



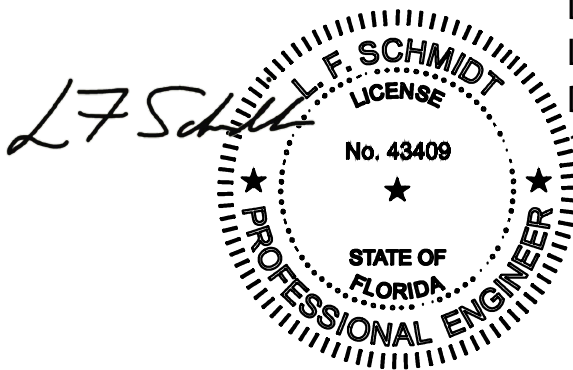
Fiber-Classic® & Smooth-Star®

**WOOD EDGE
GLAZED FIBERGLASS DOUBLE DOOR
w/ BLINDS BETWEEN GLASS
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 excludes 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.
6. Fiber-Classic & Smooth-Star Door panel require the use of "J" part numbers and must be stained or painted within six months of installation.

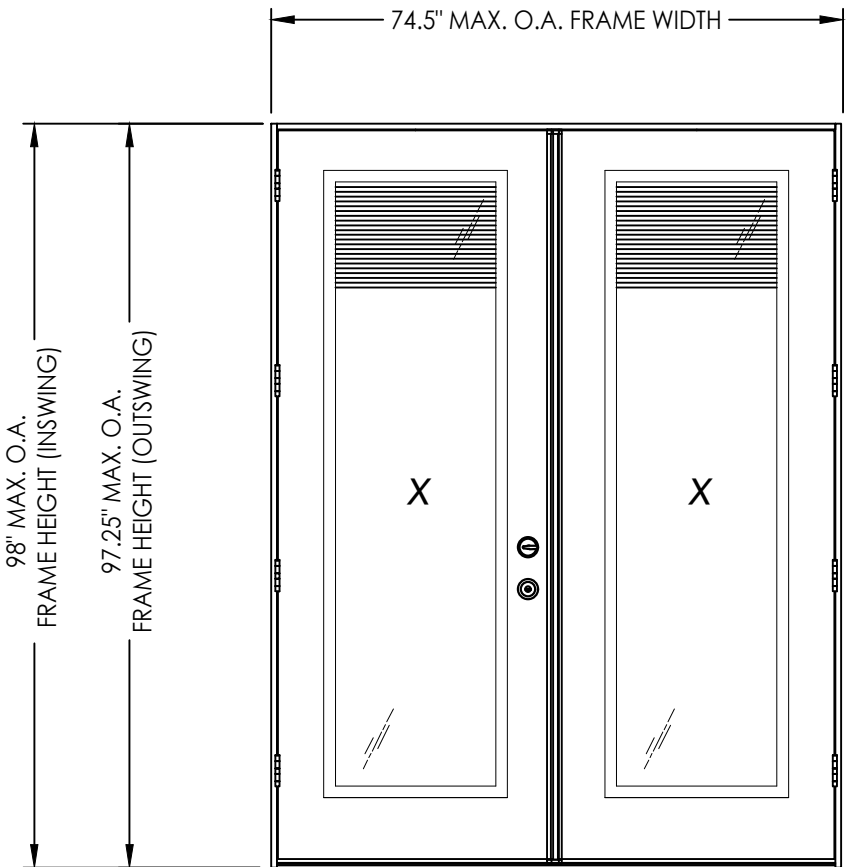
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7	Vertical Cross Sections (Thresholds)
8	Buck & Frame Anchoring
9	Hardware Details
10	Lite Frame & Glazing Details
11	Bill of Materials & Components



Digitally signed by
Lyndon F Schmidt
Date: 2026.08.10
15:27:11 -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



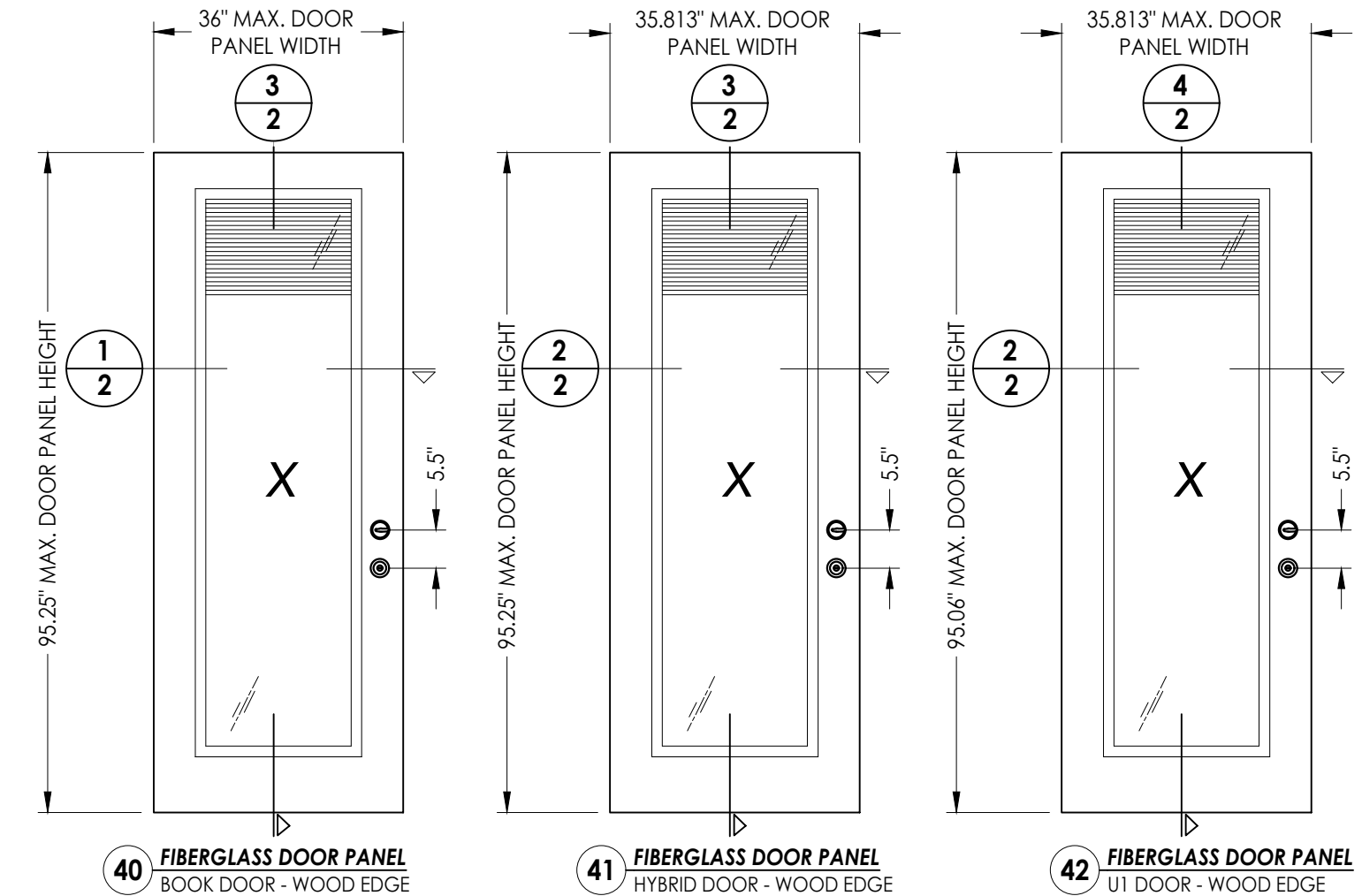
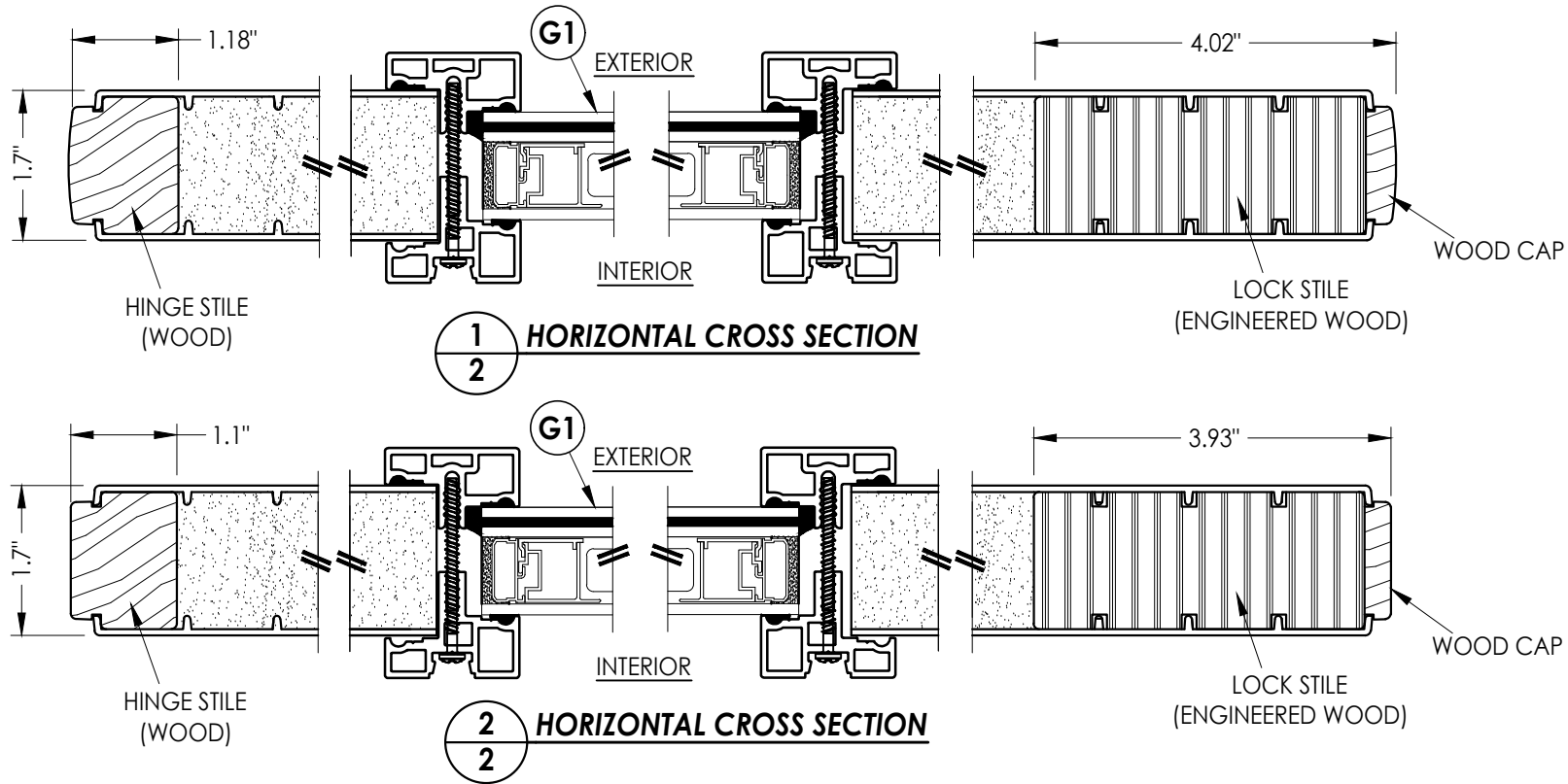
CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	+40.0	-45.0	+45.0	-45.0

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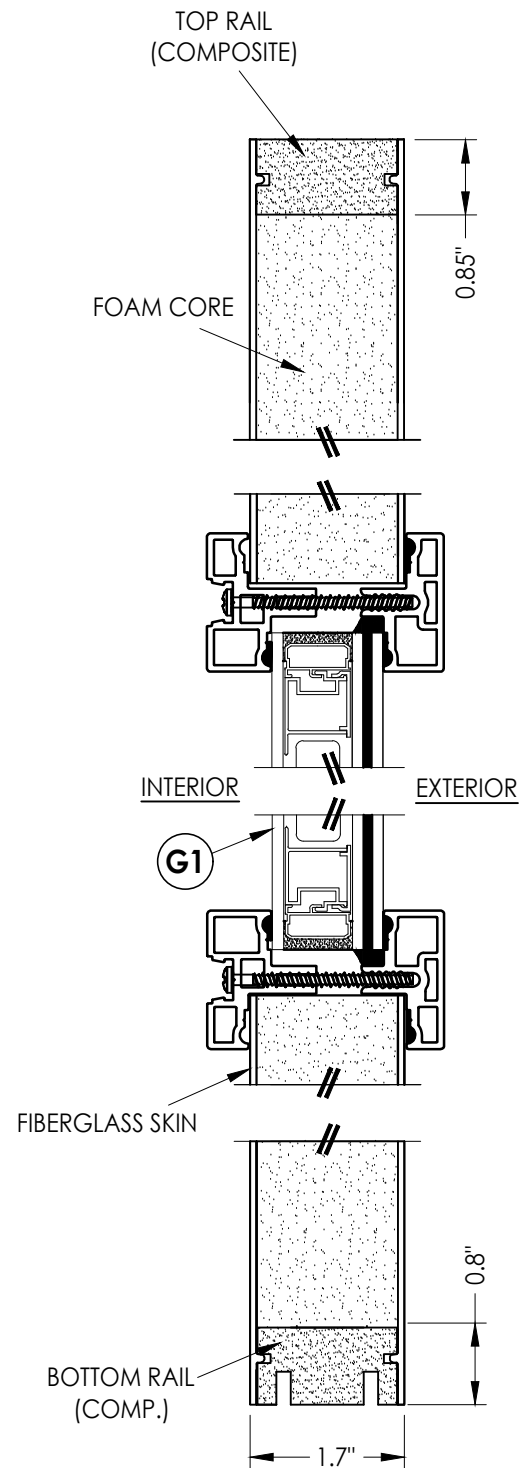
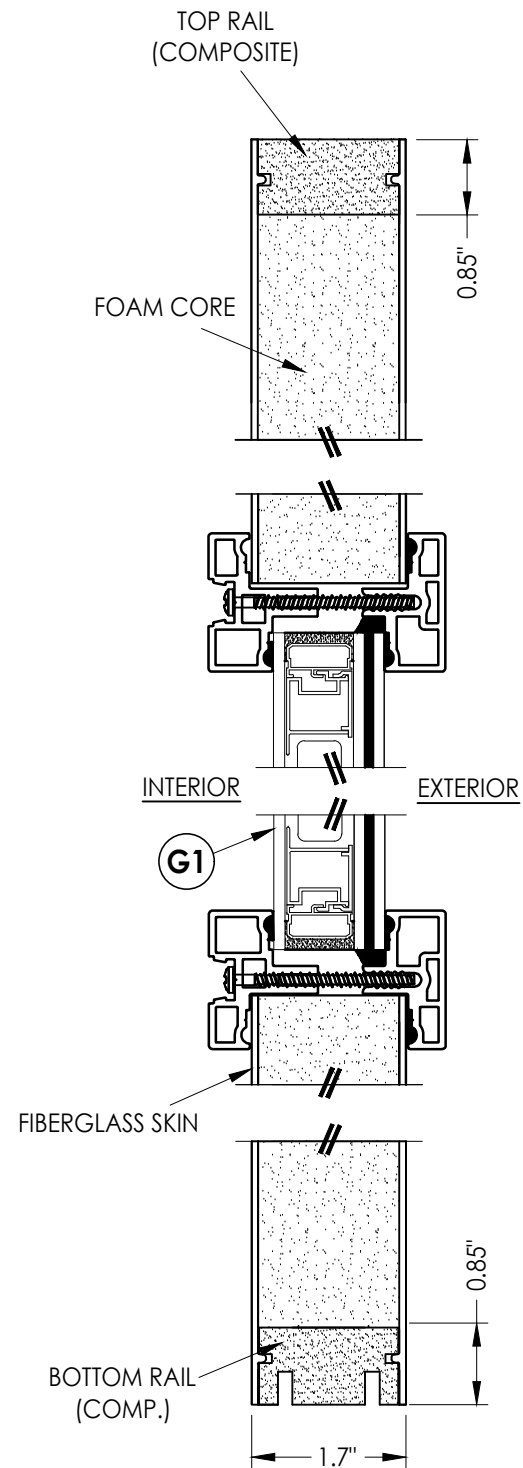
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

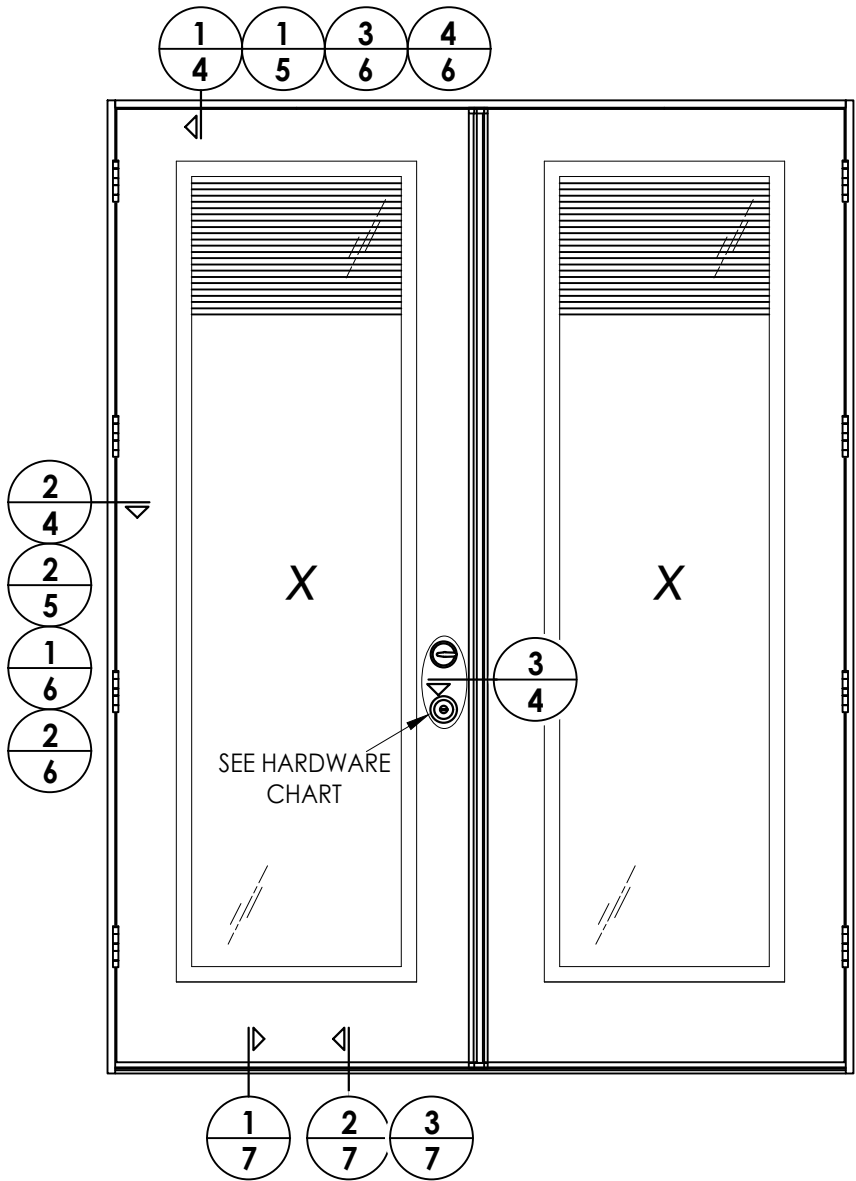
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FIBERGLASS SKIN: 0.082" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.



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

[illegible]

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

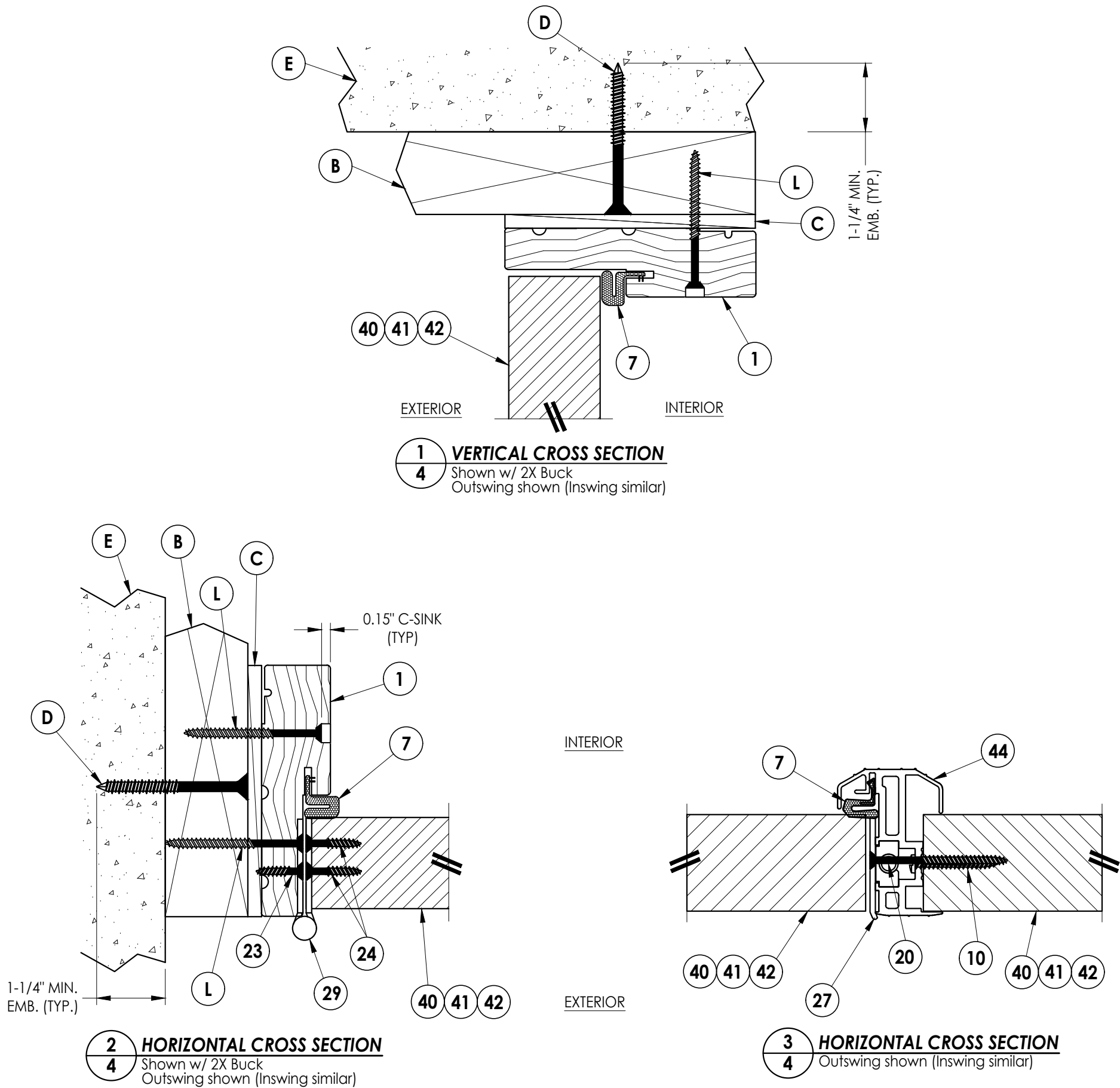
PART OR ASSEMBLY:

ELEVATIONS

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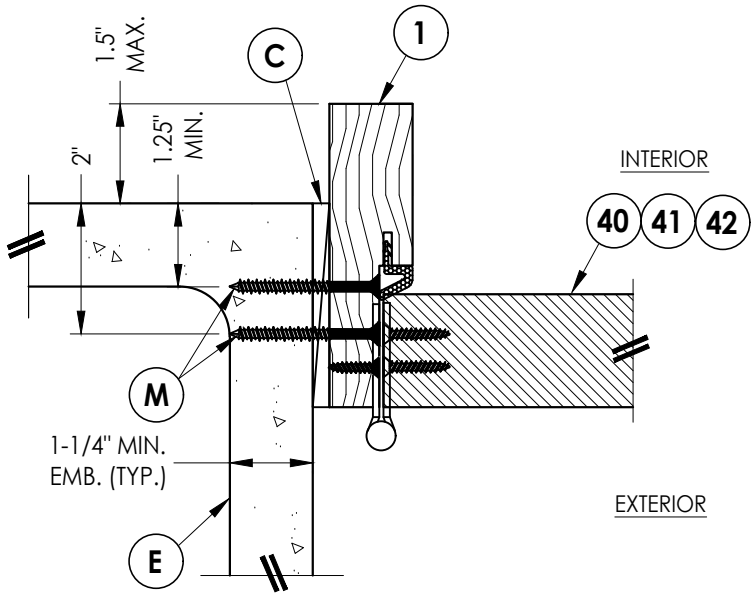
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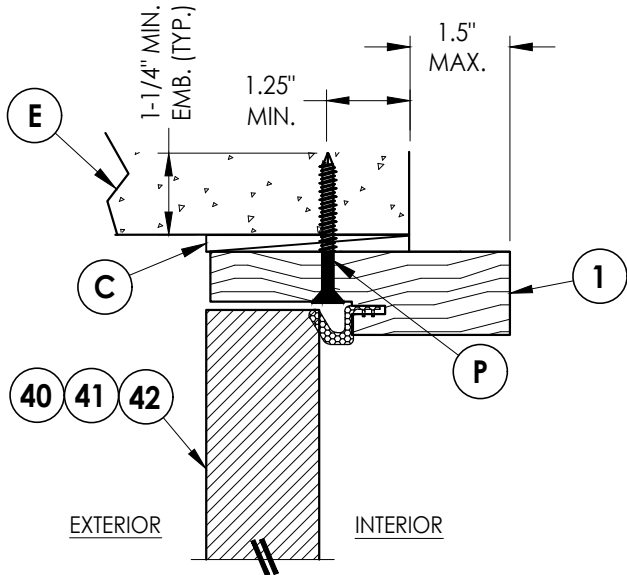


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PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)					
				LFS	FBC	LFS	BY
		2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
		1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO. DATE				REVISIONS			
DATE: 5/25/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-37183.9							
SHEET 4 OF 11							

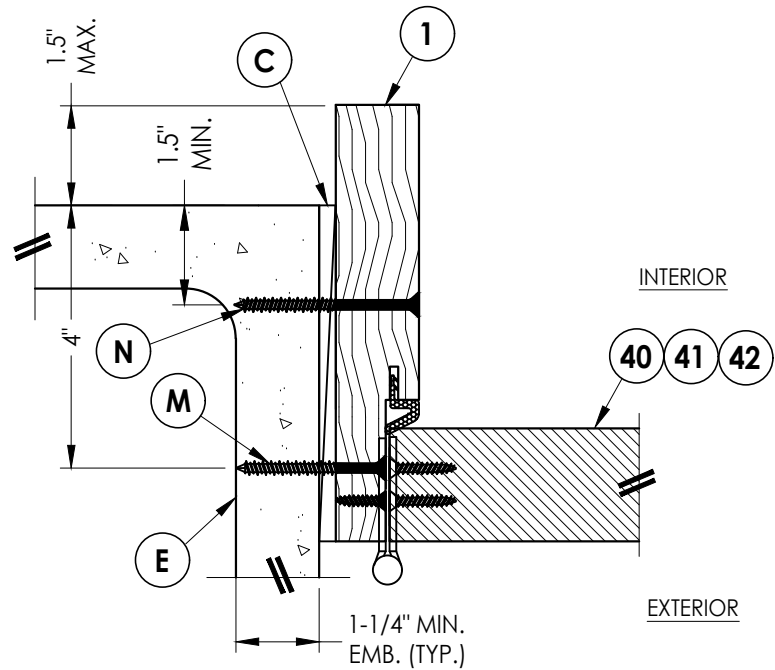
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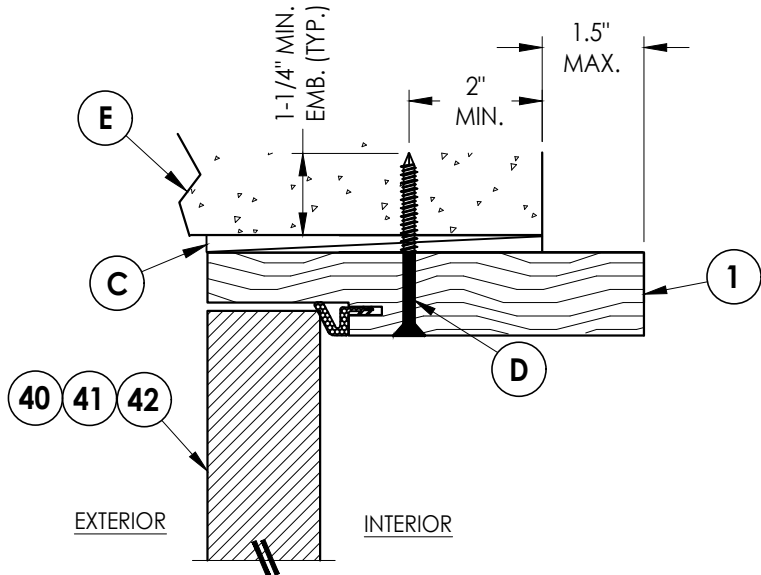
1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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



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

DATE: 5/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-37183.9

SHEET 6 OF 11

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

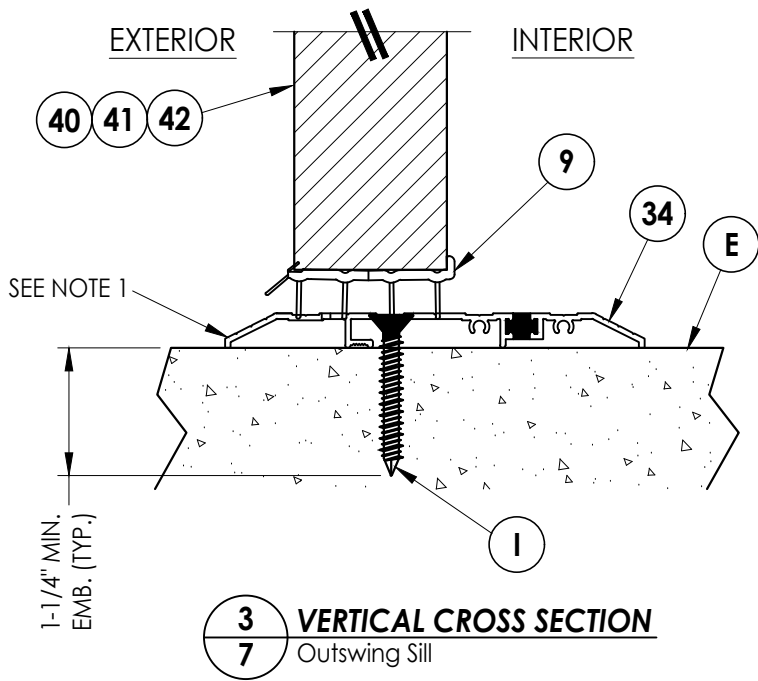
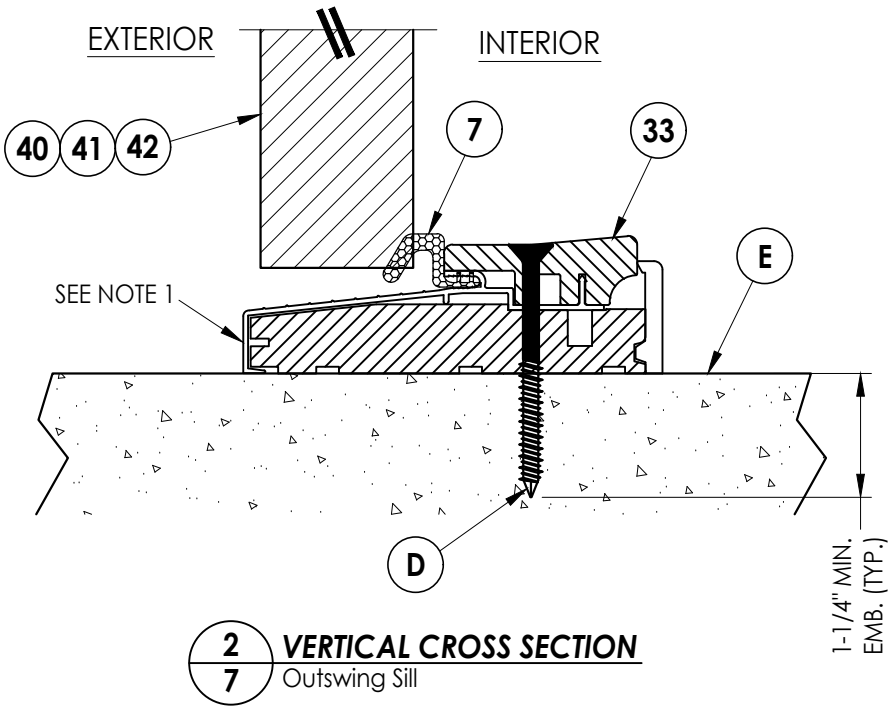
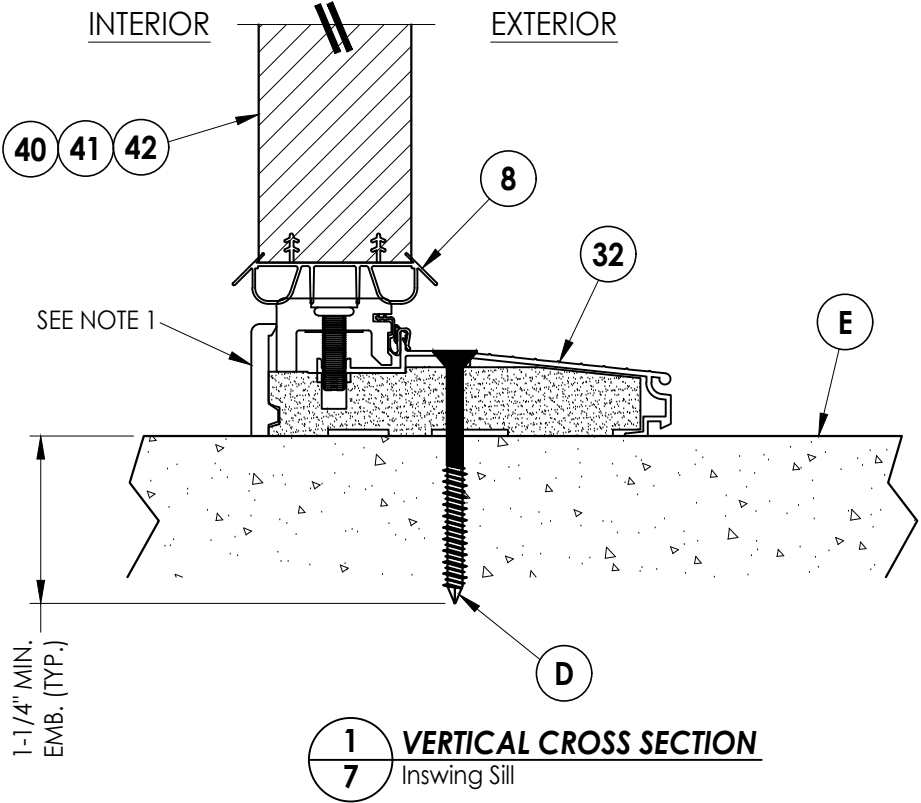
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

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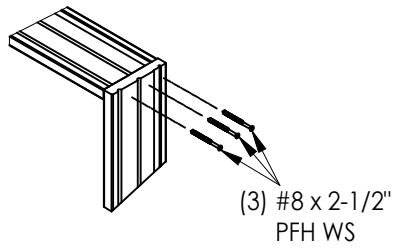
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- Notes:
- 1. Sill Item #32 is attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
 - Sill Item #33 is attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
 - Sill Item #34 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.

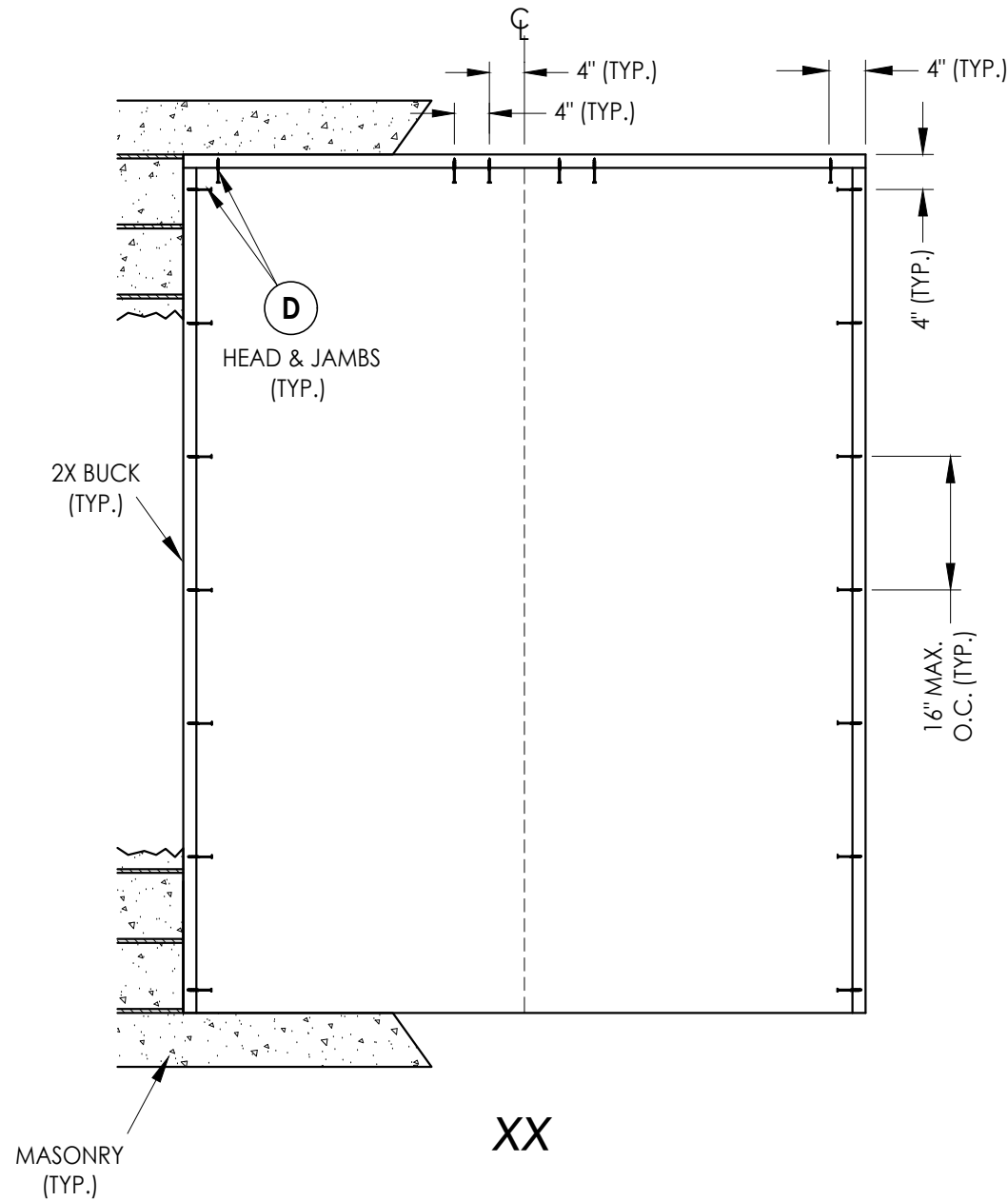


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PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)				
				2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
				1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
				NO.	DATE			BY
REVISIONS								
DATE: 5/25/21								
SCALE: N.T.S.								
DWG. BY: RW								
CHK. BY: LFS								
DRAWING NO.: FL-37183.9								
SHEET 7 OF 11								

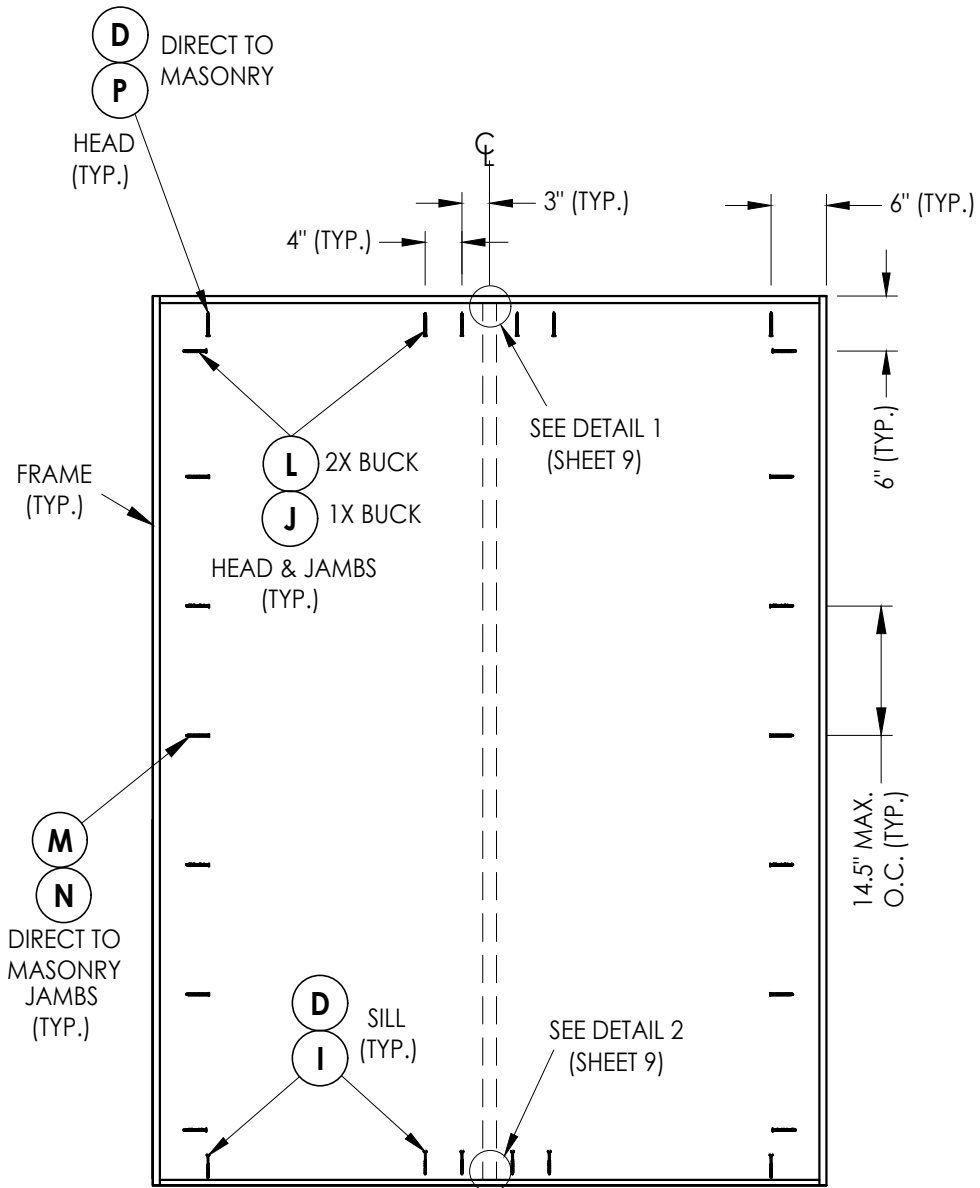
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JAMB TO HEAD DETAIL
(TYP.)



2X BUCK ANCHORING



FRAME ANCHORING

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

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

DATE: 5/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-37183.9

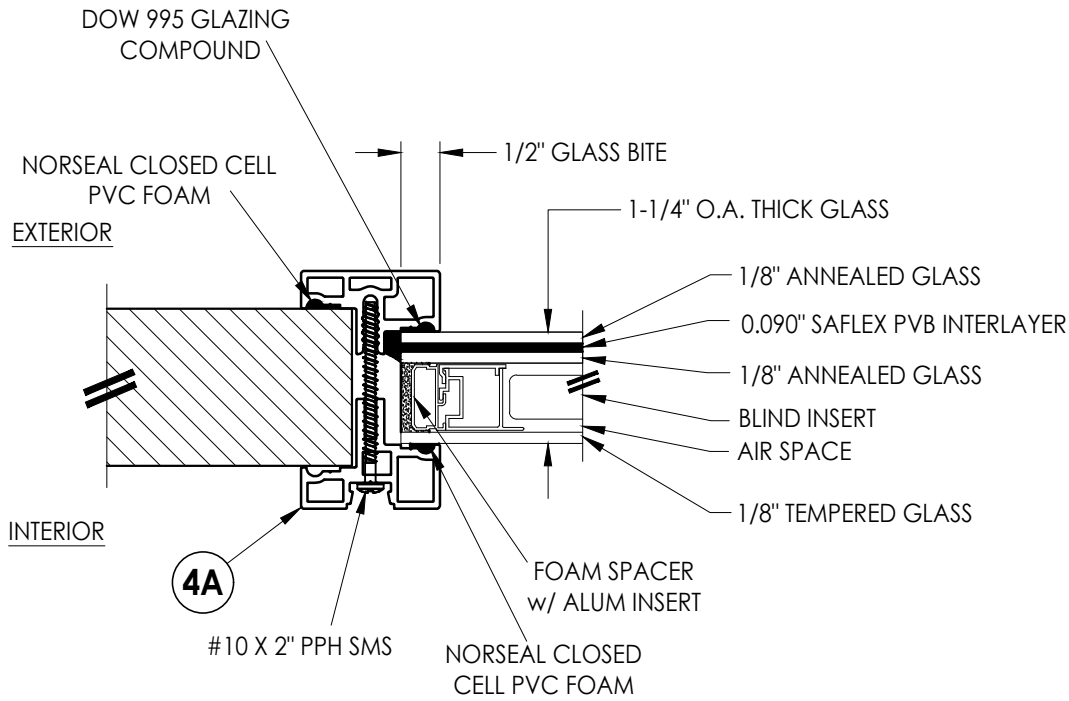
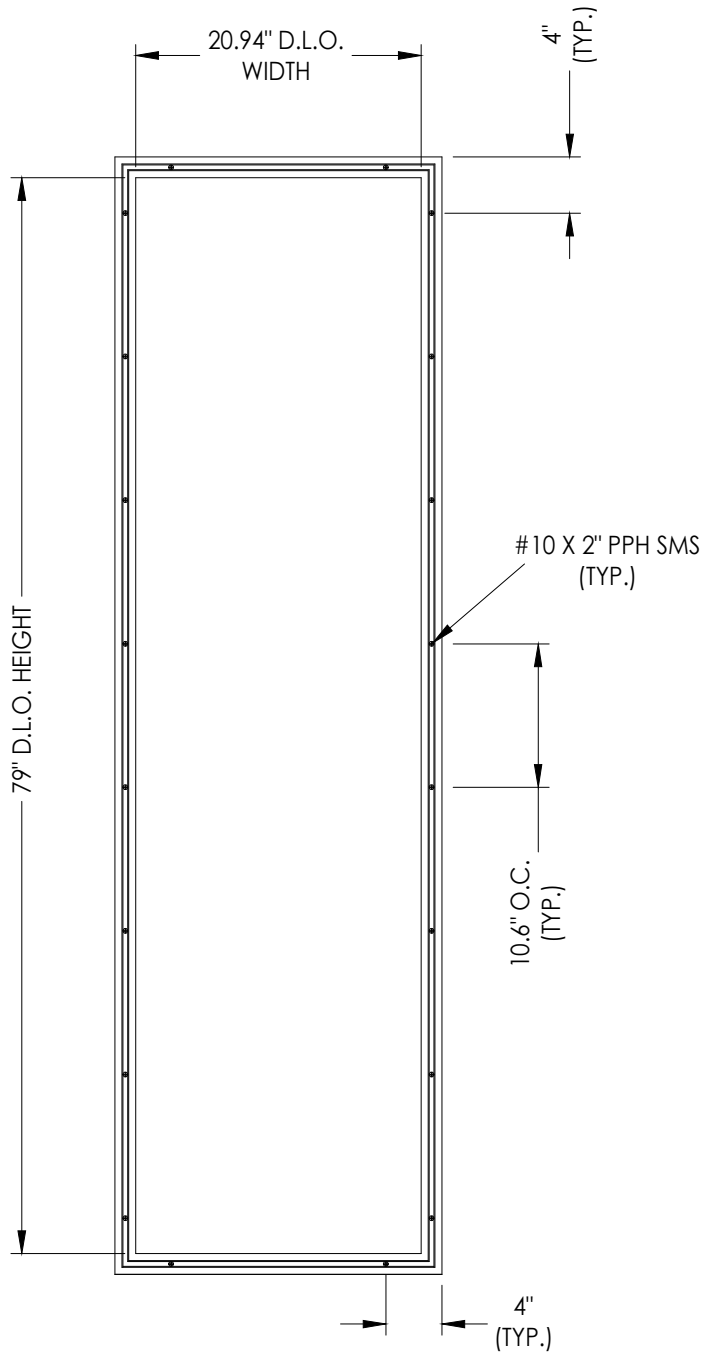
SHEET 8 OF 11

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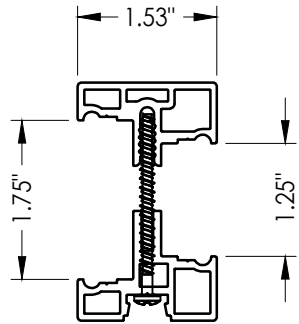
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

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G1 GLAZING DETAIL
1-1/4" Insulated Laminated Glass
w/ Internal Blinds

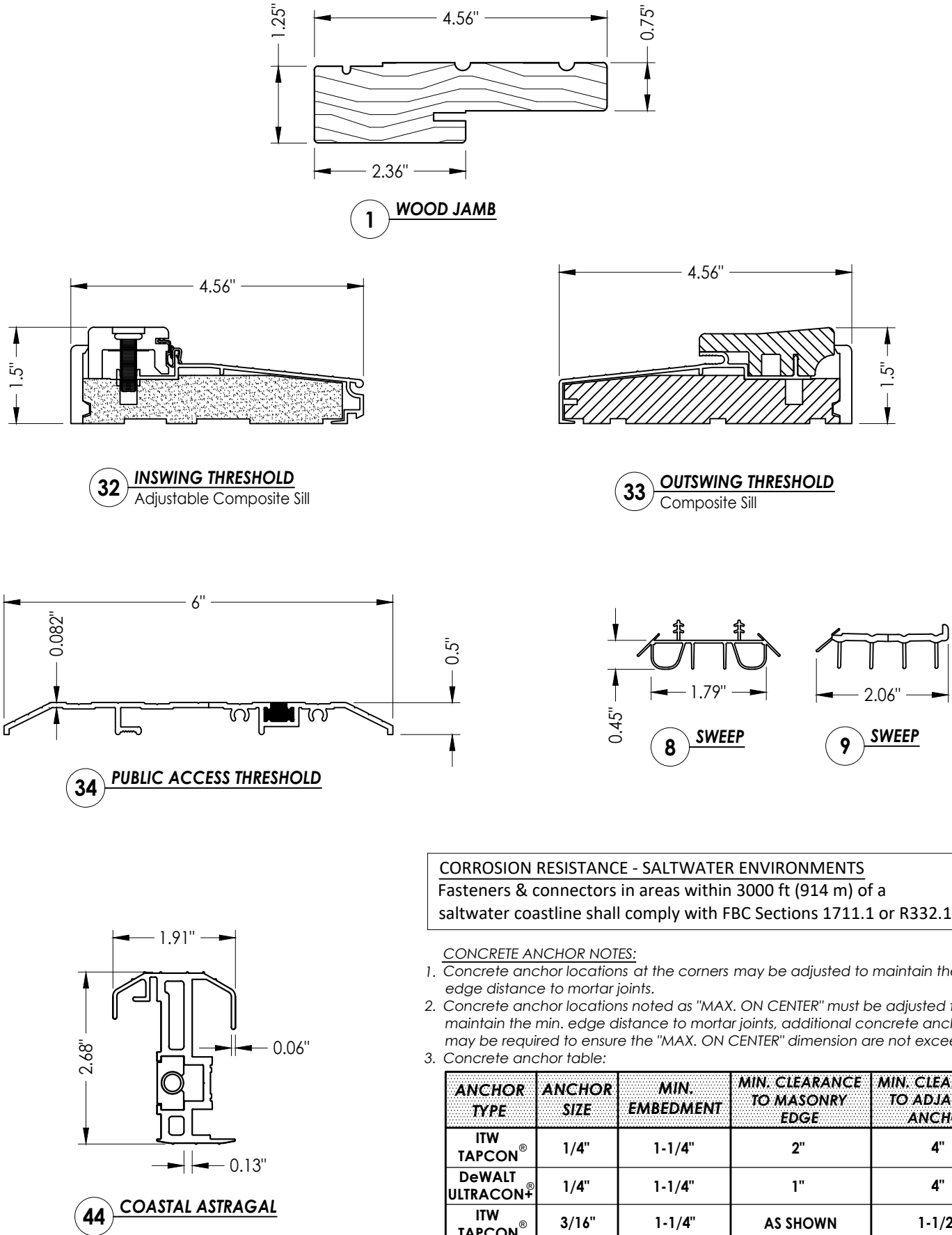


4A ALUMINUM IMPACT LITE FRAME

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PRODUCT:		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY:		LITE FRAME & GLAZING DETAILS	
				2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
				1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC LFS
				NO.	DATE		BY
				REVISIONS			
DATE: 5/25/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-37183.9							
SHEET 10 of 11							

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-3/4" PFH ELCO CONCRETE SCREW	STEEL
1	WOOD JAMB (FINGER JOINT PINE)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL
10	#10 X 1-1/2" PPH SMS	STEEL
20	#8 X 2-1/2" PFH WOOD SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
24	#9 X 1" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
32	INSWING THRESHOLD	ALUM/COMP
33	OUTSWING THRESHOLD	ALUM/COMP
34	PUBLIC ACCESS THRESHOLD	ALUM
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
44	COASTAL ASTRAGAL (THERMA-TRU)	ALUM
80	COASTAL ASTRAGAL STRIKE PLATE	STEEL



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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

DATE: 5/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-37183.9

SHEET 11 OF 11

REVISIONS

NO	DATE	BY
2	7/01/26	LFS
1	7/27/23	FBC

UPDATE TO 9TH ED. (2026) FBC
UPDATE TO 8TH ED. (2023) FBC

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