

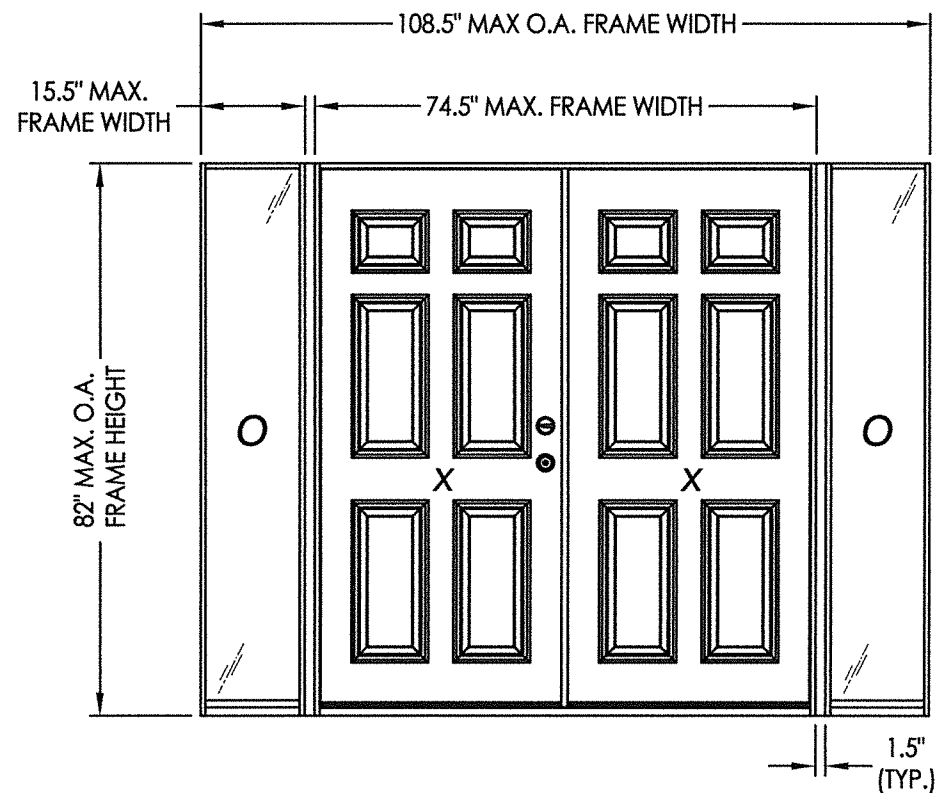
Z:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR XXX - 6'8, 7' & 8' CC Opaque FG NonImp IS Dir Set Sidelites (TX 5152-5157)\C - Drawings\TX-5152-53.dwg

THERMA-TRU® DOORS

Classic-Craft®

OPAQUE FIBERGLASS DOUBLE DOOR w/ DIRECT SET SIDELITES

INSWING
"NON-IMPACT"



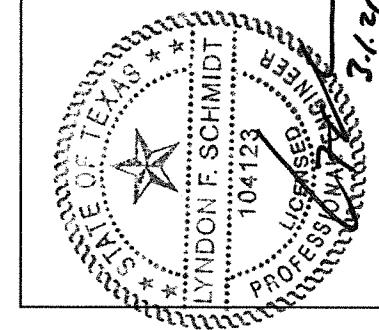
EVALUATED FOR USE IN THE STATE OF TEXAS

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.

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SHEET #	DESCRIPTION	SHEET #	
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2	Door Panel Details	7	Frame Anchoring
3	Sidelite Panel Details	8	Hardware Details
4	Elevations	9	Bill of Materials & Components
5	Horizontal Cross Sections		

CONFIGURATION	2X REINFORCEMENT REQUIRED	ASTRAGAL	DESIGN PRESSURE (PSF) w/ FJ PINE JAMBS		DESIGN PRESSURE (PSF) w/ COMPOSITE JAMBS	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OXXO	NO	STANDARD	+40.0	-45.0	+50.0	-50.0
	YES	COASTAL	+50.0	-55.0	+50.0	-55.0



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Phone No.: 813.659.9197

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

PRODUCT: THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 1/06/21

SCALE: N.T.S.

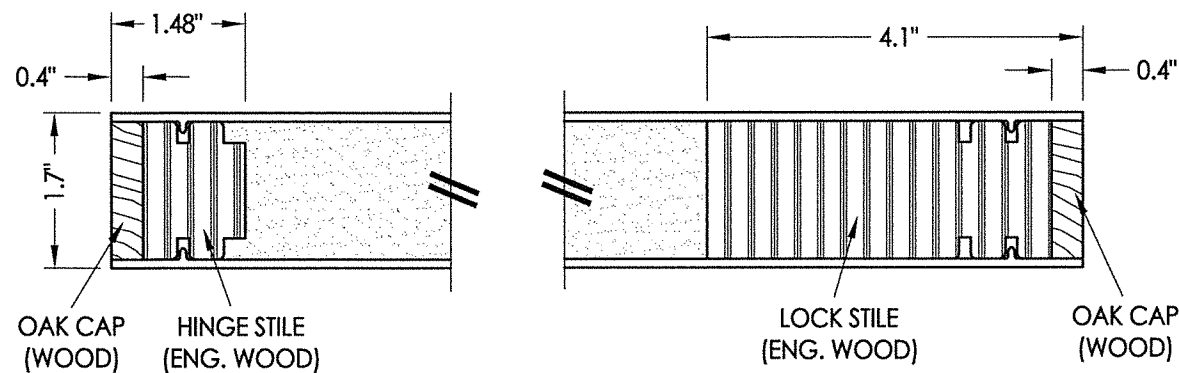
DWG. BY: RW

CHK. BY: LFS

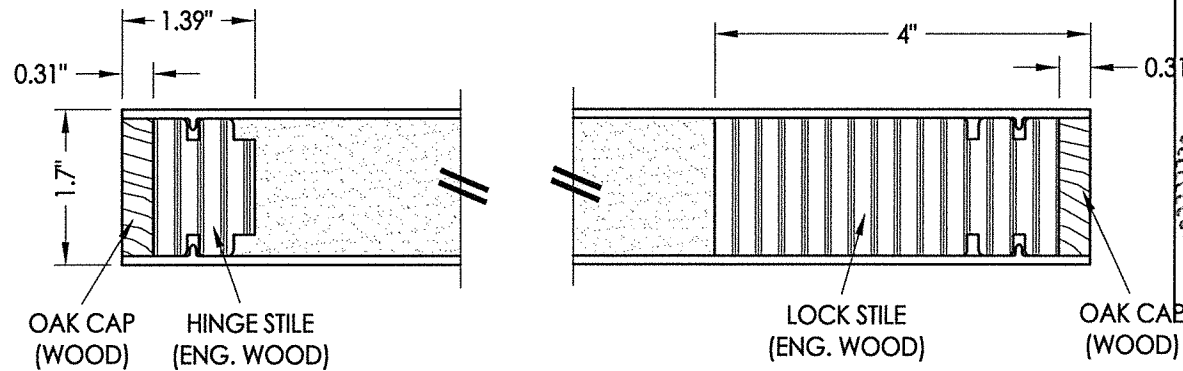
DRAWING NO.: TX-5153

SHEET 1 OF 9

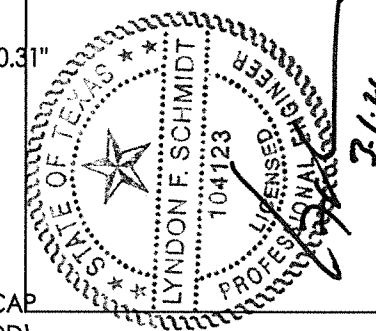
Z:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR XXX - 6'8, 7' & 8' CC Opaque FG NonImp IS Dir Set Sidelites (TX 5152-5157)\C - Drawings\TX-5152-53.dwg



1 HORIZONTAL CROSS SECTION
2

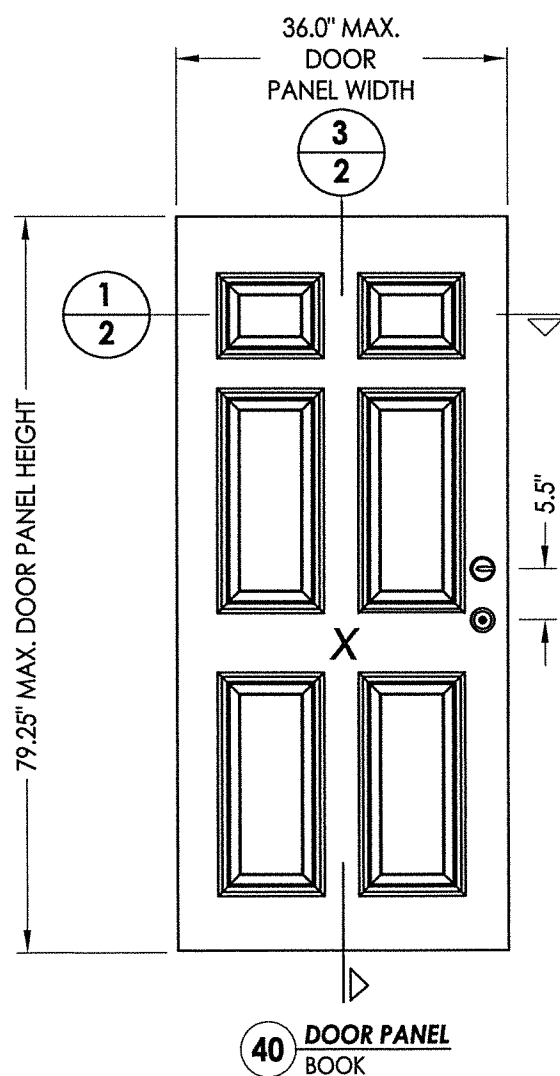


2 HORIZONTAL CROSS SECTION
2

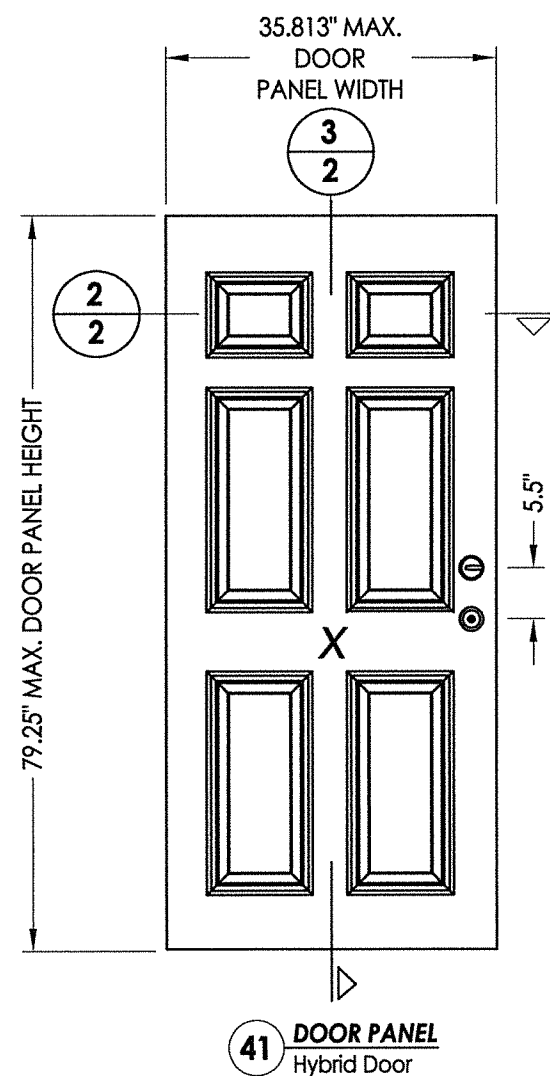


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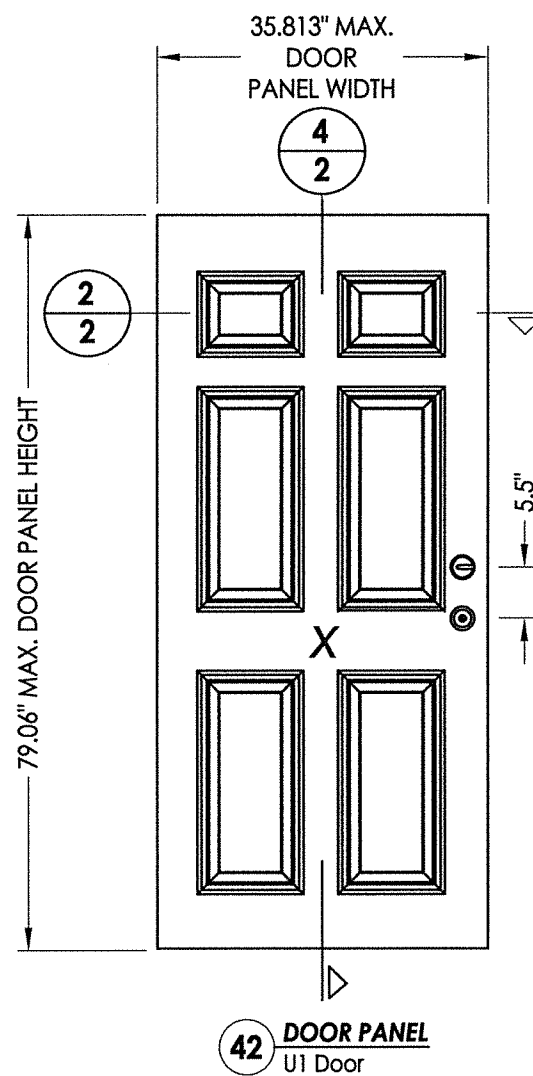
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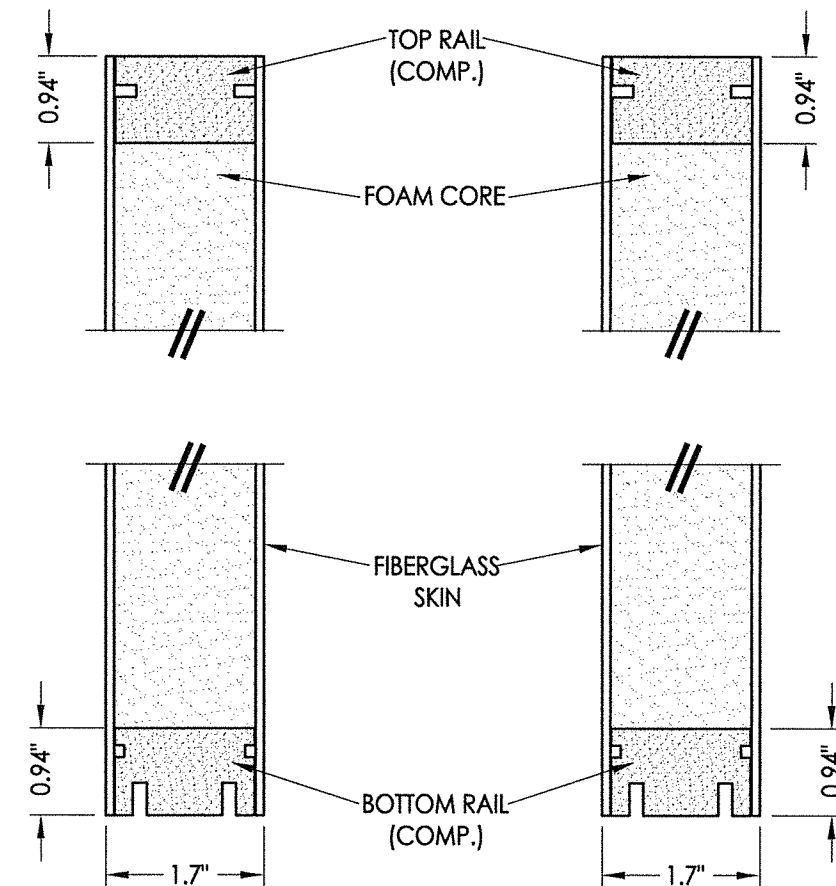
40 DOOR PANEL BOOK



41 DOOR PANEL Hybrid Door



42 DOOR PANEL U1 Door



3 VERTICAL CROSS SECTION
2

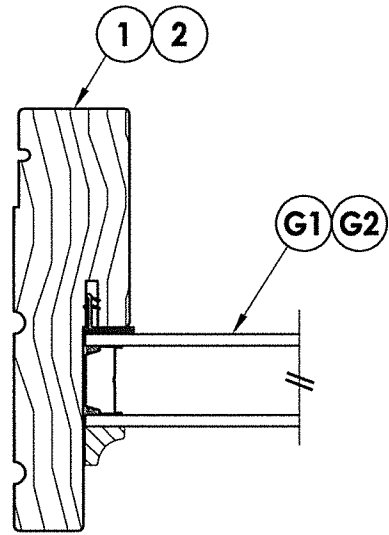
4 VERTICAL CROSS SECTION
2

PRODUCT: THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY: DOOR PANEL DETAILS

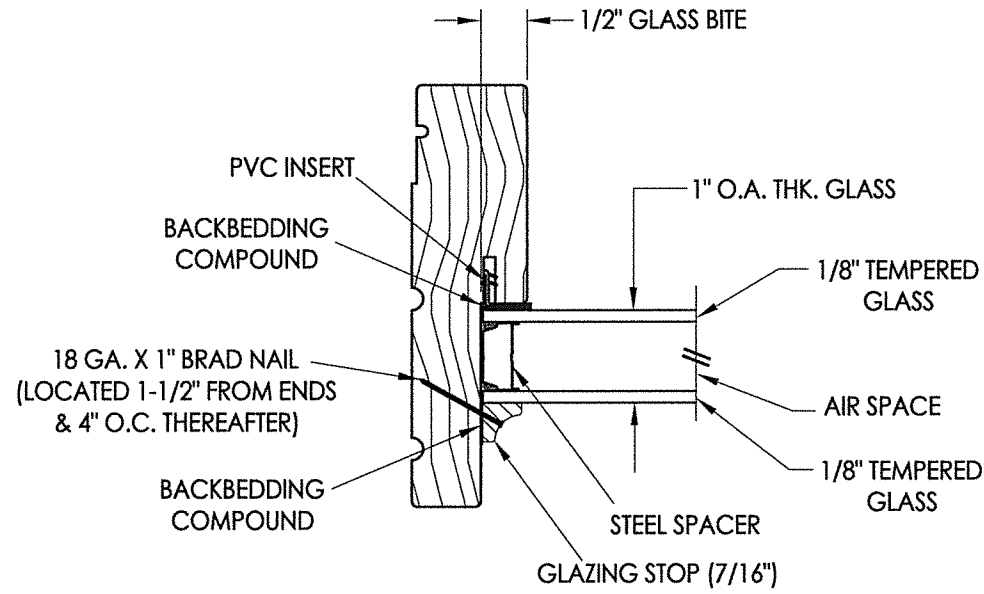
NO.	DATE	BY	REVISIONS

DATE: 1/06/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5153
SHEET 2 OF 9

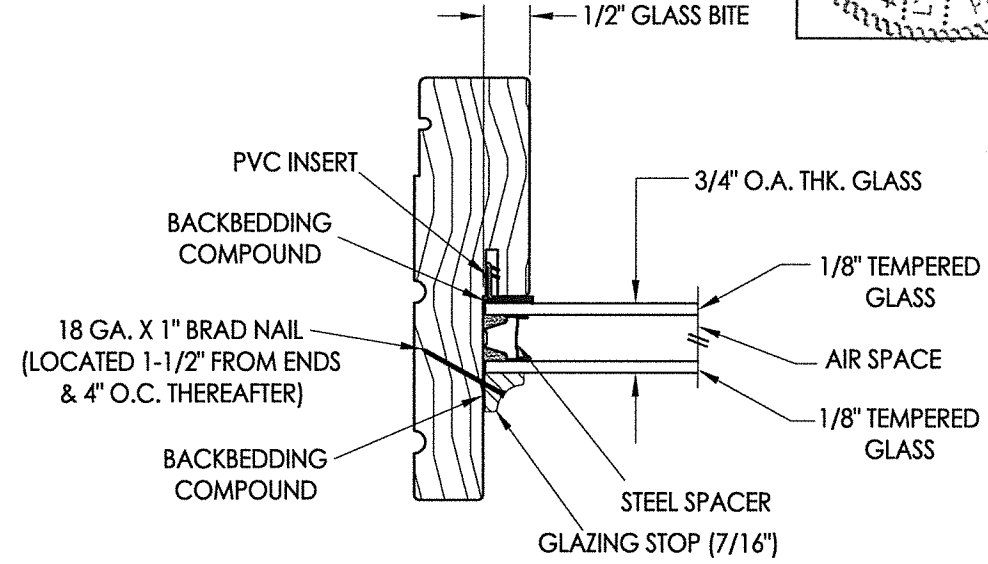
"Classic Craft" SERIES DOOR PANEL
FIBERGLASS DOOR SKIN: 0.095" MIN. THK.
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)



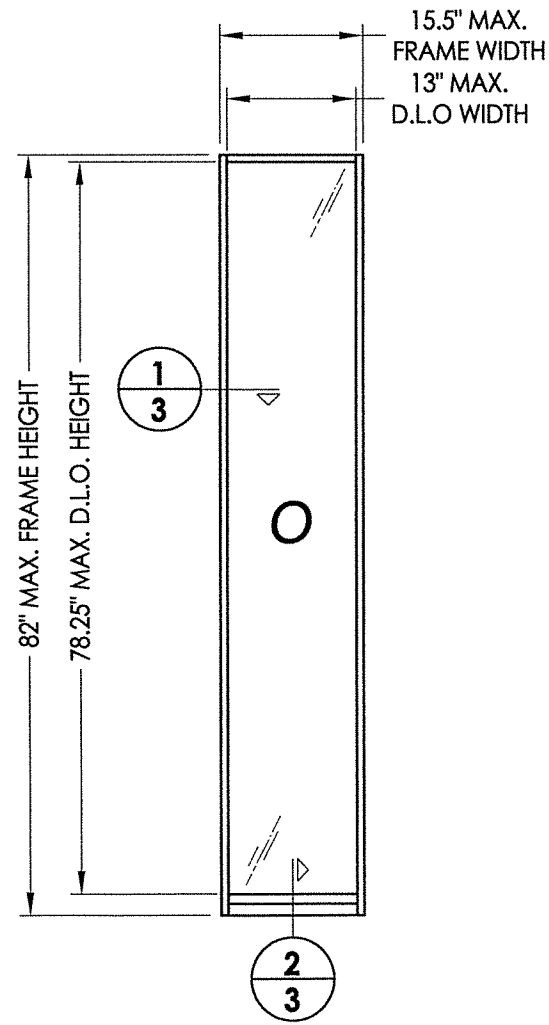
1
3 HORIZONTAL CROSS SECTION



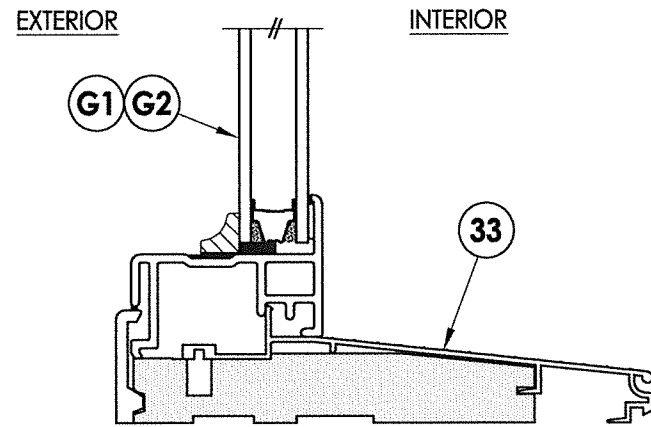
G1 GLAZING DETAIL
1" Insulated Glass



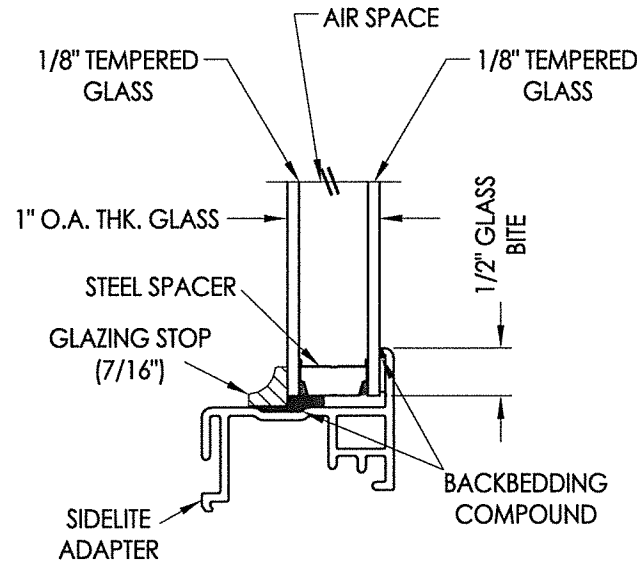
G2 GLAZING DETAIL
3/4" Insulated Glass



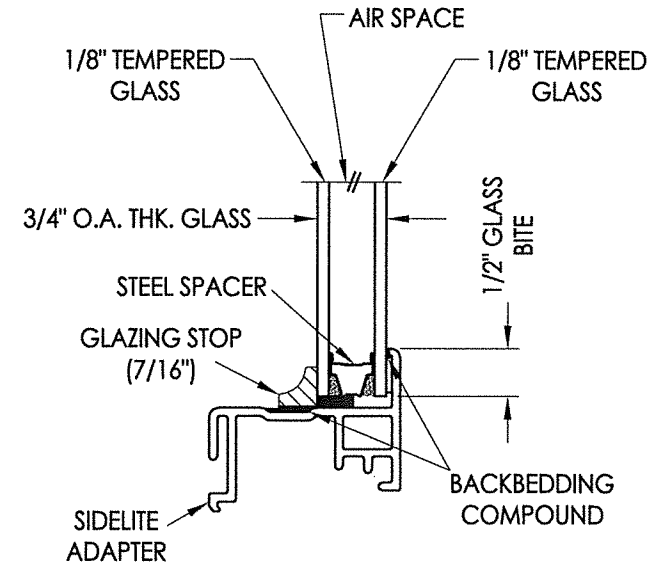
50 DIRECT SET SIDELITE FRAME



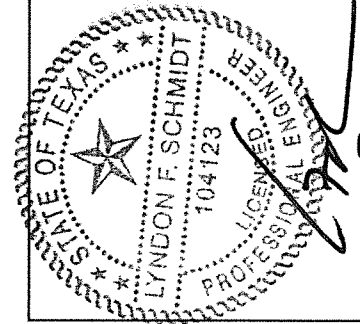
2
3 VERTICAL CROSS SECTION



G1 GLAZING DETAIL
1" Insulated Glass



G2 GLAZING DETAIL
3/4" Insulated Glass



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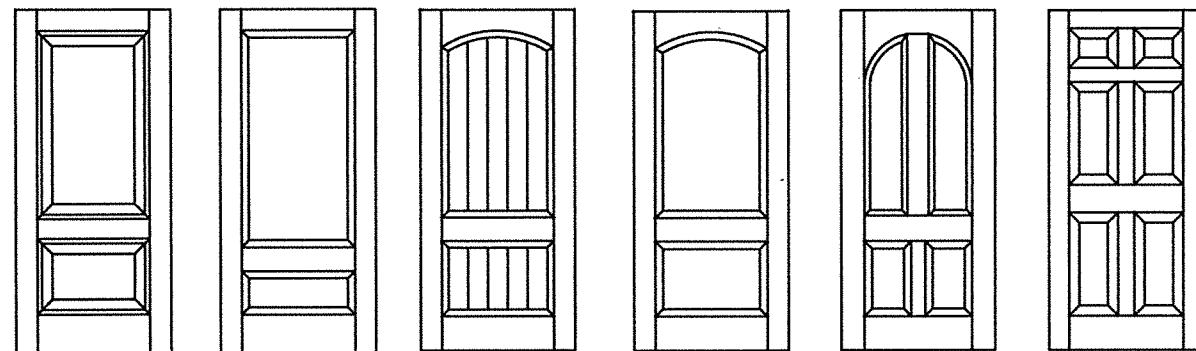
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Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

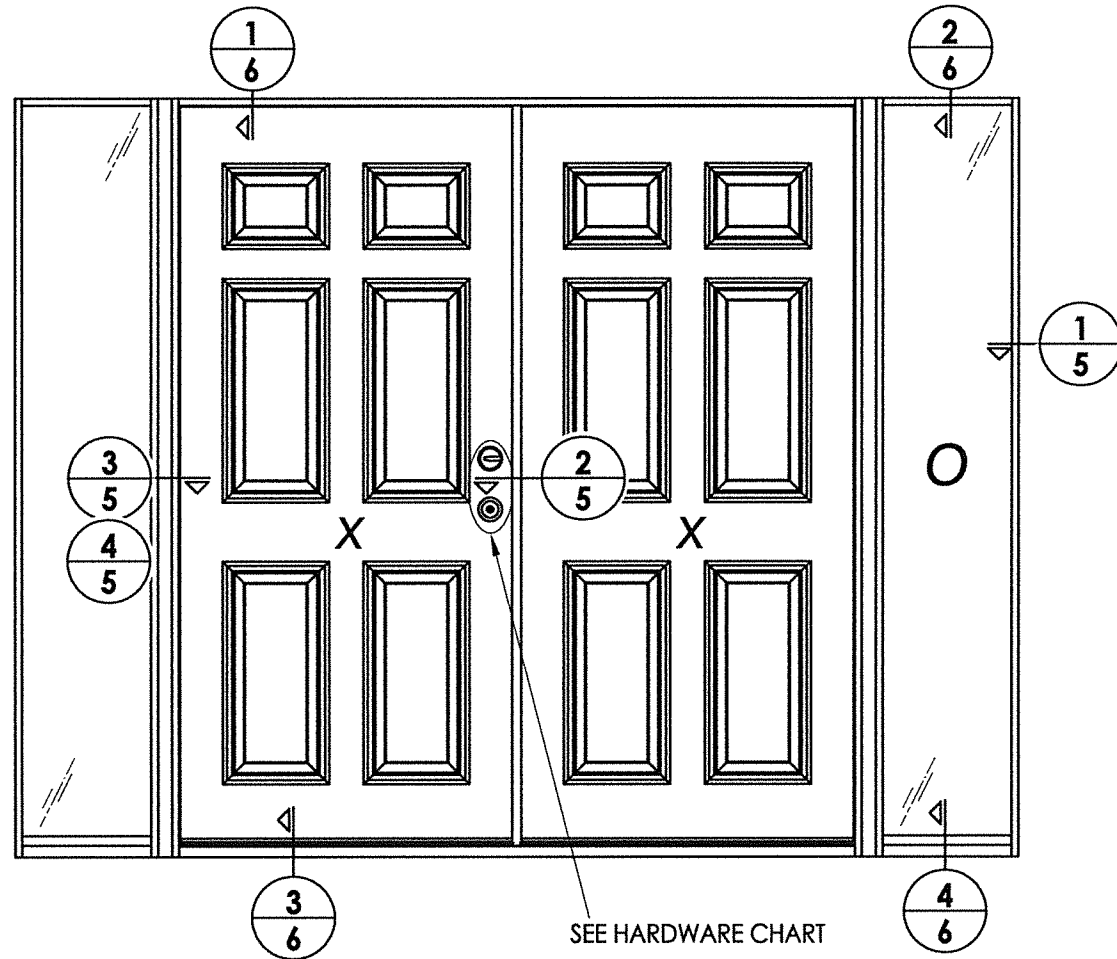
NO.	DATE	BY

DATE: 1/06/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5153
SHEET 3 OF 9



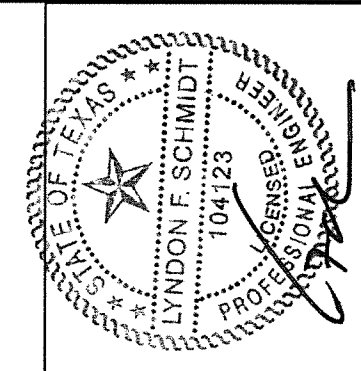
Classic Craft Door Panel Options

Panel options shown are for illustration and are representative only
(similar opaque panel configurations are allowed)



ELEVATION
OXXO

HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F51 DEADBOLT: B60
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)



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

PRODUCT: THERMA-TRU FIBERGLASS DOOR

PART OR ASSEMBLY: ELEVATIONS

NO.	DATE	BY	REVISIONS

DATE: 1/06/21

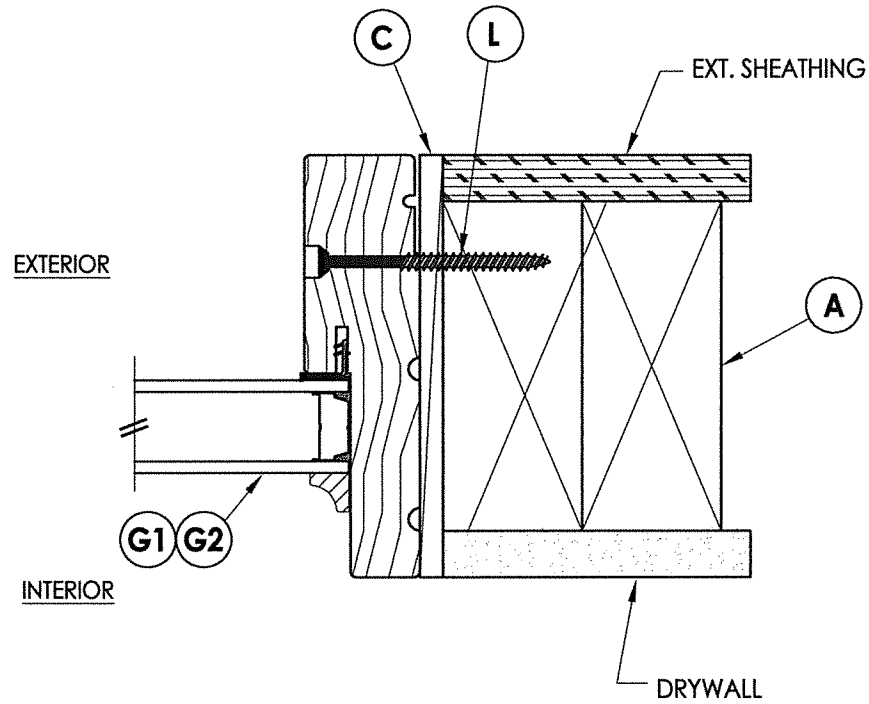
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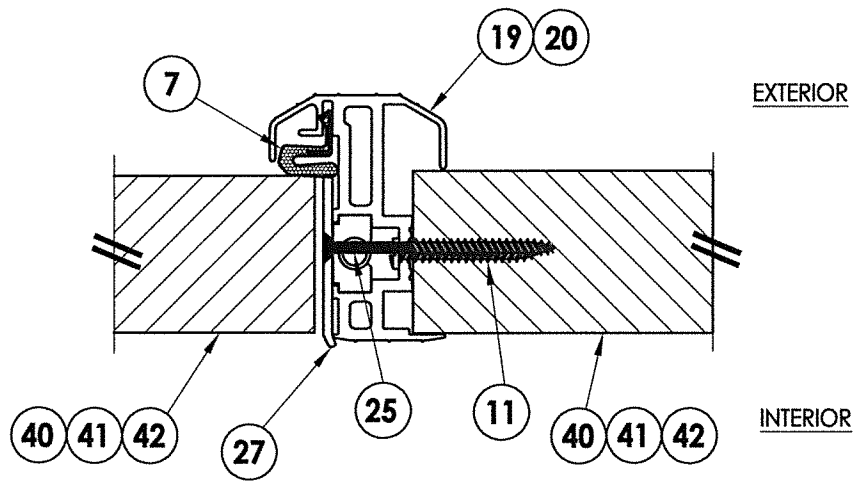
CHK. BY: LFS

DRAWING NO.: TX-5153

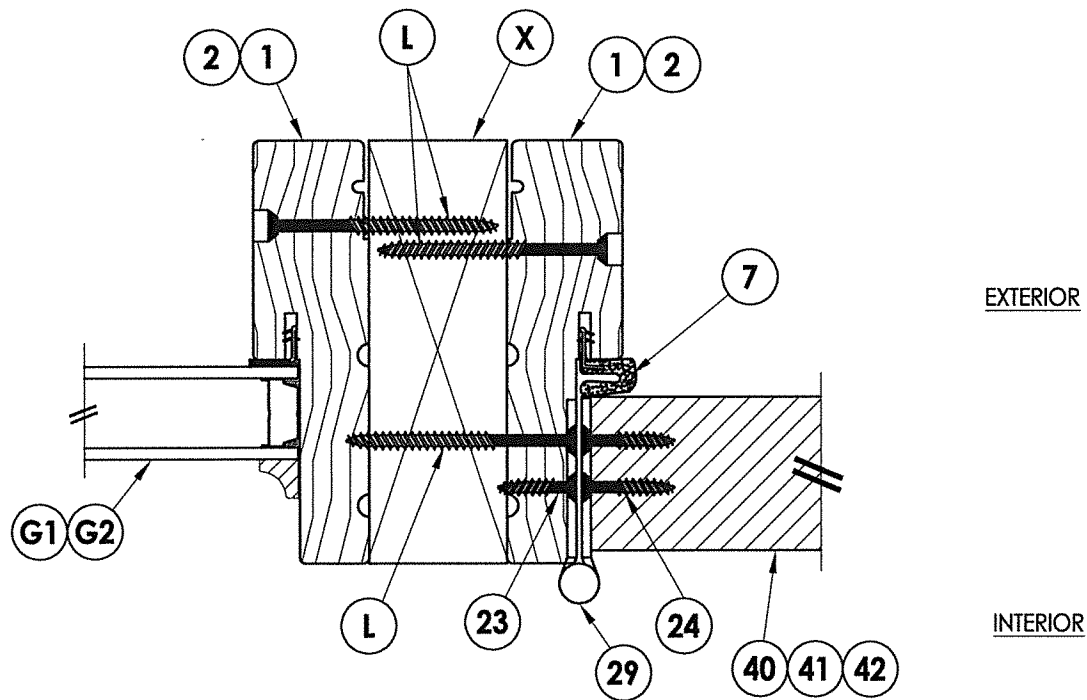
SHEET 4 OF 9



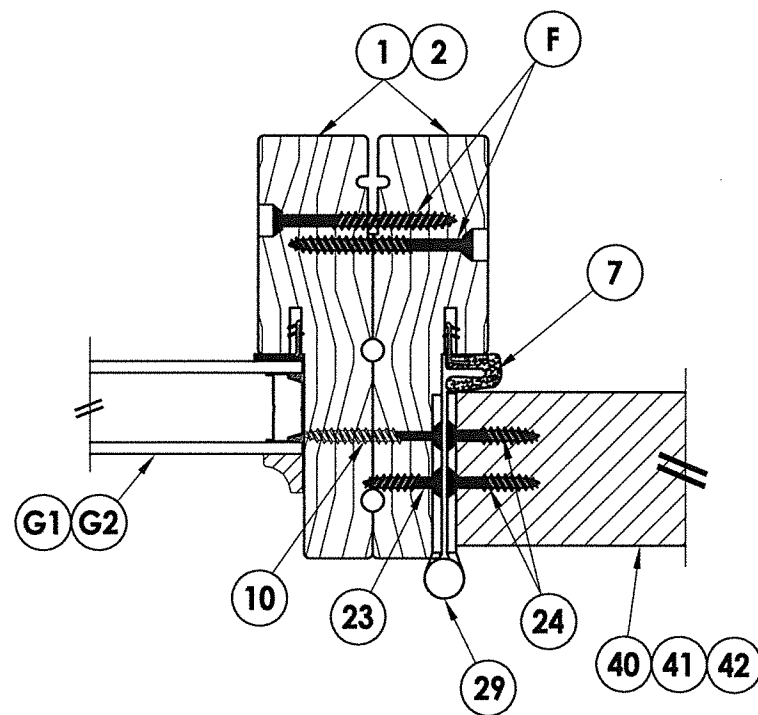
1
5 HORIZONTAL CROSS SECTION



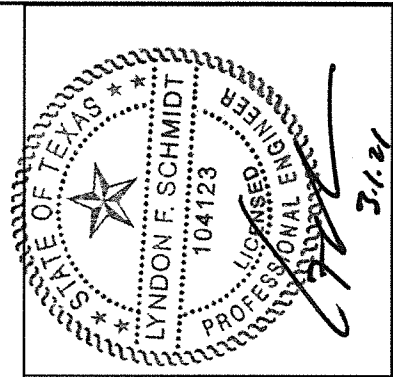
2
5 HORIZONTAL CROSS SECTION



3
5 HORIZONTAL CROSS SECTION
Shown w/ 2X Reinforcement



4
5 HORIZONTAL CROSS SECTION
Shown w/ Back-to-Back Jamb



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

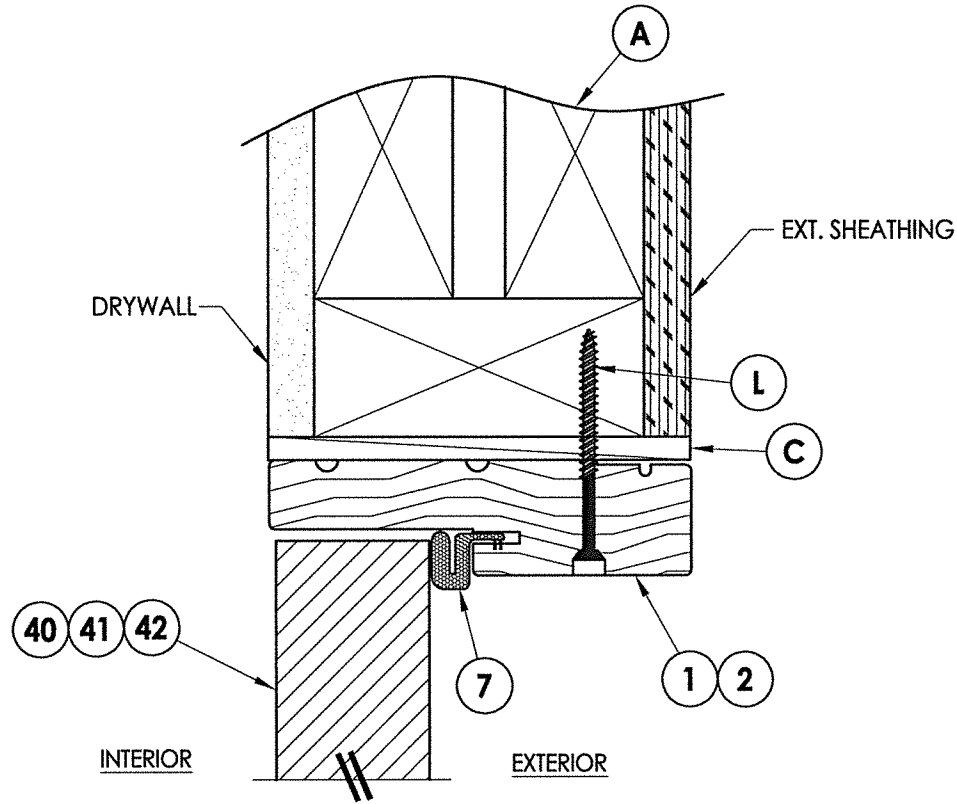
NO.	DATE	BY	REVISIONS

DATE: 1/06/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5153
SHEET 5 OF 9

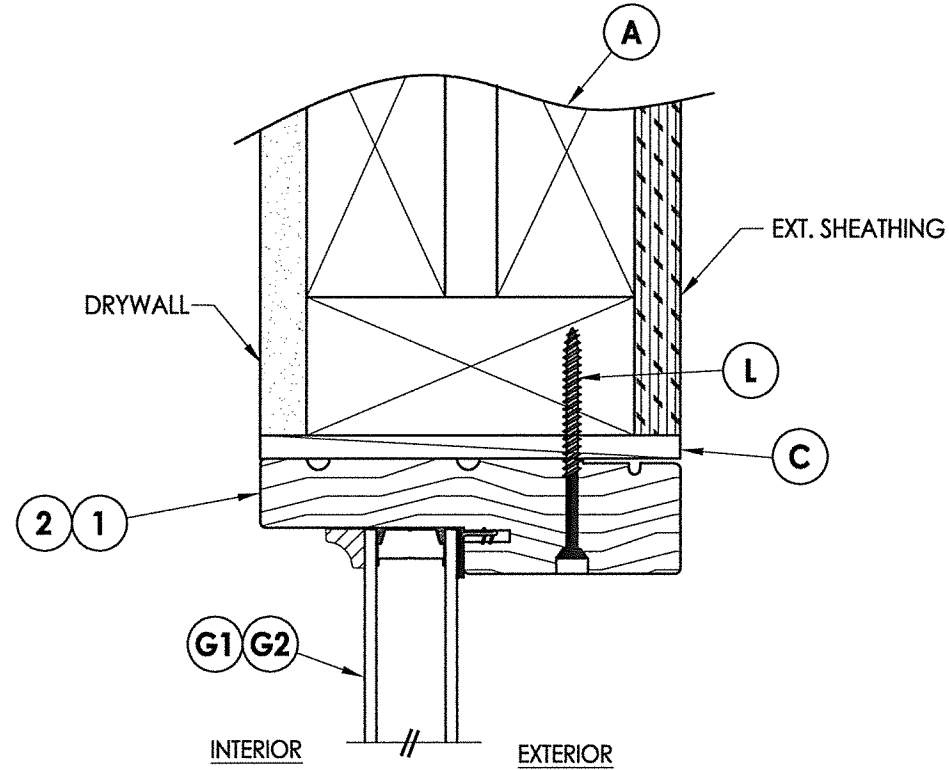
Z:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR XXX - 6'8, 7' & 8' CC Opaque FG NonImp IS Dir Set Sidelites (TX 5152-5157)\C - Drawings\TX-5152-53.dwg

Note:

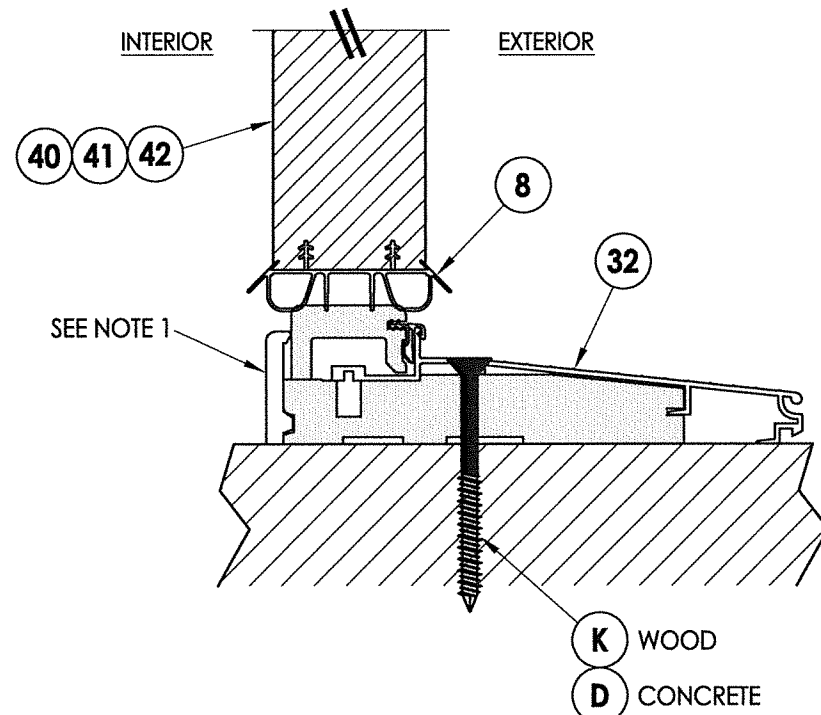
1. Sill Item #'s 32 & 33 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.



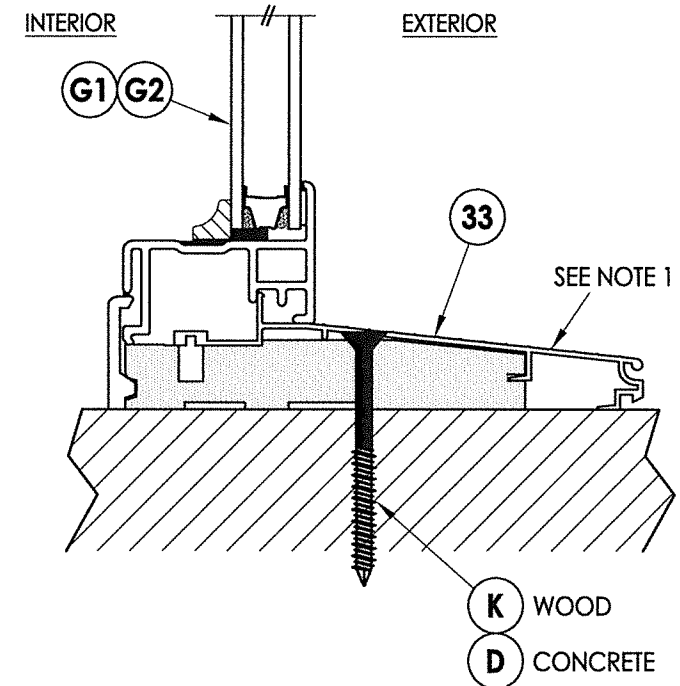
1
6 VERTICAL CROSS SECTION



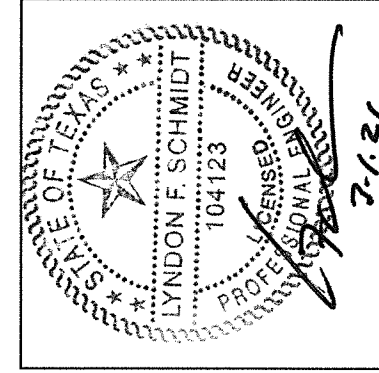
2
6 VERTICAL CROSS SECTION



3
6 VERTICAL CROSS SECTION
Inswing Sill



4
6 VERTICAL CROSS SECTION
Inswing Sill



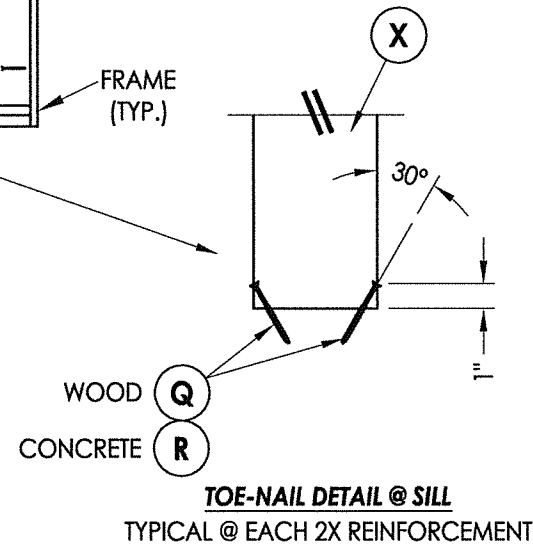
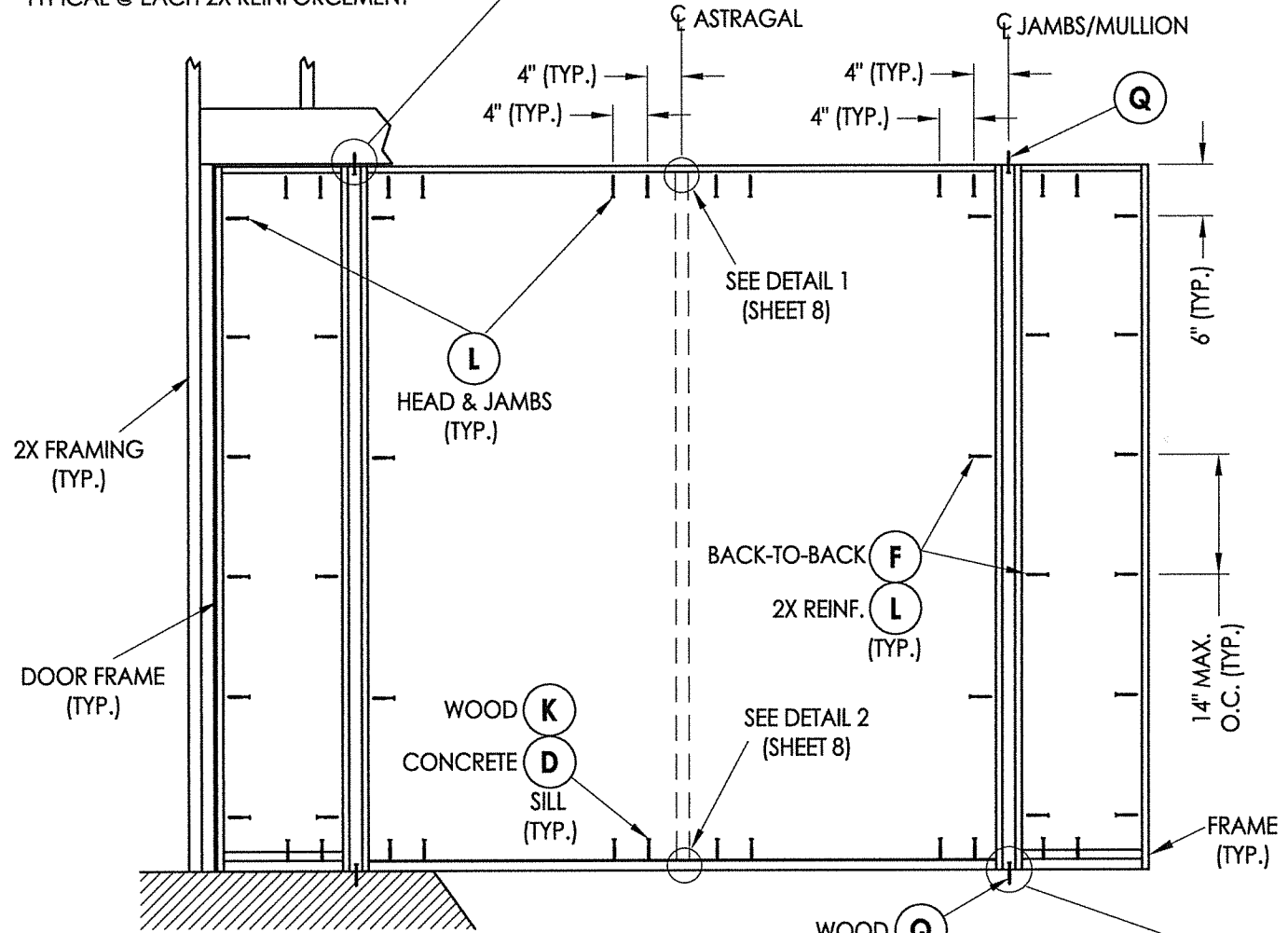
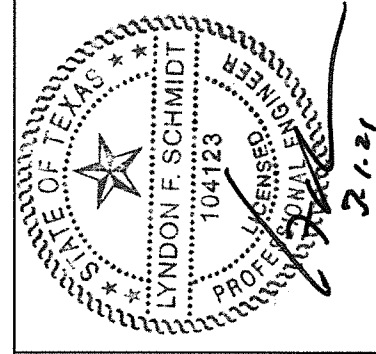
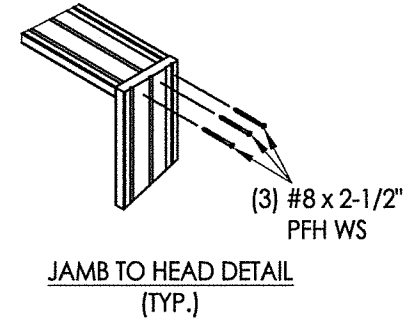
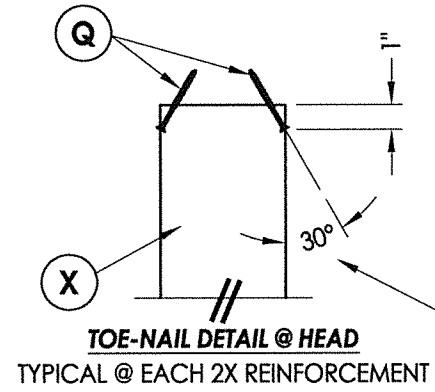
Documents Prepared By: Lyndon F. Schmidt, P.E.
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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY: VERTICAL
CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 1/06/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5153
SHEET 6 OF 9



FRAME ANCHORING

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Phone No.: 813.699.9197

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

PRODUCT: THERMA-TRU FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY	REVISIONS

DATE: 1/06/21

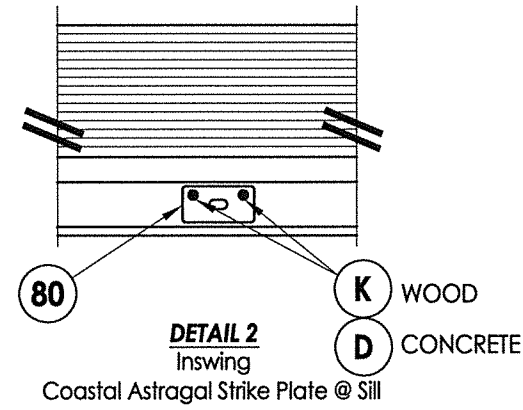
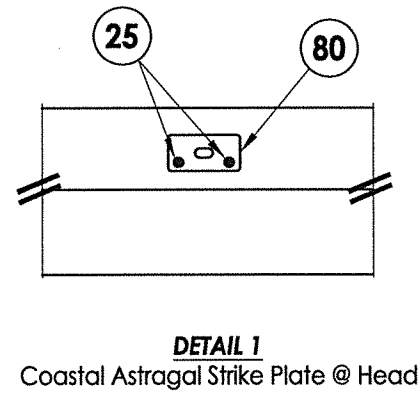
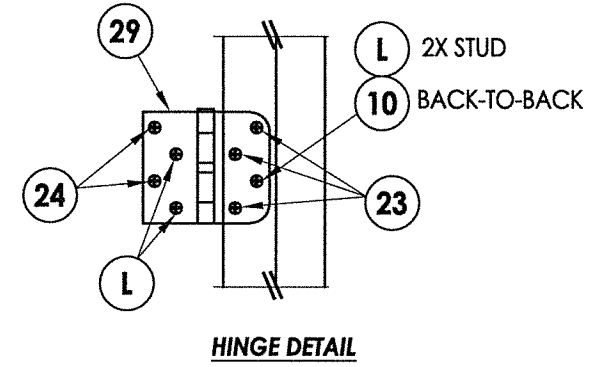
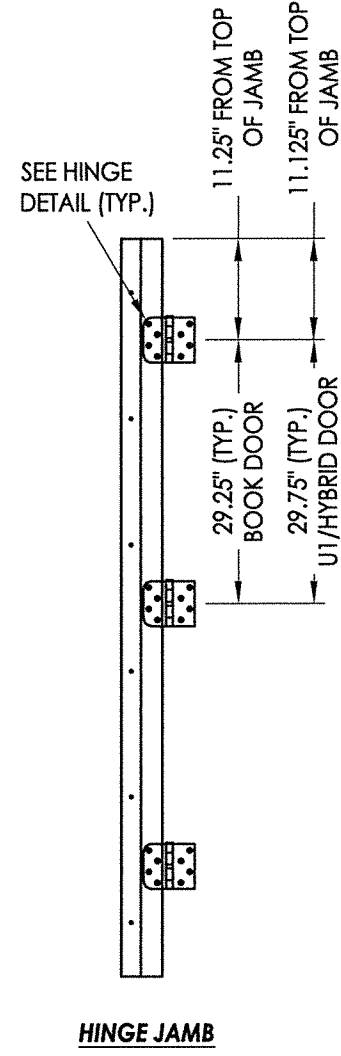
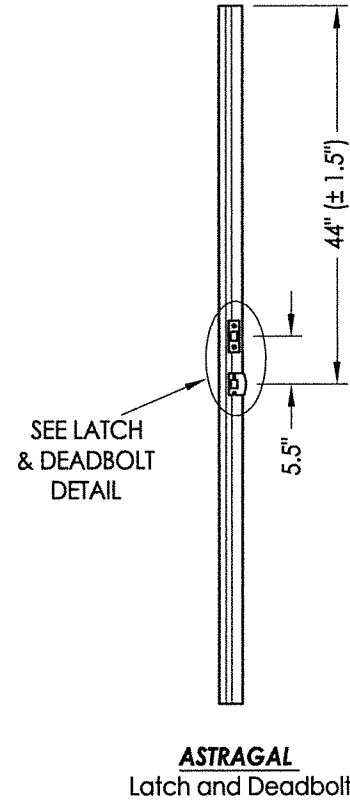
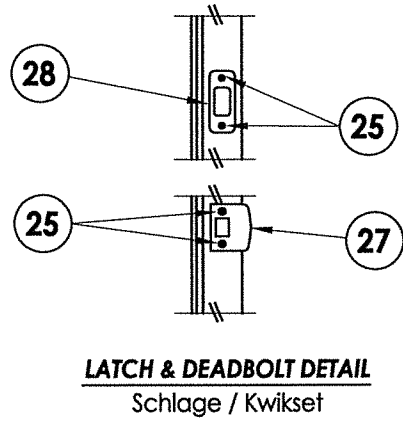
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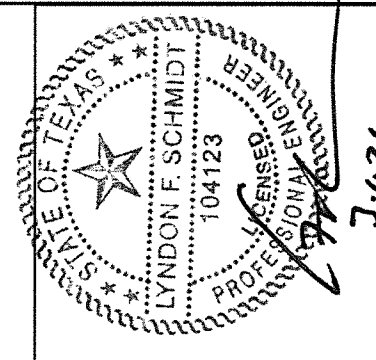
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DRAWING NO.: TX-5153

SHEET 7 OF 9



LATCH & DEADBOLT STRIKE DETAILS



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: THERMA-TRU FIBERGLASS DOOR

PART OR ASSEMBLY: HARDWARE DETAILS

NO.	DATE	BY	REVISIONS

DATE: 1/06/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5153
SHEET 8 OF 9

