



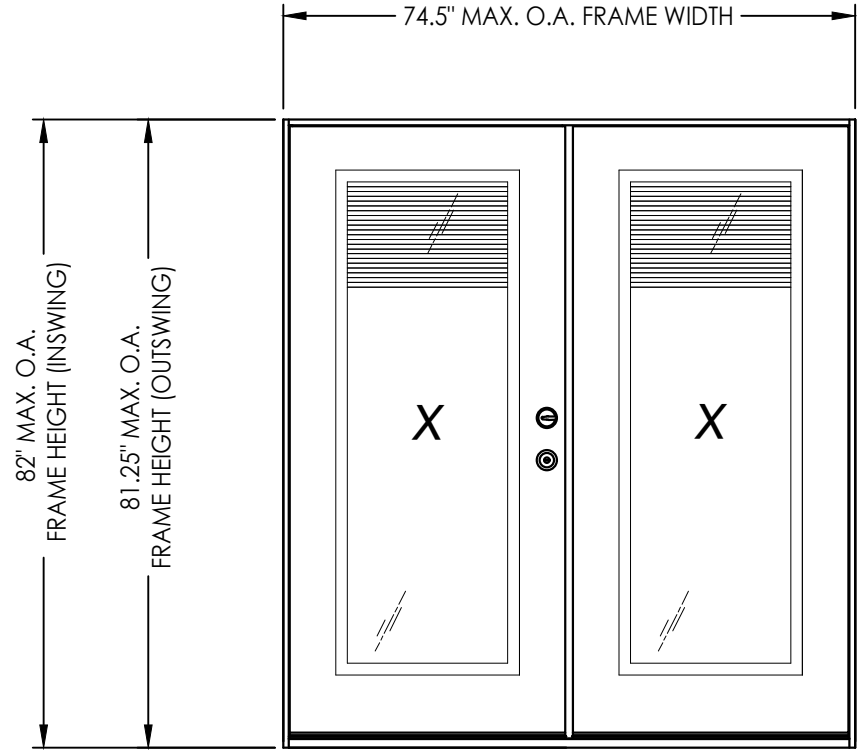
Fiber-Classic® & Smooth-Star®

WOOD EDGE
GLAZED FIBERGLASS DOUBLE DOOR
w/ BLINDS BETWEEN GLASS
INSWING/OUTSWING
"IMPACT"

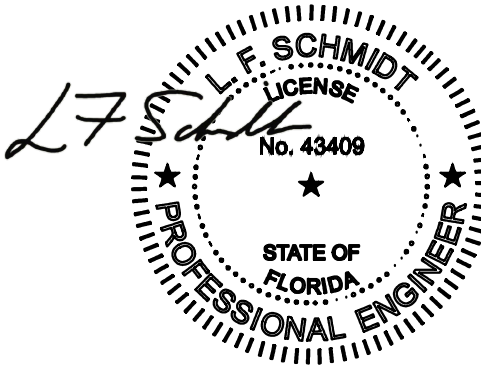
GENERAL NOTES

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)
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10	Life Frame & Glazing Details
11	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	+45.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.10 15:23:13 -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

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

THERMA-TRU
FIBERGLASS DOOR

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

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

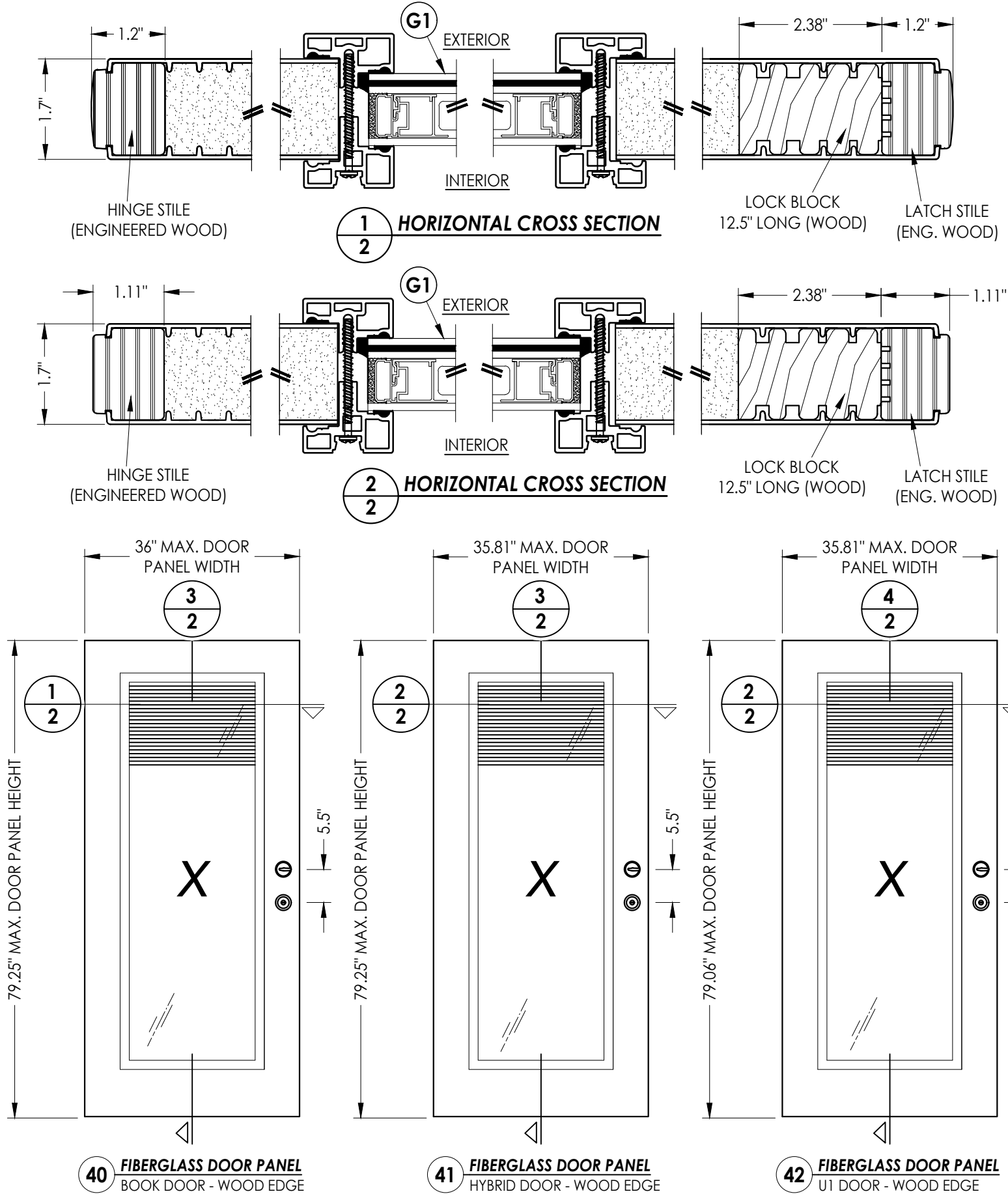
CHK. BY: LFS

DRAWING NO.: FL-37183.3

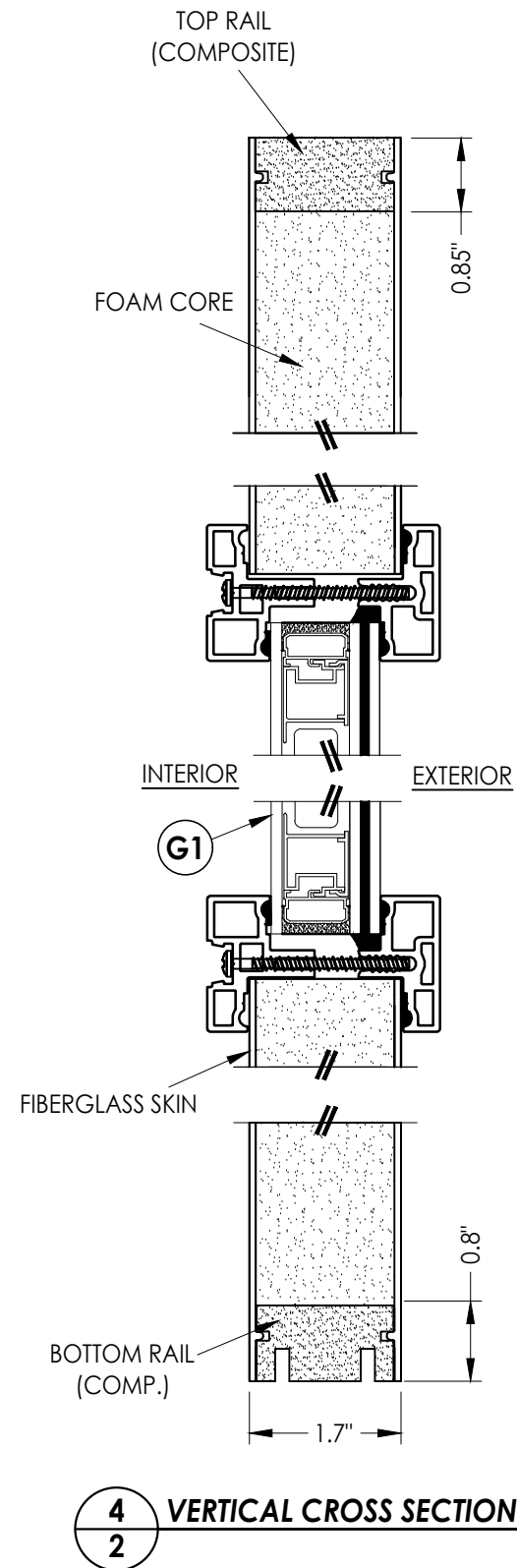
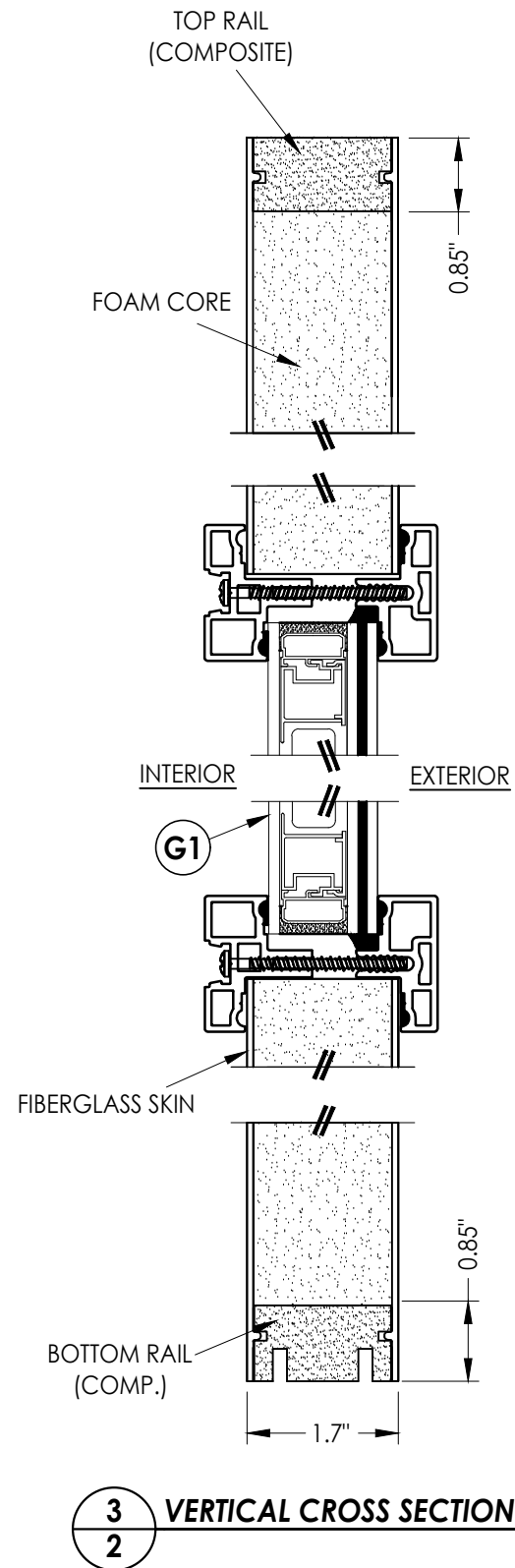
SHEET 1 OF 11

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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FIBERGLASS SKIN: 0.073" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.



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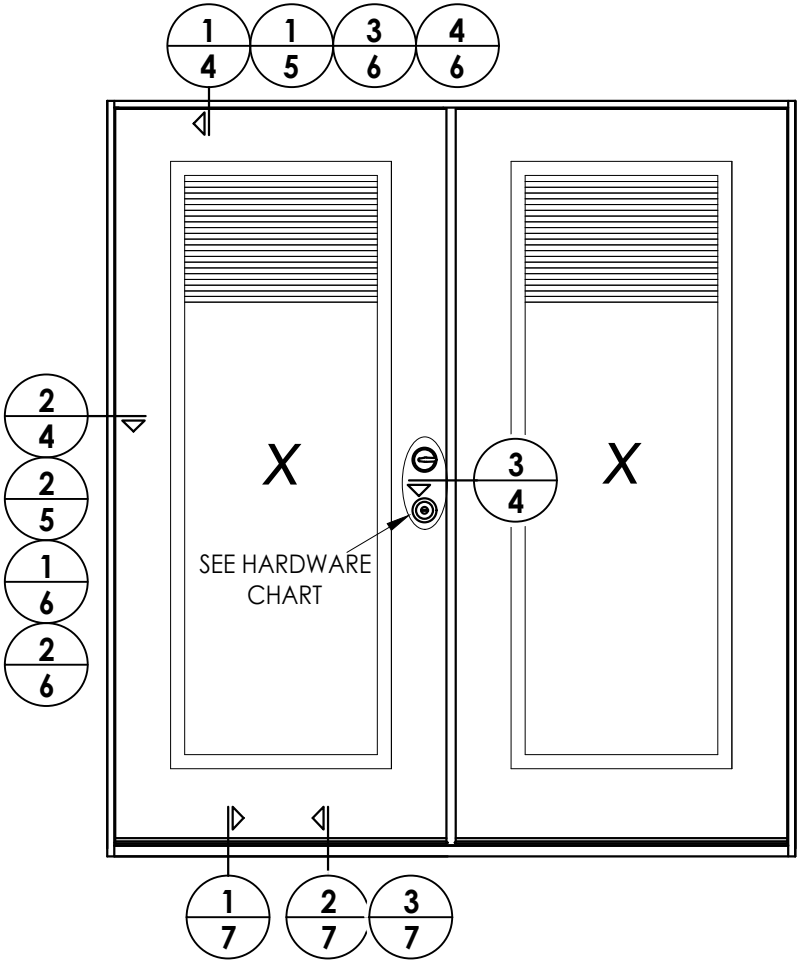
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

DATE: 5/25/21
SCALE: N.T.S.
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SHEET 2 OF 11

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

DATE: 5/25/21

SCALE: N.T.S.

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CHK. BY: LFS

DRAWING NO.: FL-37183.3

SHEET 3 OF 11

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		
			BY	

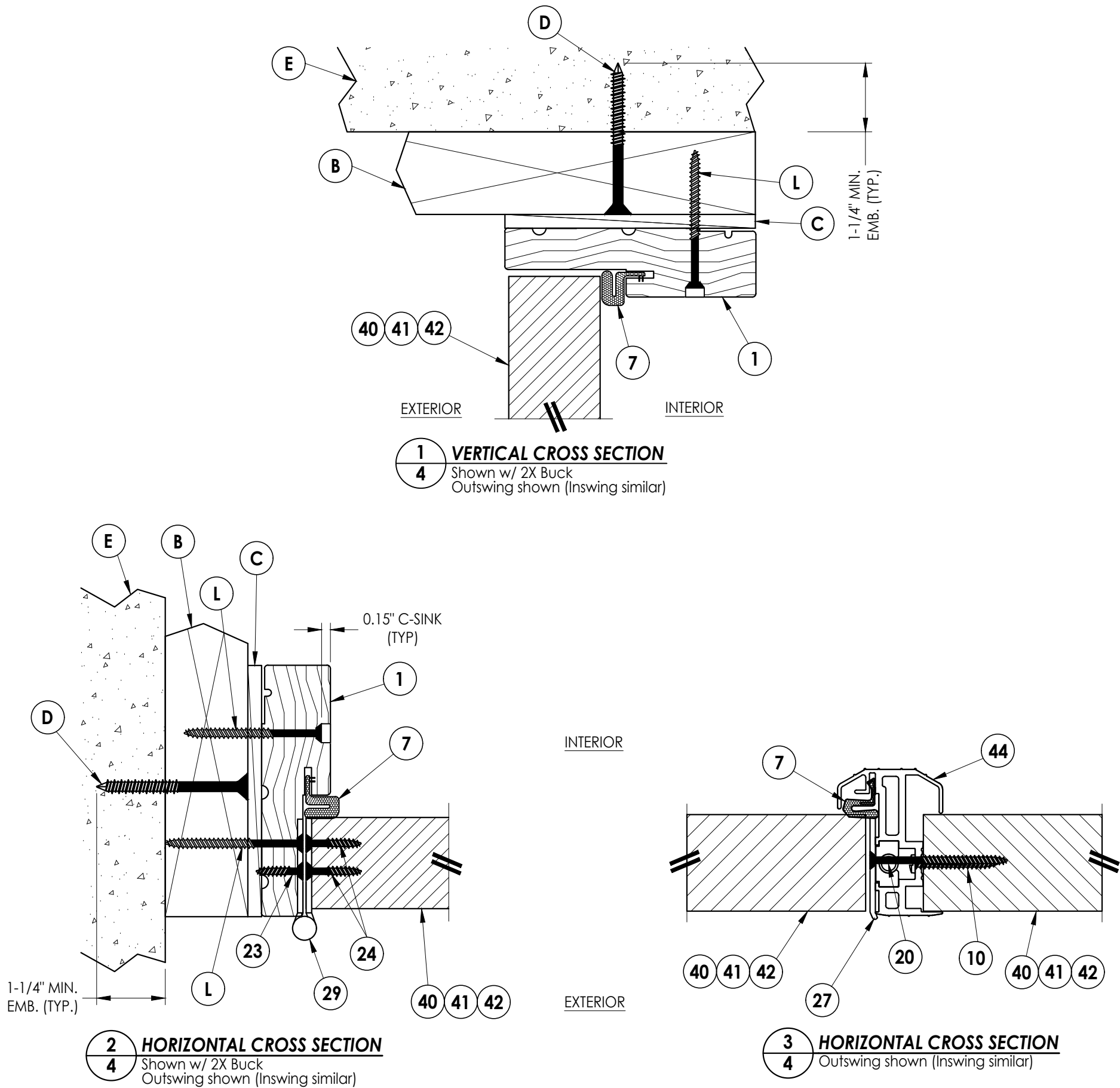
PRODUCT: THERMA-TRU FIBERGLASS DOOR

PART OR ASSEMBLY: ELEVATIONS

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

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

DATE: 5/25/21

SCALE: N.T.S.

DWG. BY: RW

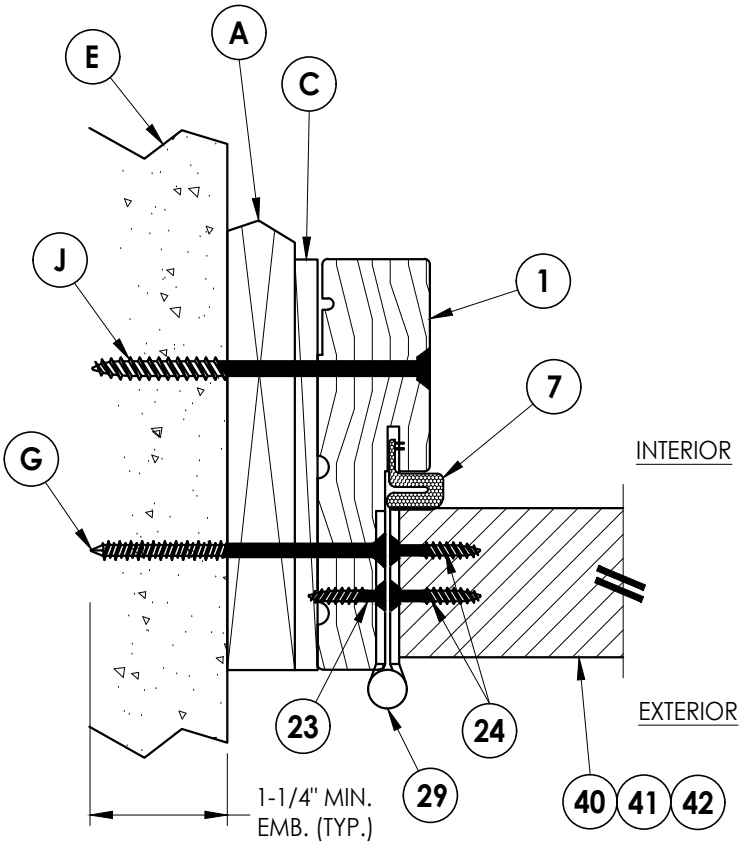
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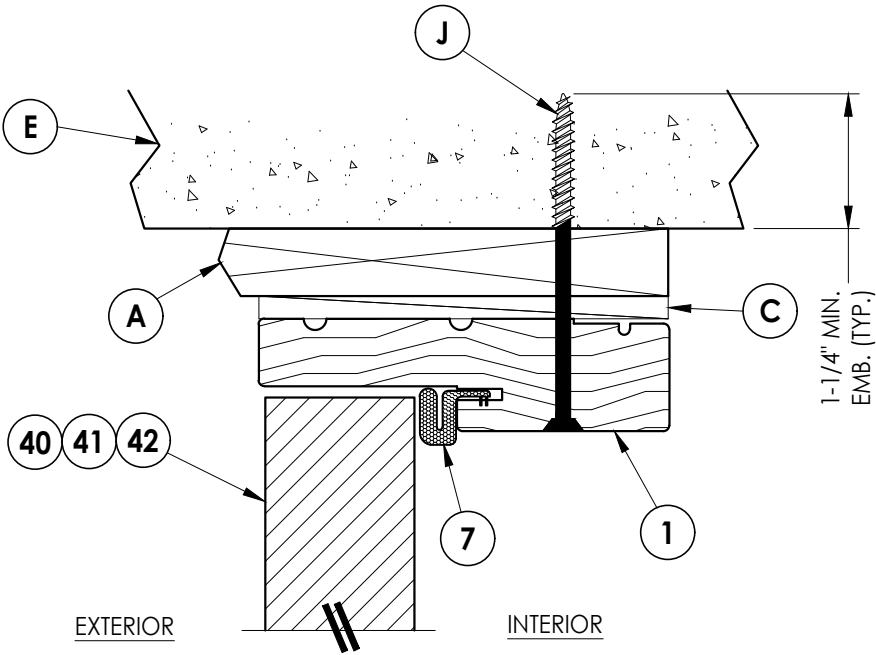
FL-37183.3

SHEET 4 OF 11

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



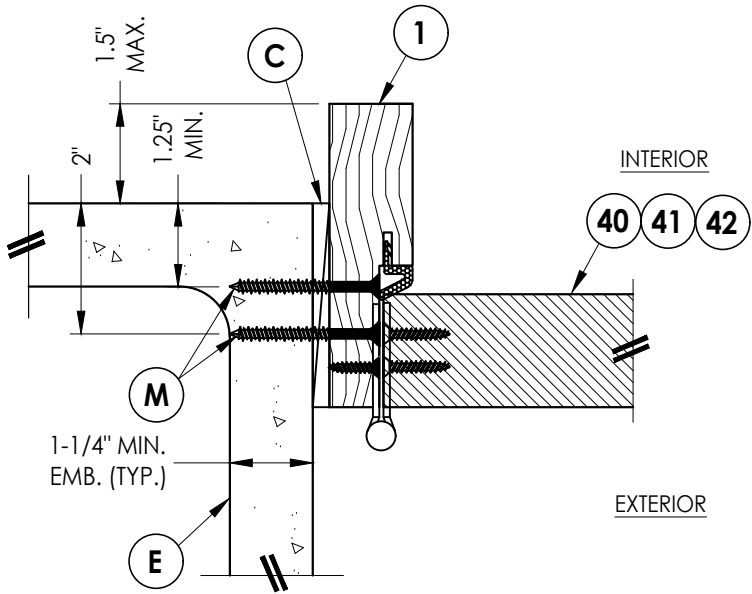
1 **VERTICAL CROSS SECTION**
5 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

DATE: 5/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-37183.3
SHEET 5 OF 11

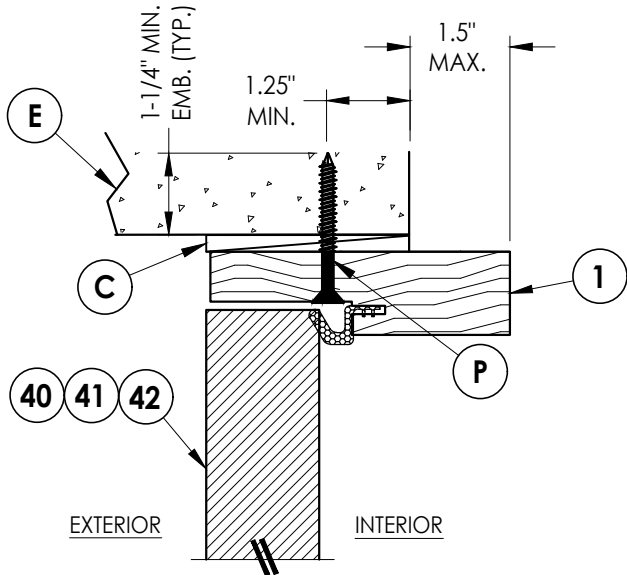
PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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Phone No.: 813.659.9197
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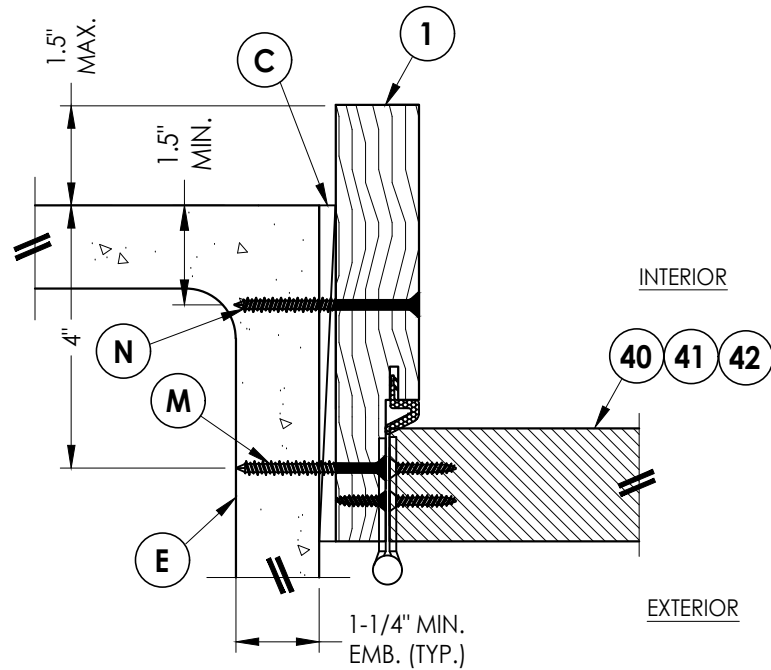
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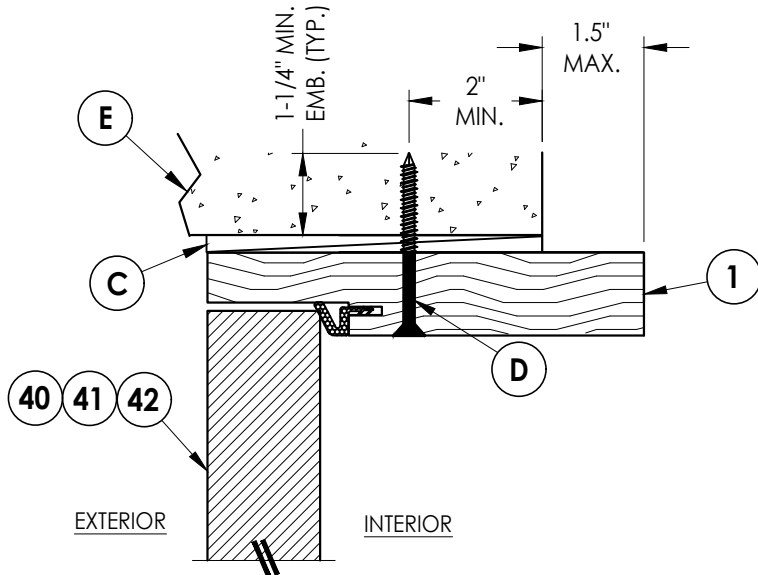
1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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

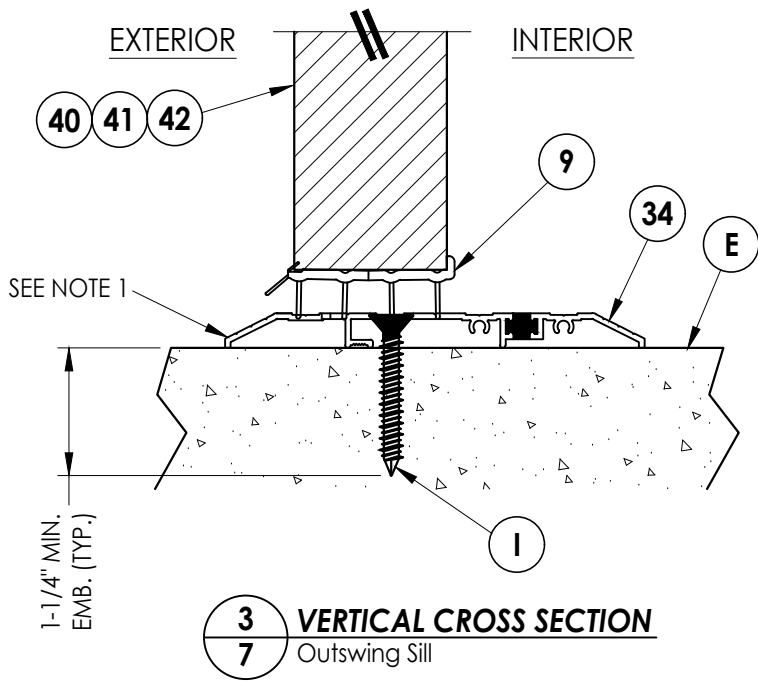
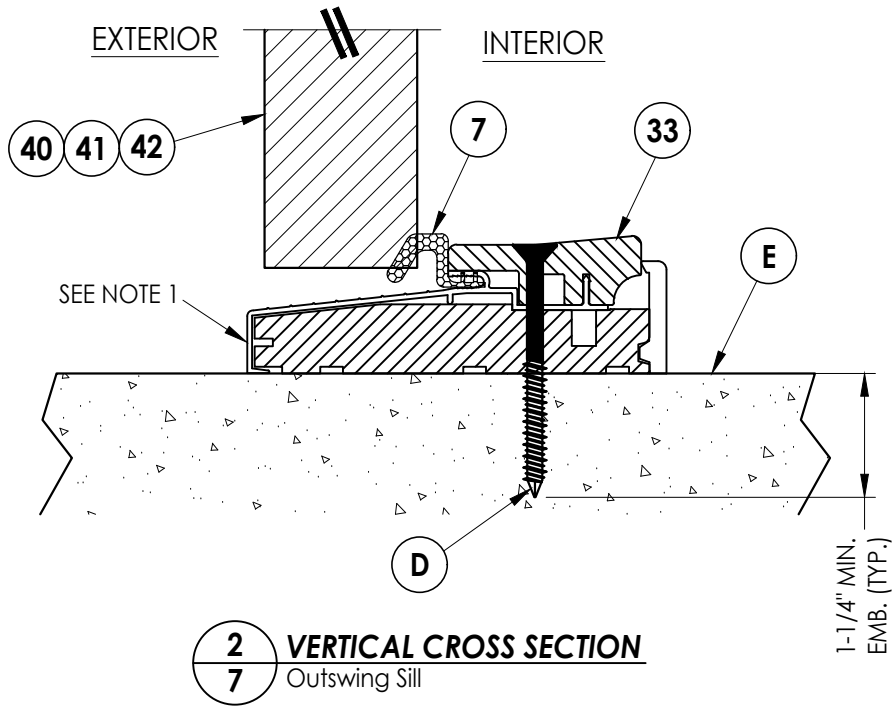
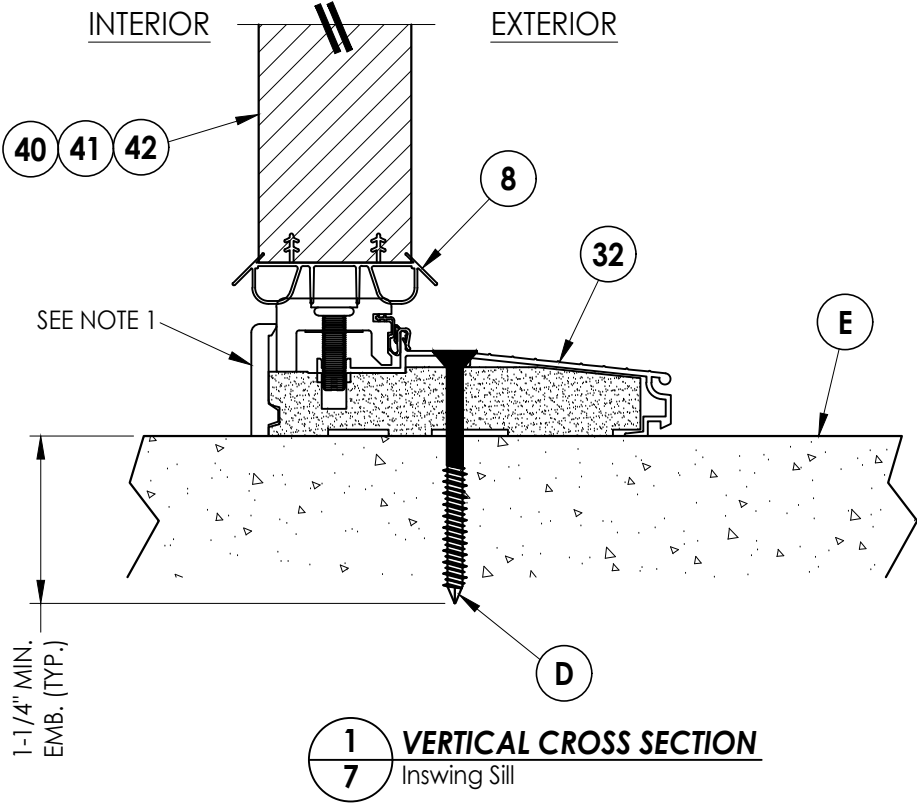
PRODUCT:		PART OR ASSEMBLY:	
THERMA-TRU FIBERGLASS DOOR		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	BY
2	7/01/26	UPDATE TO 9TH ED. (2026)	LFS
1	7/27/23	UPDATE TO 8TH ED. (2023)	LFS
1	DATE		BY
DATE: 5/25/21			
SCALE: N.T.S.			
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CHK. BY: LFS			
DRAWING NO.: FL-37183.3			
SHEET 6 OF 11			

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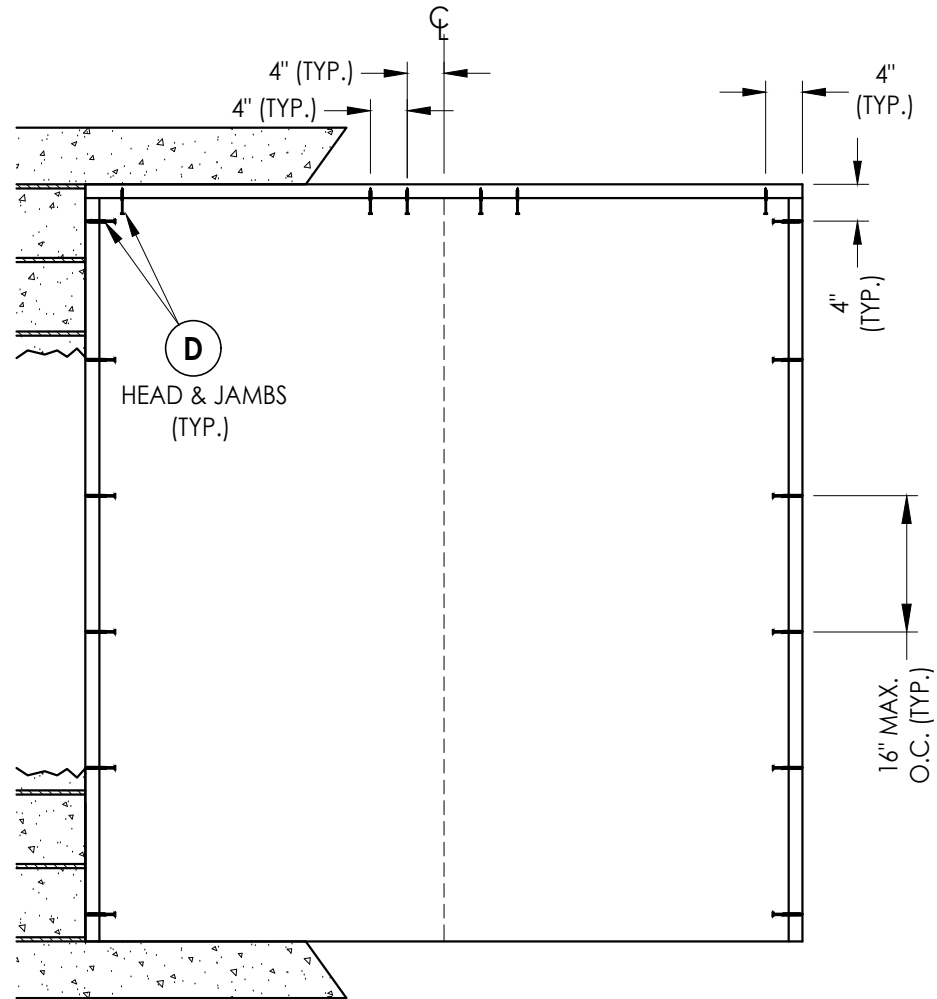
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FBPE Registry No. 9813

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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.

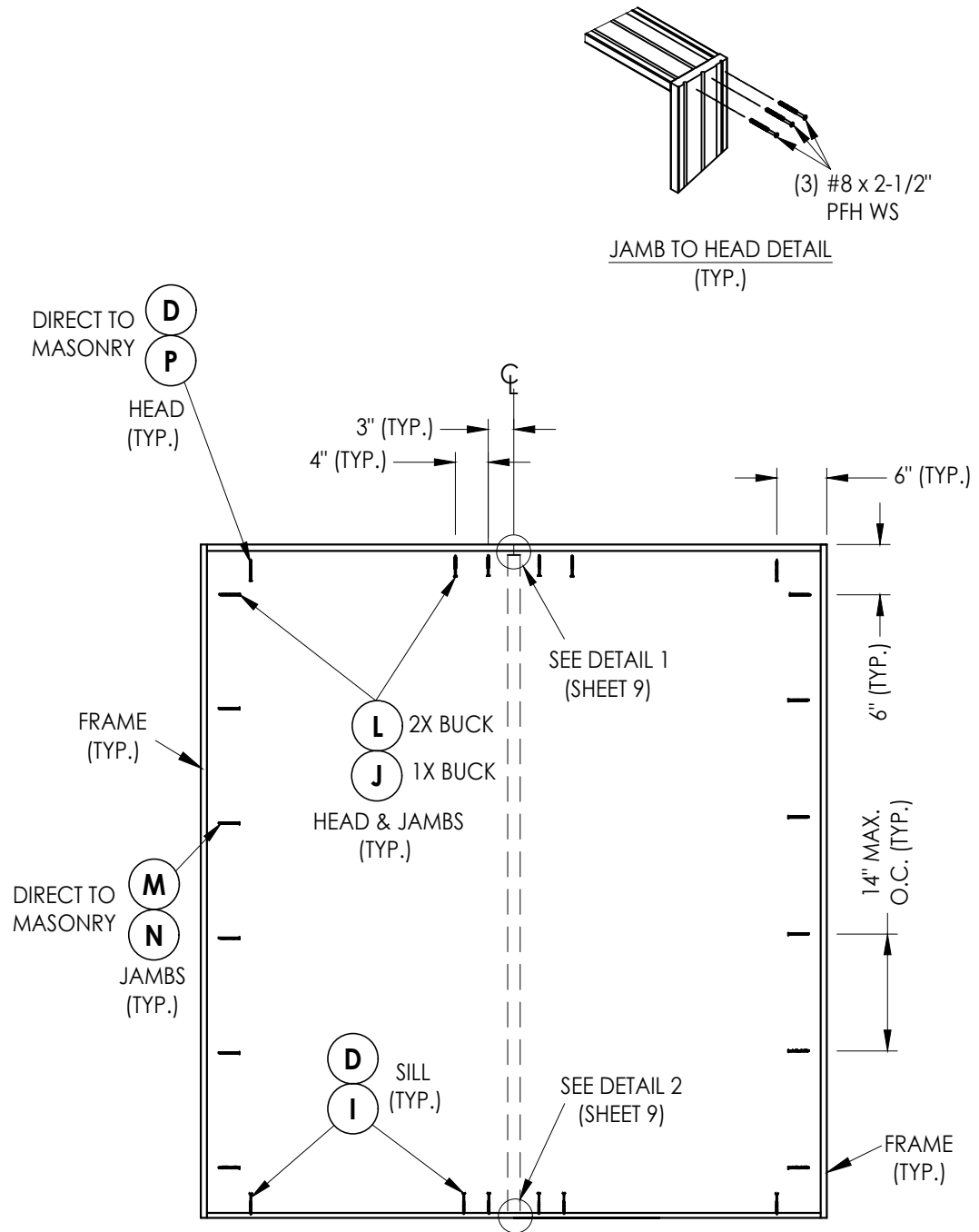


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PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)			



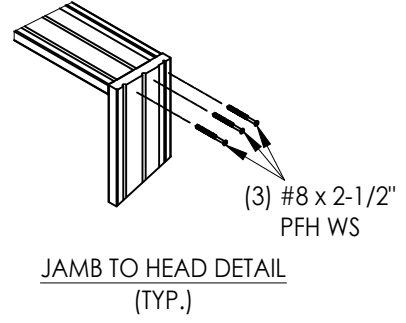
XX

2X BUCK ANCHORING



XX

FRAME ANCHORING



2	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
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					REVISIONS

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SCALE: N.T.S.

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

FL-37183.3

SHEET 8 OF 11

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PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

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

25/21

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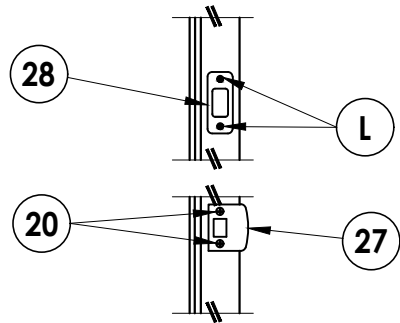
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OF 11

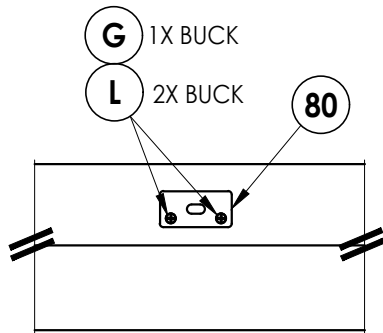
Documents Prepared By:
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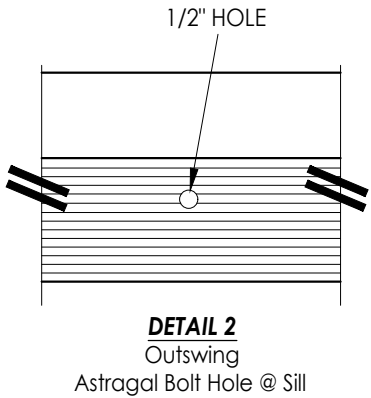
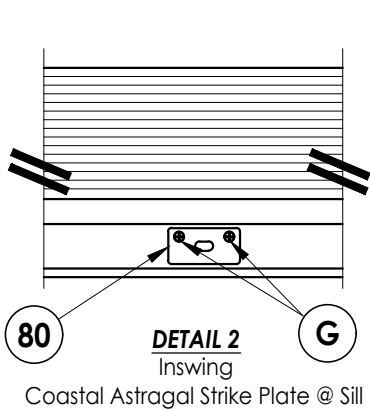
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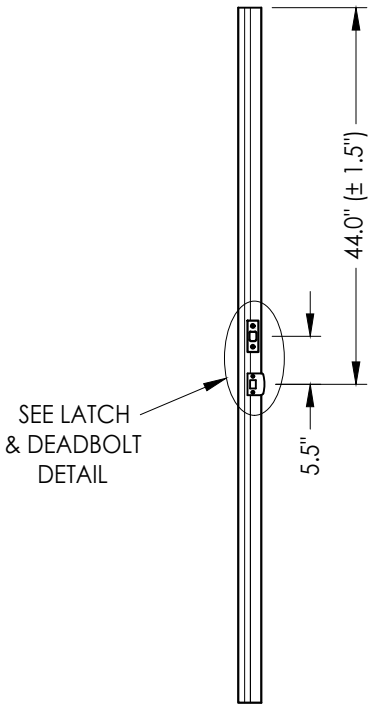
LATCH & DEADBOLT DETAIL
Schlage / Kwikset



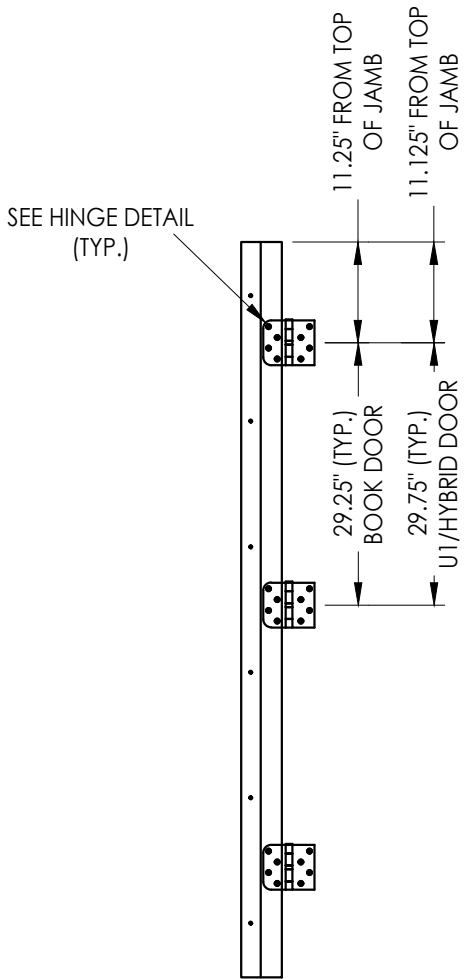
DETAIL 1
Coastal Astragal Strike Plate @ Head



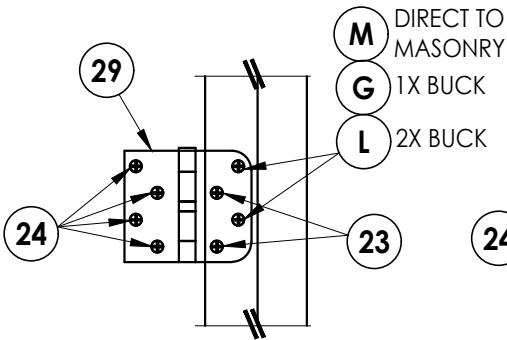
LATCH & DEADBOLT STRIKE DETAILS



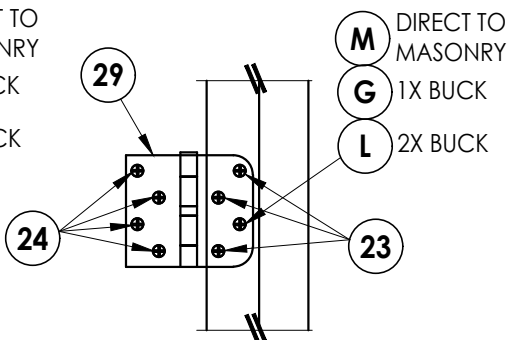
ASTRAGAL
Latch and Deadbolt



HINGE JAMB

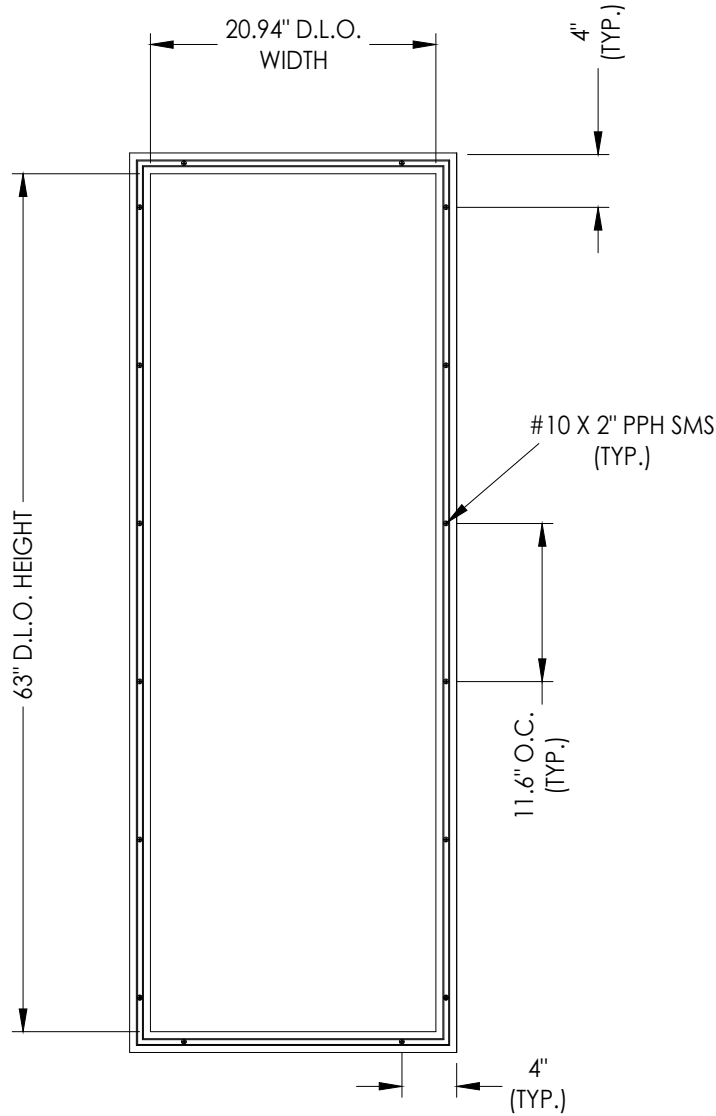


HINGE DETAIL
Inswing

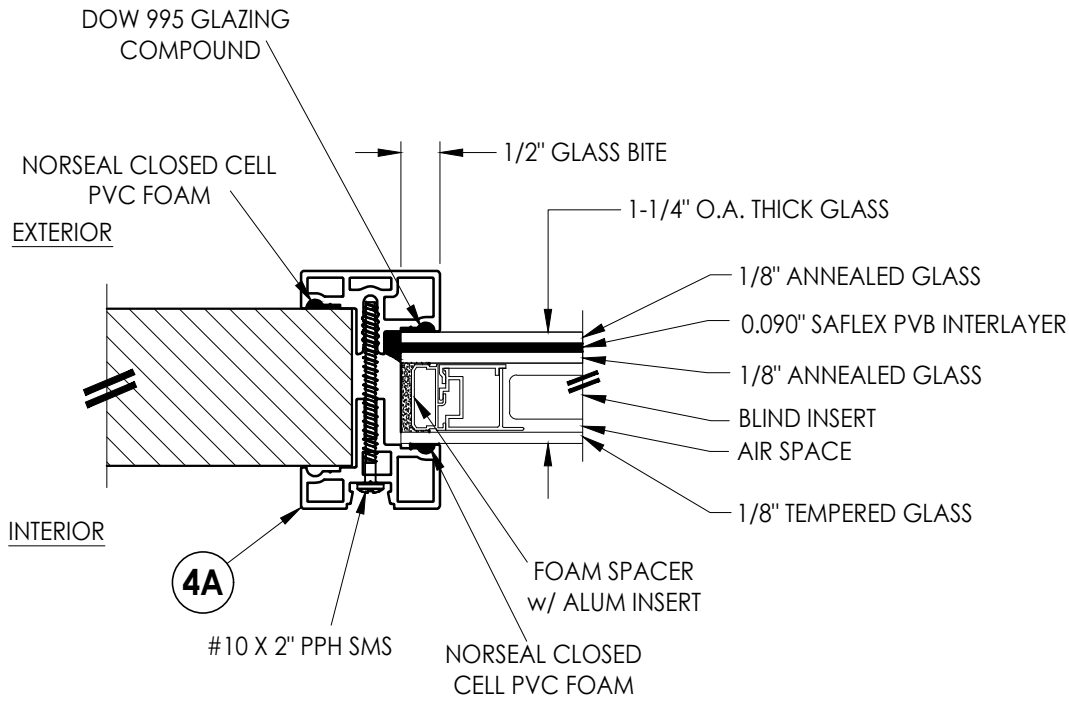


HINGE DETAIL
Outswing

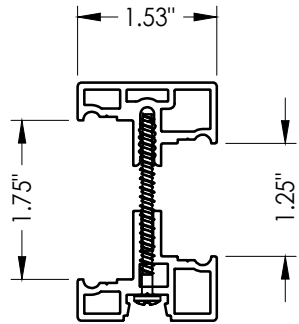
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HARDWARE DETAILS		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
				LFS	FBC		
				LFS	FBC		
				BY			
				REVISIONS			
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				1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC
				NO.	DATE		
DATE: 5/25/21		SCALE: N.T.S.		DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-37183.3		SHEET 9 OF 11					



6'-8" LITE FRAME
ALUM. (6063-T5)



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



4A **ALUMINUM IMPACT LITE FRAME**

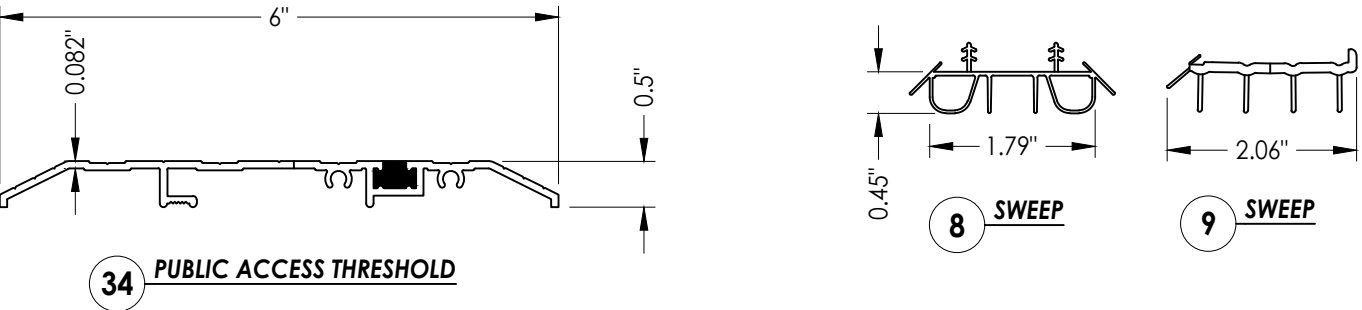
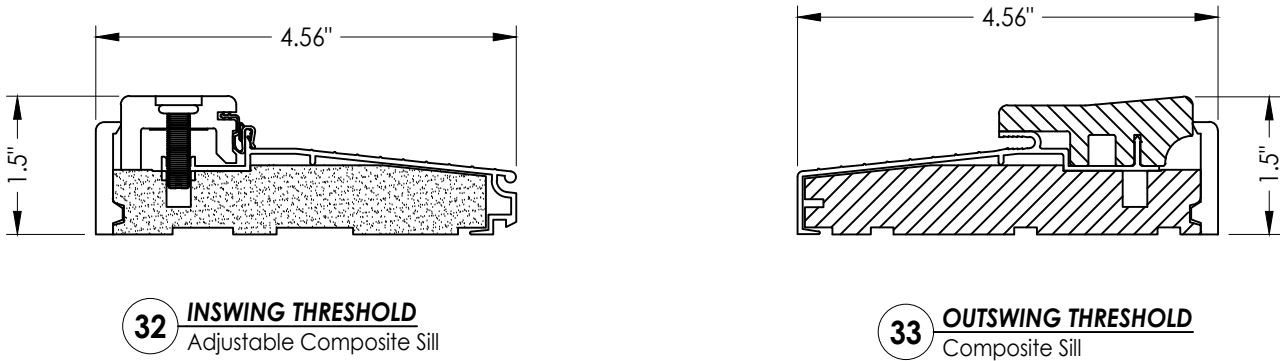
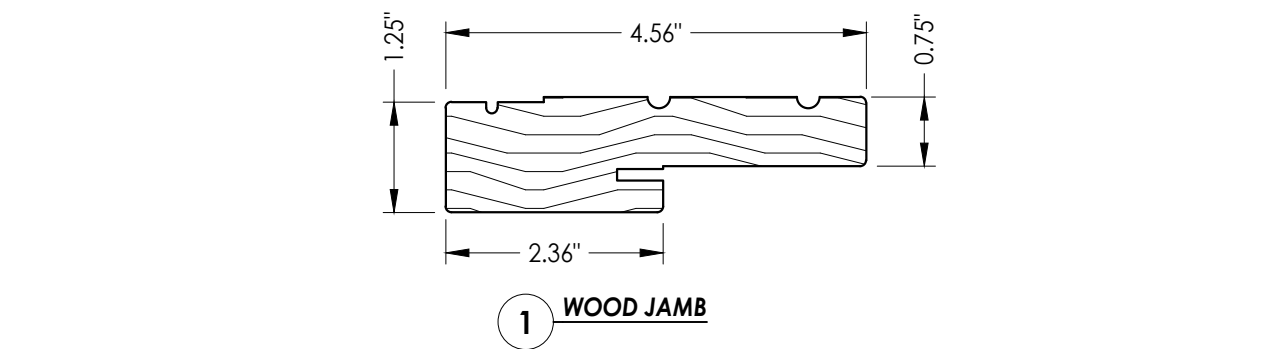
DATE:	5/25/21
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DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-37183.3
SHEET	10 of 11

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

Documents Prepared By:
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P.E. No. 43409

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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

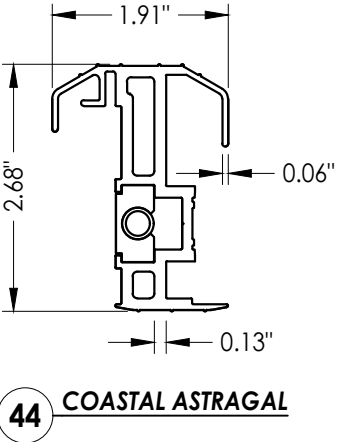


CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

CONCRETE ANCHOR NOTES:
Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:
Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]