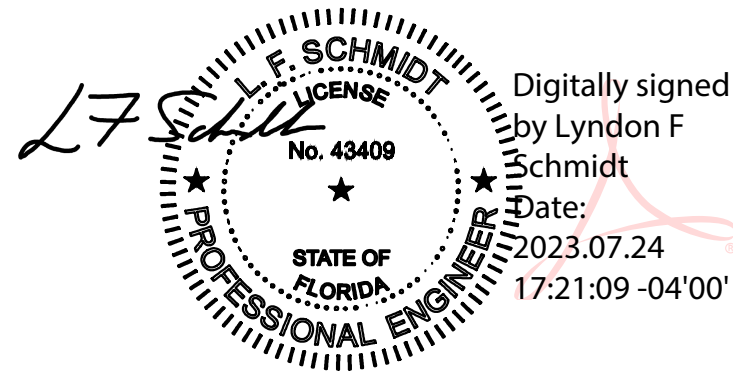


**INSWING
"NON-IMPACT"**

GENERAL NOTES

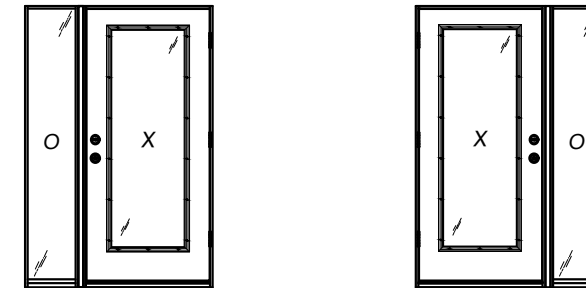
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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#	
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



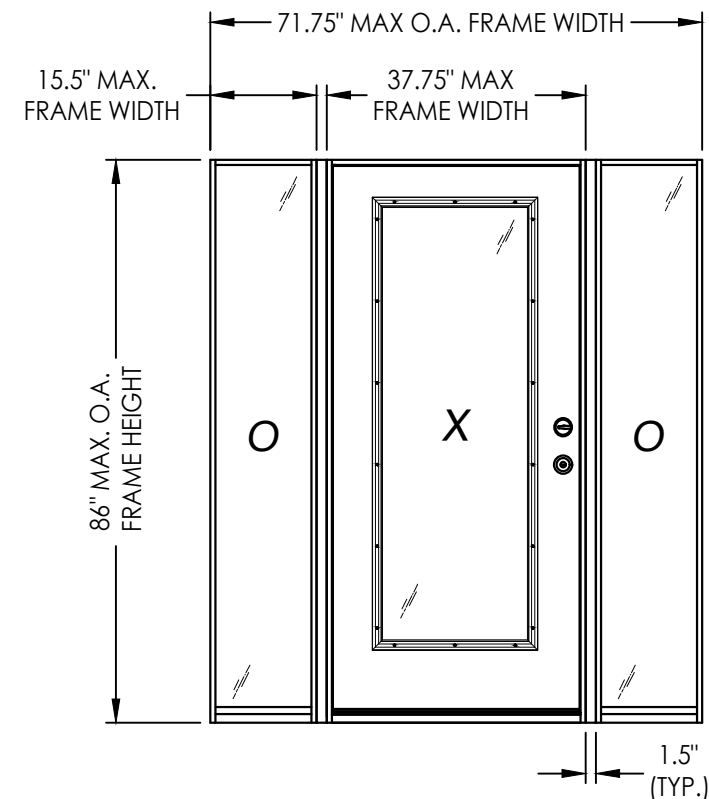
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



OX

XO



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

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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

[illegible]

DATE: 12/10/20

SCALE: N.T.S.

DWG. BY: *RW*

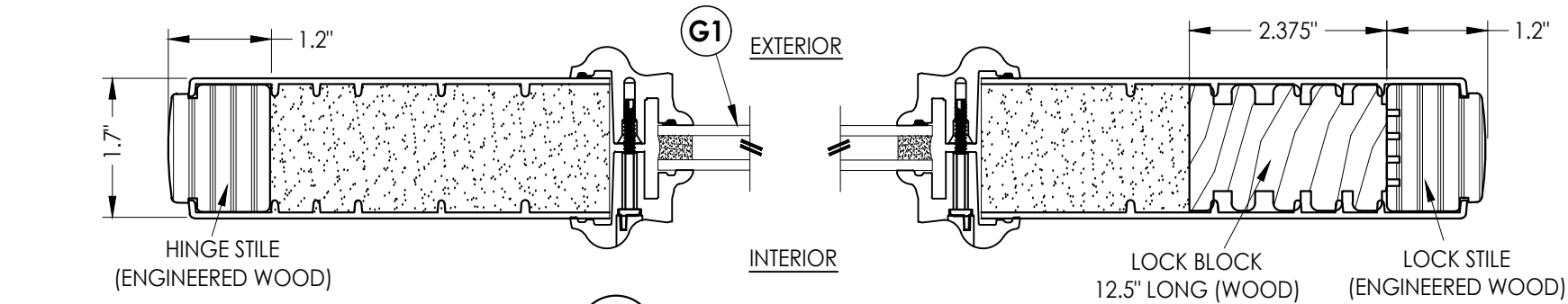
CHK. BY: LFS

DRAWING NO.:

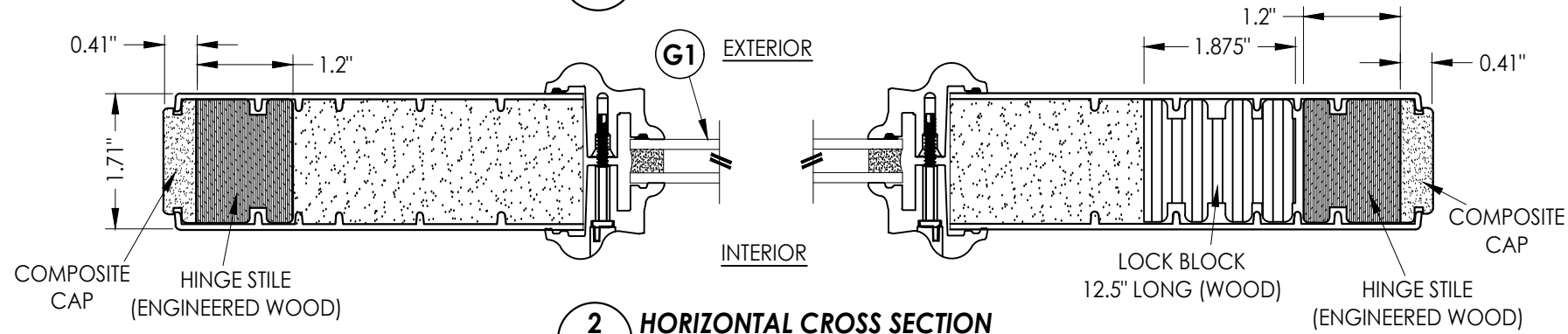
FL-35436.6

SHEET 1 OF 12

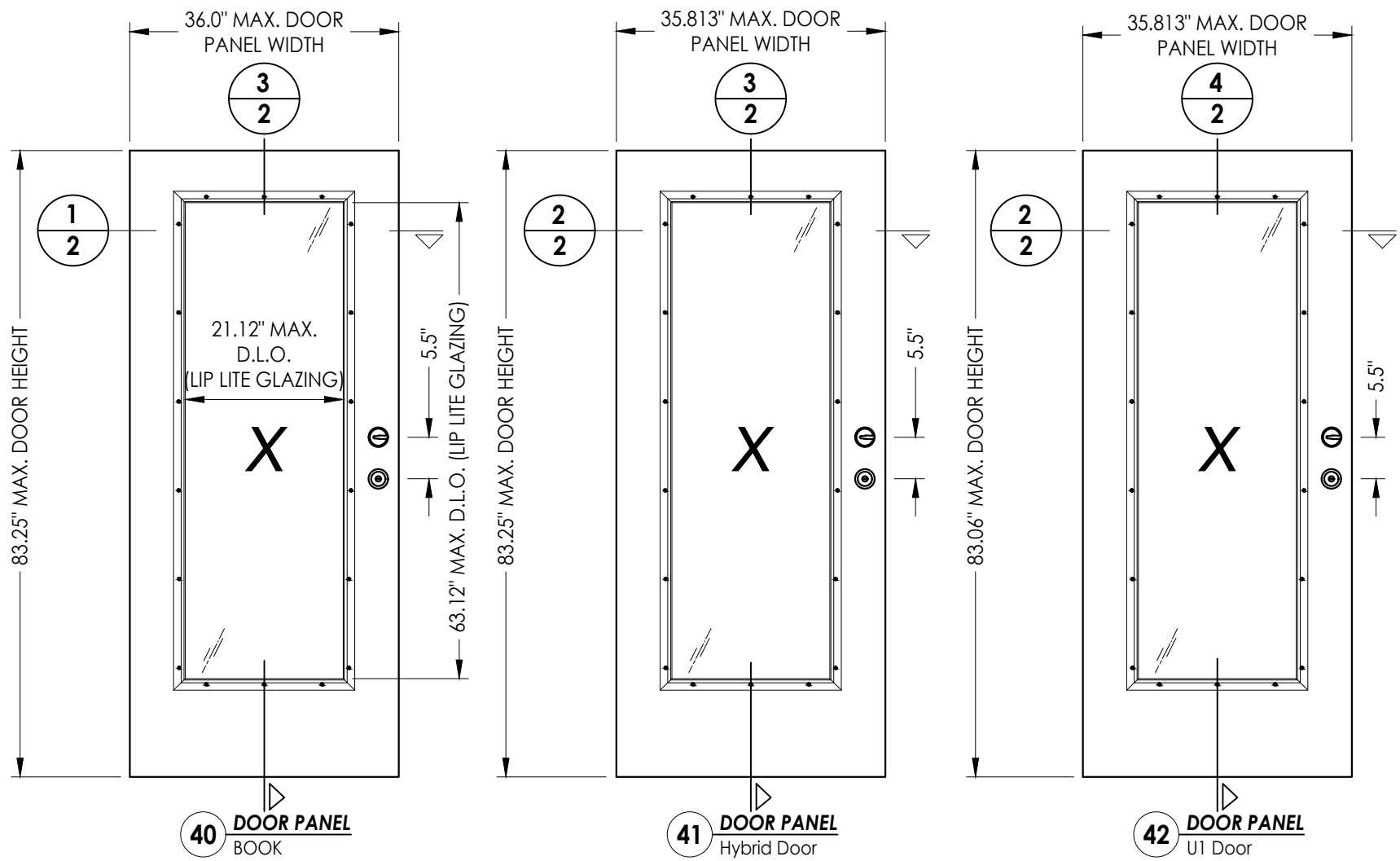
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1 HORIZONTAL CROSS SECTION
2 WOOD EDGE



2 HORIZONTAL CROSS SECTION
2 COMPOSITE EDGE

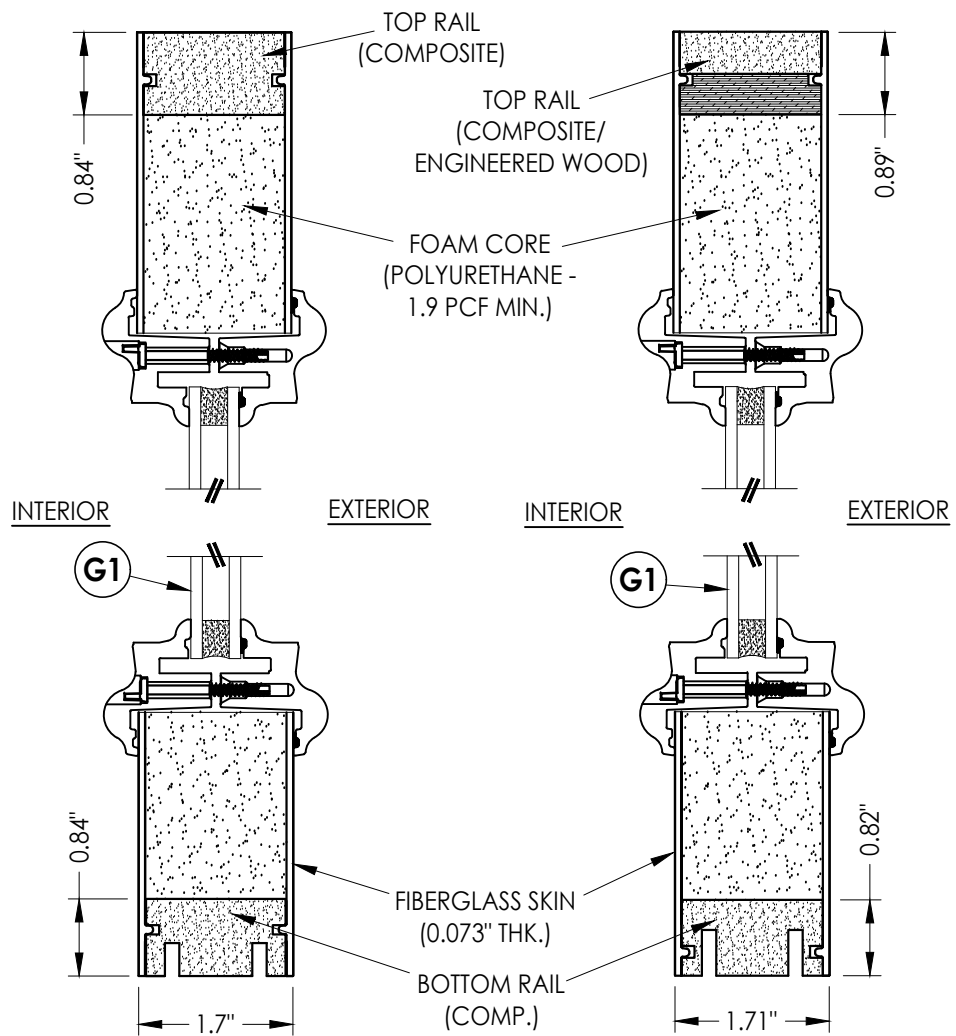


40 DOOR PANEL
BOOK

41 DOOR PANEL
Hybrid Door

42 DOOR PANEL
U1 Door

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



3 VERTICAL CROSS SECTION
2 WOOD EDGE

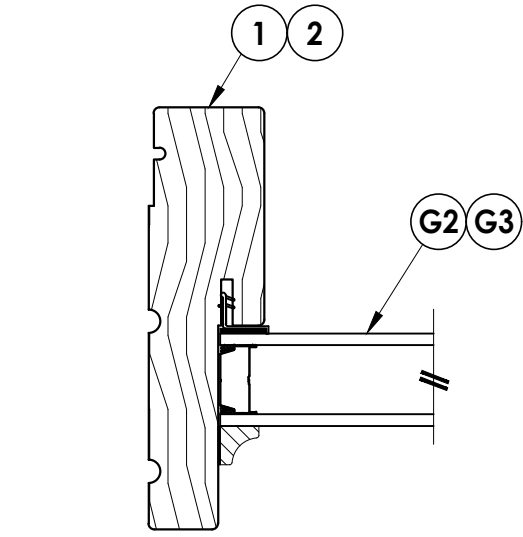
4 VERTICAL CROSS SECTION
2 COMPOSITE EDGE

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

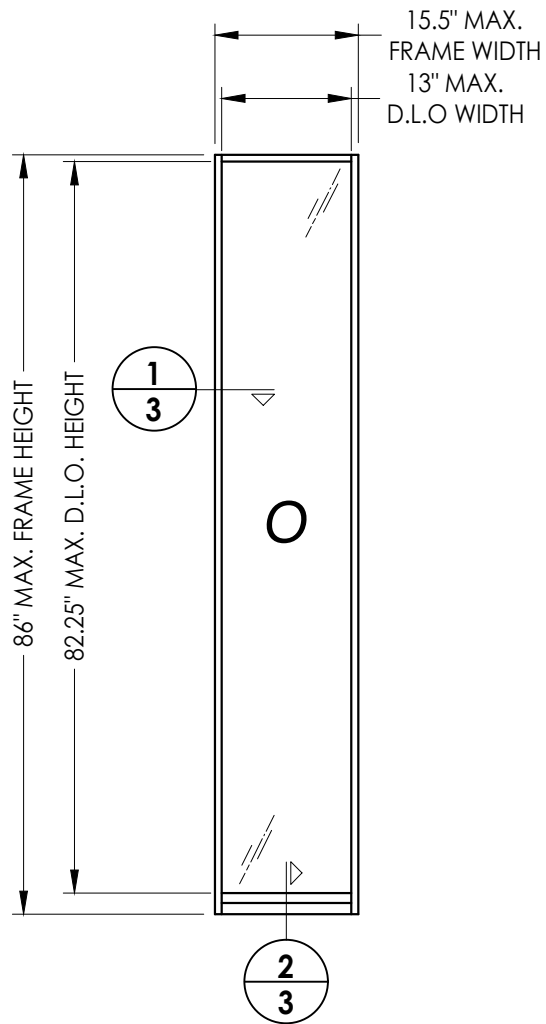
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT:		PART OR ASSEMBLY:	
THERMA-TRU FIBERGLASS DOOR		DOOR PANEL DETAILS	
		LFS	BY
		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-35436.6			
SHEET 2 OF 12			

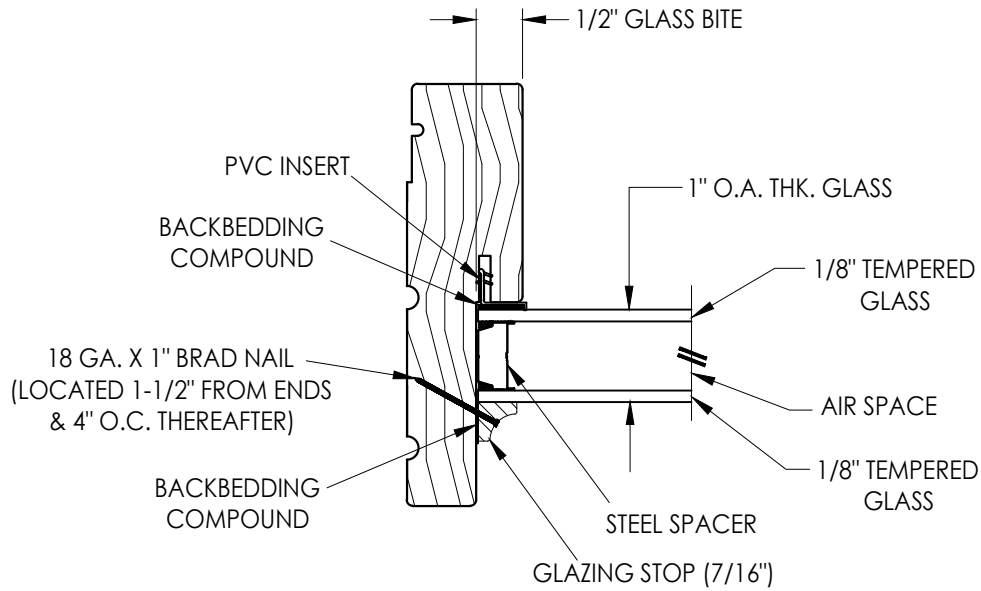
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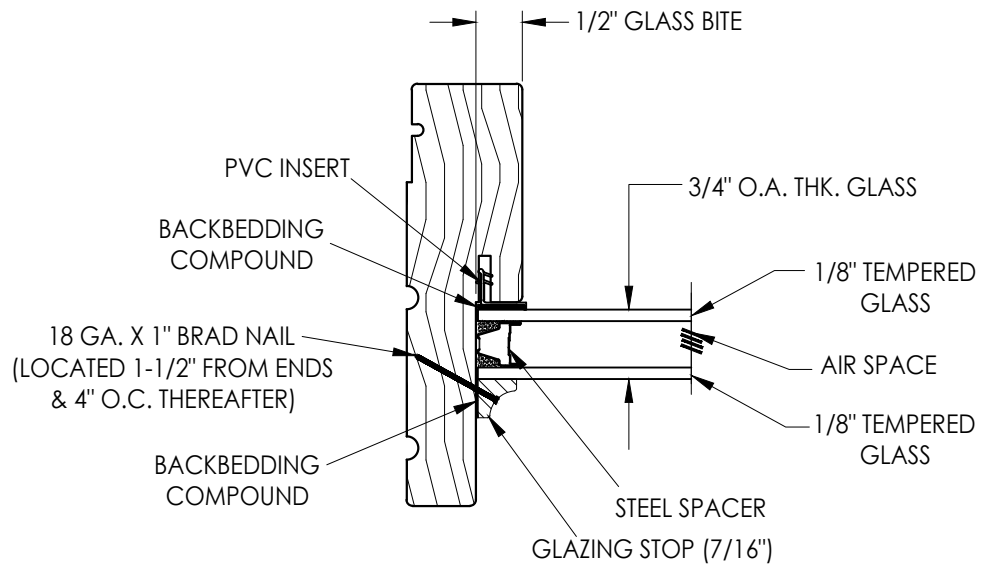
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3 **HORIZONTAL CROSS SECTION**



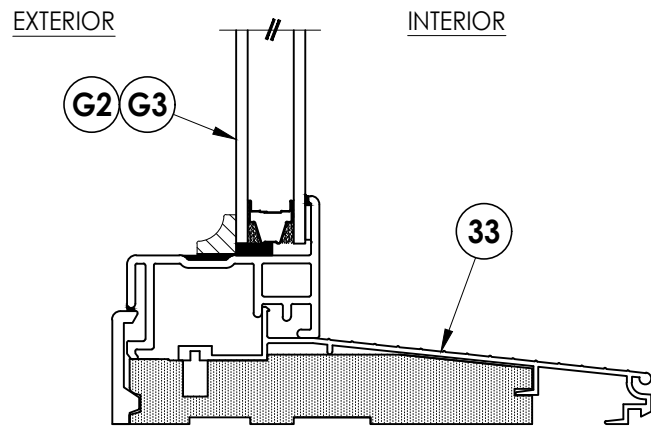
50 **DIRECT SET SIDELITE FRAME**



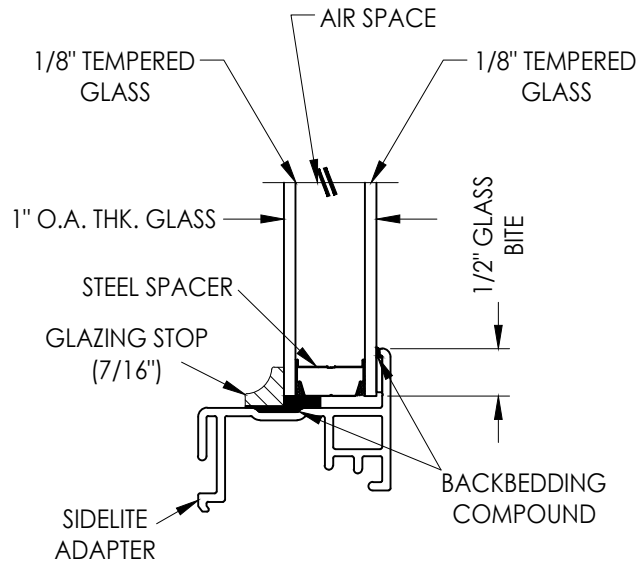
G2 **GLAZING DETAIL**
1" Insulated Glass



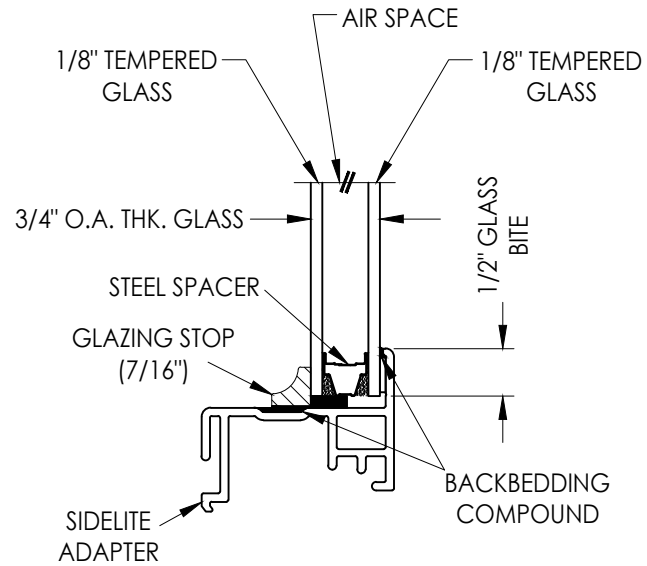
G3 **GLAZING DETAIL**
3/4" Insulated Glass



2
3 **VERTICAL CROSS SECTION**



G2 **GLAZING DETAIL**
1" Insulated Glass



G3 **GLAZING DETAIL**
3/4" Insulated Glass

Documents Prepared By:
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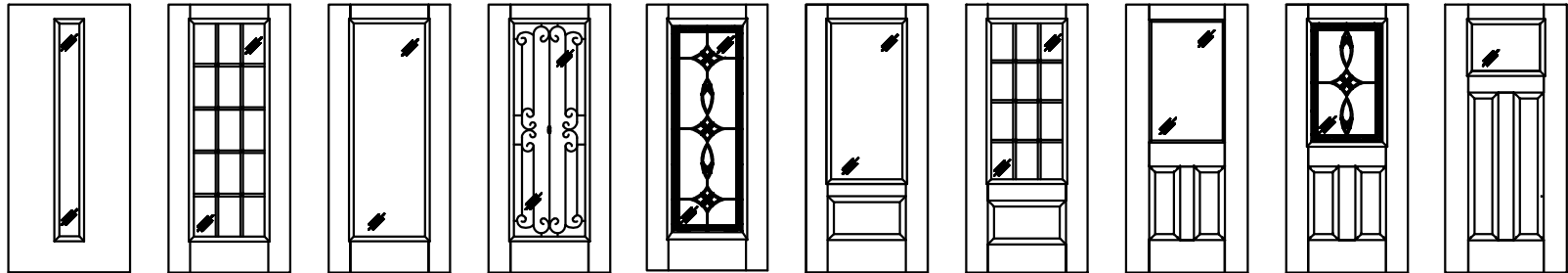
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

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

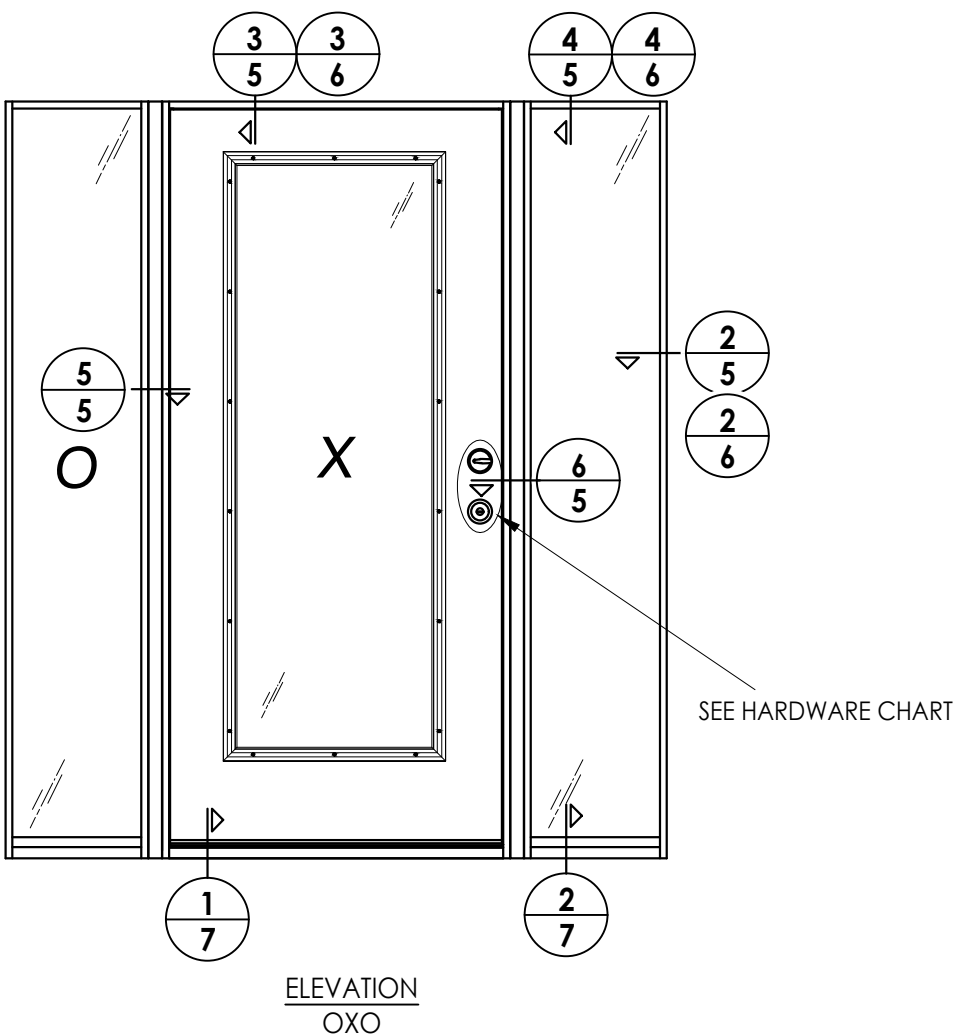
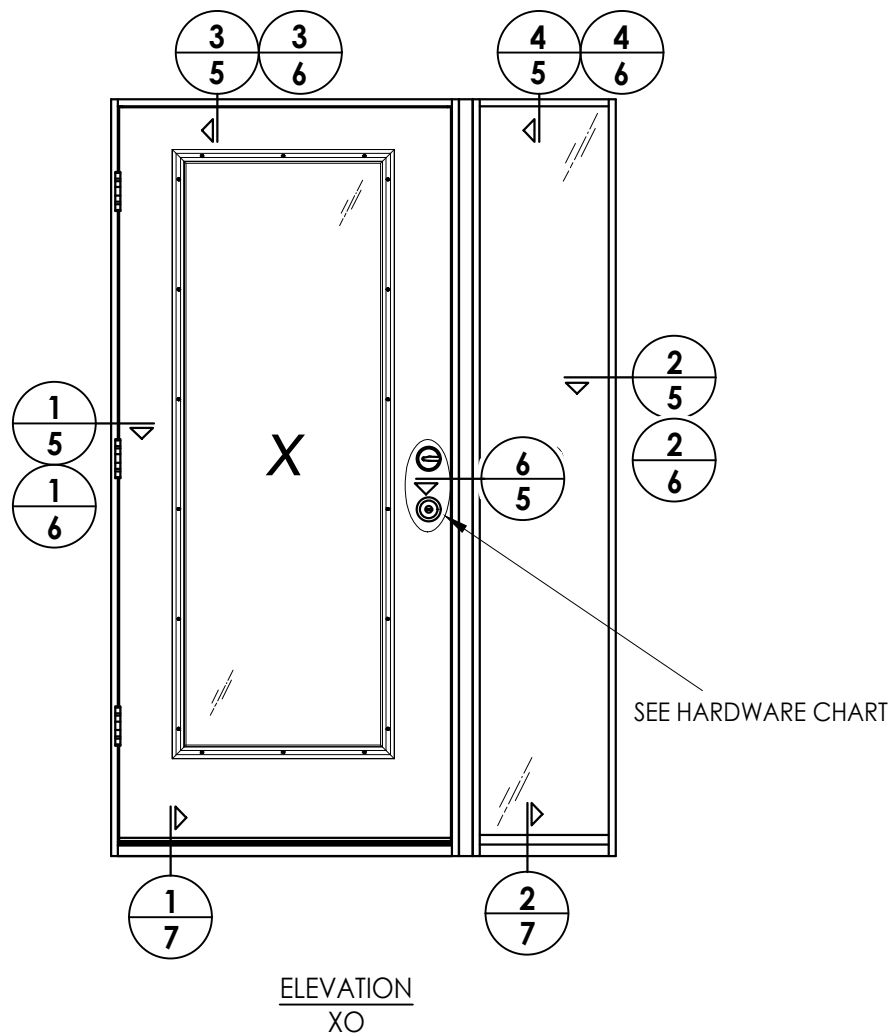
DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-35436.6
SHEET 3 OF 12

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.6,8.dwg



Fiber-Classic/Smooth-Star Door Panel Options

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)

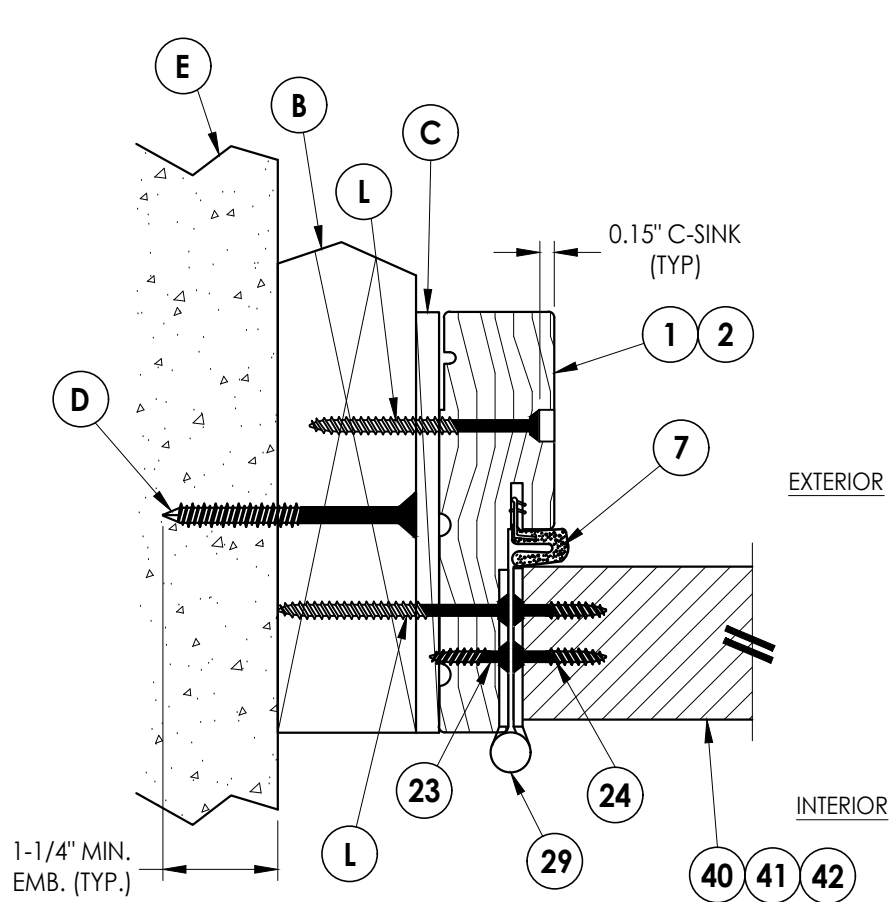
PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	REVISIONS	
		DATE	BY
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC

DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-35436.6
SHEET 4 OF 12

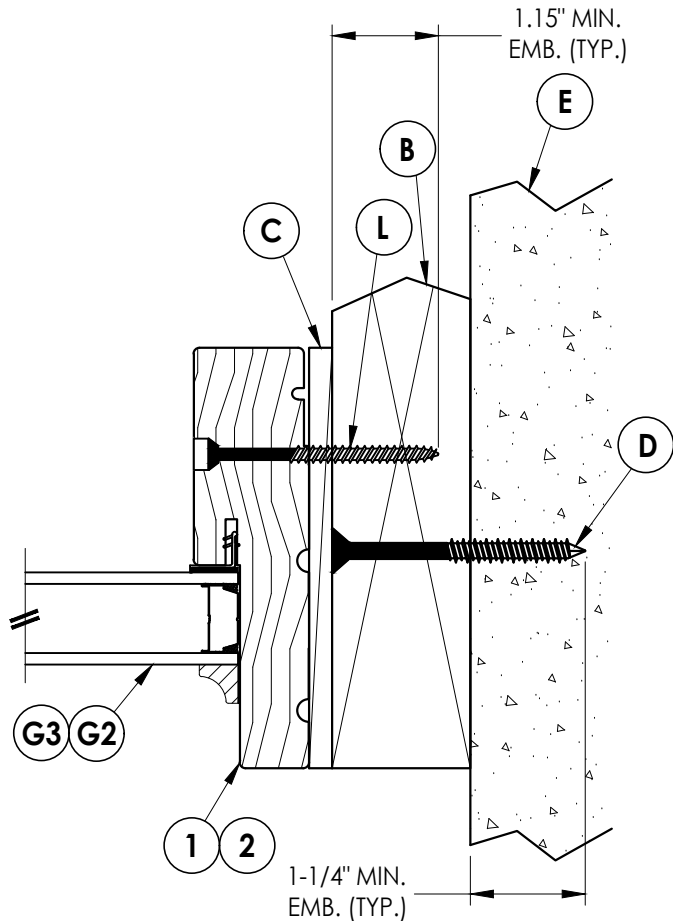
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

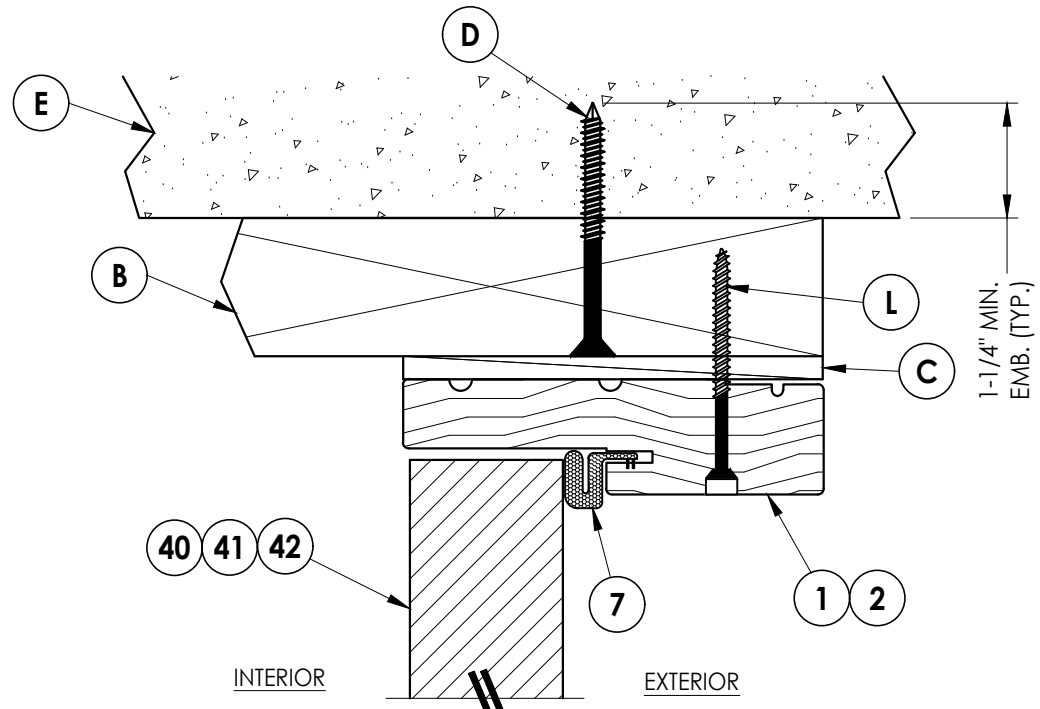
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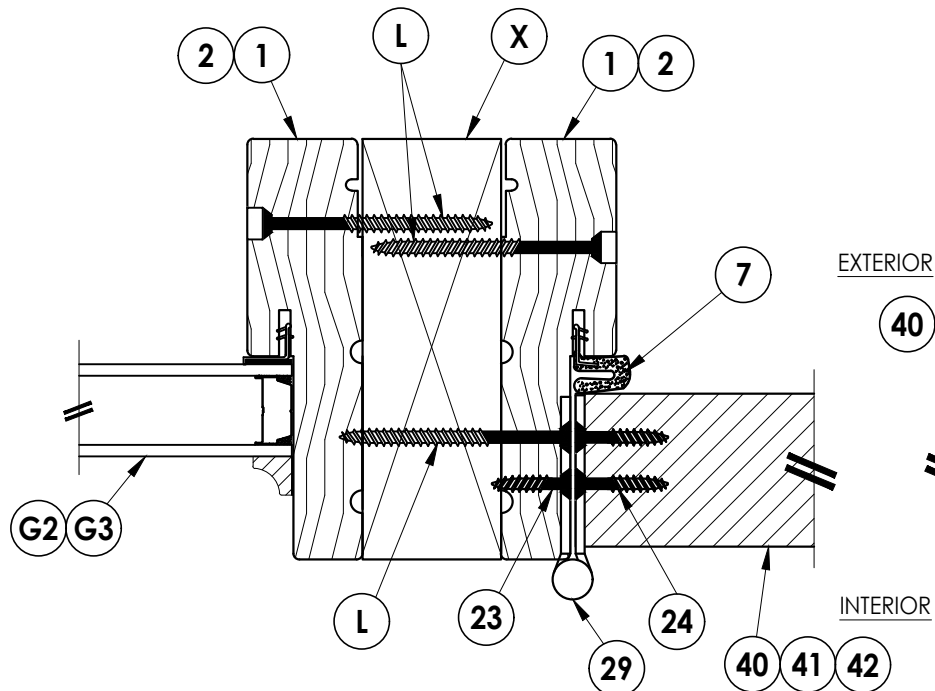
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



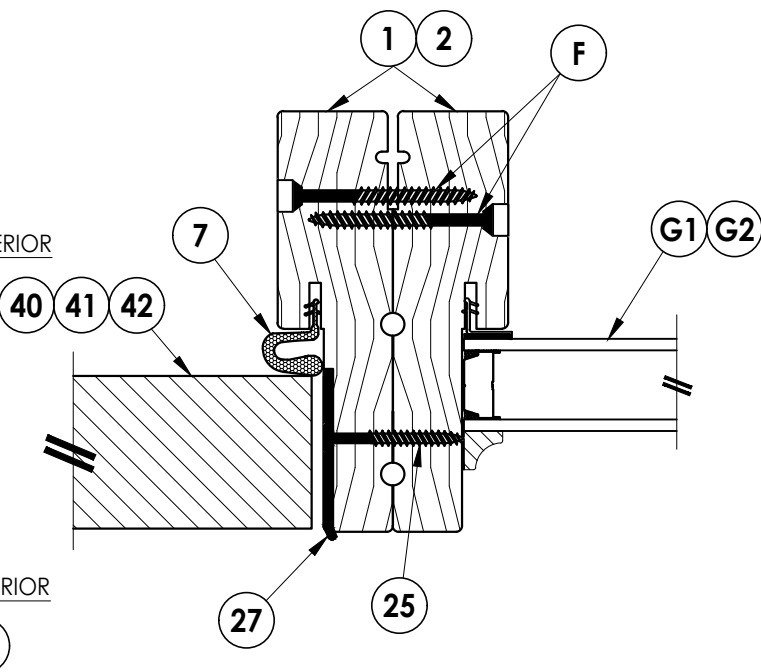
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5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



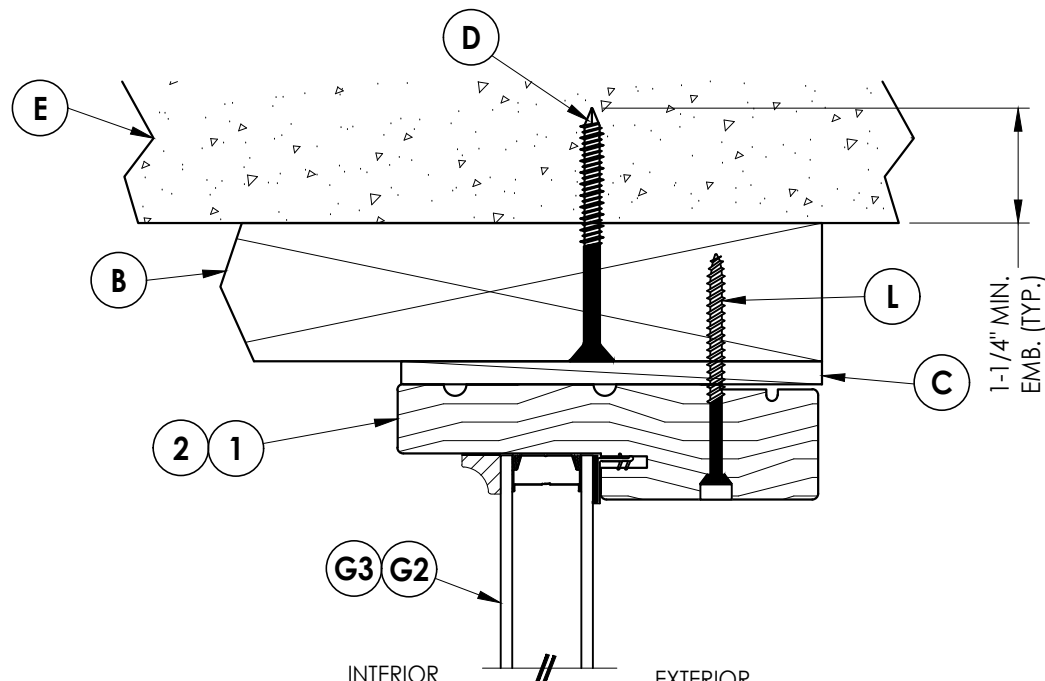
3
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



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:
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P.E. No. 43409

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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

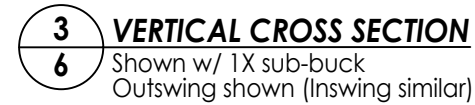
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-35436.6

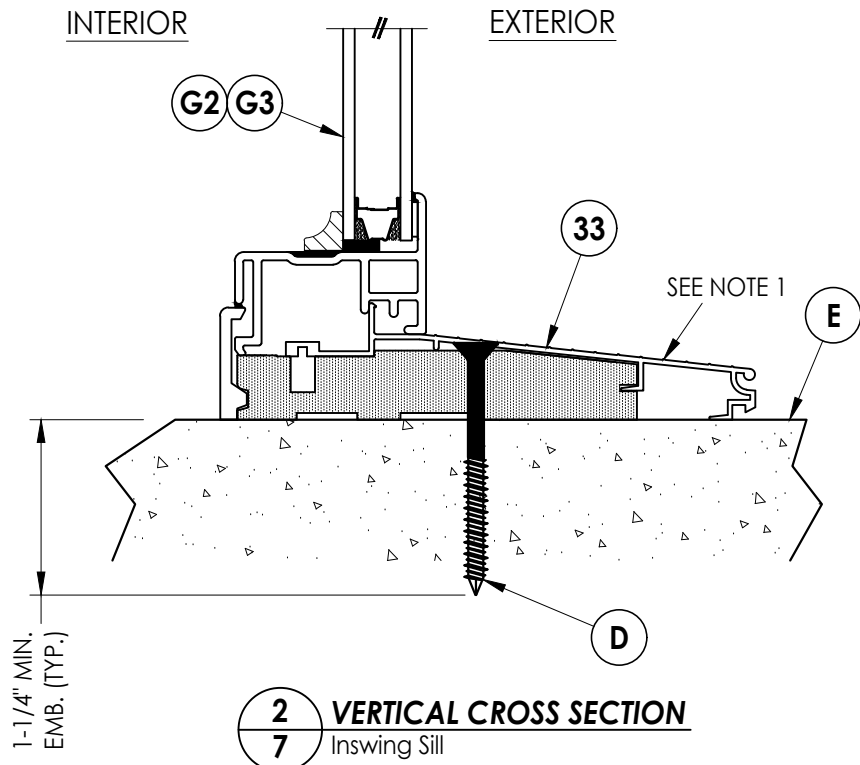
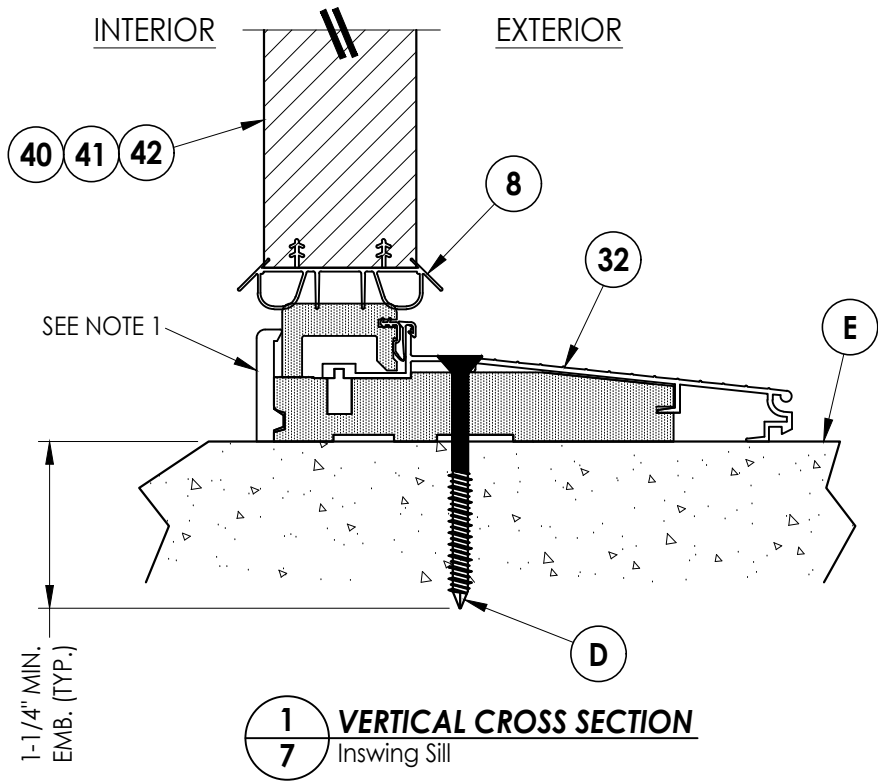
SHEET 5 OF 12



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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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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-35436.6
SHEET 7 OF 12

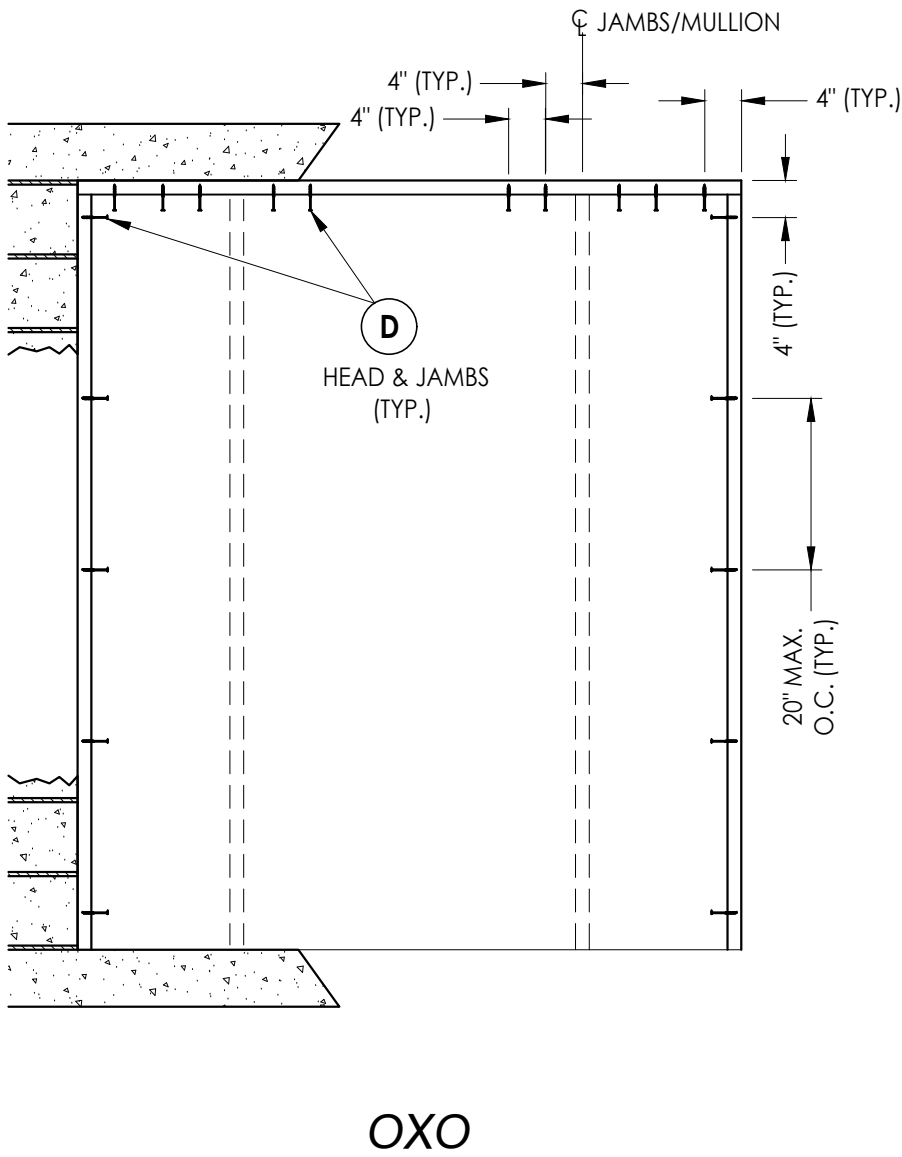
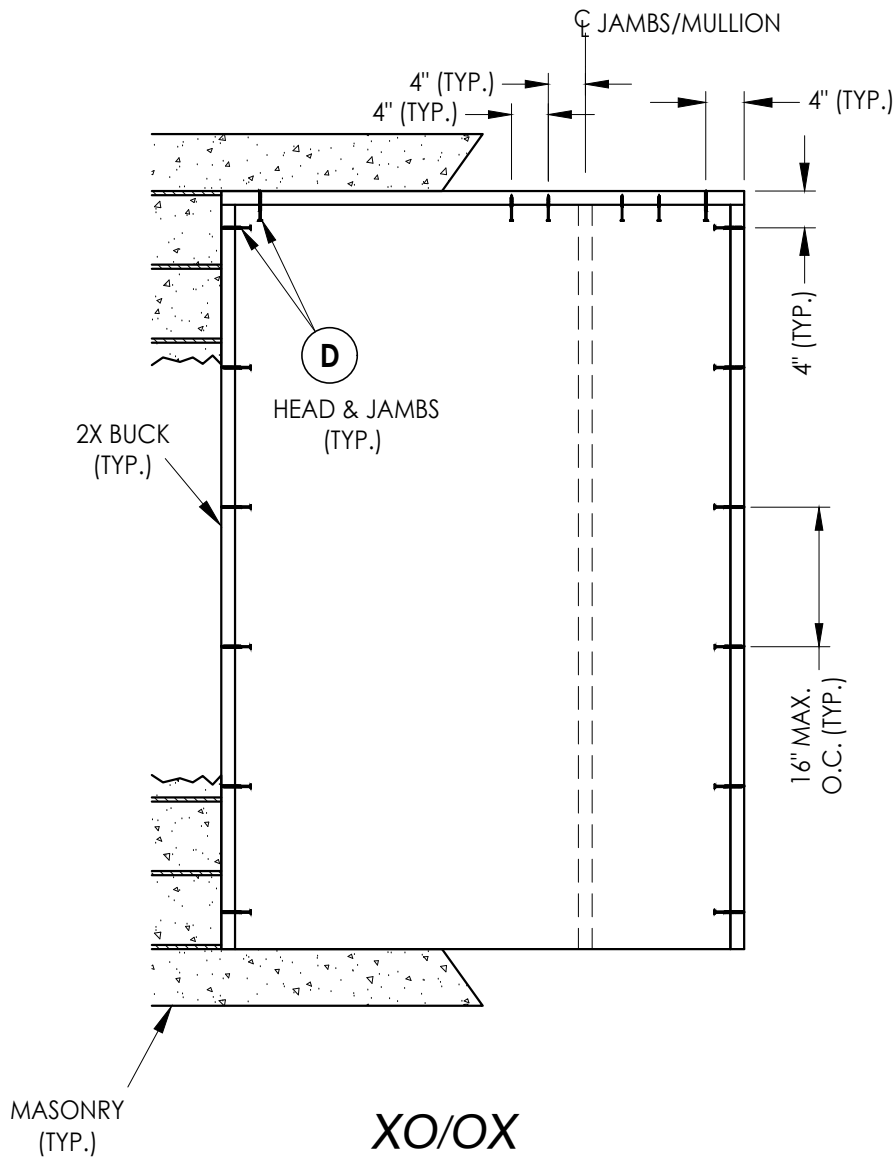
NO.	DATE	UPDATE TO 8TH ED. (2023) FBC	LFS	BY
1	7/24/23			

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

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

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

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2X BUCK ANCHORING

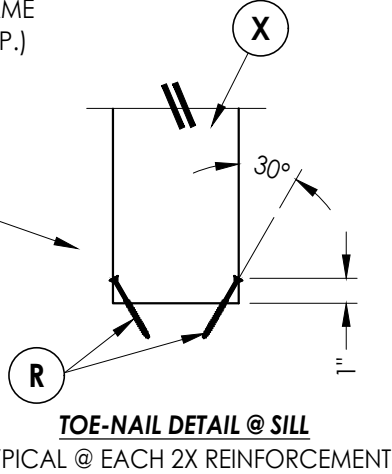
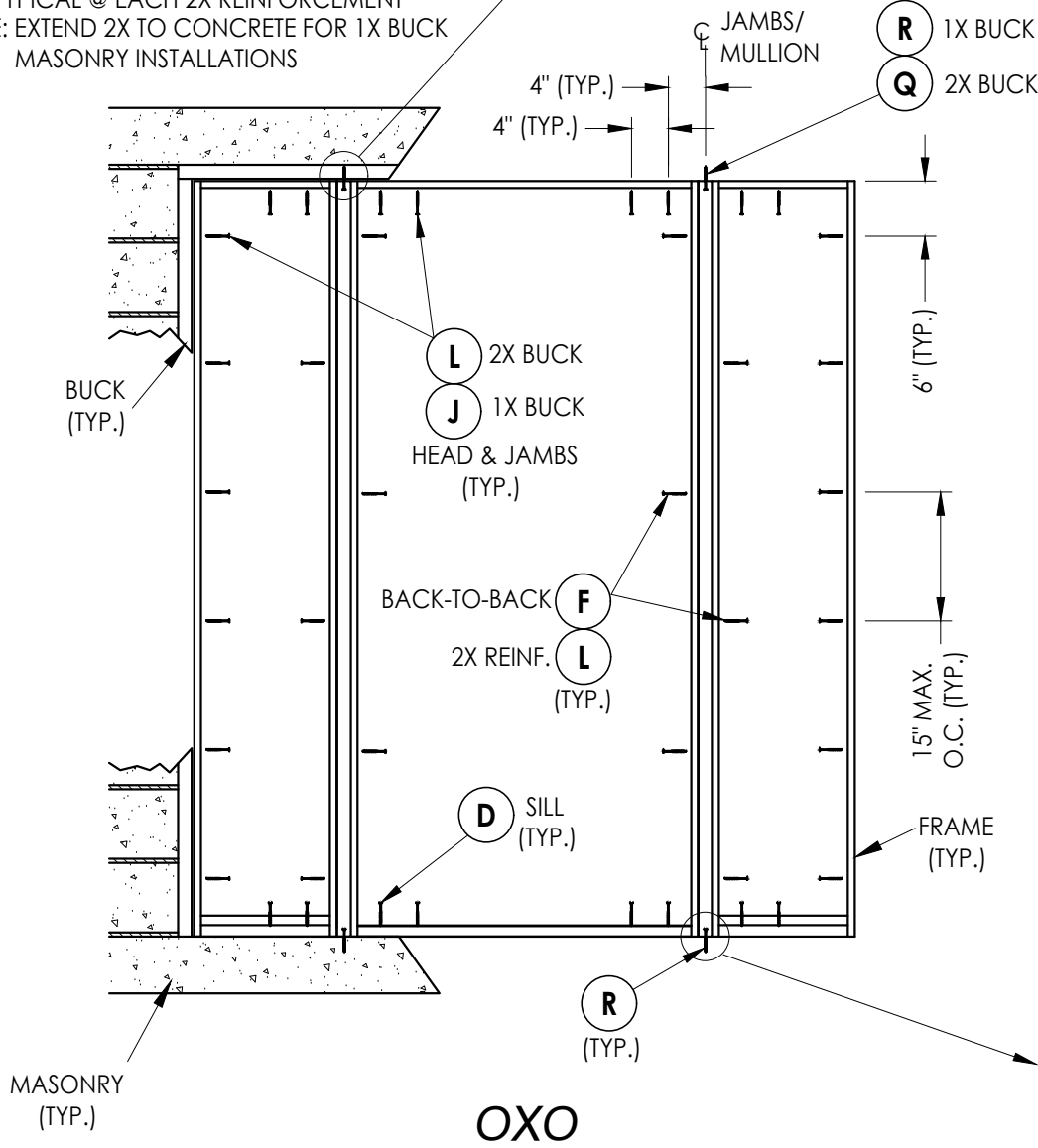
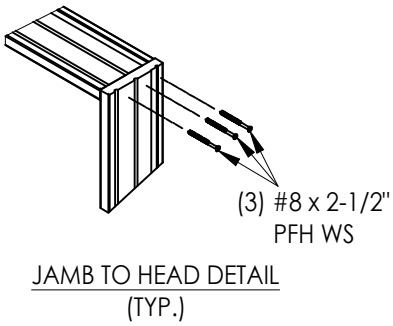
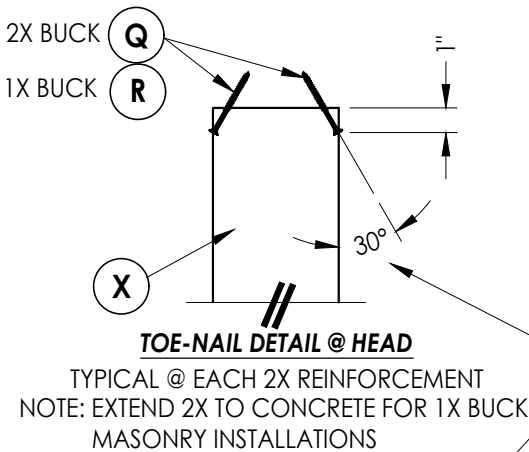
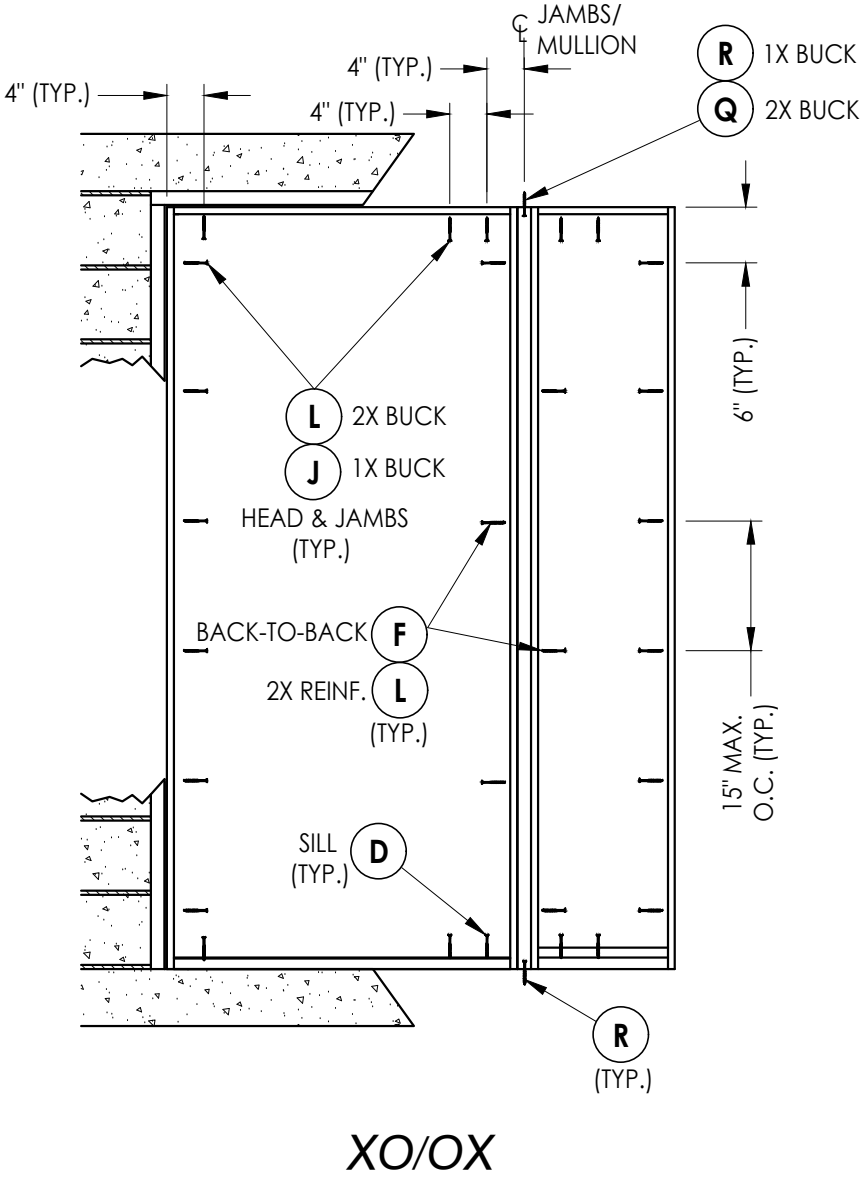
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SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-35436.6	
SHEET	8 OF 12

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

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

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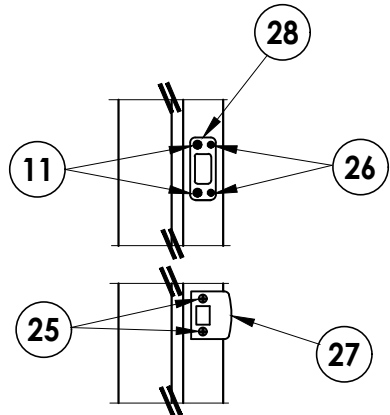
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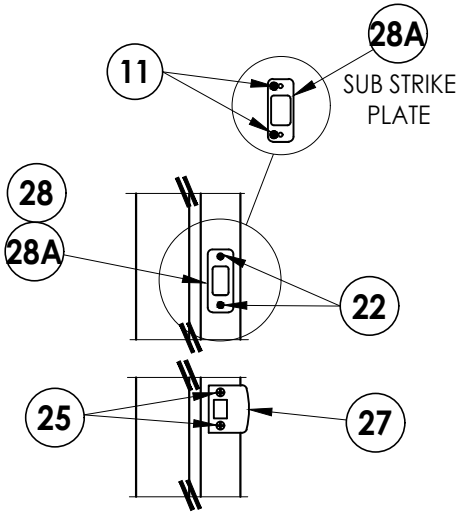
FRAME ANCHORING

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: 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-35436.6			
SHEET 9 OF 12			

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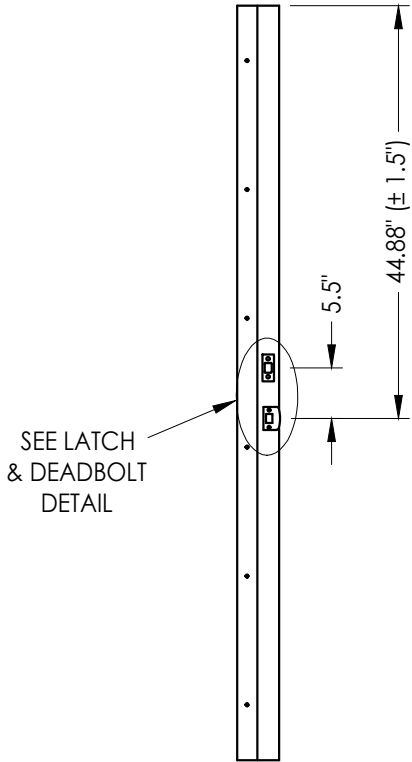


LATCH & DEADBOLT DETAIL
Kwikset

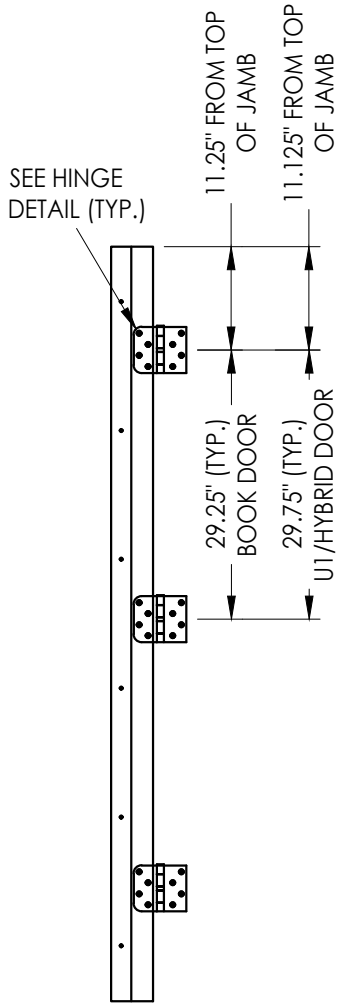


LATCH & DEADBOLT DETAIL
Schlage

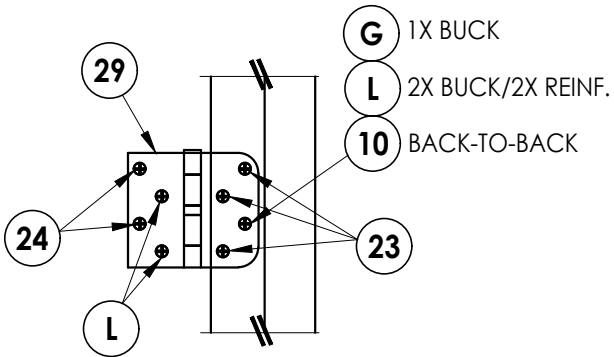
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

DATE: 12/10/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-35436.6

SHEET 10 OF 12

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

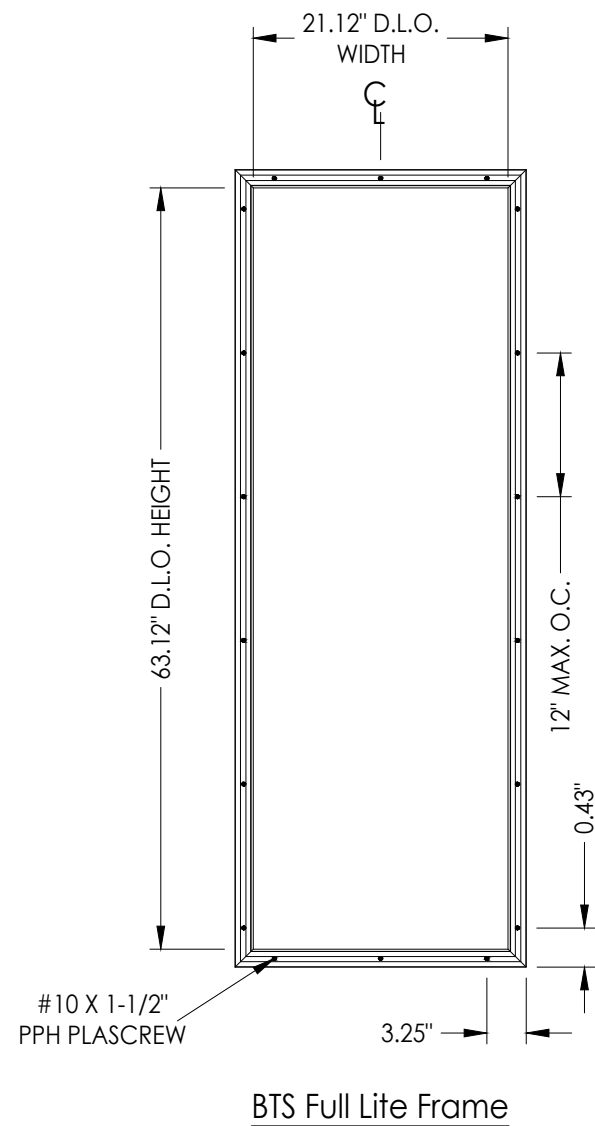
PART OR ASSEMBLY:

HARDWARE DETAILS

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

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2A **BTS LITE FRAME**
1/2" Glazing

[illegible]

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

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