



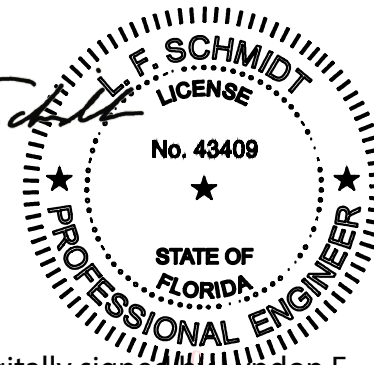
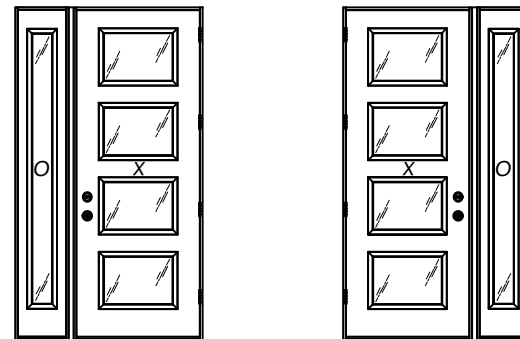
Fiber-Classic® & Smooth-Star®

**WOOD OR COMPOSITE EDGE
MULTI-LITE GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
IN swing/OUT swing
"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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SHEET #	DESCRIPTION	SHEET#	
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6	Horizontal & Vertical Cross Sections (1X Buck)	13	Bill of Materials & Components
7	Horizontal & Vertical Cross Sections (Direct to Masonry)		



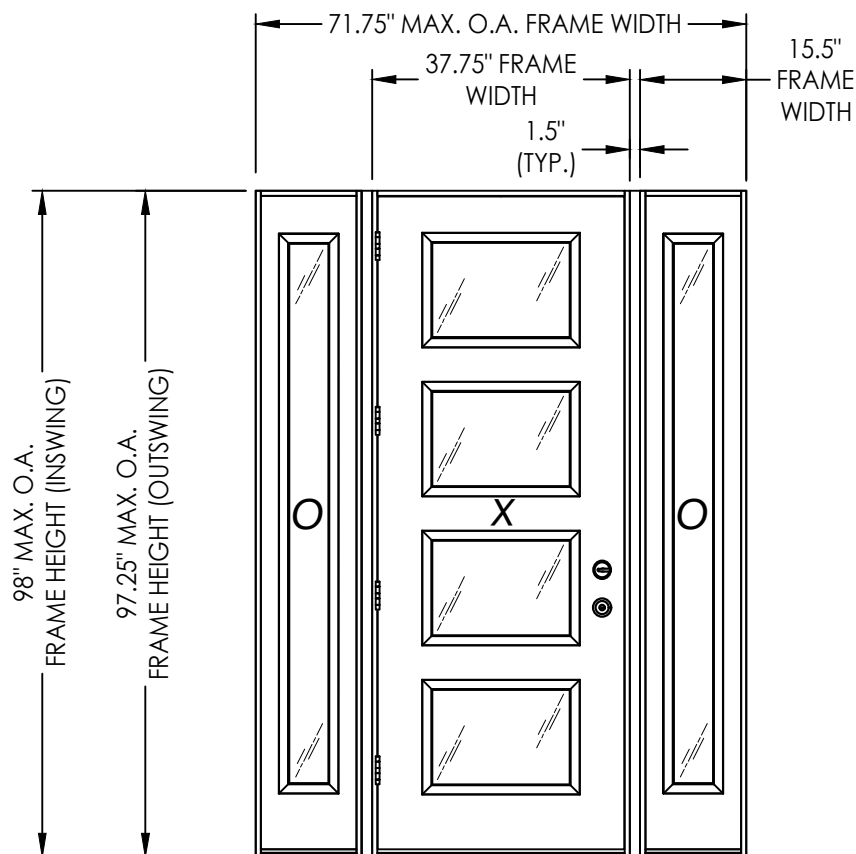
Digitally signed by Lyndon F
Schmidt

Date: 2026.09.08 07:21:36 -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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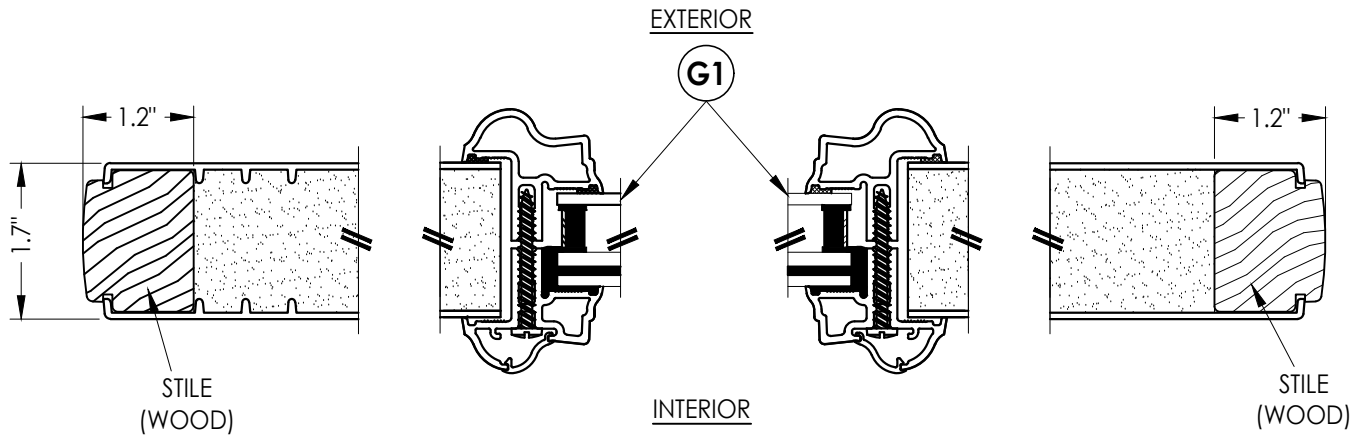
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



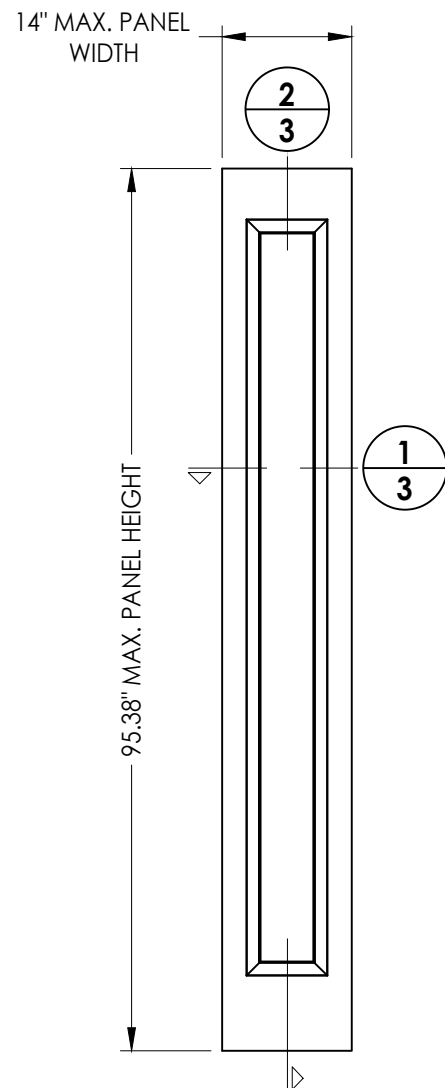
CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO, OXO	Latch & Deadbolt	+50.0	-55.0	+55.0	-55.0
OX, XO, OXO	Multi-point	+55.0	-55.0	+55.0	-55.0

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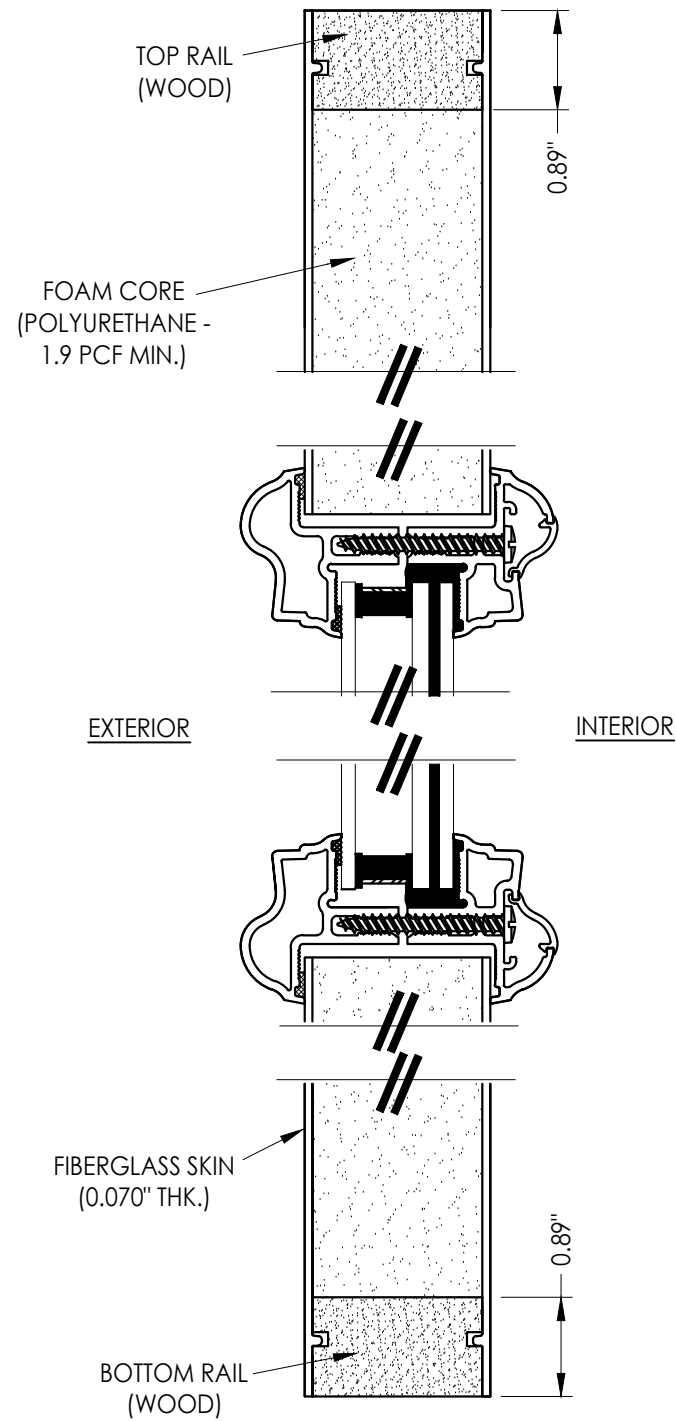
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1 **HORIZONTAL CROSS SECTION**
3



50 SIDELITE PANEL

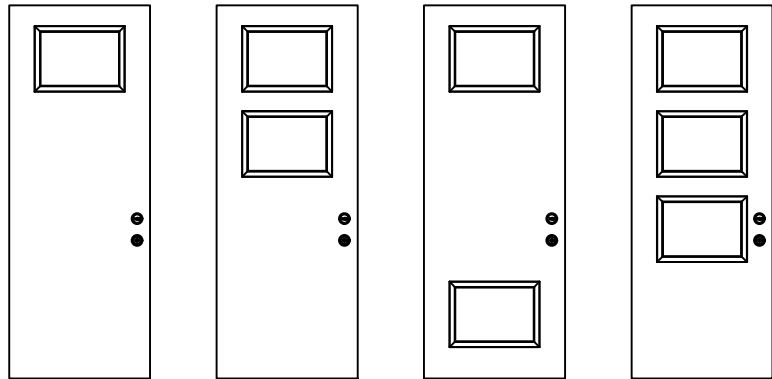
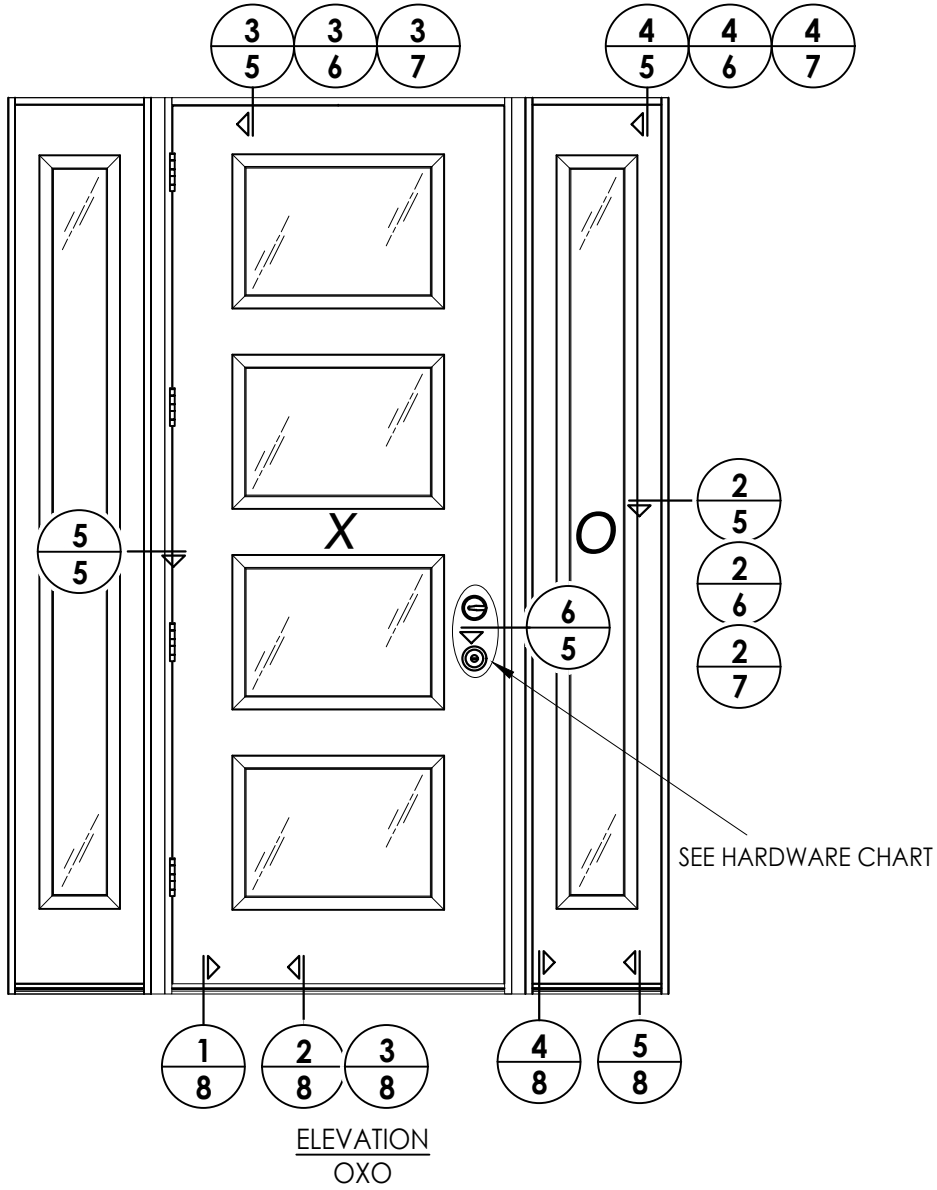
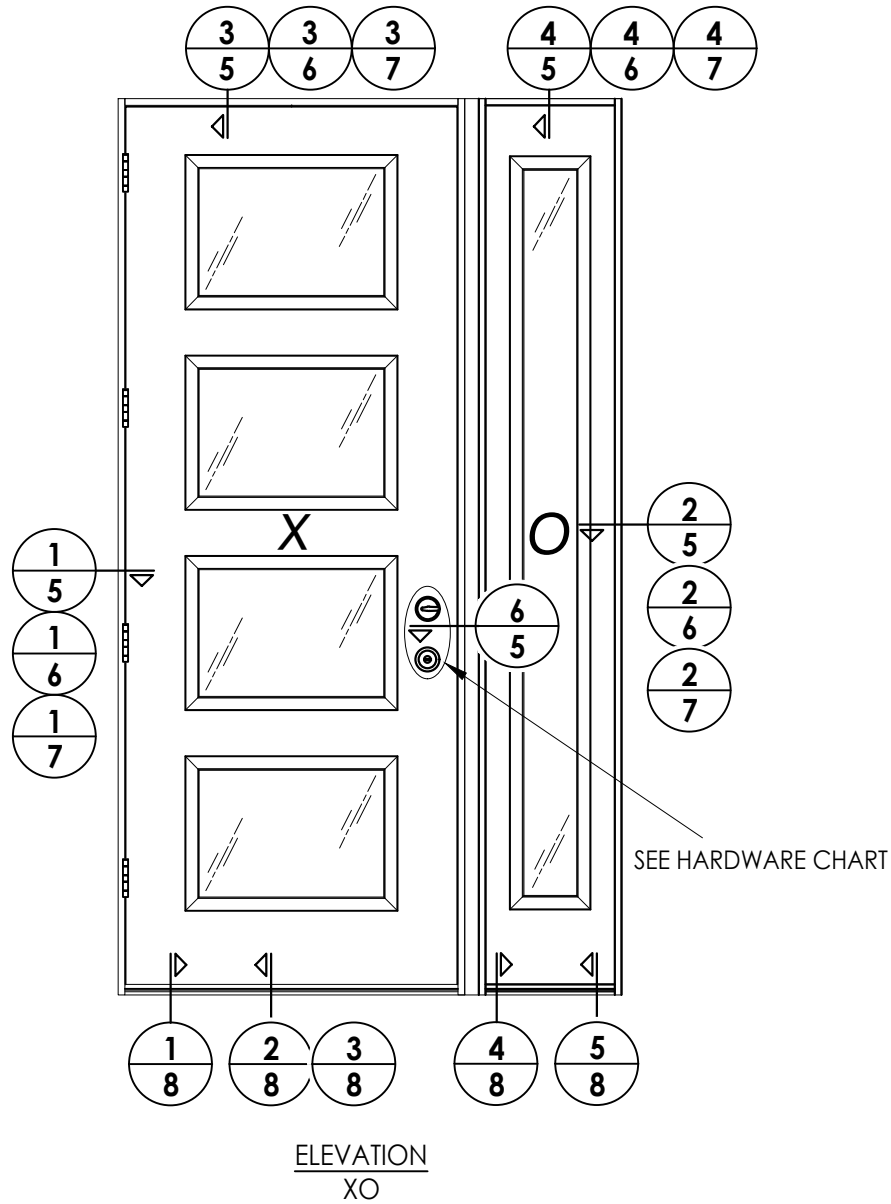


2 VERTICAL CROSS SECTION

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				
NO.	DATE				BY				
					REVISIONS				
DATE: 4/06/20									
SCALE: N.T.S.									
DWG. BY: RW									
CHK. BY: LFS									
DRAWING NO.: FL-30482.11									
SHEET	3	OF		13					

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
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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)	MULTI-POINT : MPDGART (3 pt. Manual Tongue)	

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

REVISIONS

NO.	DATE	BY
3	7/01/26	LFS
2	7/27/23	LFS
1	7/23/20	LFS

DATE: 4/06/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

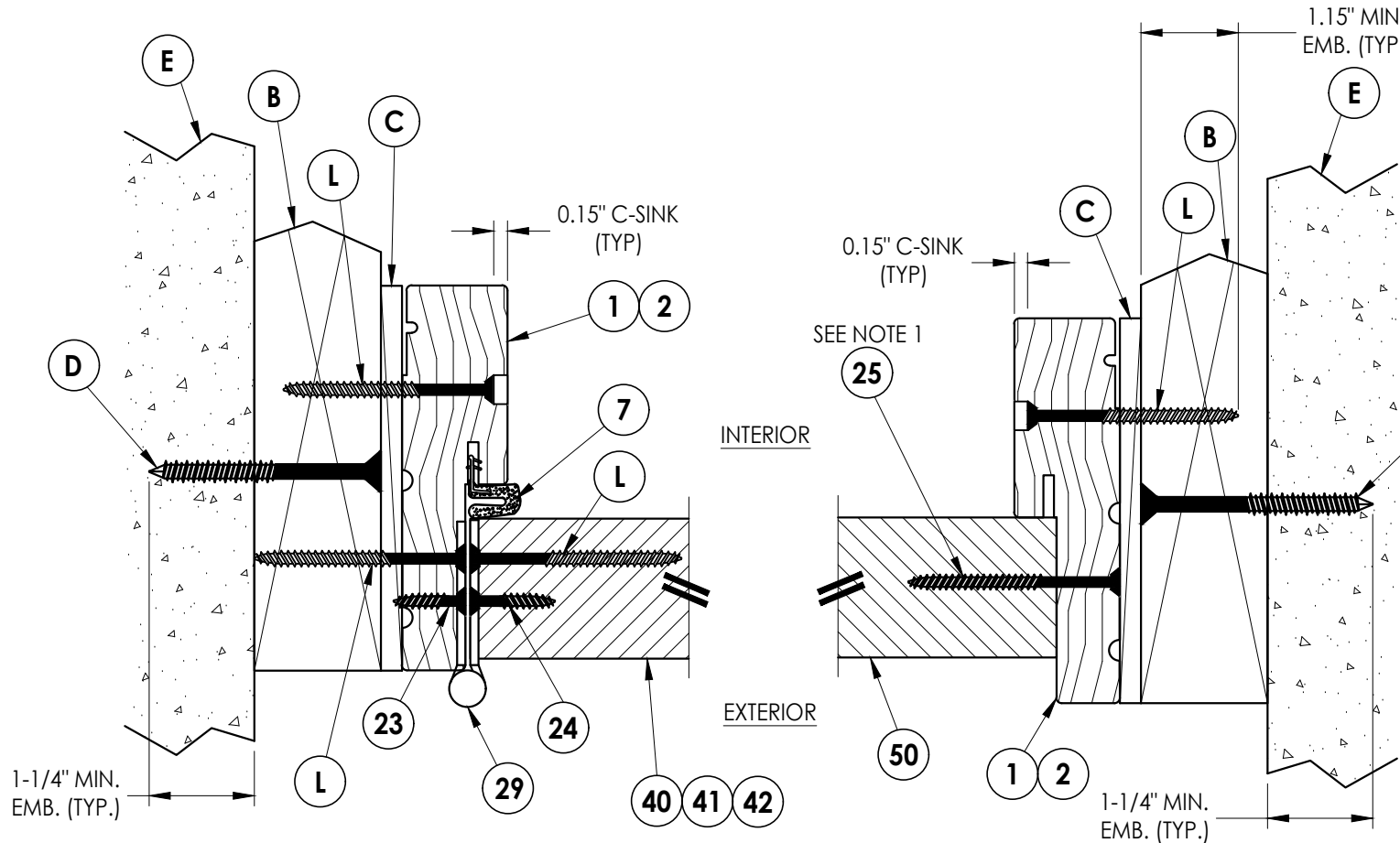
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SHEET 4 OF 13

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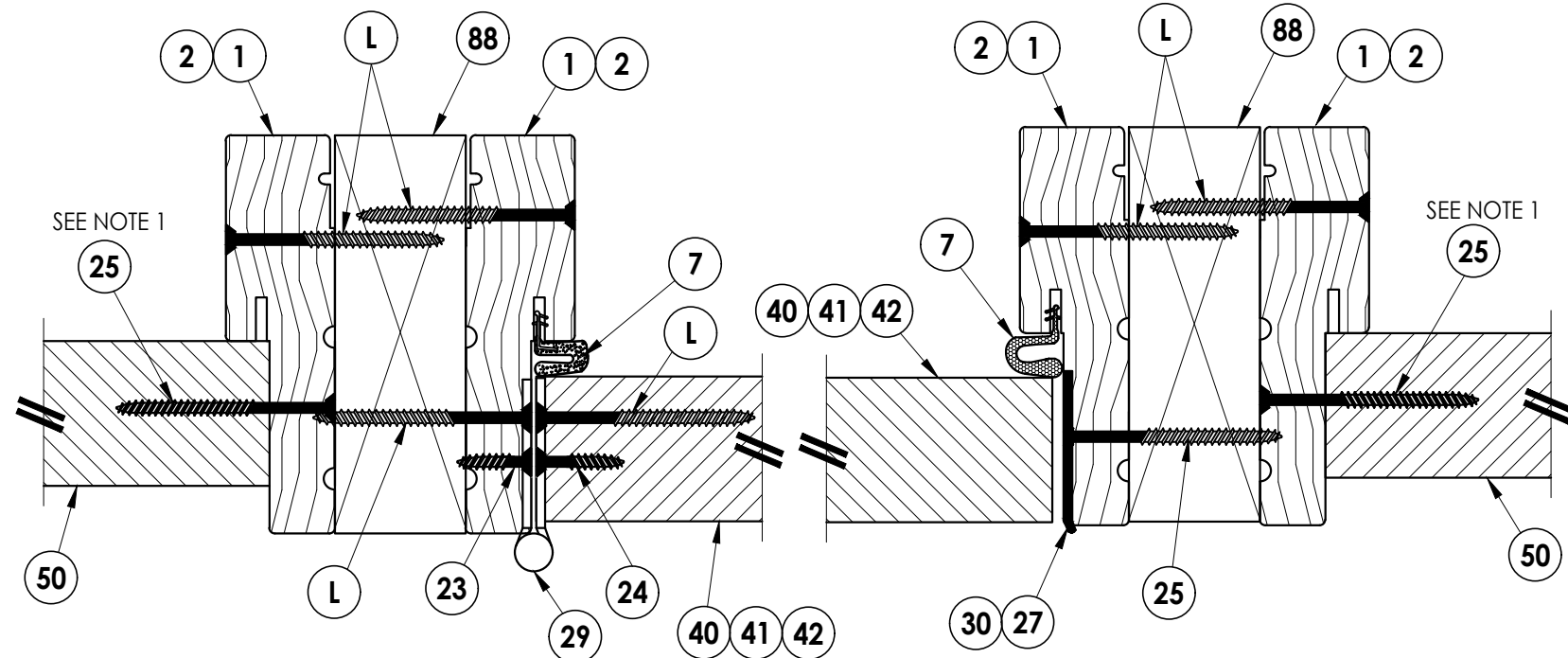
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1 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

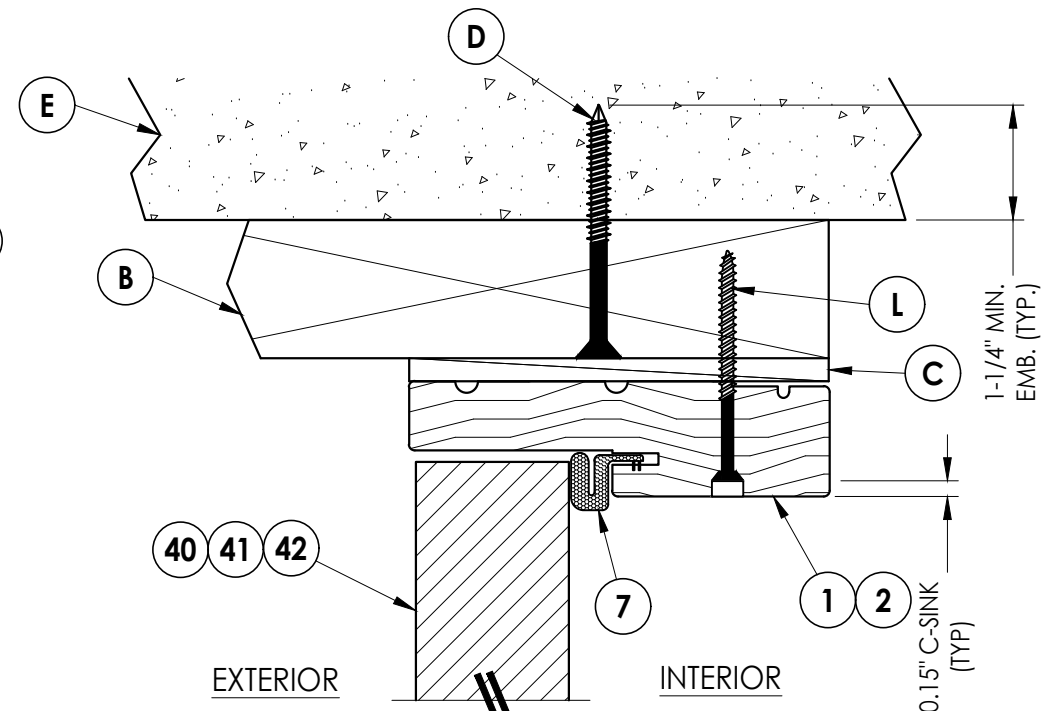
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



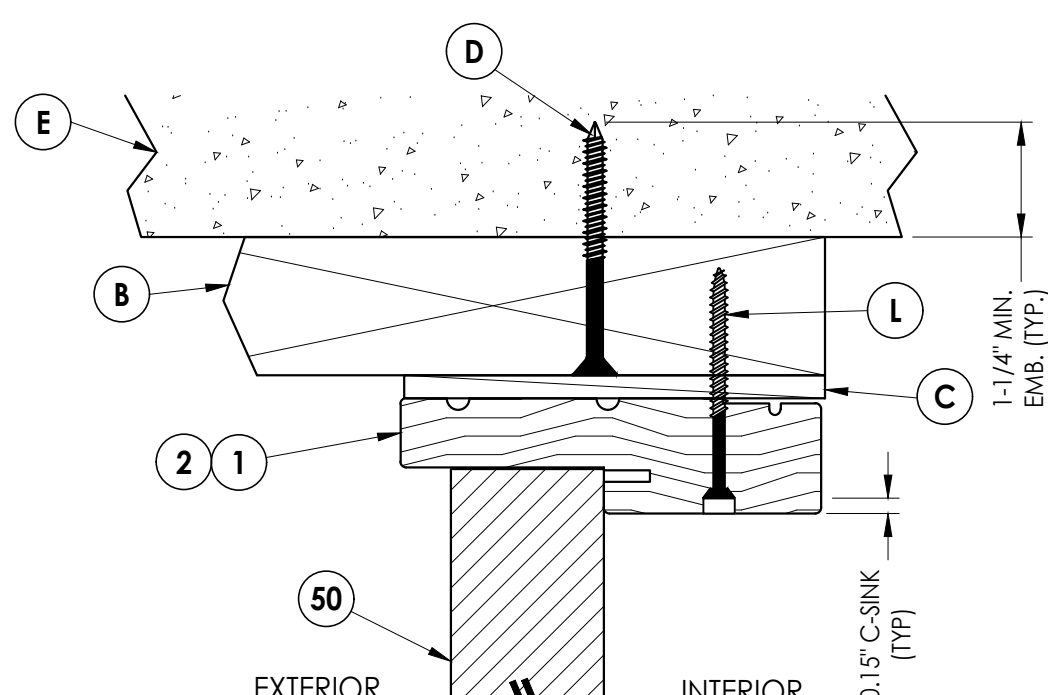
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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

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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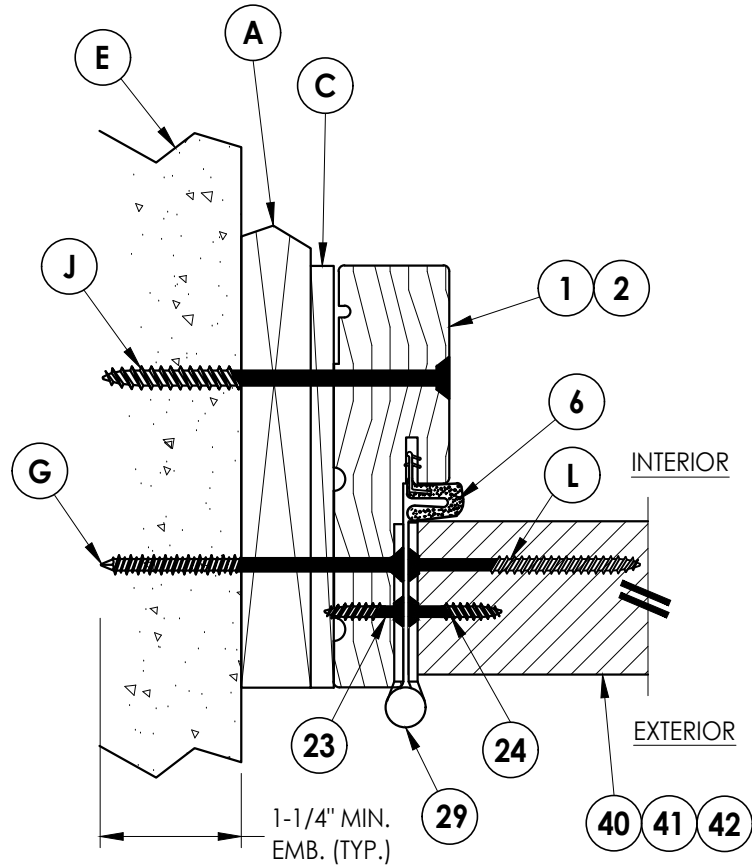
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

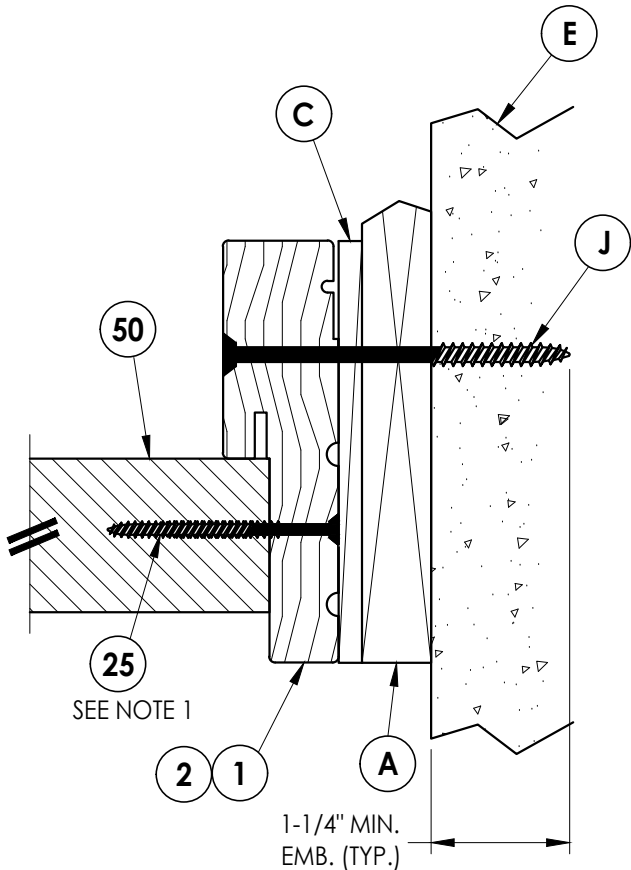
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2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 4/06/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30482.11
SHEET 5 OF 13

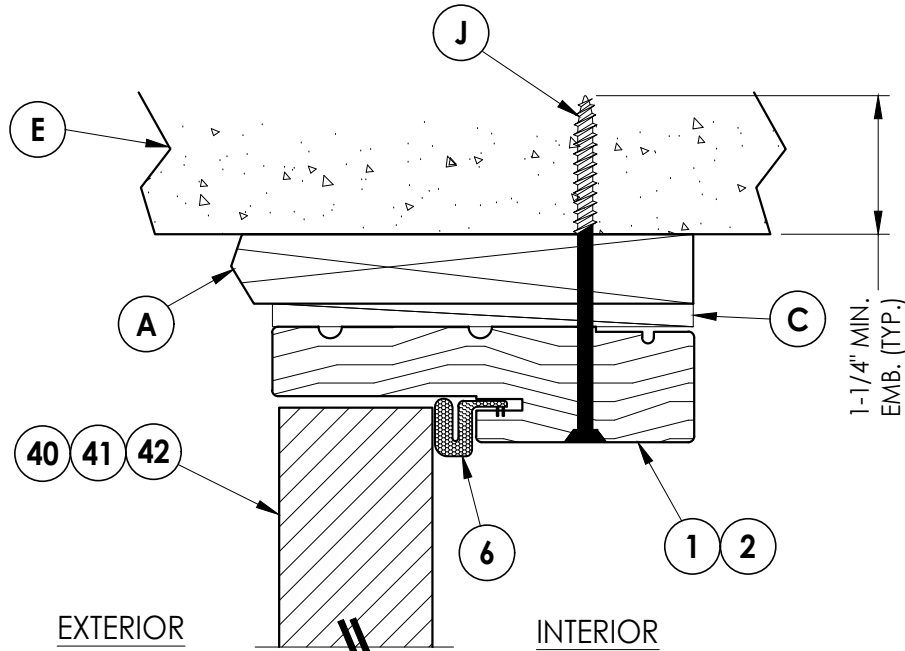
Notes:
1. Sidelite assembly screws located 6" from each end and 4 more screws
equally spaced between (6 screws total per side jamb).



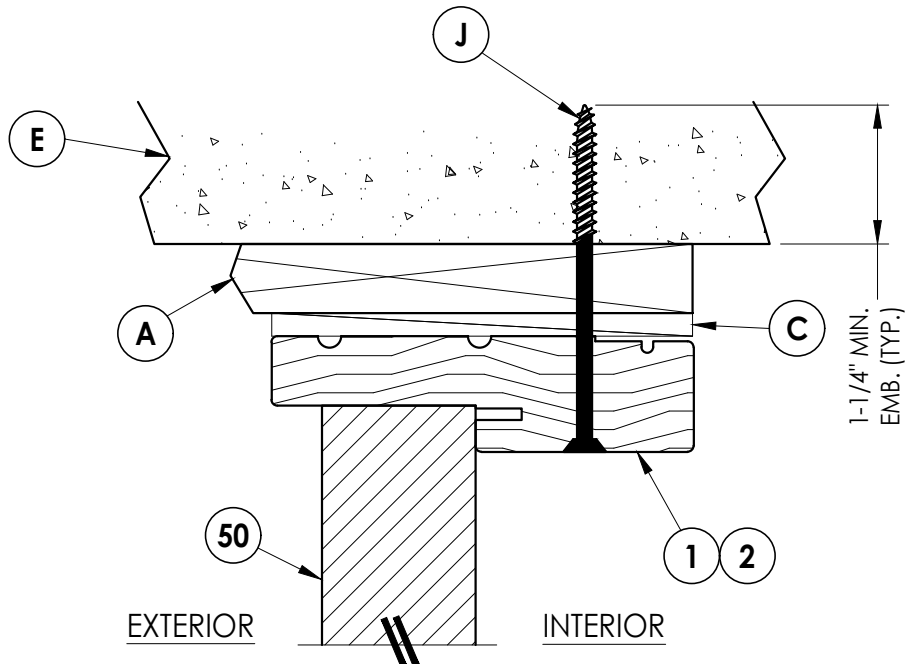
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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)

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

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

DATE: 4/06/20

SCALE: N.T.S.

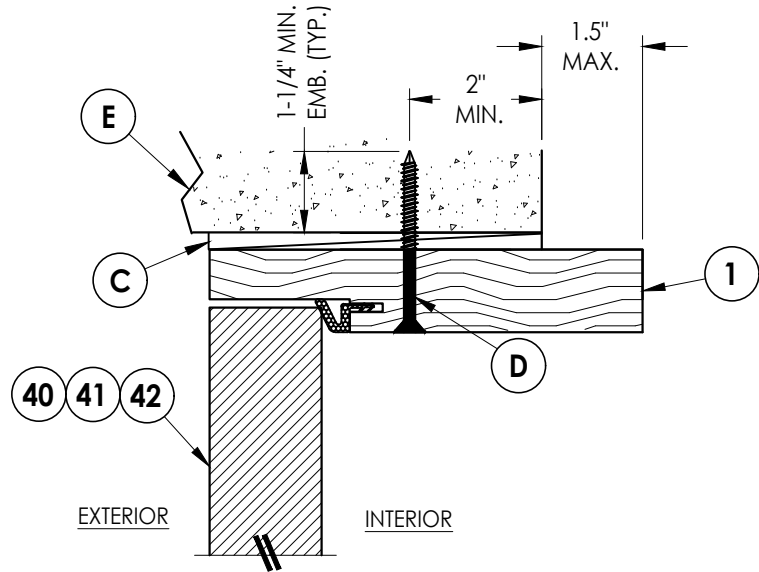
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CHK. BY: LFS

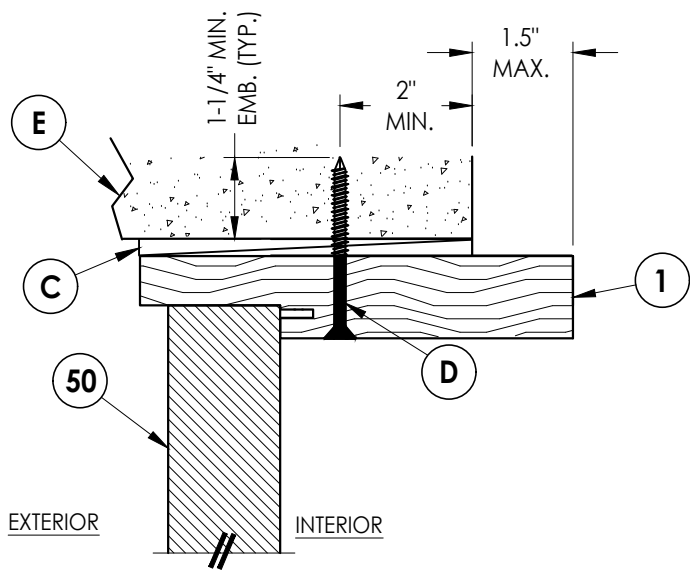
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FL-30482.11

SHEET 6 OF 13

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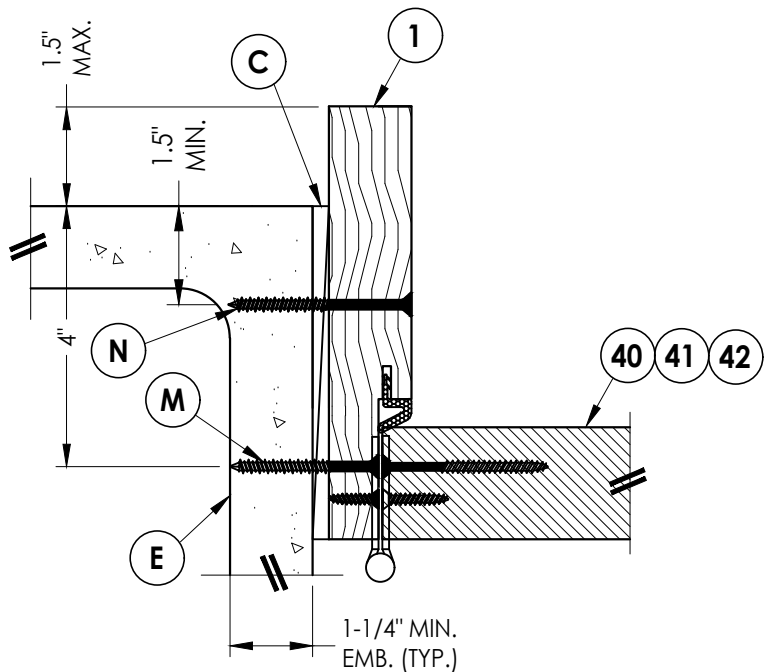
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7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



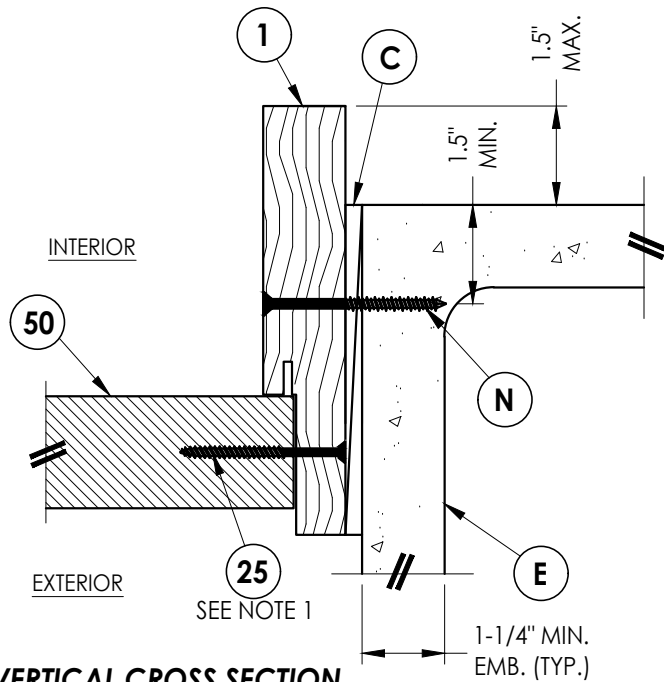
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7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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 **VERTICAL CROSS SECTION**
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 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

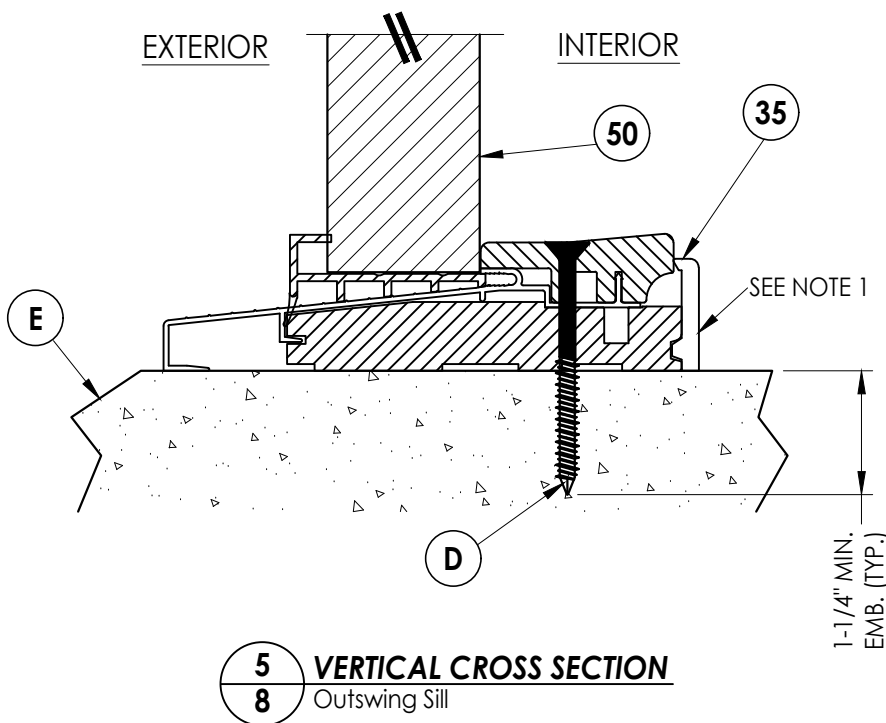
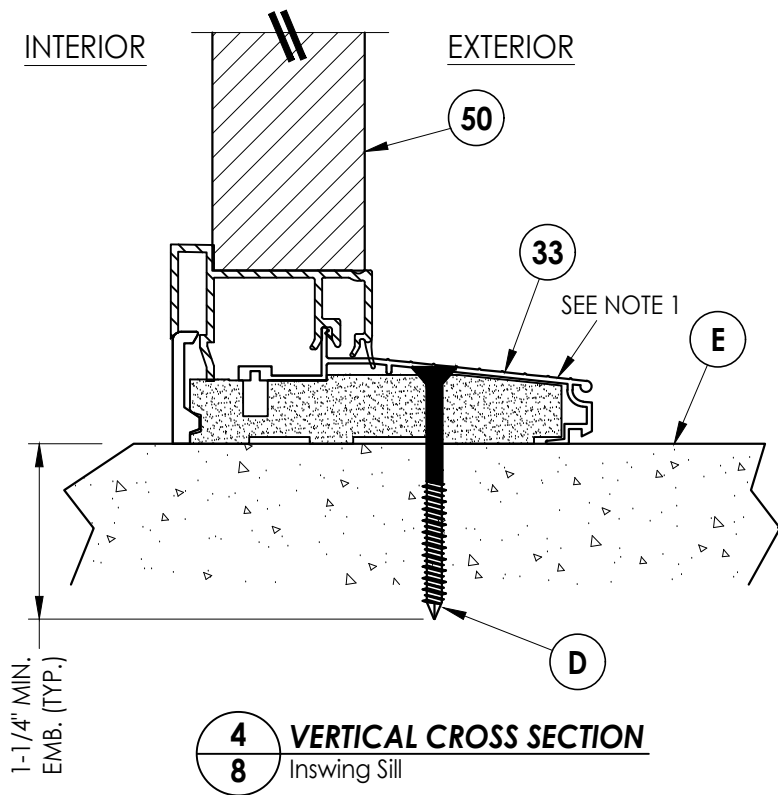
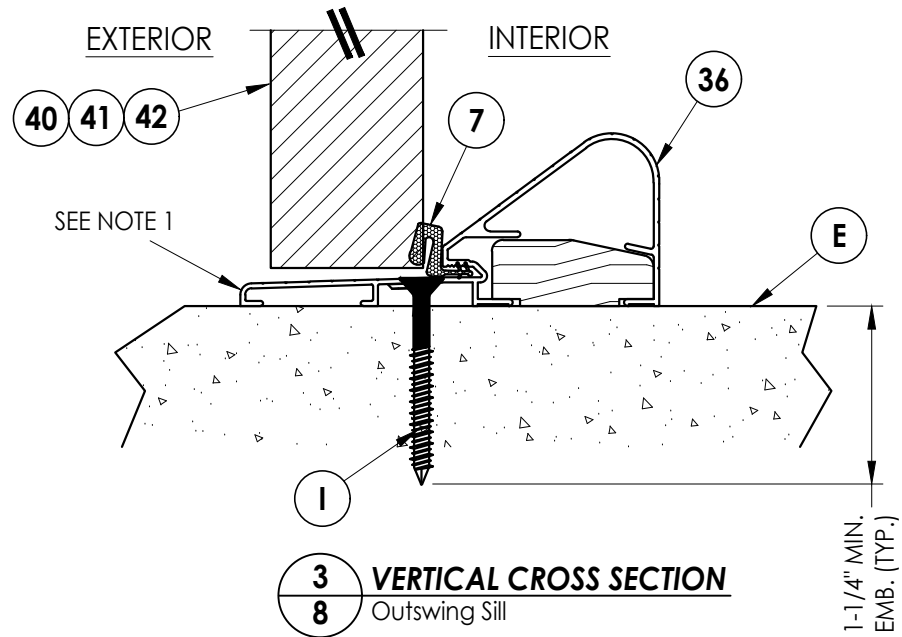
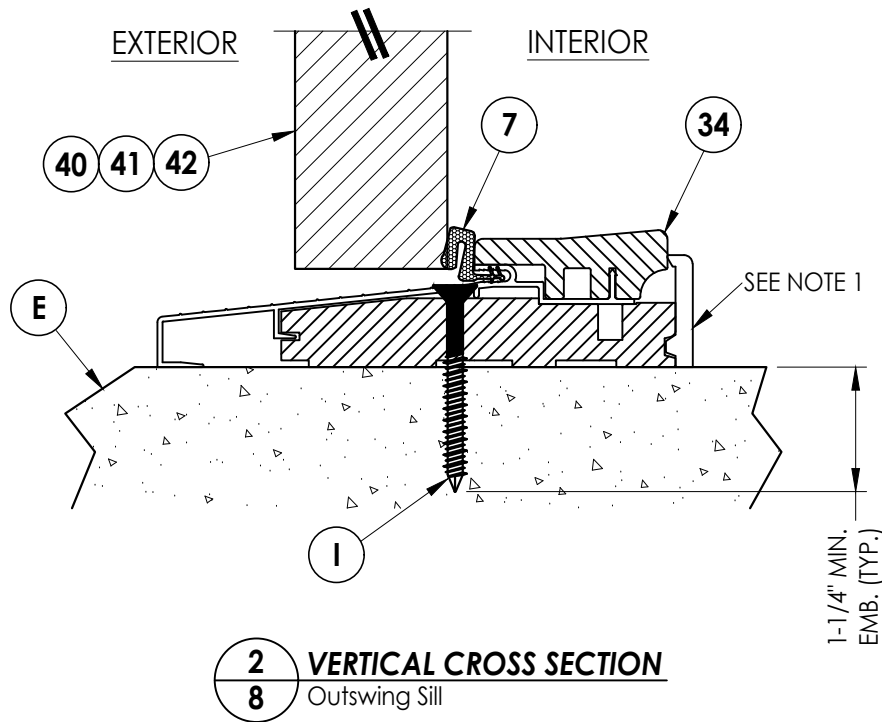
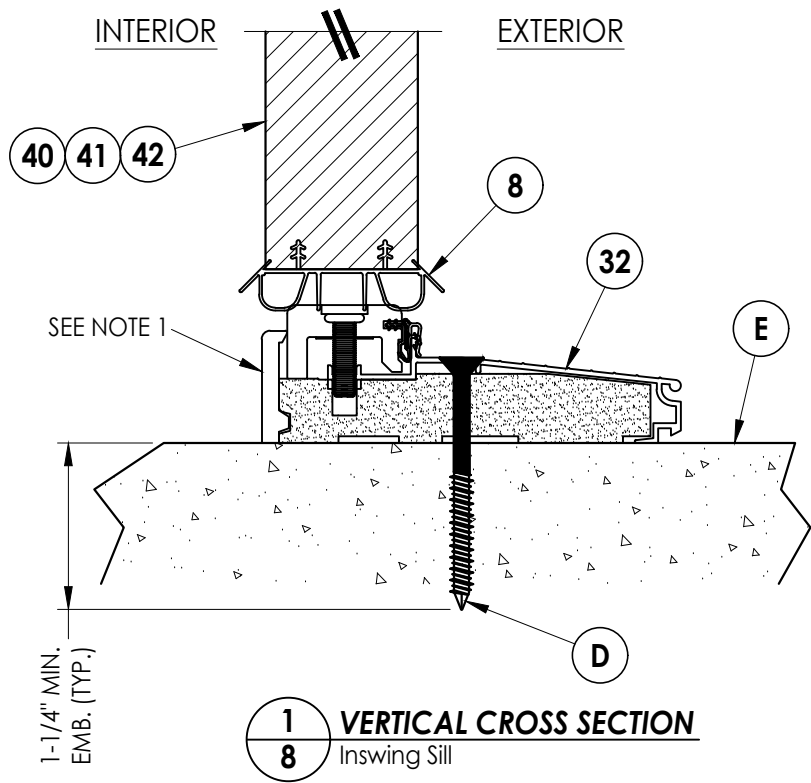
CHK. BY: LFS

DRAWING NO.:
FL-30482.11

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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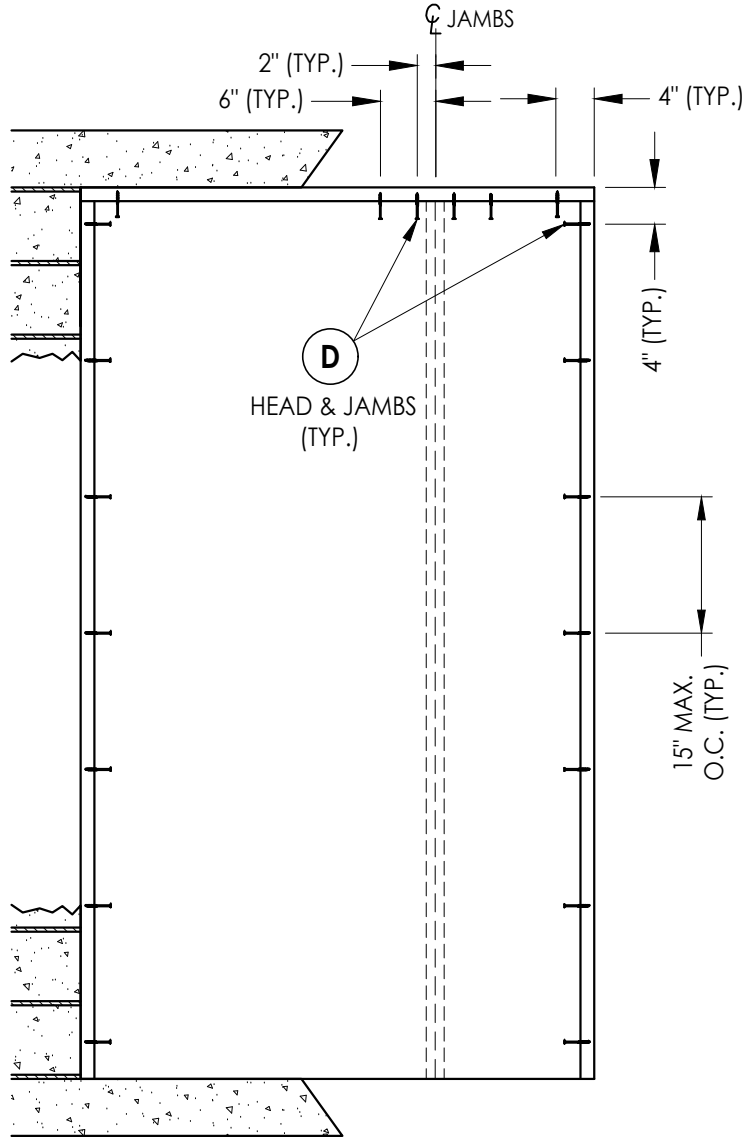
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

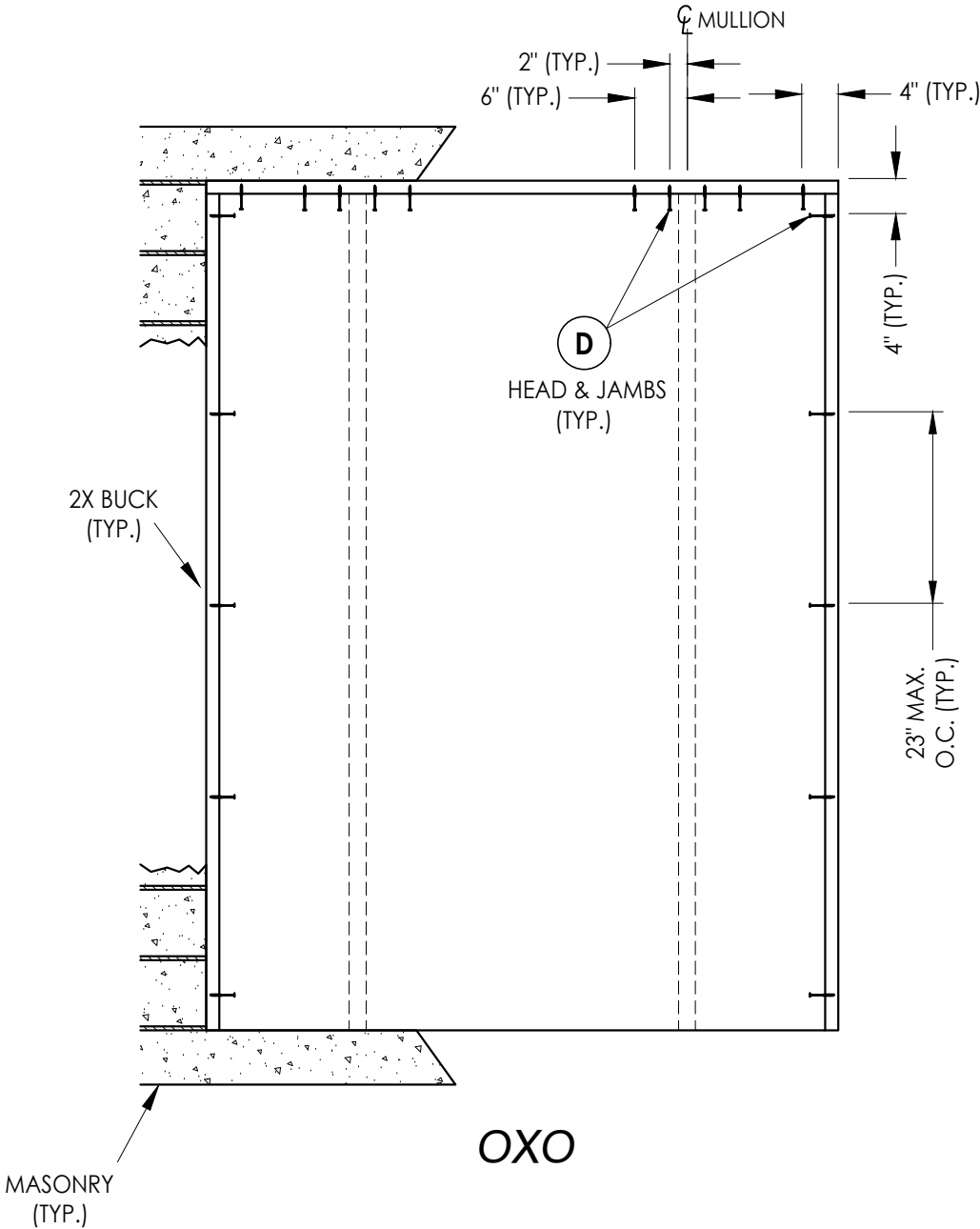
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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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

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SCALE: N.T.S.
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CHK. BY: LFS
DRAWING NO.:
FL-30482.11
SHEET 8 OF 13



XO/OX



OXO

2X BUCK ANCHORING

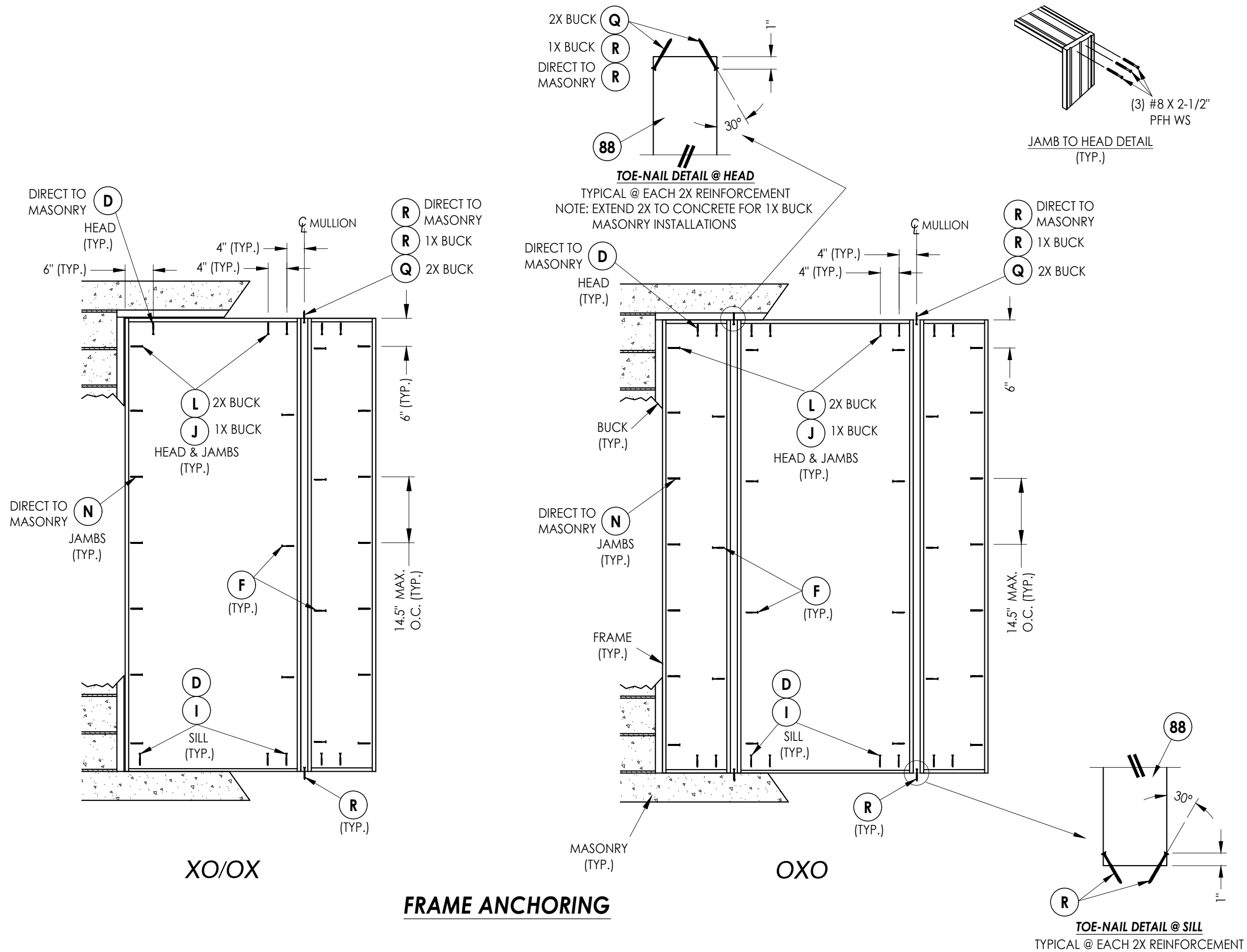
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1	7/23/20 UPDATE TO 7TH ED (2020) FBC LFS
NO.	DATE

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

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

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

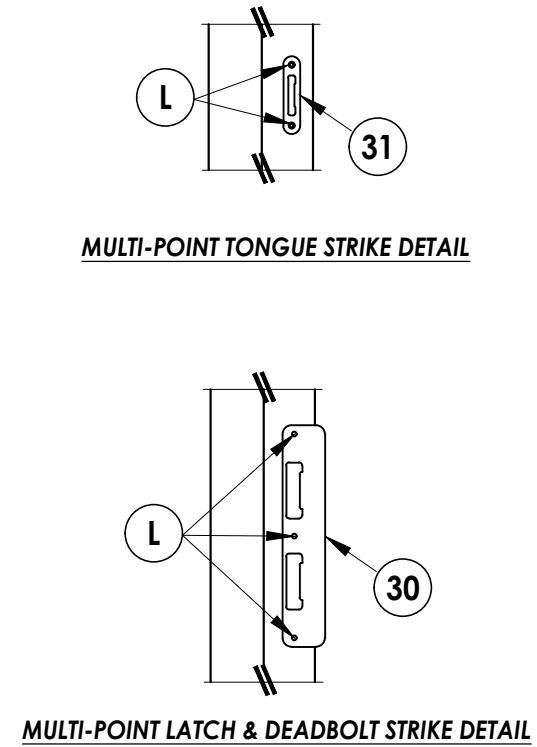
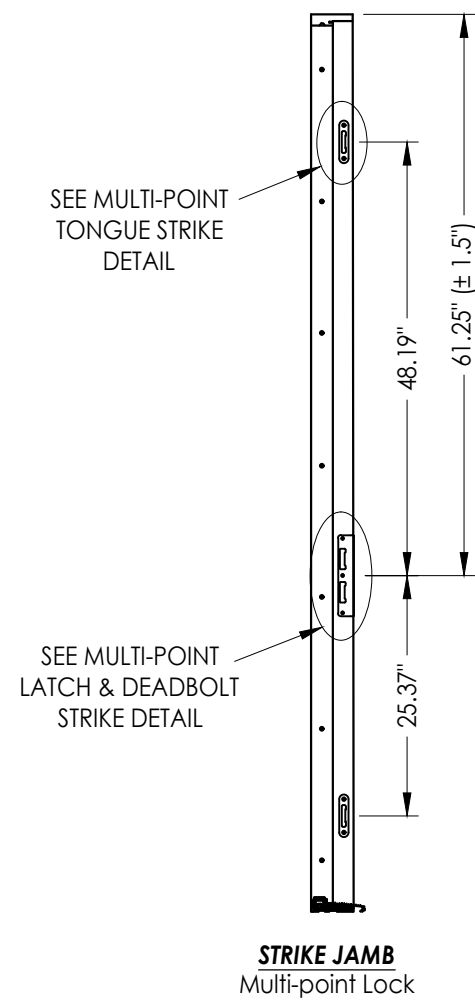
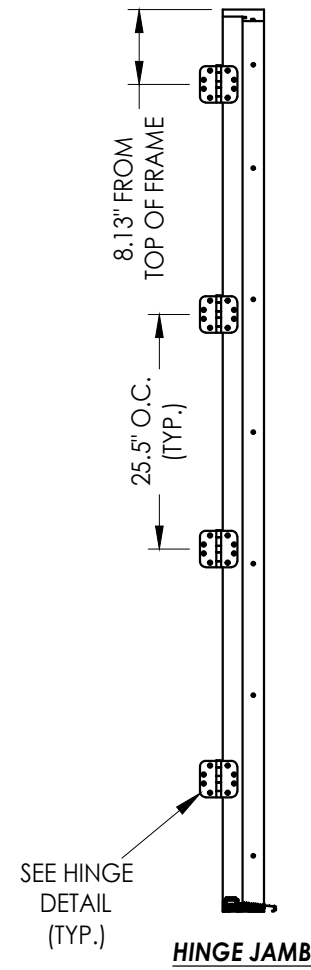
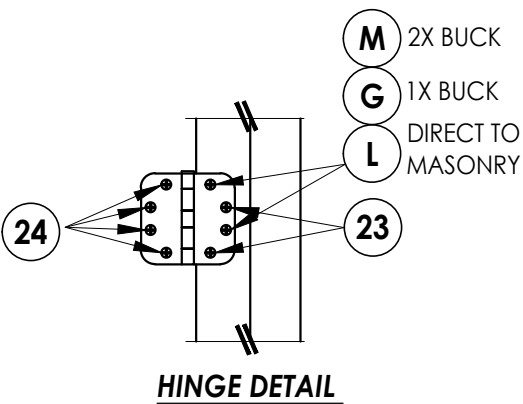
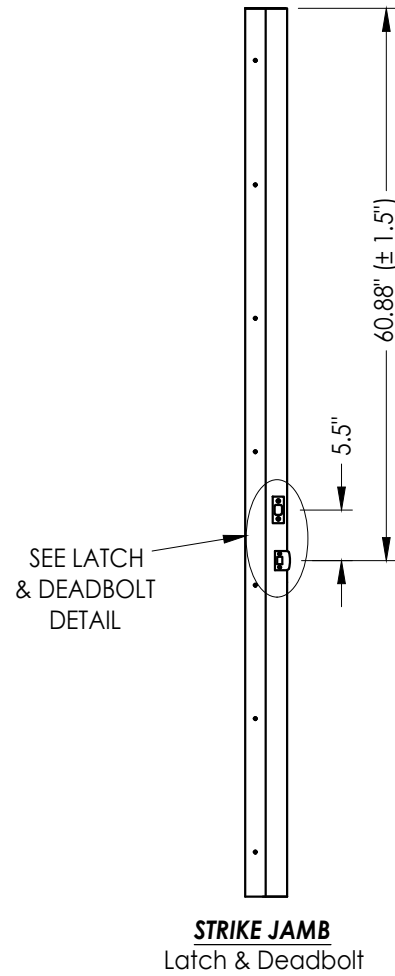
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SHEET	10 OF 13

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LATCH & DEADBOLT DETAIL
Kwikset

LATCH & DEADBOLT DETAIL
Schlage

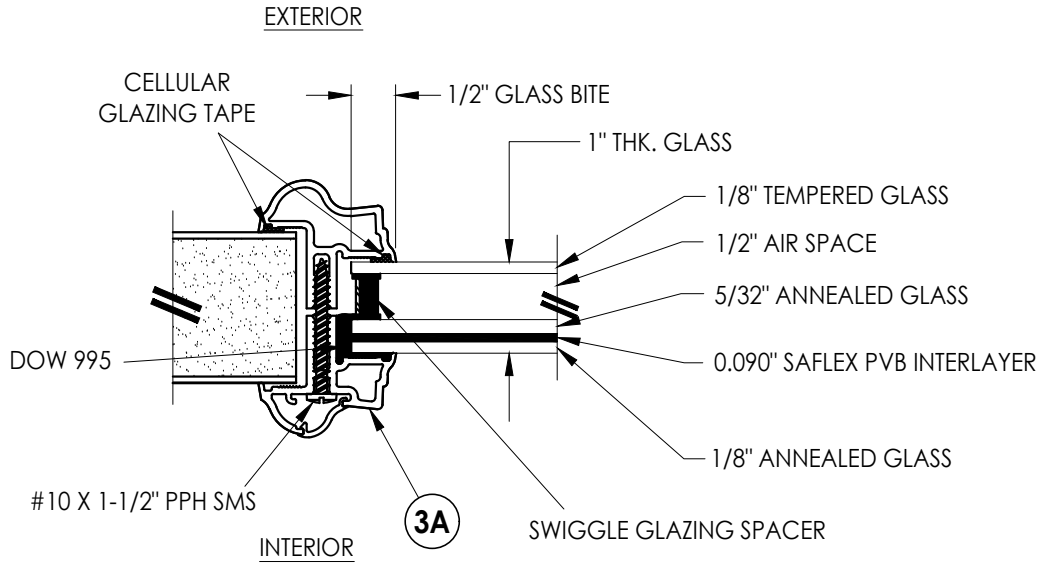
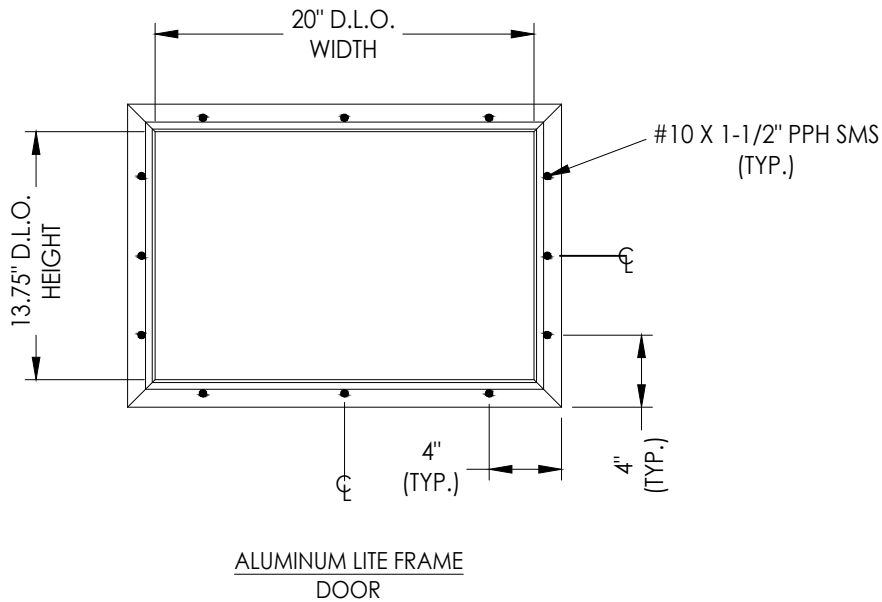
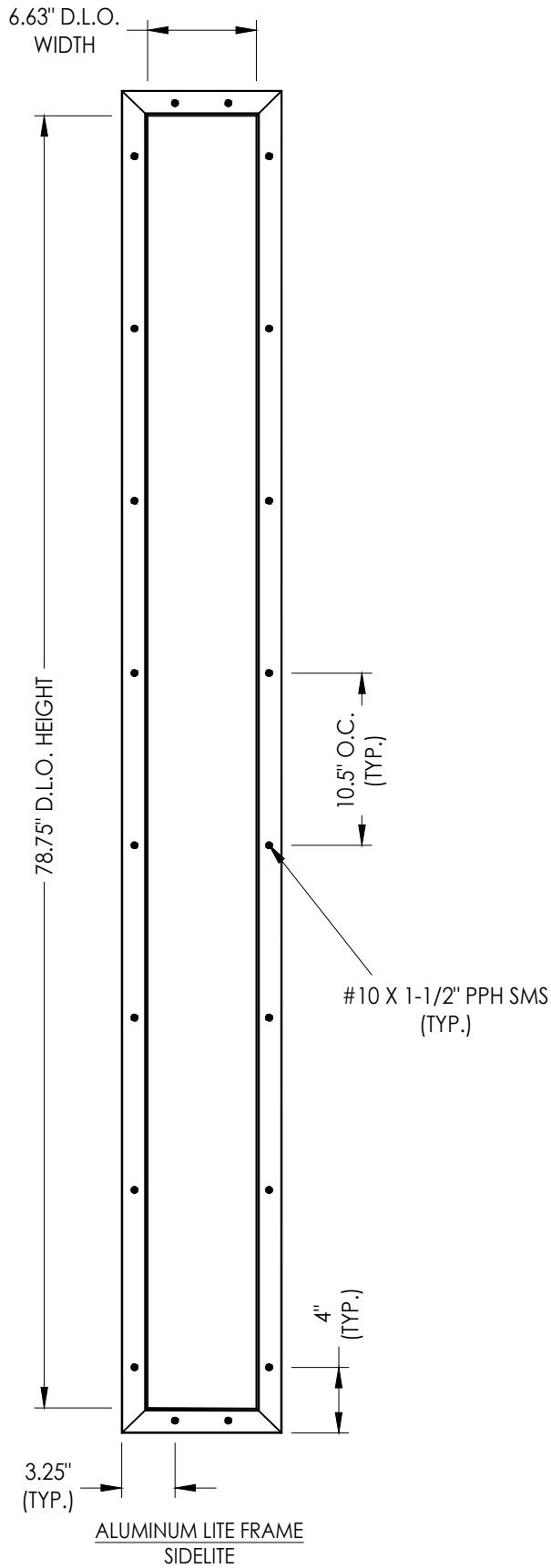


MULTI-POINT LOCK STRIKE DETAILS

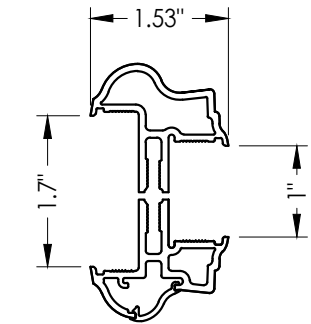
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G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



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

DATE: 4/06/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-30482.11	
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
		BY

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