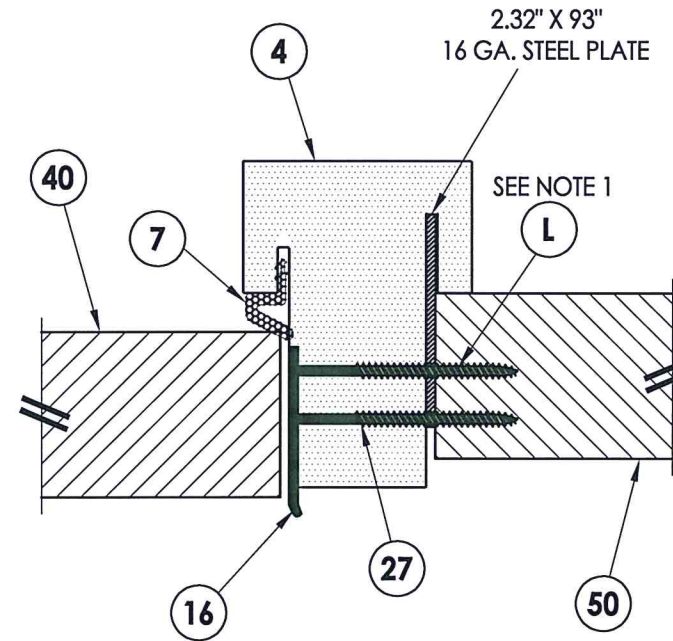
- Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



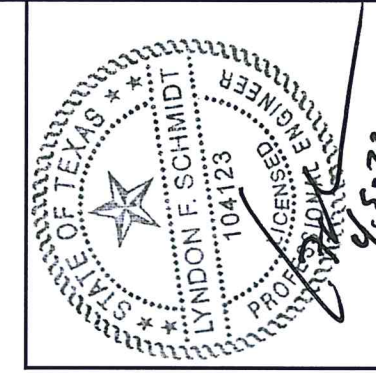
1 HORIZONTAL CROSS SECTION
6 Outswing shown - Inswing also approved

INTERIOR

EXTERIOR



2 HORIZONTAL CROSS SECTION
6 Outswing shown - Inswing also approved



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 CERTIFICATE OF REGISTRATION # F-11852

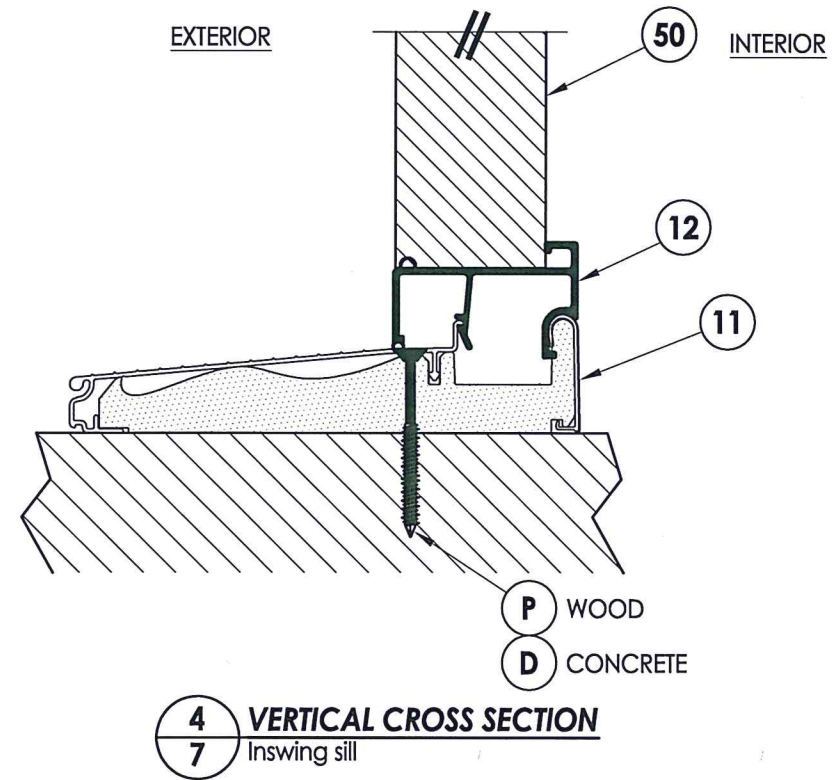
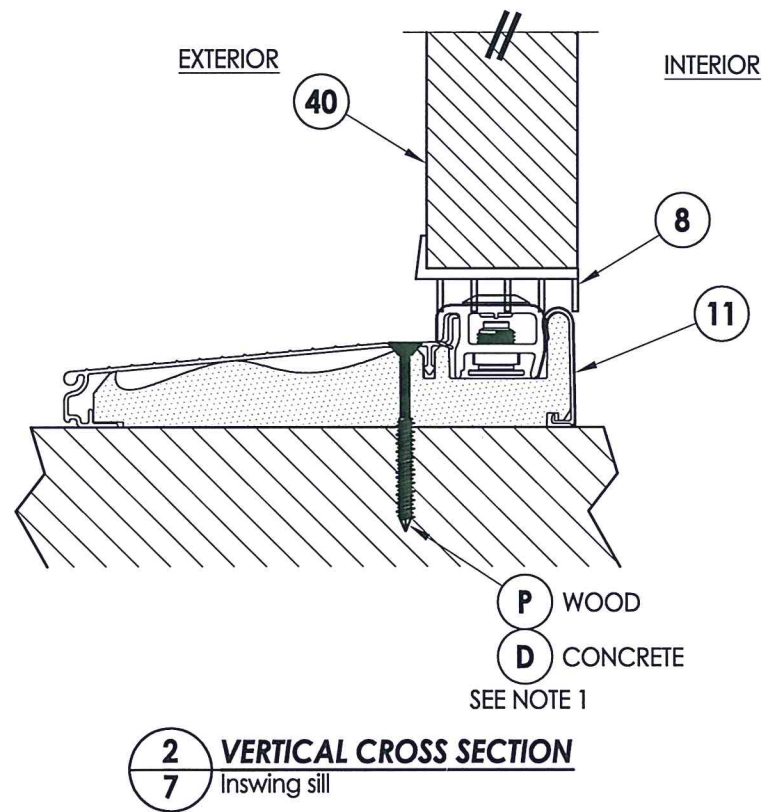
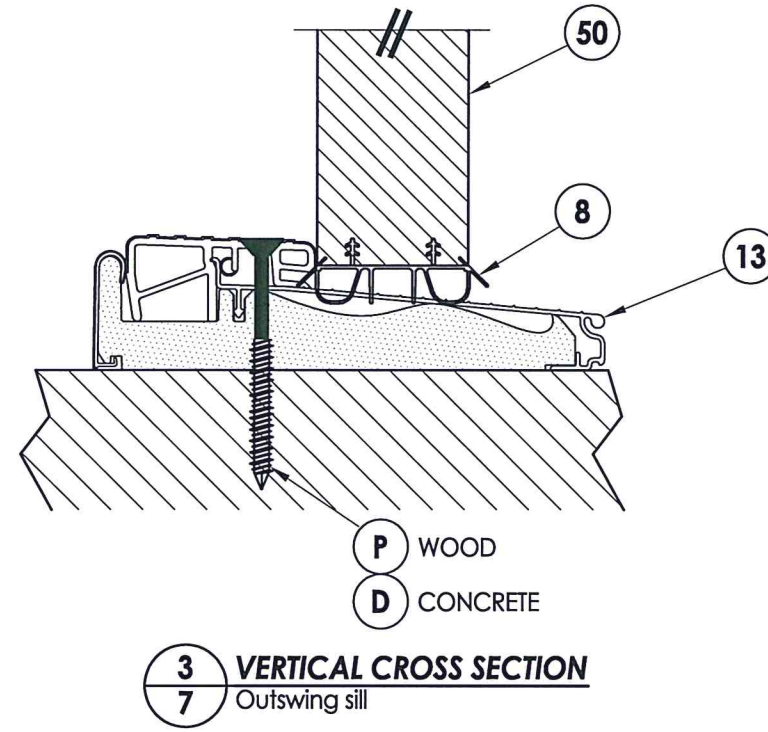
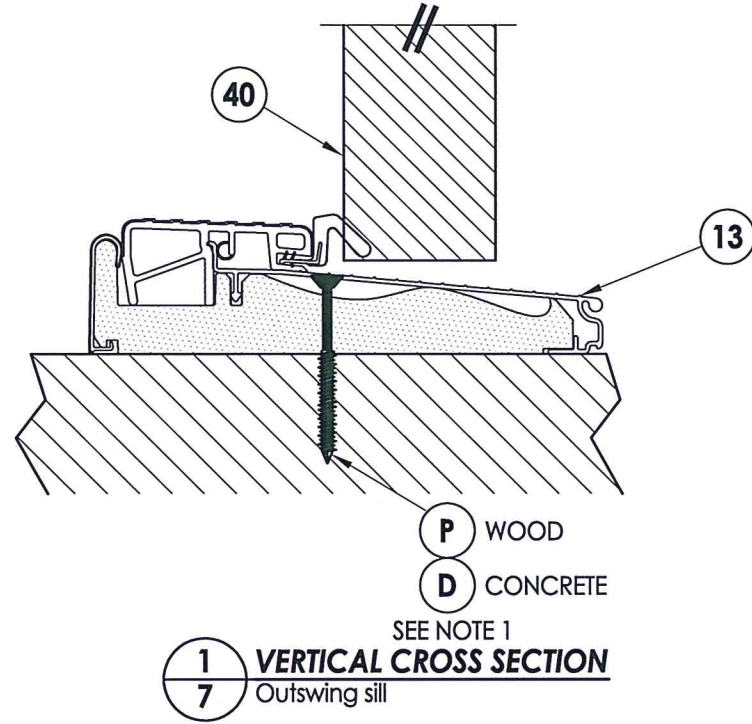
PRODUCT: GLASSCRAFT FIBERGLASS DOOR
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 4/01/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.: TX-5267
 SHEET 6 OF 10

NOTE:

- Sill anchor not required for Single (X) door configuration only.



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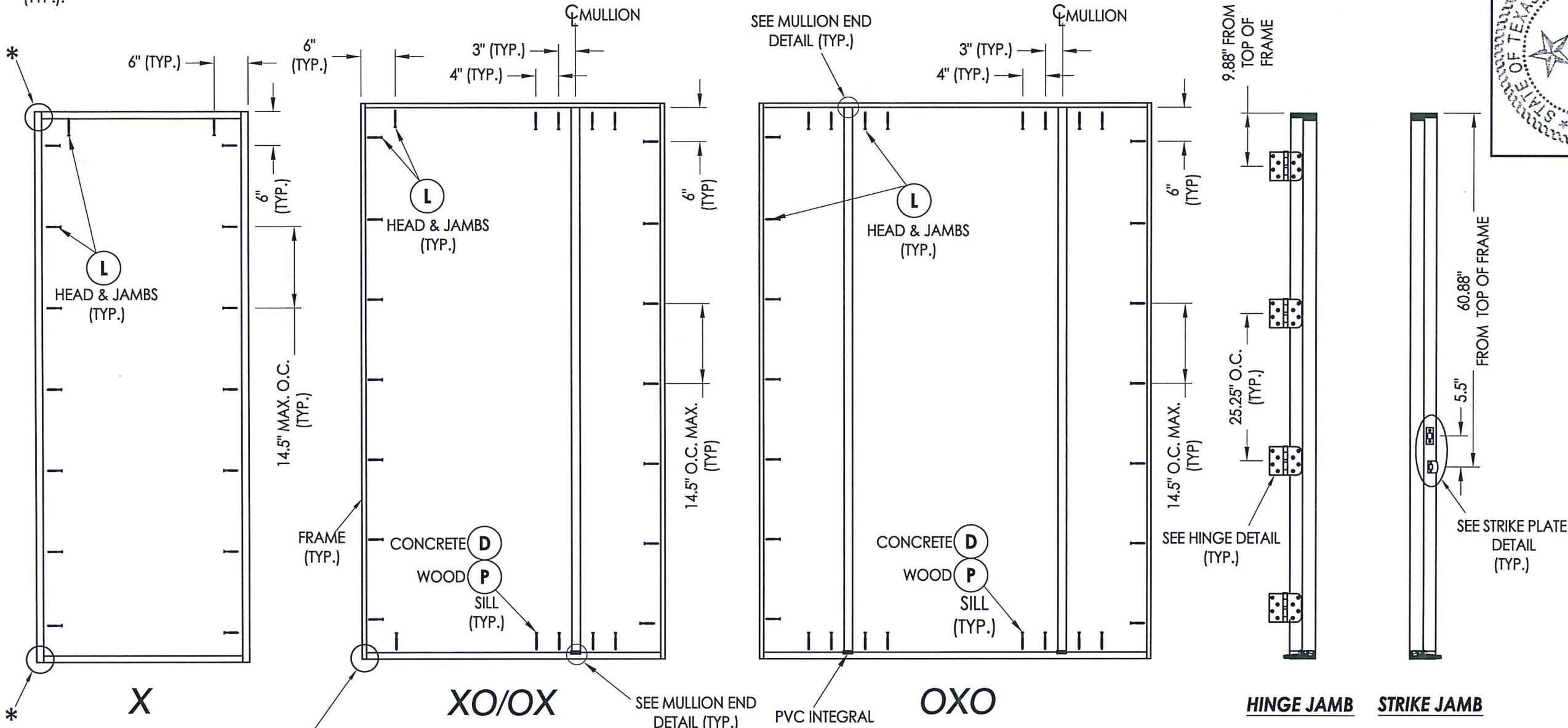
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

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

NO.	DATE	BY	REVISIONS

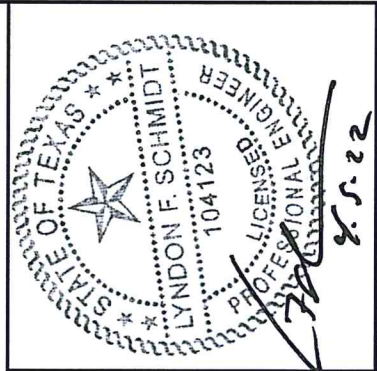
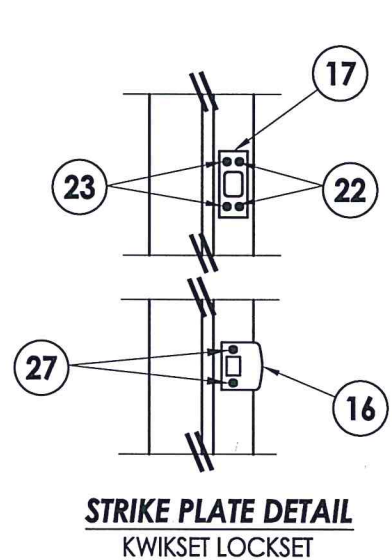
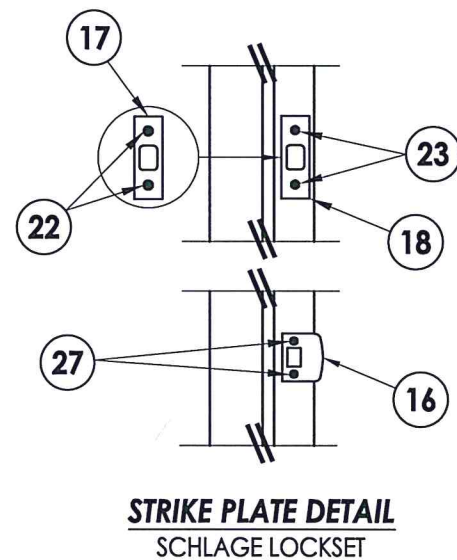
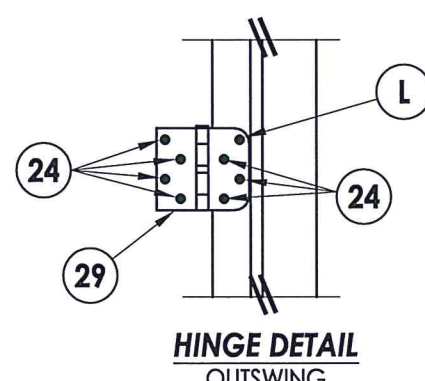
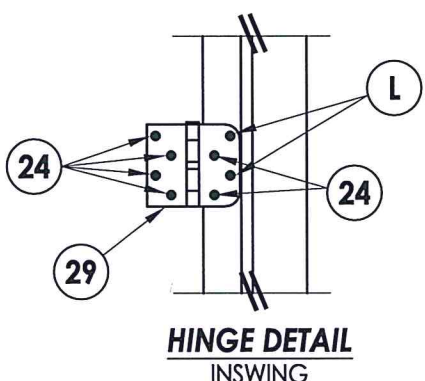
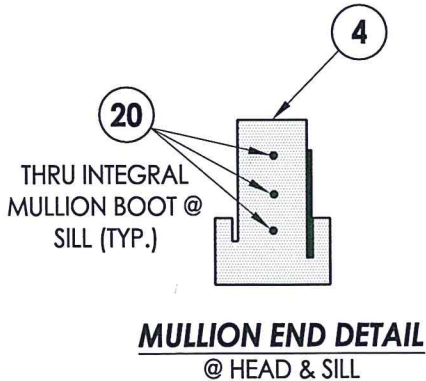
DATE:	4/01/22
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	TX-5267
SHEET	7 OF 10

* NOTE: FRAME CORNERS ATTACHED w/ (3) #9 X 3" FH DECK SCREWS @ HEAD & SILL (TYP.).



OPTIONAL 1-1/2" PVC JAMB BOOT ATTACHED TO JAMB & TO SILL w/ (3) #9 X 3" FH DECK SCREWS EACH (TYP.).

FRAME ANCHORING



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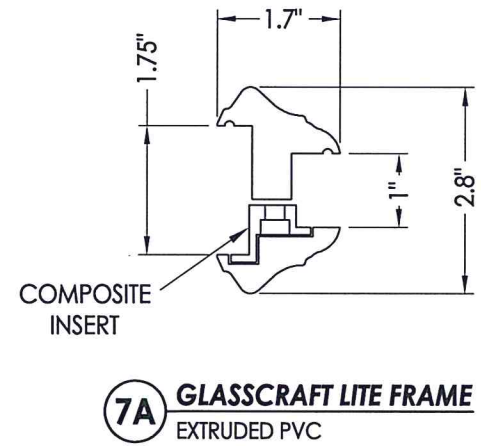
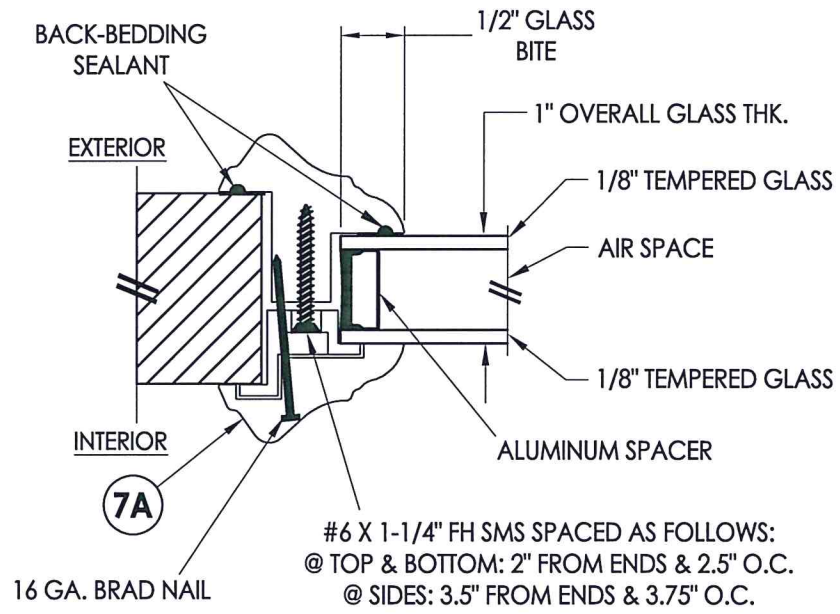
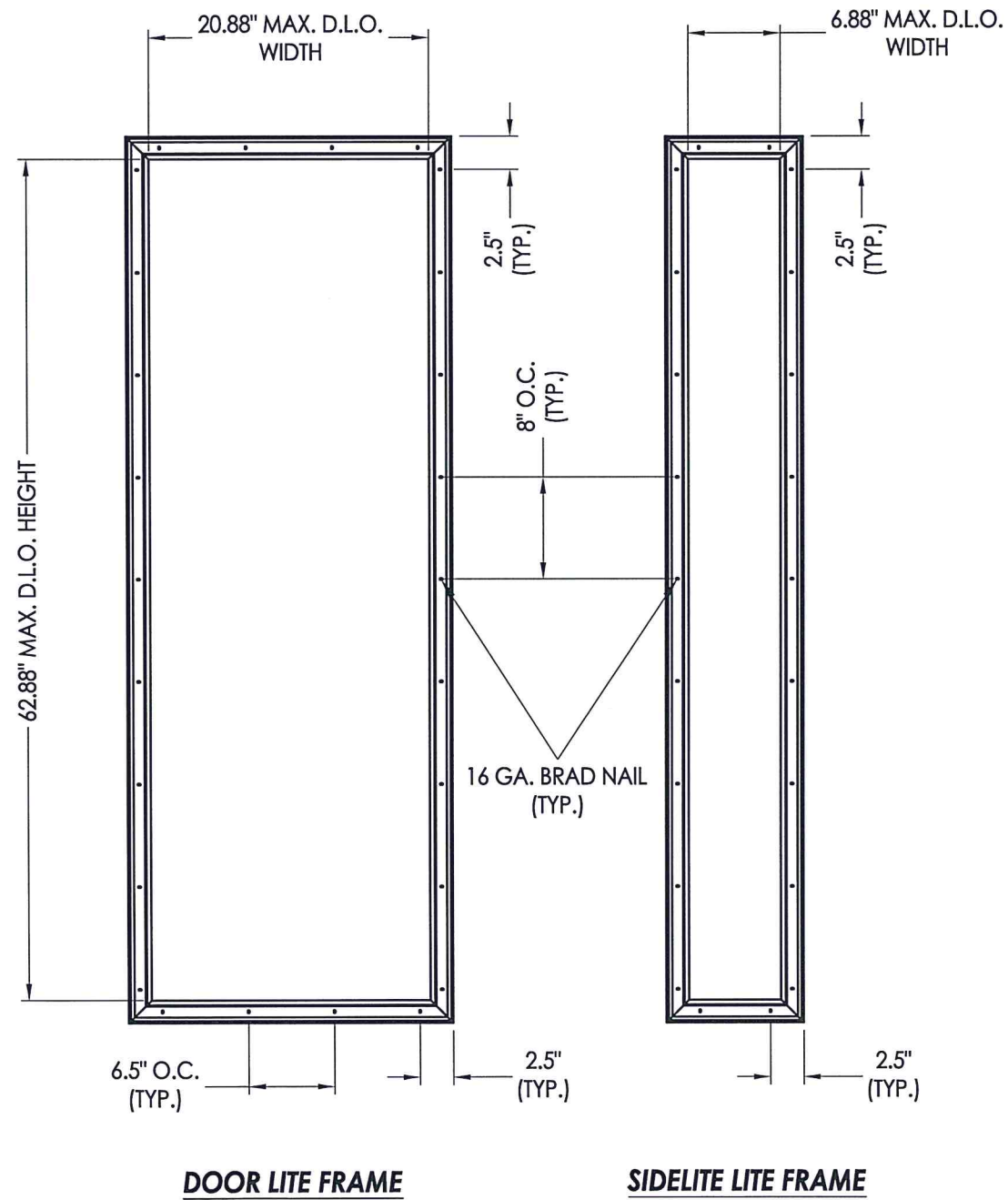
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: GLASSCRAFT FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	BY	REVISIONS

DATE: 4/01/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: TX-5267
SHEET 8 OF 10



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 CERTIFICATE OF REGISTRATION # F-11852

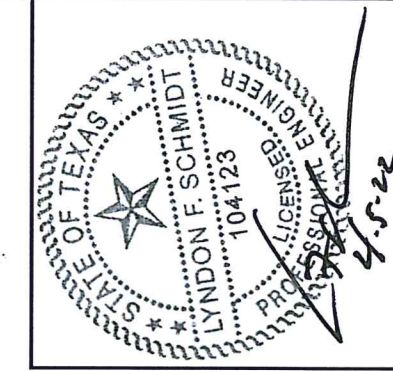
PRODUCT: GLASSCRAFT FIBERGLASS DOOR
 PART OR ASSEMBLY: LITE FRAME & GLAZING DETAILS

NO.	DATE	BY	REVISIONS

DATE: 4/01/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.: TX-5267
 SHEET 9 of 10

BILL OF MATERIALS

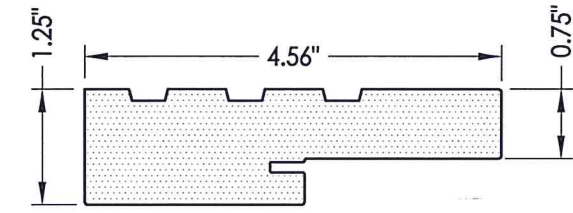
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" Ø PFH DeWALT OR ITW CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
L	#10 X 2-1/2" PFH WS (1.15" MIN. EMBEDMENT)	STEEL
P	#10 PFH WOOD SCREW (1-1/2" MIN. EMB.)	STEEL
1	COMPOSITE JAMB	COMP
4	COMPOSITE MULLION	COMP
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	PVC
11	INSWING THRESHOLD	ALUM/ COMP
12	INSWING SIDELITE ADAPTER	VINYL
13	OUTSWING THRESHOLD	ALUM/ COMP
16	LATCH STRIKE PLATE	STEEL
17	DEADBOLT STRIKE PLATE	STEEL
18	DEADBOLT SUB-STRIKE PLATE	STEEL
20	#9 X 3" FH COMPOSITE DECK SCREW	STEEL
22	#8 X 1/2" PFH WOOD SCREW	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
24	#9 X 1" PFH WS	STEEL
26	#10 X 2" PFH WS	STEEL
27	#8 X 2-1/2" PFH WOOD SCREW	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



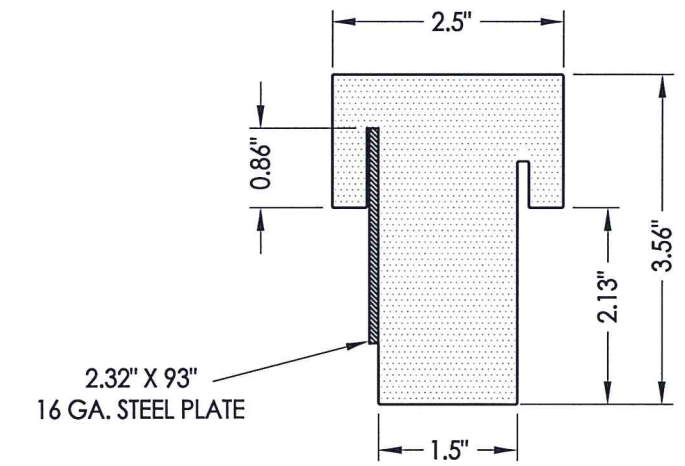
Documents Prepared By: Lyndon F. Schmidt, P.E.
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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

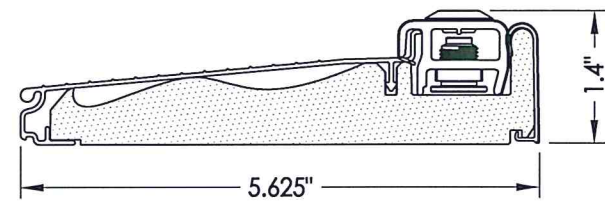
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CERTIFICATE OF REGISTRATION # F-11852



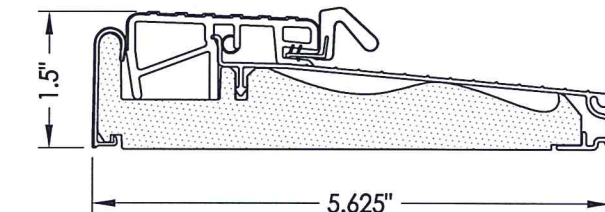
1 COMPOSITE JAMB



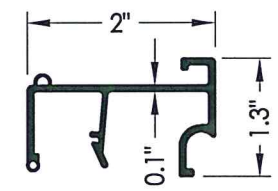
4 COMPOSITE MULLION



11 INSWING THRESHOLD
ENDURA



13 OUTSWING THRESHOLD
ENDURA



12 INSWING SIDELITE ADAPTER
ENDURA

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 BUILDEX TAPCON®	3/16"	1-3/4"	3"	1-1/2"
	1/4"	1-3/4"	2"	4"
ELCO ULTRACON®	1/4"	1-3/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

PRODUCT: GLASSCRAFT FIBERGLASS DOOR	
PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
NO.	DATE
BY	REVISIONS
DATE: 4/01/22	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: TX-5267	
SHEET 10 OF 10	