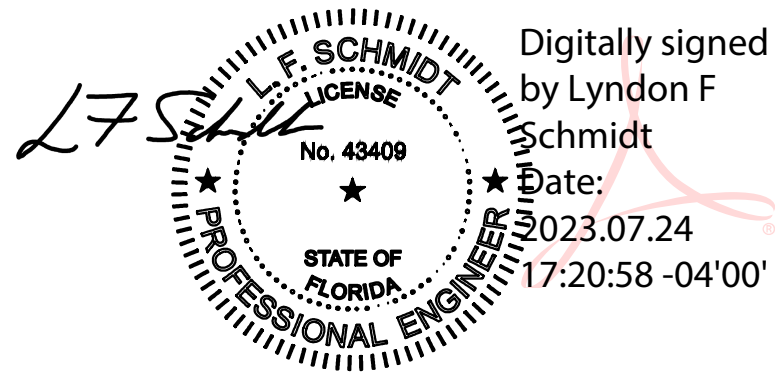


**INSWING
"NON-IMPACT"**

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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.
6. Fiber-Classic & Smooth-Star Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes	8	Vertical Cross Sections (Thresholds)
2	Door Panel Details	9	Buck Anchoring
3	Door Panel Details	10	Frame Anchoring
4	Sidelite Panel Details	11	Hardware Details
5	Elevations	12	Glazing details
6	Horizontal & Vertical Cross Sections (2X Buck)	13	Bill of Materials & Components
7	Horizontal & Vertical Cross Sections (1X Buck)		



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

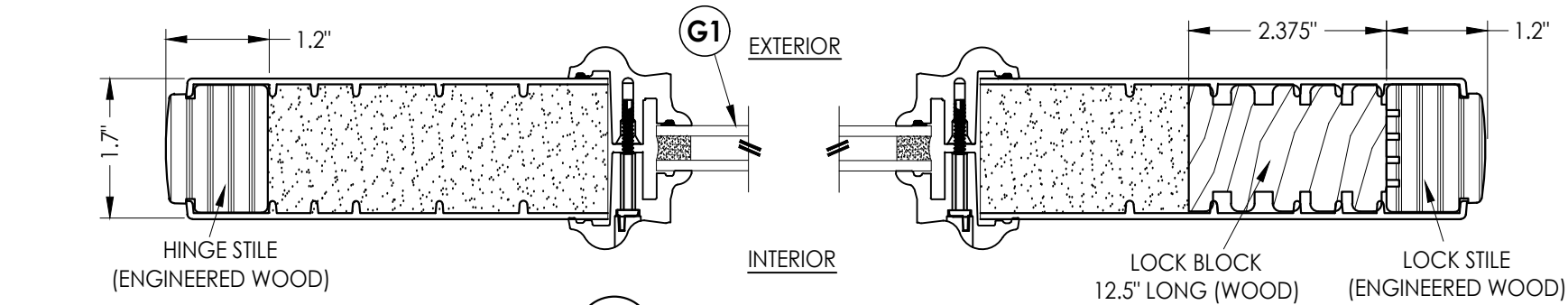
Technical drawing of a three-panel door assembly. The drawing shows a central panel with a rectangular window and two side panels. The dimensions are as follows:

- Overall width: 71.75" MAX O.A. FRAME WIDTH
- Overall height: 82" MAX. O.A. FRAME HEIGHT
- Left side panel width: 15.5" MAX. FRAME WIDTH
- Central panel width: 37.75" MAX FRAME WIDTH
- Right side panel width: 15.5" MAX. FRAME WIDTH
- Panel markings: The left and right panels have a large 'O' marking. The central panel has a large 'X' marking.
- Door handle: A circular handle is located on the right side of the central panel.
- Bottom clearance: 1.5" (TYP.)

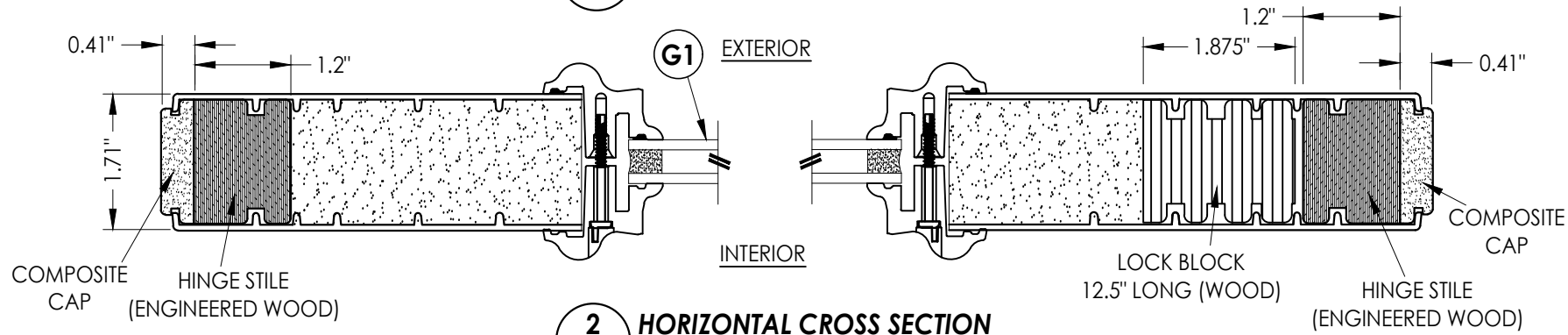
CONFIGURATION	DOOR GLAZING	2X REINFORCEMENT REQUIRED	DESIGN PRESSURE (PSF) w/ FJ PINE JAMBS		DESIGN PRESSURE (PSF) w/ COMPOSITE JAMBS	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX OXO	LIP LITE	NO	+40.0	-45.0	+35.0	-45.0
		YES	+40.0	-45.0	+45.0	-50.0
	FLUSH	NO	+50.0	-55.0	+35.0	-45.0
		YES	+50.0	-55.0	+45.0	-50.0

[illegible]

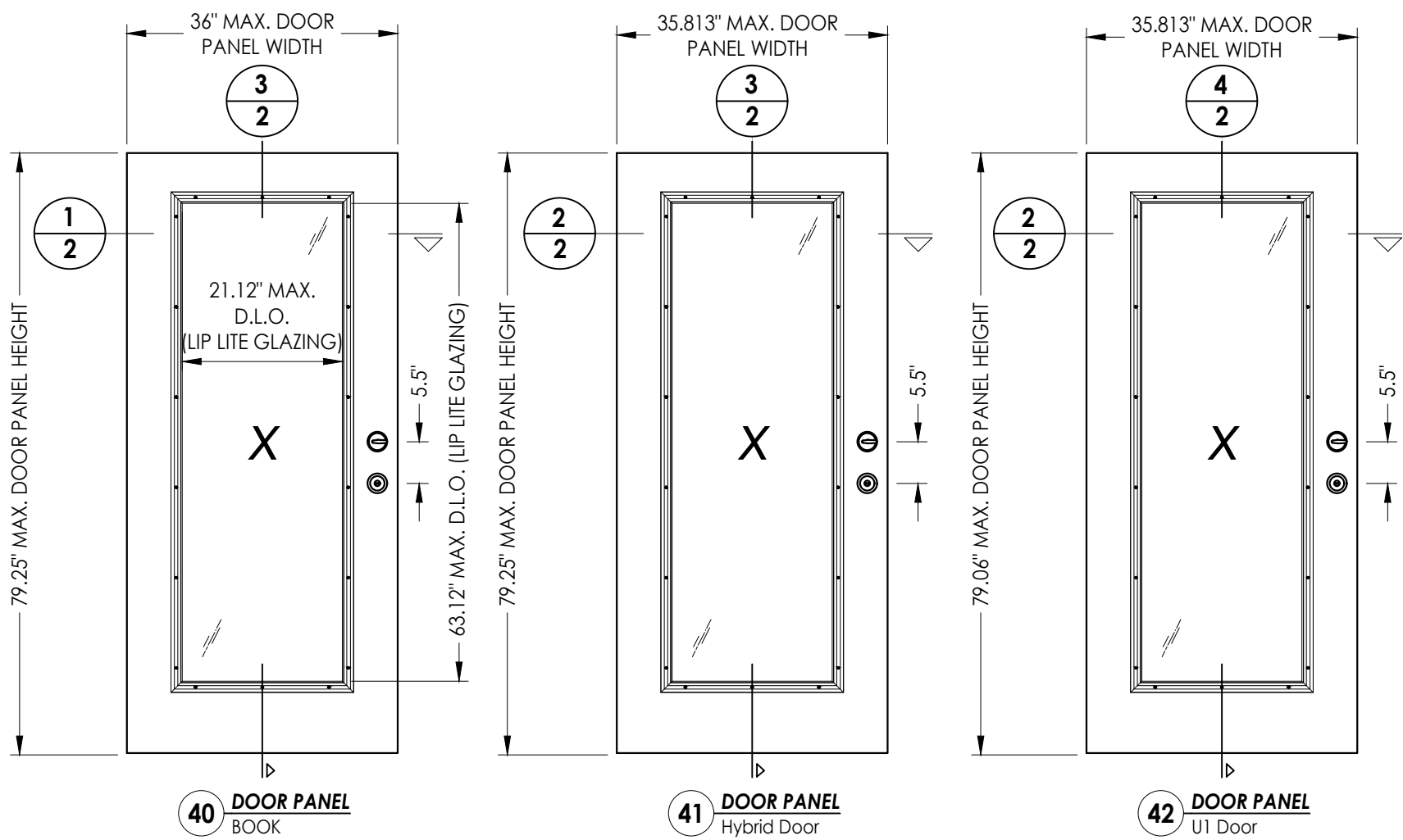
Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



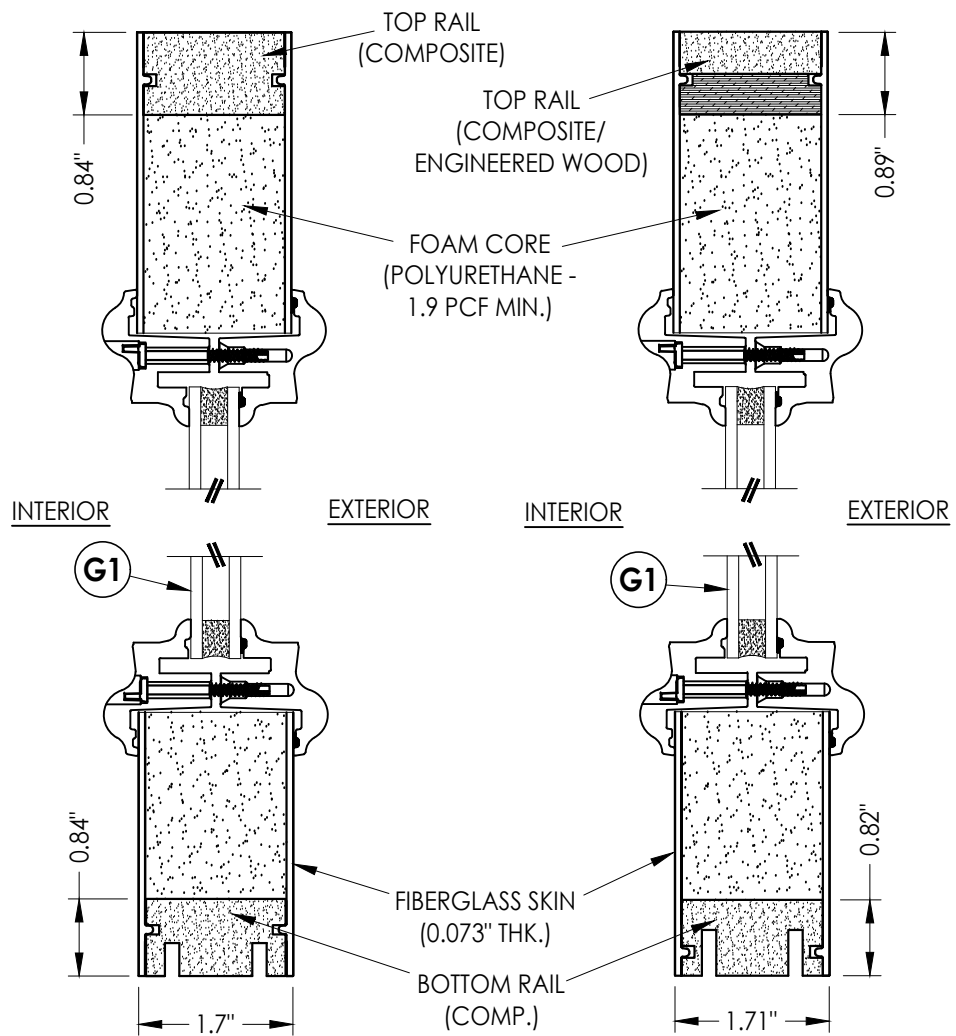
1 HORIZONTAL CROSS SECTION
2 WOOD EDGE



2 HORIZONTAL CROSS SECTION
2 COMPOSITE EDGE



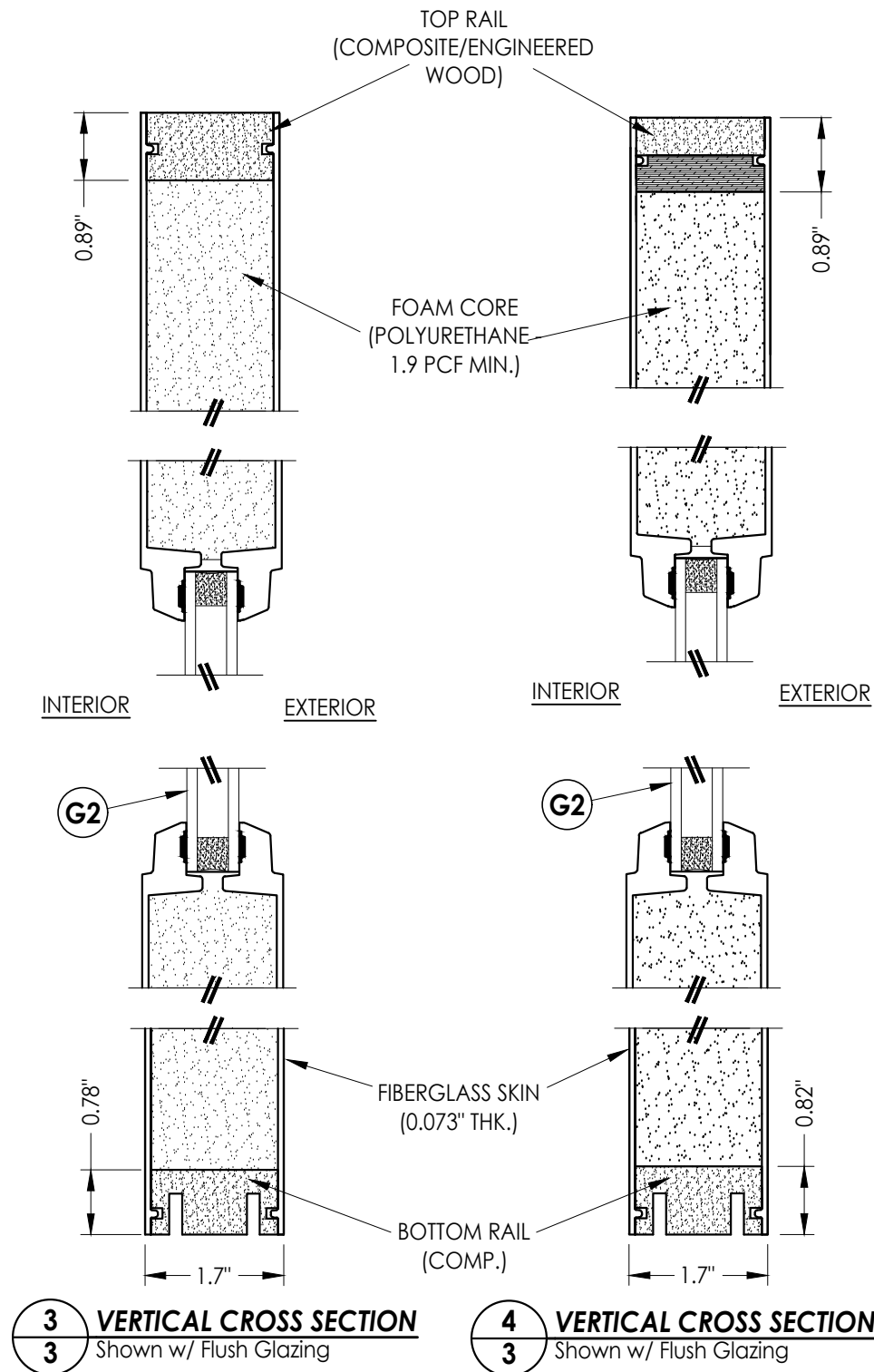
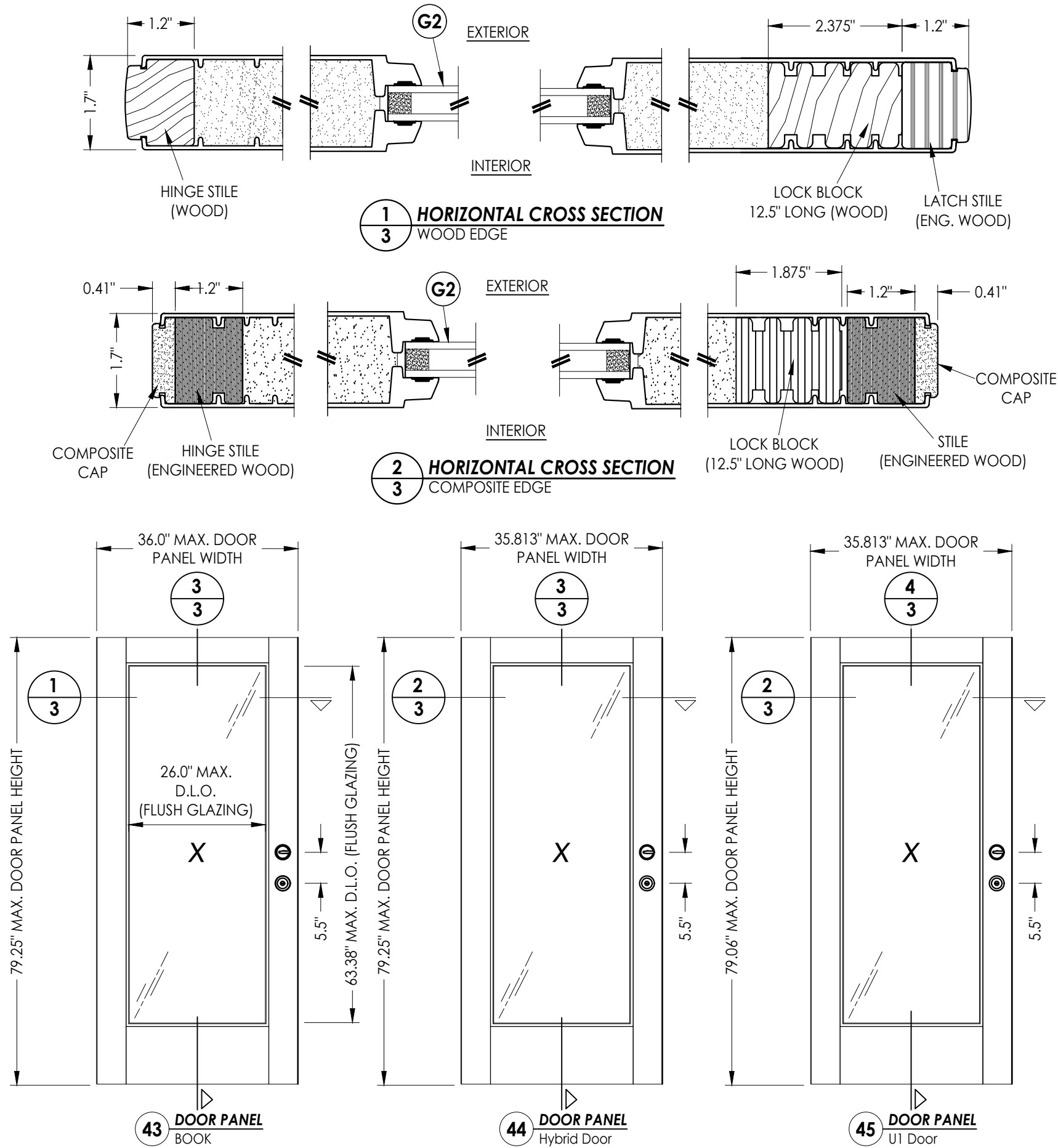
NOTE: BOOK, HYBRID & U1 DOORS
MAY EACH BE FABRICATED AS WOOD
OR COMPOSITE EDGE DOORS.



3 VERTICAL CROSS SECTION
2 WOOD EDGE

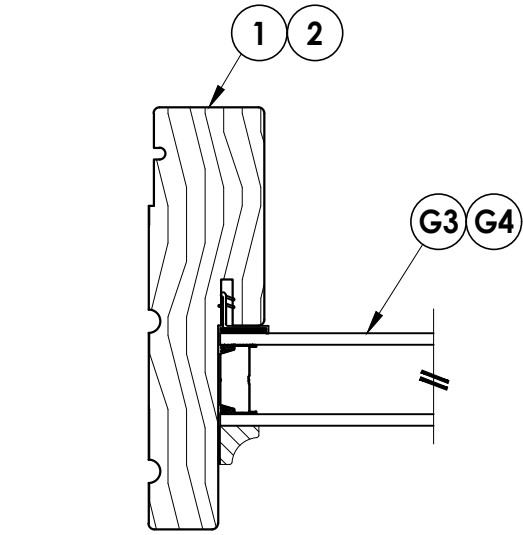
4 VERTICAL CROSS SECTION
2 COMPOSITE EDGE

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		REVISIONS	
		DATE: 12/10/20	
		SCALE: N.T.S.	
		DWG. BY: RW	
		CHK. BY: LFS	
		DRAWING NO.: FL-35436.2	
		SHEET 2 OF 13	

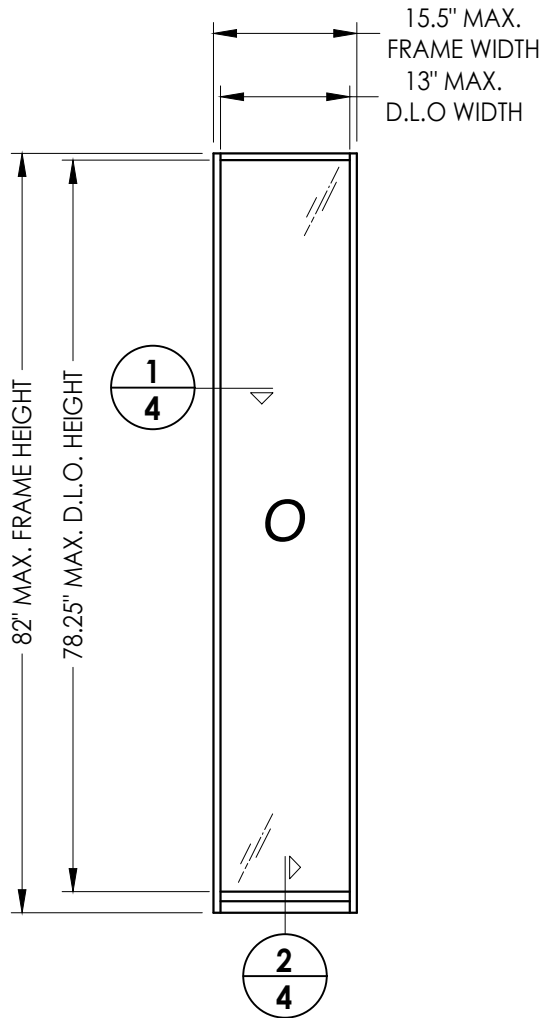


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
				</			

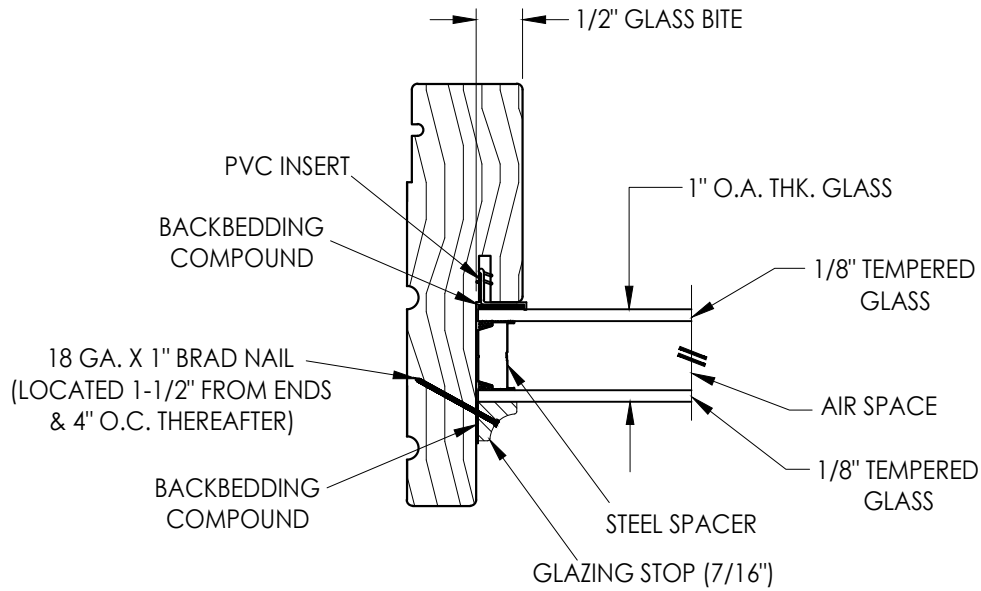
Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



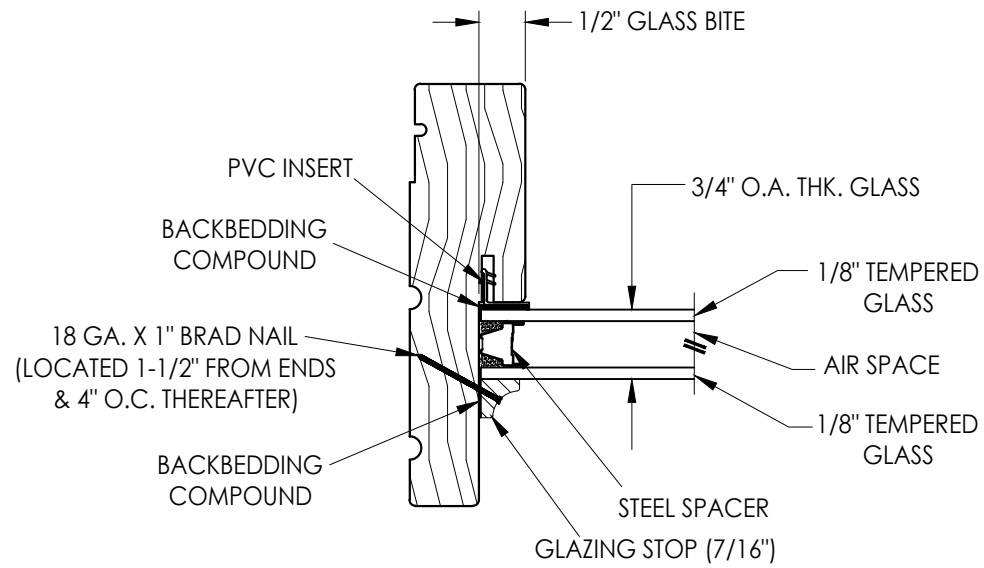
1
4 **HORIZONTAL CROSS SECTION**



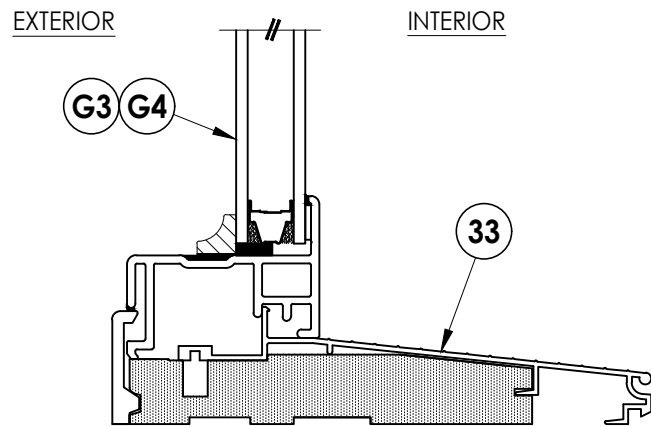
50 **DIRECT SET SIDELITE FRAME**



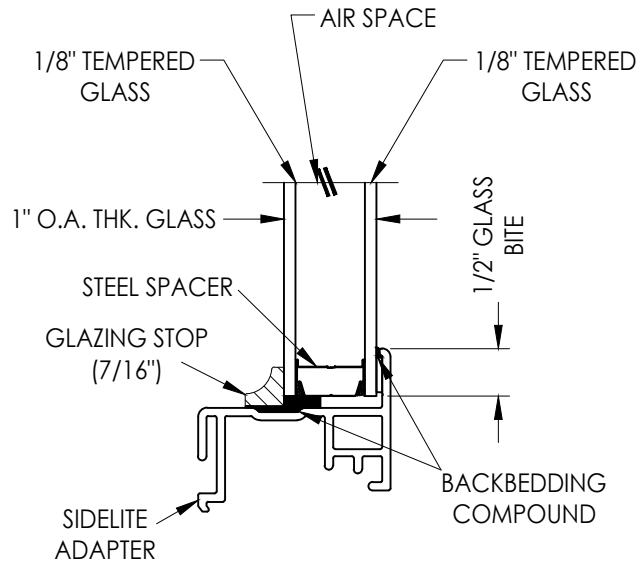
G3 **GLAZING DETAIL**
1" Insulated Glass



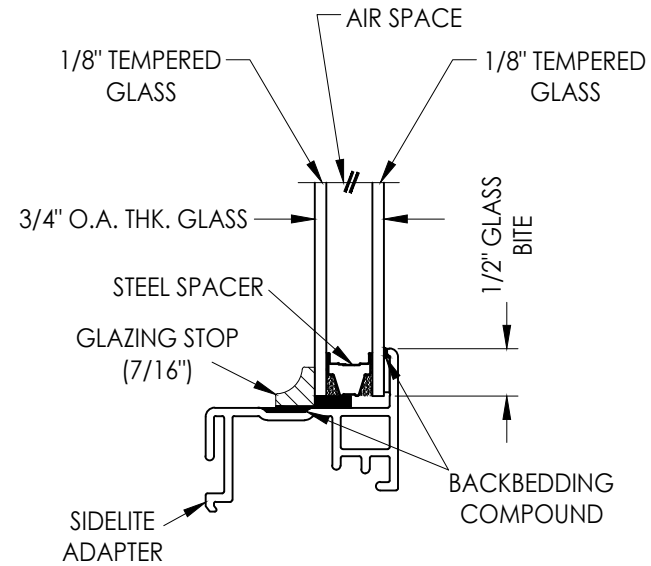
G4 **GLAZING DETAIL**
3/4" Insulated Glass



2
4 **VERTICAL CROSS SECTION**



G3 **GLAZING DETAIL**
1" Insulated Glass



G4 **GLAZING DETAIL**
3/4" Insulated Glass

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

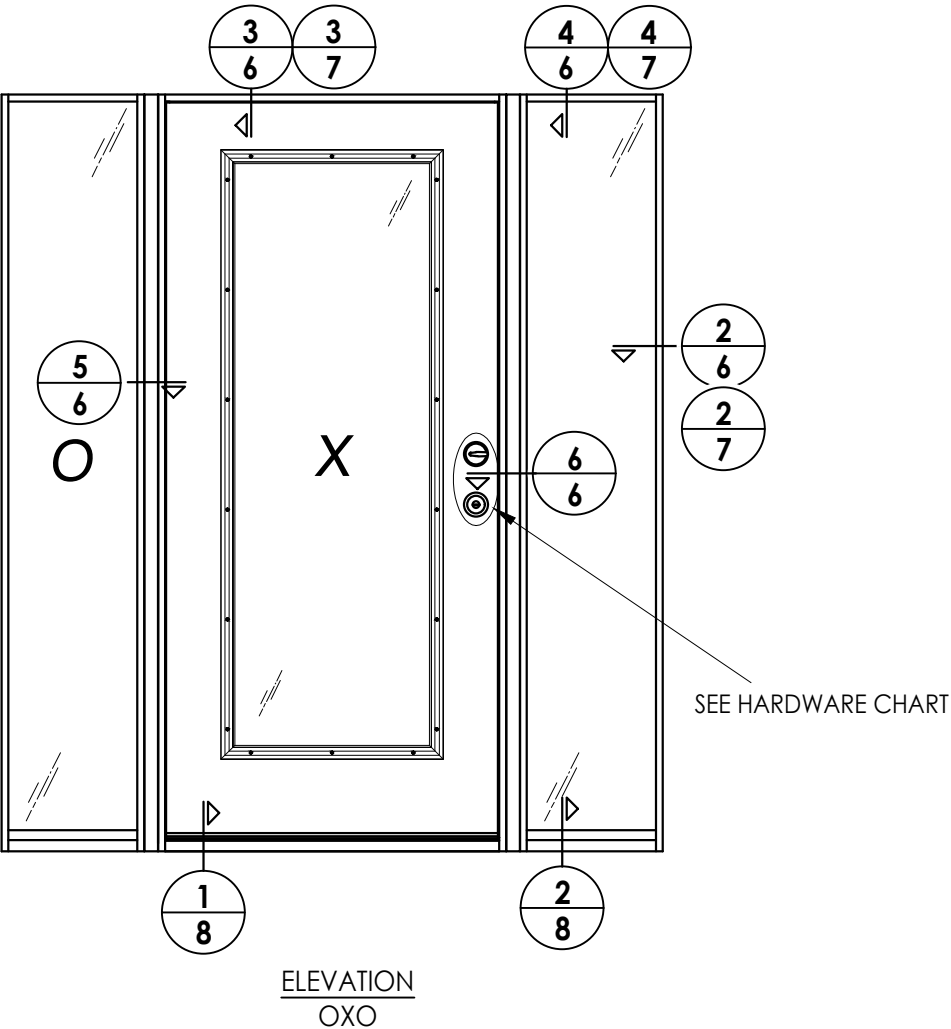
PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

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

REVISIONS

DATE:	12/10/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-35436.2
SHEET	4 OF 13

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



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

[illegible]

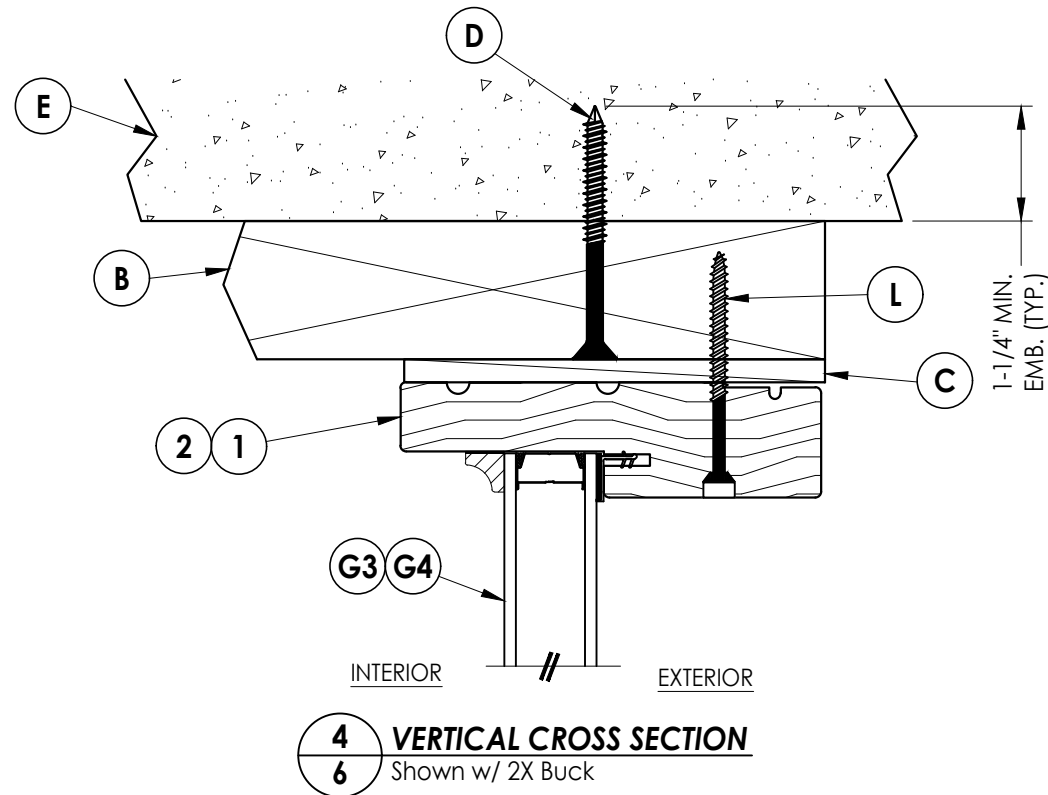
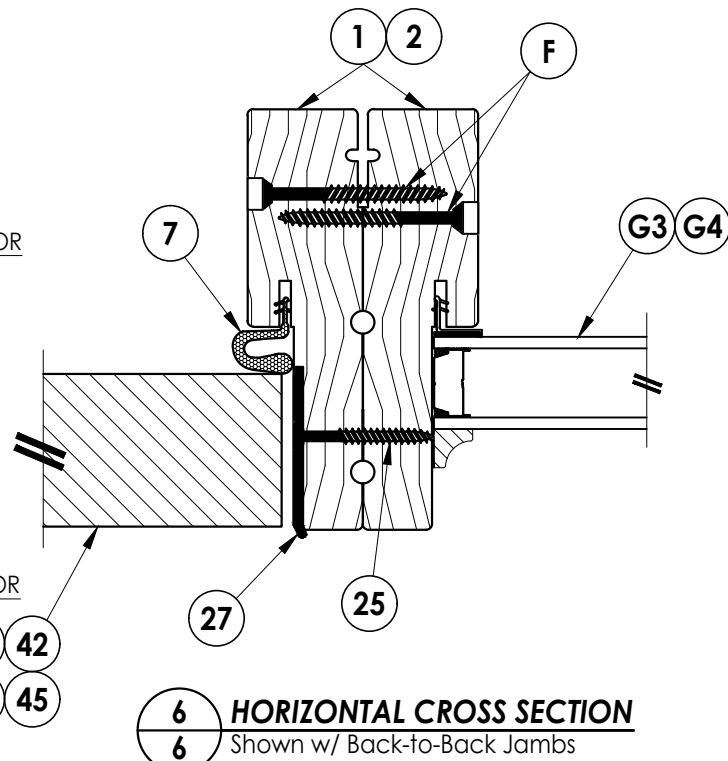
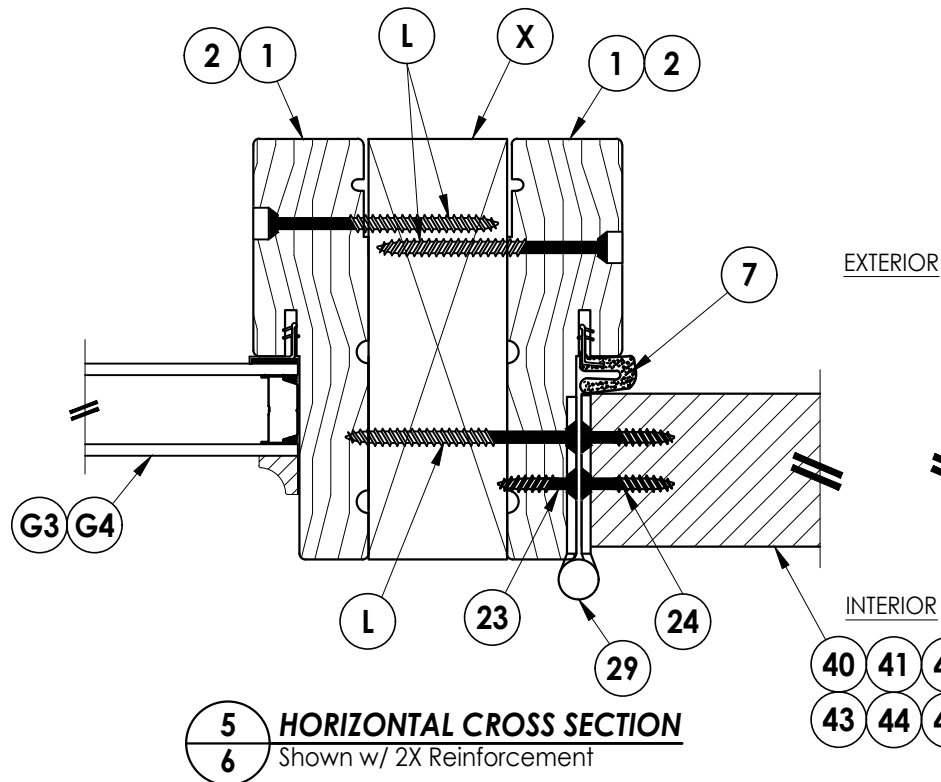
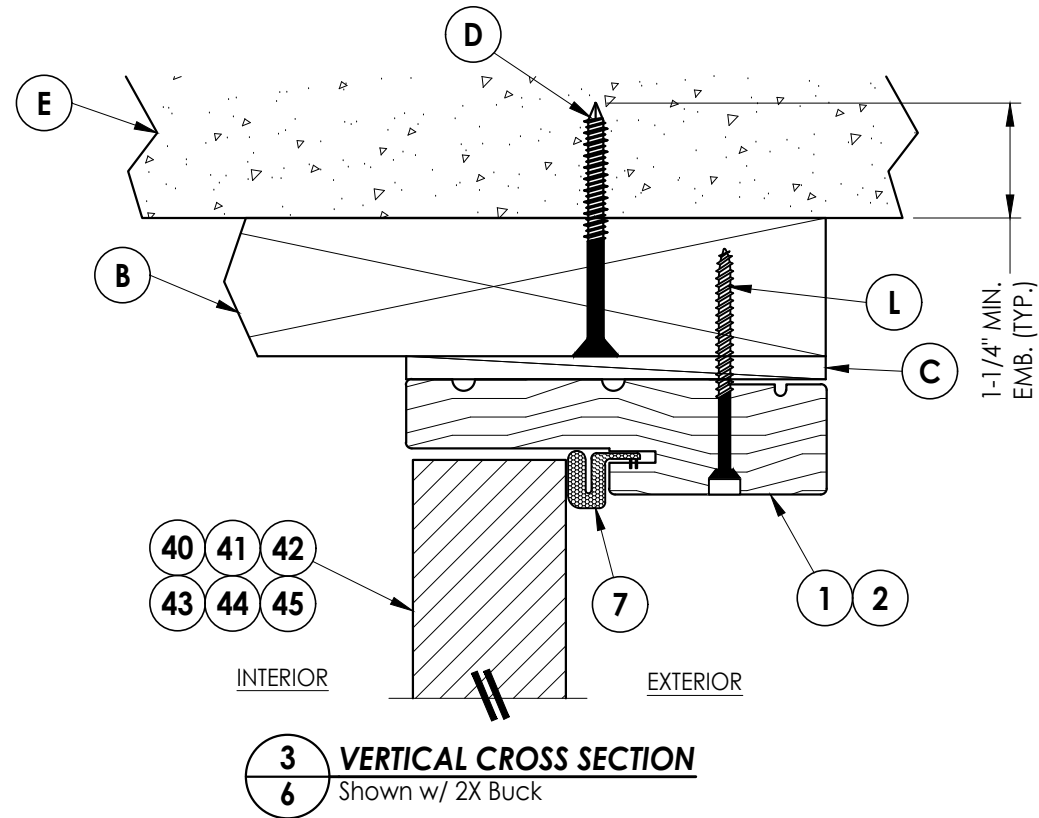
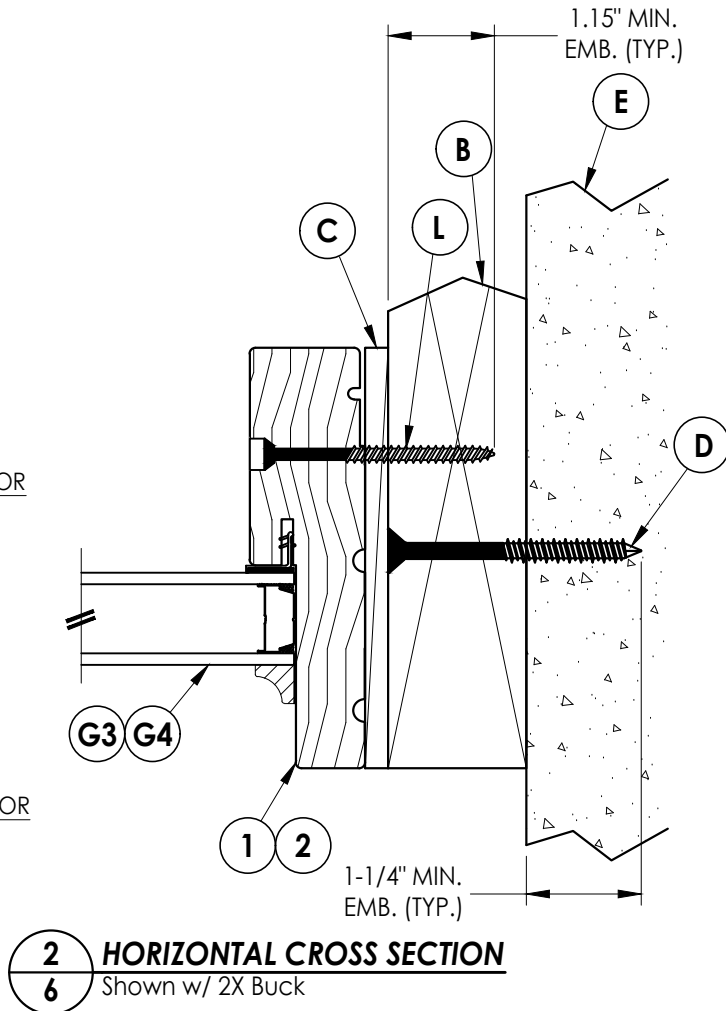
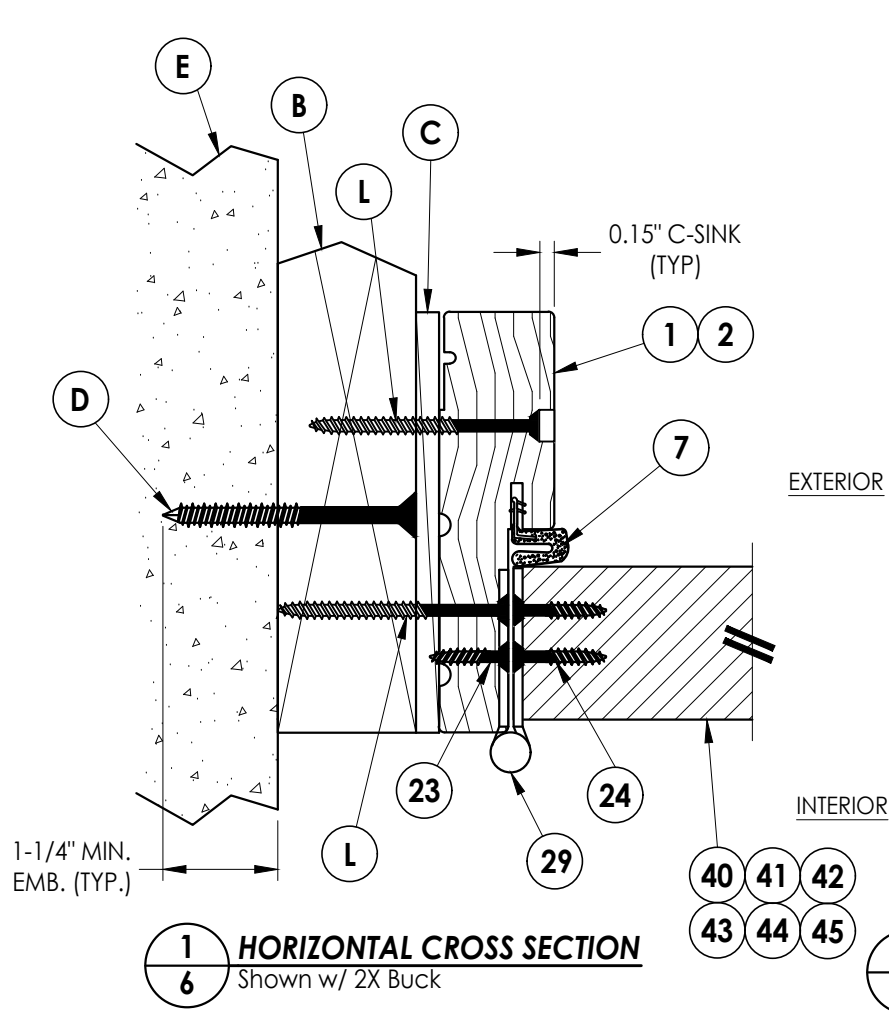
PRODUCT: _____
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY: _____
ELEVATIONS

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

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

DATE: 12/10/20

SCALE: N.T.S.

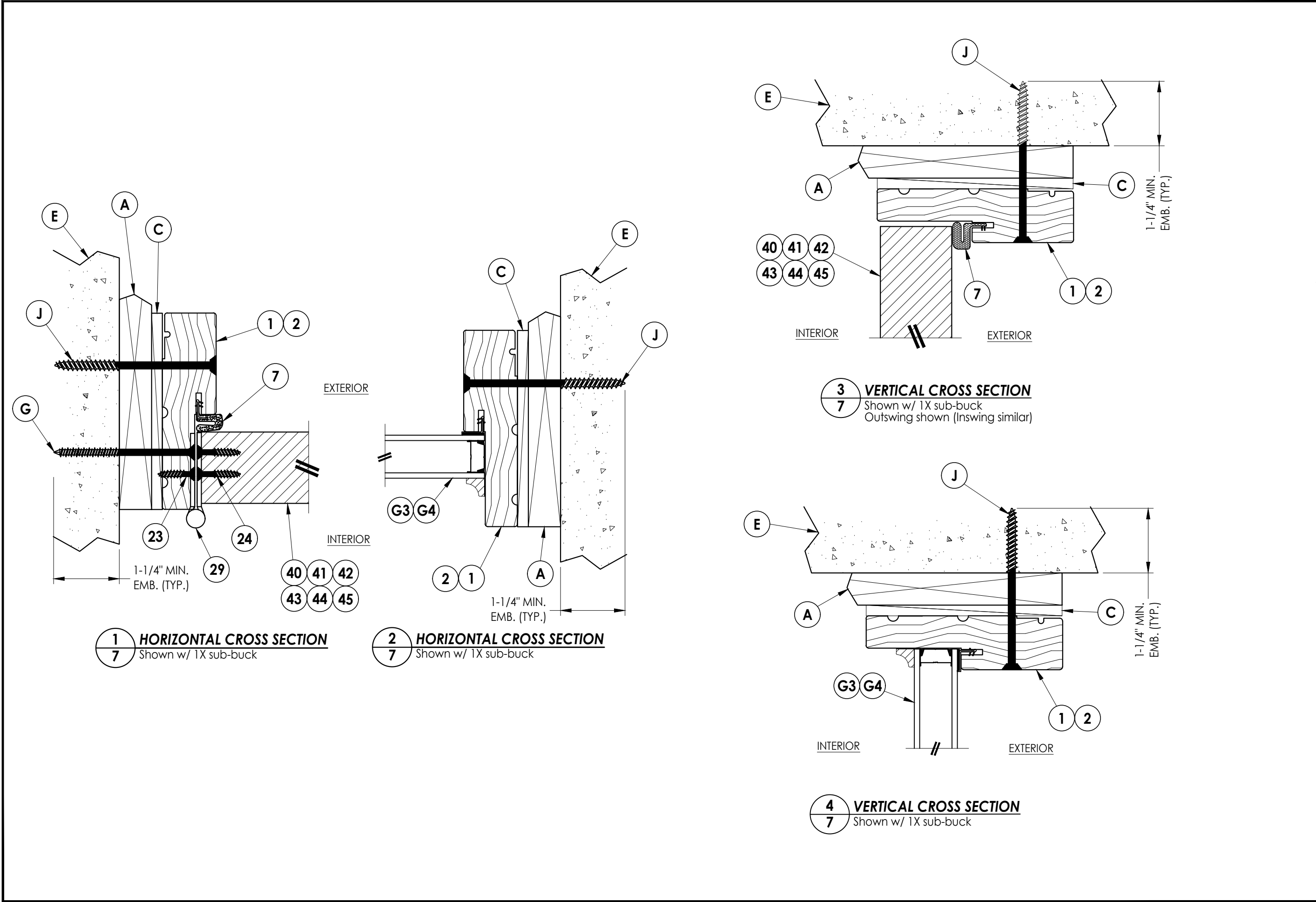
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-35436.2

SHEET 6 OF 13

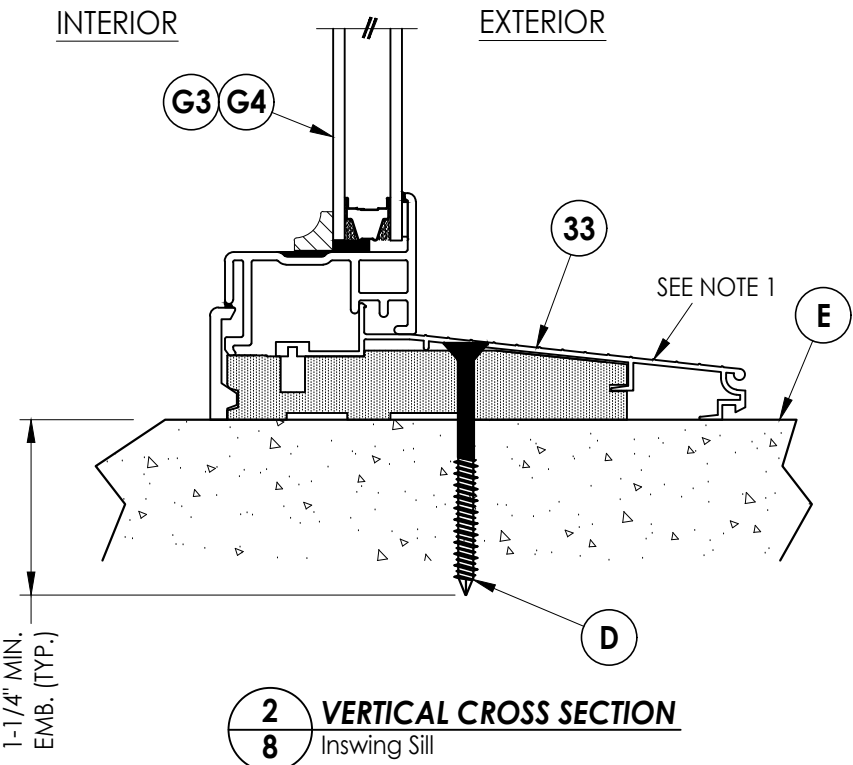
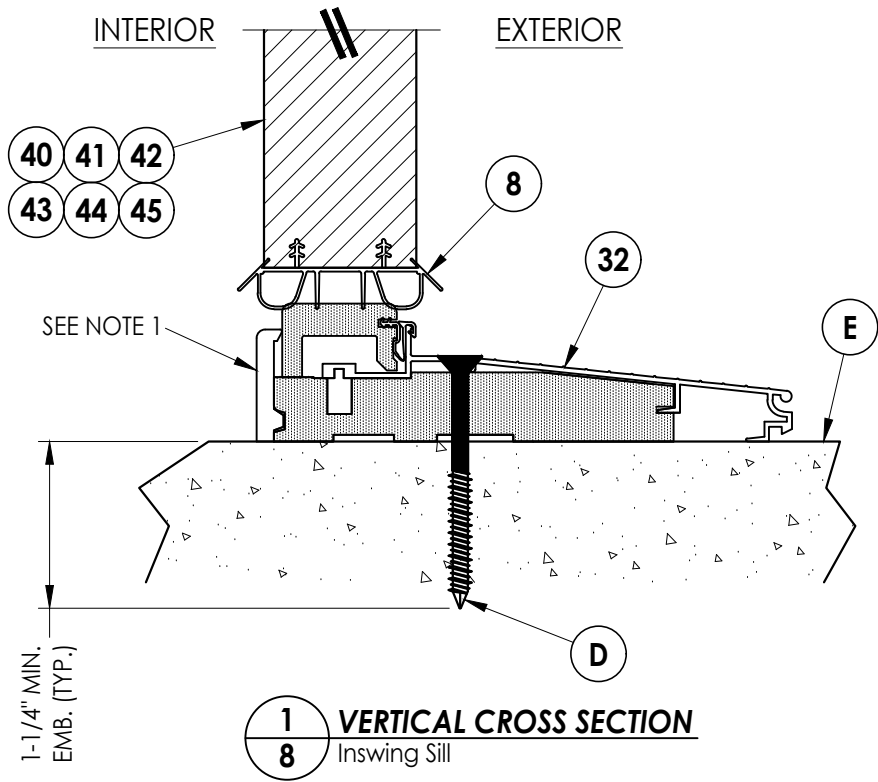
Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)					
					LFS		
					BY		
					NO.	DATE	REVISIONS
				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-35436.2							
SHEET 7 OF 13							

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg

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



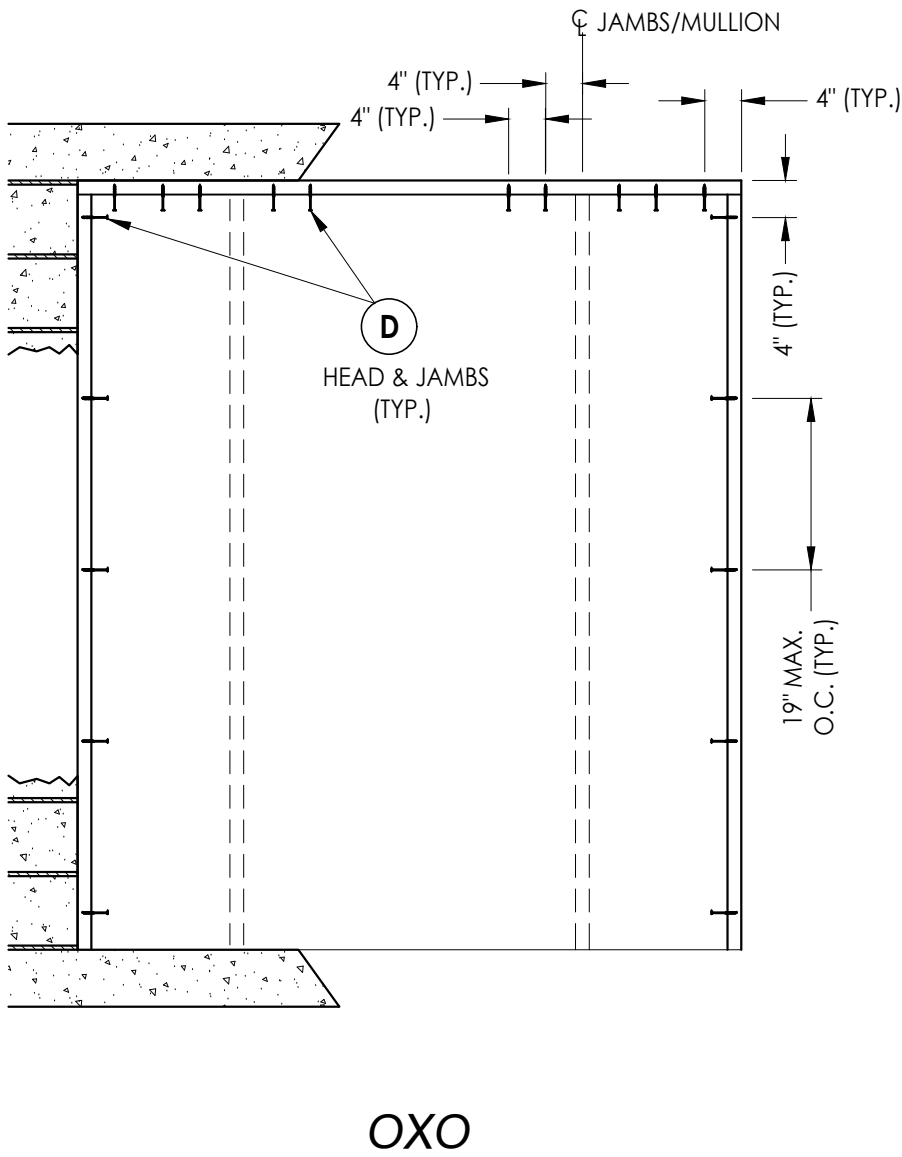
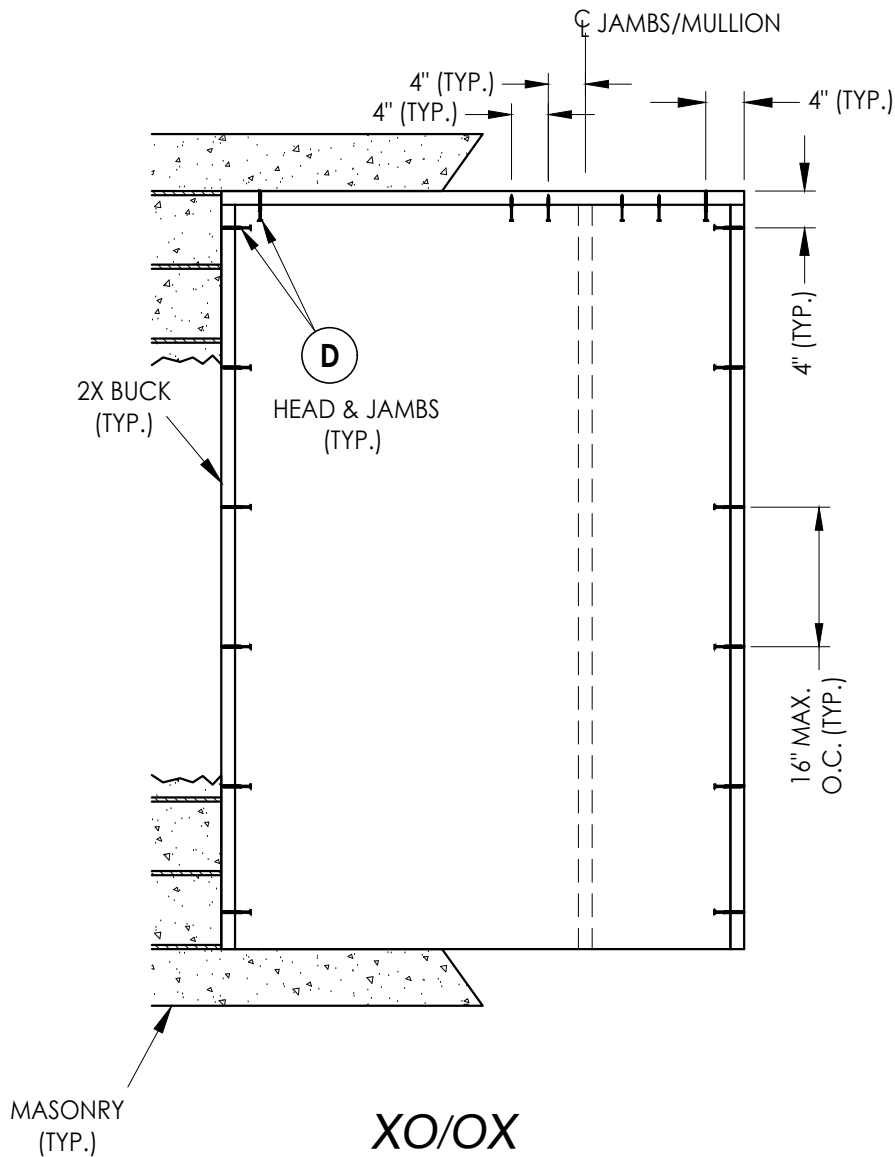
DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-35436.2
SHEET 8 OF 13

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

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

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RWBUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



2X BUCK ANCHORING

DATE: 12/10/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-35436.2	
SHEET	9 OF 13

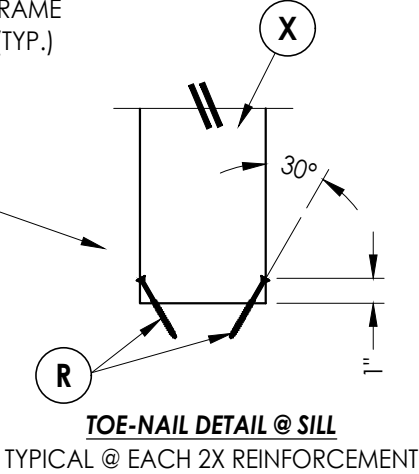
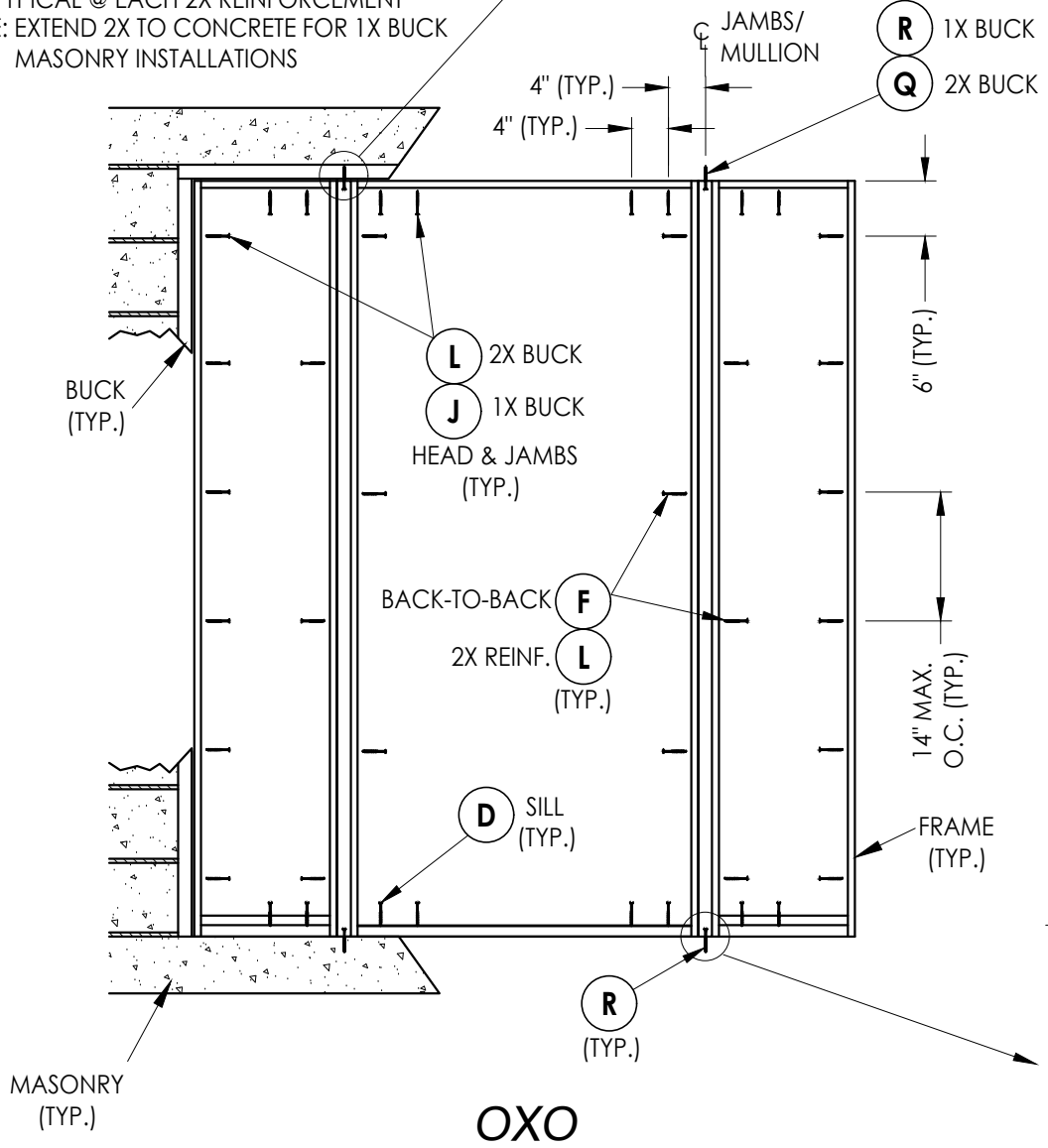
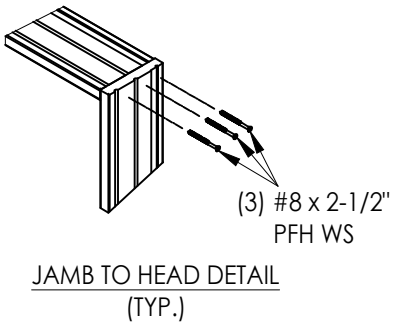
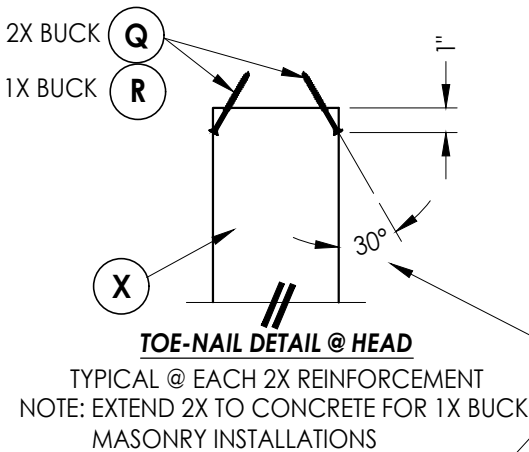
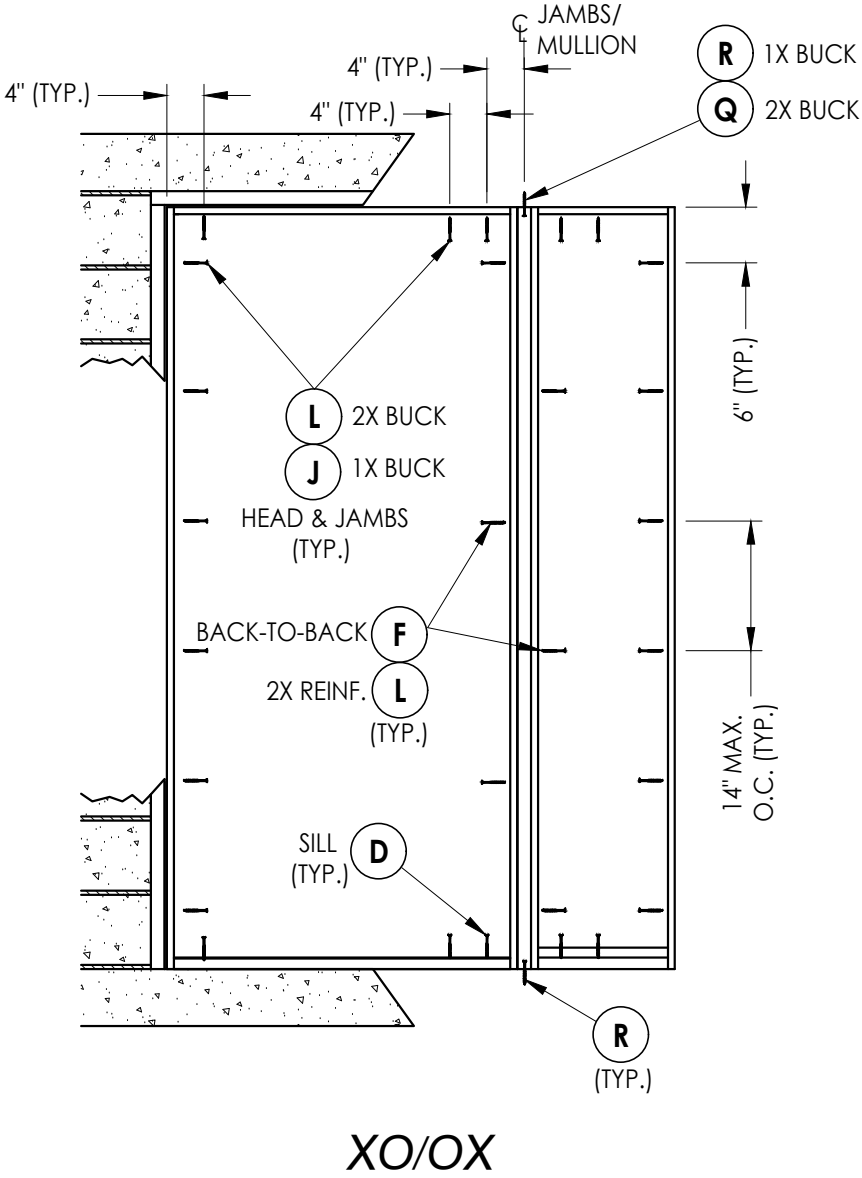
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	BY
NO.	DATE				
REVISIONS					

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

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

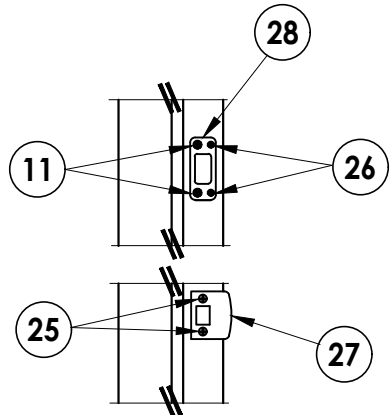
Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



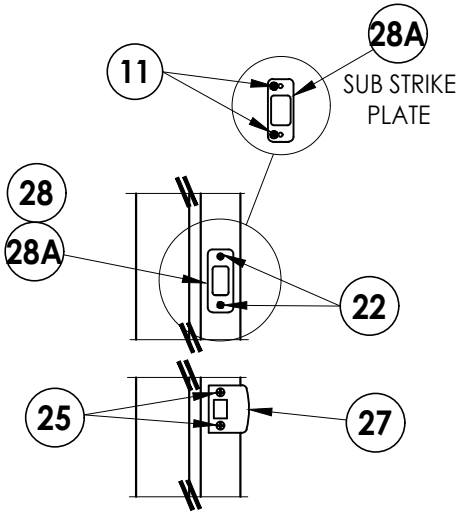
FRAME ANCHORING

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
		REVISIONS	
		1	7/24/23 UPDATE TO 8TH ED. (2023) FBC
		NO.	DATE
		BY	LFS
DATE: 12/10/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-35436.2			
SHEET 10 OF 13			

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg

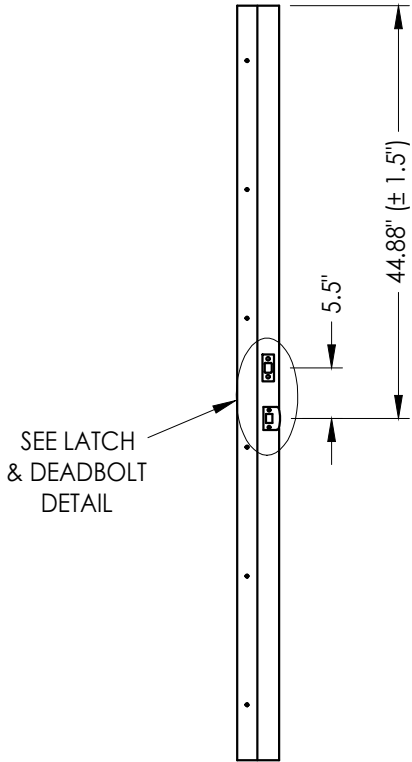


LATCH & DEADBOLT DETAIL
Kwikset

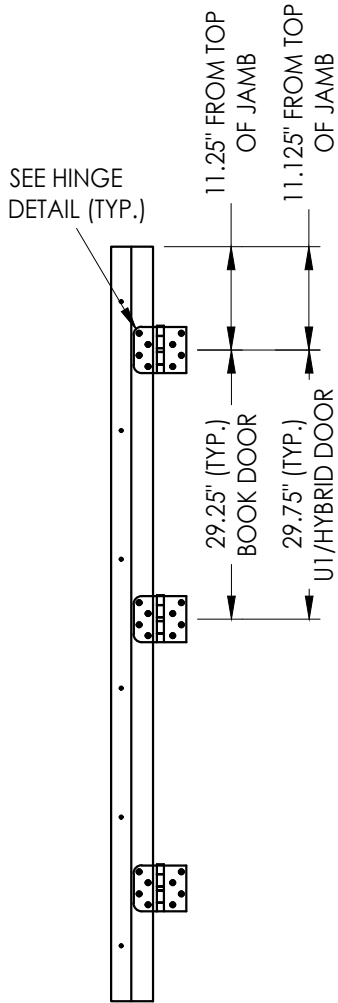


LATCH & DEADBOLT DETAIL
Schlage

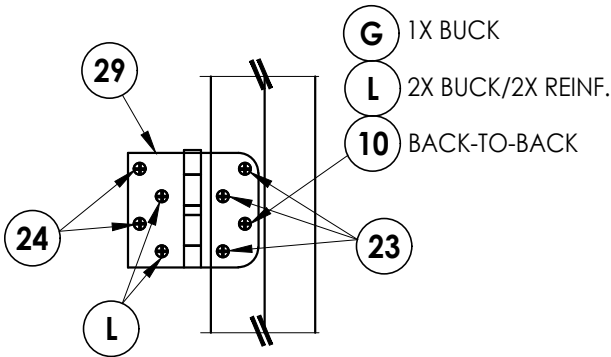
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



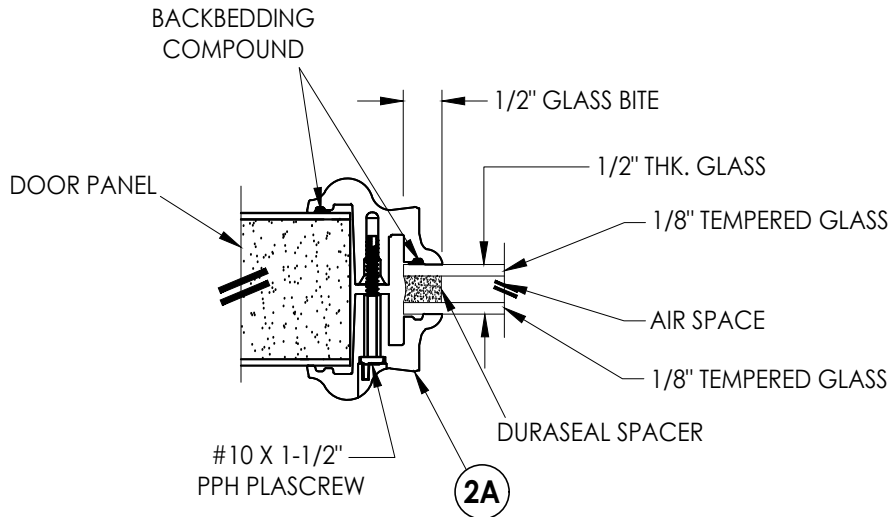
HINGE JAMB



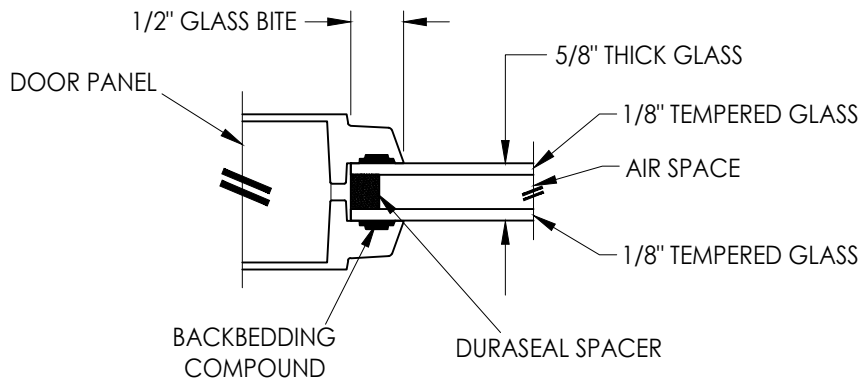
HINGE DETAIL

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:		HARDWARE DETAILS		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DWG. BY: RW				NO.		DATE			
CHK. BY: LFS				1		7/24/23			
DRAWING NO.: FL-35436.2				UPDATE TO 8TH ED. (2023)		FBC			
SHEET 11 OF 13				BY		LFS			

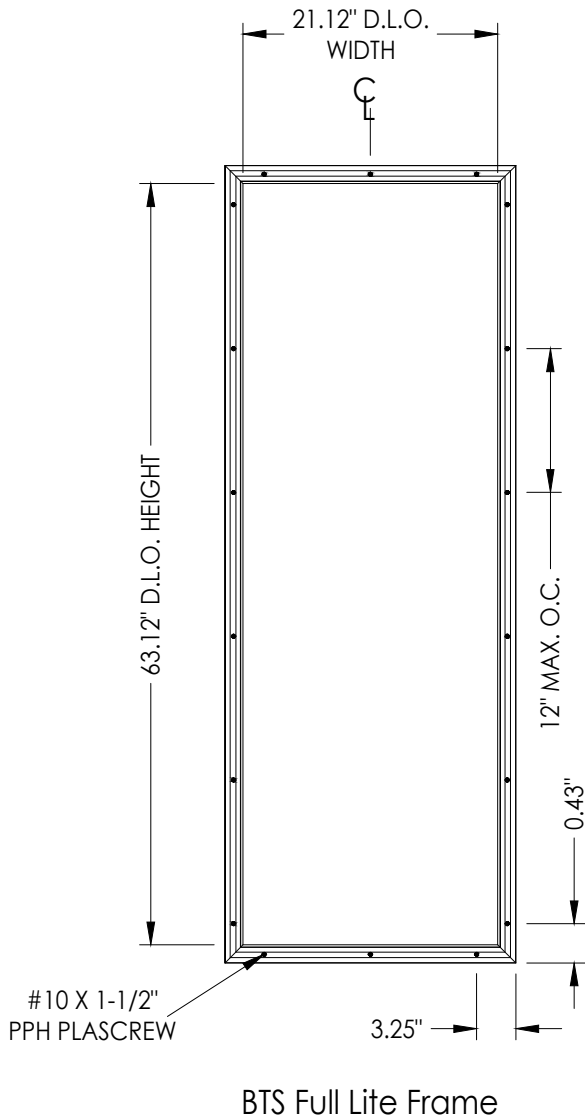
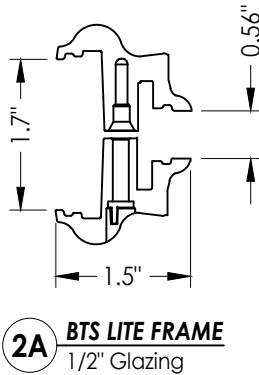
Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.2.4.dwg



G1 GLAZING DETAIL
BTS Lite Frame
Door Panels



G2 GLAZING DETAIL
Flush Glazing
Door Panels



DATE: 12/10/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-35436.2

SHEET 12 OF 13

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
GLAZING DETAILS

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

