



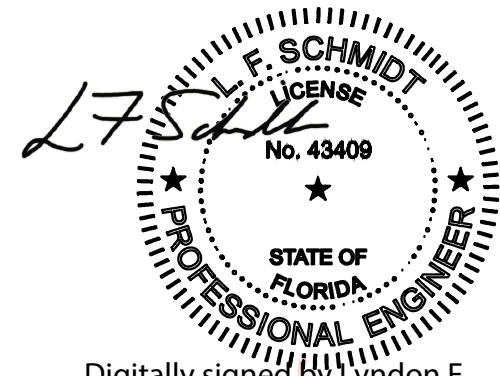
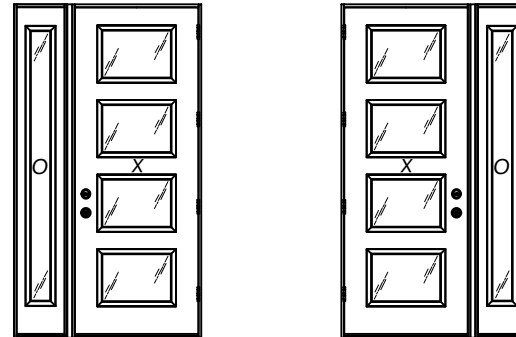
Fiber-Classic® & Smooth-Star®

**WOOD OR COMPOSITE EDGE
MULTI-LITE GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"**

GENERAL NOTES

1. This product evaluation drawing has been developed in compliance with the 9th Edition (2026) Florida Building Code (FBC) including 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 the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for the "HVHZ".
8. Outswing configurations using Coastal Sill (item #36) under active doors meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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6	Horizontal & Vertical Cross Sections (1X Buck)	13	Bill of Materials & Components
7	Horizontal & Vertical Cross Sections (Direct to Masonry)		

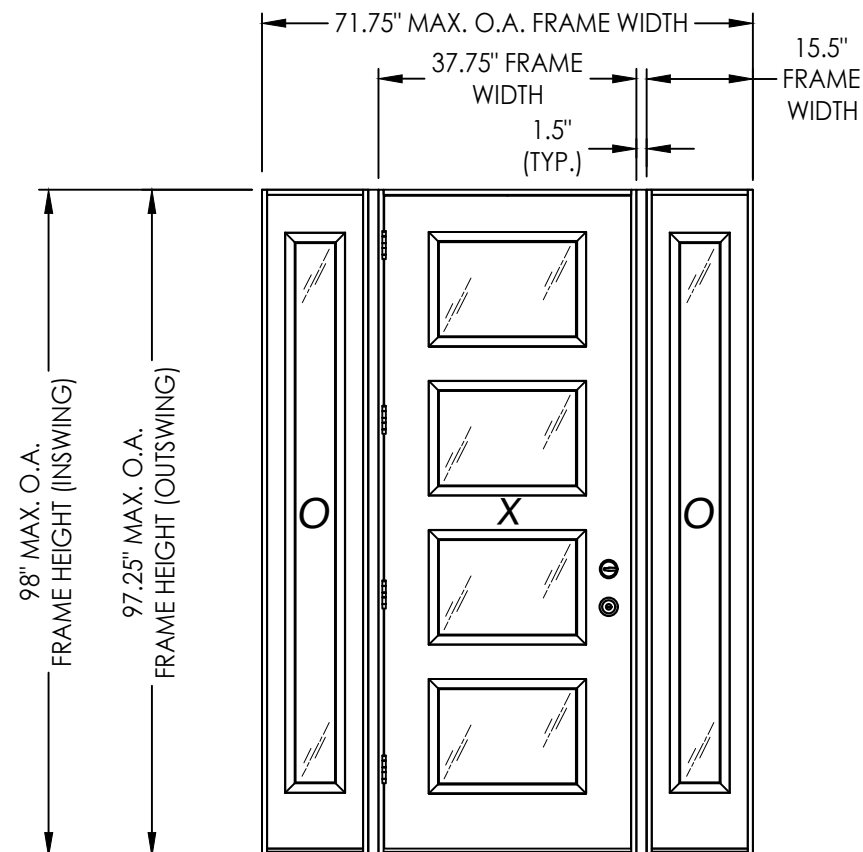


Digitally signed by Lyndon F
Schmidt
Date: 2026.08.10 09:37:51 -04'00'

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.

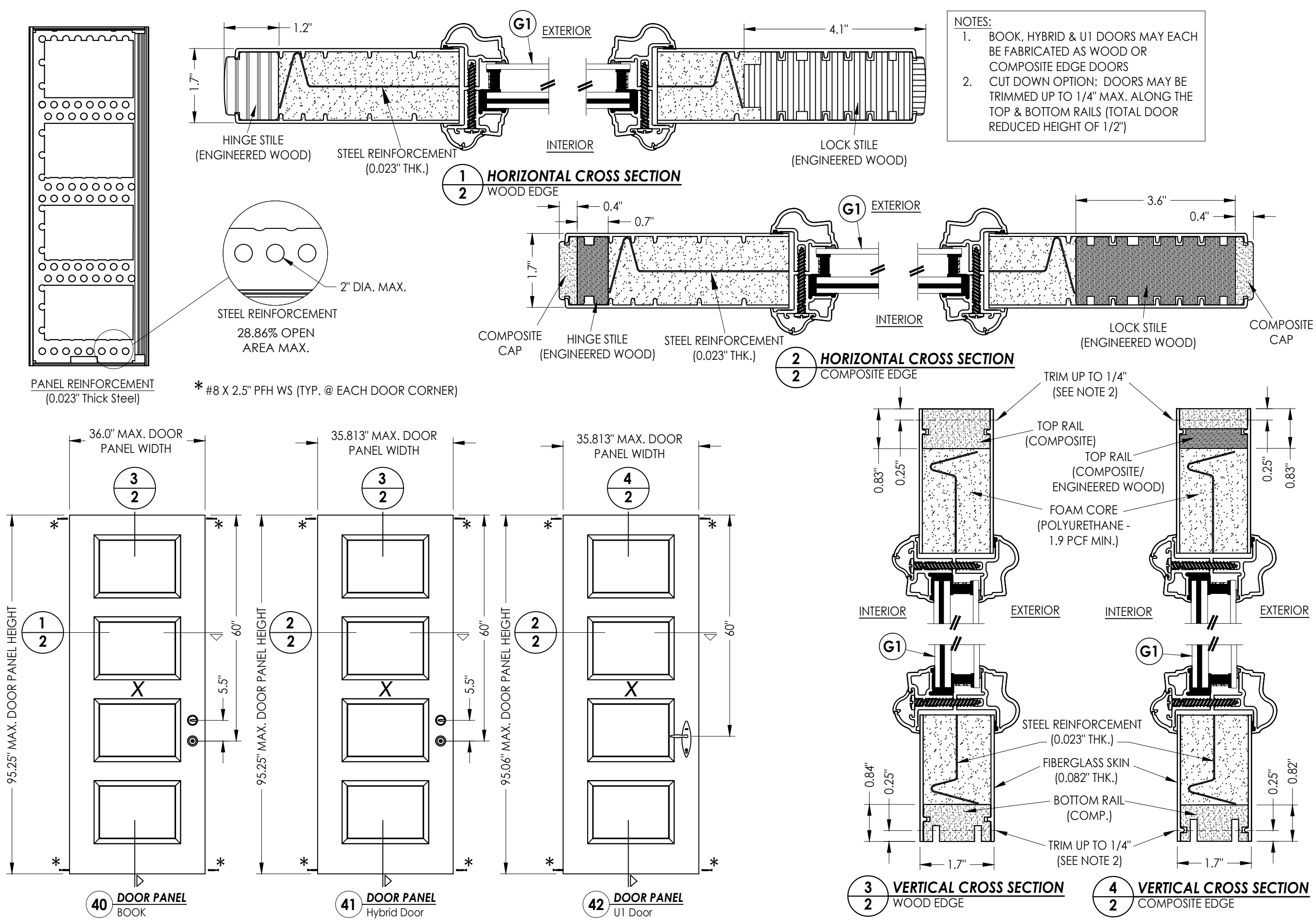
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO, OXO	Latch & Deadbolt	+50.0	-55.0	+55.0	-55.0
OX, XO, OXO	Multi-point	+55.0	-55.0	+55.0	-55.0

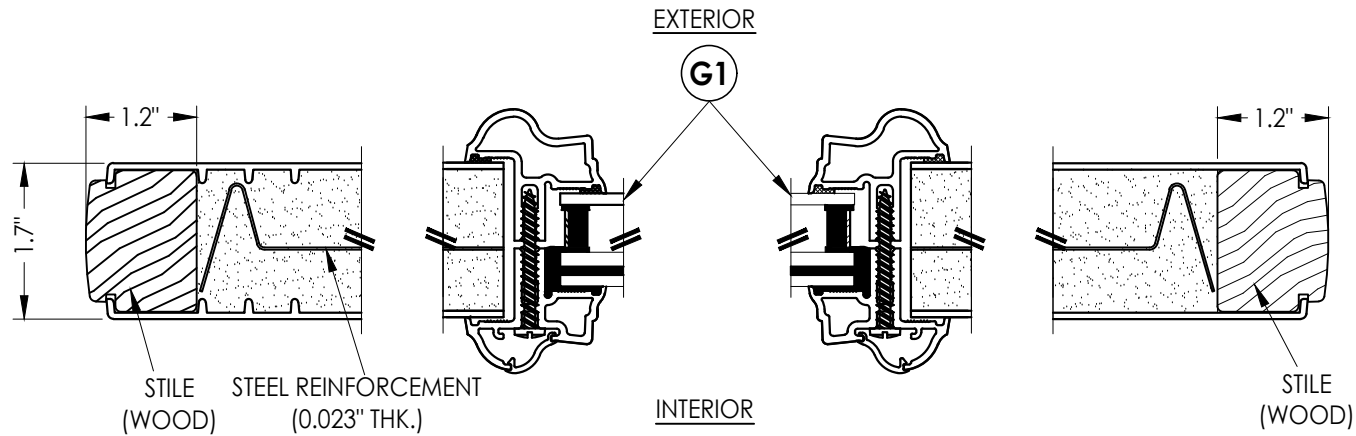
DATE: 5/19/20		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		THERMA-TRU		Lyndon F. Schmidt	
DWG. BY: RW		FIBERGLASS DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DRAWING NO.: FL-30482.8		TYPICAL ELEVATION, DESIGN			
SHEET 1 OF 13		PRESSURES & GENERAL NOTES			
NO.		DATE		REVISIONS	
4		7/01/26		UPDATE TO 9TH ED. (2026) FBC	
3		6/16/25		REVISE DIRECT TO MASONRY INST. LFS	
2		7/27/23		UPDATE TO 8TH ED. (2023) FBC	
1		7/23/20		UPDATE TO 7TH ED (2020) FBC	
BY					

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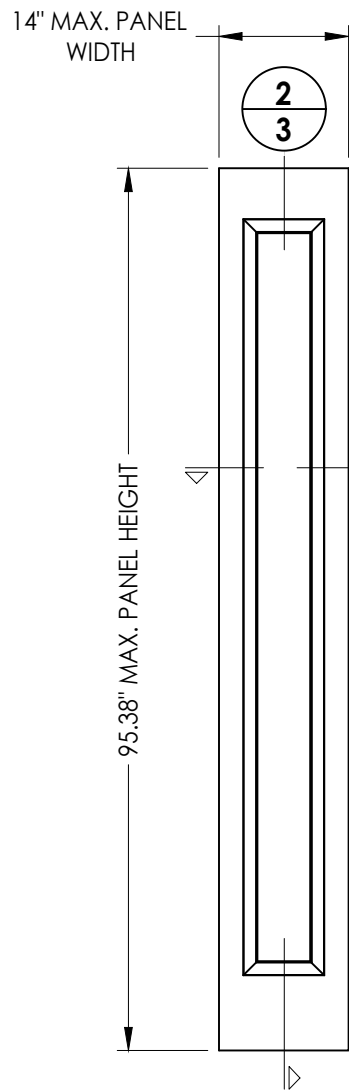


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	6/16/25	REVISE DIRECT TO MASONRY INST.	LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC	LFS
NO.	DATE		BY
REVISIONS			
DATE: 5/19/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30482.8			
SHEET 2 OF 13			

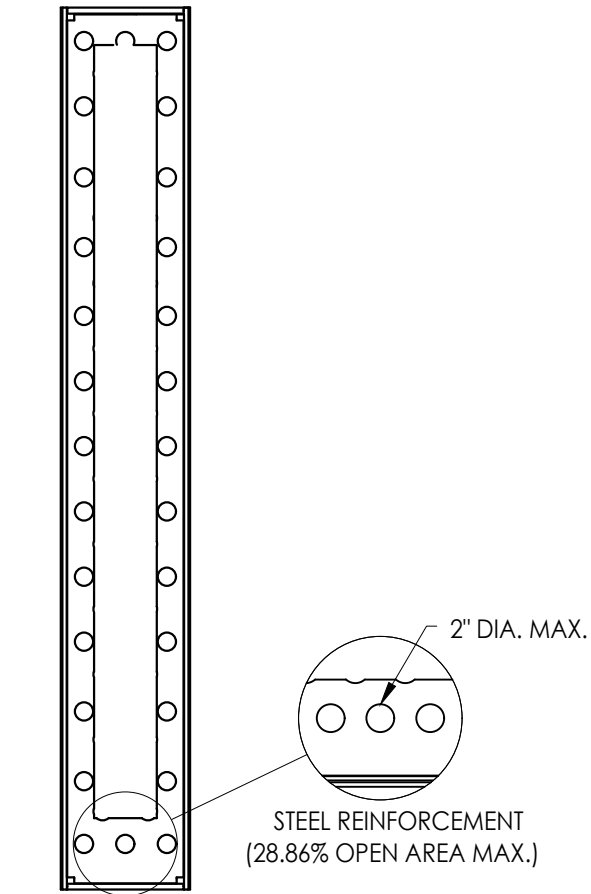
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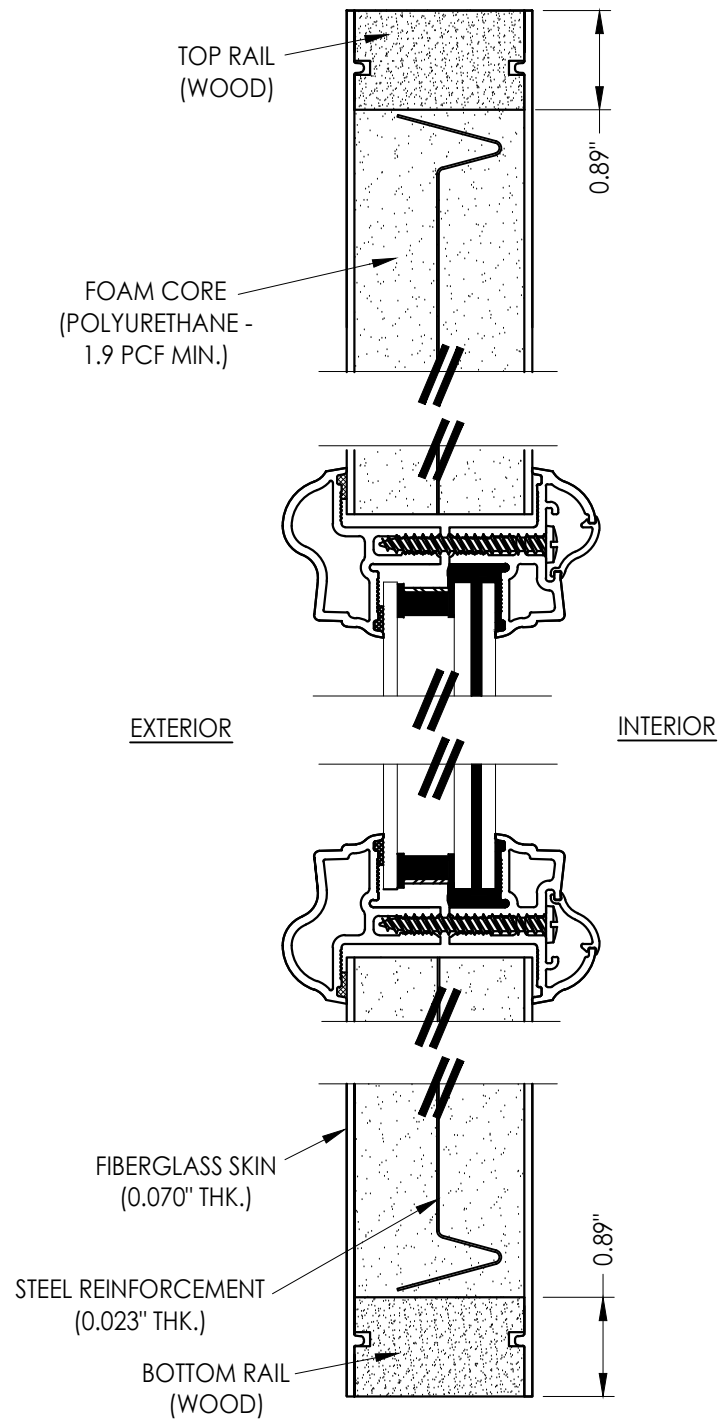
1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL



PANEL REINFORCEMENT
(0.023" Thick Steel)



2
3 VERTICAL CROSS SECTION

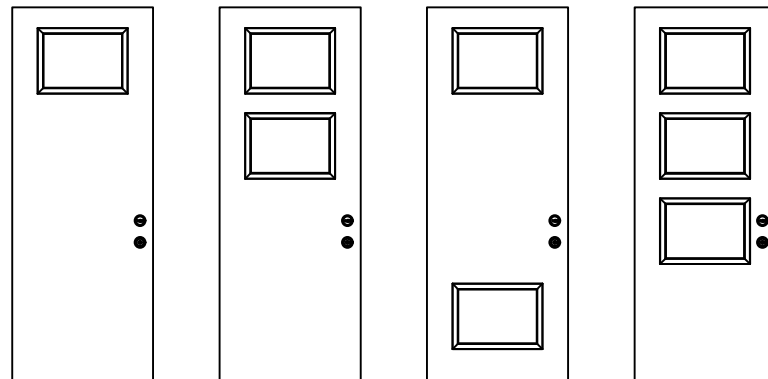
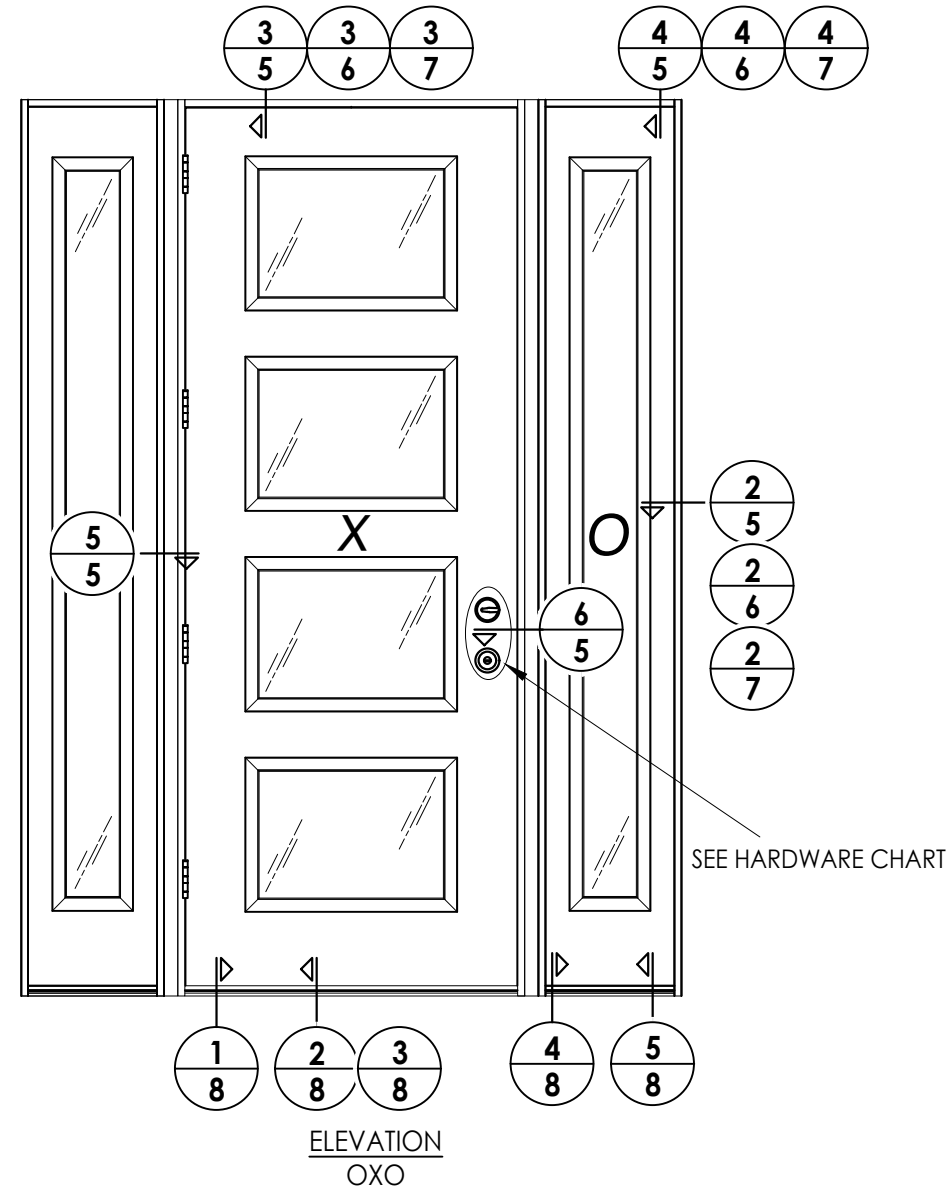
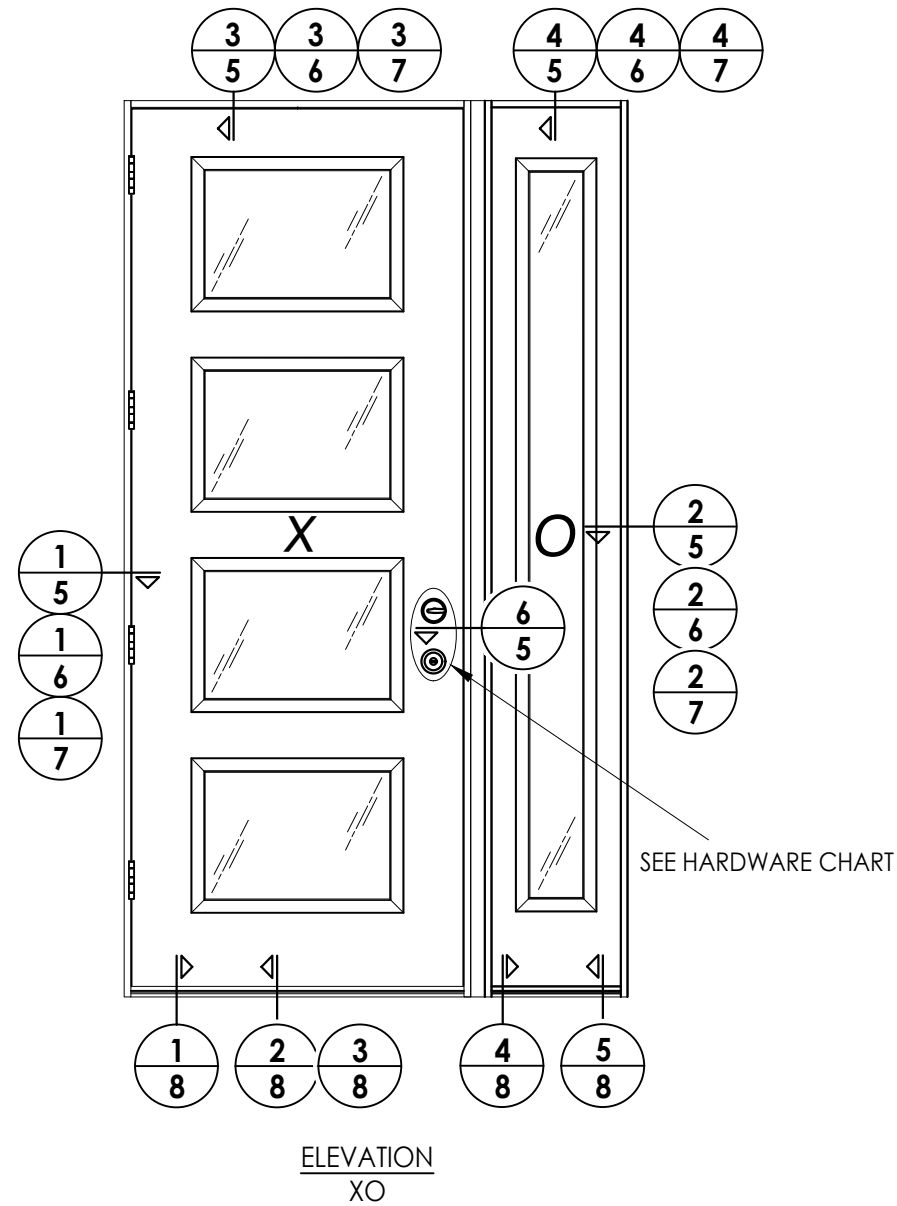
REVISIONS	
NO.	DATE
4	7/01/26
3	6/16/25
2	7/27/23
1	7/23/20

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SCALE: N.T.S.
DWG. BY: RW
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SHEET 3 OF 13

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

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


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HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F51 DEADBOLT: B60
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTI-POINT : MPDGART (3 pt. Manual Tongue)

[illegible]

DATE: 5/19/20

SCALE: N.T.S.

DWG. BY: *RW*

CHK. BY: LFS

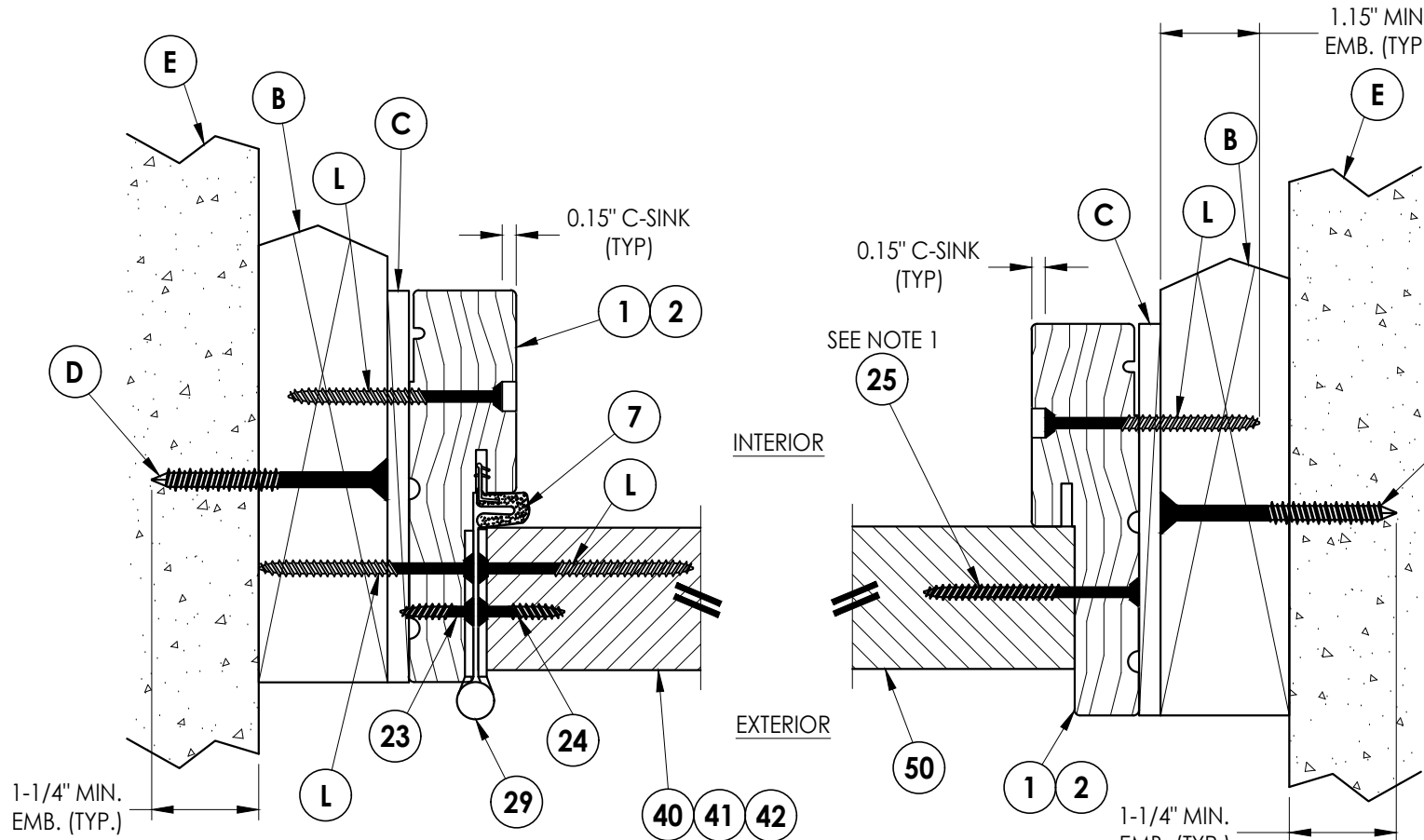
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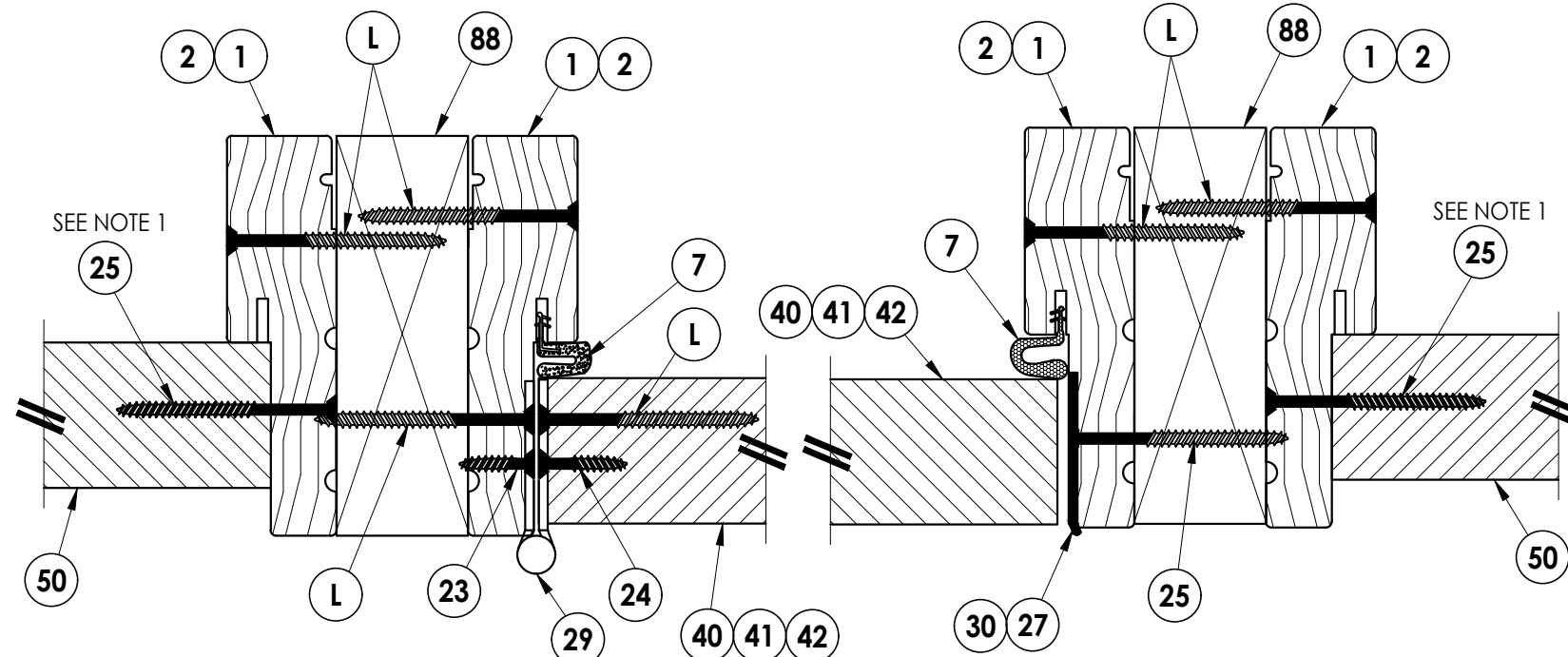
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1 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

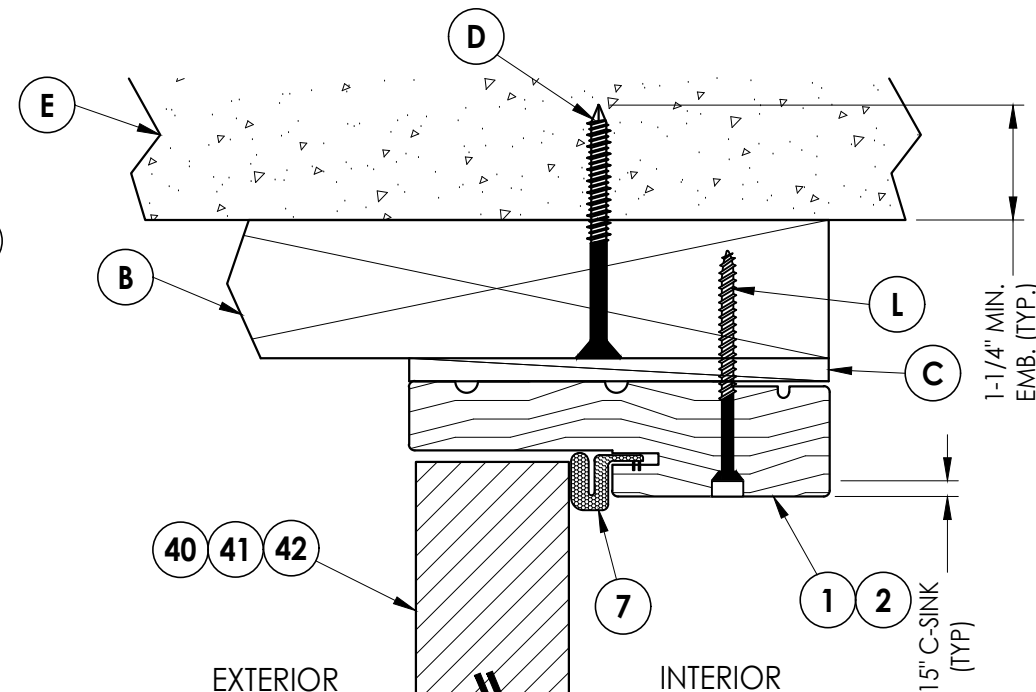
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



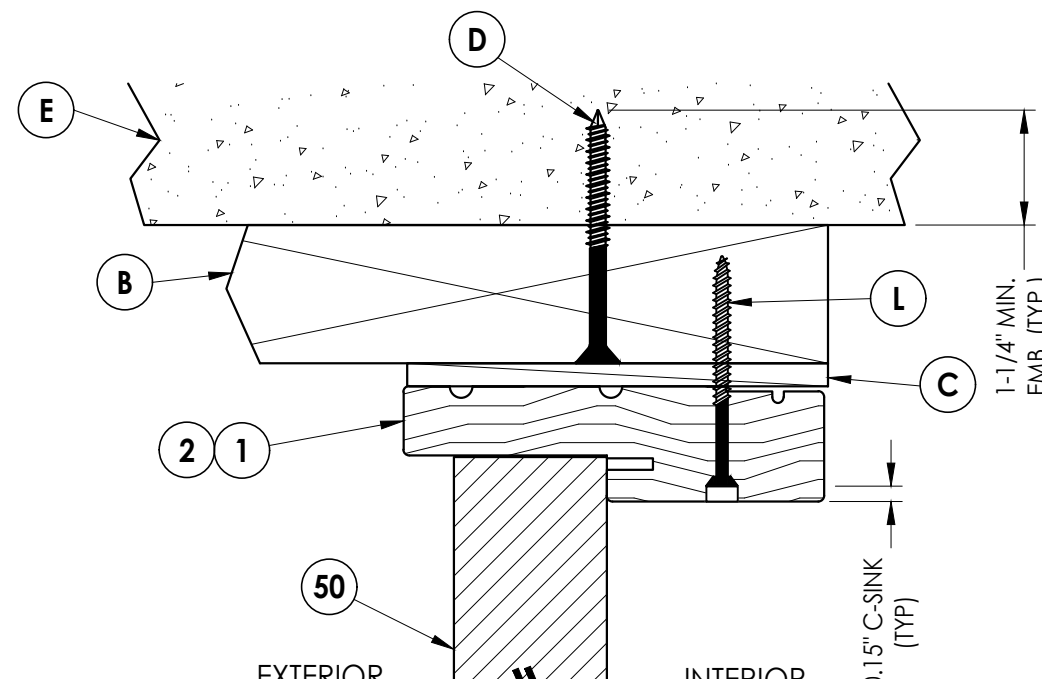
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

Notes:
1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).



3 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

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P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

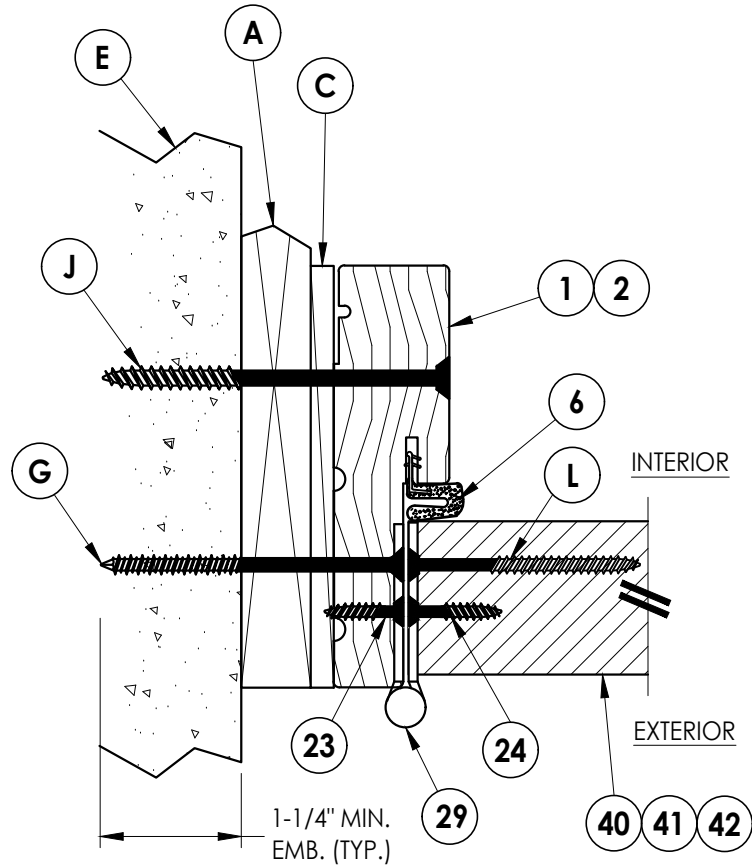
NO.	DATE	REVISIONS
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC
3	6/16/25	REVISE DIRECT TO MASONRY INST.
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 5/19/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30482.8
SHEET 5 OF 13

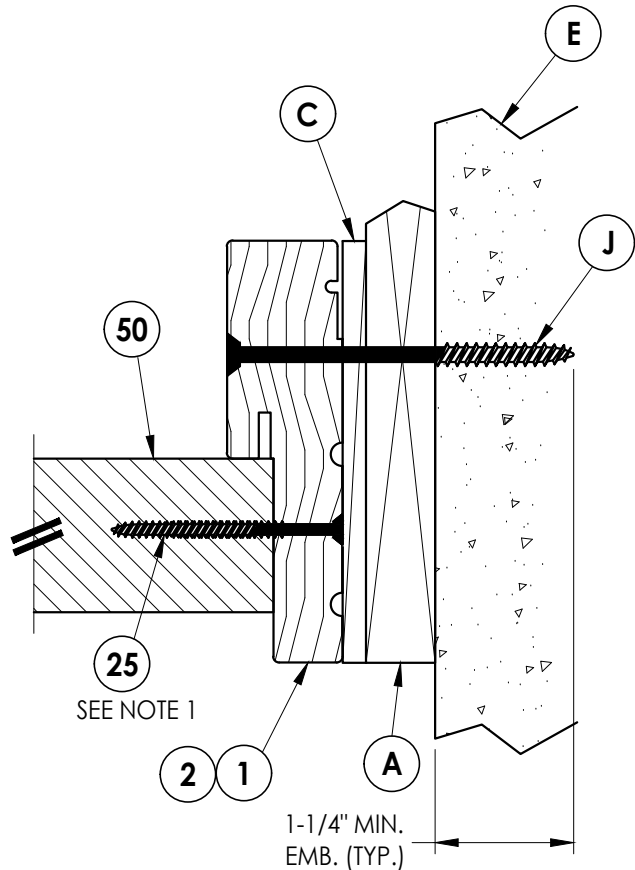
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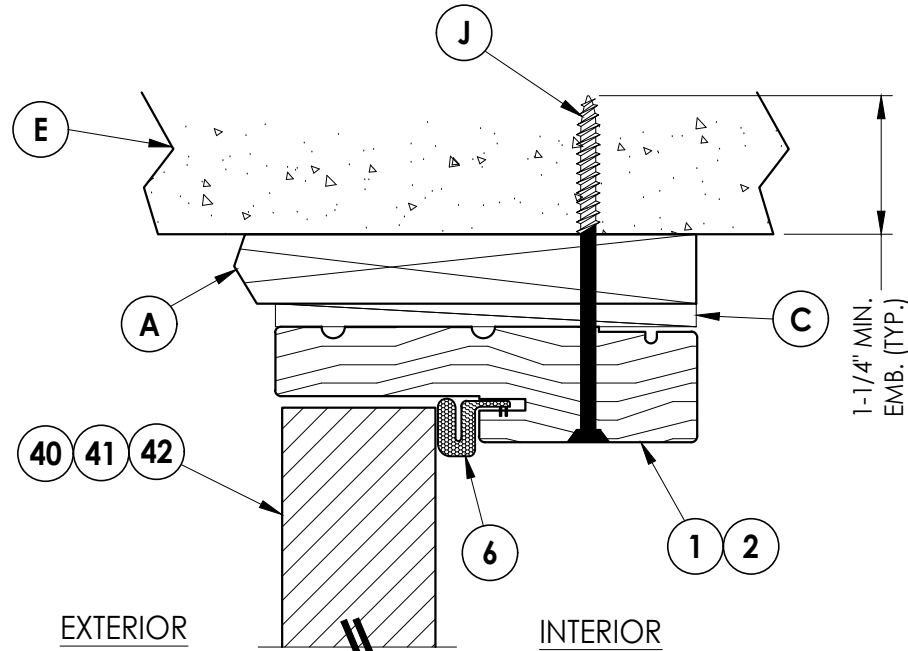
Notes:
1. Sidelite assembly screws located 6" from each end and 4 more screws
equally spaced between (6 screws total per side jamb).



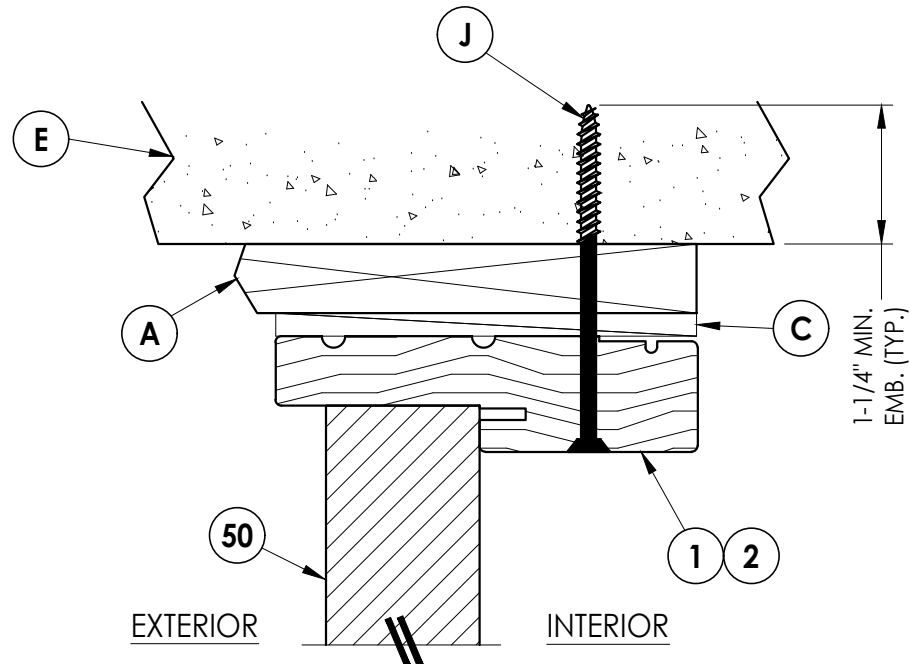
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

Documents Prepared By:
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PRODUCT: **THERMA-TRU
FIBERGLASS DOOR**

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)**

NO.	DATE	REVISIONS			
		BY	LFS	FBC	LFS
4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	6/16/25	REVISE DIRECT TO MASONRY INST.	LFS		
2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	

DATE: 5/19/20

SCALE: N.T.S.

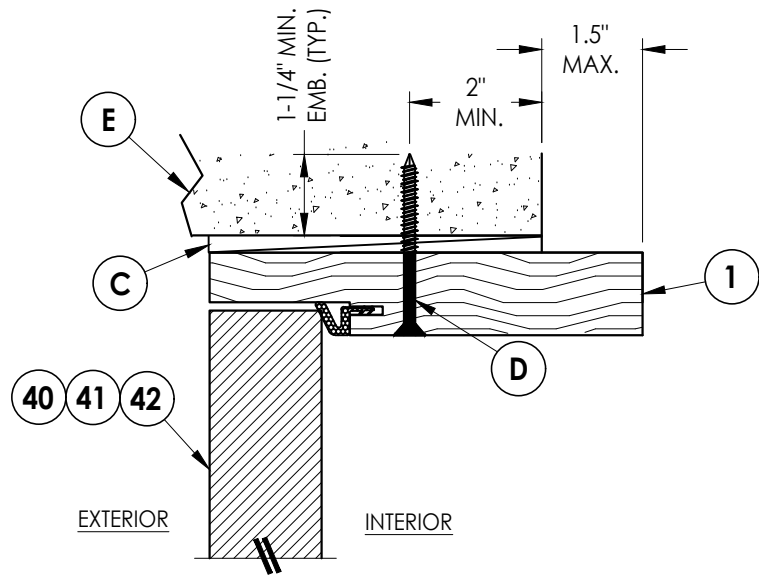
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CHK. BY: LFS

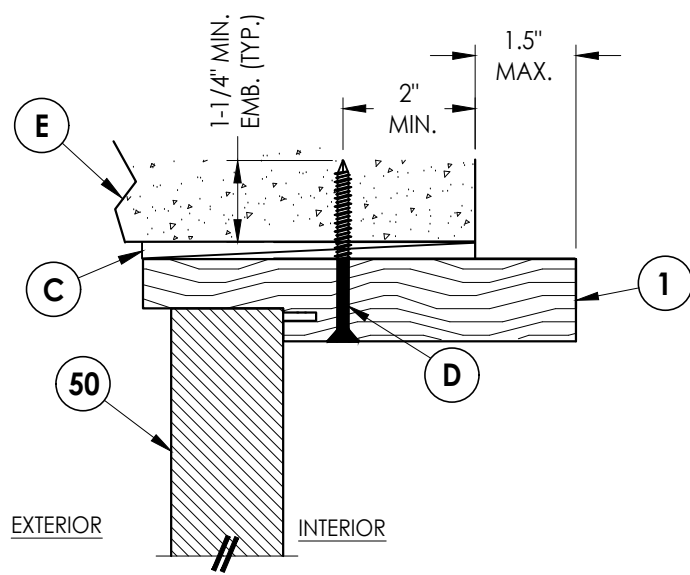
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FL-30482.8

SHEET 6 OF 13

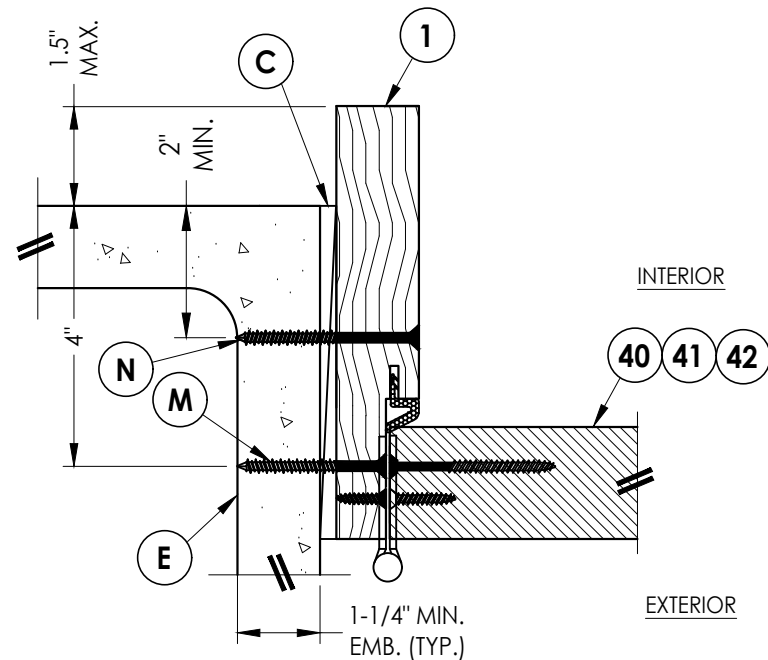


3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

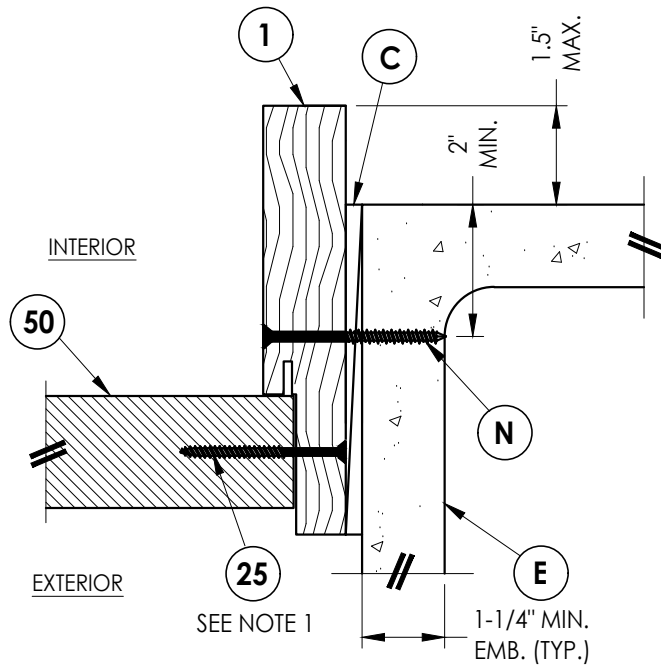


4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Note:
1. Sidelite assembly screws located 6" from each end plus 4 more
equally spaced between (6 screws total per side jamb).



1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Documents Prepared By:
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P.E. No. 43409

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PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	BY
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	6/16/25	REVISE DIRECT TO MASONRY INST.	LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 8/02/16

SCALE: N.T.S.

DWG. BY: RW

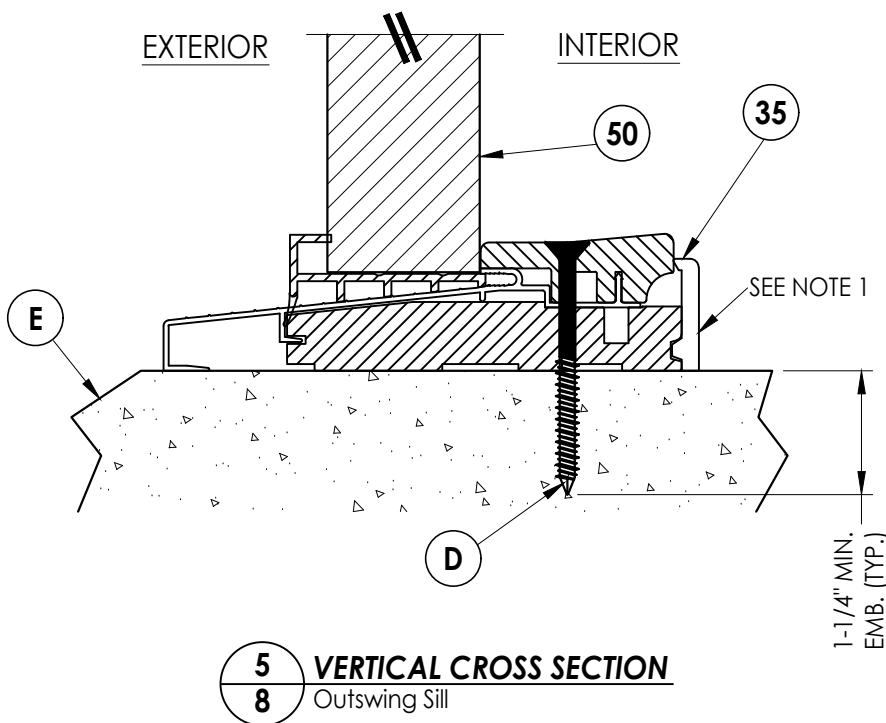
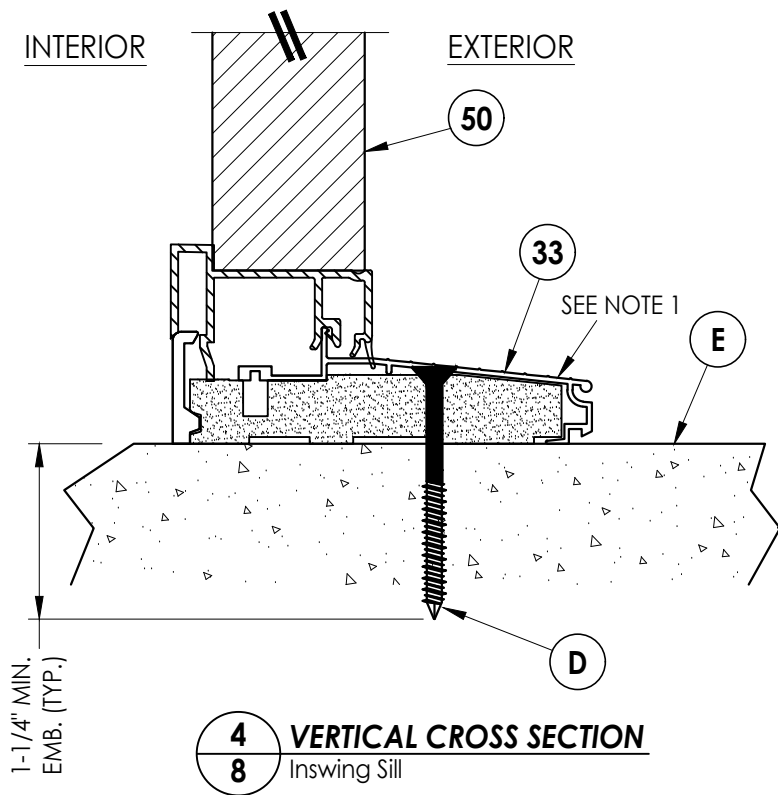
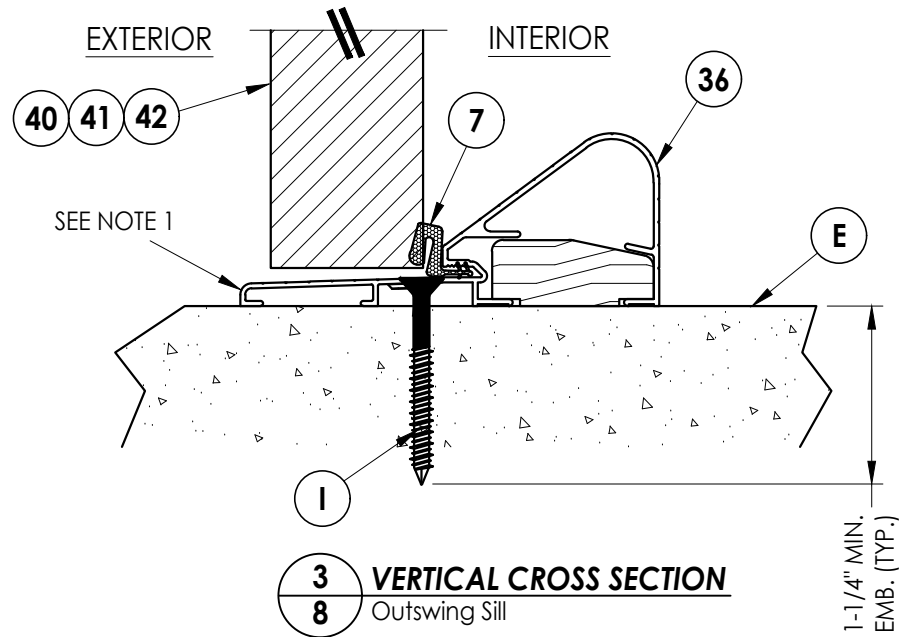
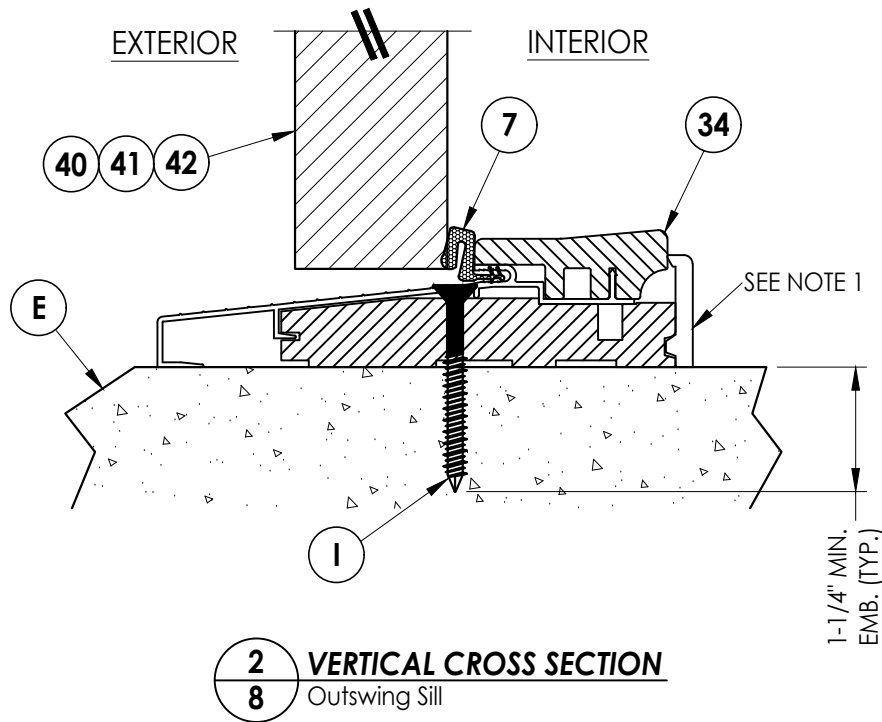
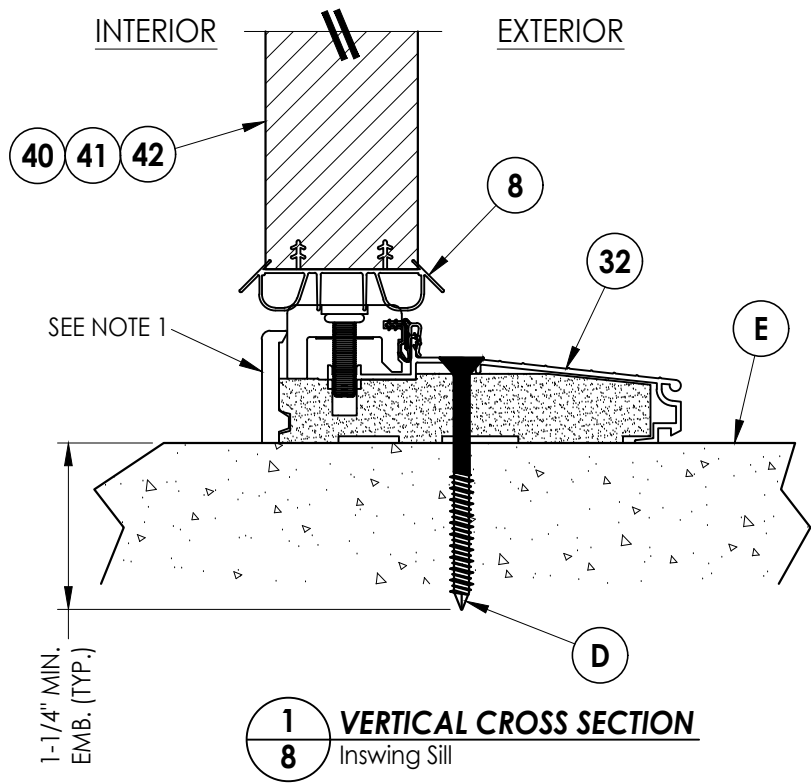
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DRAWING NO.:
FL-30482.8

SHEET 7 OF 13

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Note:
1. Sill Item #'s 32, 33, 34 & 35 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 36 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.



Documents Prepared By:
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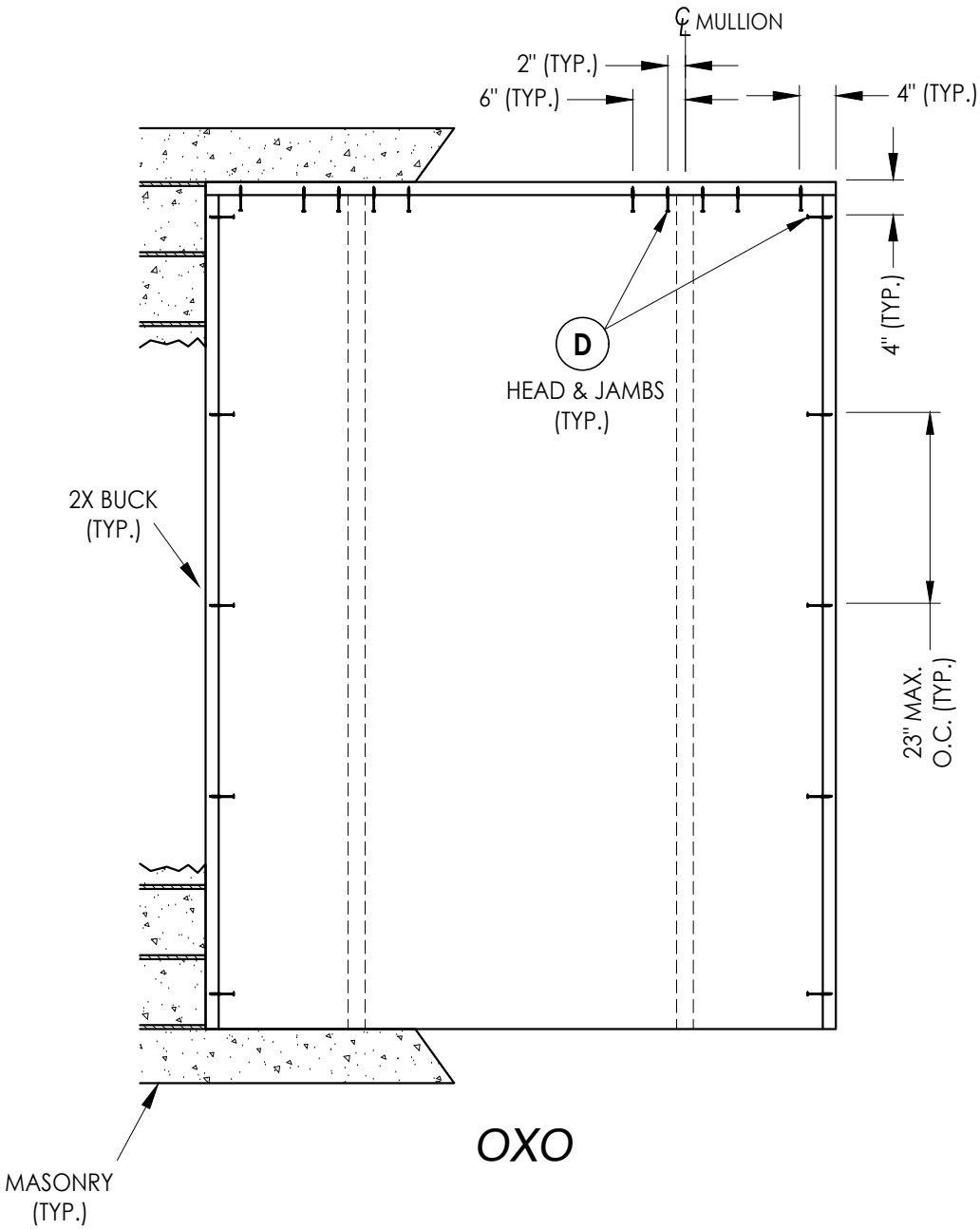
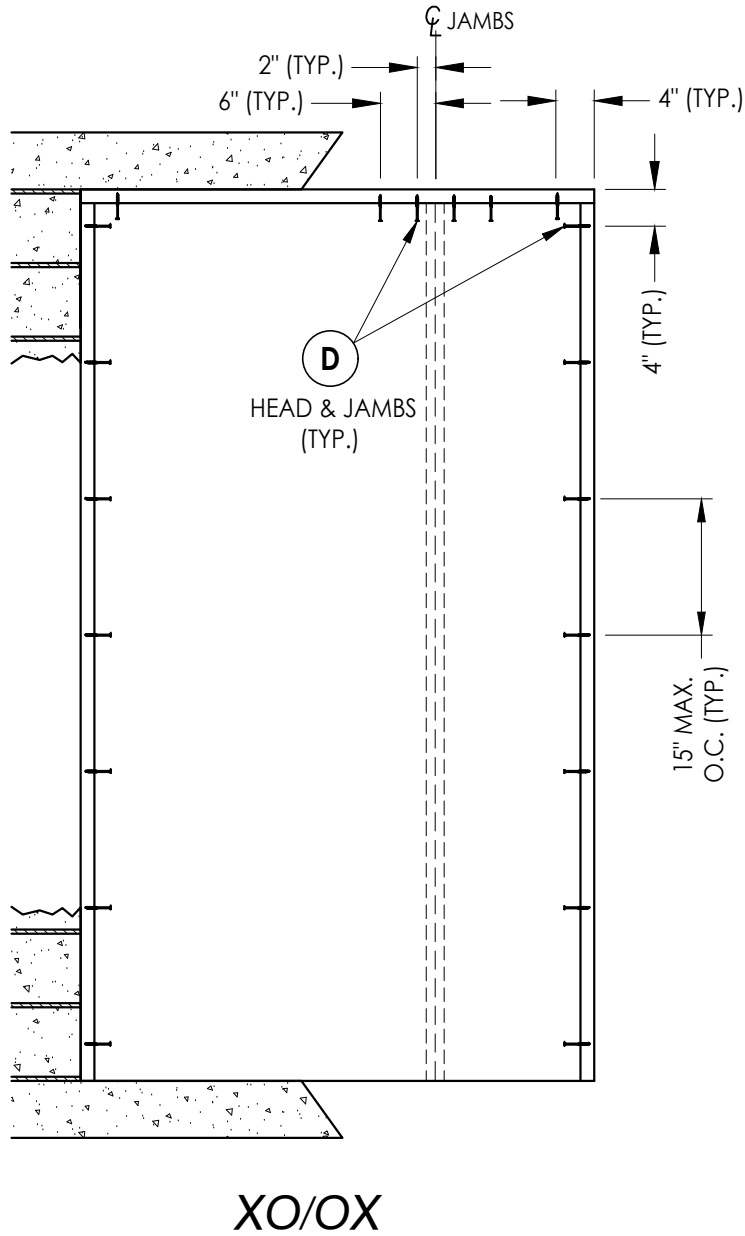
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC
3	6/16/25	REVISE DIRECT TO MASONRY INST. LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED (2020) FBC

DATE: 5/19/20
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FL-30482.8
SHEET 8 OF 13

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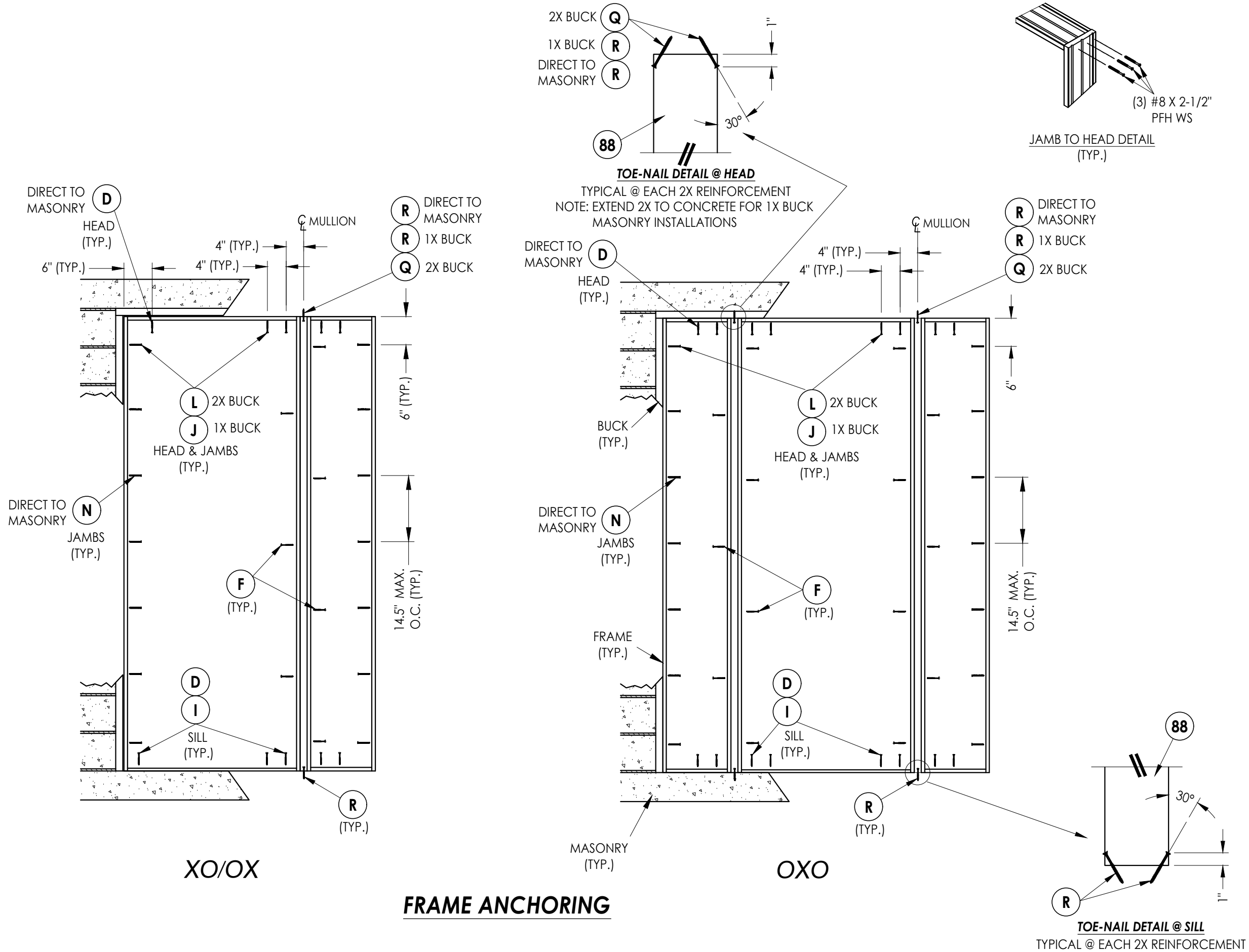
2X BUCK ANCHORING

DATE: 5/19/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-30482.8	
SHEET 9 OF 13	

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

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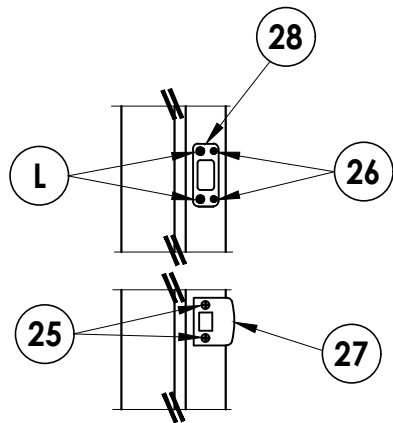


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P.E. No. 43409

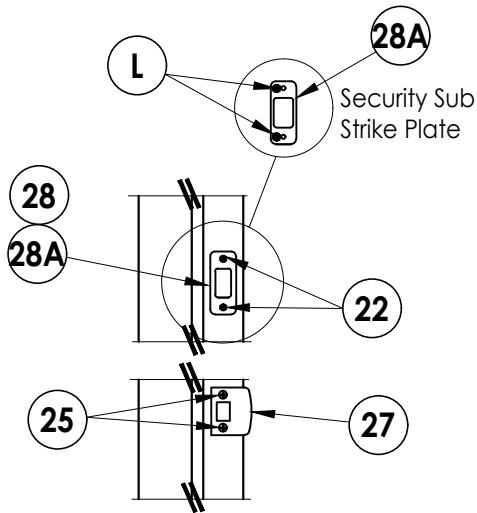
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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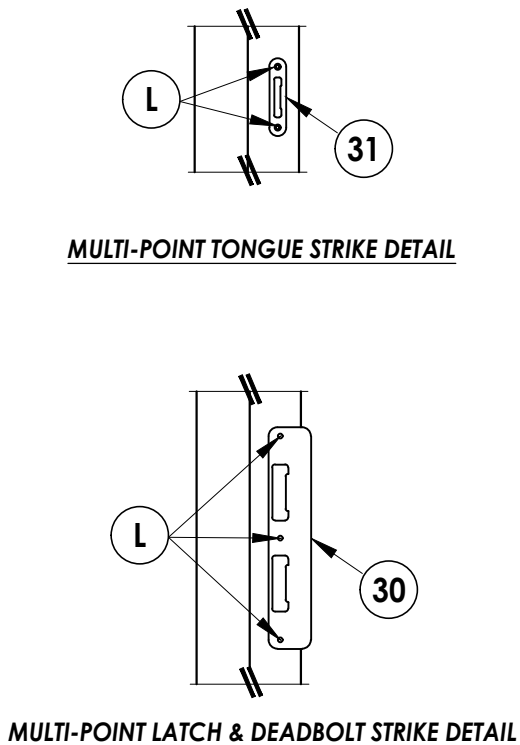
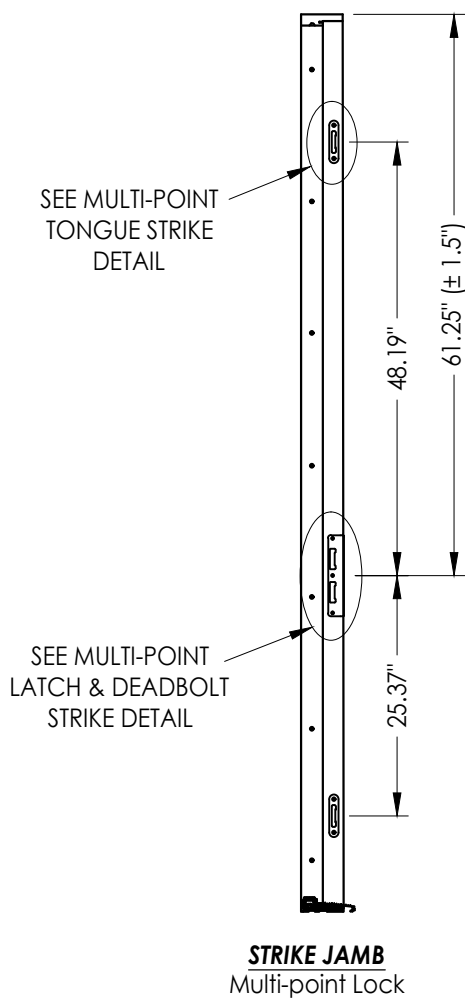
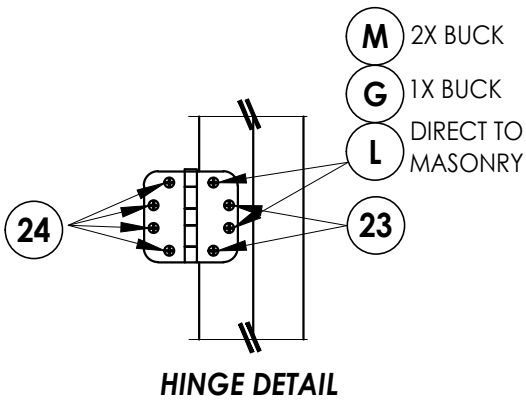
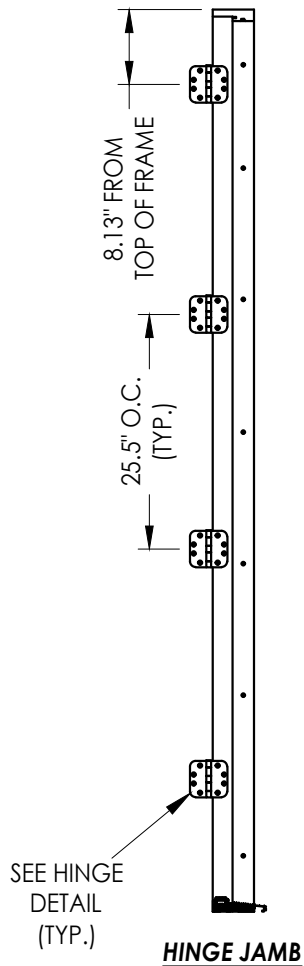
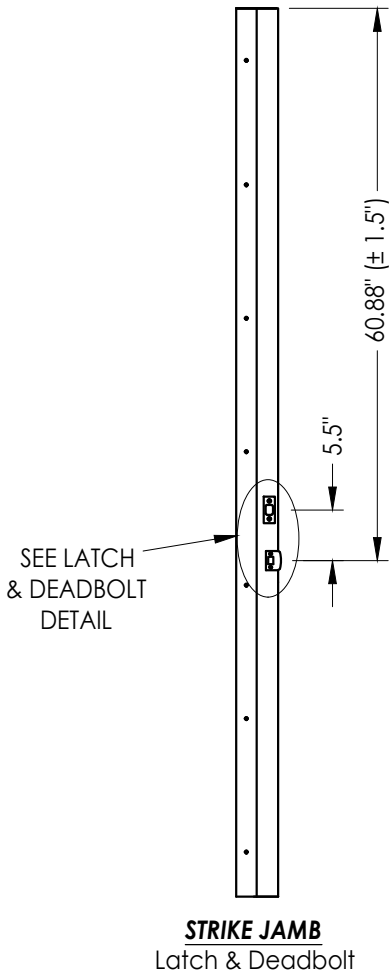
PART OR ASSEMBLY:
FRAME ANCHORING



LATCH & DEADBOLT DETAIL
Kwikset



LATCH & DEADBOLT DETAIL
Schlage



MULTI-POINT LOCK STRIKE DETAILS

LATCH & DEADBOLT STRIKE DETAILS

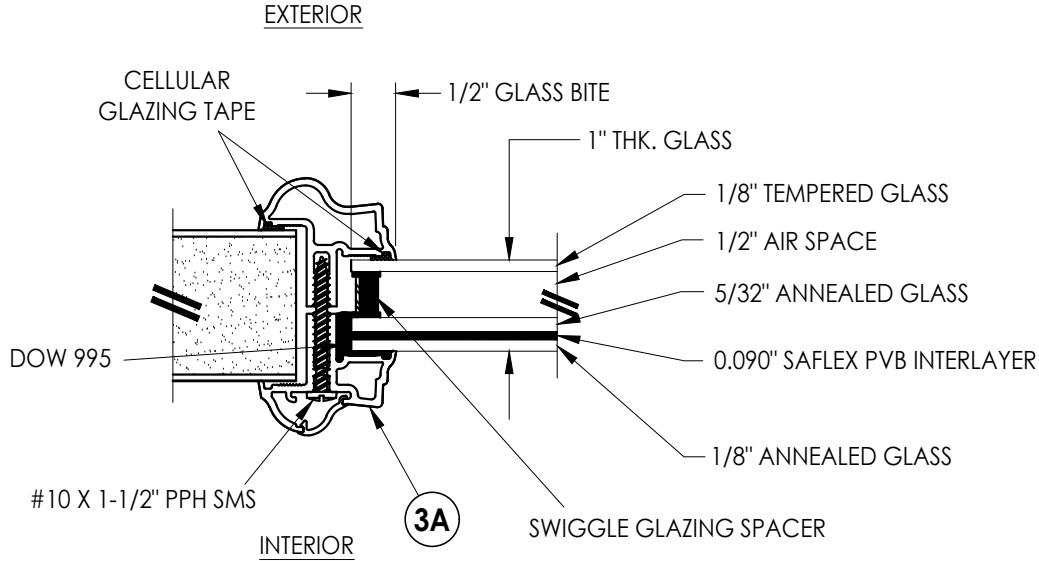
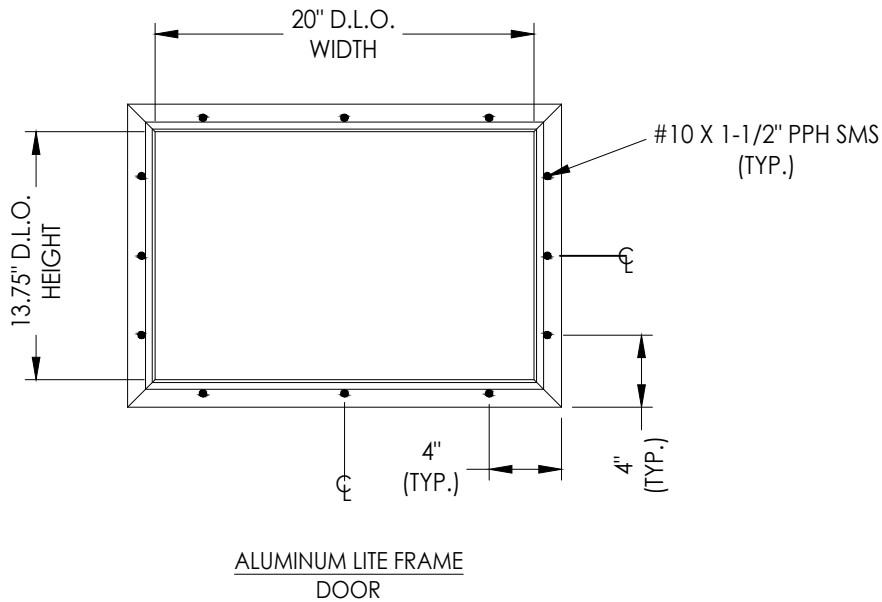
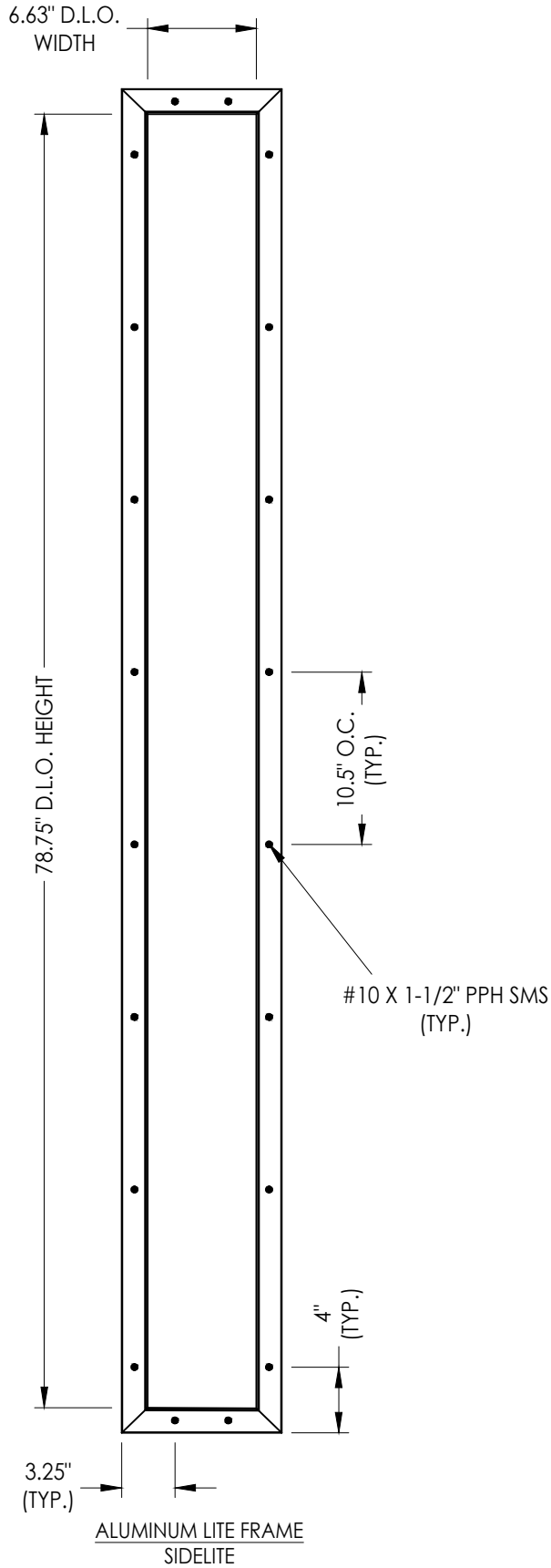
NO	DATE	REVISIONS
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3	6/16/25	REVISE DIRECT TO MASONRY INST. LFS
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DATE:	5/19/20
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CHK. BY:	LFS
DRAWING NO.:	FL-30482.8
SHEET	11 OF 13

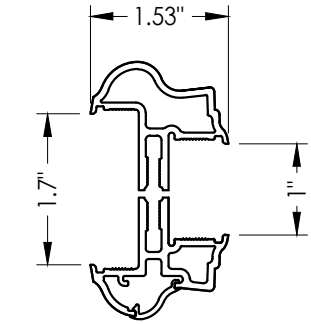
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

Documents Prepared By:
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G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites

DATE: 5/19/20	
SCALE: N.T.S.	
DWG. BY: RW	
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DRAWING NO.: FL-30482.8	
SHEET 12	OF 13

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

NO.	DATE	REVISIONS
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC
3	6/16/25	REVISE DIRECT TO MASONRY INST. LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED (2020) FBC

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