

THERMA-TRU[®]
DOORS

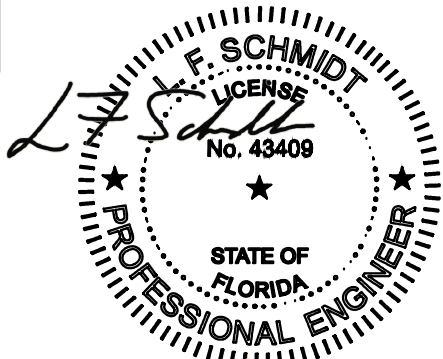
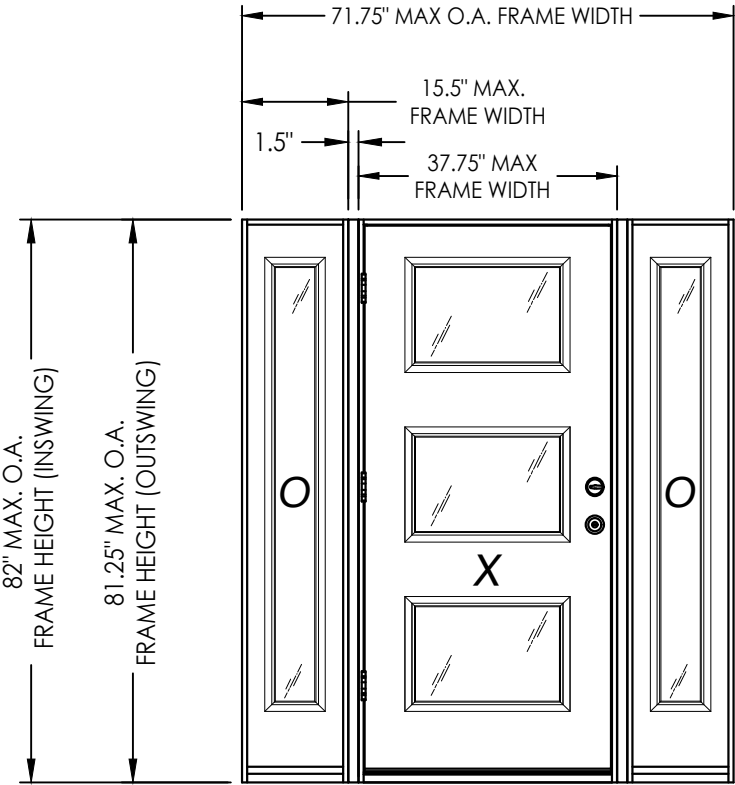
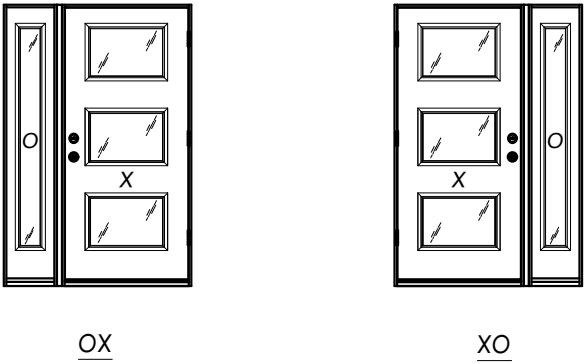
Fiber-Classic[®] & Smooth-Star[®]

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

GENERAL NOTES

1. This product 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 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 E1996.
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.

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7	Horizontal & Vertical Cross Sections (Direct to Masonry)		



Digitally signed by Lyndon F Schmidt
Date: 2026.08.10 09:40:29 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
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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	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	+60.0	-65.0	+60.0	-60.0

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

THERMA-TRU
FIBERGLASS DOOR

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

37/01/26 UPDATE TO 9TH ED. (2026) FBC

27/27/23 UPDATE TO 8TH ED. (2023) FBC

7/23/20 UPDATE TO 7TH ED (2020) FBC

NO. DATE

REVISIONS

DATE: 2/06/20

SCALE: N.T.S.

DWG. BY: RW

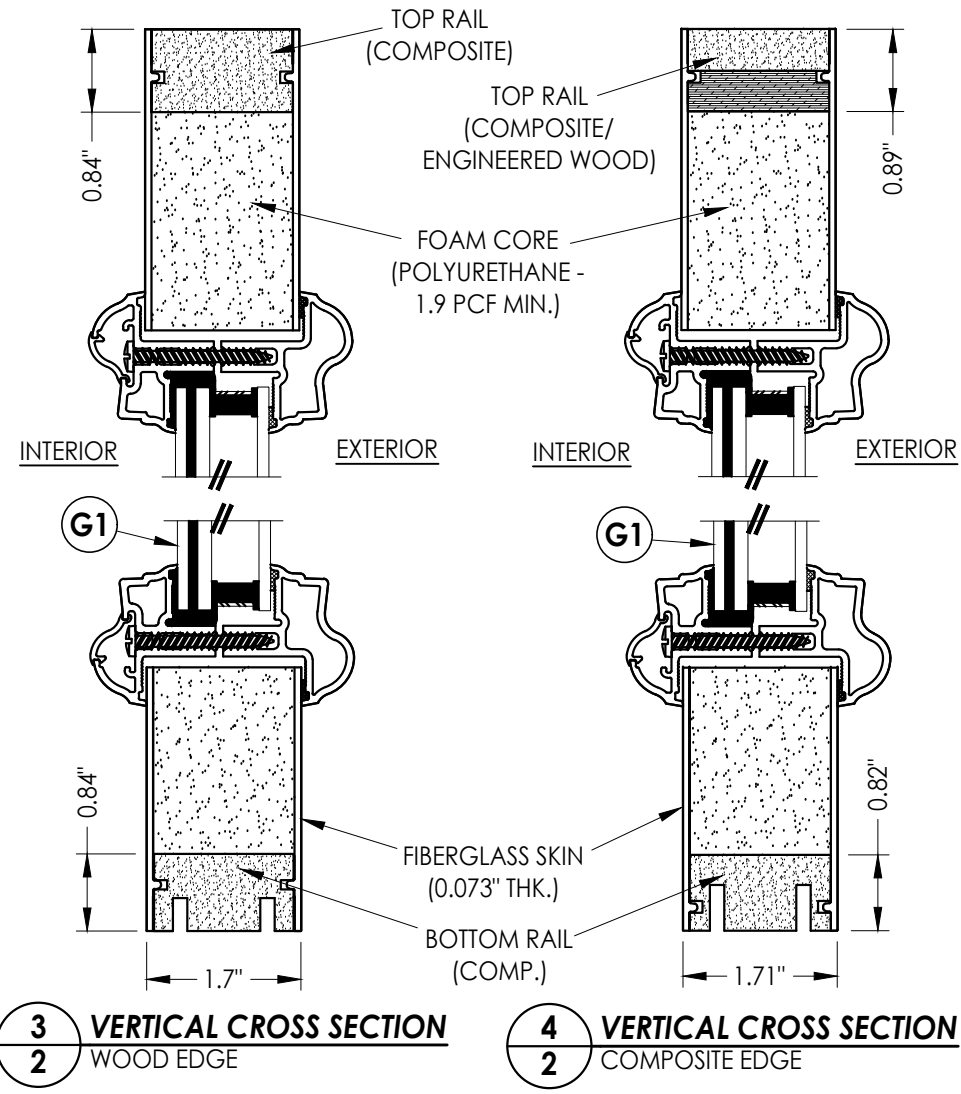
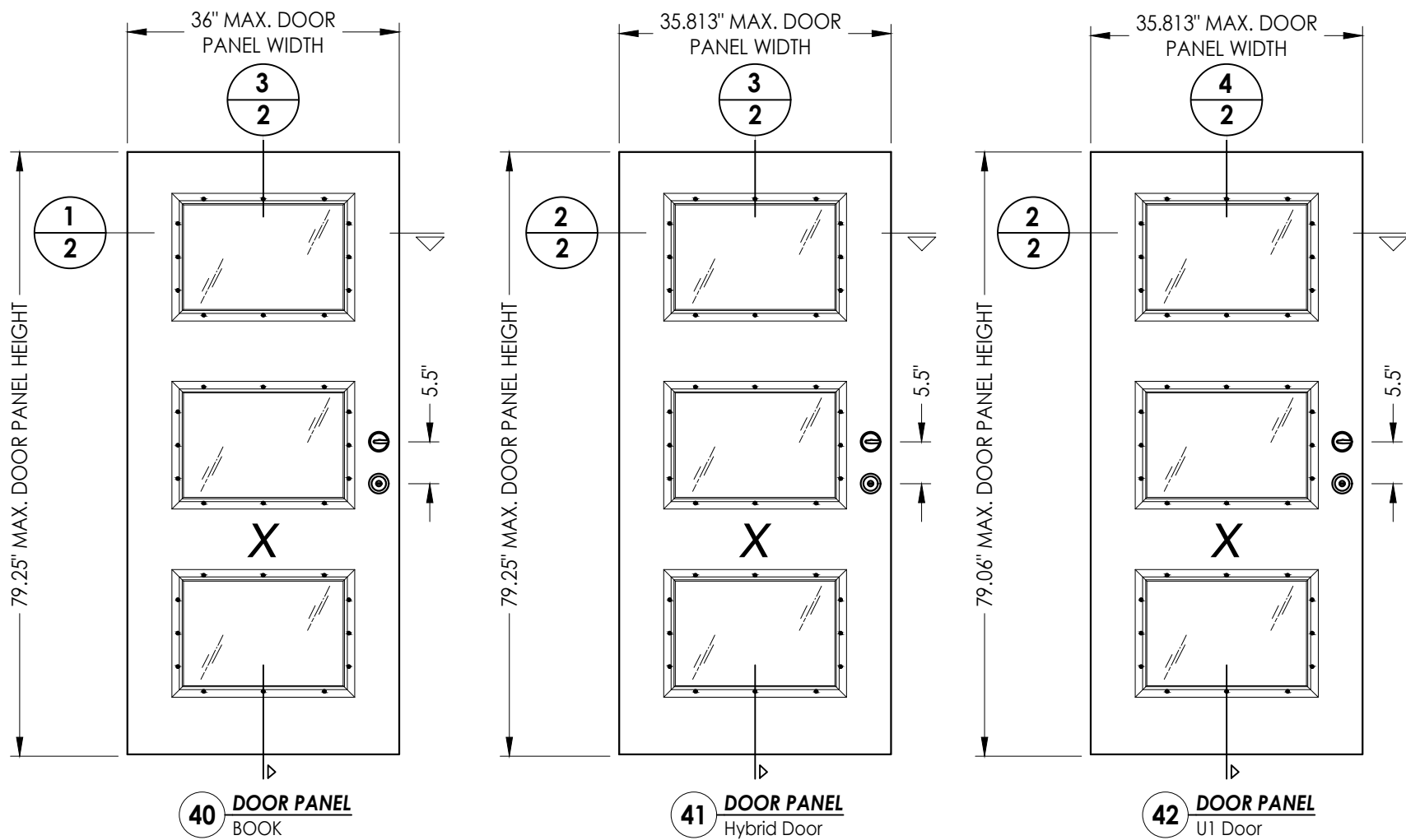
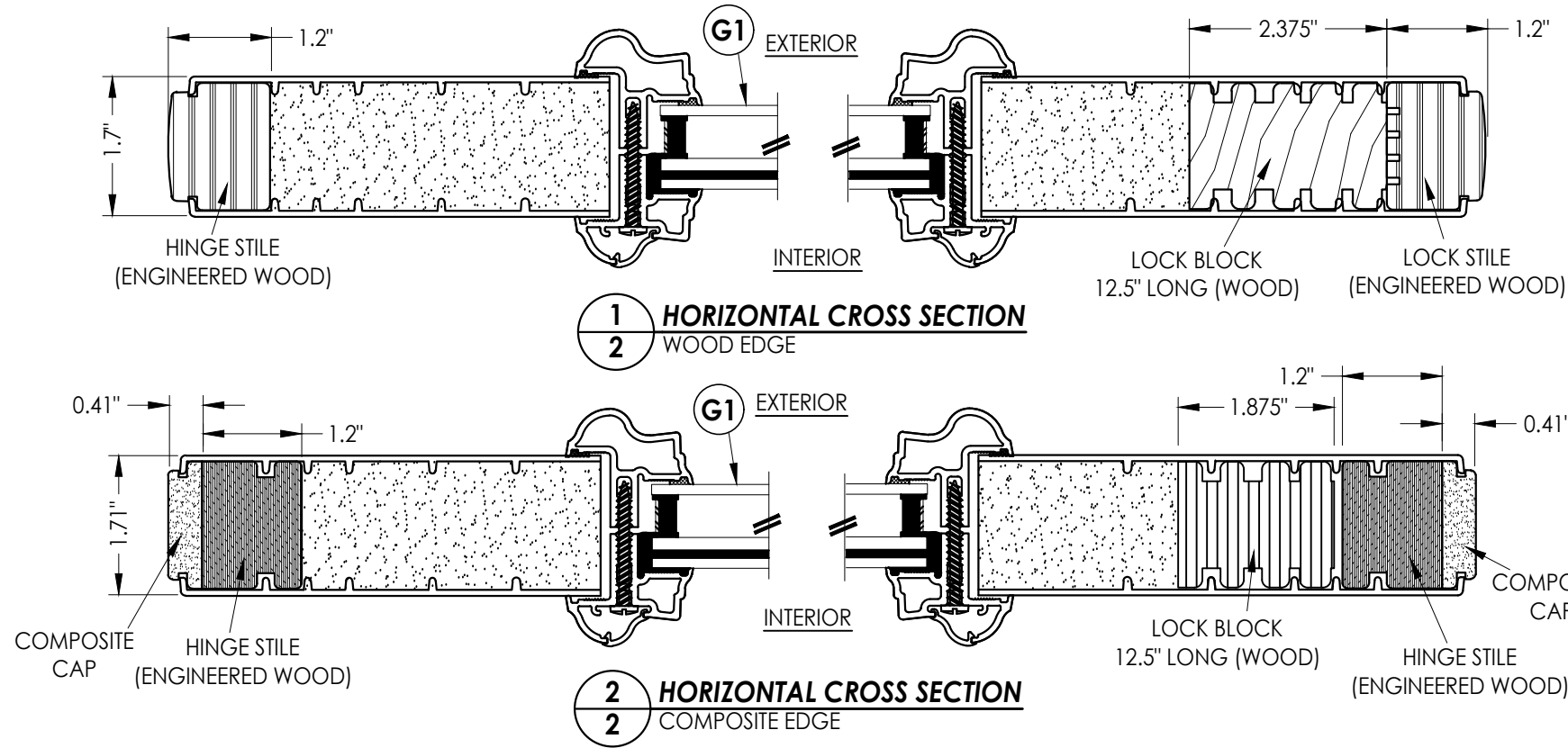
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DRAWING NO.:
FL-30482.5

SHEET 1 OF 13

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC
		BY

DATE: 2/06/20

SCALE: N.T.S.

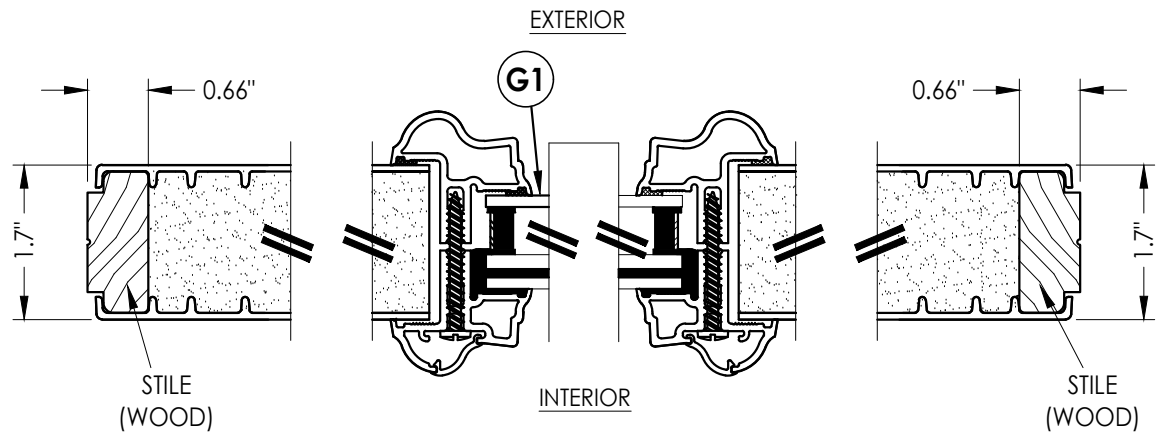
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CHK. BY: LFS

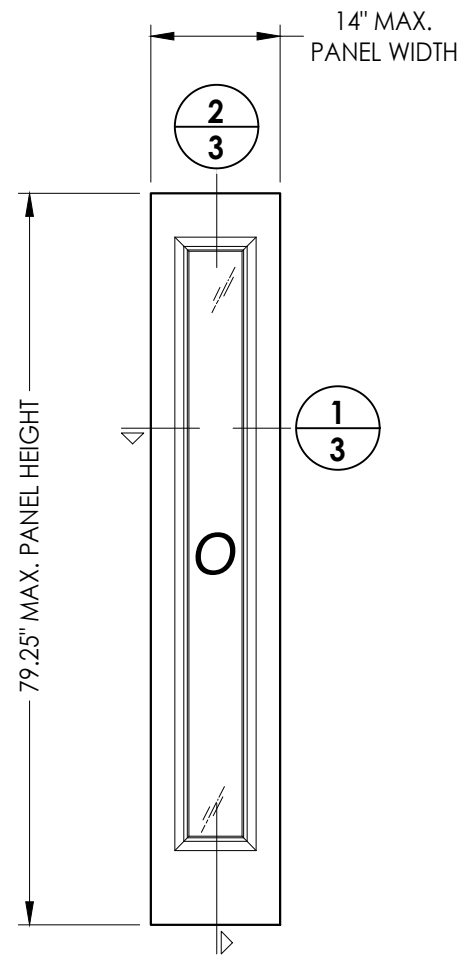
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SHEET 2 OF 13

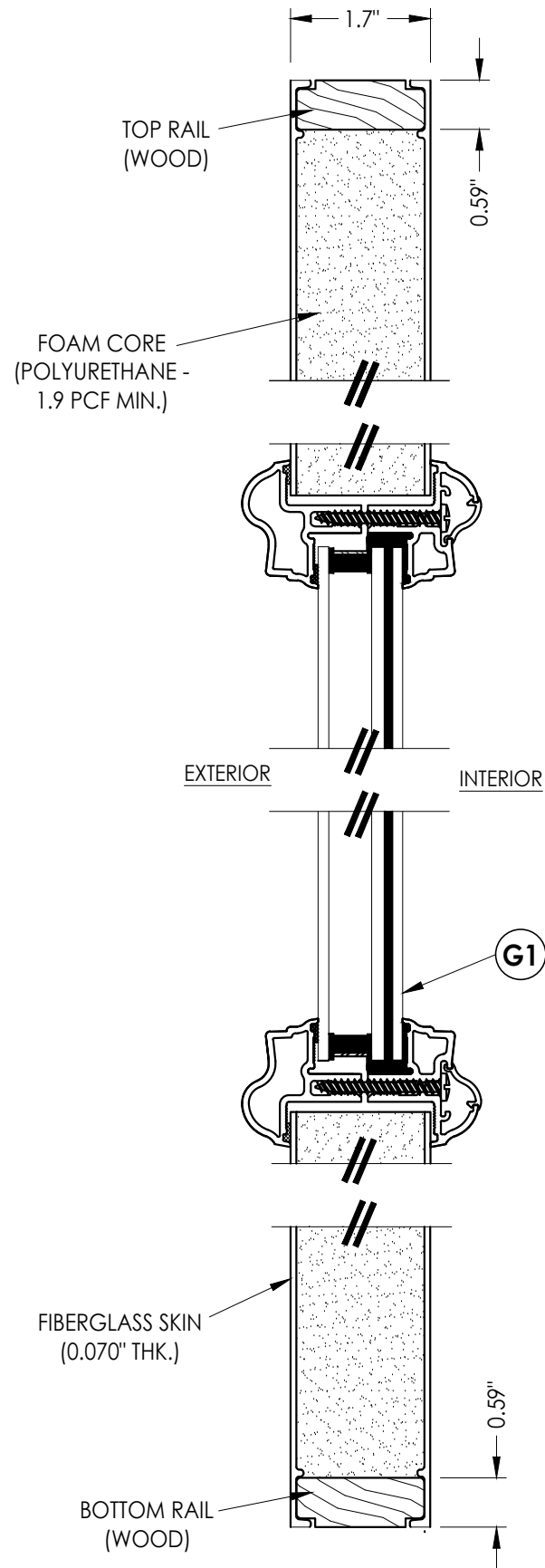
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1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL



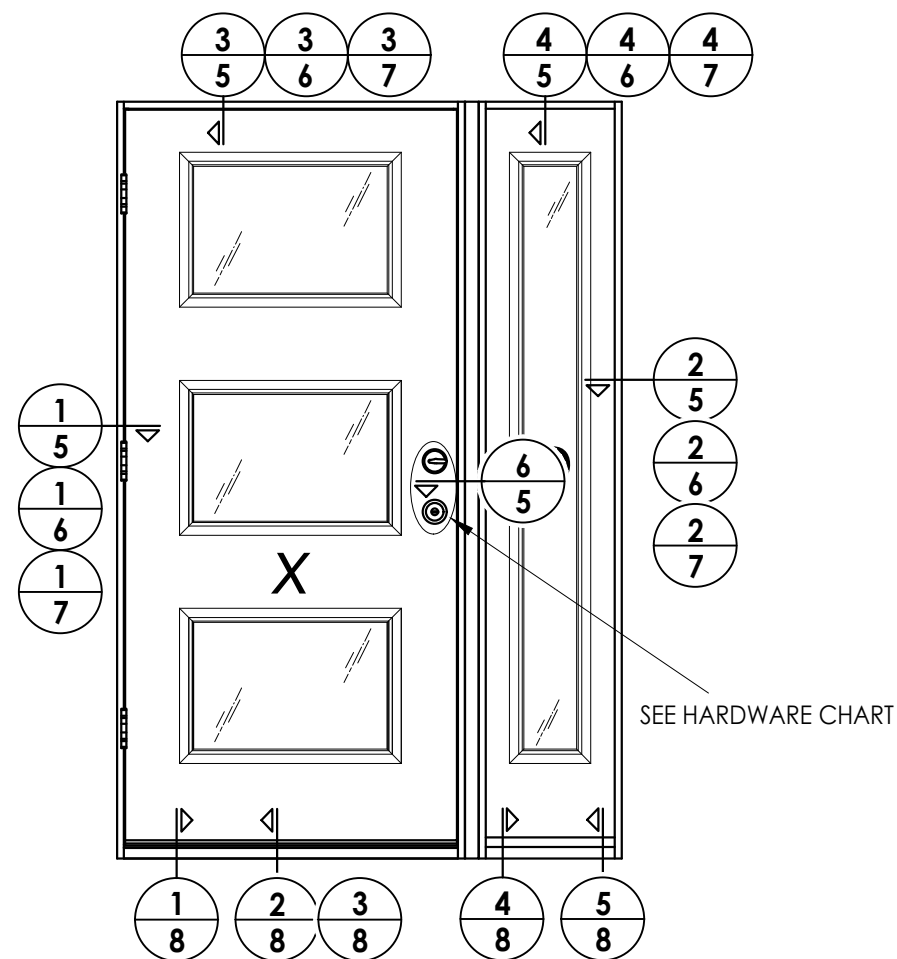
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3 VERTICAL CROSS SECTION

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
NO.	DATE	REVISIONS	
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3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC LFS

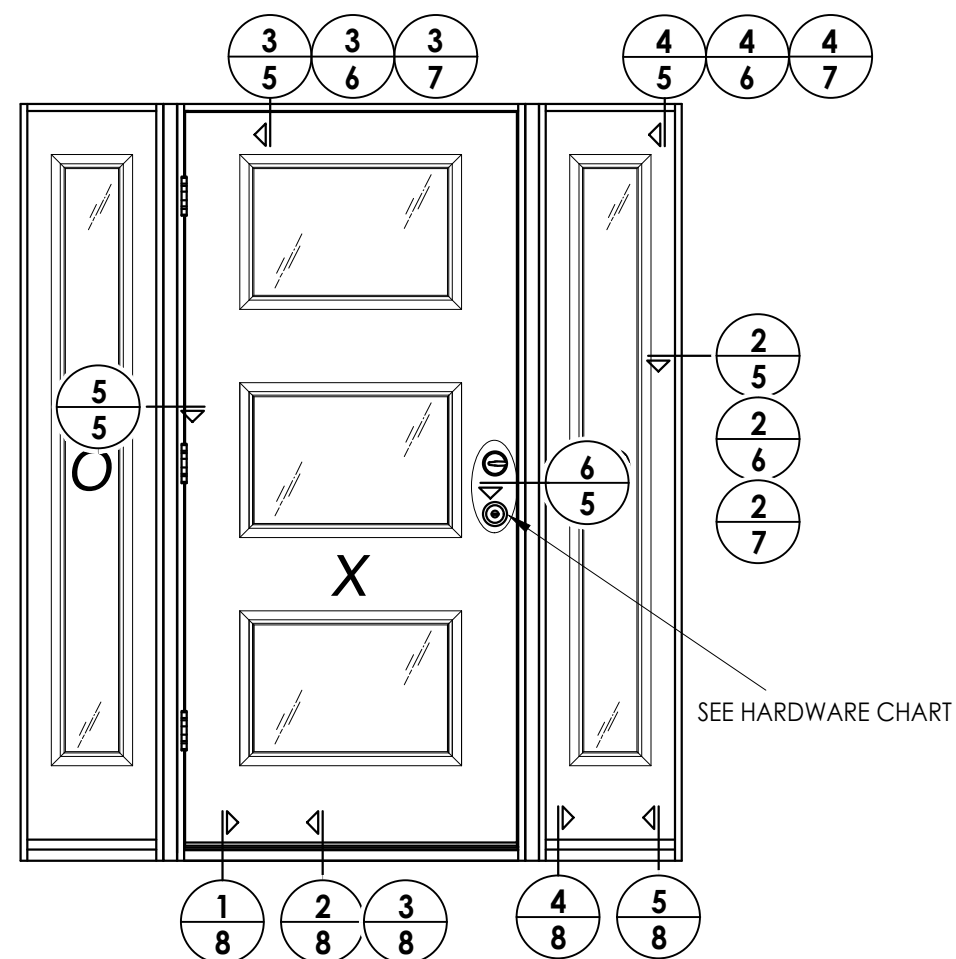
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SHEET	3 OF 13

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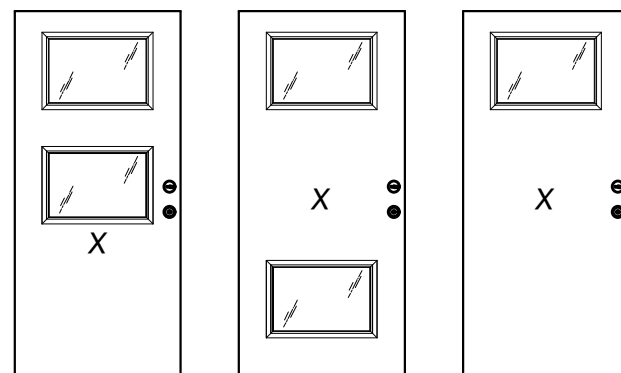
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ELEVATION
XO



ELEVATION
OXO



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)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGART (3 pt. Manual Tongue)	

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1	7/23/20	UPDATE TO 7TH ED	(2020)	FBC	LFS
NO.	DATE				
					REVISIONS

DATE: 2/06/20

SCALE: *N.T.S.*

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CHK. BY: LFS

DRAWING NO.:

FL-30482.5

SHEET 4 OF 13

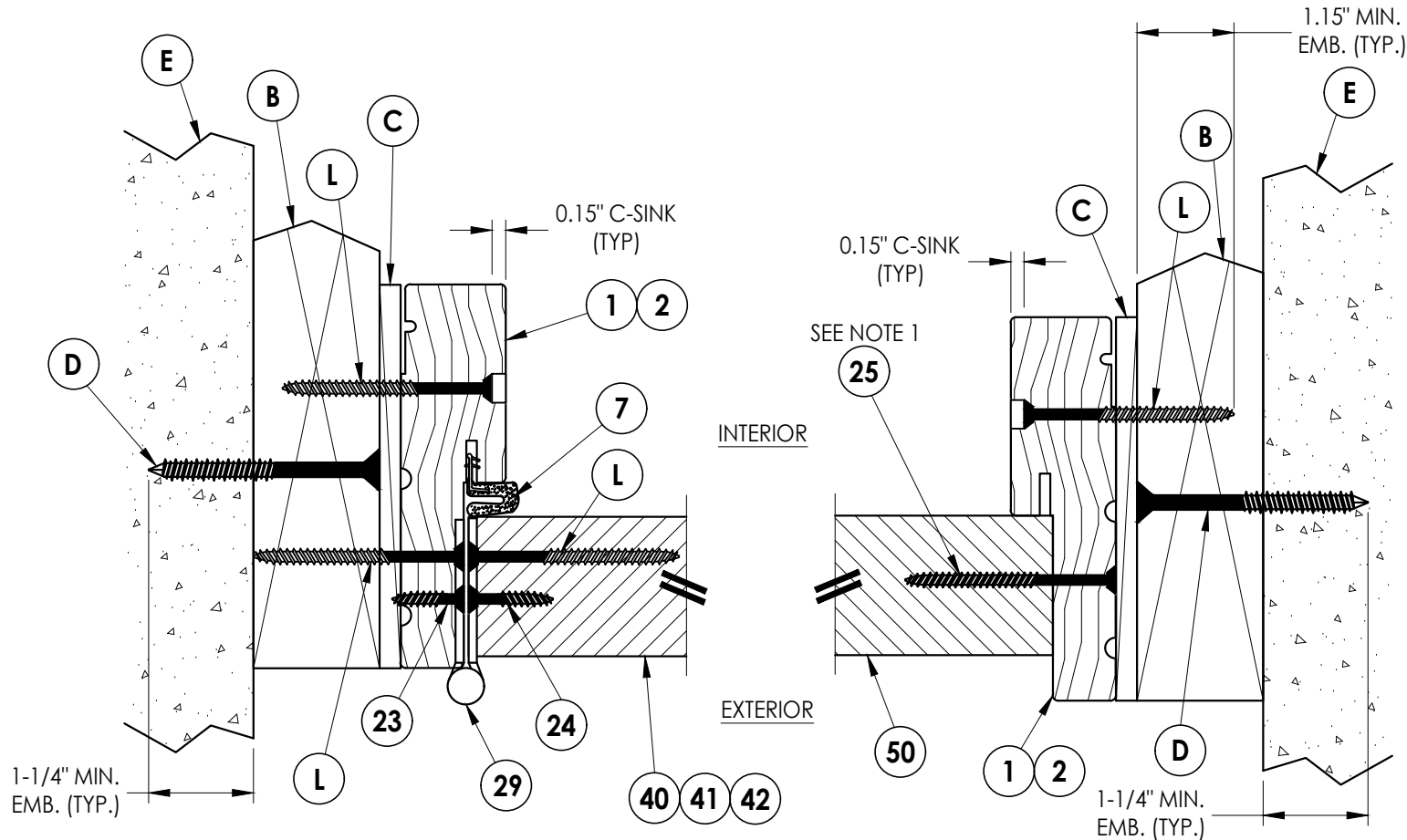
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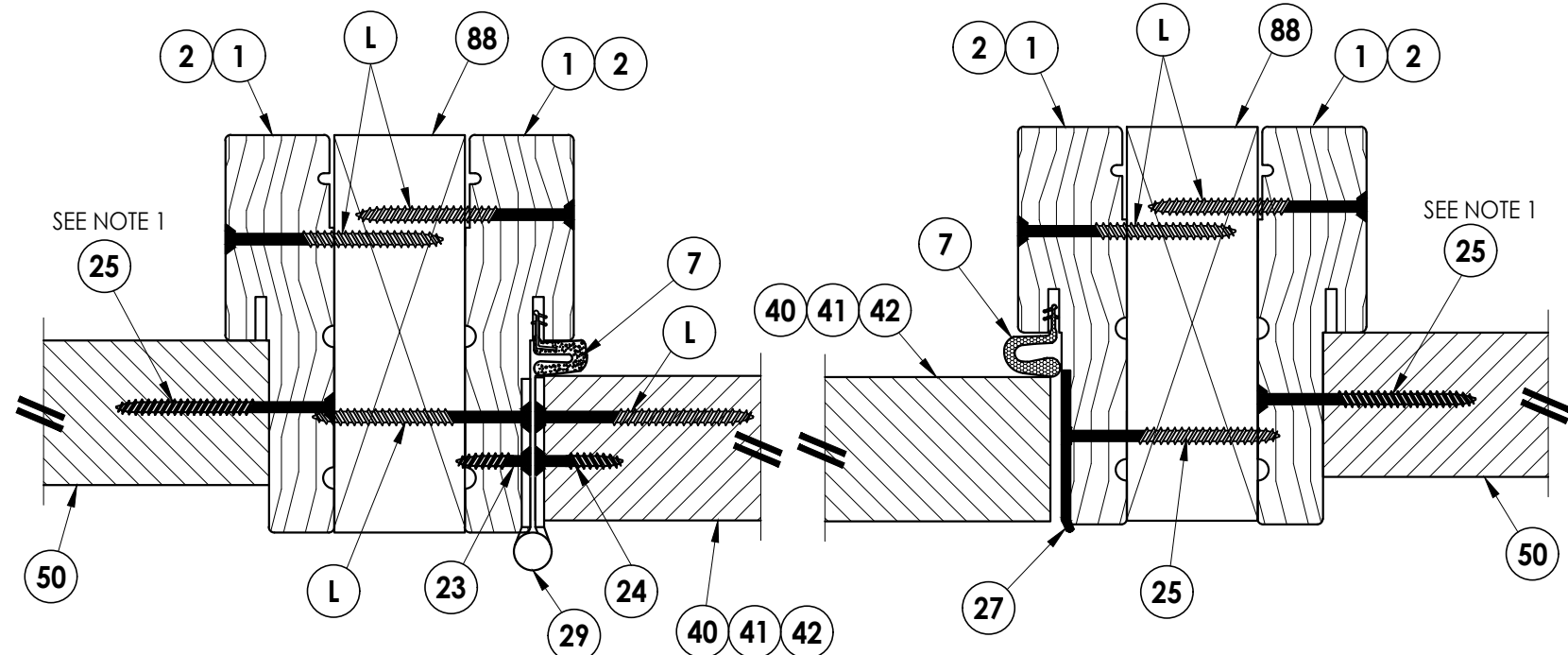
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1 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

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

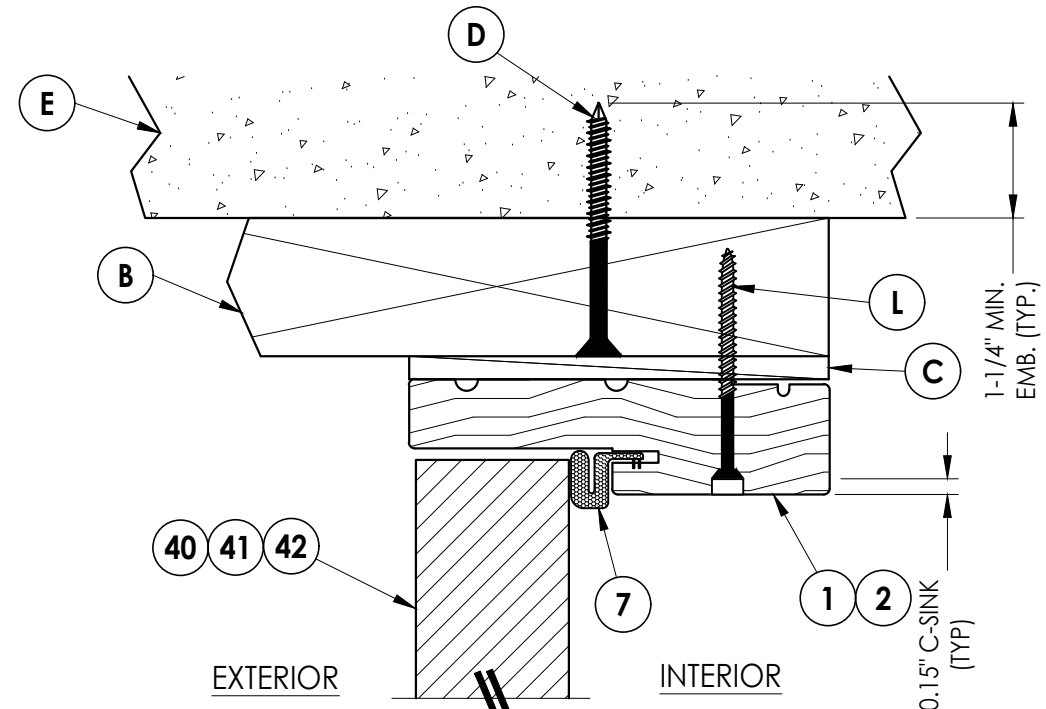


5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

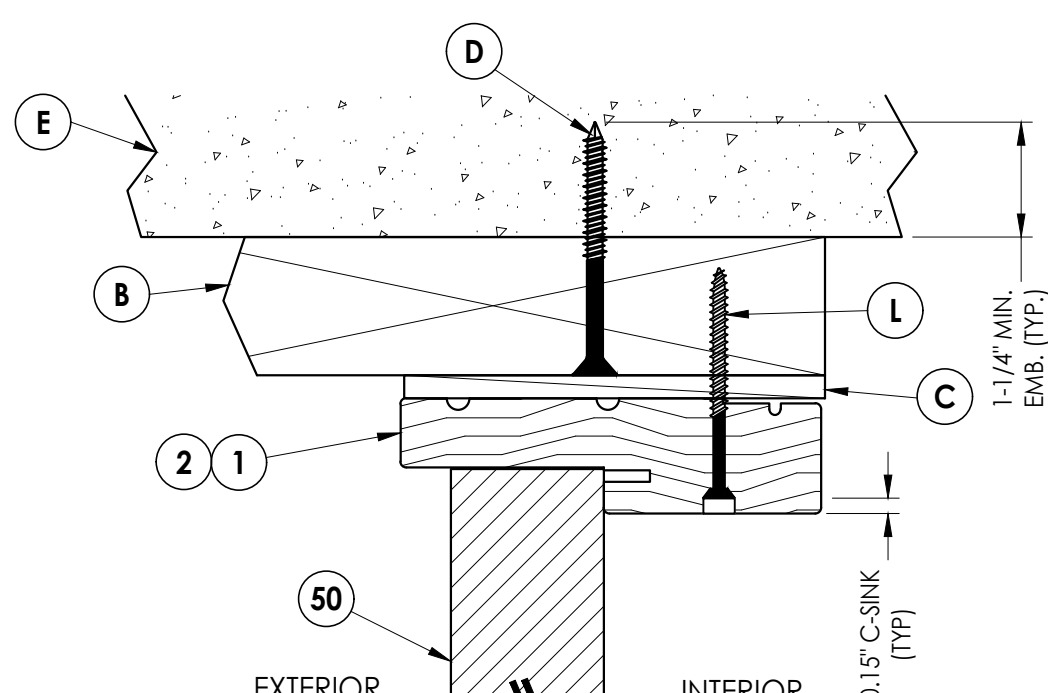
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

Note:

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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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

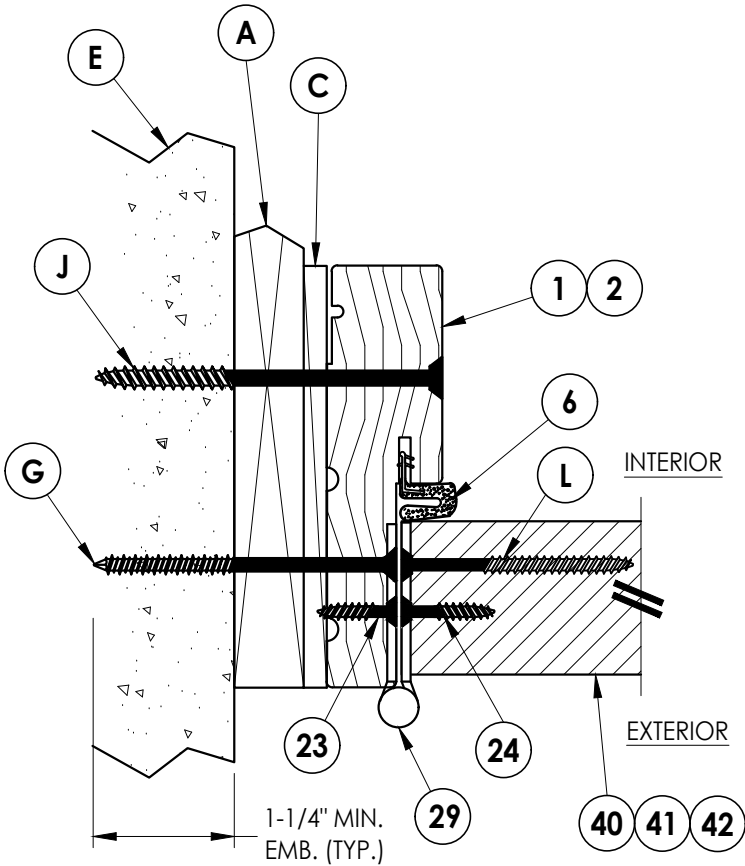
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2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE:	2/06/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30482.5
SHEET	5 OF 13

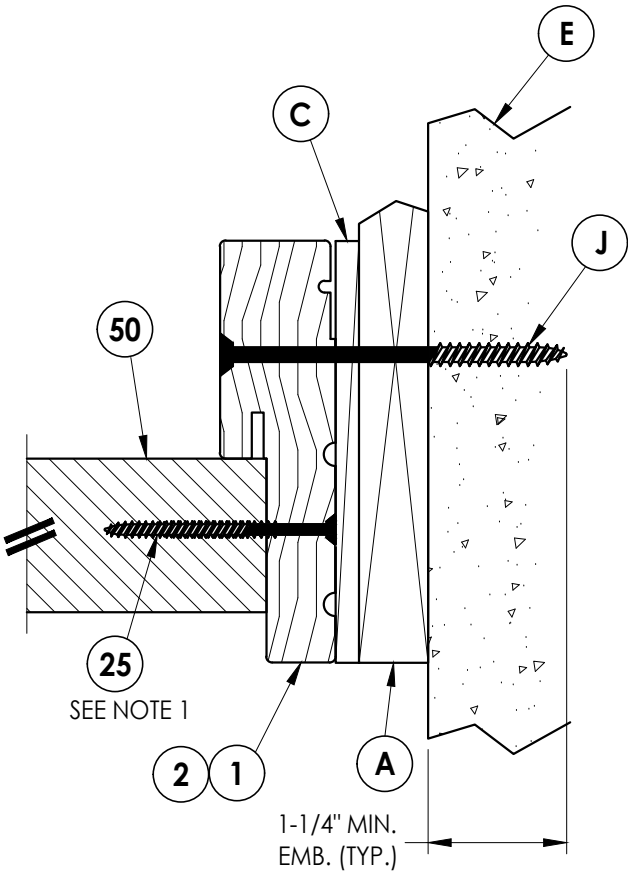
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Note:

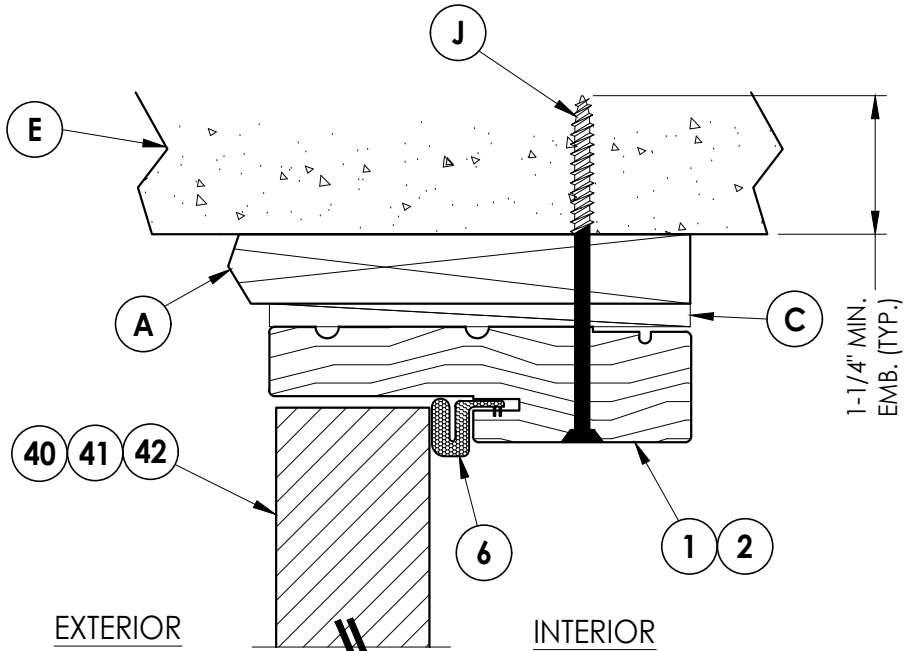
1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).



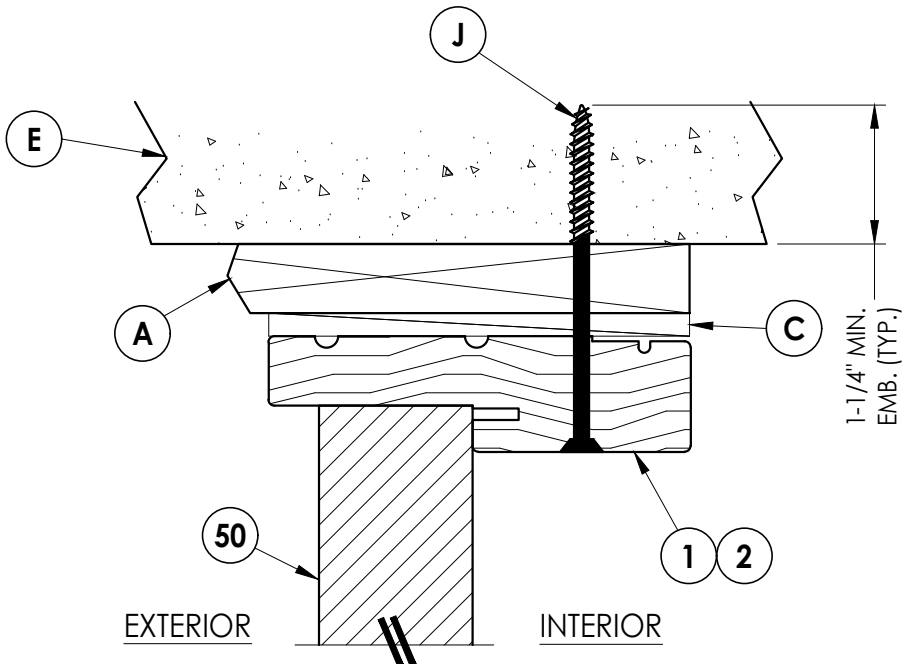
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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)

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PRODUCT: THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS			
		DATE	BY	CHK.	APP.
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	

DATE: 2/06/20

SCALE: N.T.S.

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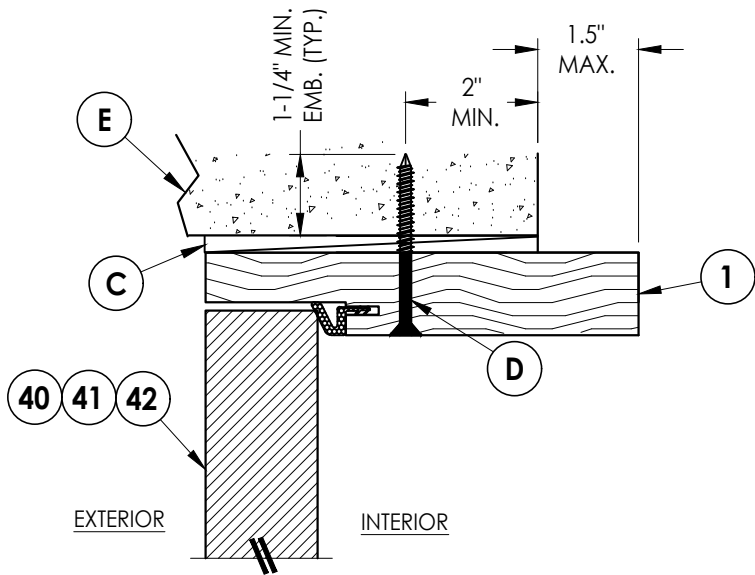
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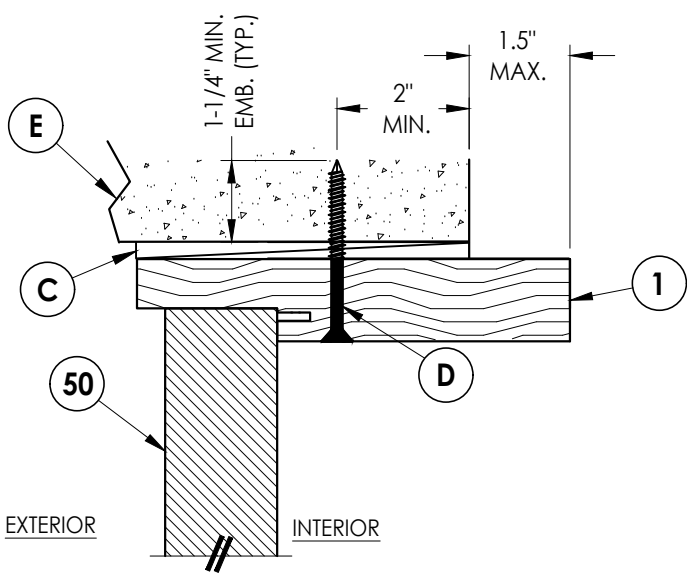
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SHEET 6 OF 13

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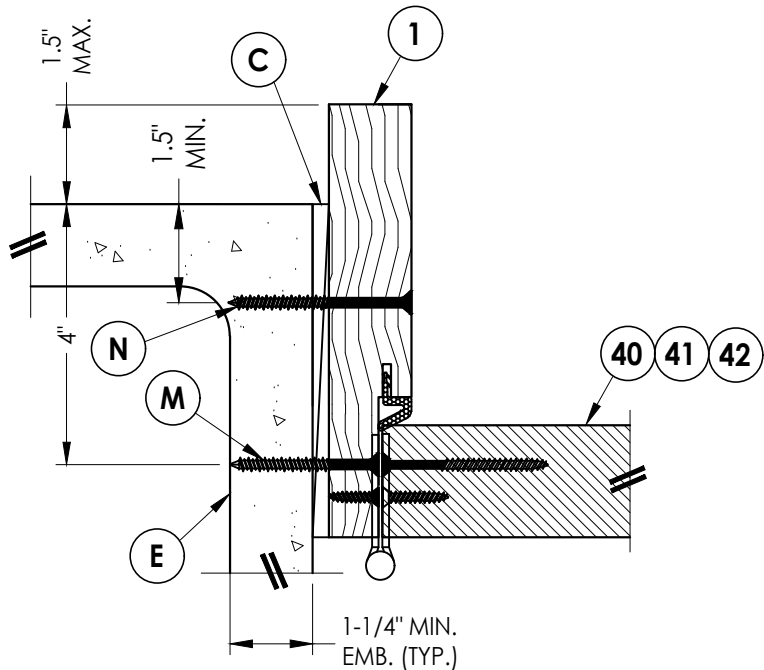


3 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

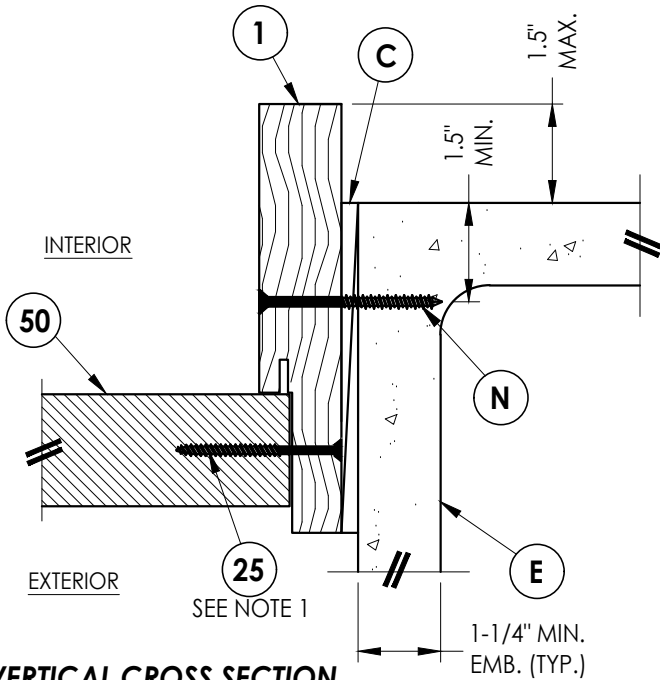


4 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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



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



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

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC
NO.	DATE	BY

DATE: 8/02/16

SCALE: N.T.S.

DWG. BY: RW

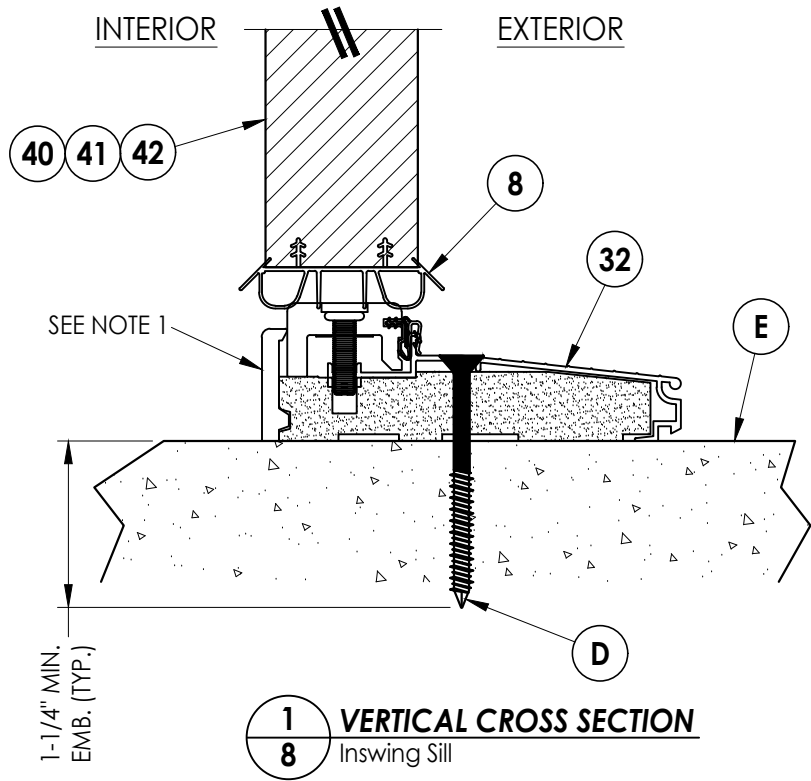
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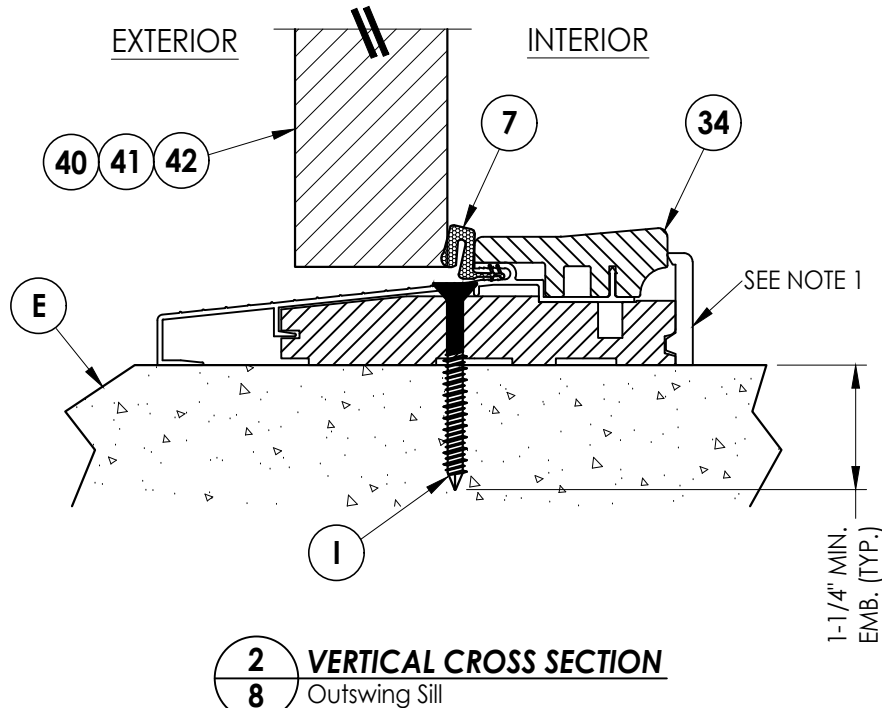
SHEET 7 OF 13

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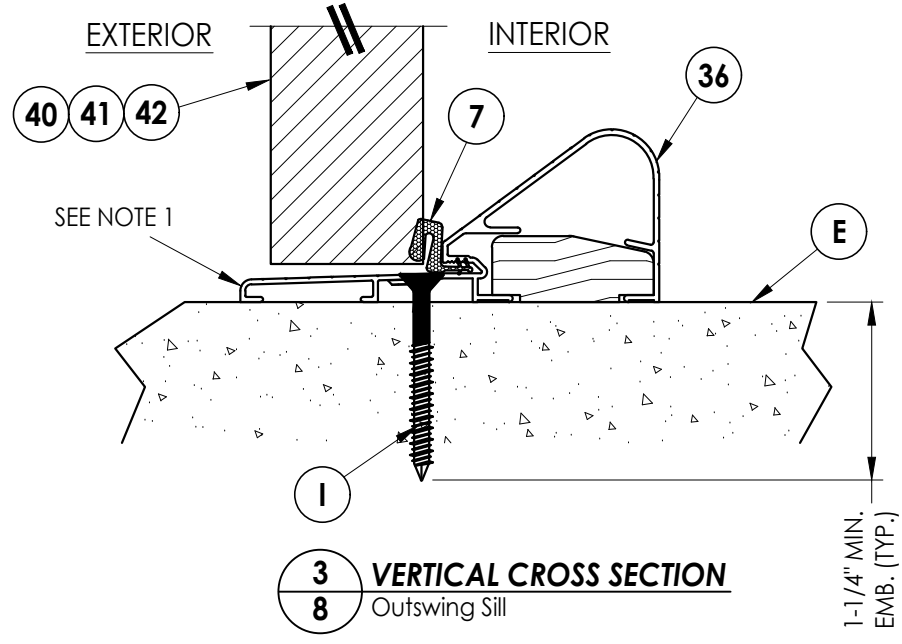
Note:
1. Sill Item #'s 32, 33, 34 & 35 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 36 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.



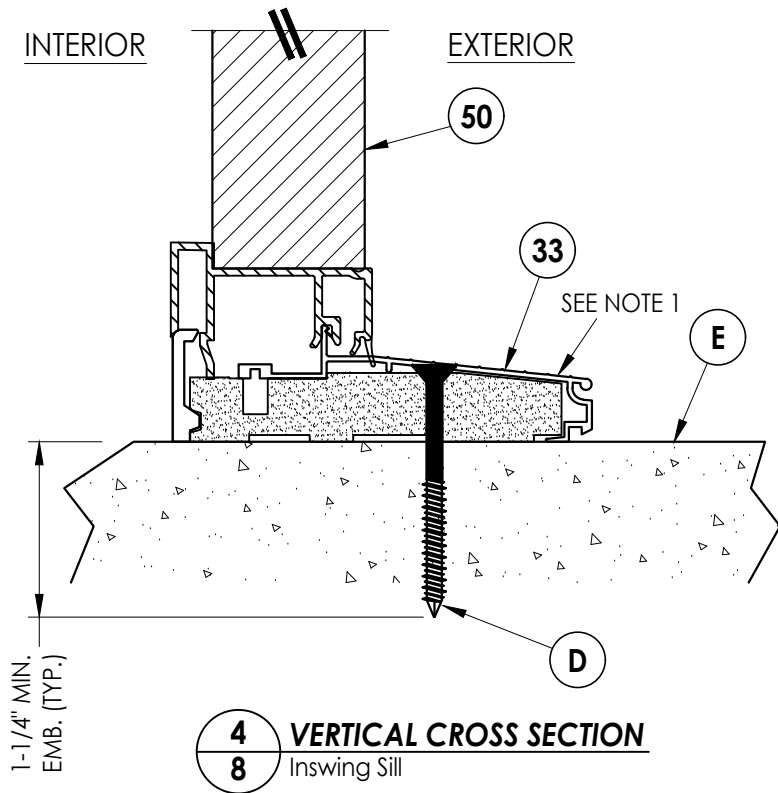
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8 **VERTICAL CROSS SECTION**
Inswing Sill



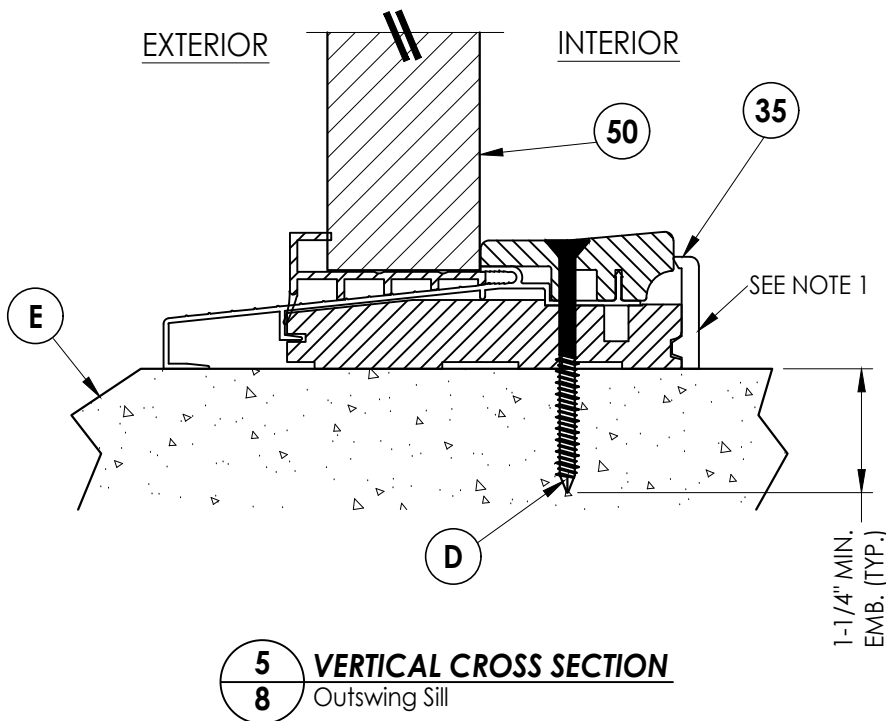
2
8 **VERTICAL CROSS SECTION**
Outswing Sill



3
8 **VERTICAL CROSS SECTION**
Outswing Sill



4
8 **VERTICAL CROSS SECTION**
Inswing Sill



5
8 **VERTICAL CROSS SECTION**
Outswing Sill

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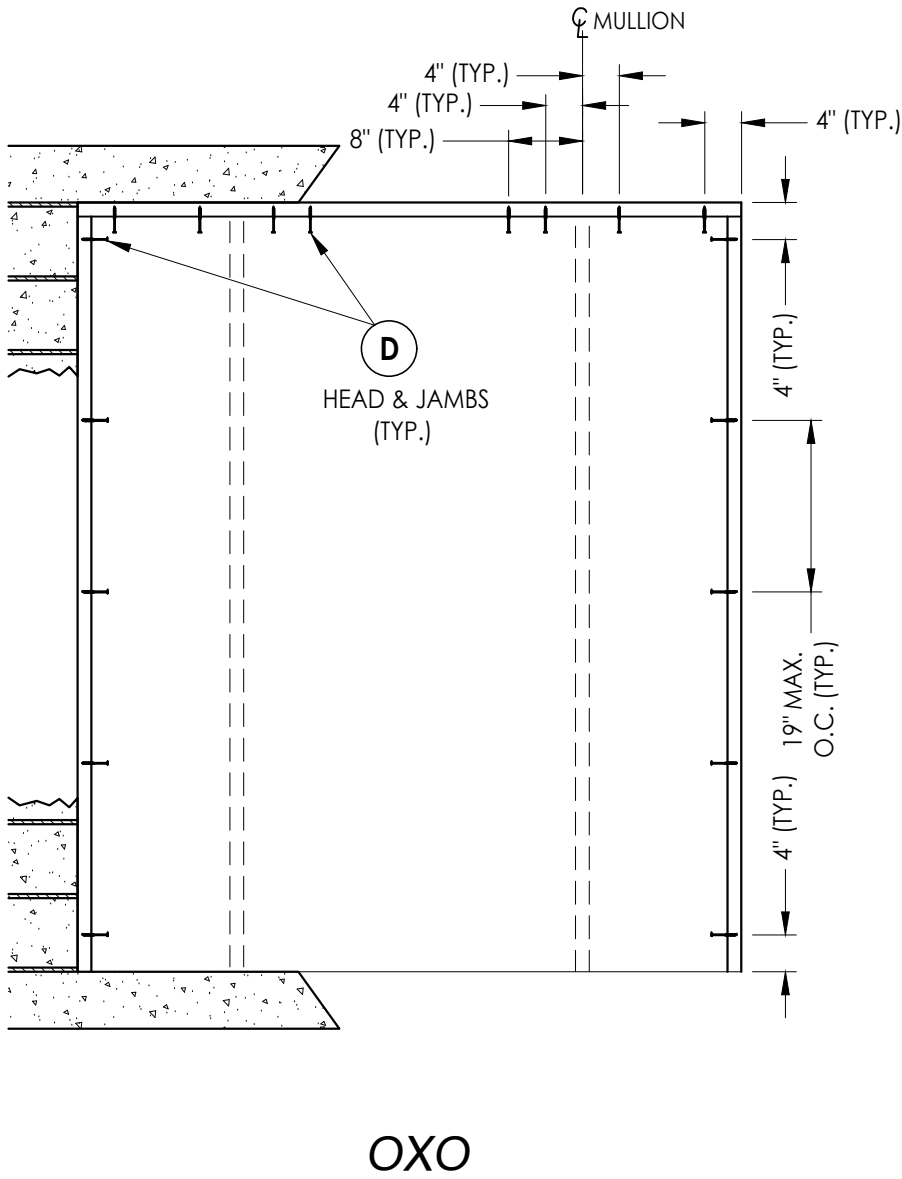
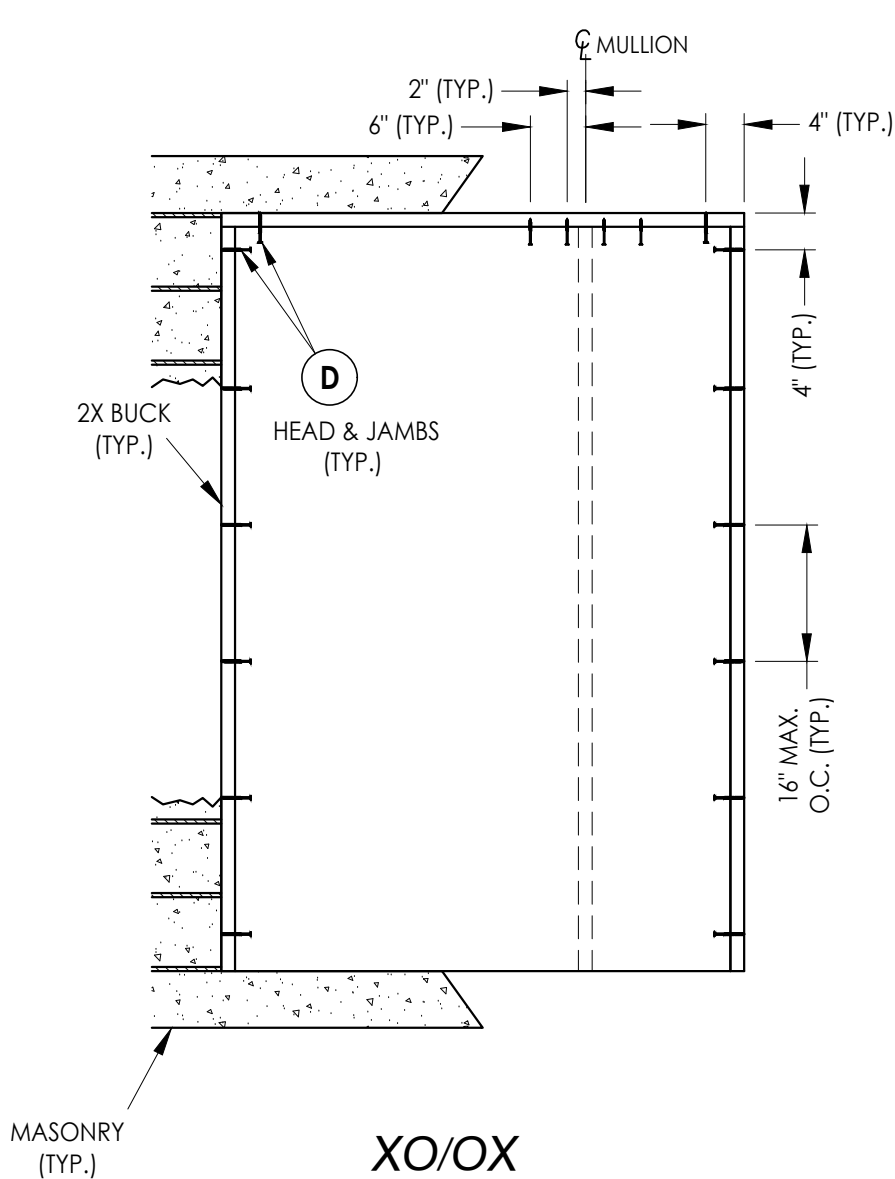
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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SHEET 8 OF 13



2X BUCK ANCHORING

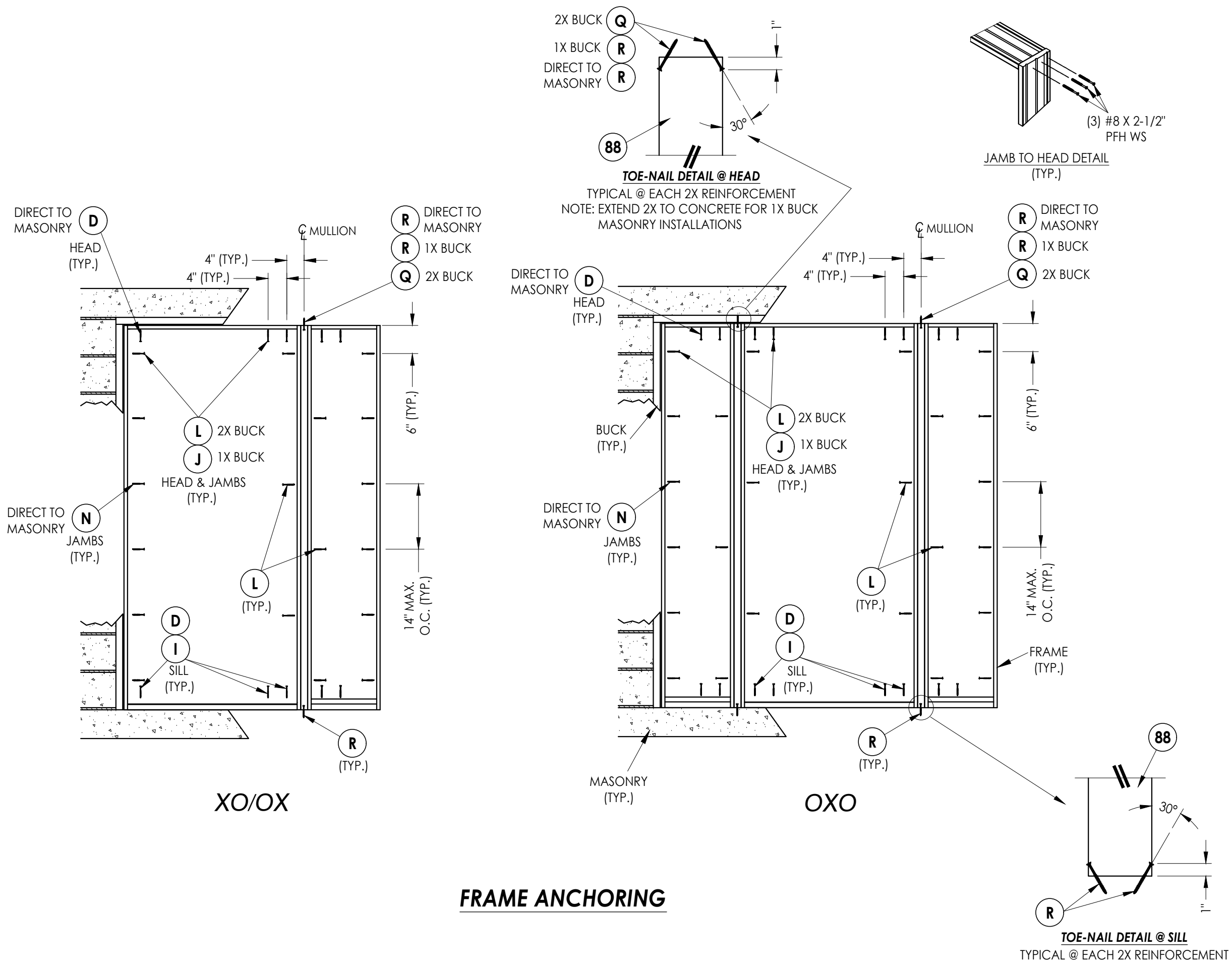
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SHEET	9 OF 13

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS
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PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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FIBERGLASS DOOR

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SCALE: N.T.S.

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CHK. BY: LFS

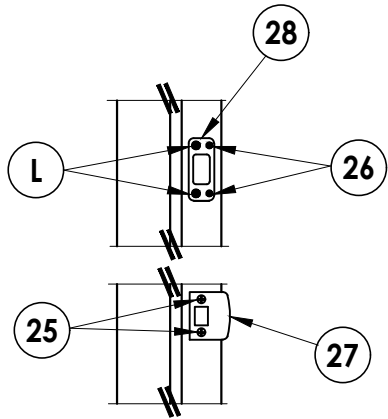
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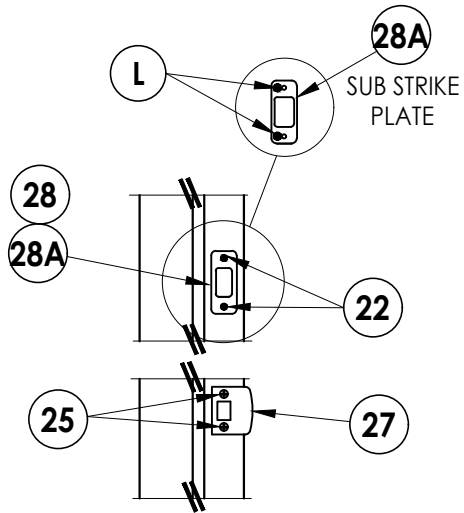
SHEET 10 OF 13

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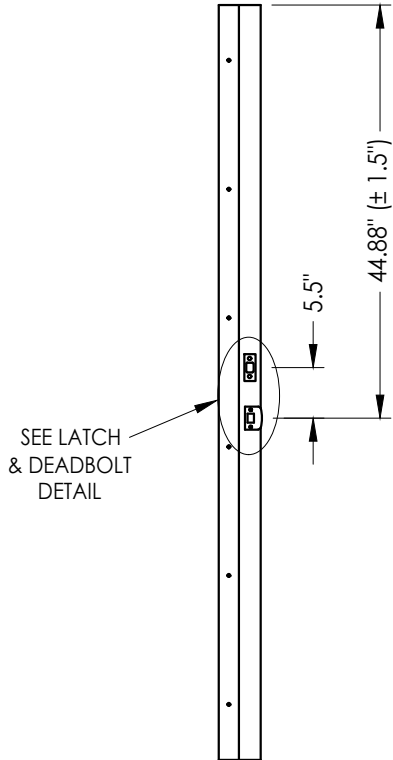
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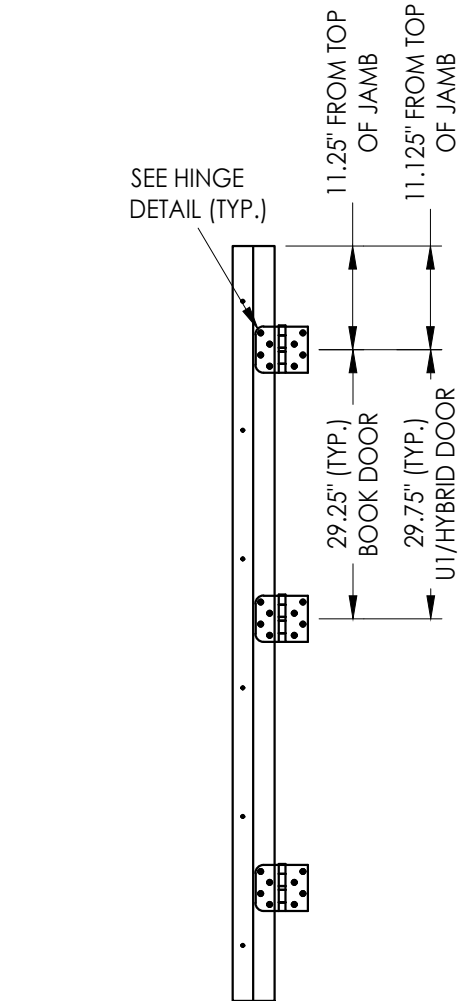
LATCH & DEADBOLT DETAIL
Kwikset



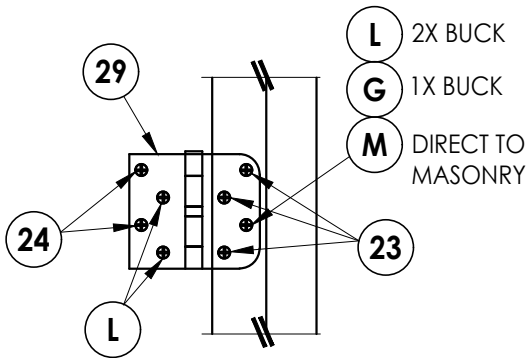
LATCH & DEADBOLT DETAIL
Schlage



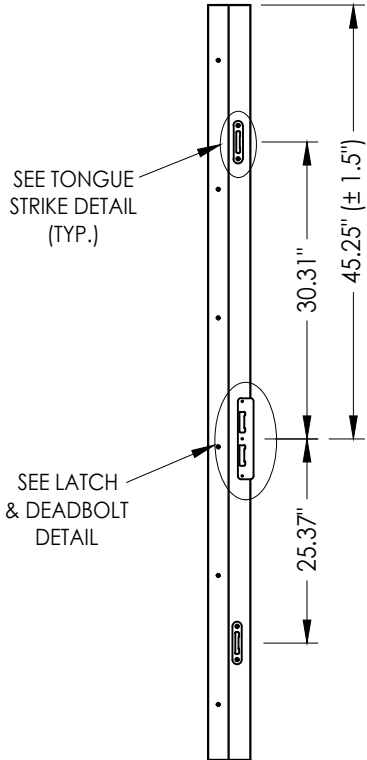
STRIKE JAMB
Latch and Deadbolt



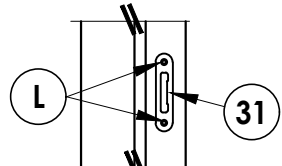
HINGE JAMB



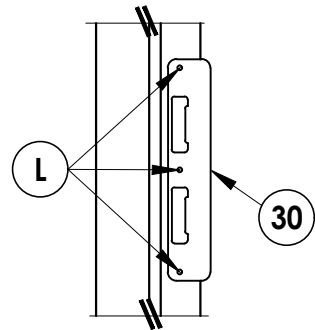
HINGE DETAIL



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL
Multipoint Lock



LATCH & DEADBOLT DETAIL
Multipoint Lock

MULTIPOINT LOCK STRIKE DETAILS

REVISIONS		NO.		DATE		BY	
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		1	7/23/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	

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FL-30482.5

SHEET 11 OF 13

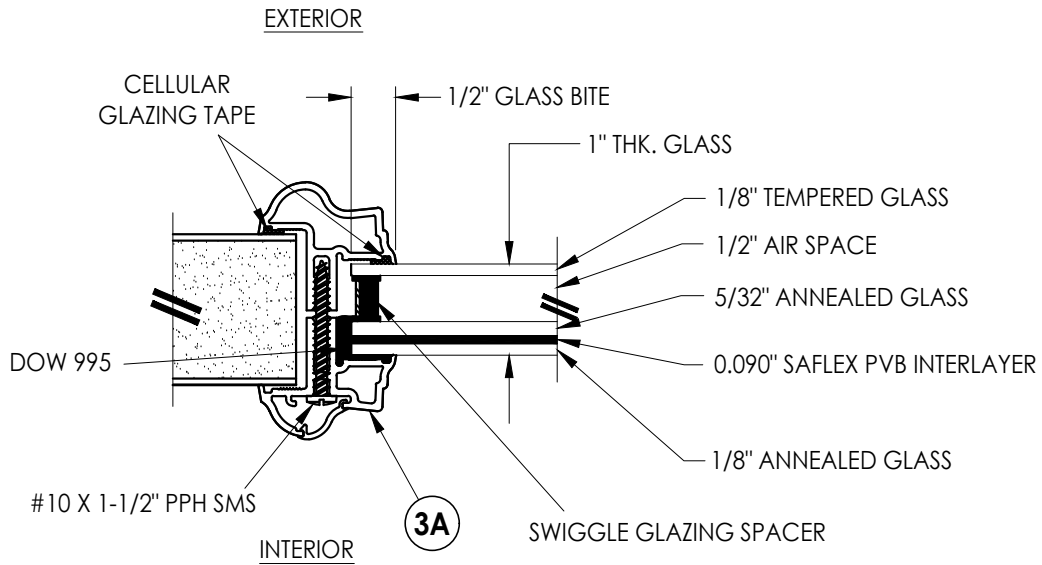
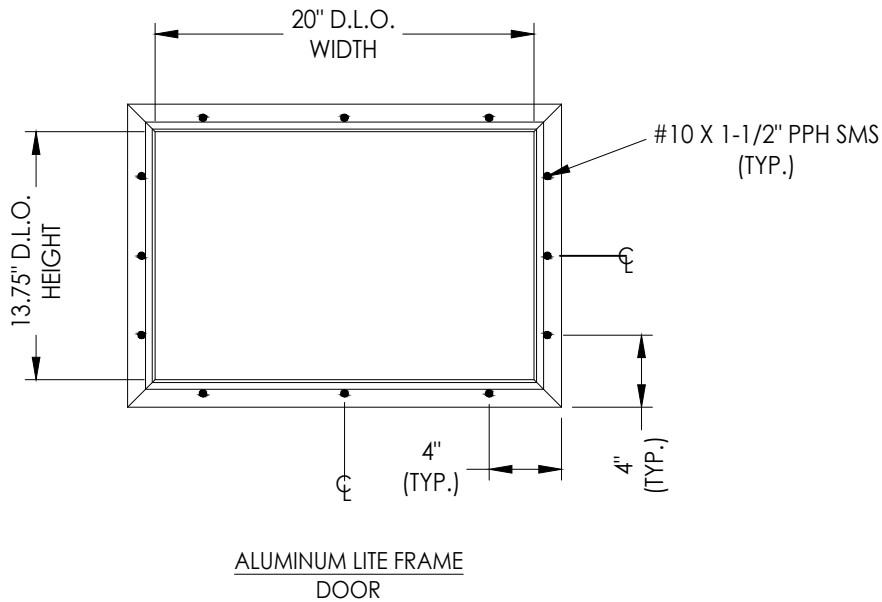
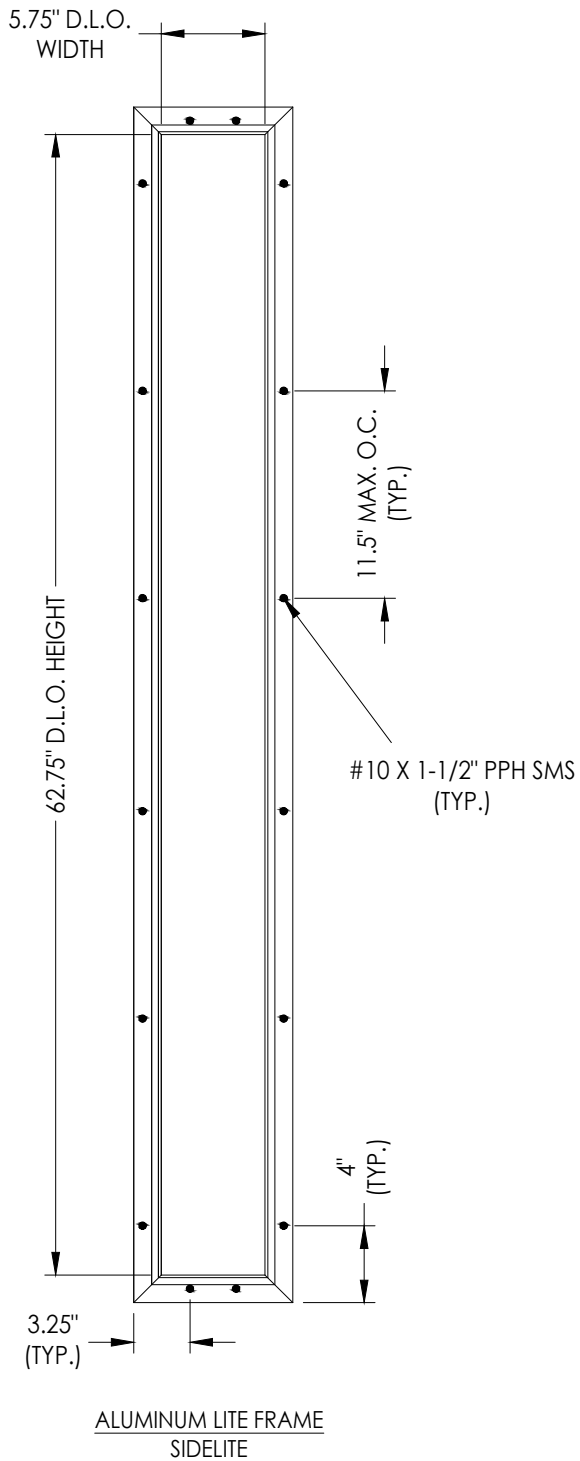
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

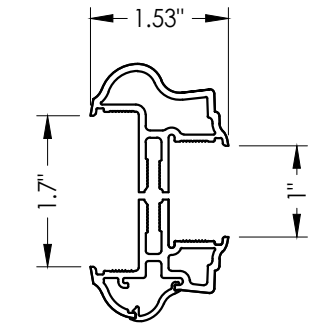
PART OR ASSEMBLY:

HARDWARE DETAILS

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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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: 2/06/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-30482.5	
SHEET 12	OF 13

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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

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