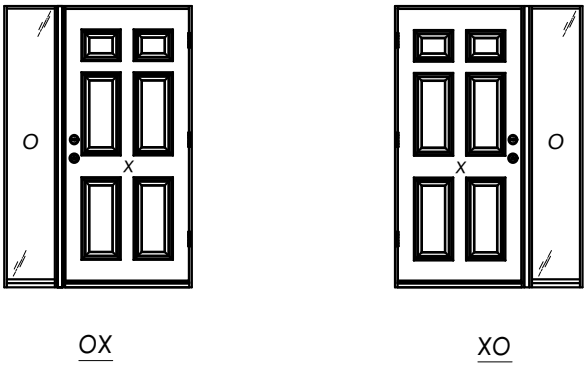


Digitally signed
by Lyndon F
Schmidt
Date:
2023.07.24
17:27:10 -04'00'

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



OPAQUE FIBERGLASS SINGLE DOOR
w/ DIRECT SET SIDELITE(S)
INSWING
"NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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 as follows: Wind Zones 1, 2 & 3: Glazed Sidelites only; Wind Zone 4: Entire System.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

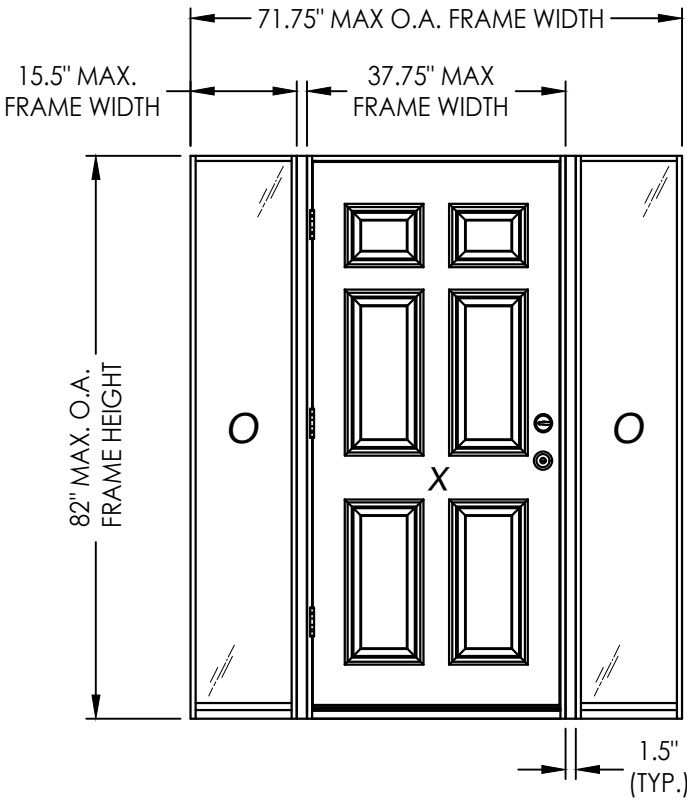


TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET#	
1	Typical Elevations, Design Pressures & General Notes	7	Vertical Cross Sections (Thresholds)
2	Door Panel Details	8	Buck Anchoring
3	Sidelite Panel Details	9	Frame Anchoring
4	Elevations	10	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)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

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	+55.0	-60.0	+35.0	-45.0
	YES	+70.0	-75.0	+60.0	-65.0

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

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

DATE: 12/10/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-35436.13

SHEET 1 OF 11

1

7/24/23

UPDATE TO 8TH ED. (2023) FBC

NO.

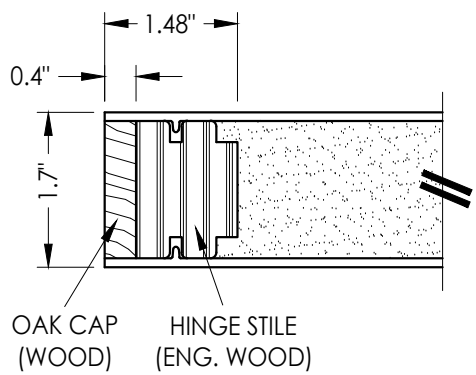
DATE

REVISIONS

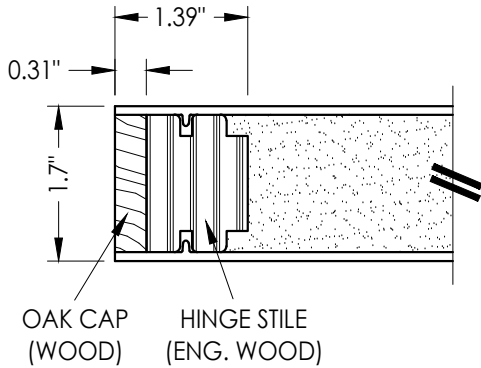
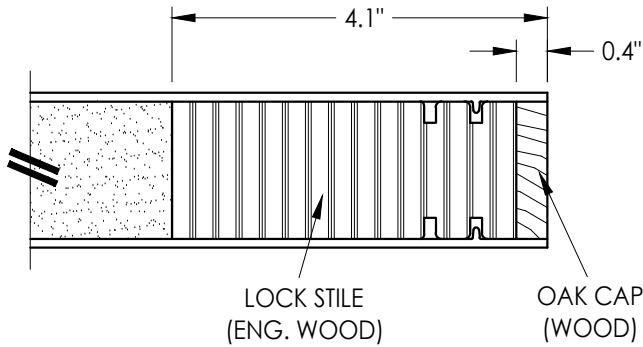
RW

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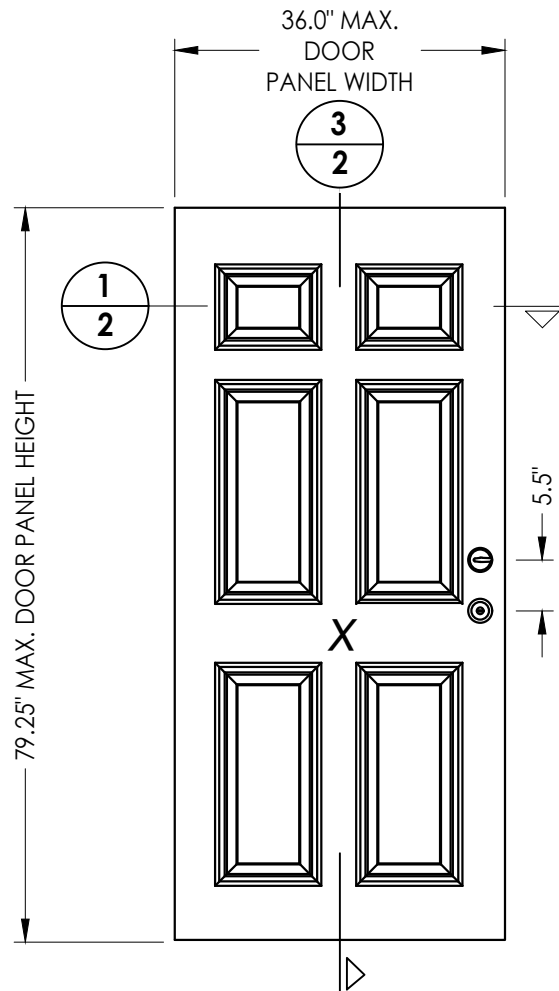
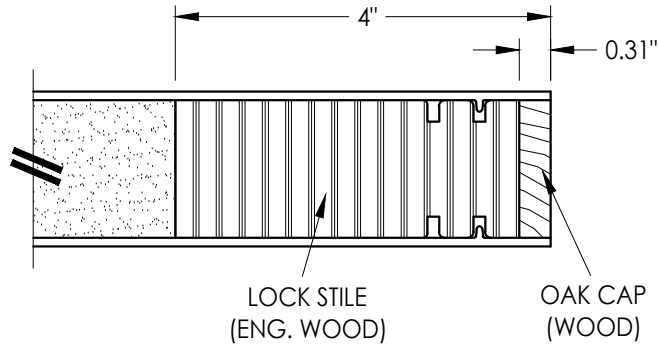
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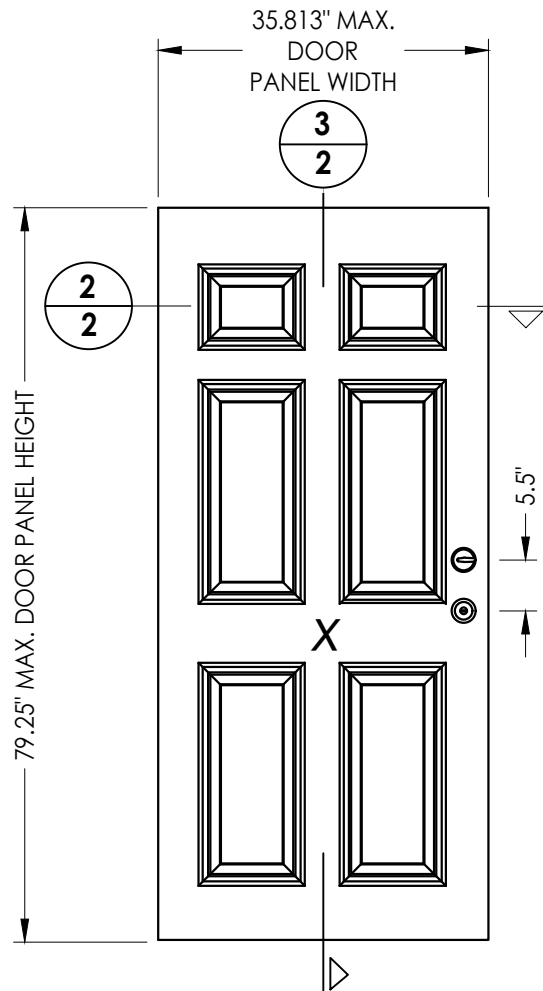
1
2 HORIZONTAL CROSS SECTION



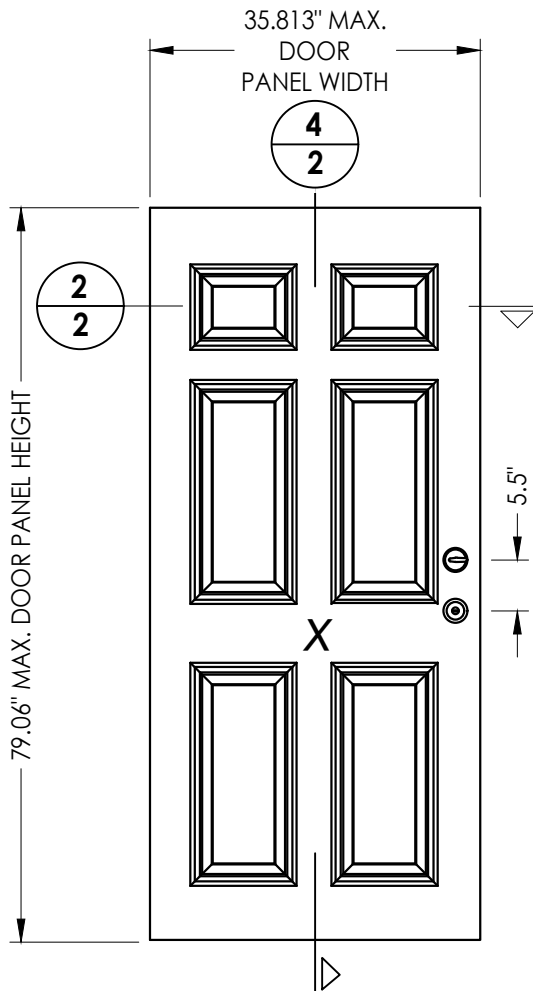
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2 HORIZONTAL CROSS SECTION



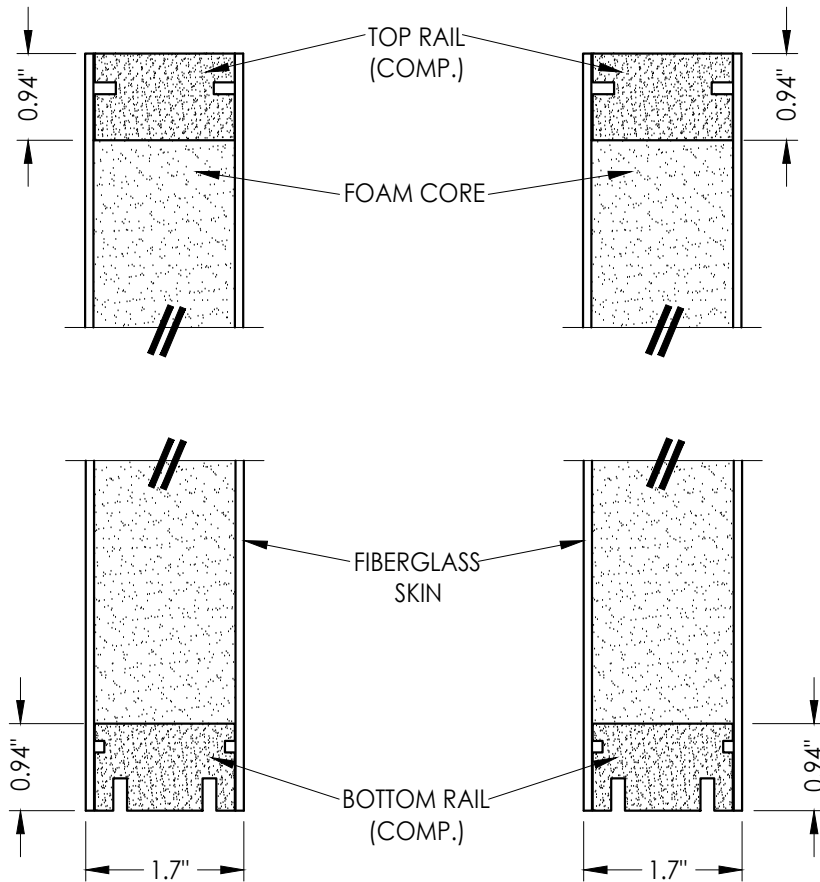
40 DOOR PANEL
BOOK



41 DOOR PANEL
Hybrid Door



42 DOOR PANEL
U1 Door



3
2 VERTICAL CROSS SECTION

4
2 VERTICAL CROSS SECTION

"Classic Craft" SERIES DOOR PANEL

FIBERGLASS DOOR SKIN: 0.095" MIN. THK.

FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

Documents Prepared By:
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P.E. No. 43409

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR 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.

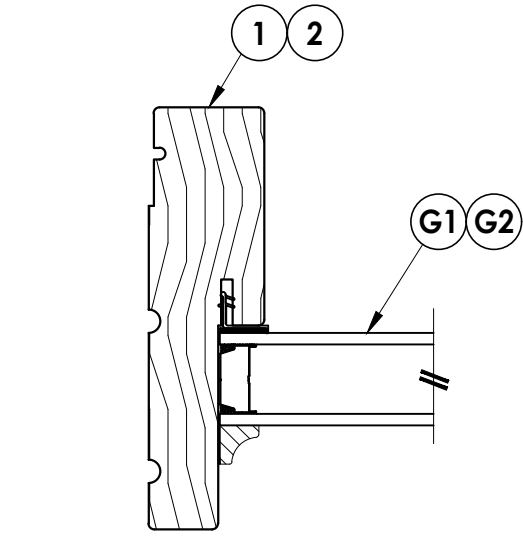
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CHK. BY: LFS

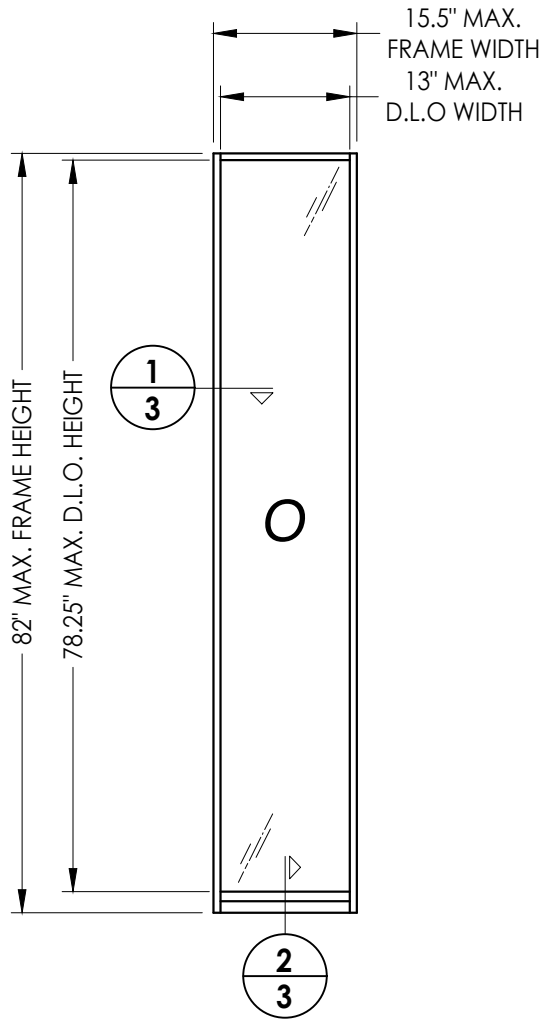
DRAWING NO.: FL-35436.13

SHEET 2 OF 11

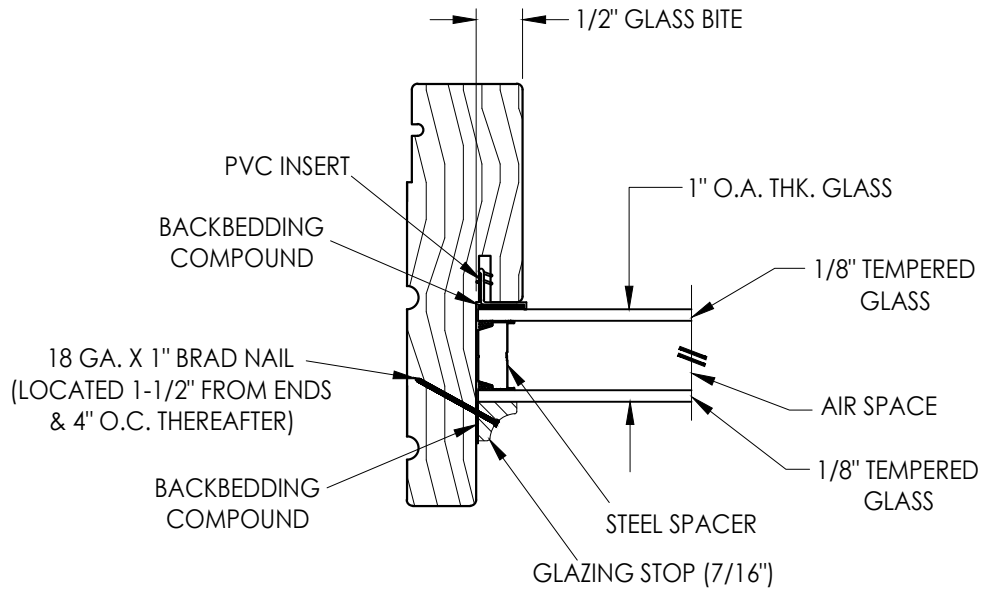
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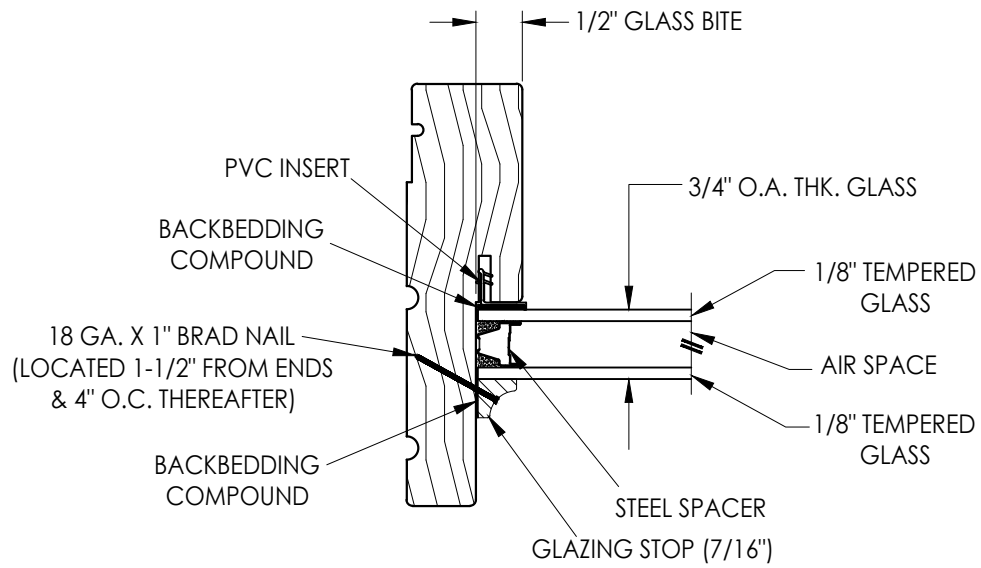
1
3 **HORIZONTAL CROSS SECTION**



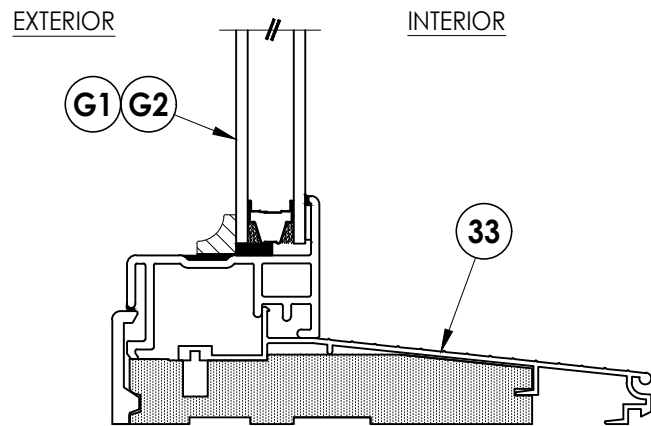
50 **DIRECT SET SIDELITE FRAME**



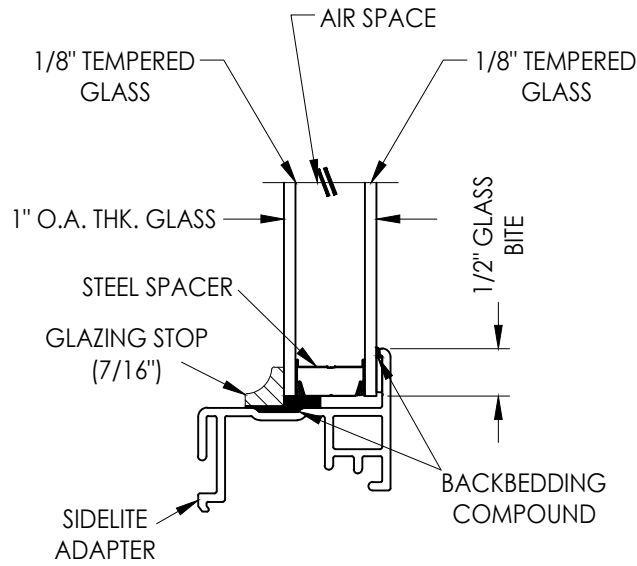
G1 **GLAZING DETAIL**
1" Insulated Glass



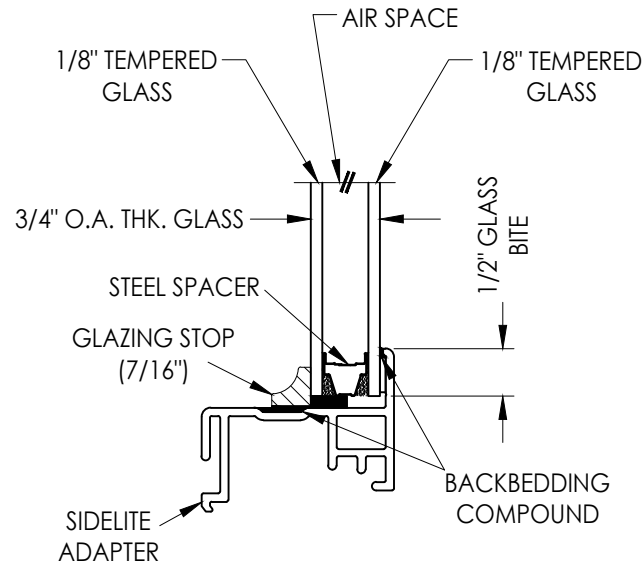
G2 **GLAZING DETAIL**
3/4" Insulated Glass



2
3 **VERTICAL CROSS SECTION**



G1 **GLAZING DETAIL**
1" Insulated Glass



G2 **GLAZING DETAIL**
3/4" Insulated Glass

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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

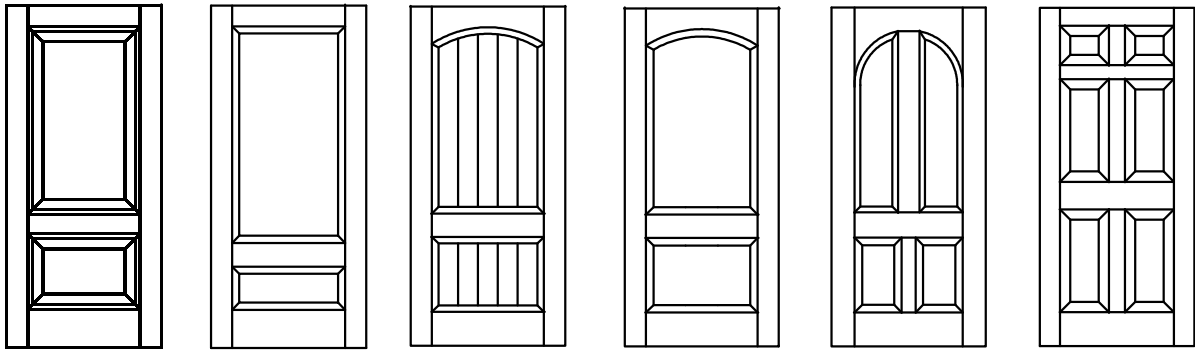
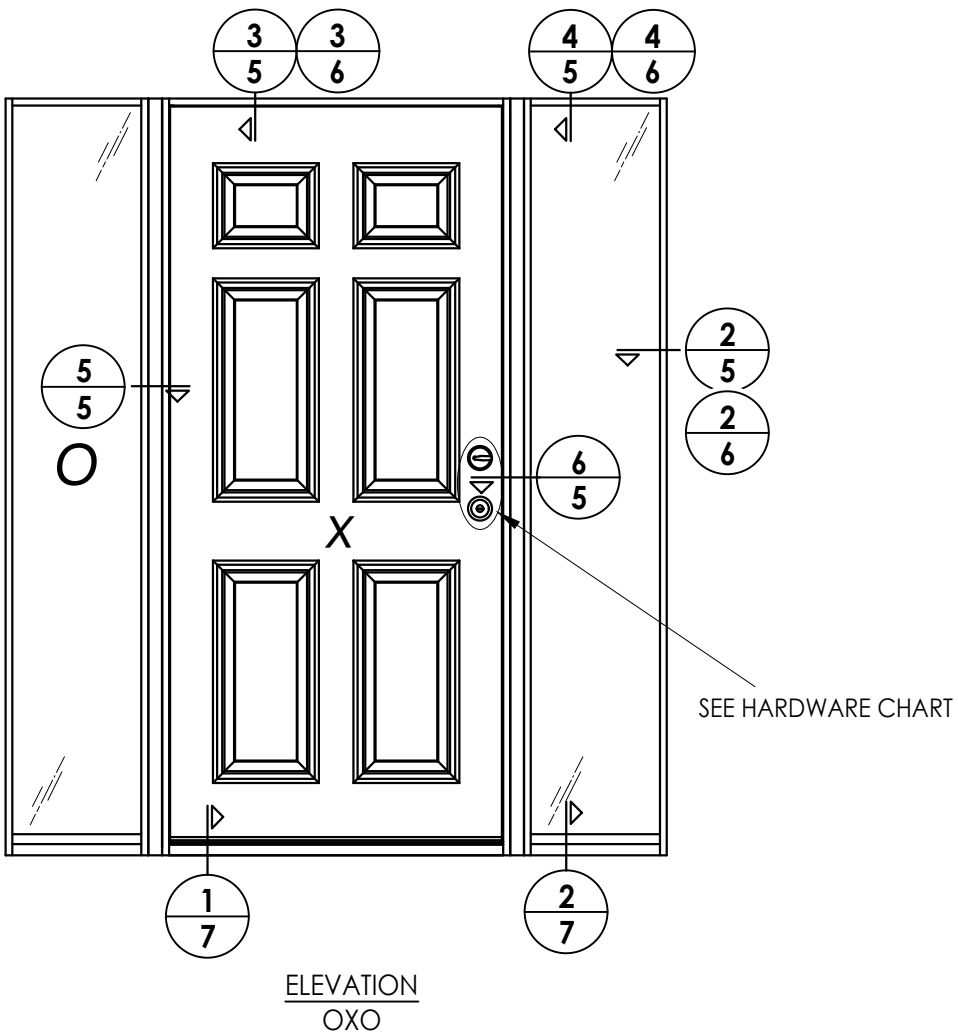
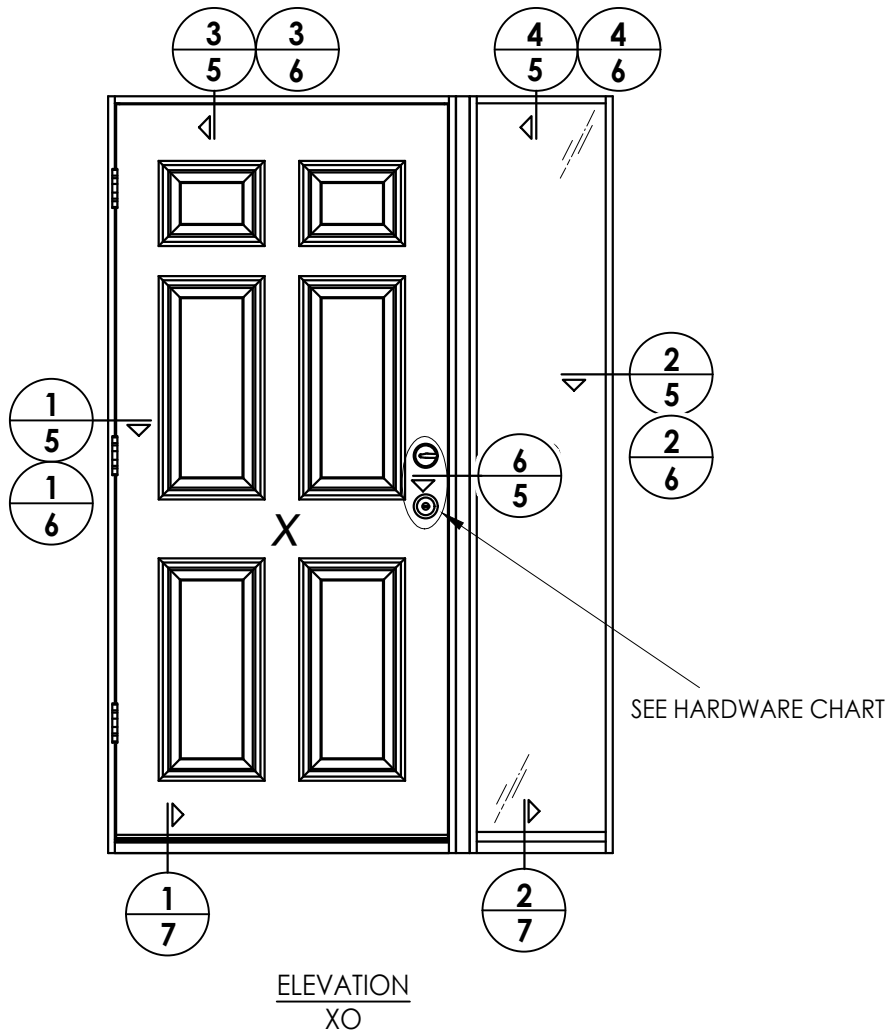
CHK. BY: LFS

DRAWING NO.: FL-35436.13

SHEET 3 OF 11

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Classic Craft Door Panel Options

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

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

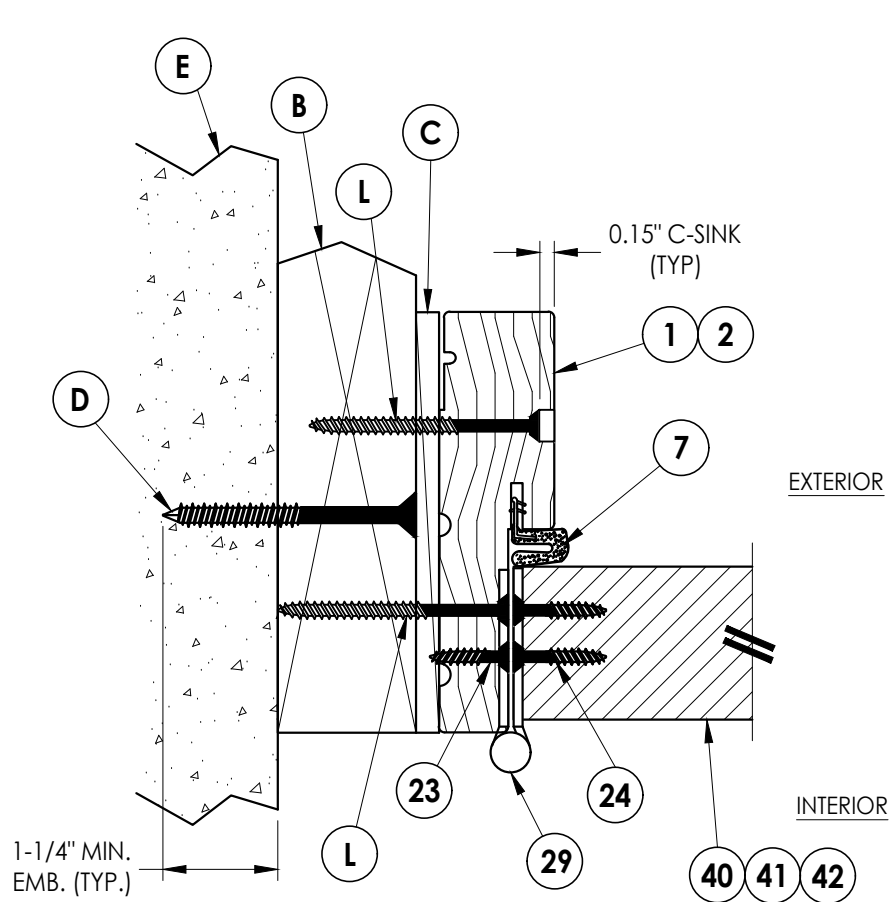
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PART OR ASSEMBLY:		ELEVATIONS	
DATE		REVISIONS	
NO.		BY	
1		7/24/23	
DATE		FBC	
UPDATE TO 8TH ED. (2023)		LFS	

DATE: 12/10/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-35436.13
SHEET 4 OF 11

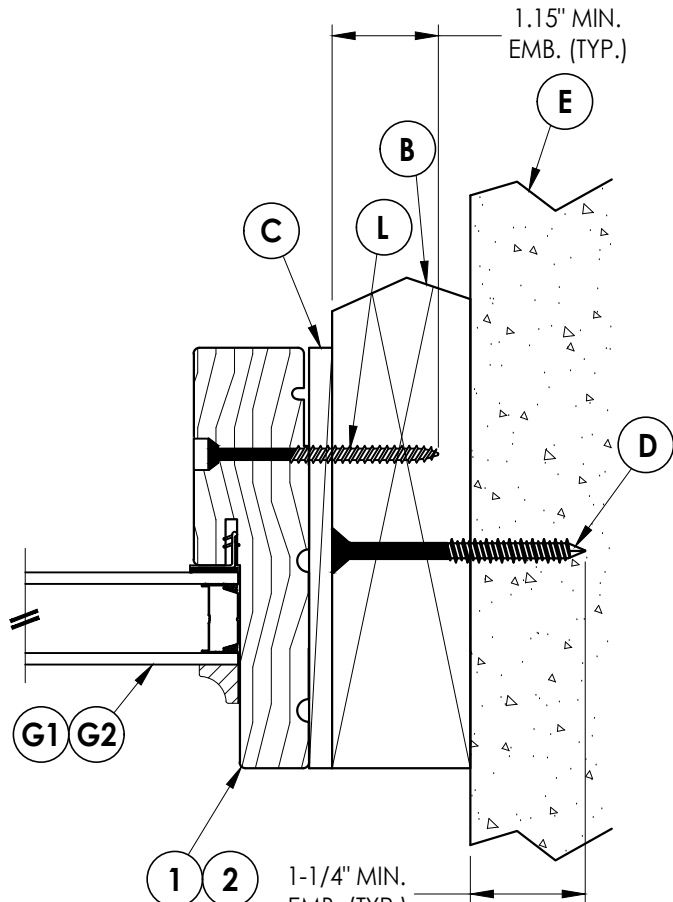
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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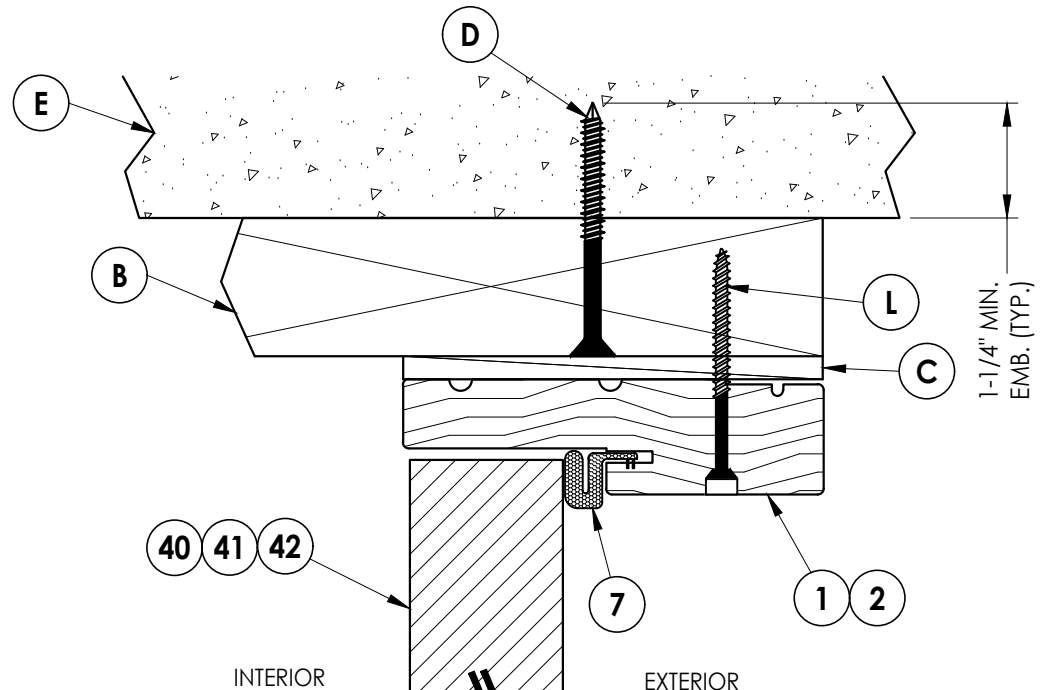
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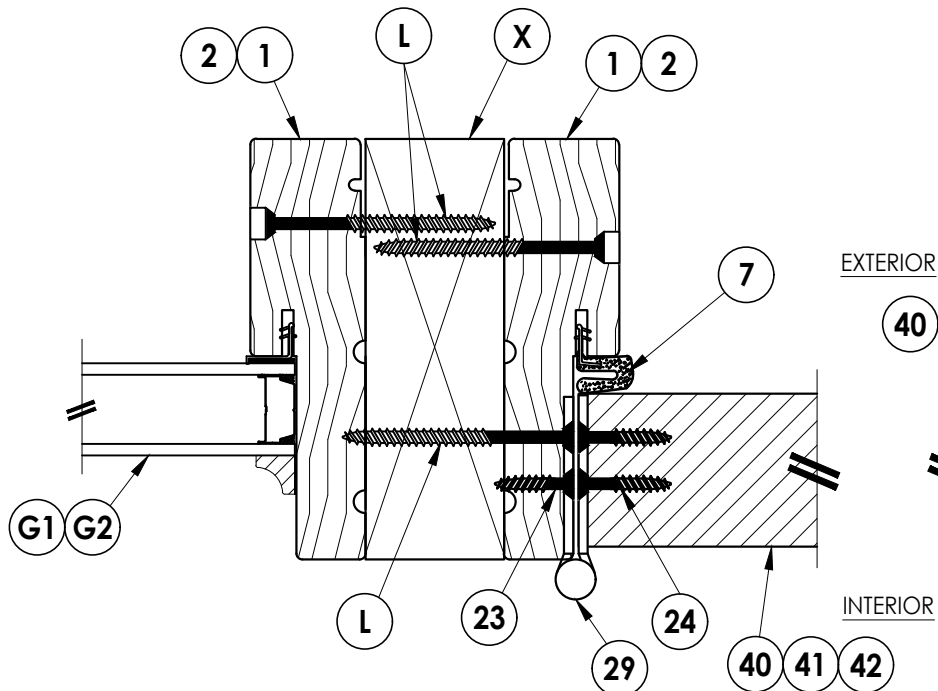
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5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



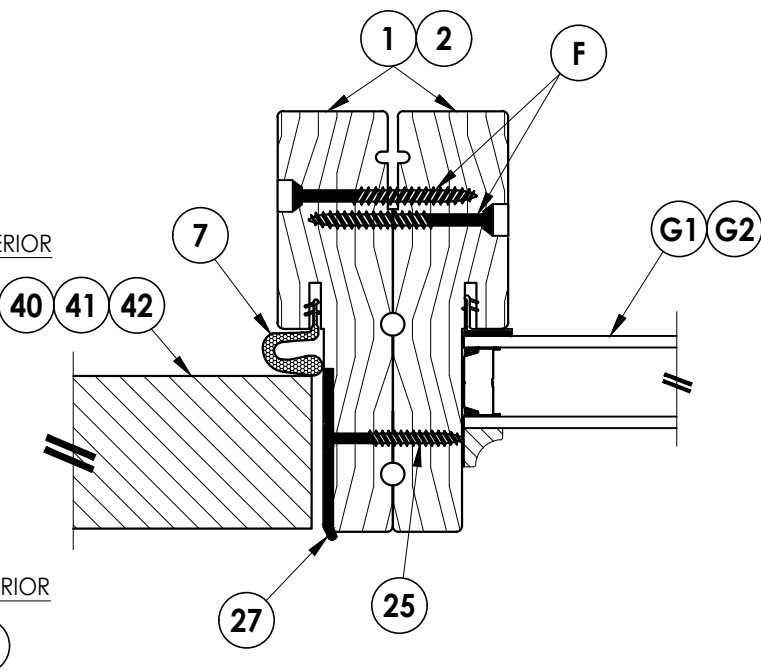
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5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



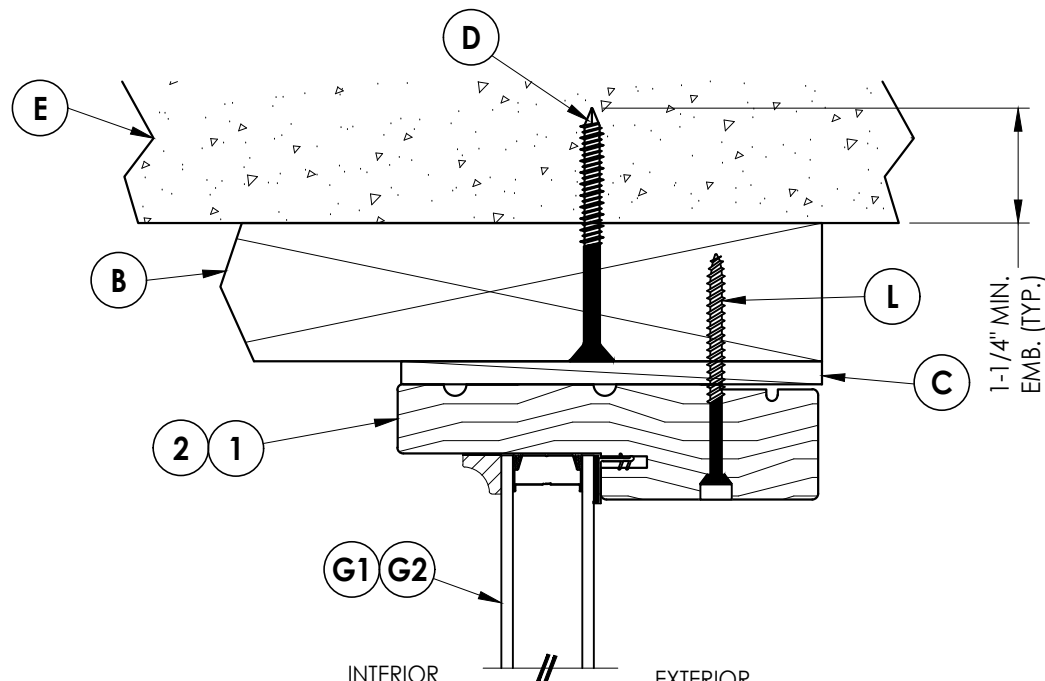
3
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



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

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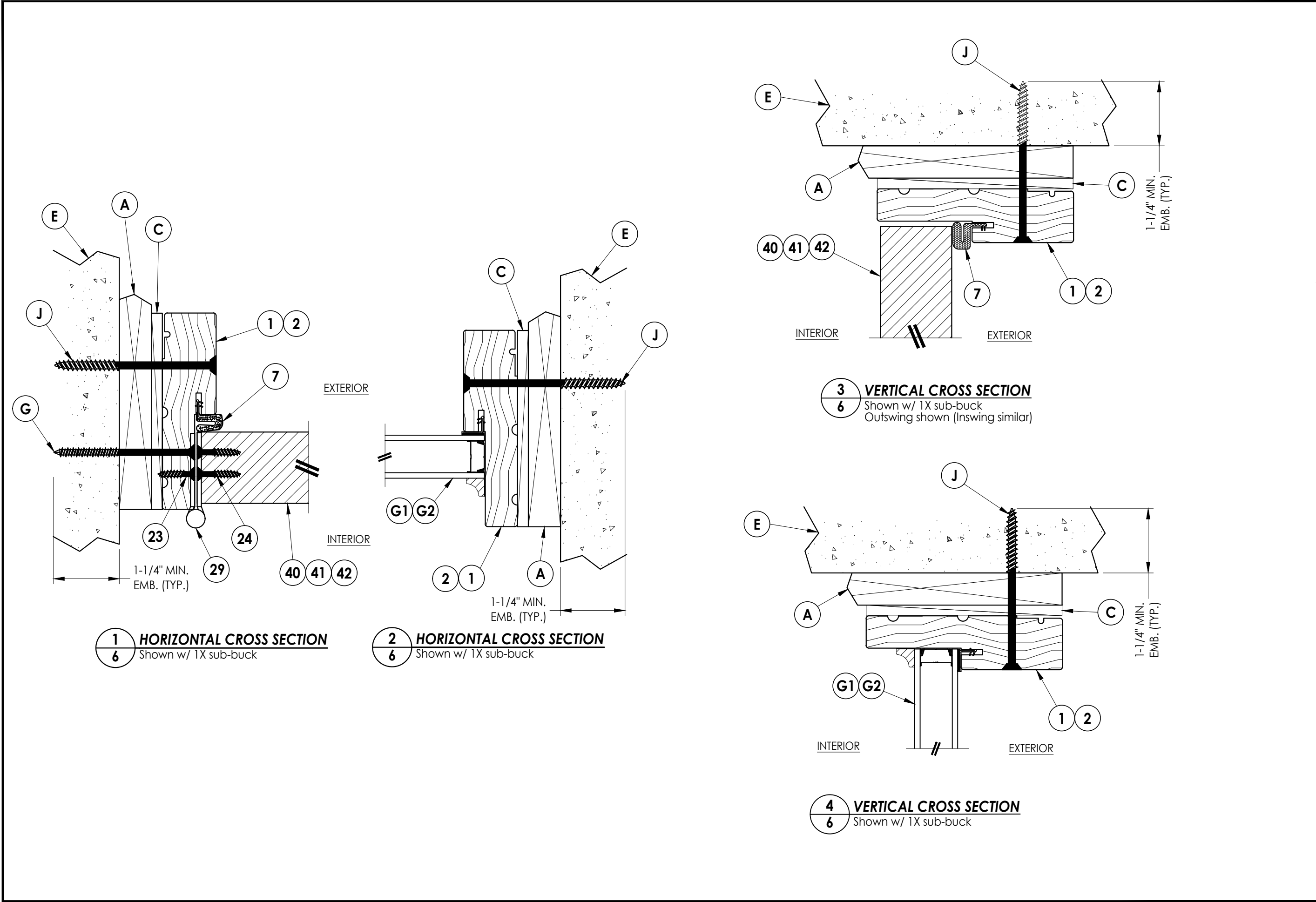
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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-35436.13
SHEET 5 OF 11

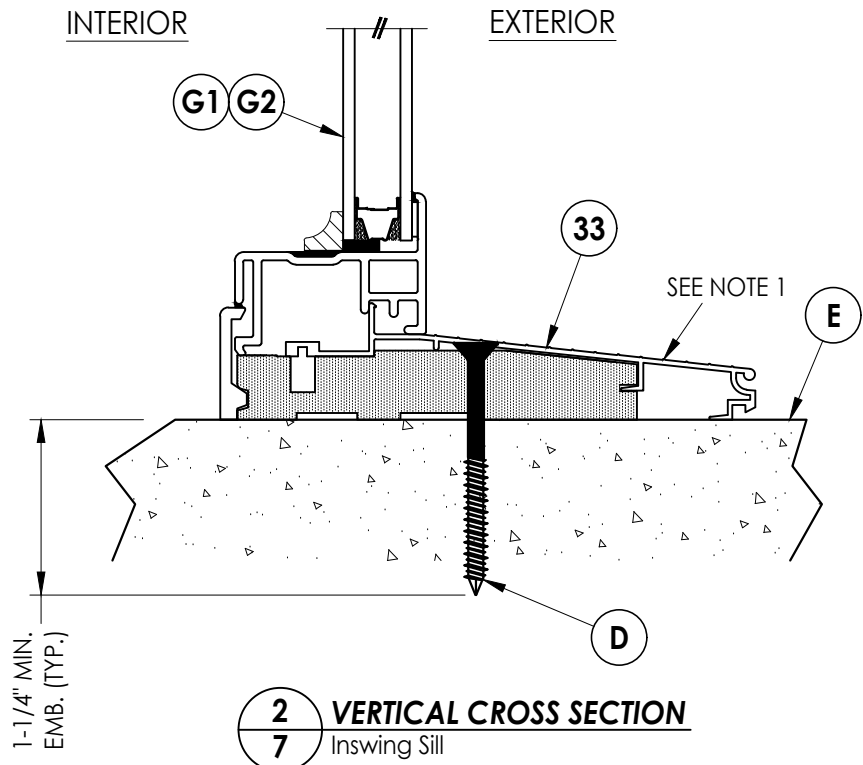
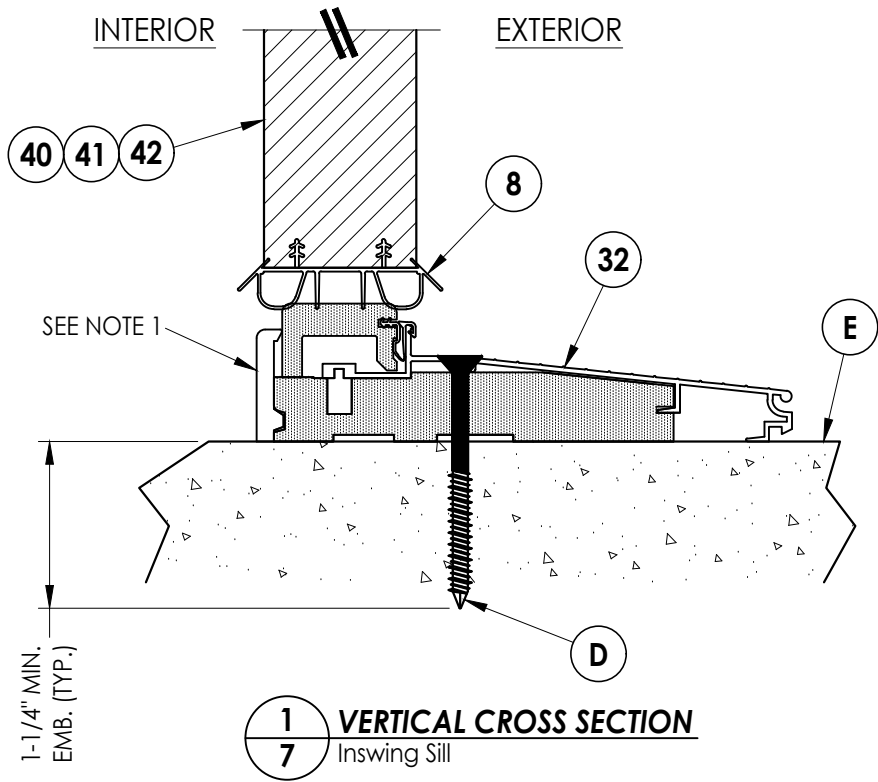
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PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
		LFS BY	
		REVISIONS	
		1 7/24/23 UPDATE TO 8TH ED. (2023) FBC	
		NO. DATE	
DATE: 12/10/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-35436.13			
SHEET 6 OF 11			

Z:\2023 FBC Drawings\Therma-Tru\FL-35436 R2\FL-35436.13,15.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-35436.13
SHEET 7 OF 11

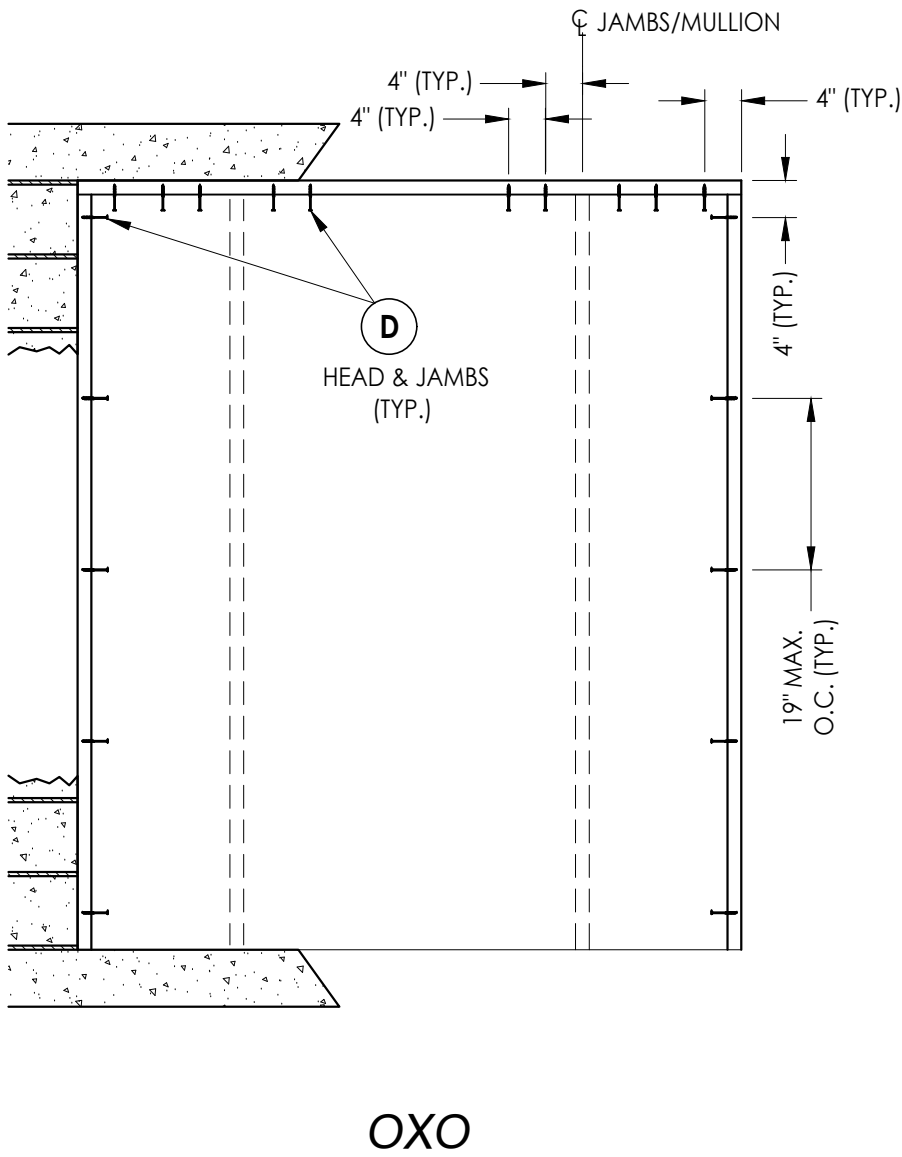
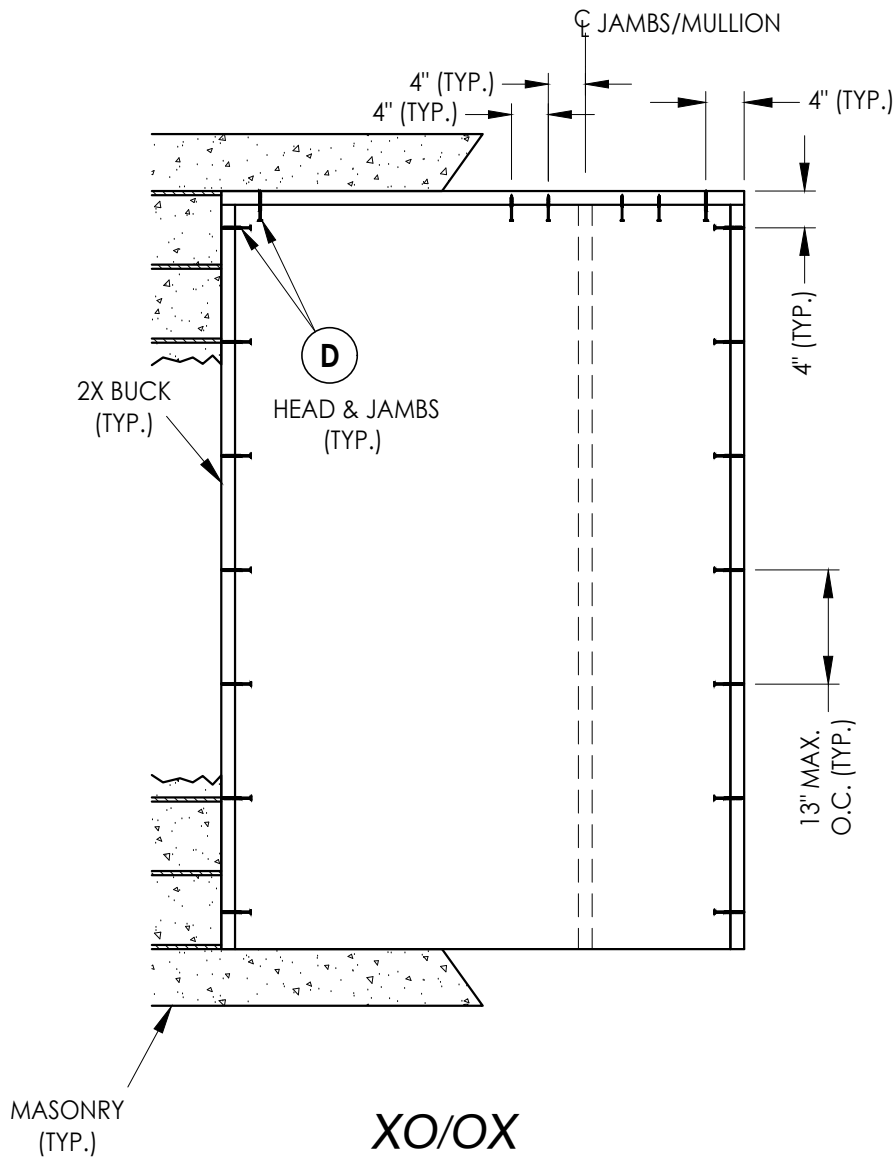
NO.	DATE	UPDATE TO 8TH ED. (2023)	FBC	LFS	BY
1	7/24/23				

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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Phone No.: 813.659.9197
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2X BUCK ANCHORING

DATE: 12/10/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-35436.13	
SHEET	8 OF 11

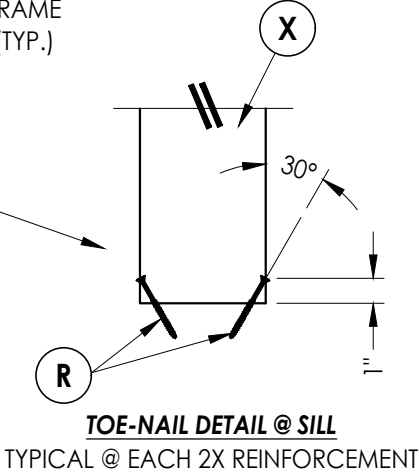
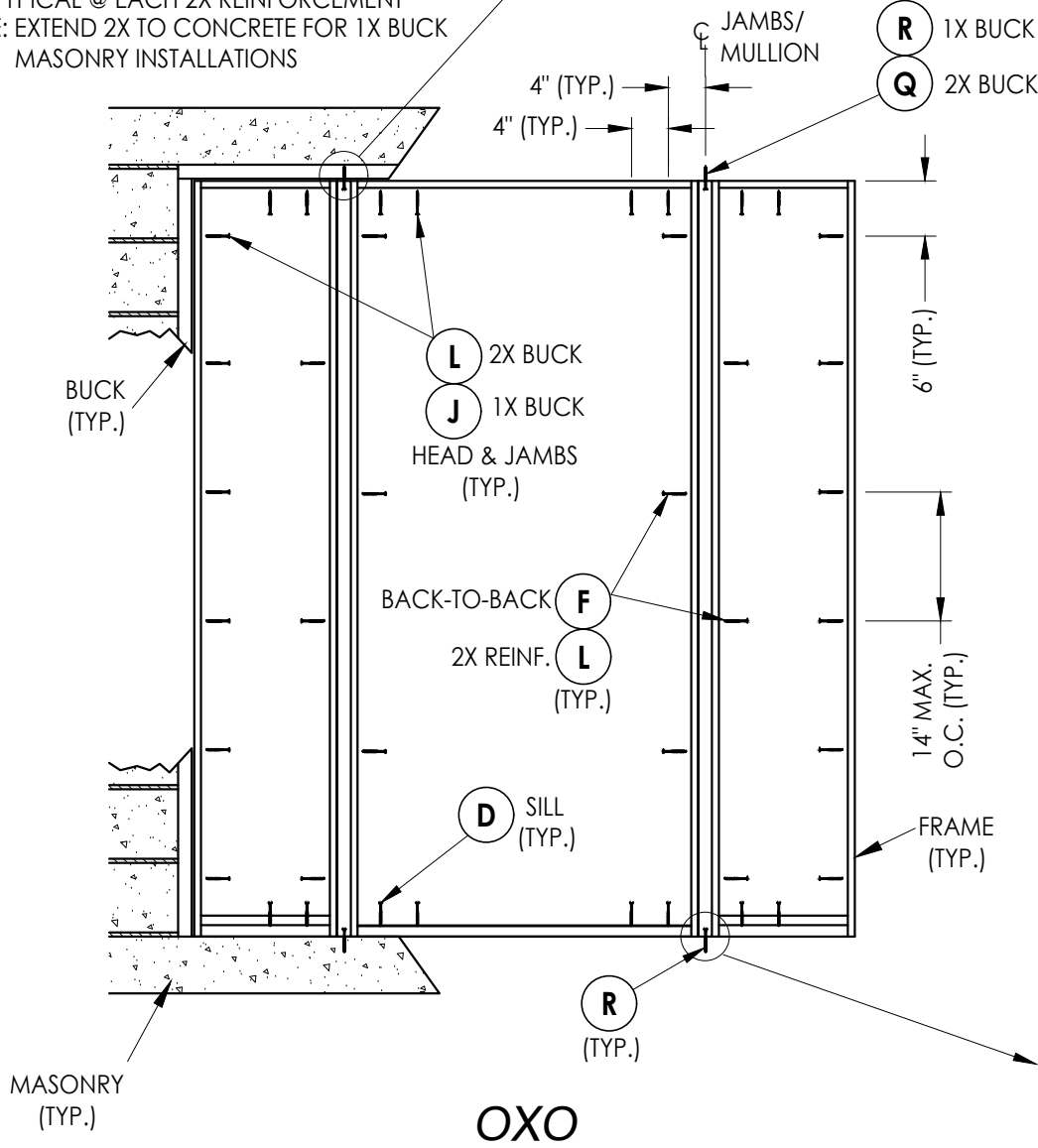
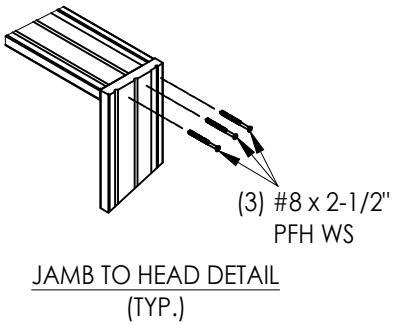
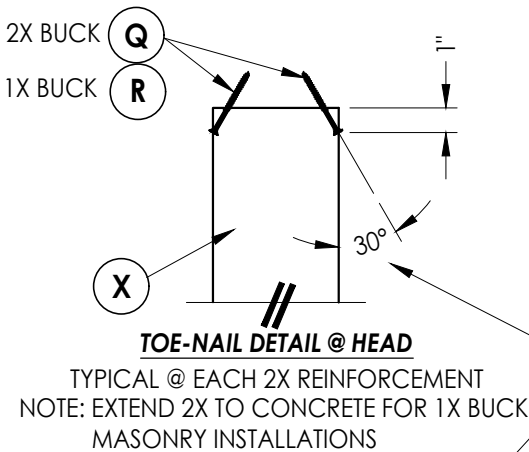
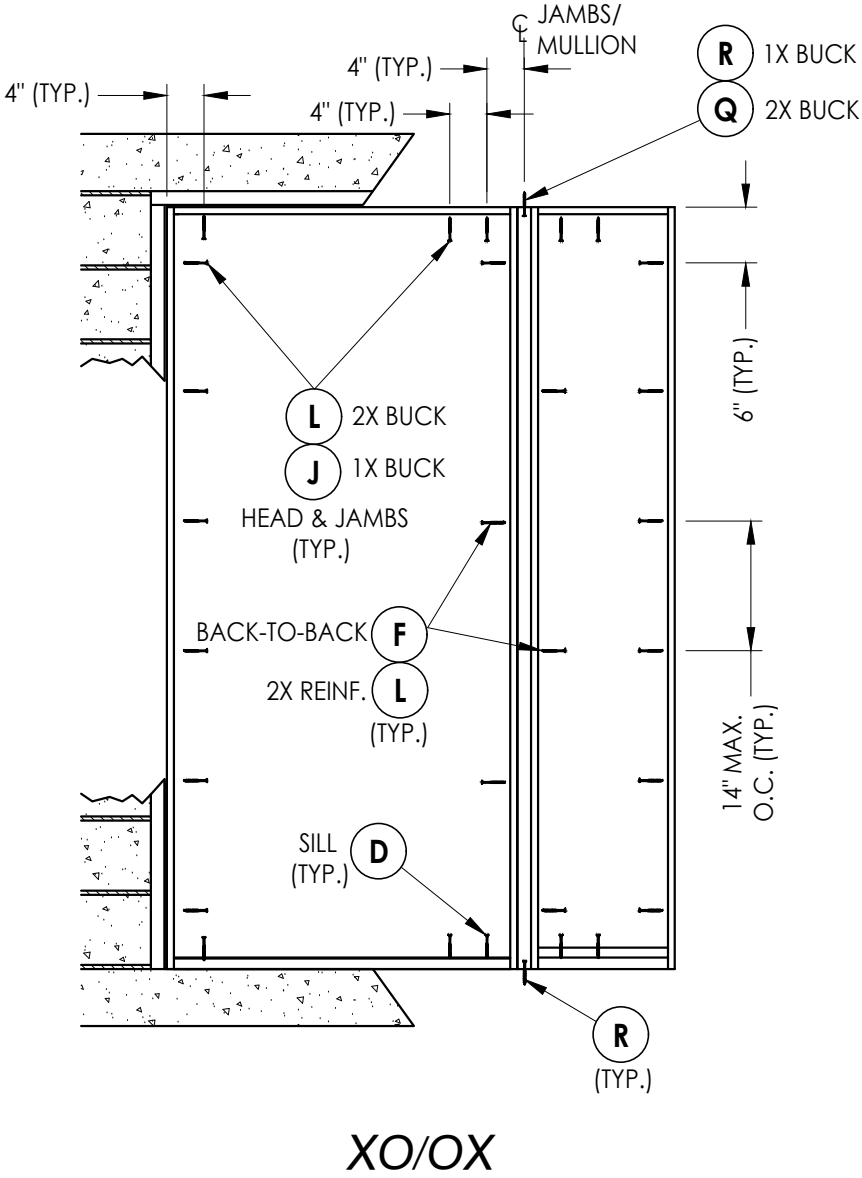
1	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	BY
NO.	DATE				
REVISIONS					

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

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

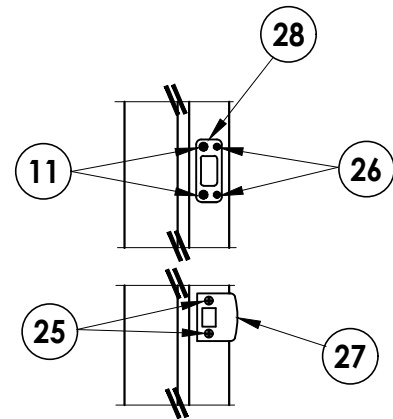
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Phone No.: 813.659.9197
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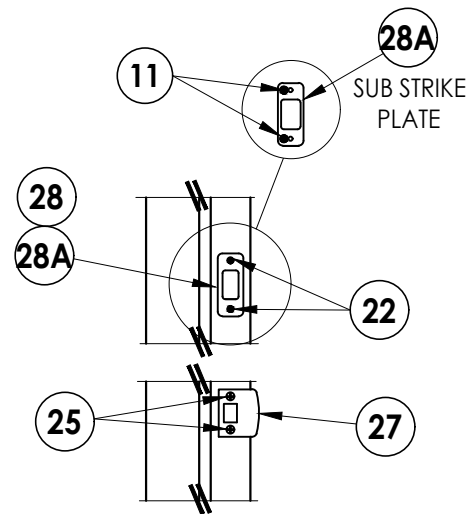


FRAME ANCHORING

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-35436.13			
SHEET 9 OF 11			

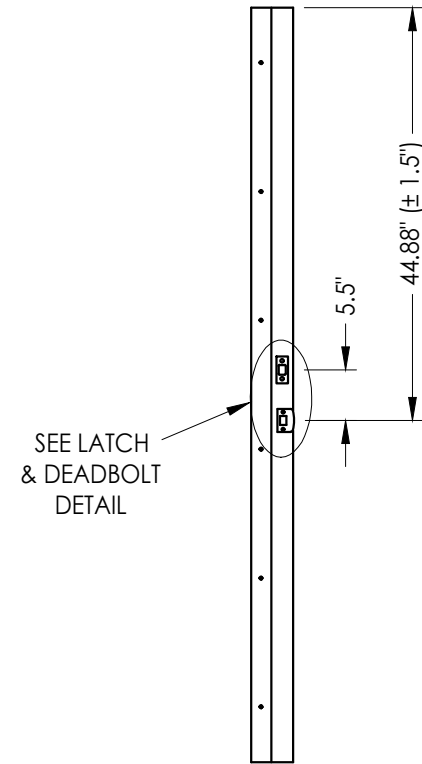


LATCH & DEADBOLT DETAIL
Kwikset

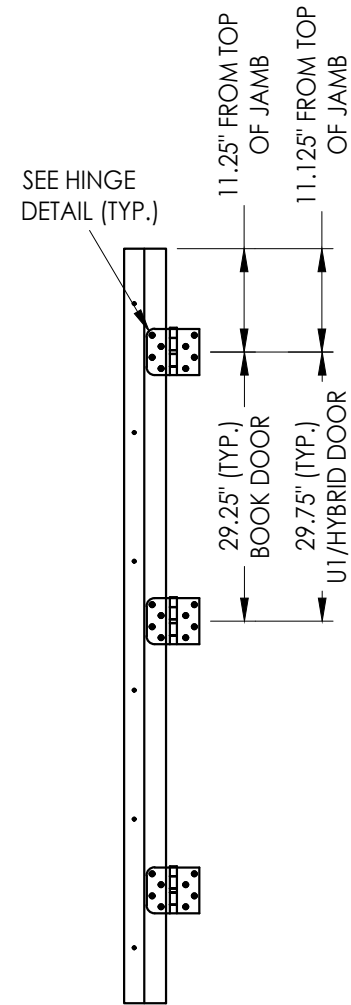


LATCH & DEADBOLT DETAIL
Schlage

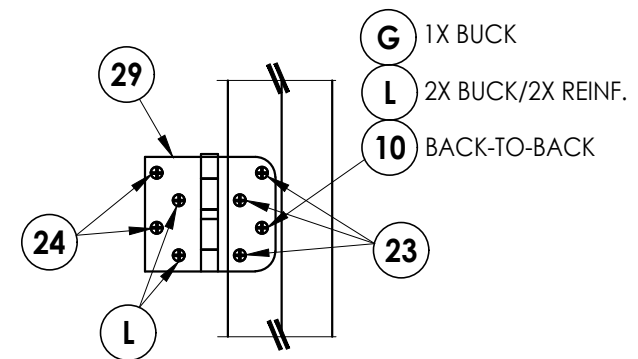
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

[illegible]

DATE:	12/10/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-35436.13
SHEET	10 OF 11

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

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