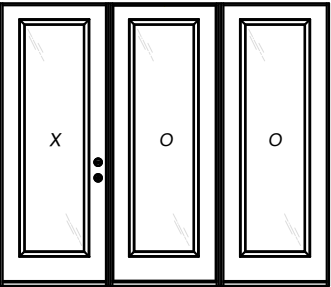
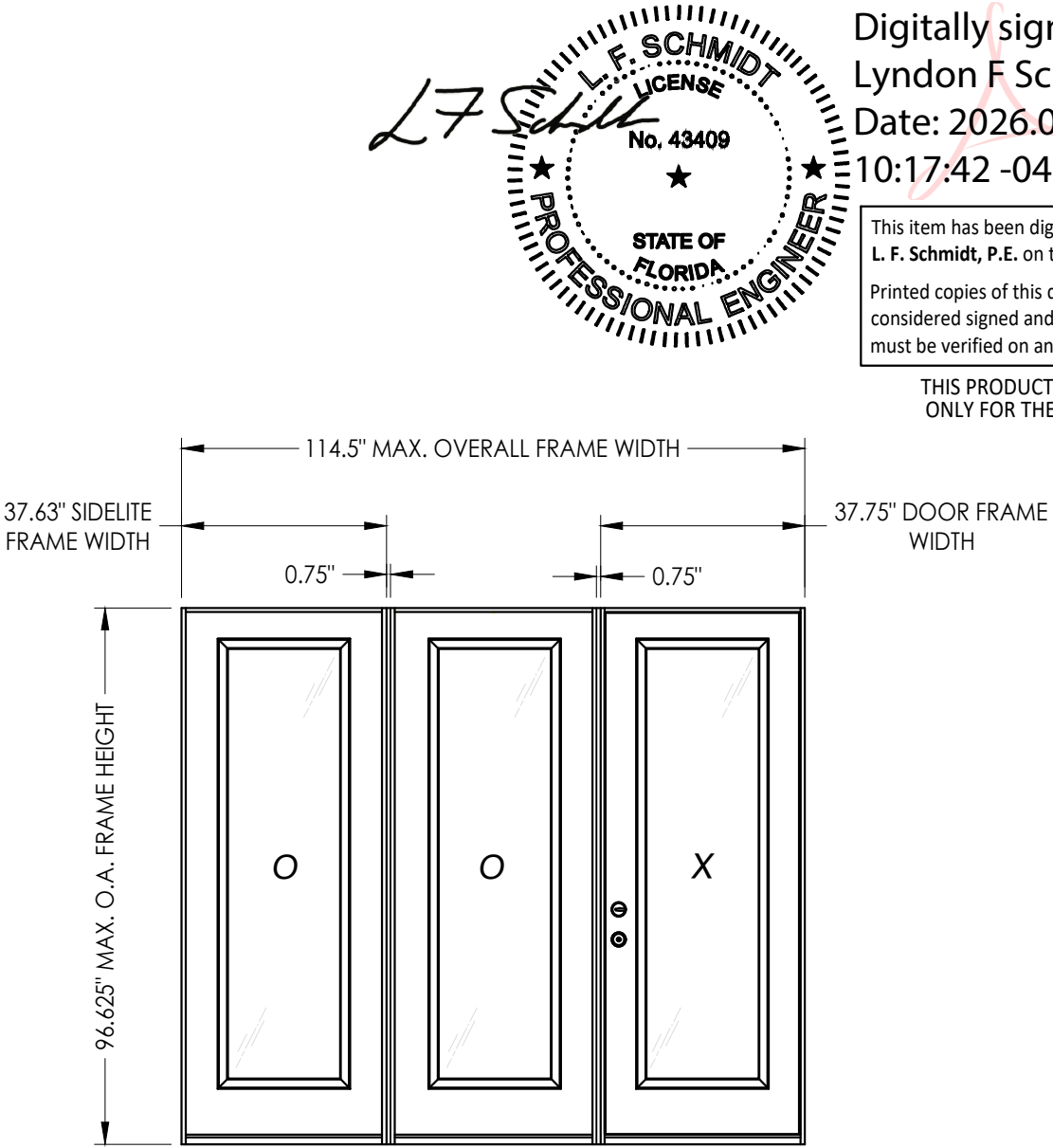


GLAZED FIBERGLASS DOOR
w/ SIDELITES
OUTSWING
"IMPACT"

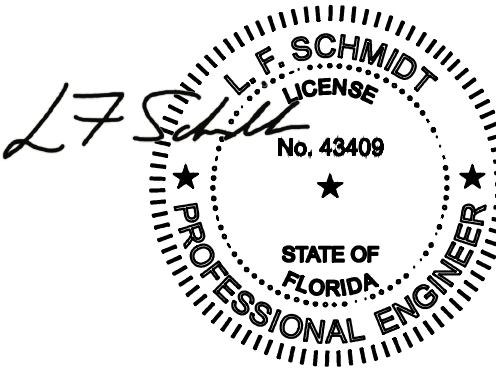
GENERAL NOTES

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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel & Glazing Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal Cross Sections
6	Vertical Cross Sections
7	Vertical Cross Sections
8	Buck & Frame Anchoring
9	Bill of Materials & Components



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



Digitally signed by
Lyndon F Schmidt
Date: 2026.08.10
10:17:42 -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

PRODUCT:
THERMA TRU

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

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
NO.	DATE			BY

REVISIONS

DATE: 12/10/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

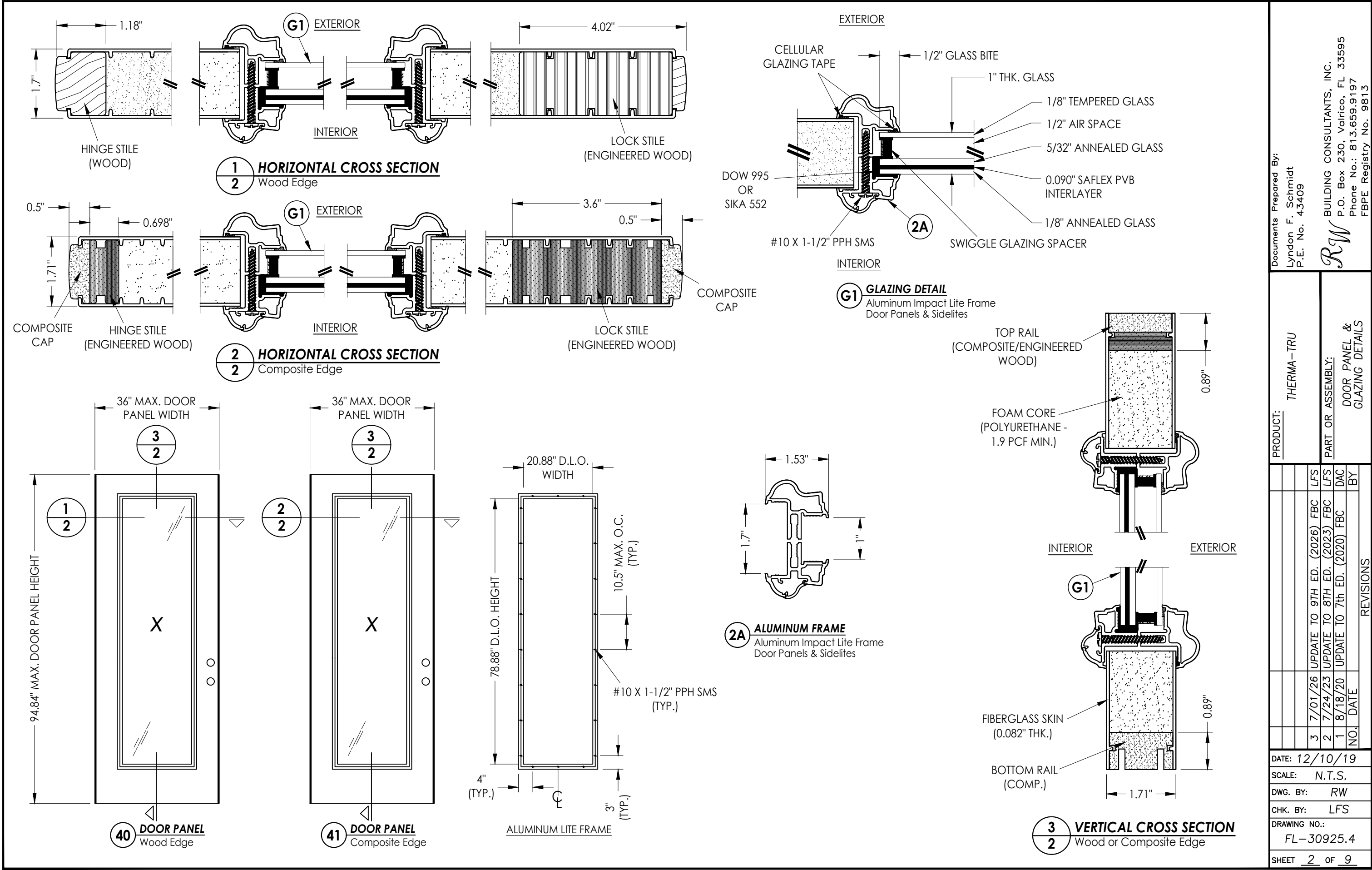
DRAWING NO.: FL-30925.4

SHEET 1 OF 9

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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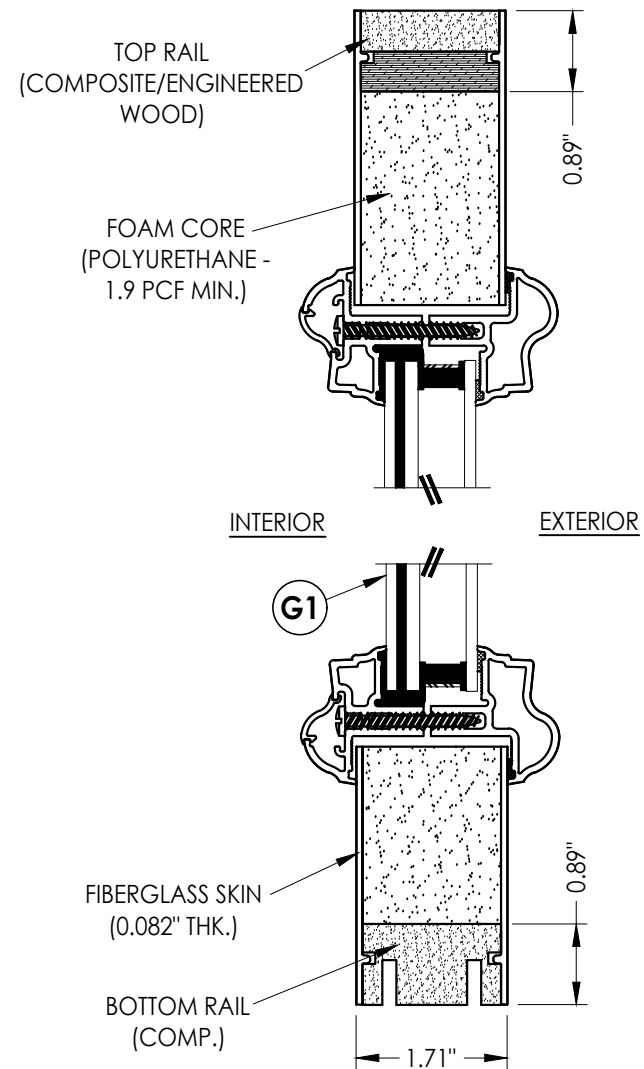
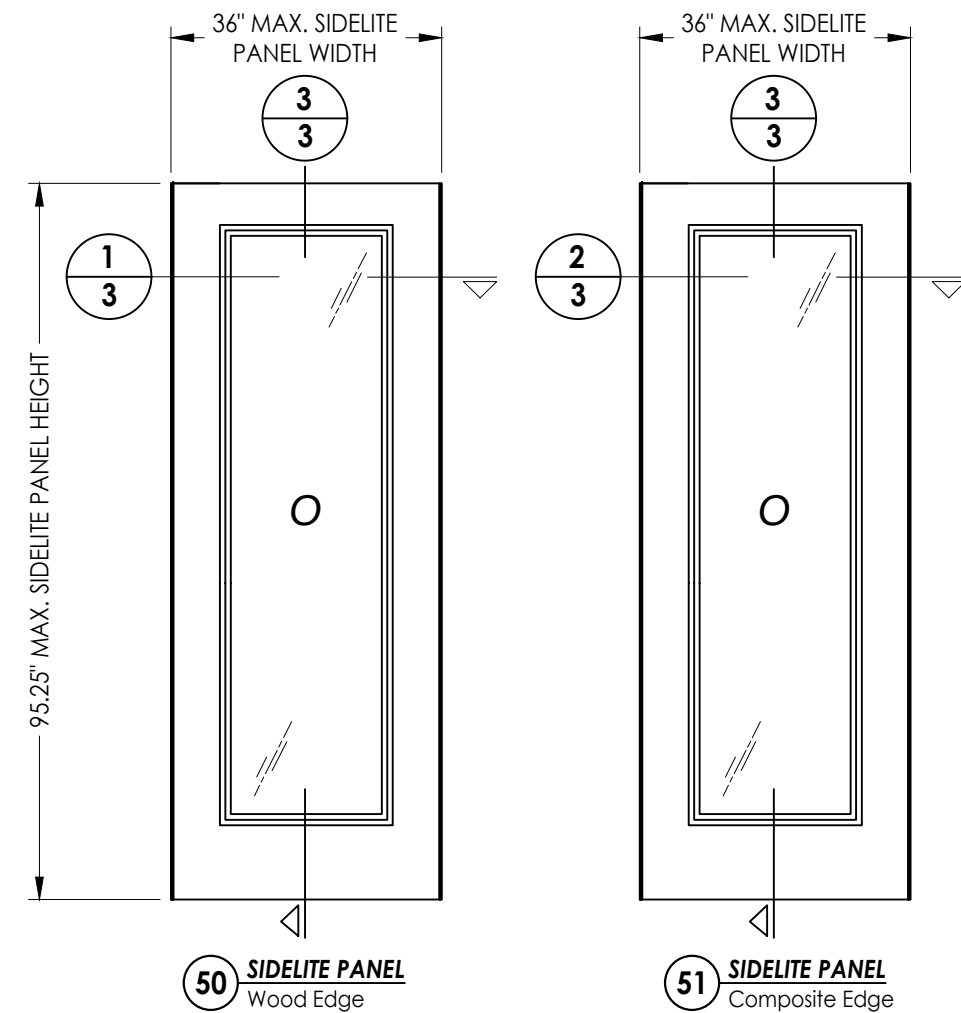
Technical drawings of the door assembly showing cross-sections and dimensions:

- Left Cross-Section:** Shows the hinge stile (engineered wood) and composite cap. Dimensions: 0.5" (cap thickness), 0.698" (stile width), 1.71" (total height).
- Center Cross-Section:** Shows the interior view of the hinge stile and composite cap. Label: **G1 EXTERIOR**.
- Right Cross-Section:** Shows the lock stile (engineered wood) and composite cap. Dimensions: 3.6" (stile width), 0.5" (cap thickness).

Labels: COMPOSITE CAP, HINGE STILE (ENGINEERED WOOD), LOCK STILE (ENGINEERED WOOD).

2 HORIZONTAL CROSS SECTION

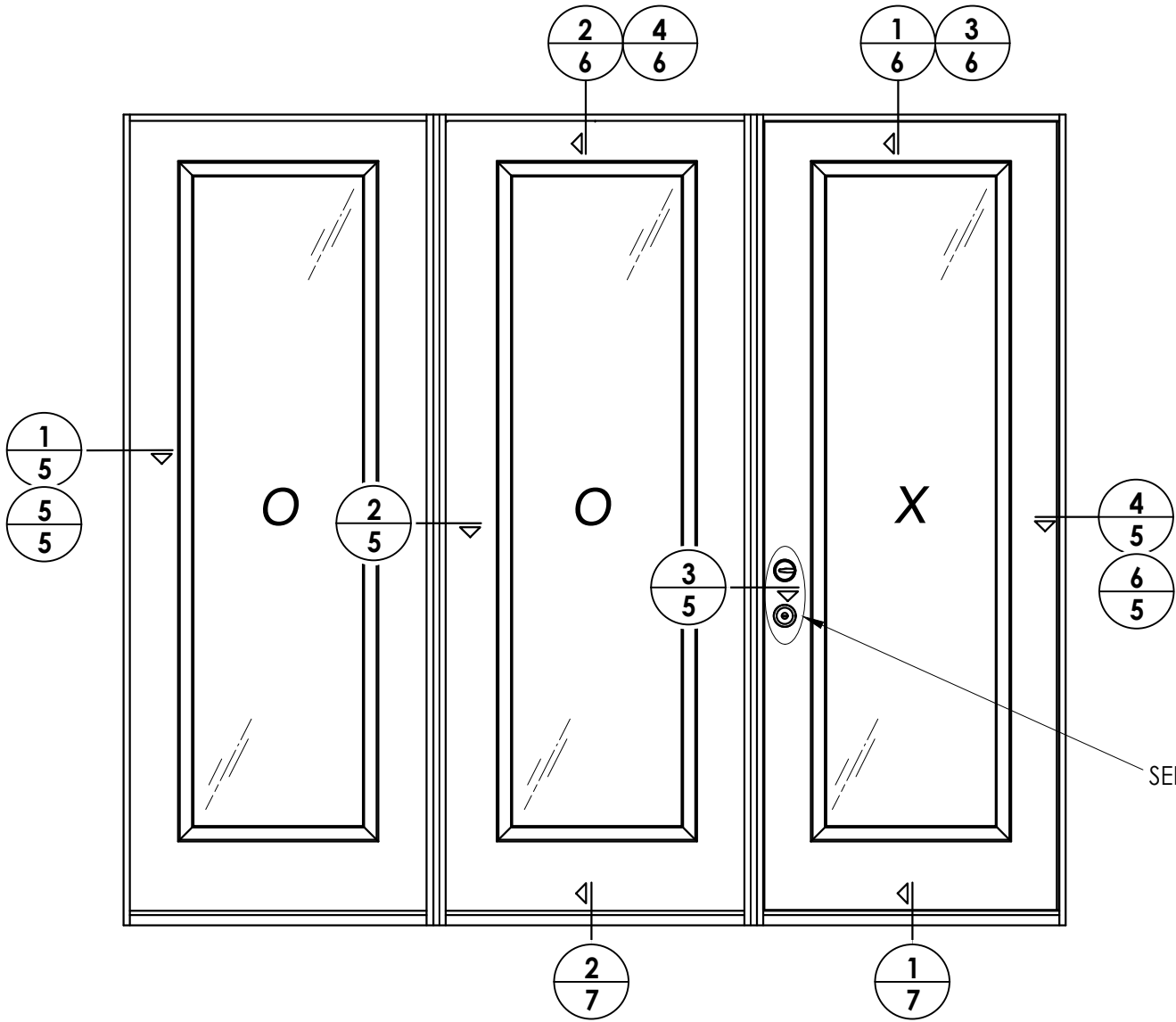
3 Composite Edge



3 VERTICAL CROSS SECTION
3 Wood or Composite Edge

[illegible]

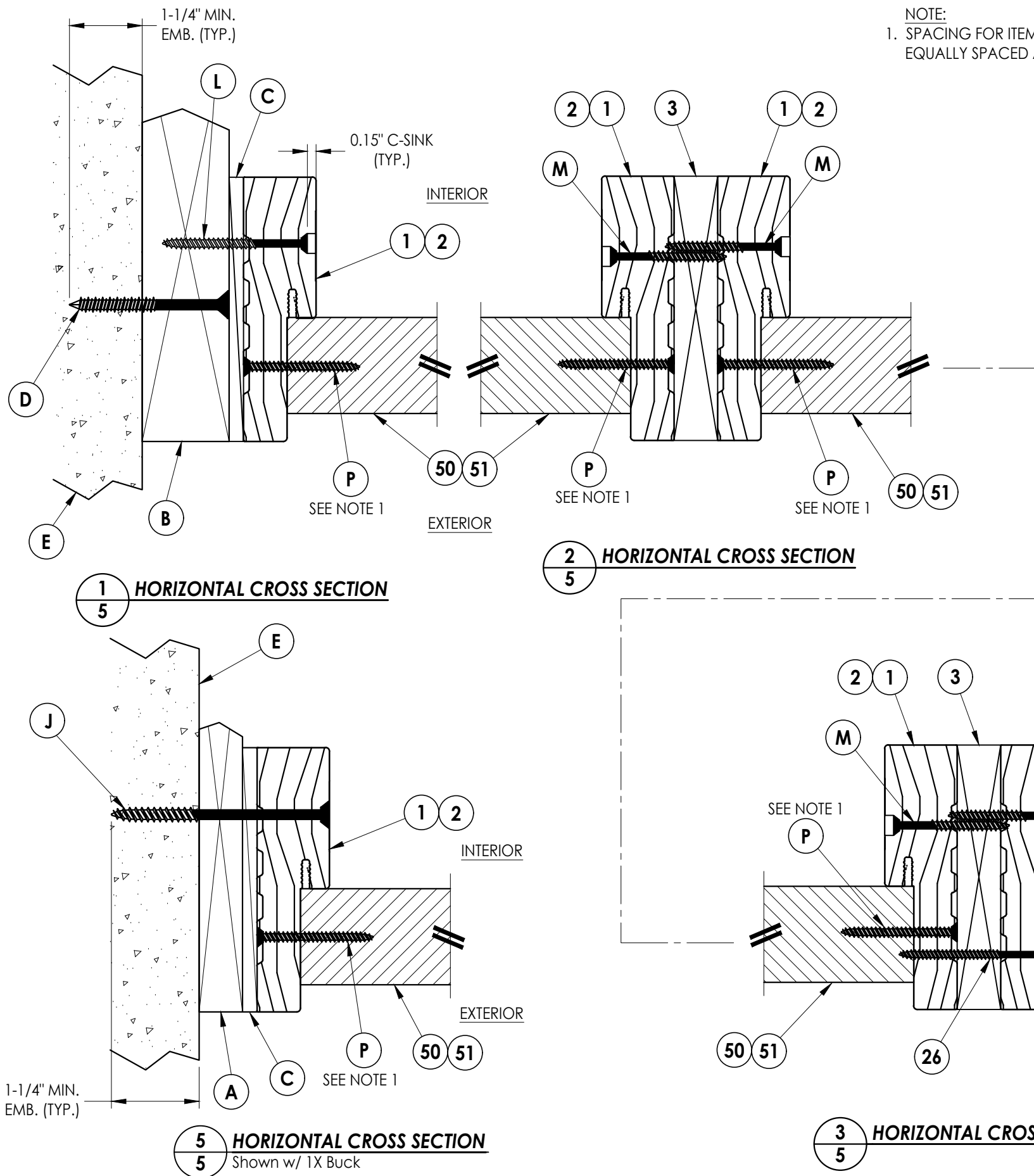
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ELEVATION
OOX, XOO

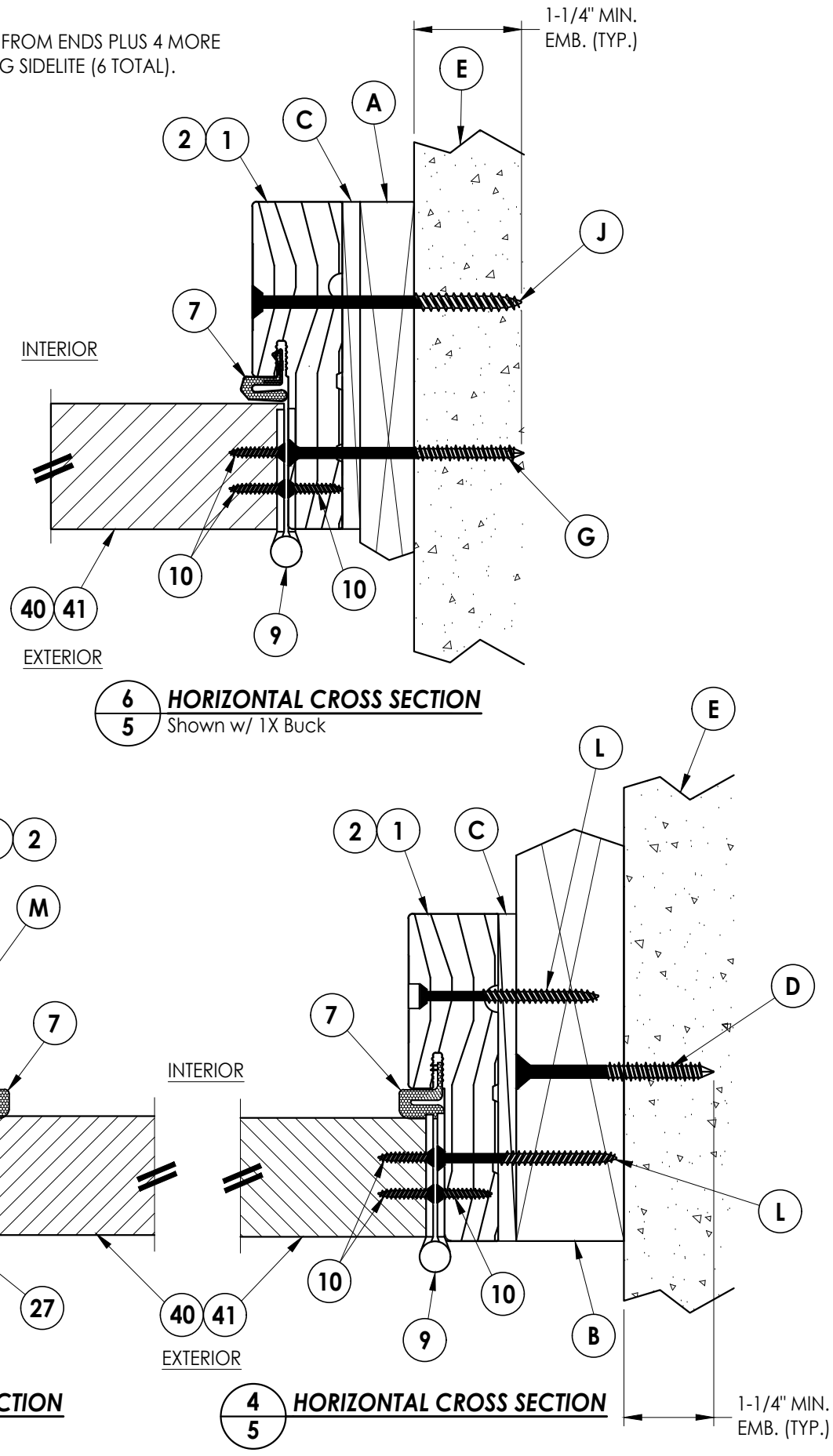
HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

PRODUCT: THERMA-TRU		PART OR ASSEMBLY: ELEVATION	
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
	NO.	DATE	BY
REVISIONS			
DATE: 12/10/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30925.4			
SHEET 4 OF 9			
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	



NOTE:

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

[illegible]

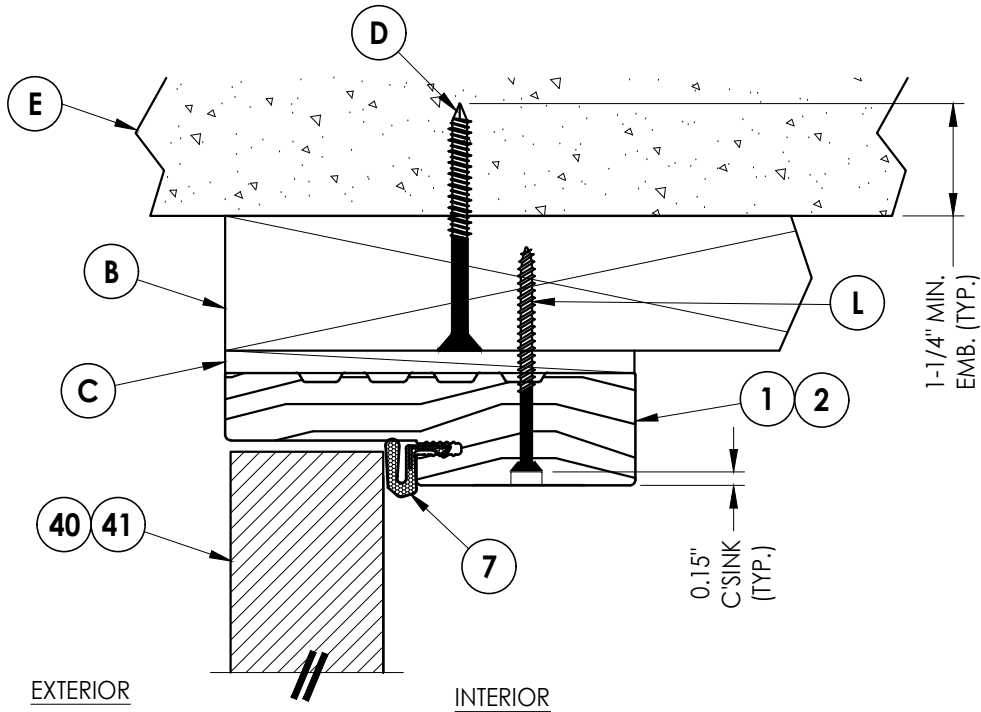
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

Ray BUILDING CONSULTANTS, INC.

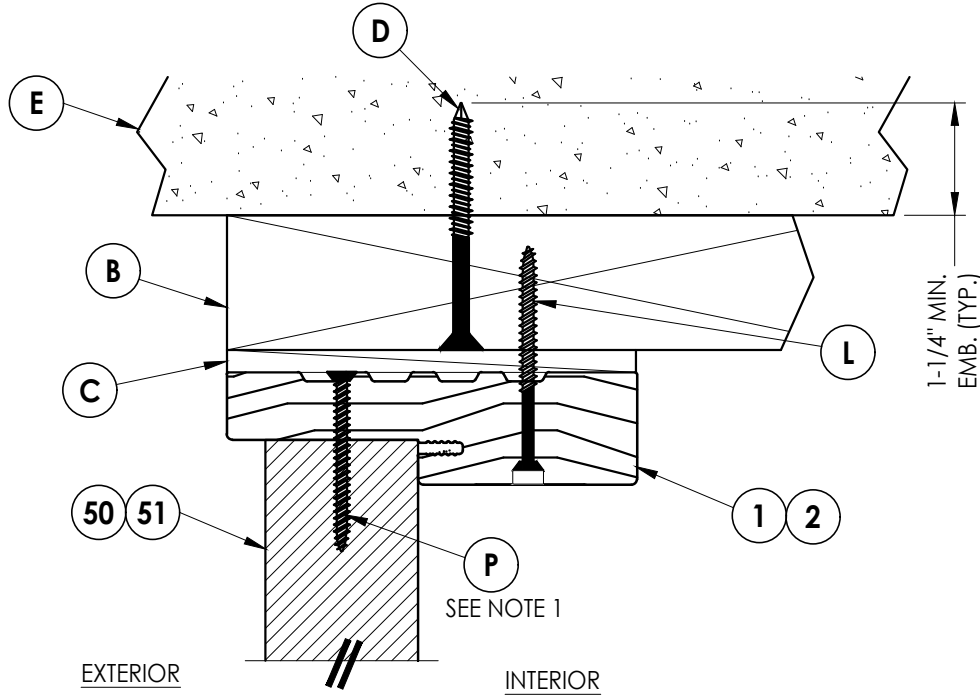
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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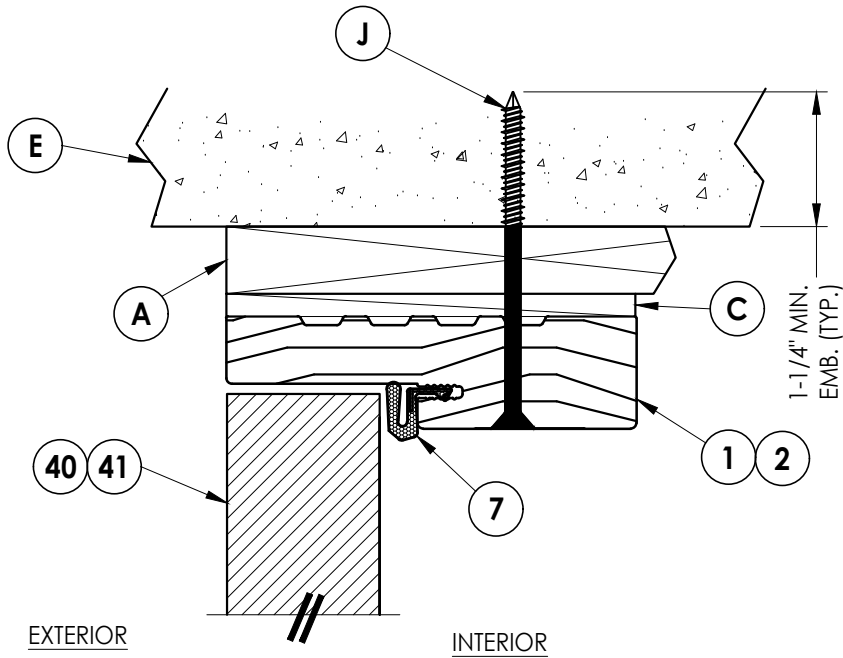
NOTE:
1. SPACING FOR ITEM P: 4" FROM ENDS (2 TOTAL).



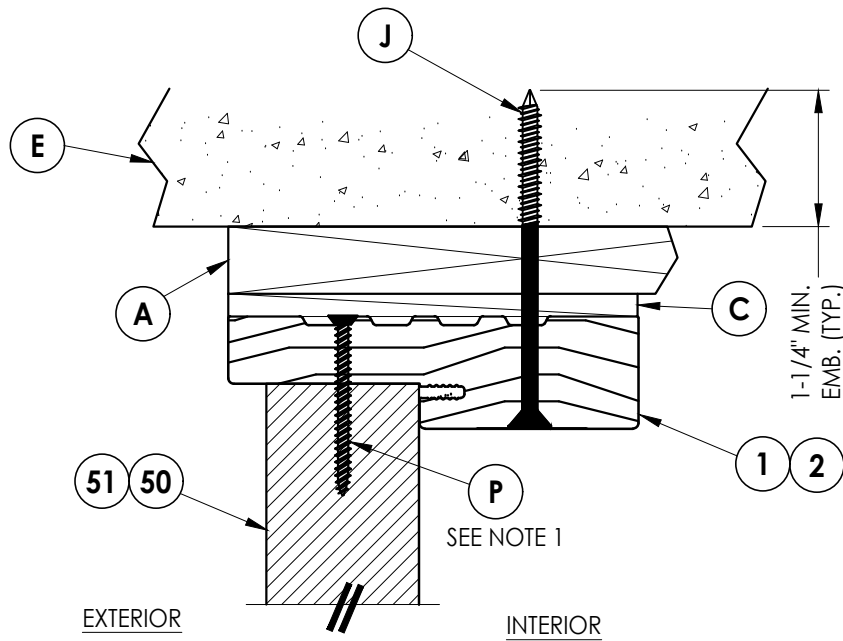
1
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



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

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

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

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.

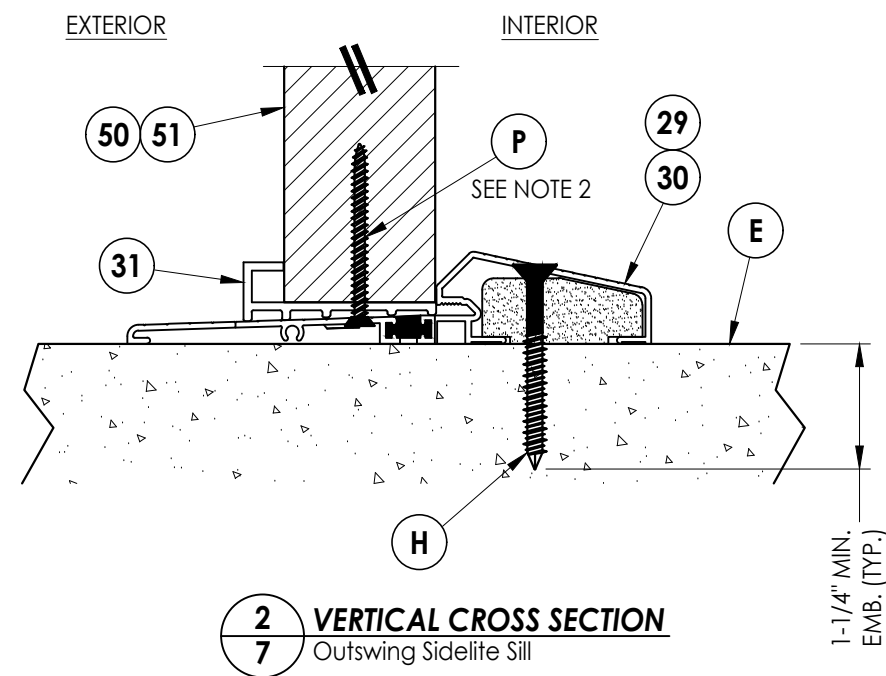
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30925.4

SHEET 6 OF 9

1. SILL ITEM #32 IS ATTACHED TO JAMBS w/ (2) #10 X 2" PPH SMS AT EACH END.
2. SILL ITEM #30 IS ATTACHED TO JAMBS w/ (3) #8 X 2-1/2" PFH SCREWS AT EACH END.
3. SPACING FOR ITEM P: 4" FROM ENDS (2 TOTAL).



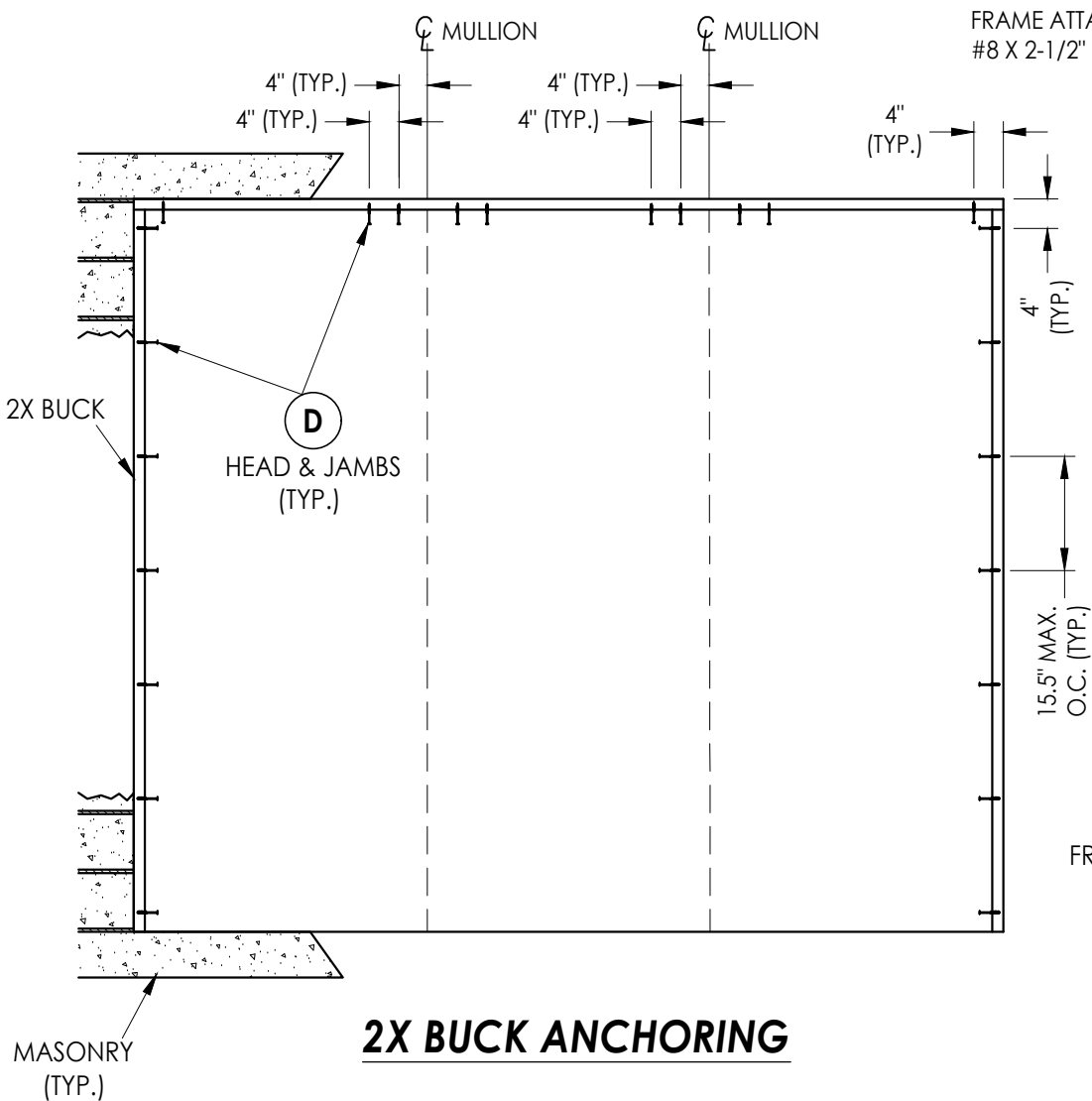
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2	7/24/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	8/18/20	UPDATE TO 7th ED.	(2020)	FBC	DAC
NO.	DATE				BY
					REVISIONS

DATE:	12/10/19
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-30925.4
SHEET	7 OF 9

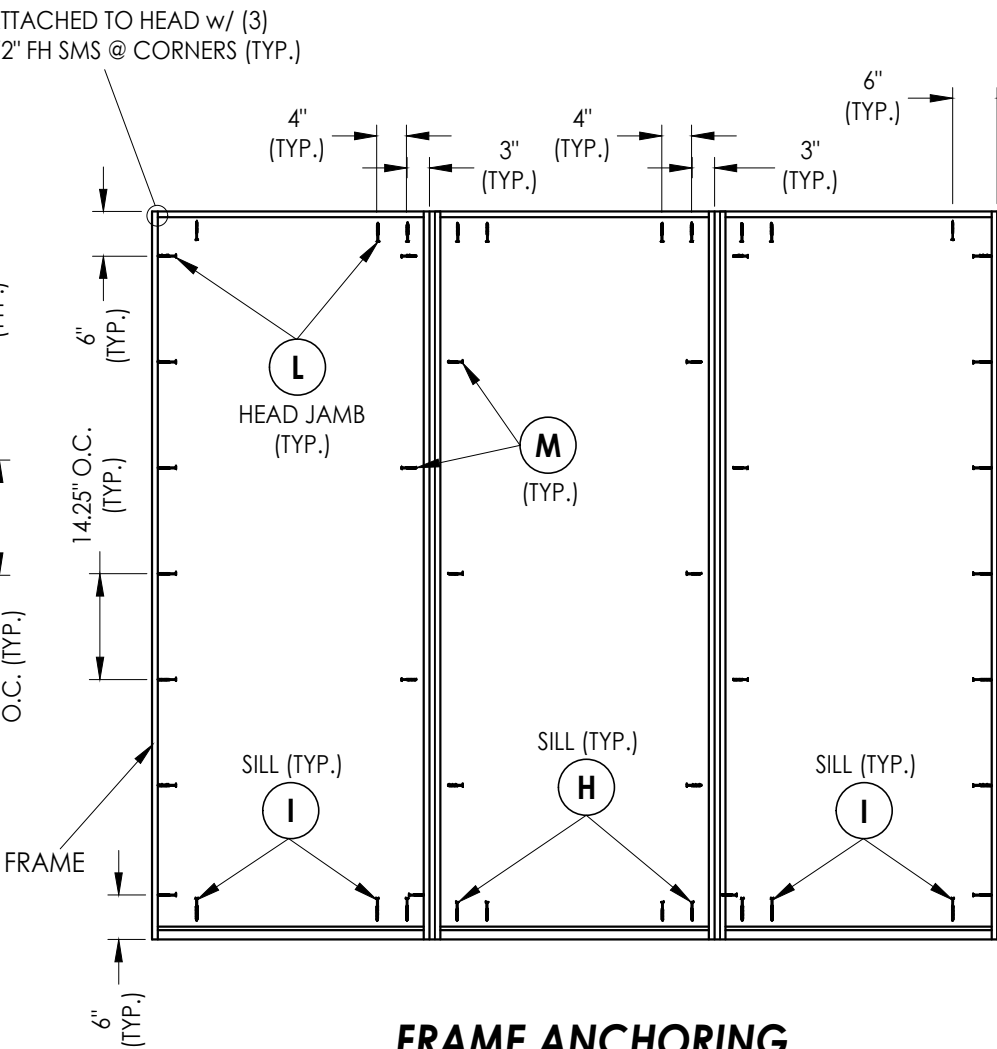
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

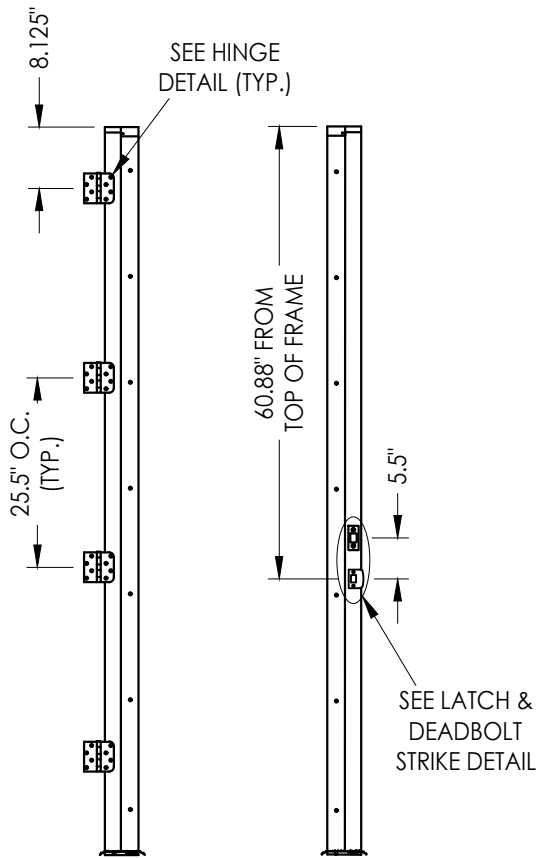
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2X BUCK ANCHORING



FRAME ANCHORING



HINGE JAMB

STRIKE JAMB

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.

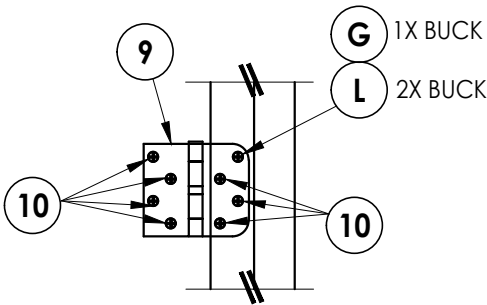
CONCRETE ANCHOR NOTES:

- 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:

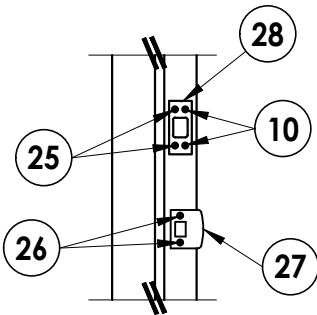
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8 inch edge distance, 1 inch end distance, & 1 inch o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



LATCH & DEADBOLT STRIKE DETAIL

Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT: THERMA TRU

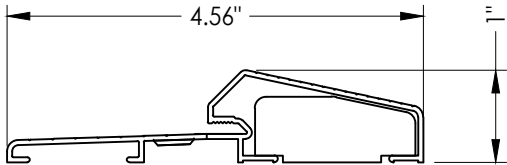
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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

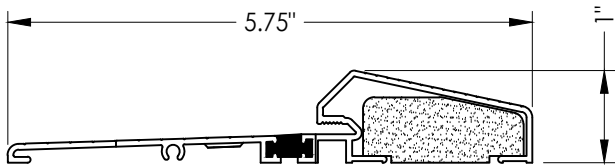
DATE: 12/10/19
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-30925.4
SHEET 8 OF 9

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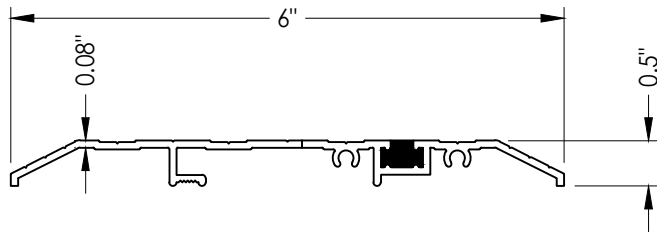
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" 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
8	DOOR BOTTOM SWEEP	PVC
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
32	PUBLIC ACCESS THRESHOLD	ALUM
40	DOOR PANEL (WOOD EDGE)	-
41	DOOR PANEL (COMPOSITE EDGE)	-
50	SIDELITE PANEL (WOOD EDGE)	-
51	SIDELITE PANEL (COMPOSITE EDGE)	-



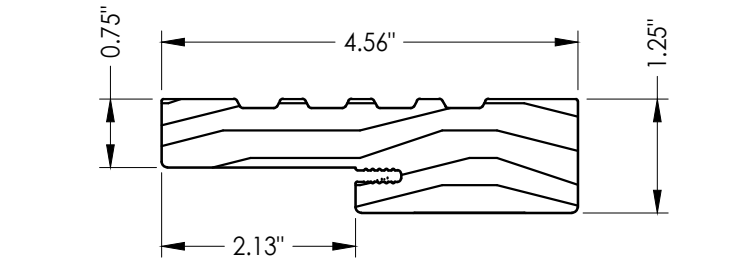
29 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Shown without Thermal Break)
(Available with Thermal Break)



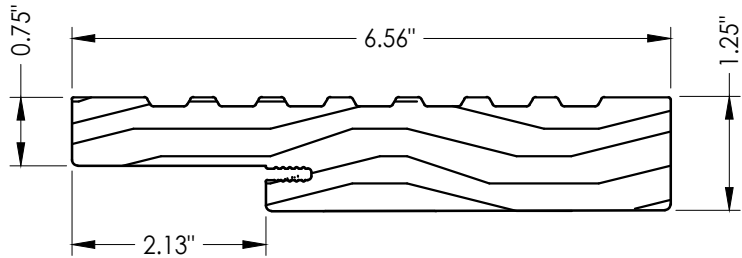
30 OUTSWING THRESHOLD
Composite/Aluminum Sill
(Shown with Thermal Break)
(Available without Thermal Break)



32 PUBLIC ACCESS THRESHOLD
(Shown with Thermal Break)
(Similar without Thermal Break)

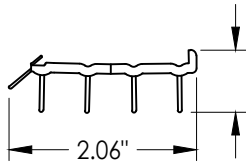


1 WOOD JAMB (4-9/16")

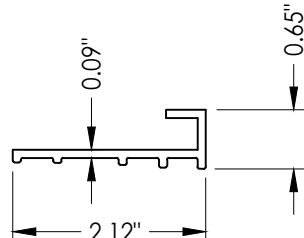


2 WOOD JAMB (6-9/16")

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



8 SWEEP



31 OUTSWING SILL SIDELITE SEAT

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA TRU

PART OR ASSEMBLY:
BILL OF MATERIAL &
COMPONENTS

		REVISIONS	
NO.	DATE	BY	
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: JK

CHK. BY: LFS

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SHEET 9 OF 9