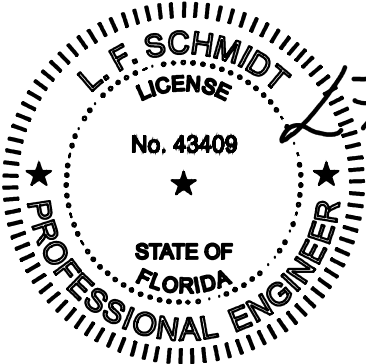


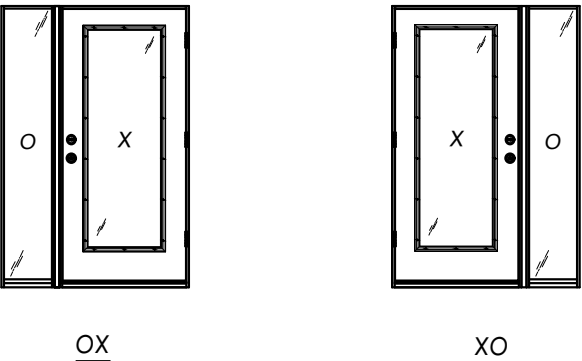


Digitally signed by
Lyndon F Schmidt
Date: 2026.08.10
16:28:49 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



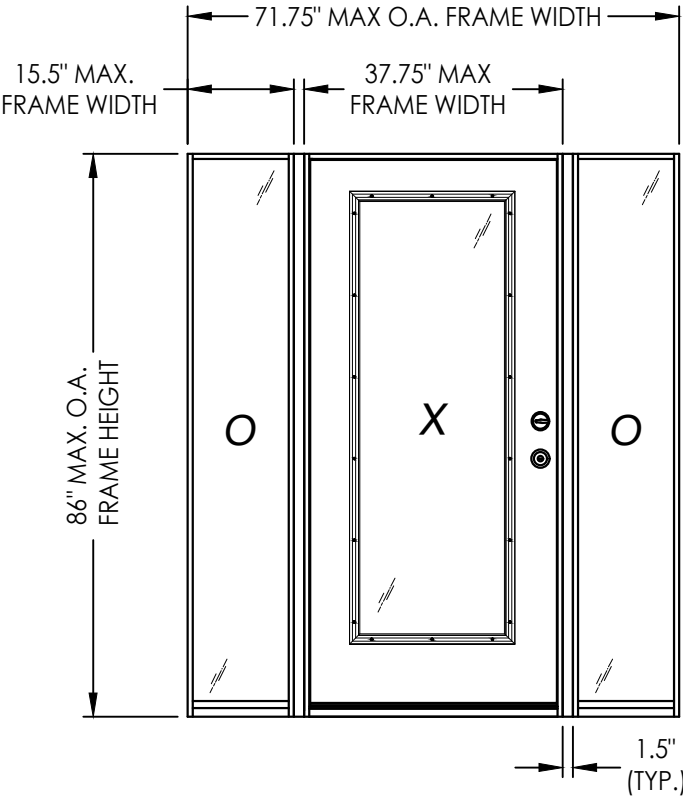
GLAZED FIBERGLASS SINGLE DOOR
w/ DIRECT SET SIDELITE(S)

INSWING
"NON-IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET#	
1	Typical Elevations, Design Pressures & General Notes	7	Vertical Cross Sections (Thresholds)
2	Door Panel Details	8	Buck Anchoring
3	Sidelite Panel Details	9	Frame Anchoring
4	Elevations	10	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)	11	Glazing Details
6	Horizontal & Vertical Cross Sections (1X Buck)	12	Bill of Materials & Components



CONFIGURATION	2X REINFORCEMENT REQUIRED	DESIGN PRESSURE (PSF) w/ FJ PINE JAMBS		DESIGN PRESSURE (PSF) w/ COMPOSITE JAMBS	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	NO	+40.0	-45.0	+40.0	-45.0
	YES	+40.0	-45.0	+40.0	-45.0

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

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

2	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
1	7/24/23	UPDATE TO 8TH ED. (2023) FBC	LFS
NO.	DATE		BY

REVISIONS

DATE: 12/10/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

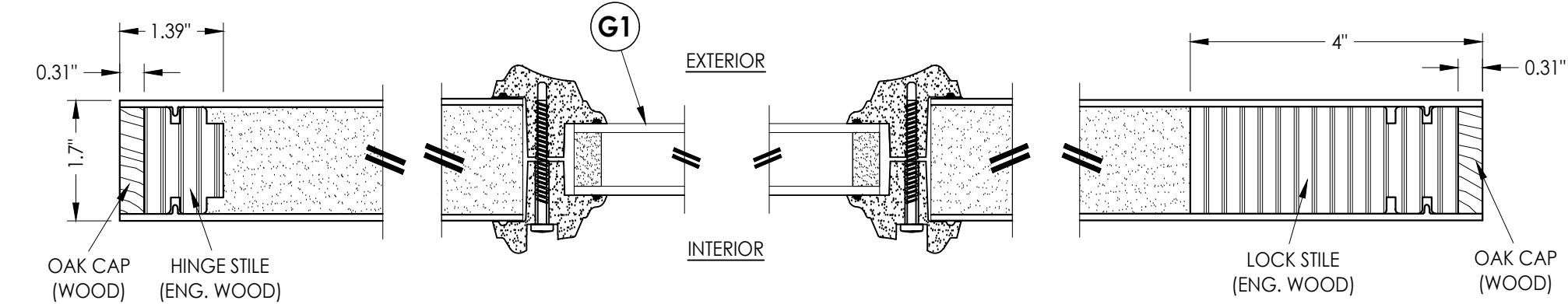
DRAWING NO.: FL-35436.18

SHEET 1 OF 12

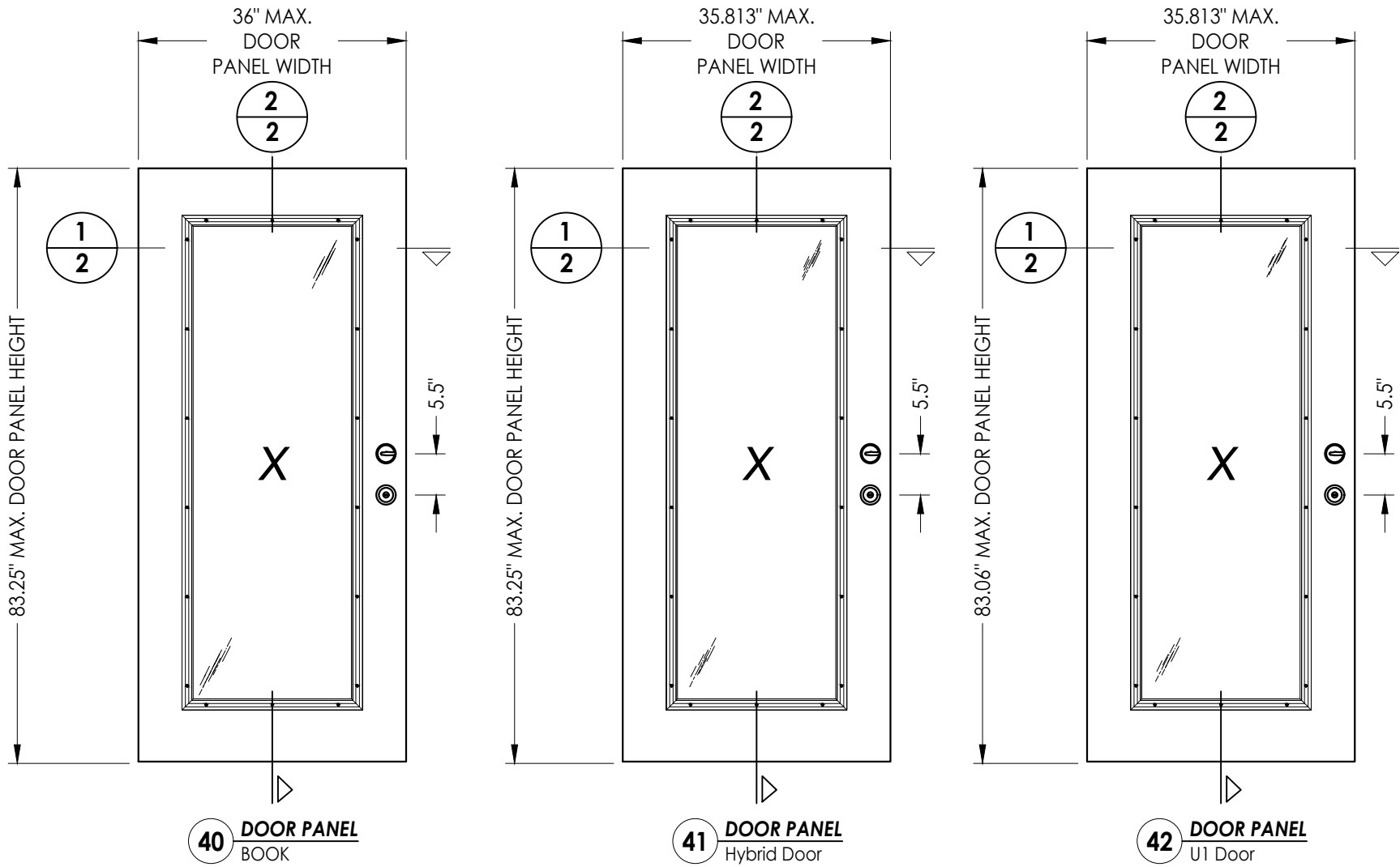
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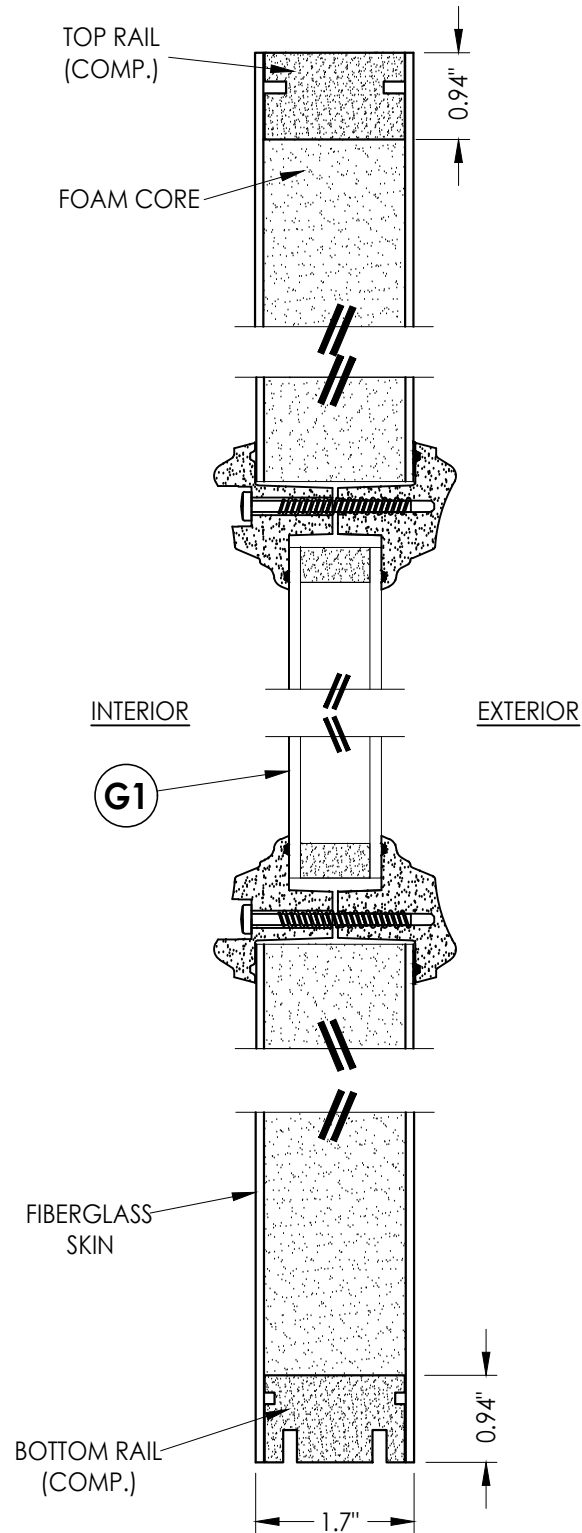
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1
2 HORIZONTAL CROSS SECTION



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



2
2 VERTICAL CROSS SECTION

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PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
NO.	DATE	REVISIONS	
		LFS	BY
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC
1	DATE		
DATE: 12/10/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-35436.18			
SHEET 2 OF 12			

86" MAX. FRAME HEIGHT

82.25" MAX. D.L.O. HEIGHT

15.5" MAX. FRAME WIDTH

13" MAX. D.L.O. WIDTH

1
3

2
3

O

1/2" GLASS BITE

PVC INSERT

BACKBEDDING COMPOUND

1" O.A. THK. GLASS

1/8" TEMPERED GLASS

18 GA. X 1" BRAD NAIL
(LOCATED 1-1/2" FROM ENDS
& 4" O.C. THEREAFTER)

AIR SPACE

1/8" TEMPERED GLASS

BACKBEDDING COMPOUND

STEEL SPACER

GLAZING STOP (7/16")

This diagram illustrates the cross-section of a double-pane window assembly. On the left, a vertical section of the window frame is shown with a wavy texture. A PVC insert is embedded in the frame, and a 1/2" glass bite is indicated at the top. The main assembly consists of two 1/8" tempered glass panes separated by a 1" O.A. (Overall Area) thick glass spacer. The spacer is held in place by a steel spacer and a glazing stop (7/16"). The entire assembly is secured with 18 GA. X 1" brad nails, located 1-1/2" from the ends and 4" O.C. (On Center) thereafter. Backbedding compound is applied to the frame and the spacer. An air space is shown between the two glass panes.

2 VERTICAL CROSS SECTION

A detailed cross-sectional diagram of a Sidelite Adapter installation. The diagram shows a vertical window frame with a central opening. A 1" O.A. THK. GLASS pane is being inserted into this opening. The glass is held in place by 1/8" TEMPERED GLASS spacers at the top and bottom. An AIR SPACE is indicated between the glass panes. A STEEL SPACER is used to maintain the gap. A GLAZING STOP (7/16") is shown on the left side of the frame. A 1/2" GLASS BITE is indicated on the right side. The BACKBEDDING COMPOUND is shown filling the gap between the glass and the frame. A SIDELITE ADAPTER is shown on the left side of the frame, with a label pointing to it.

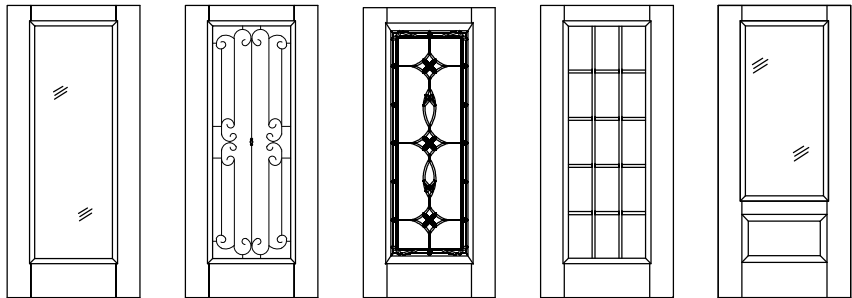
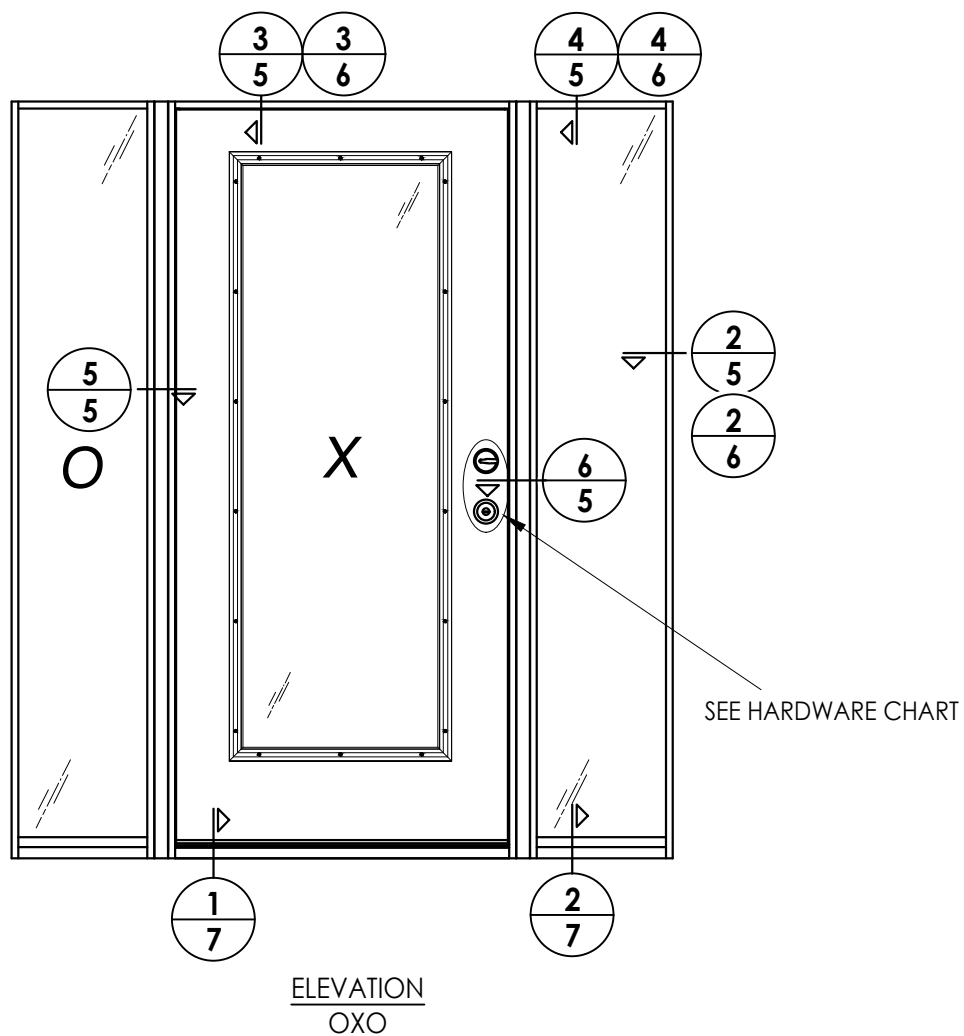
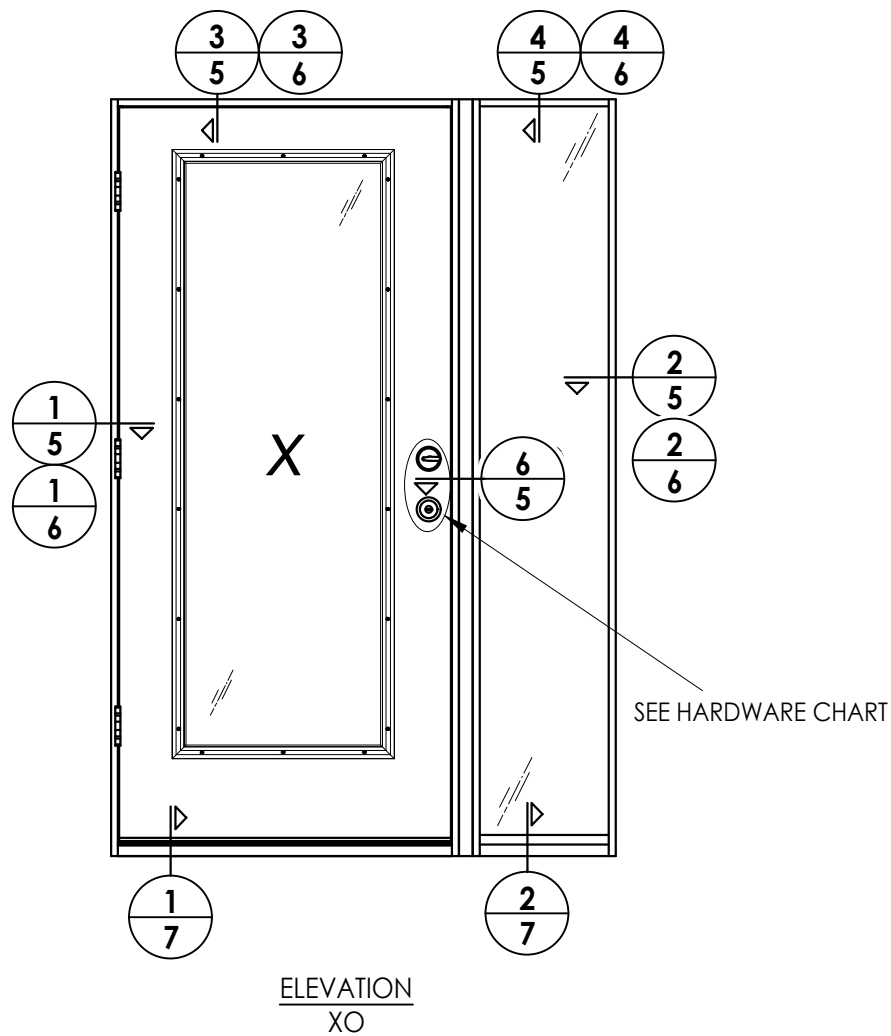
G2 **GLAZING DETAIL**
1" Insulated Glass

A detailed cross-sectional diagram of a window assembly. The diagram shows two vertical glass panes separated by a central spacer. The panes are labeled "1/8\" TEMPERED GLASS". The central spacer is labeled "STEEL SPACER". The gap between the panes is labeled "AIR SPACE". The outer panes are labeled "3/4\" O.A. THK. GLASS". The bottom of the assembly features a "GLAZING STOP (7/16\")" and a "SIDELITE ADAPTER". The bottom of the main panes is labeled "1/2\" GLASS BITE". The bottom of the assembly is labeled "BACKBEDDING COMPOUND".

G3 GLAZING DETAIL
3/4" Insulated Glass

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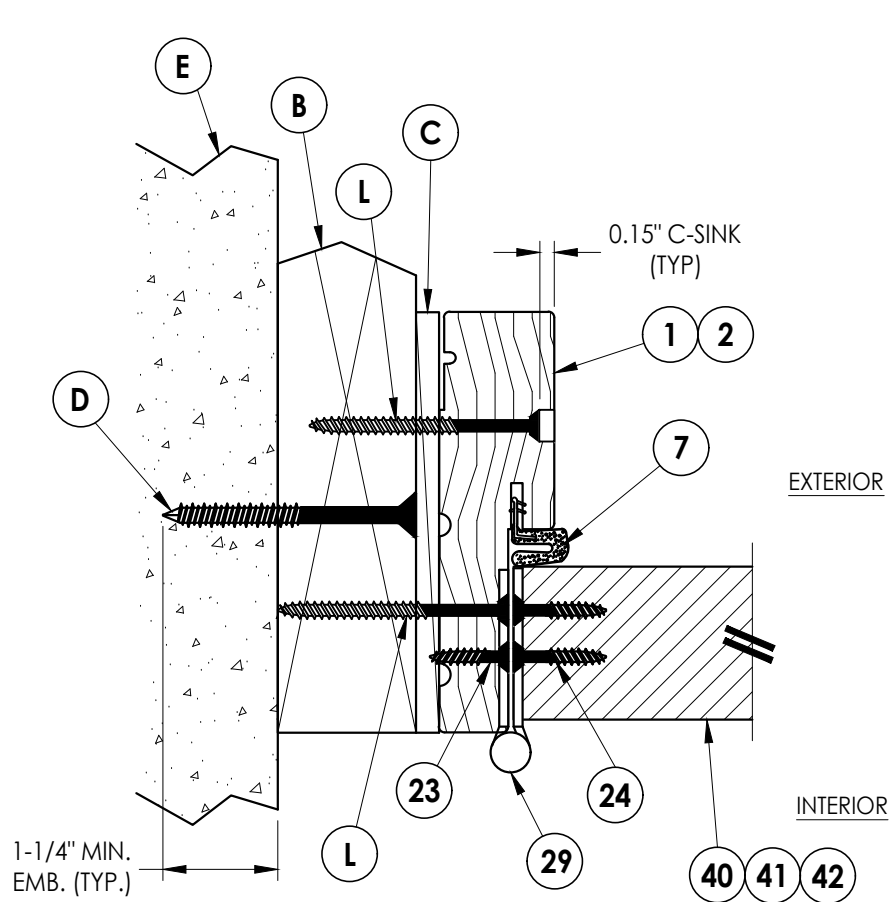
Classic Craft Door Panel Options

Products approved include all embossed and recessed panel doors.
Similar glazed panel configurations are allowed.
Panels shown are for illustration and are representative only.

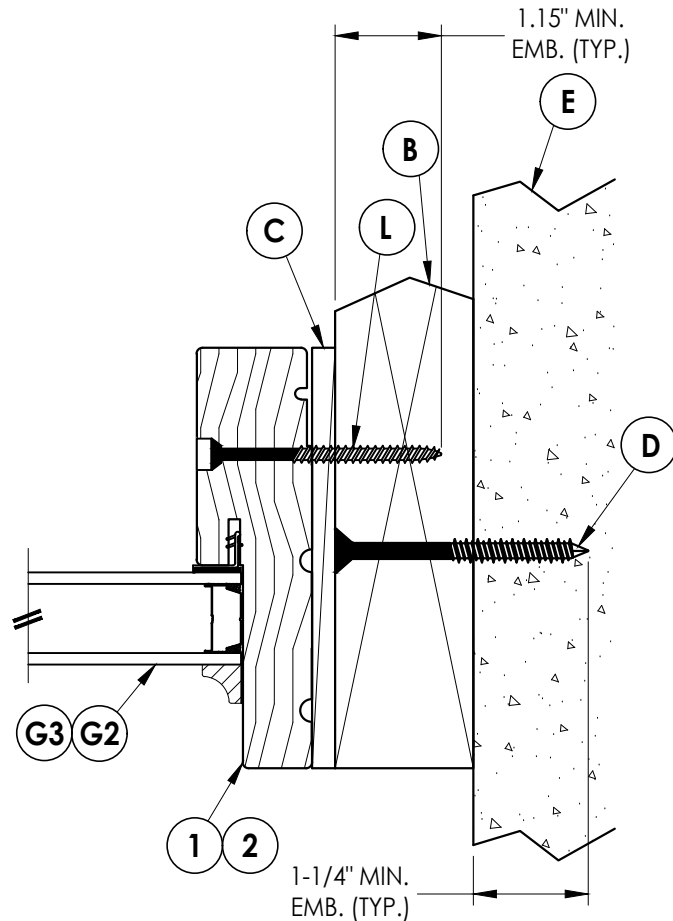
HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO	DATE			BY	
					REVISIONS

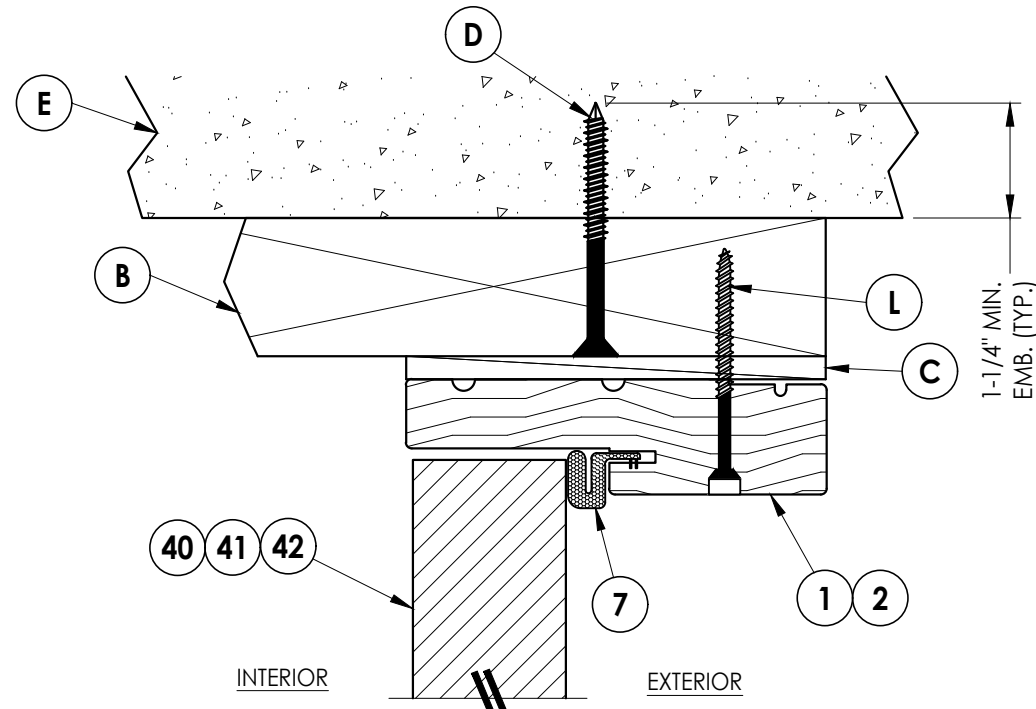
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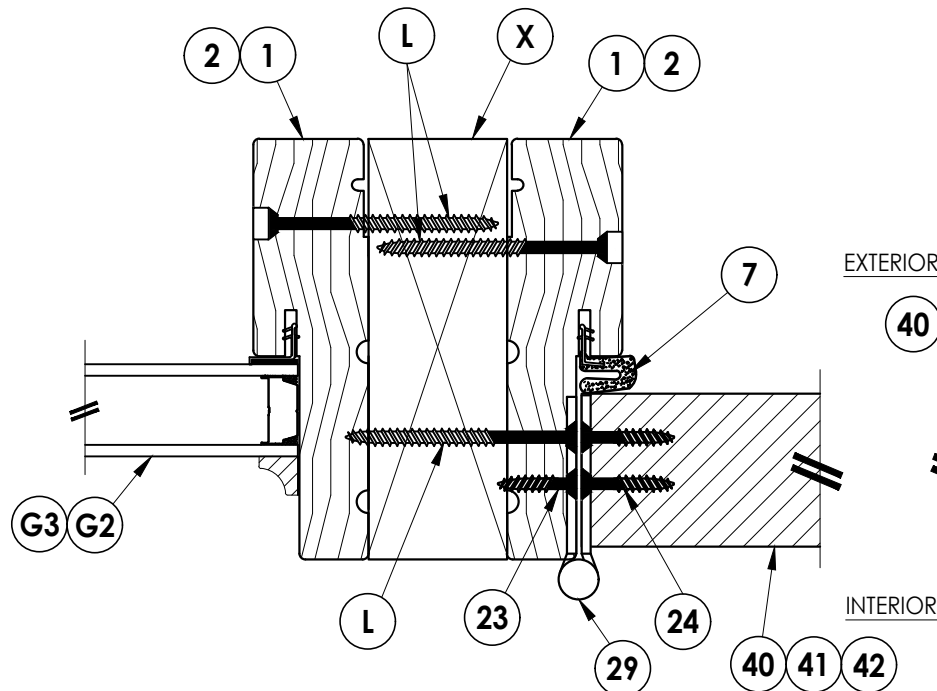
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



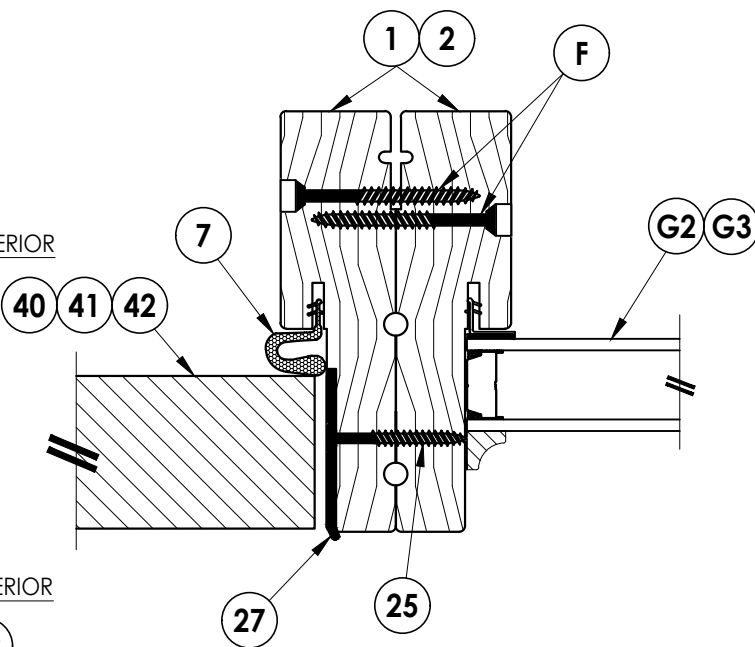
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5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



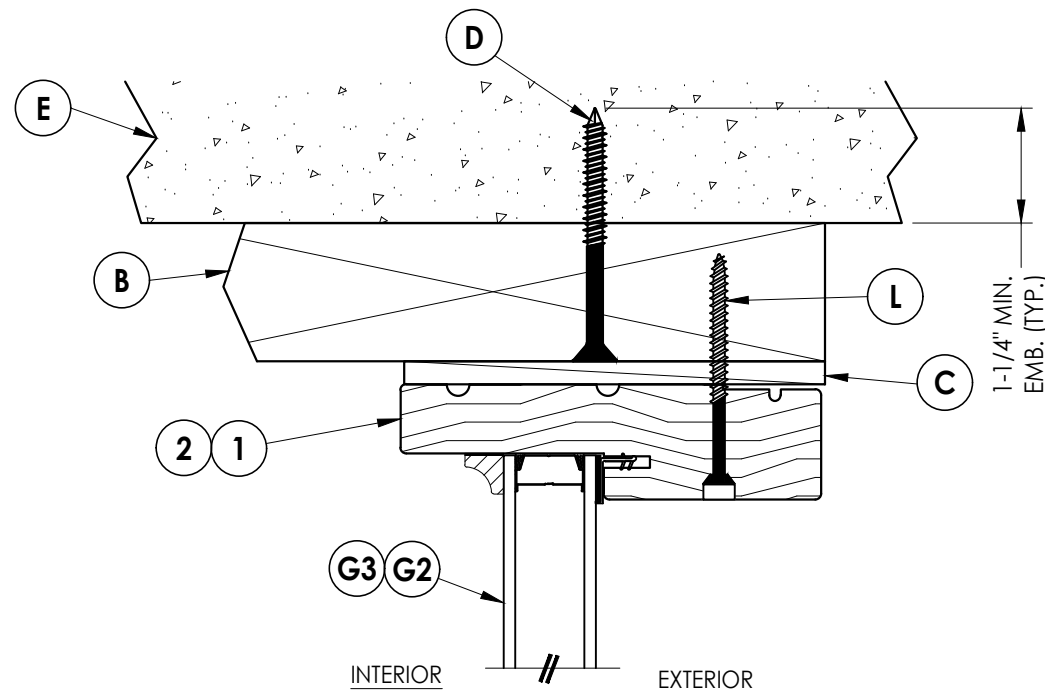
3
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



5
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Reinforcement



6
5 **HORIZONTAL CROSS SECTION**
Shown w/ Back-to-Back Jambs



4
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC
1	7/24/23	UPDATE TO 8TH ED. (2023) FBC

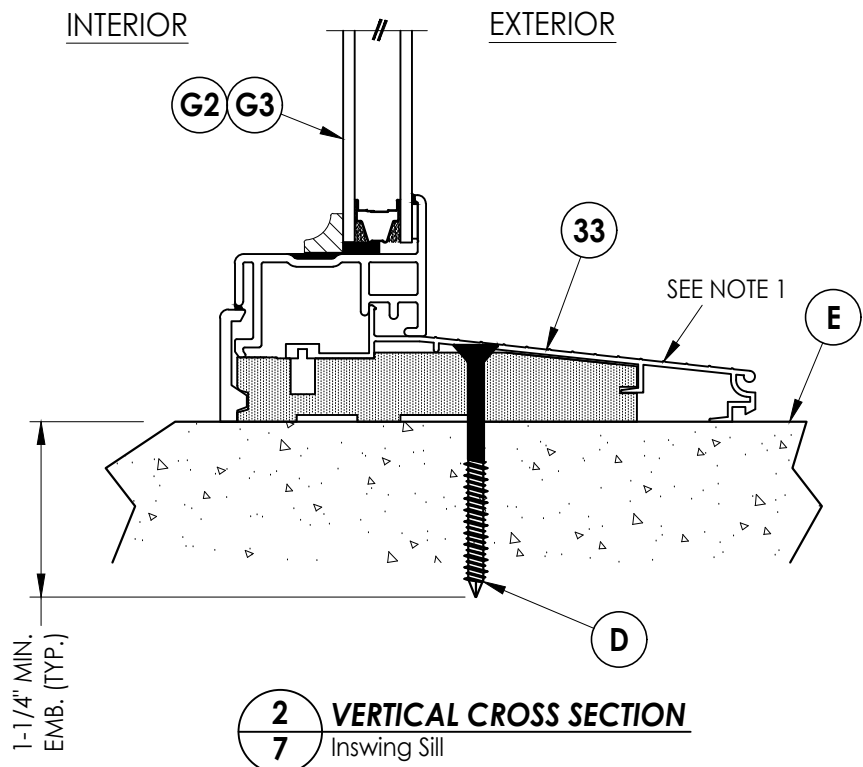
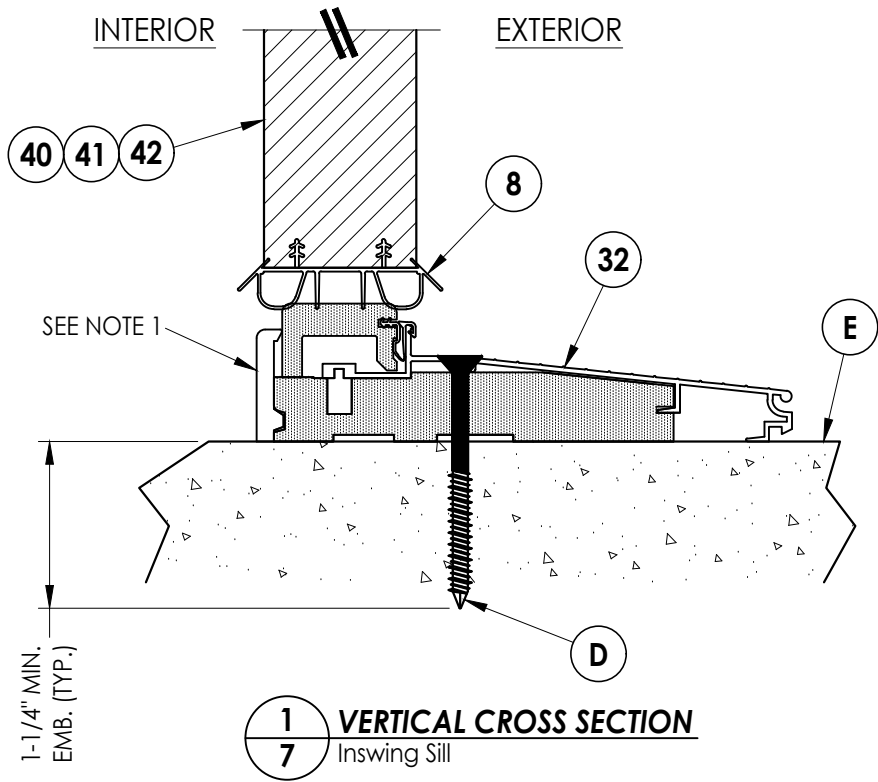
DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-35436.18
SHEET 5 OF 12



DATE: 12/10/20		PRODUCT: THERMA-TRU FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DWG. BY: RW		2 7/01/26 UPDATE TO 9TH ED. (2026) FBC LFS			
CHK. BY: LFS		1 7/24/23 UPDATE TO 8TH ED. (2023) FBC LFS			
DRAWING NO.: FL-35436.18		NO. DATE BY			
SHEET 6 OF 12		REVISIONS			

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



DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-35436.18
SHEET 7 OF 12

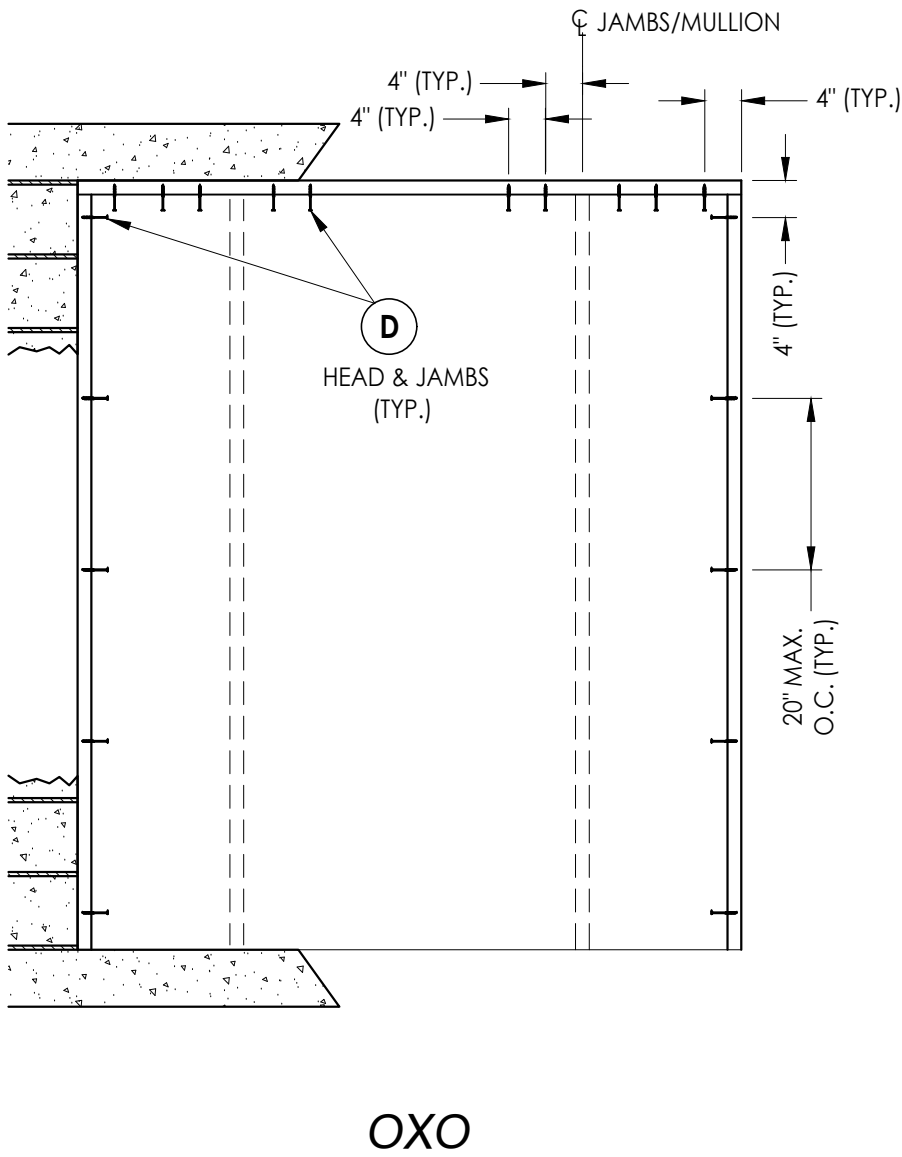
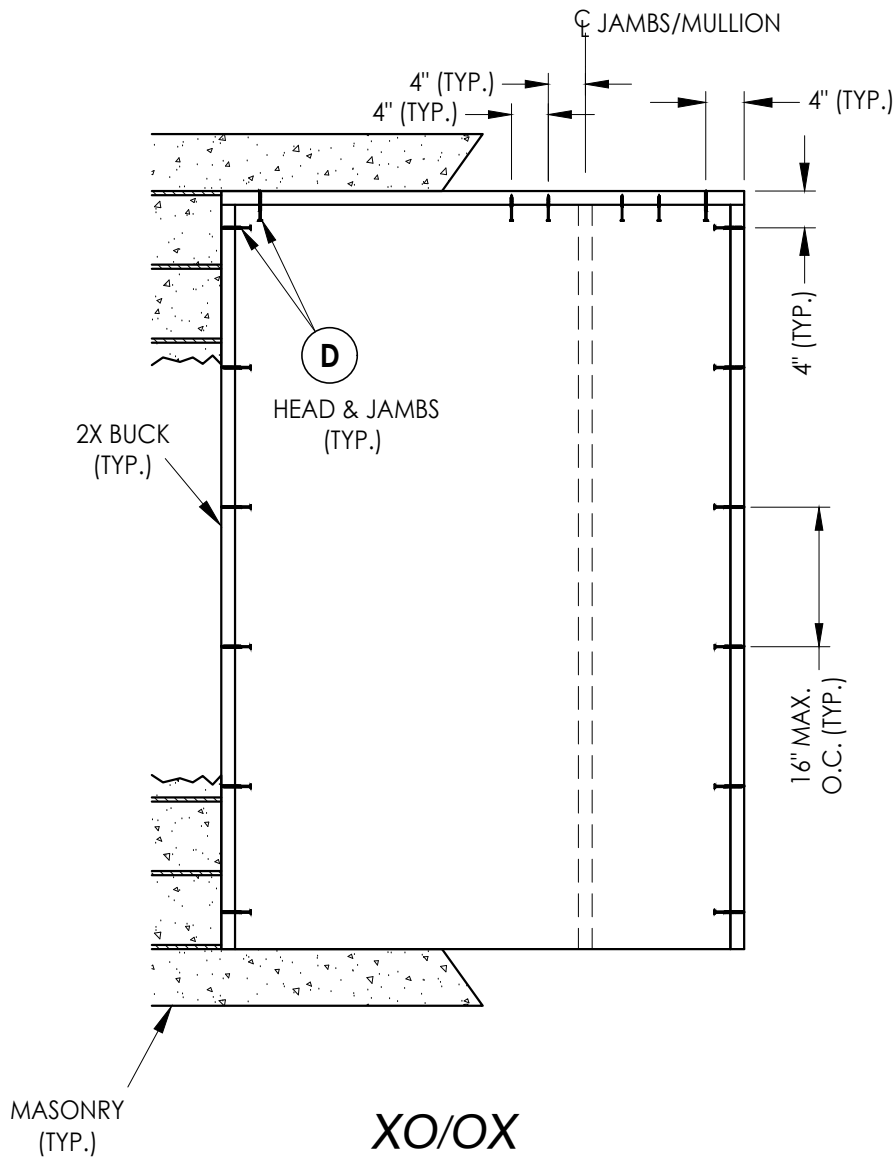
REVISIONS			
NO.	DATE	BY	
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1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC

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

Documents Prepared By:
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P.E. No. 43409

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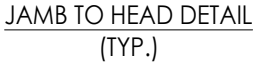
2X BUCK ANCHORING

DATE: 12/10/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-35436.18	
SHEET	8 OF 12

NO.		DATE		REVISIONS	
2	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
1	7/24/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
					BY

PRODUCT:	THERMA-TRU FIBERGLASS DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

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Lyndon F. Schmidt		
P.E. No. 43409		



TYPICAL @ EACH 2X REINFORCEMENT
NOTE: EXTEND 2X TO CONCRETE FOR 1X BUCK
MASONRY INSTALLATIONS



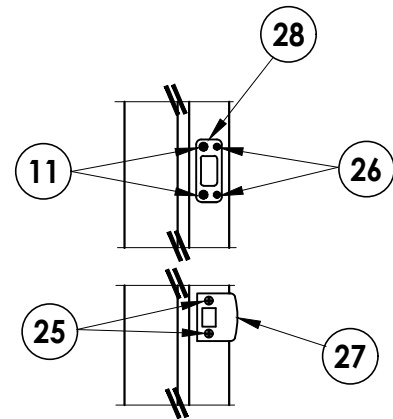
FRAME ANCHORING

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NO.	DATE				BY				
						REVISIONS			

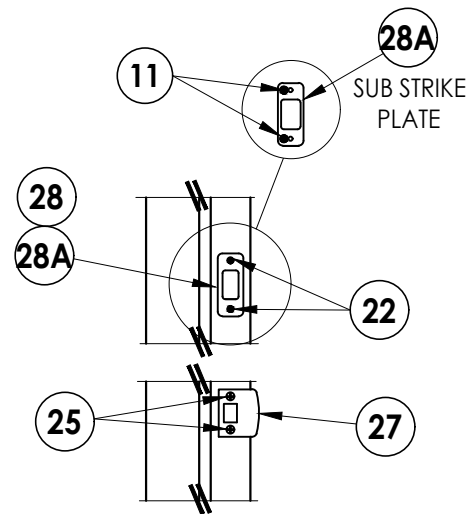
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SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-35436.18
SHEET	<u>9</u> OF <u>12</u>

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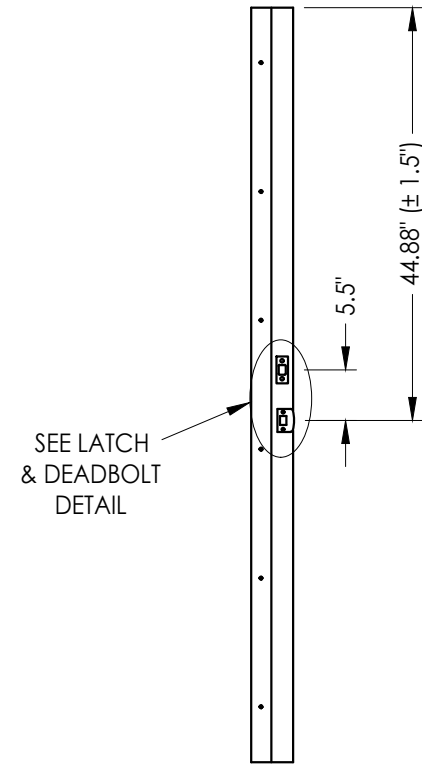


LATCH & DEADBOLT DETAIL
Kwikset

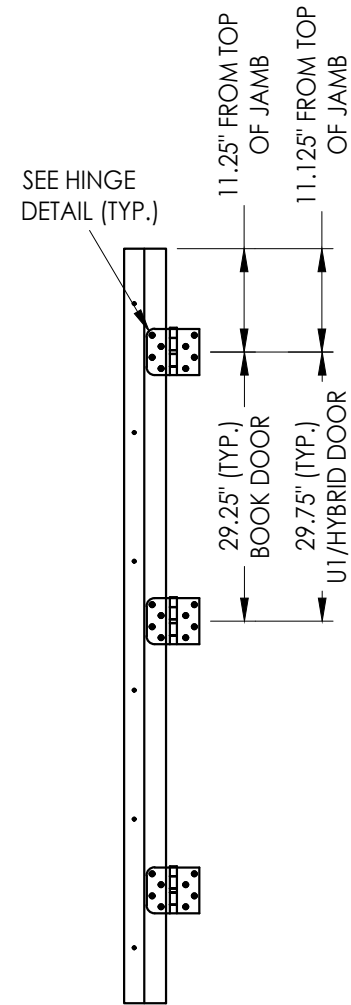


LATCH & DEADBOLT DETAIL
Schlage

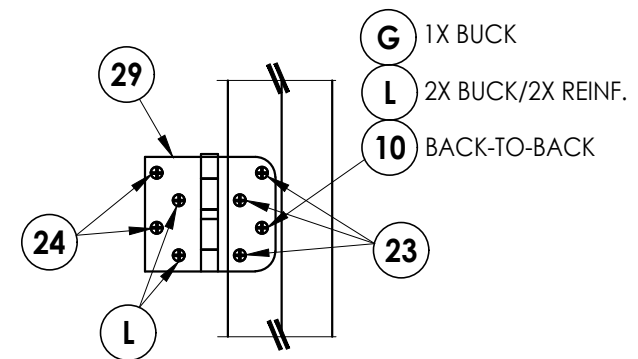
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



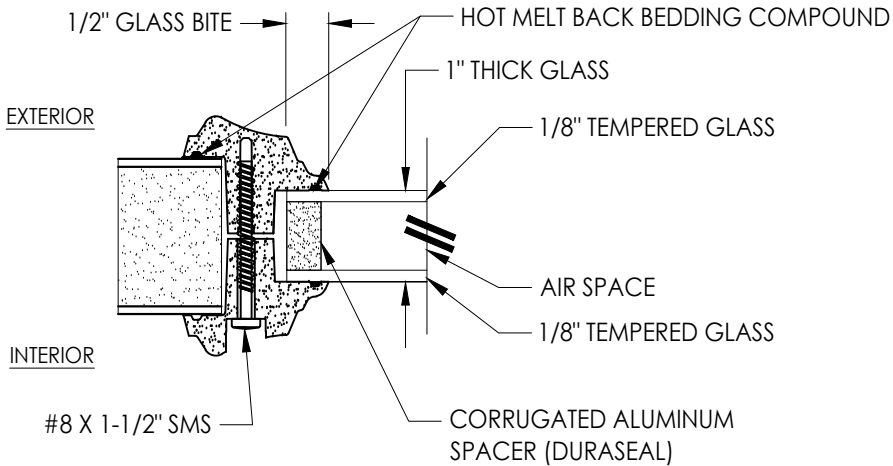
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1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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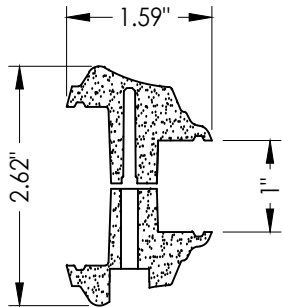
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DRAWING NO.:	FL-35436.18
SHEET	10 OF 12

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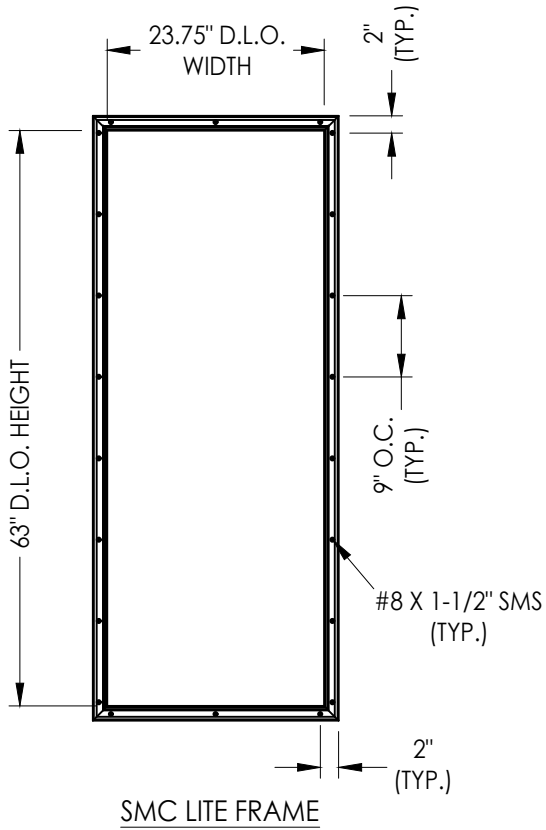
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G1 GLAZING DETAIL
SMC LIP LITE FRAME



SMC FULL LITE FRAME



DATE: 12/10/20	
SCALE: N.T.S.	
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.: FL-35436.18	
SHEET	11 OF 12

2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE			BY	

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

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