



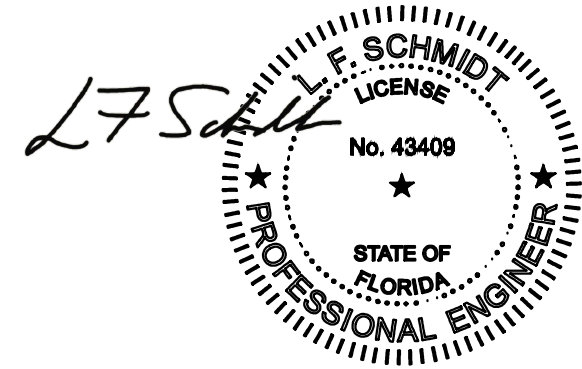
FLUSH GLAZED FIBERGLASS DOOR
CENTER HINGED
SINGLE w/ SIDELITE

INSWING
"NON-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, glazed products are required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 of the FBC.
- 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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3	Sidelite Panel & Lite Frame Glazing Details	8	Vertical Cross Sections (Thresholds)
4	Elevation	9	Buck & Frame Anchoring & Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)	10	Bill of Materials & Components

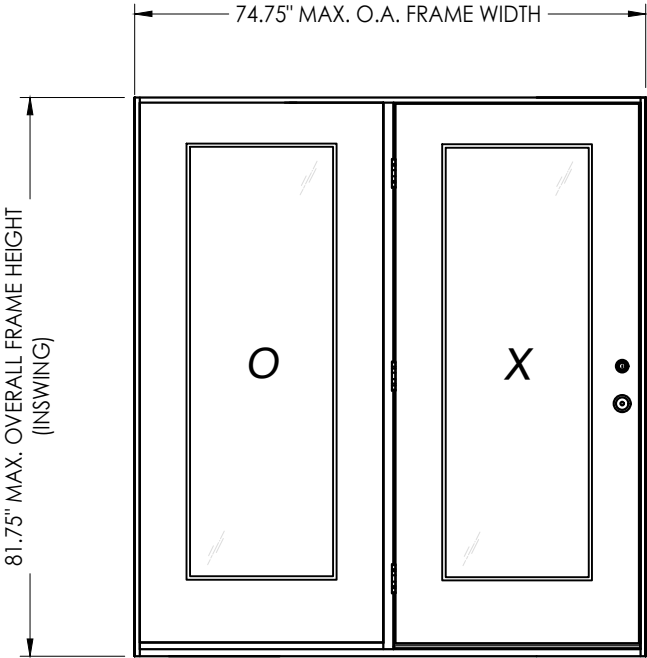


Digitally signed by
Lyndon F Schmidt
Date: 2026.07.02
14:49:58 -04'00'

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



OX, XO
CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
OX, XO	74.75" x 81.75"	+60.0	-60.0

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

YOUNG MFG
FIBERGLASS DOOR

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

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

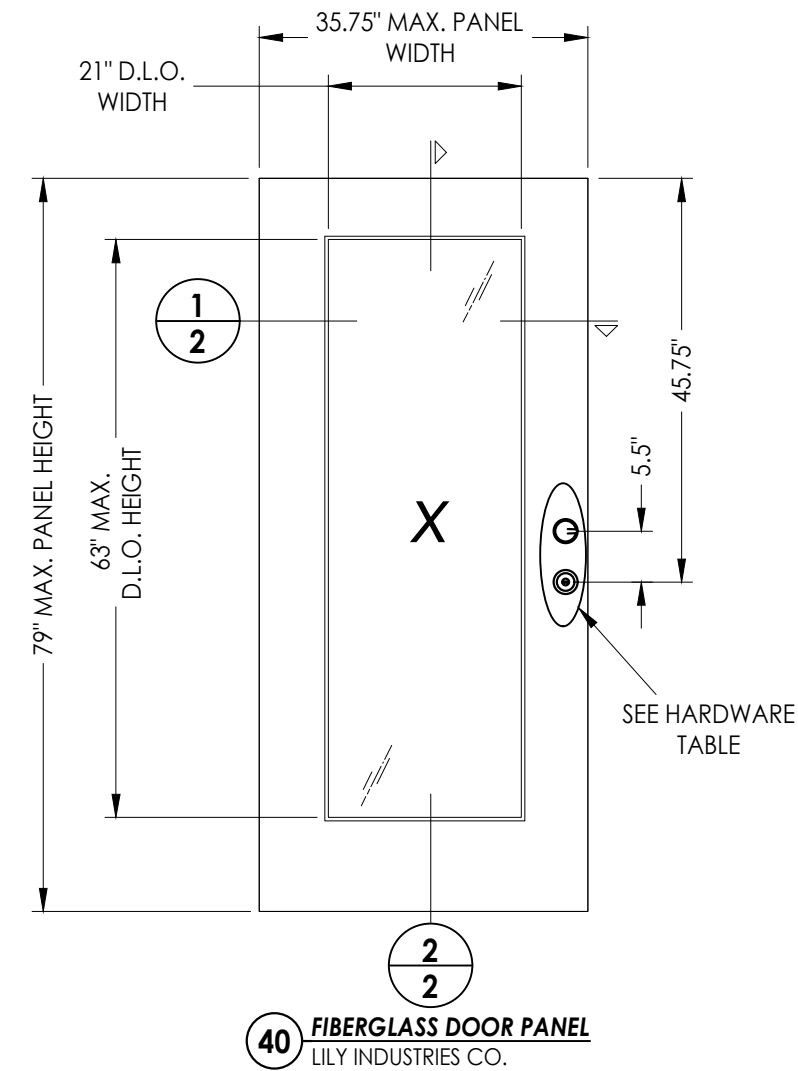
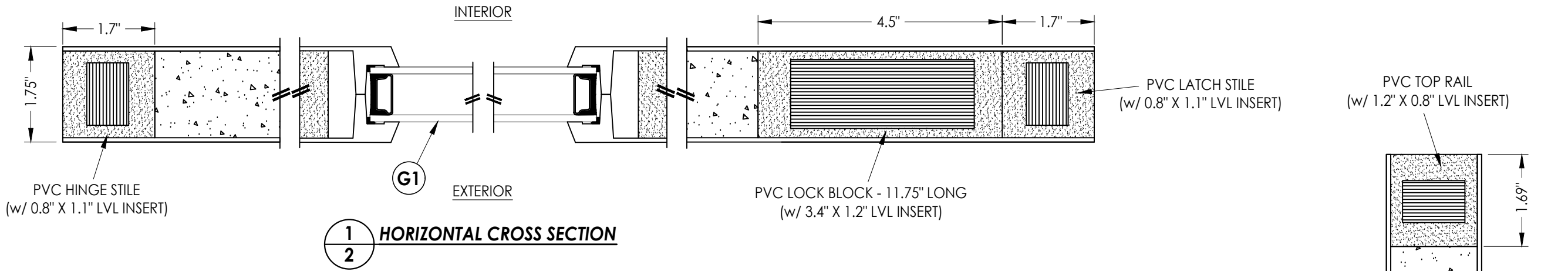
DRAWING NO.: FL-47793.4

SHEET 1 OF 10

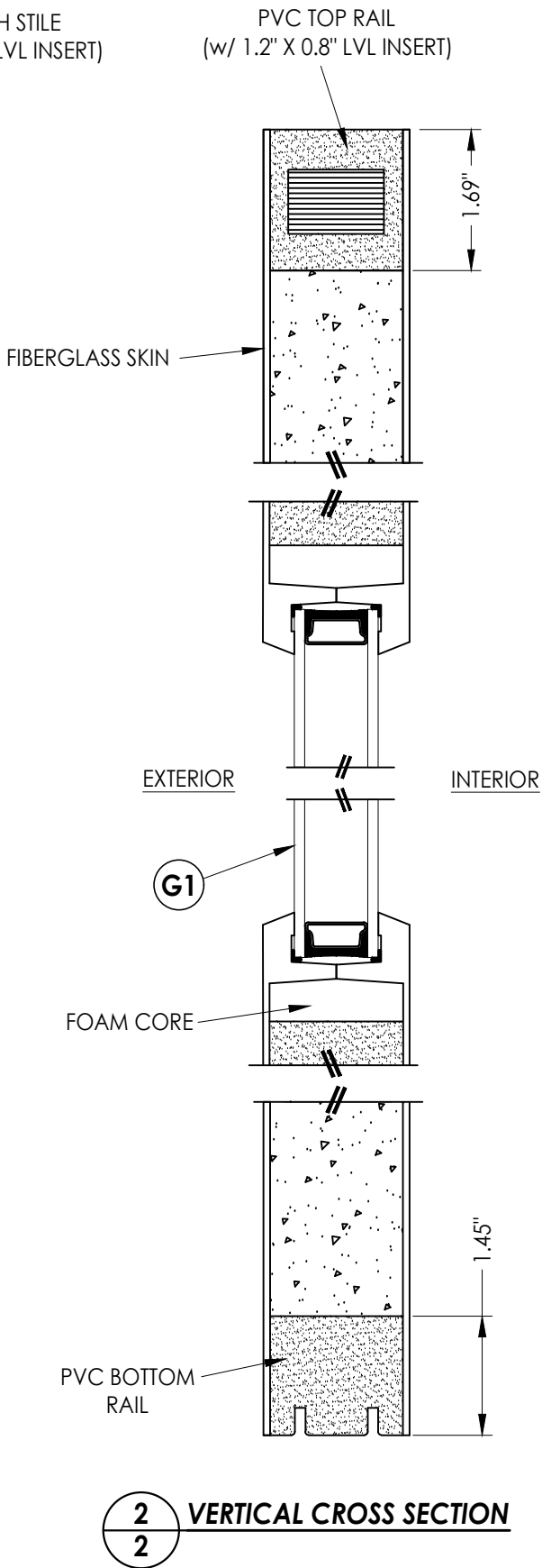
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

REVISIONS

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HARDWARE CHART		
MANUFACTURER	MODEL	
Kwikset	Knob:	Signature Series
	Deadbolt:	Series (660)
Schlage	Knob:	F Series
	Deadbolt:	B60 Series



FIBERGLASS SKIN: 0.090" MIN. THK.
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

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

PRODUCT: YOUNG MFG
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-47793.4

SHEET 2 OF 10

REVISIONS

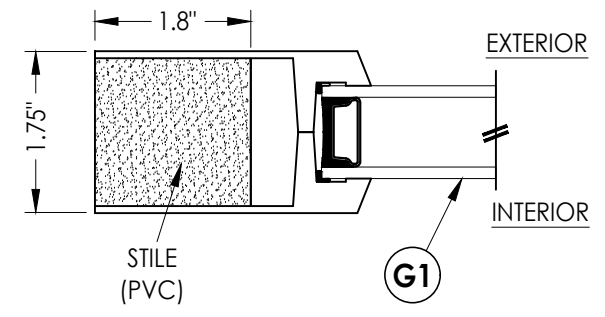
NO.	DATE	BY

RW

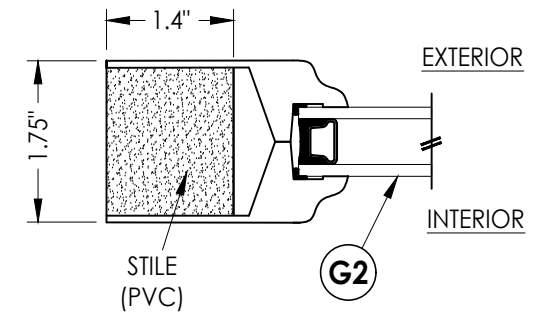
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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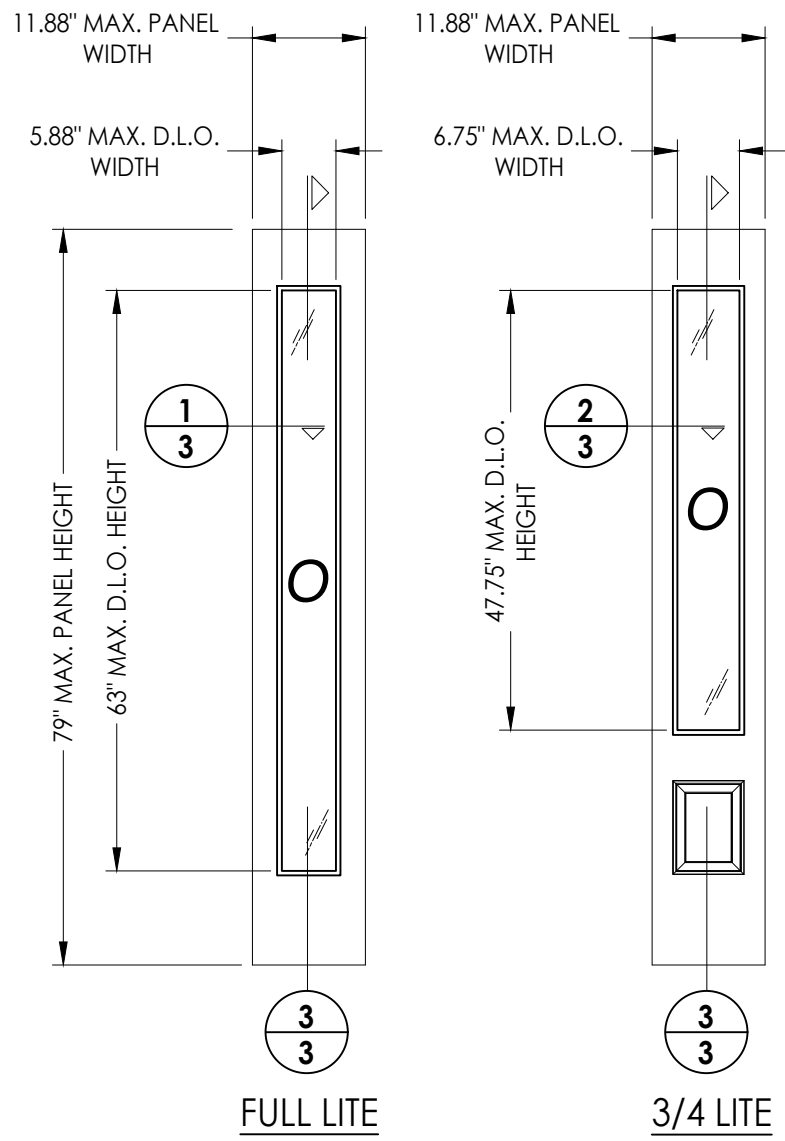
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1
3 **HORIZONTAL CROSS SECTION**

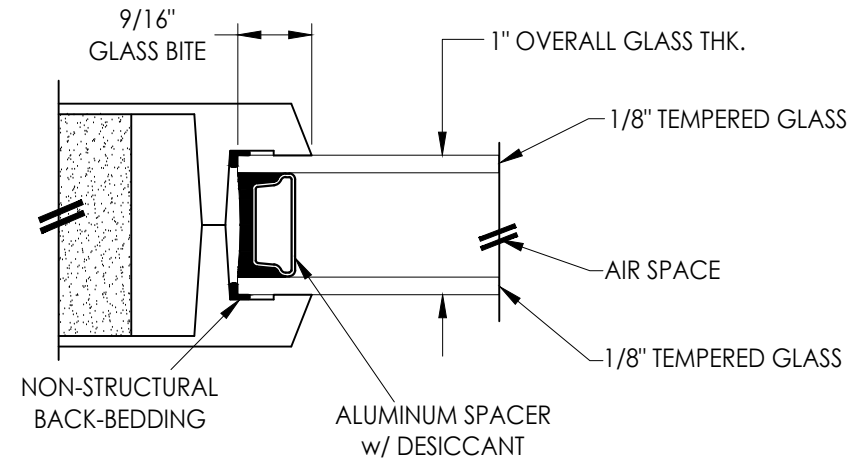


2
3 **HORIZONTAL CROSS SECTION**

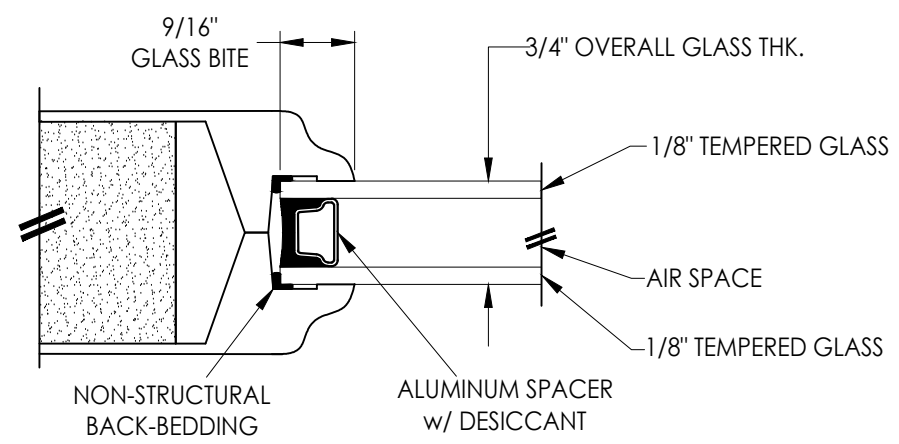


50 **FIBERGLASS SIDELITE PANEL**
LILY INDUSTRIES CO.

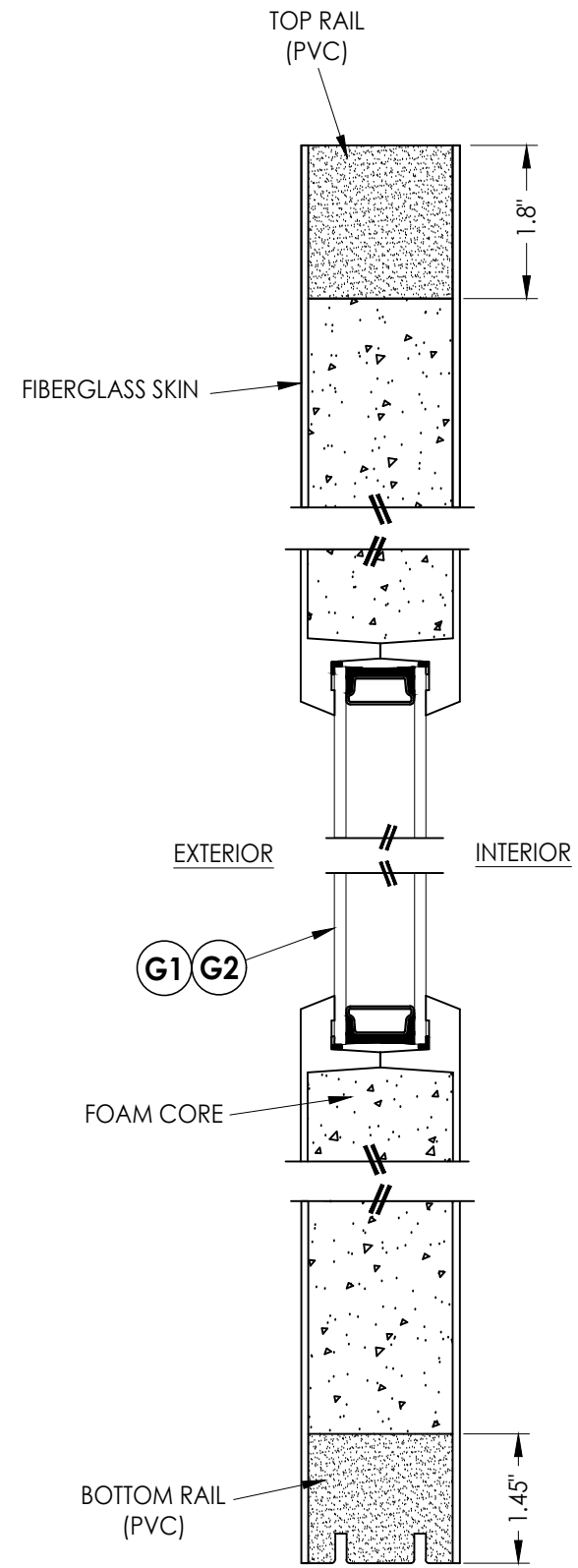
FIBERGLASS SKIN: 0.090" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.



G1 **GLAZING DETAIL**

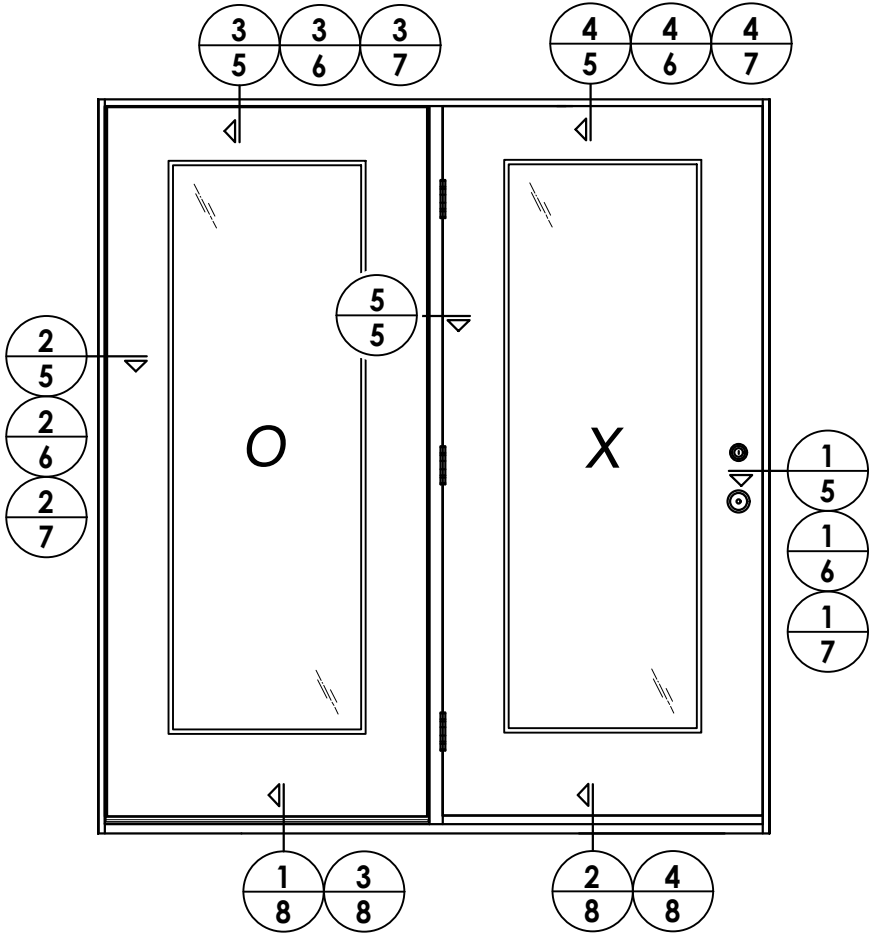


G2 **GLAZING DETAIL**



2
3 **VERTICAL CROSS SECTION**

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: YOUNG MFG FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL & LITE FRAME GLAZING DETAILS	
			BY
			NO.
			DATE
			REVISIONS
DATE: 9/10/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47793.4			
SHEET 3 OF 10			



SINGLE DOOR (CENTER HINGED) w/ SIDELITE

DATE: 9/10/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-47793.4
SHEET 4 OF 10

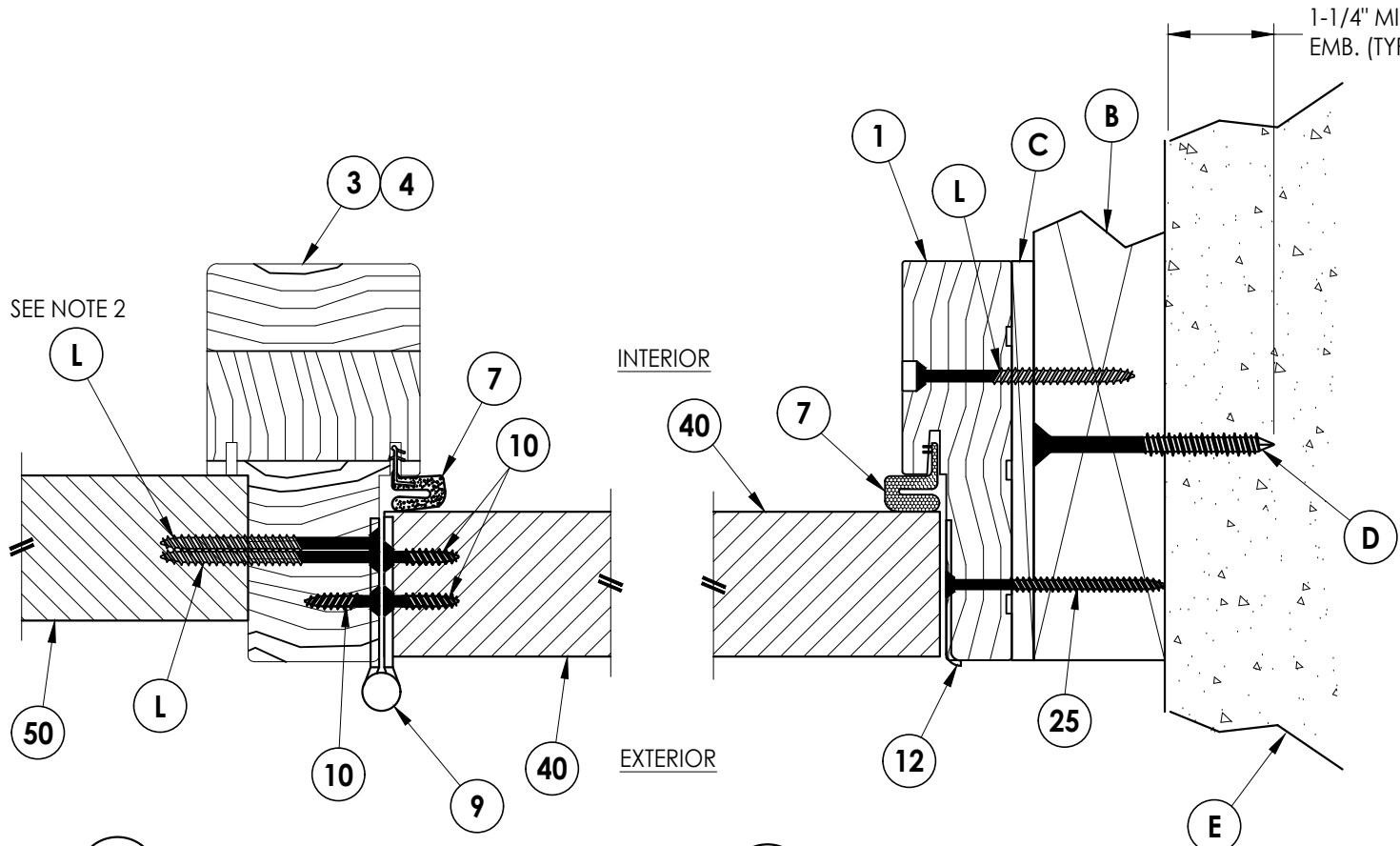
PRODUCT: YOUNG MFG FIBERGLASS DOOR	
PART OR ASSEMBLY: ELEVATIONS	
NO	DATE
BY	
REVISIONS	

Documents Prepared By:
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FBPE Registry No. 9813

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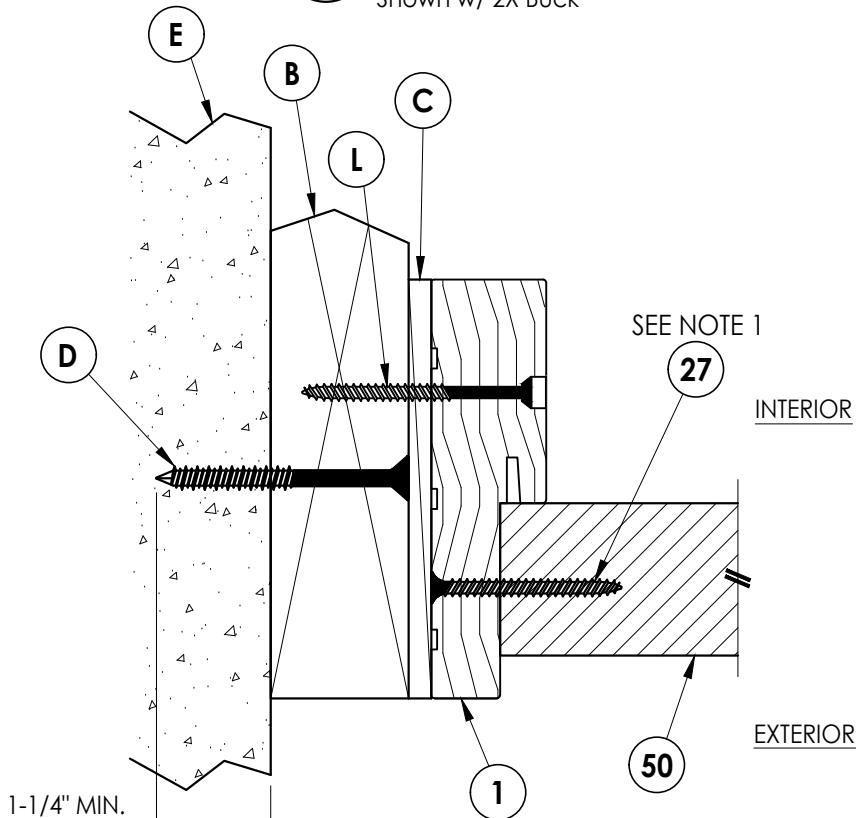
NOTES:

1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).
2. Sidelite assembly screws located equally spaced between each hinge (2 total).

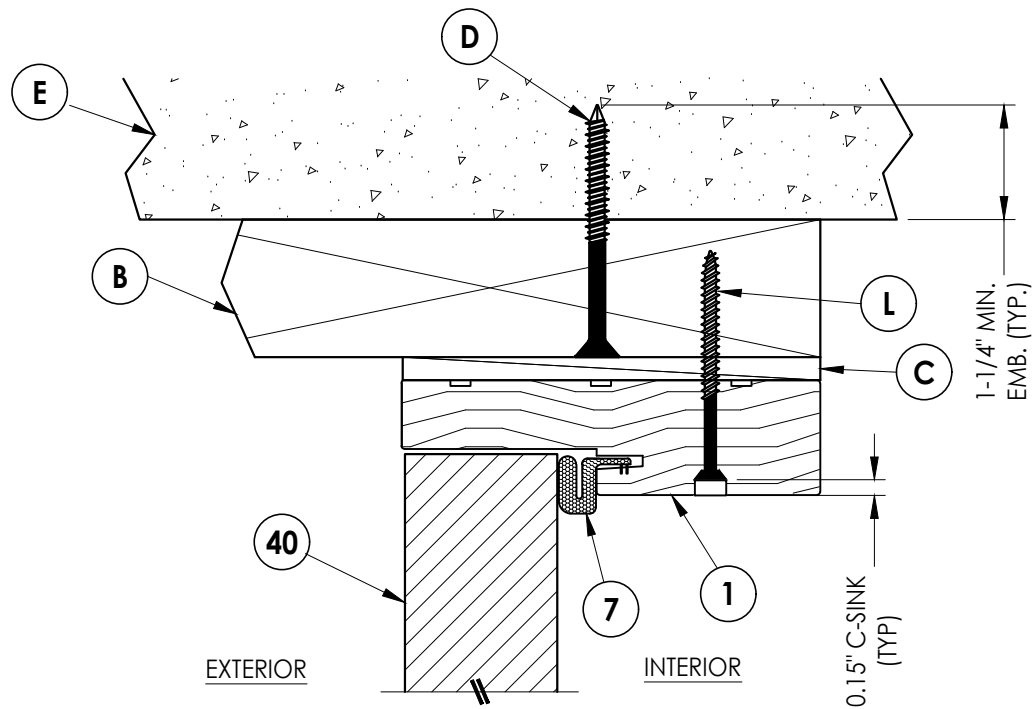


5 HORIZONTAL CROSS SECTION
5 Outswing Shown (Inswing Similar)

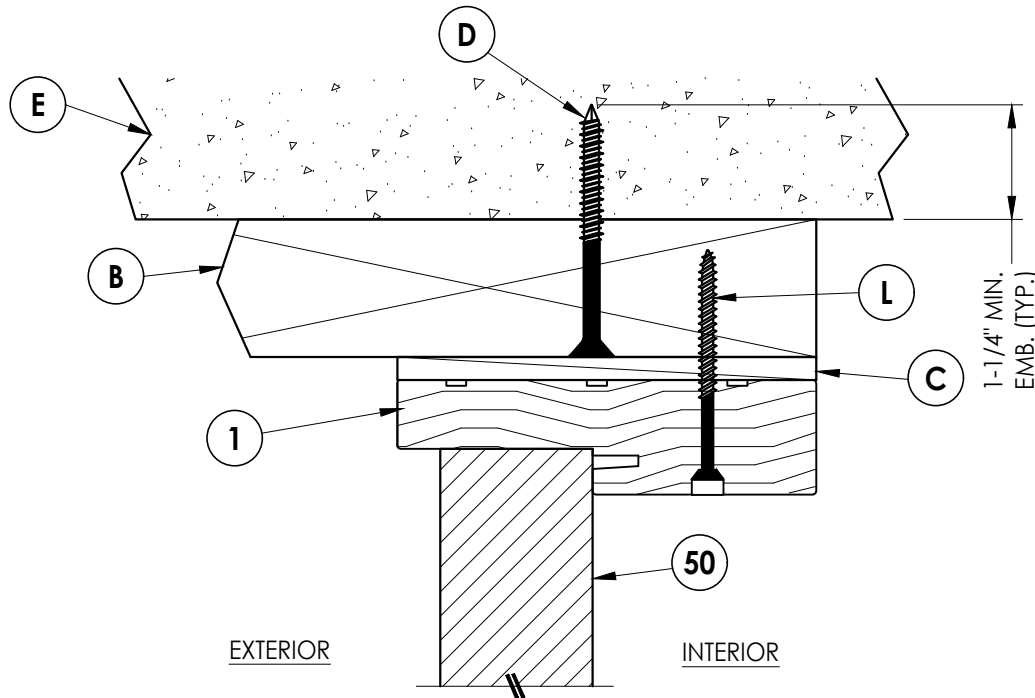
1 HORIZONTAL CROSS SECTION
5 Outswing Shown (Inswing Similar)
Shown w/ 2X Buck



2 HORIZONTAL CROSS SECTION
5 Outswing Shown (Inswing Similar)
Shown w/ 2X Buck



3 VERTICAL CROSS SECTION
5 Outswing Shown (Inswing Similar)
Shown w/ 2X Buck



4 VERTICAL CROSS SECTION
5 Outswing Shown (Inswing Similar)
Shown w/ 2X Buck

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

PRODUCT: YOUNG MFG
FIBERGLASS DOOR

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

NO.	DATE	BY	REVISIONS

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

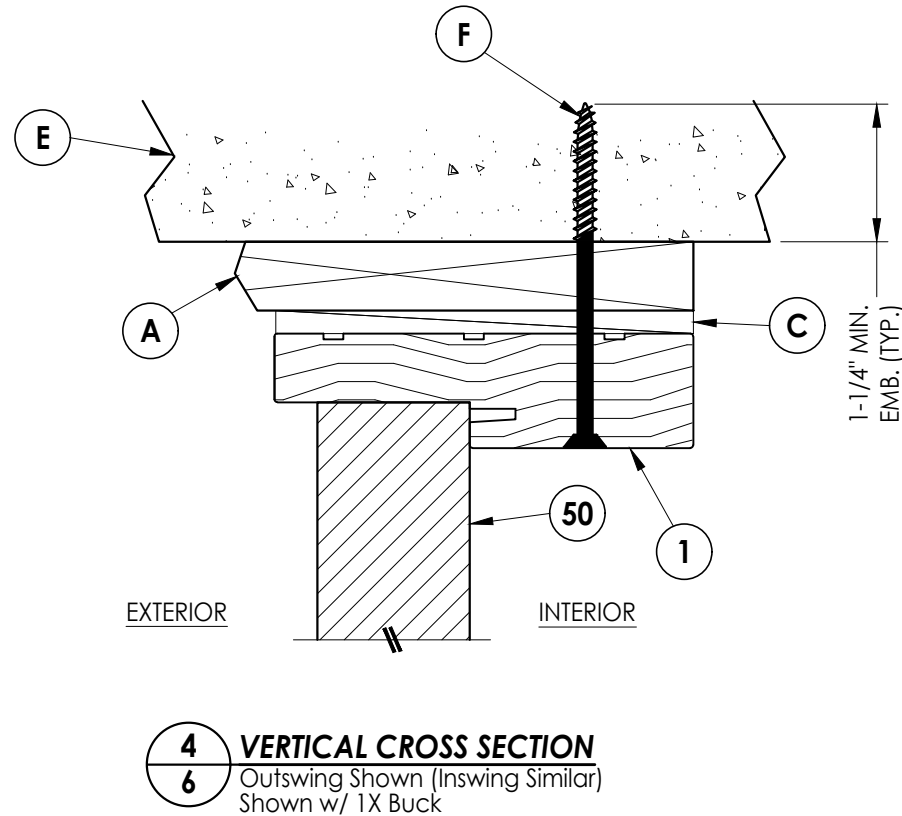
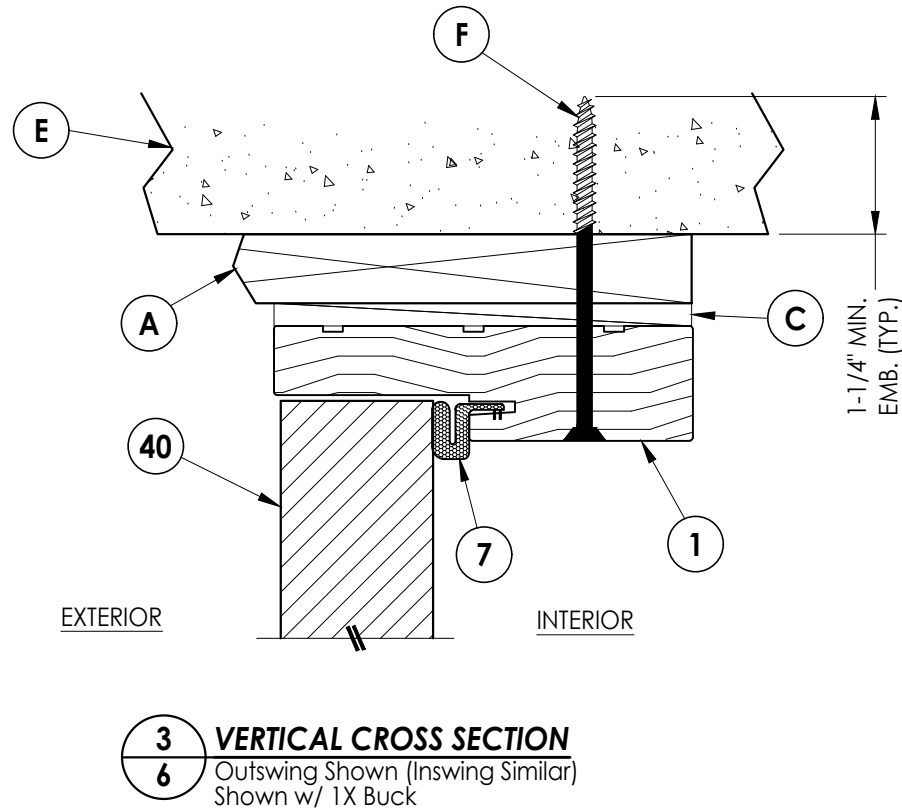
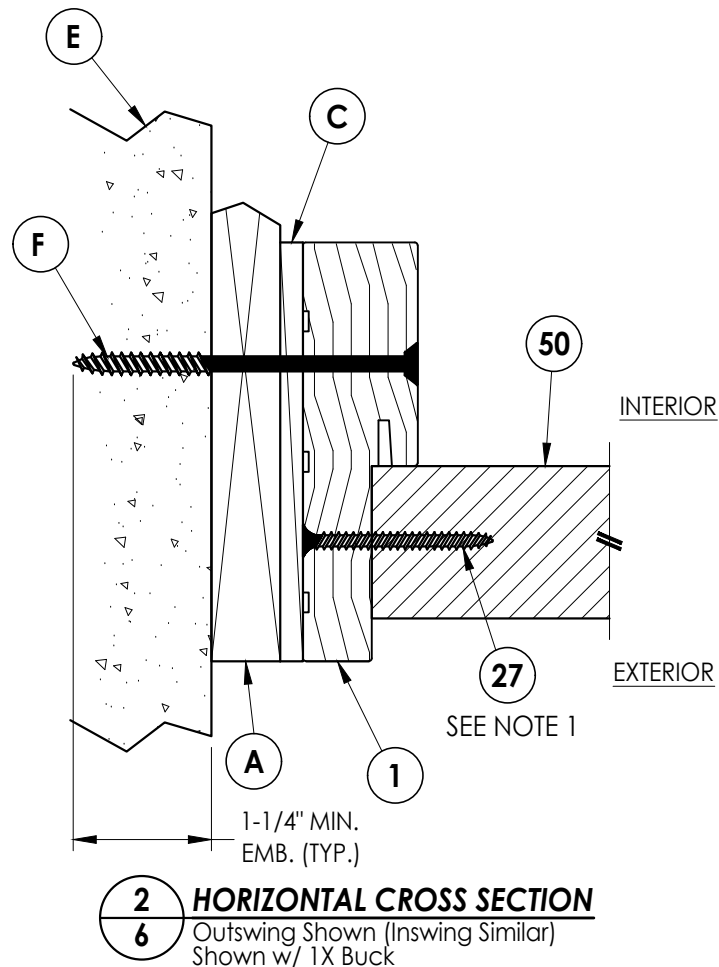
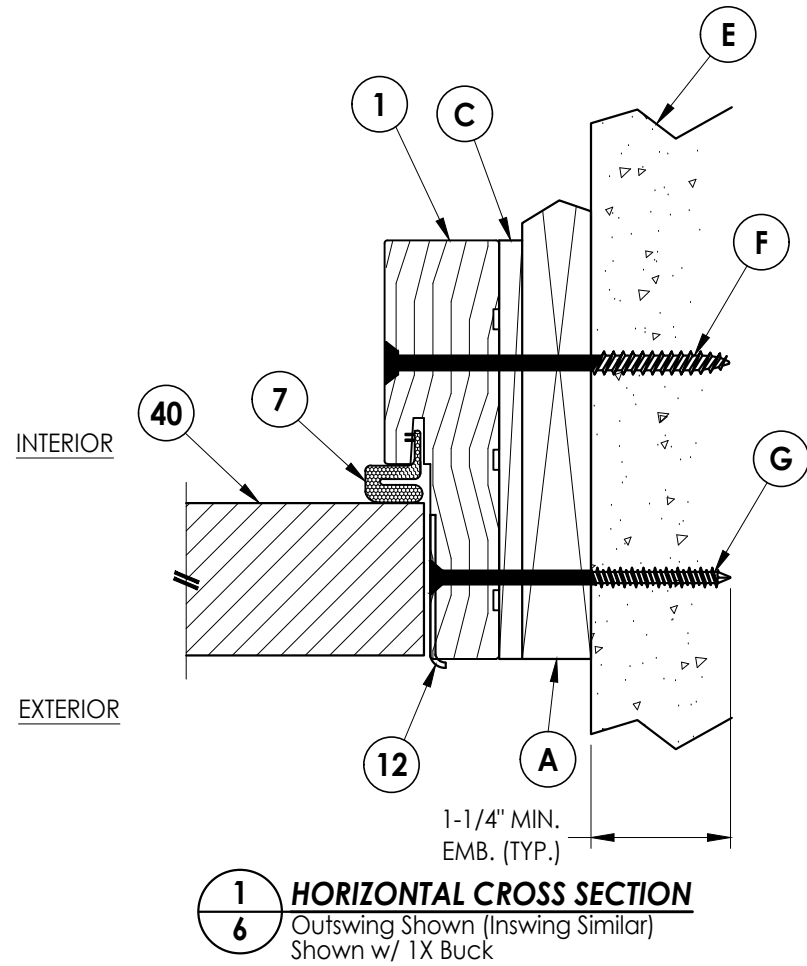
CHK. BY: RW

DRAWING NO.:

FL-47793.4

SHEET 5 OF 10

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NOTE:
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).

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PRODUCT: YOUNG MFG FIBERGLASS DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
					</		



EXTERIOR

1 **HORIZONTAL CROSS SECTION**

7 Outswing Shown (Inswing Similar)
Shown Direct to Masonry

Outswing Shown (Inswing Similar)
Shown Direct to Masonry



INTERIOR

3 VERTICAL CROSS SECTION

7 Outswing Shown (Inswing Similar)
Shown Direct to Masonry

Outswing Shown (Inswing Similar)
Shown Direct to Masonry



EXTERIOR

2 HORIZONTAL CROSS SECTION

7 Outswing Shown (Inswing Similar) Shown Direct to Masonry

Outswing Shown (Inswing Similar)
Shown Direct to Masonry



INTERIOR

4 7 **VERTICAL CROSS SECTION** Outswing Shown (Inswing Similar) Shown Direct to Masonry

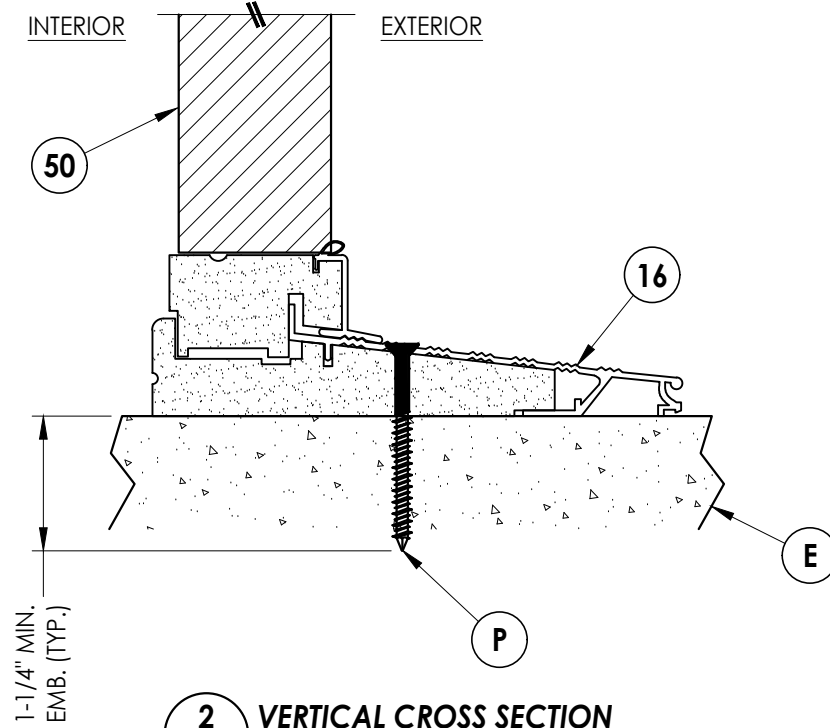
Outswing Shown (Inswing Similar)
Shown Direct to Masonry

NOTE:

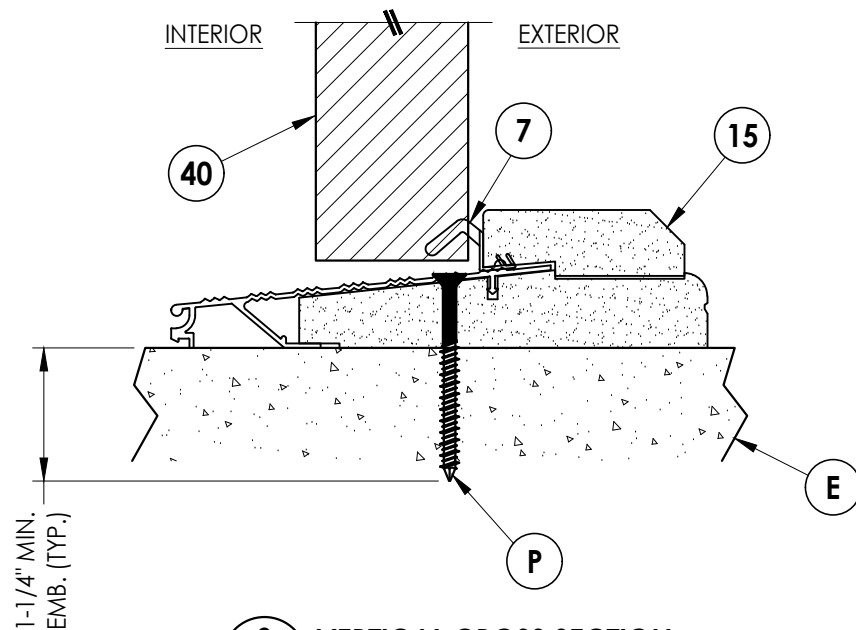
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).

[illegible]

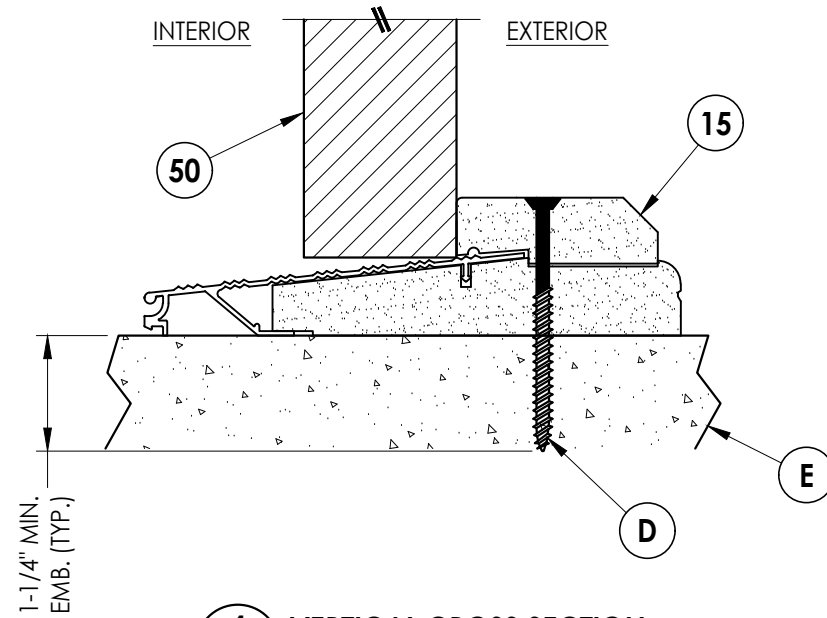
1 **VERTICAL CROSS SECTION**
8 Inswing Sill



2 **VERTICAL CROSS SECTION**
8 Inswing Sill



3 **VERTICAL CROSS SECTION**
8 Outswing Sill



4 **VERTICAL CROSS SECTION**
8 Outswing Sill

[illegible]

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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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	WOOD JAMB (POPLAR)	WOOD
3	INTEGRAL WOOD MULLION	WOOD
4	INTEGRAL WOOD MULLION (HIGH PROFILE)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
16	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

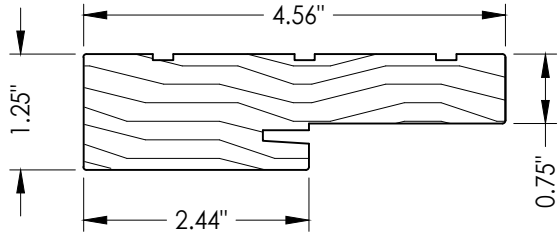
CONCRETE ANCHOR NOTES:

- 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 BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

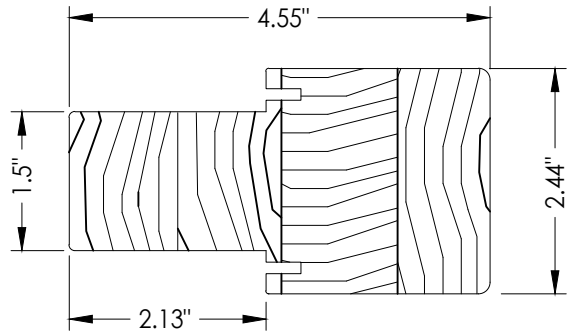
WOOD SCREW INSTALLATION NOTES:

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

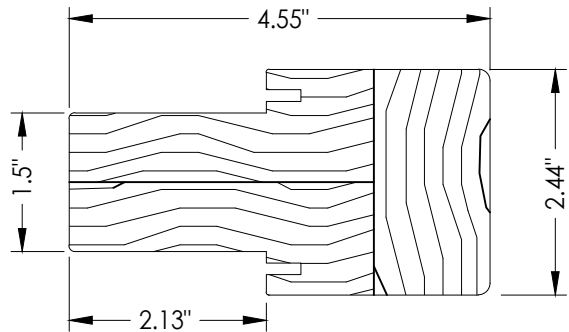


1 WOOD JAMB (POPLAR)
Young Mfg.

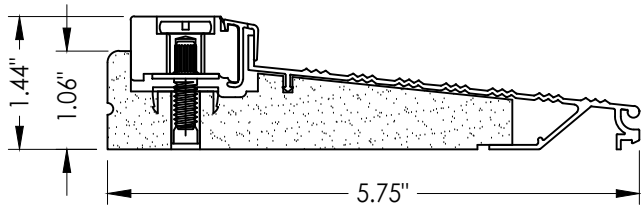
"ARMALAST" OR "PRIMED"
POPLAR WOOD JAMB/MULLION
MAY BE UTILIZED



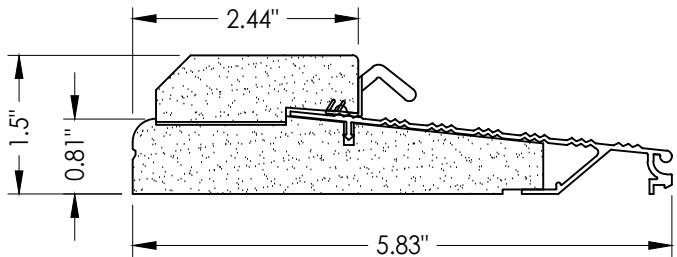
3 INTEGRAL WOOD MULLION
FINGER-JOINT POPLAR
Young Mfg.



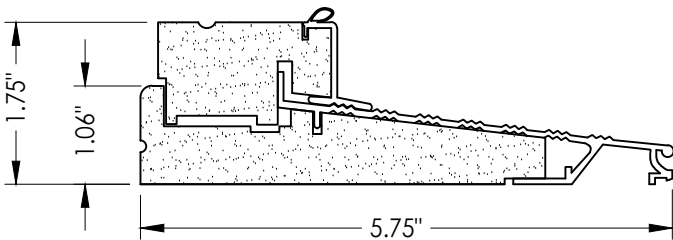
4 INTEGRAL WOOD MULLION
FINGER-JOINT POPLAR (HIGH PROFILE)
Young Mfg.



14 INSWING THRESHOLD
Young Mfg.



15 OUTSWING THRESHOLD
Young Mfg.



16 INSWING THRESHOLD w/ SIDELITE ADAPTER
Young Mfg.

Documents Prepared By:
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PRODUCT: YOUNG MFG
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-47793.4

SHEET 10 of 10