

THERMA TRU[®]
DOORS

Fiber-Classic[®] & Smooth-Star[®]

GLAZED FIBERGLASS DOOR
w/ SIDELITES
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.
6.
- Fiber-Classic & Smooth-Star Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

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8	Buck & Frame Anchoring
9	Bill of Materials & Components

L7 Schmidt

L. F. SCHMIDT

LICENSE

No. 43409

★

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Digitally signed by

Lyndon F Schmidt

Date: 2026.08.10

10:17:59 -04'00'

This item has been digitally signed and sealed by

L. F. Schmidt, P.E. on the date adjacent to the seal.

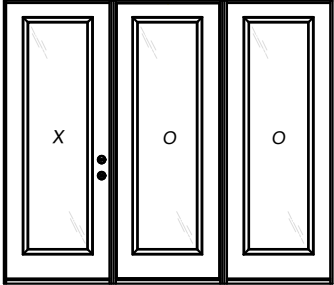
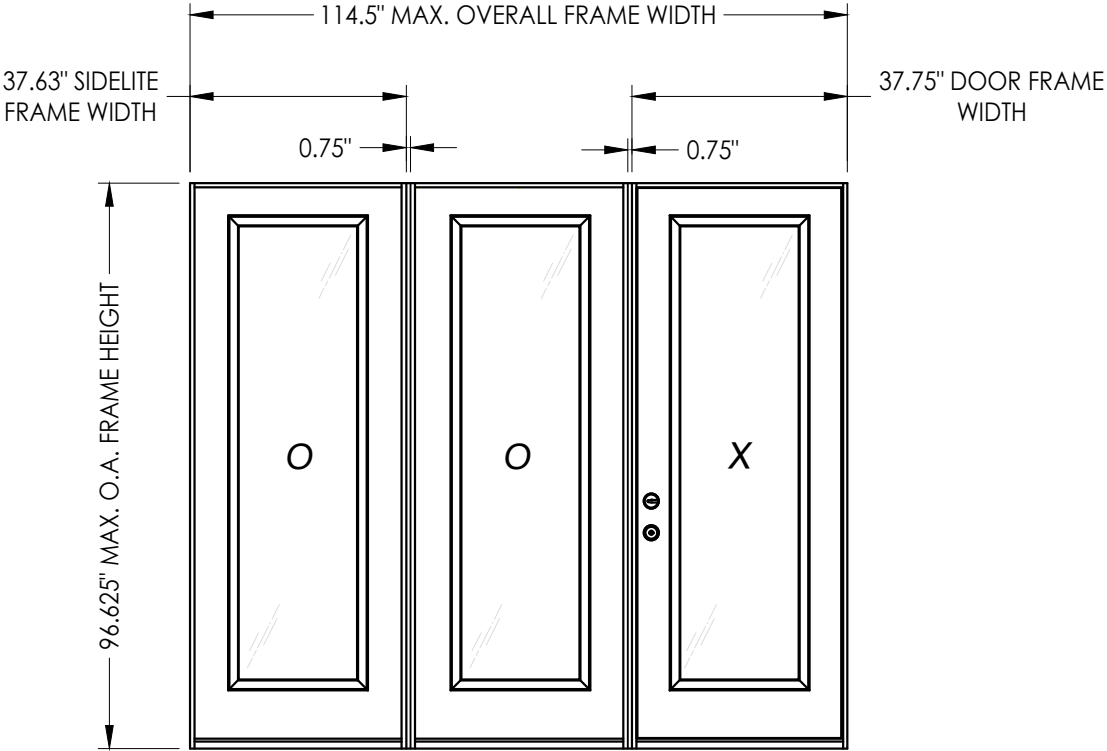
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THIS PRODUCT APPROVAL IS VALID

ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	MAX. FRAME DIMENSION	DOOR GLAZING TYPE	DOOR GLAZING MAX. D.L.O.	DESIGN PRESSURE (PSF) Latch & Deadbolt	
				POSITIVE	NEGATIVE
OOX, XOO	114.5" x 96.625"	INSERT LITE FRAME GLAZING	20.88" X 78.88"	+50.0	-55.0

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

PRODUCT:

THERMA TRU

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE

NO.

1

8/18/20

UPDATE TO 7th ED. (2020)

FBC

BY

2

7/24/23

UPDATE TO 8TH ED. (2023)

FBC

3

7/01/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

DATE

12/10/19

SCALE:

N.T.S.

DWG. BY:

RW

CHK. BY:

LFS

DRAWING NO.:

FL-30925.3

SHEET

1

OF

9

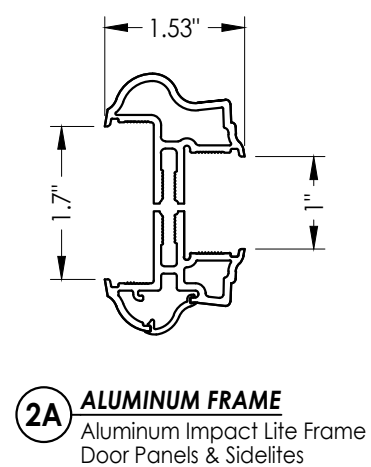
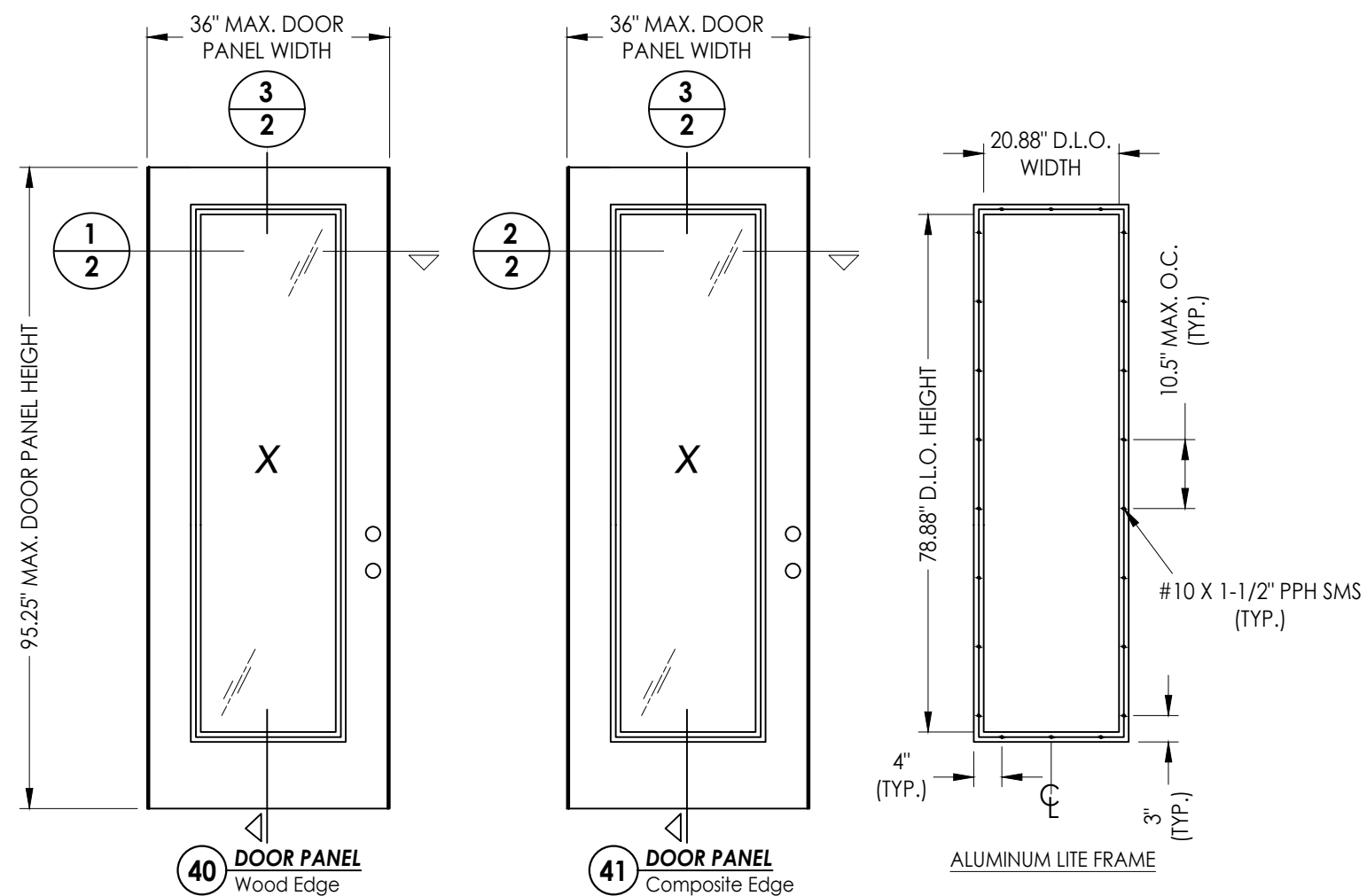
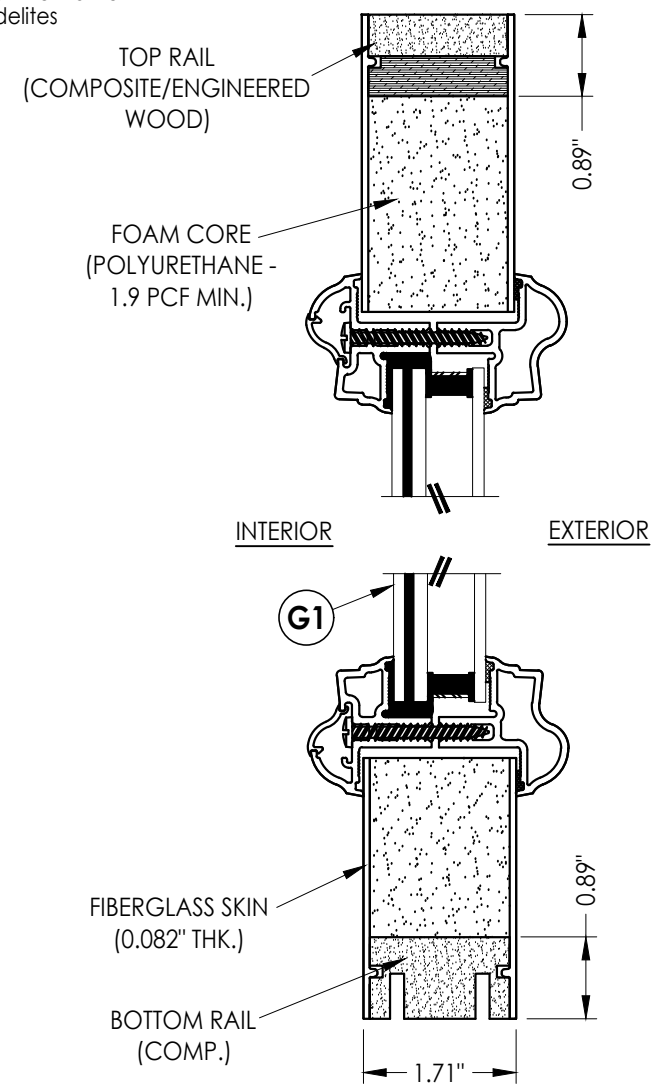
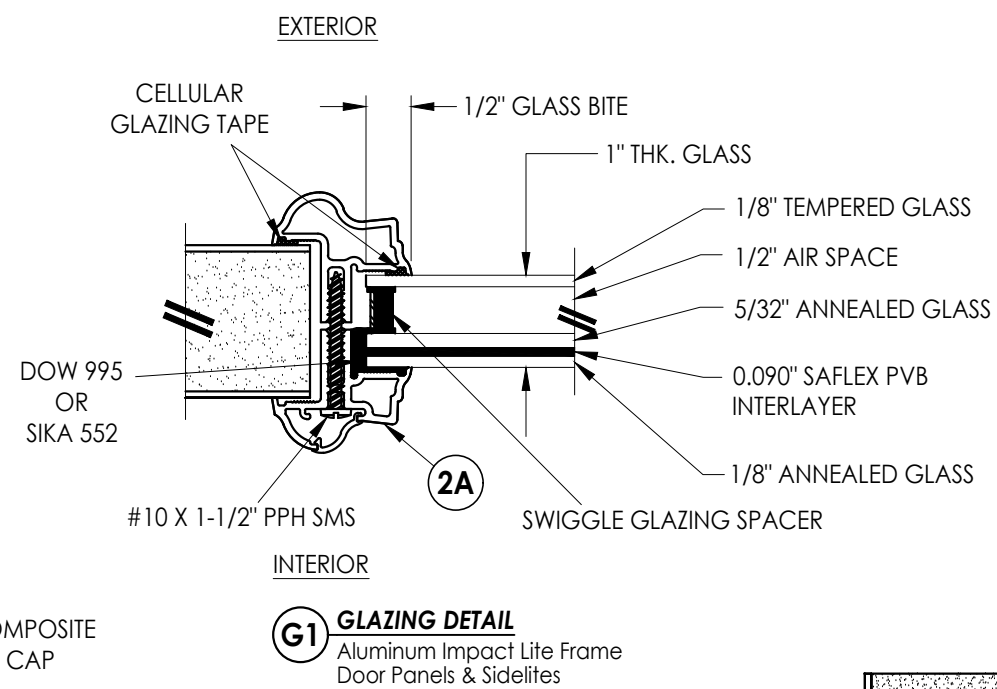
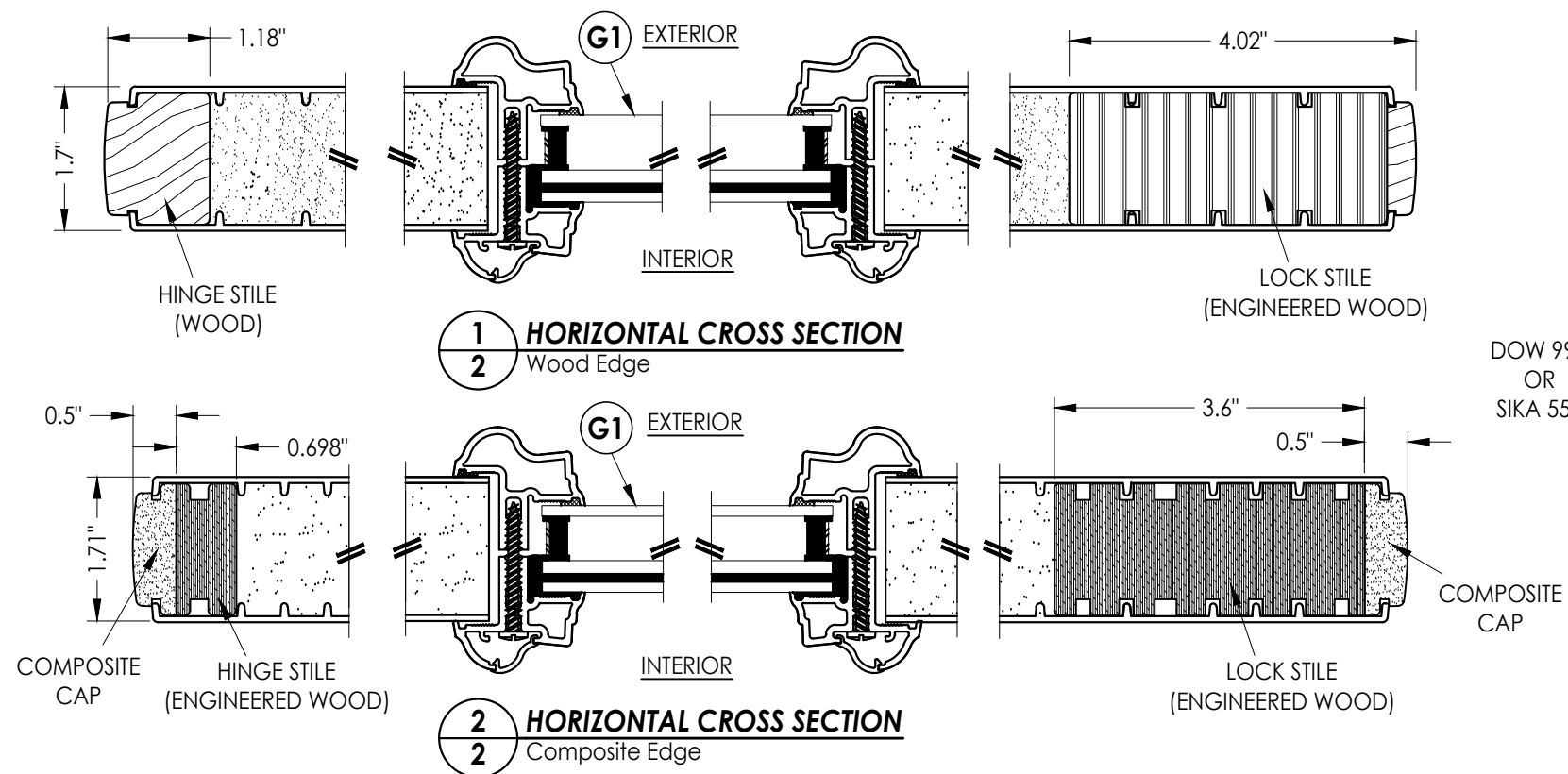
R.W. BUILDING CONSULTANTS, INC.

P.O. Box 230, Vairico, FL 33595

Phone No.: 813.659.9197

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Lyndon F. Schmidt
P.E. No. 43409

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PRODUCT: THERMA-TRU

PART OR ASSEMBLY:

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0.5" 0.698" 1.71"

COMPOSITE CAP

HINGE STILE (ENGINEERED WOOD)

G1 EXTERIOR

INTERIOR

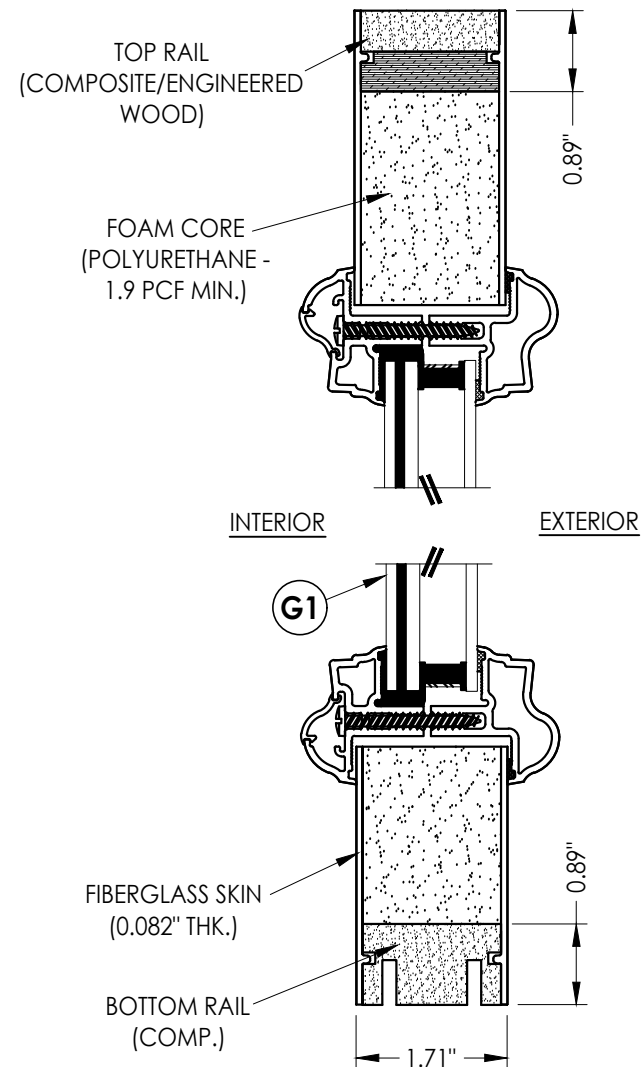
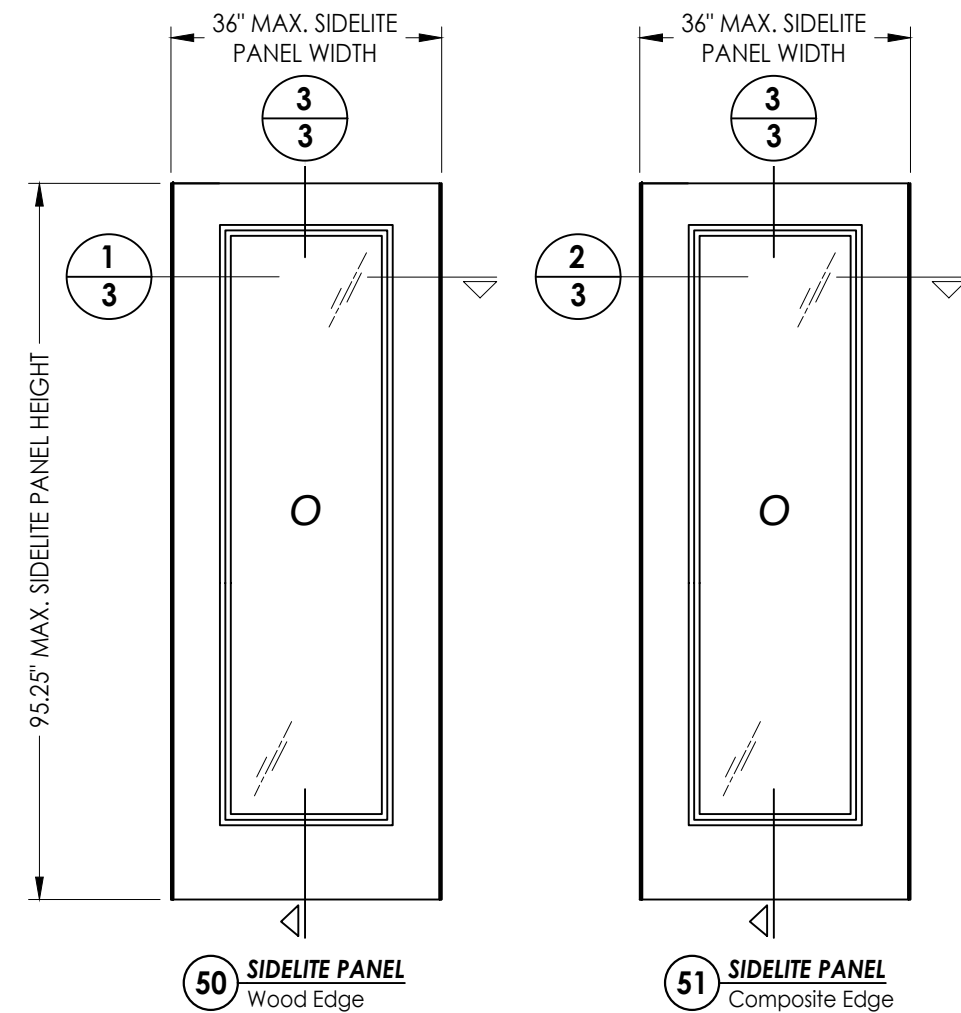
3.6" 0.5"

COMPOSITE CAP

LOCK STILE (ENGINEERED WOOD)

HORIZONTAL CROSS SECTION

2 HORIZONTAL CROSS SECTION
3 Composite Edge



3 VERTICAL CROSS SECTION
3 Wood or Composite Edge

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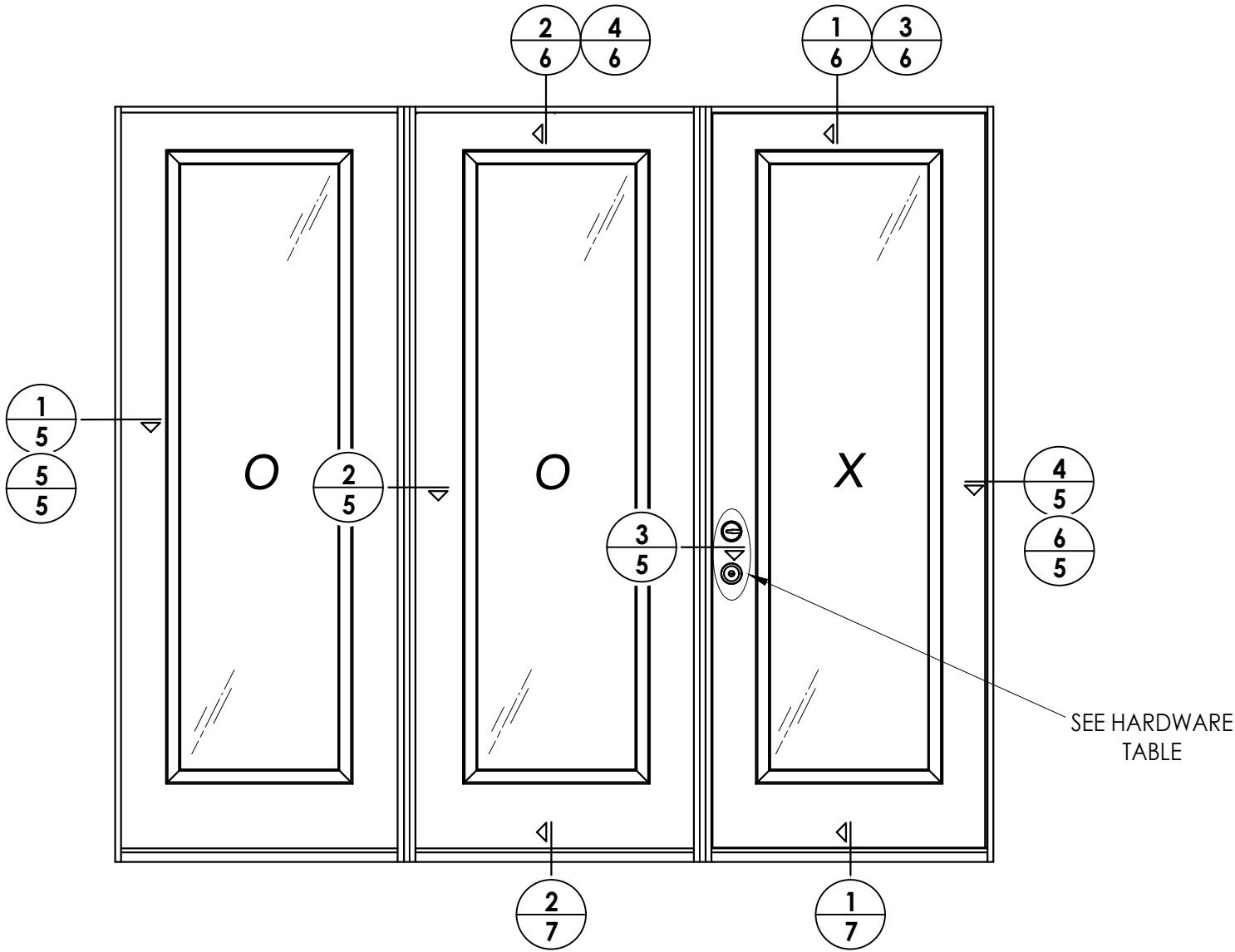
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PRODUCT: THERMA-TRU

OR ASSEMBLY:
SIDELITE PANEL DETAILS

[illegible]

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ELEVATION
OOX, XOO

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

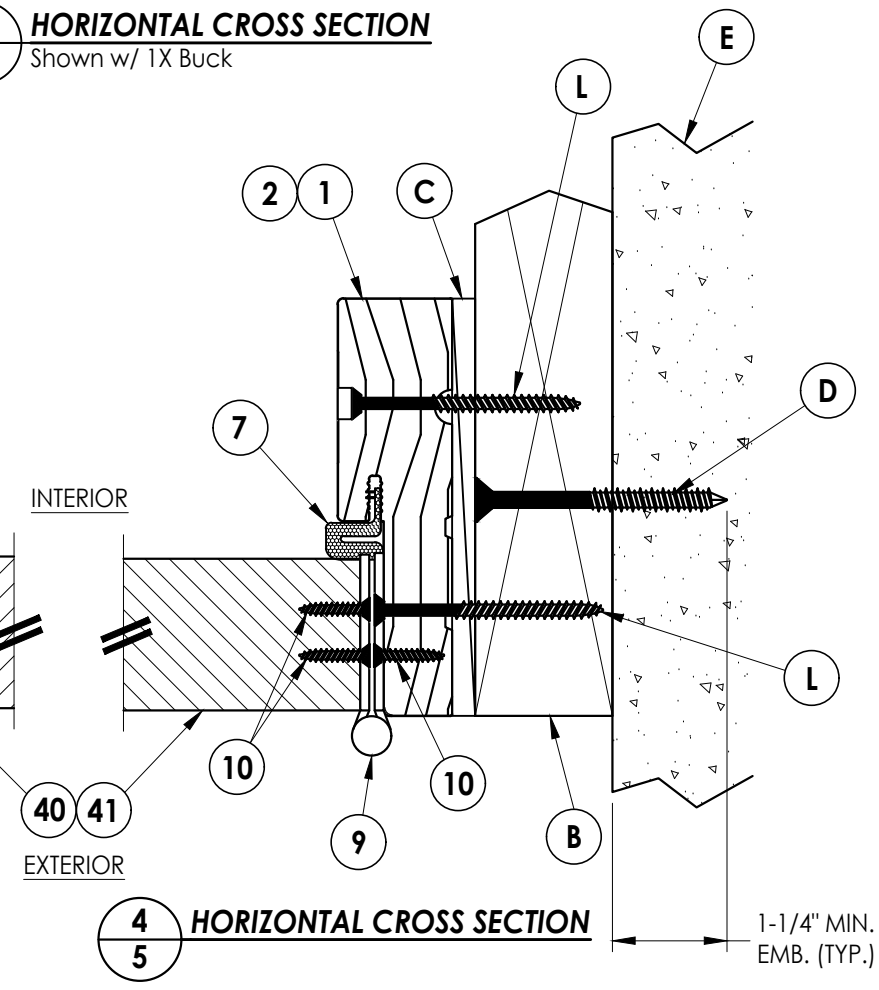
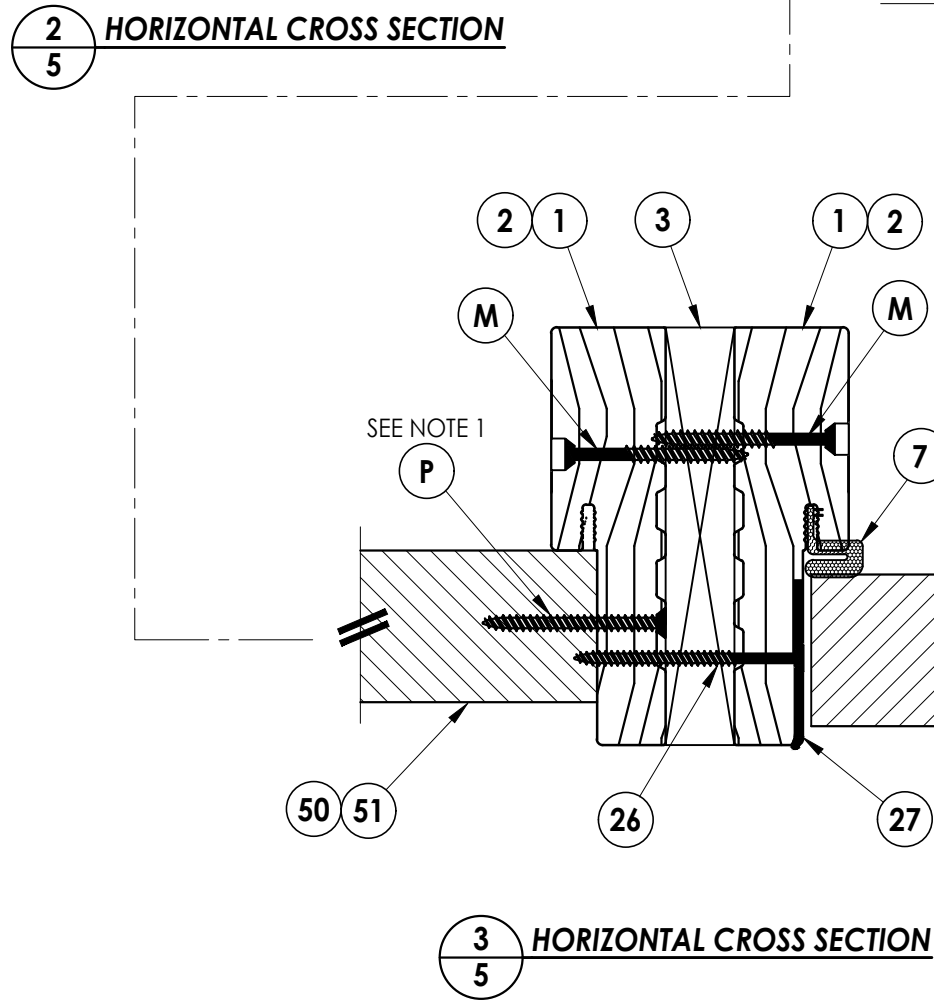
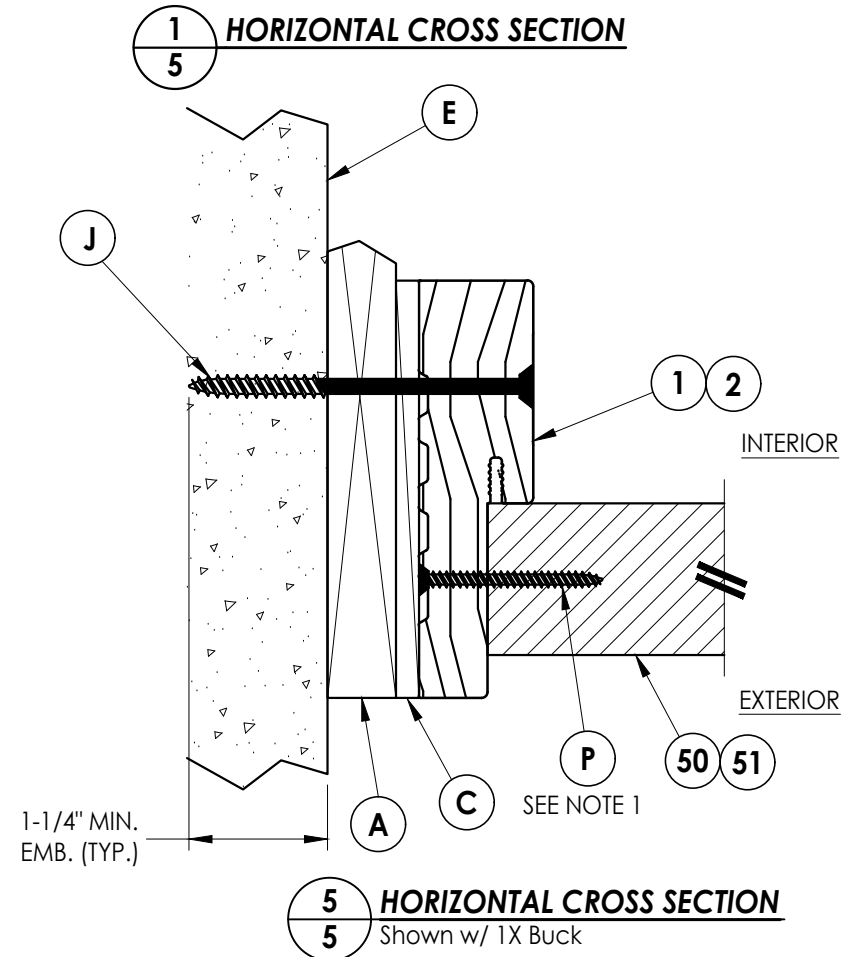
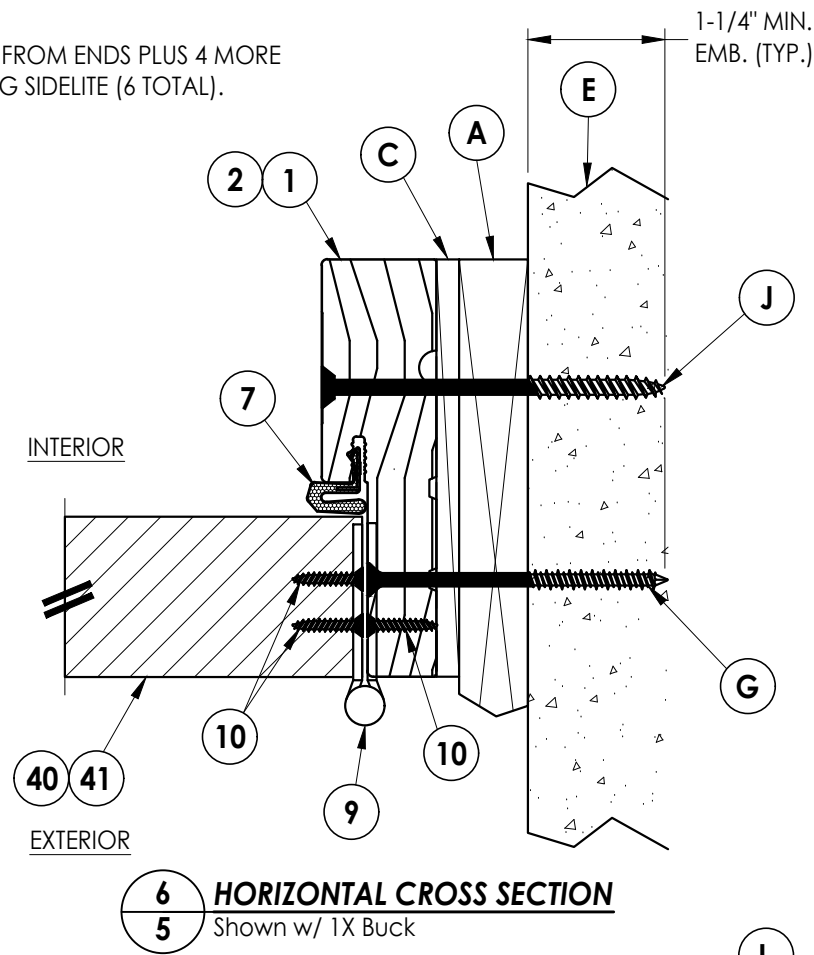
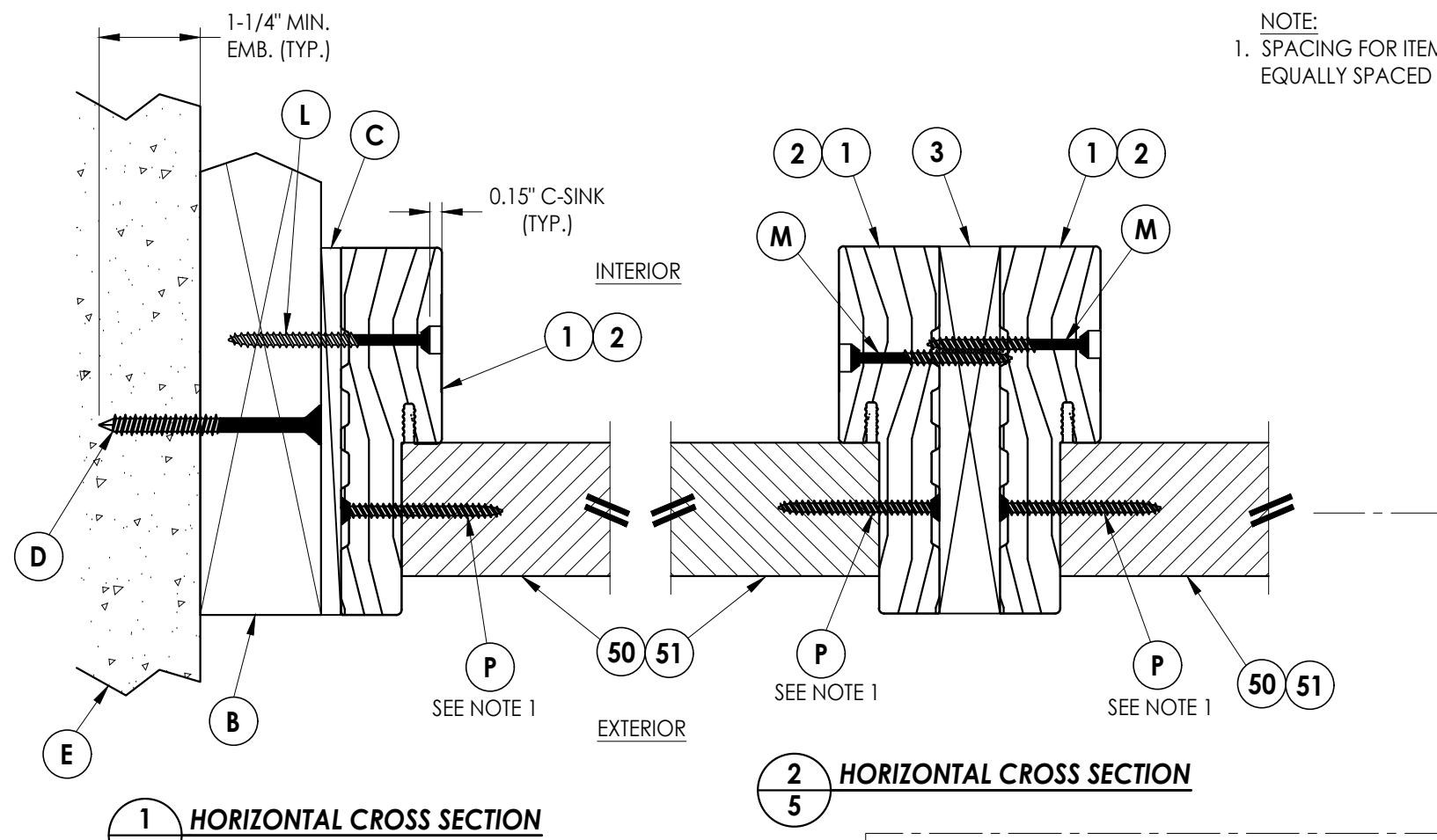
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2	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	8/18/20	UPDATE TO 7th ED. (2020)	FBC	DAC
NO.	DATE			BY
REVISIONS				
DATE: 12/10/19				
SCALE: N.T.S.				
DWG. BY: RW				
CHK. BY: LFS				
DRAWING NO.: FL-30925.3				
SHEET 4 OF 9				

PRODUCT:	Therma-TRU
PART OR ASSEMBLY:	ELEVATION

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P.E. No. 43409

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NOTE:
1. SPACING FOR ITEM P: 6" FROM ENDS PLUS 4 MORE EQUALLY SPACED ALONG SIDELITE (6 TOTAL).

[illegible]

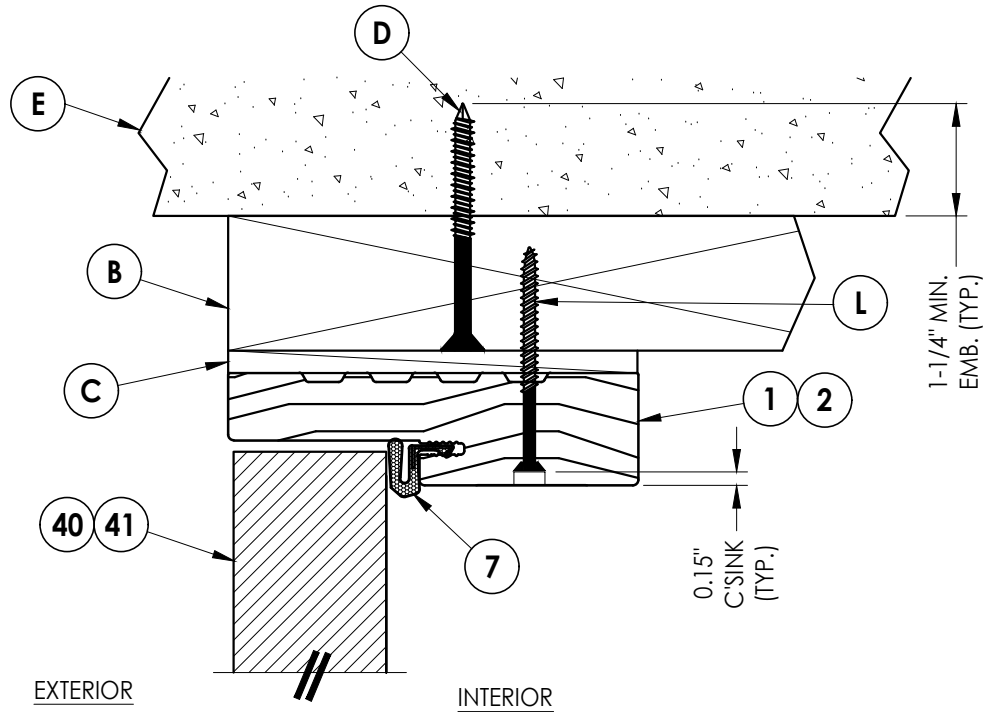
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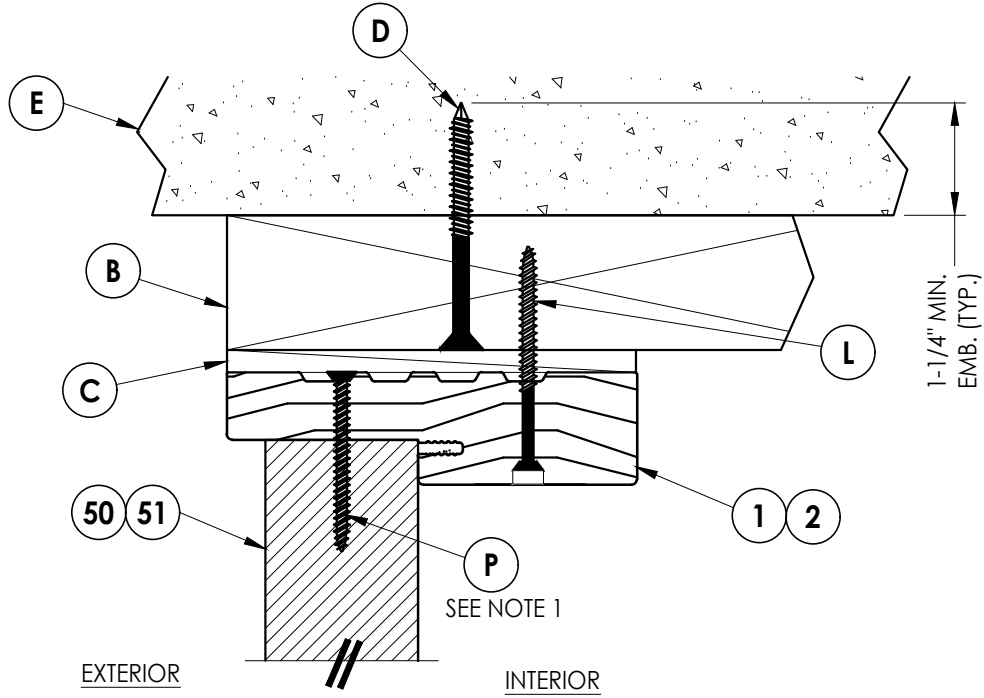
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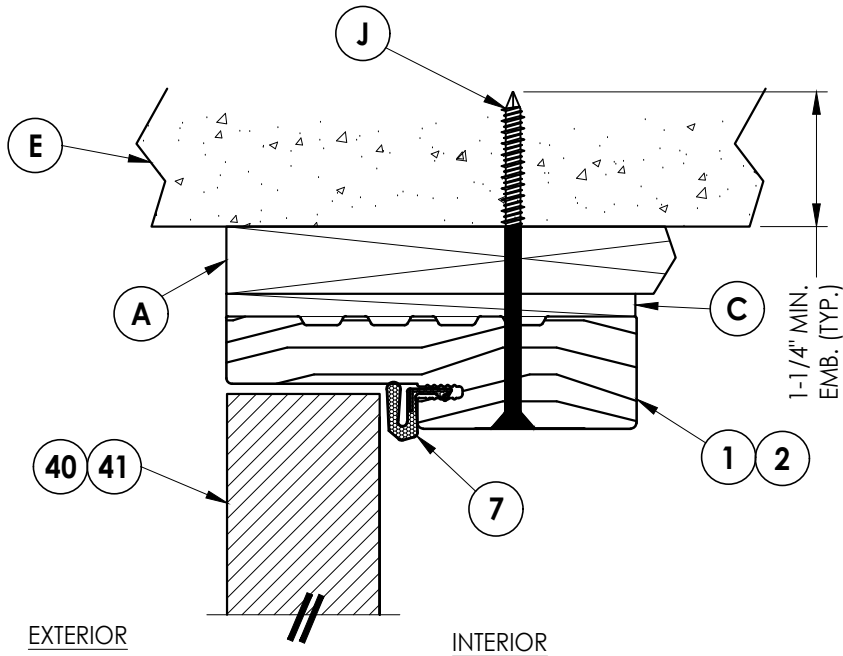
NOTE:
1. SPACING FOR ITEM P: 4" FROM ENDS (2 TOTAL).



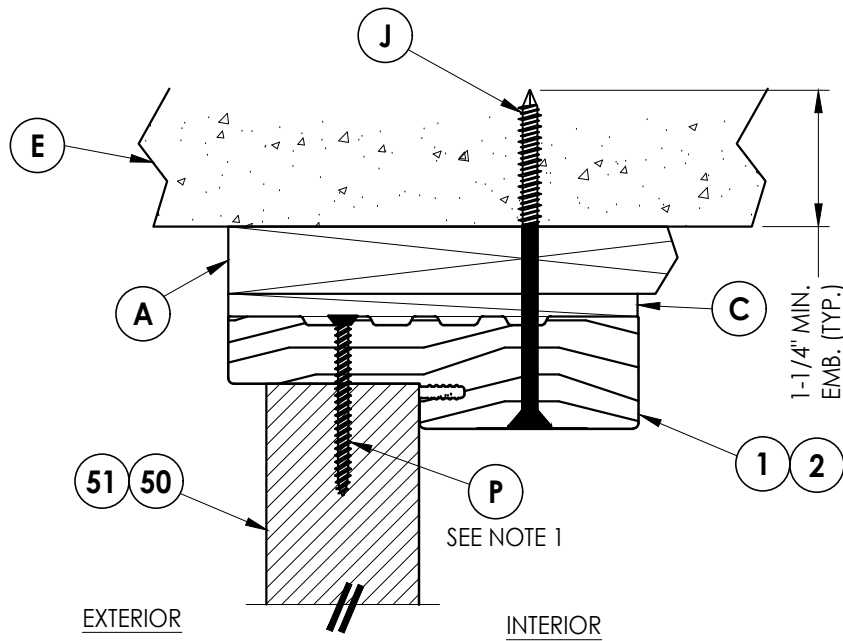
1
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



2
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck

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Lyndon F. Schmidt
P.E. No. 43409

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PRODUCT: THERMA-TRU

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/24/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/18/20	UPDATE TO 7th ED. (2020) FBC DAC

DATE: 12/10/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30925.3

SHEET 6 OF 9

1. SILL ITEM #30 IS ATTACHED TO JAMBS w/ (3) #8 X 2-1/2" PFH SCREWS AT EACH END.
2. SPACING FOR ITEM P: 4" FROM ENDS (2 TOTAL).

[illegible]

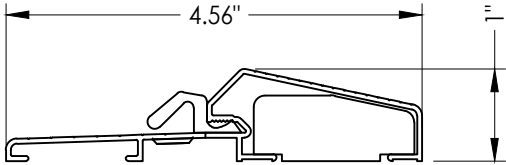
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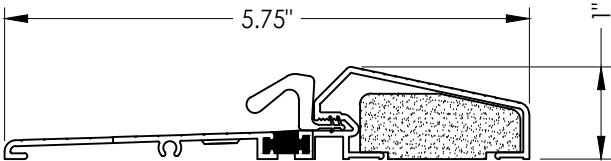
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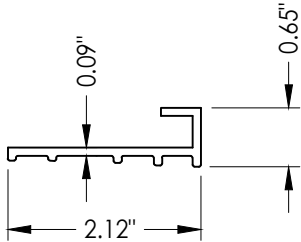
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#10 X 2" PFH WOOD SCREW	STEEL
P	#8 X 2" PFH WOOD SCREW	STEEL
1	WOOD JAMB (FINGER JOINT PINE: 4-9/16")	WOOD
2	WOOD JAMB (FINGER JOINT PINE: 6-9/16")	WOOD
3	1X REINFORCEMENT (S.G. >= 0.55)	WOOD
7	WEATHERSTRIP	FOAM
9	4" X 4" HINGE	STEEL
10	#10 X 3/4" PFH WOOD SCREW	STEEL
25	#12 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT PLATE	STEEL
29	OUTSWING THRESHOLD	ALUM/COMP
30	OUTSWING THRESHOLD	ALUM/COMP
31	OUTSWING SILL SIDELITE SEAT	ALUM
40	DOOR PANEL (WOOD EDGE)	-
41	DOOR PANEL (COMPOSITE EDGE)	-
50	SIDELITE PANEL (WOOD EDGE)	-
51	SIDELITE PANEL (COMPOSITE EDGE)	-



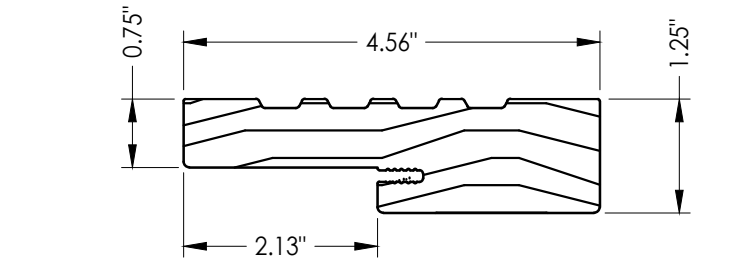
29 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Shown without Thermal Break)
(Available with Thermal Break)



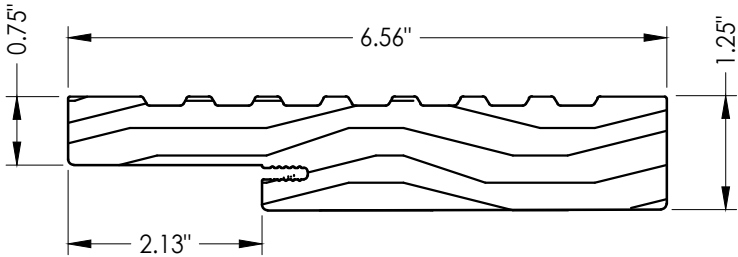
30 OUTSWING THRESHOLD
Composite/Aluminum Sill
(Shown with Thermal Break)
(Available without Thermal Break)



31 OUTSWING SILL SIDELITE SEAT



1 WOOD JAMB (4-9/16")



2 WOOD JAMB (6-9/16")

NOTE: 4-9/16" WOOD JAMB SHOWN IN CROSS SECTIONS
(6-9/16" WOOD JAMB OPTIONAL).

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PRODUCT: THERMA TRU

PART OR ASSEMBLY:
BILL OF MATERIAL &
COMPONENTS

NO.	DATE	REVISIONS
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SHEET 9 OF 9