

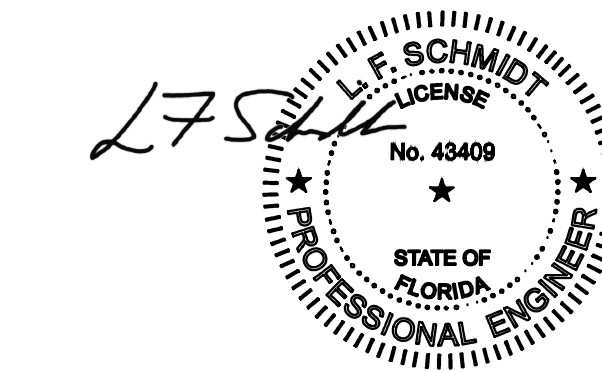


**FLUSH GLAZED FIBERGLASS DOOR**  
**SINGLE**  
**INSWING/OUTSWING**  
**"NON-IMPACT"**

## 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
4. 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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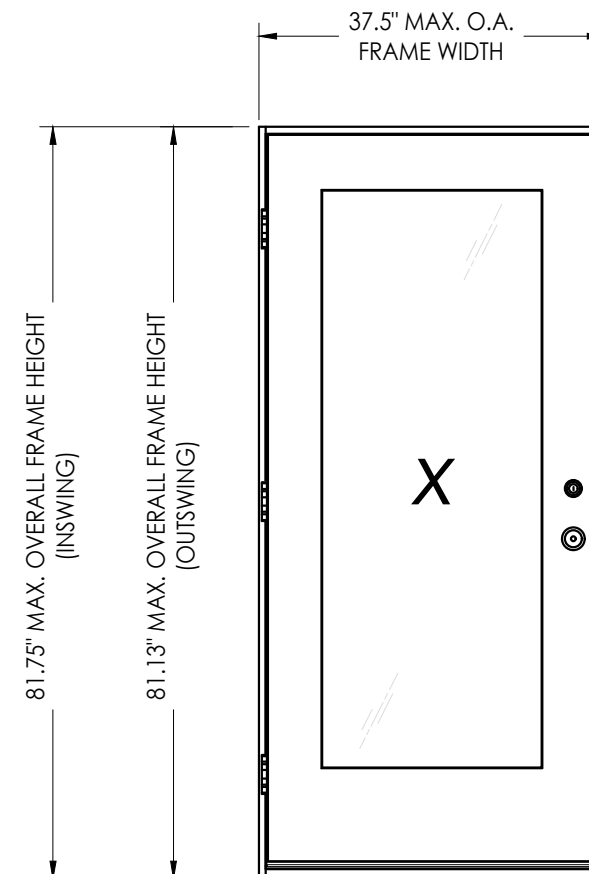


Digitally signed by Lyndon F  
Schmidt  
Date: 2026.07.02 14:50:43 -04'00'

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 | MAX. FRAME DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| X             | 37.5" x 81.75"       | +50.0                         | -50.0    | +50.0                          | -50.0    |

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

***RRW*** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33486  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: YOUNG MFG  
FIBERGLASS DOOR

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

[illegible]

DATE: 9/10/24

SCALE: *N.T.S.*

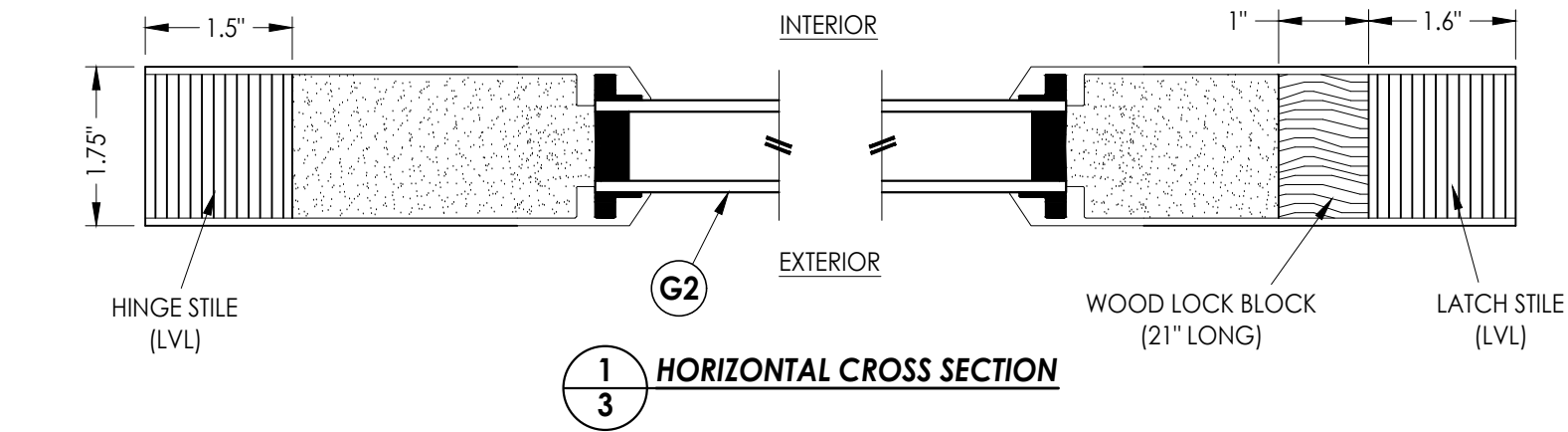
DWG. BY: LFS

CHK. BY: *RW*

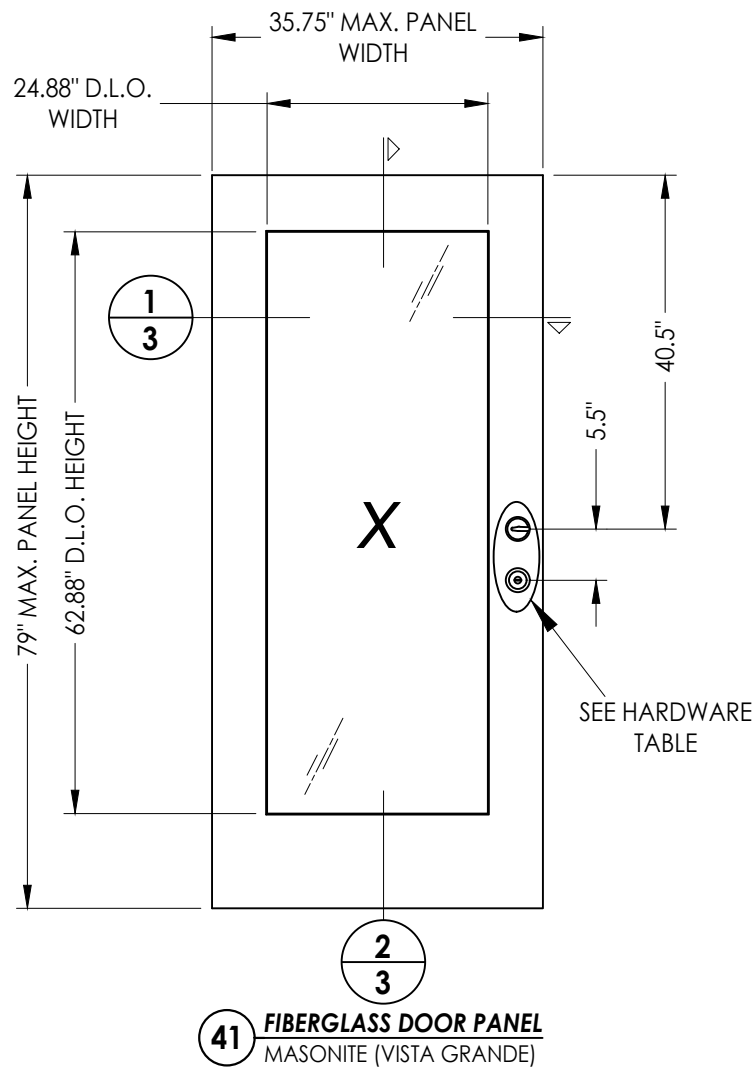
DRAWING NO.:  
FL-47793.8

SHEET 1 OF 8

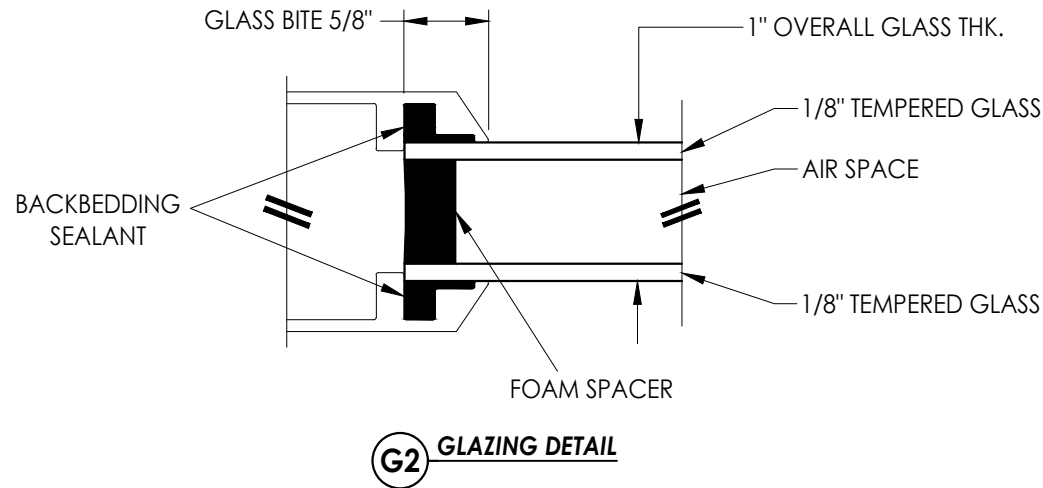
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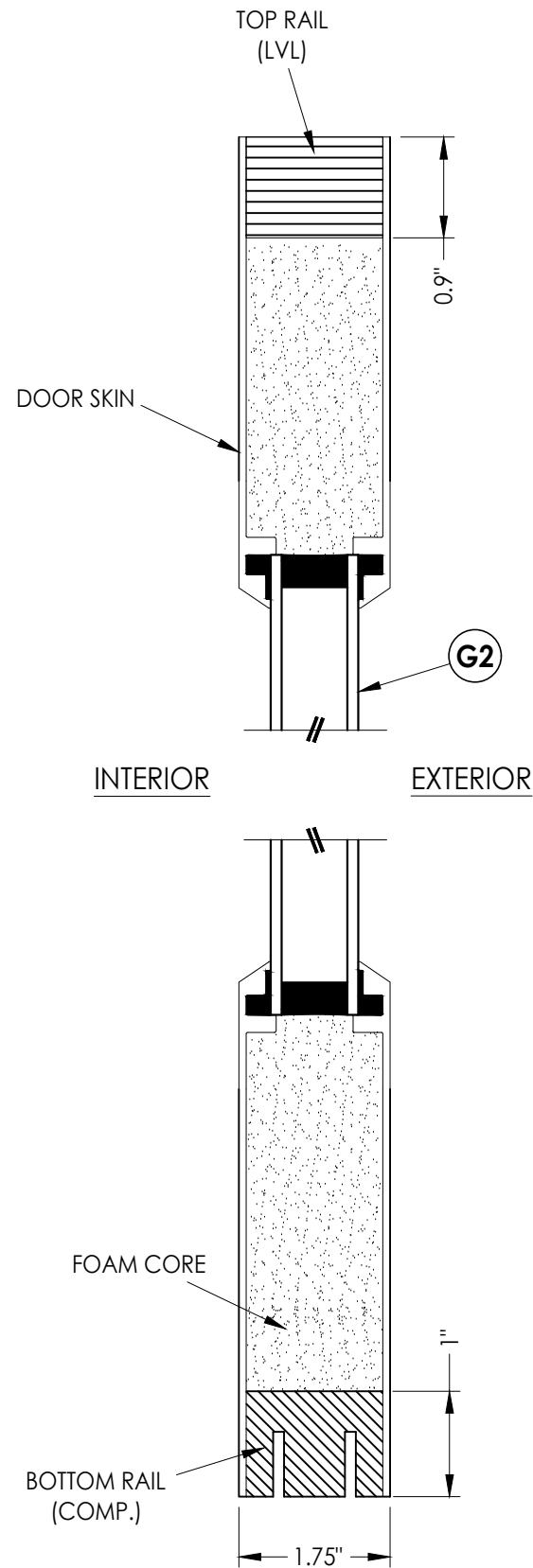
1  
3 HORIZONTAL CROSS SECTION



41 FIBERGLASS DOOR PANEL  
MASONITE (VISTA GRANDE)



| HARDWARE CHART |           |                  |
|----------------|-----------|------------------|
| MANUFACTURER   | MODEL     |                  |
| KWIKSET        | KNOB:     | SIGNATURE SERIES |
|                | DEADBOLT: | SERIES (660)     |
| SCHLAGE        | KNOB:     | F SERIES         |
|                | DEADBOLT: | B60 SERIES       |



2  
3 VERTICAL CROSS SECTION

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PRODUCT: YOUNG MFG  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR  
PANEL DETAILS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |
| LFS | BY      |                              |

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

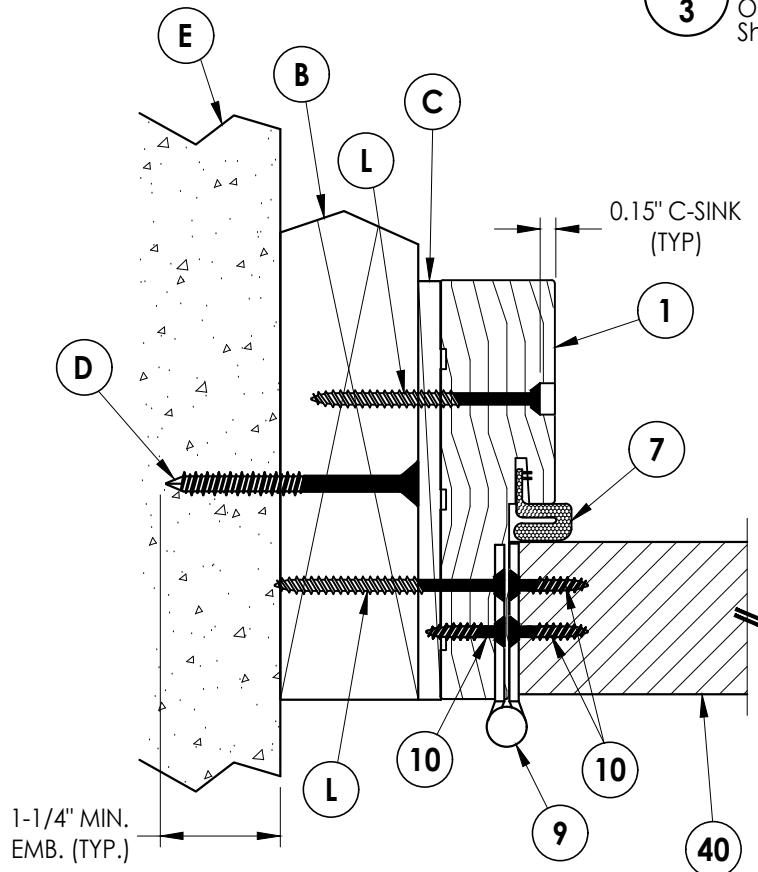
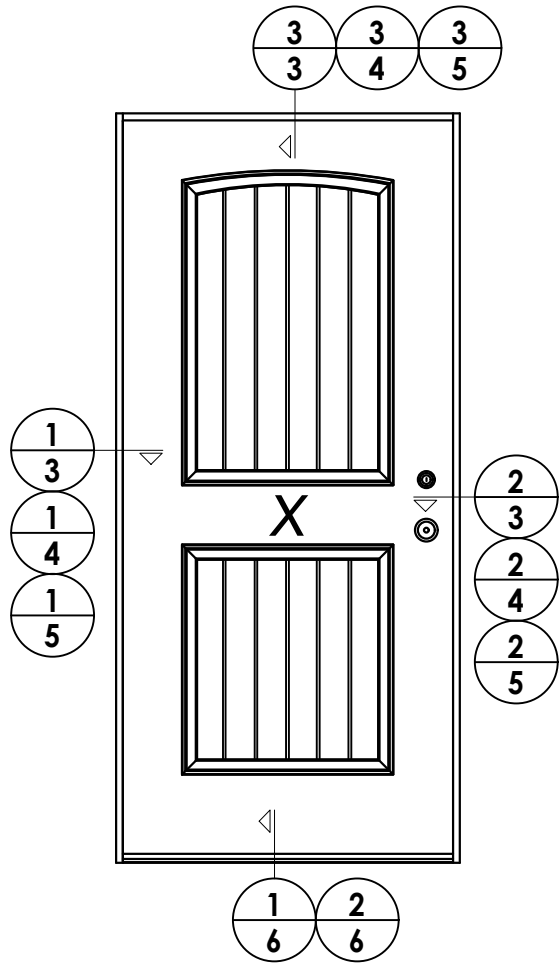
CHK. BY: RW

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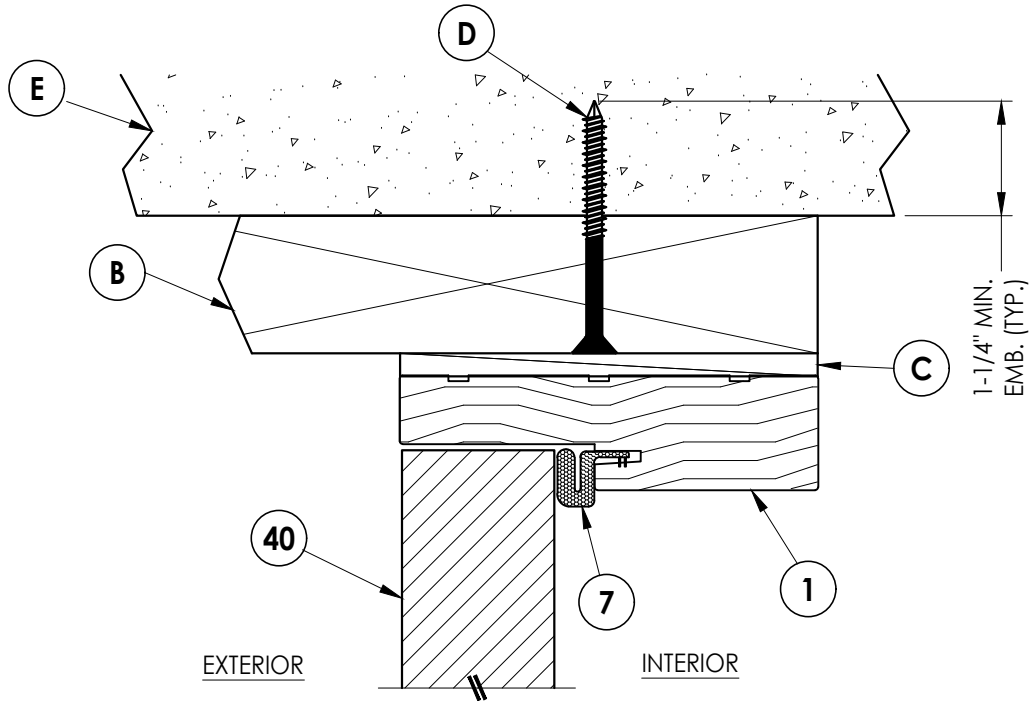
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SHEET 2 OF 8

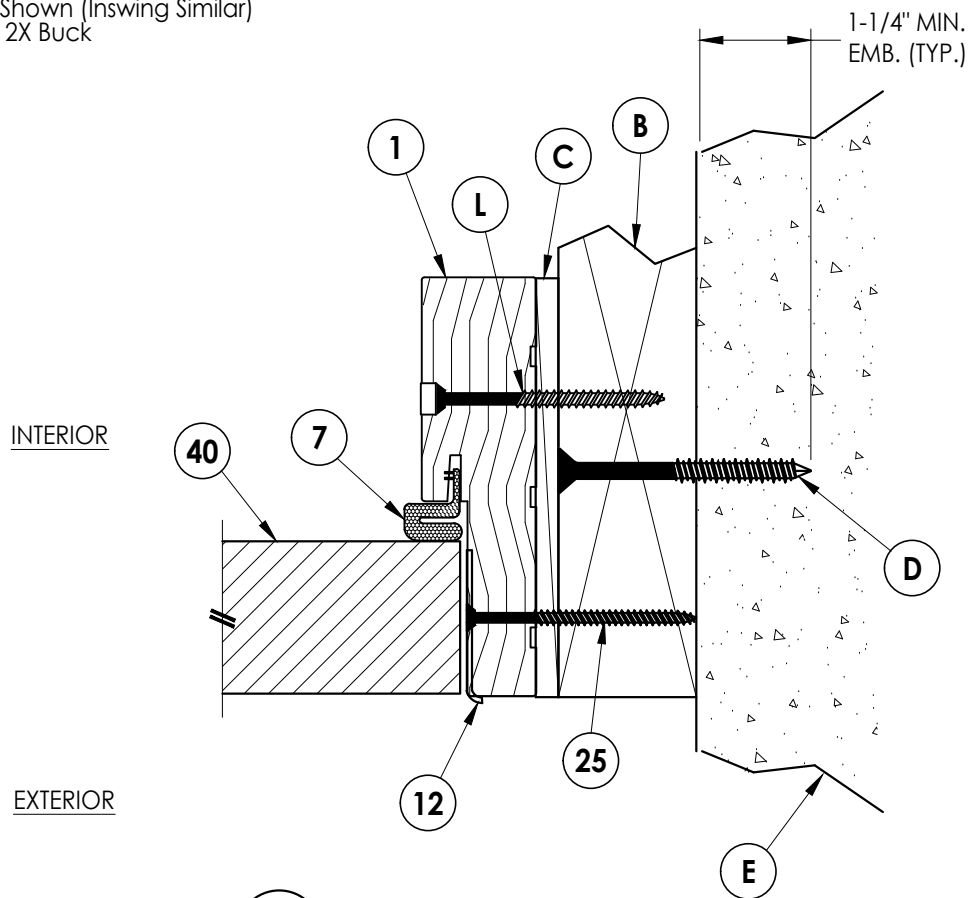
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**1**  
**3** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown w/ 2X Buck



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



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

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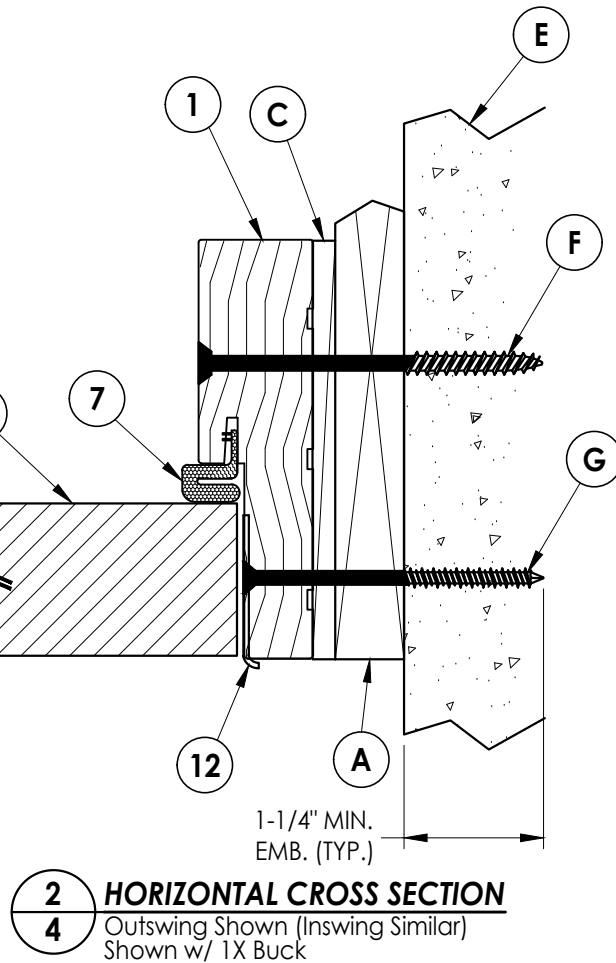
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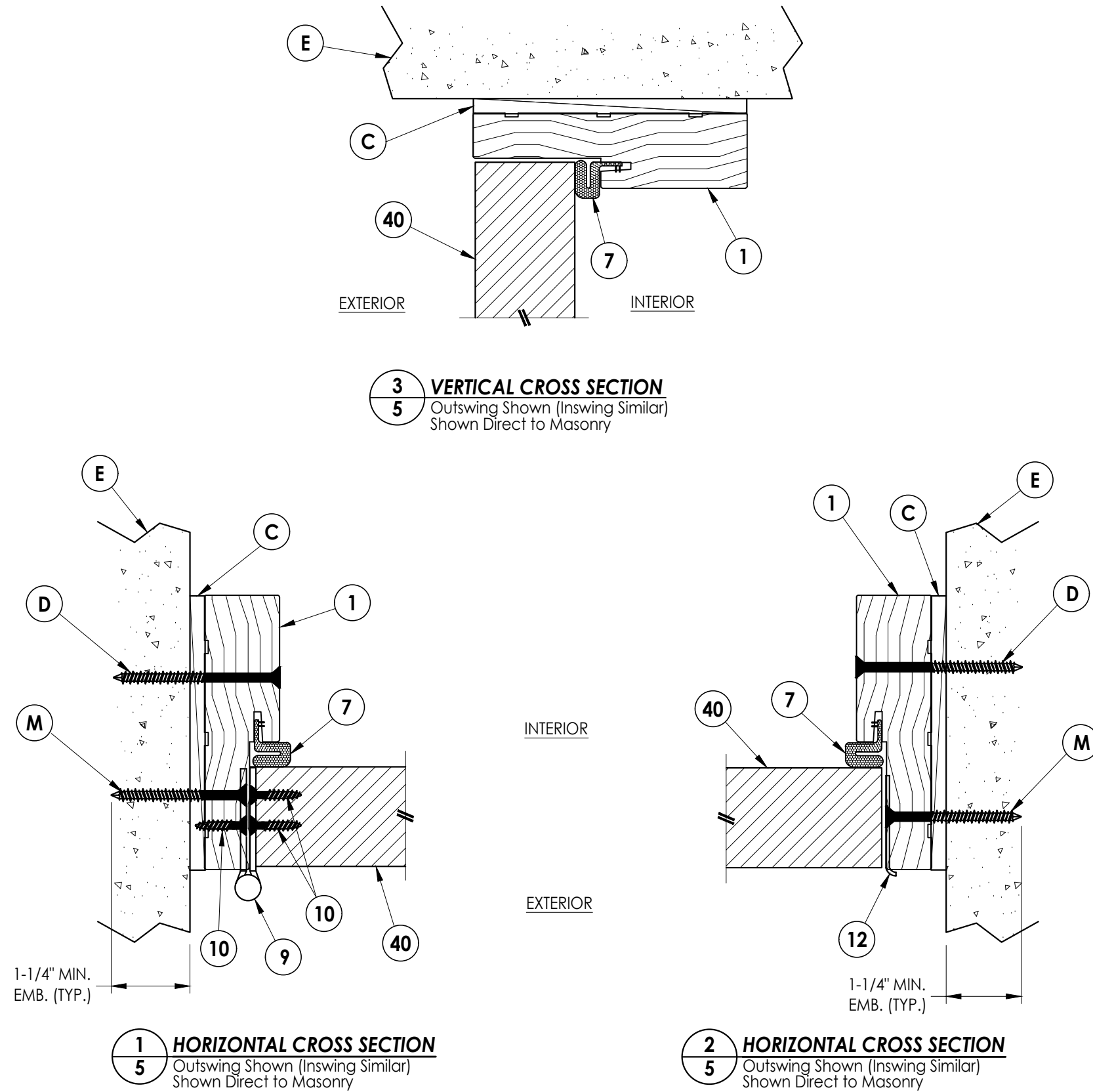
PRODUCT: YOUNG MFG  
FIBERGLASS DOOR

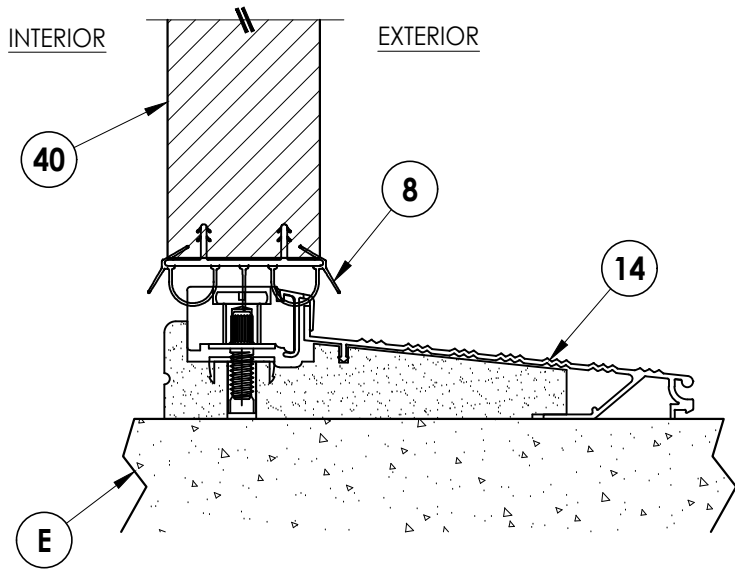
PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (2X BUCK)

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |
|     |         | LFS                          |
|     |         | BY                           |

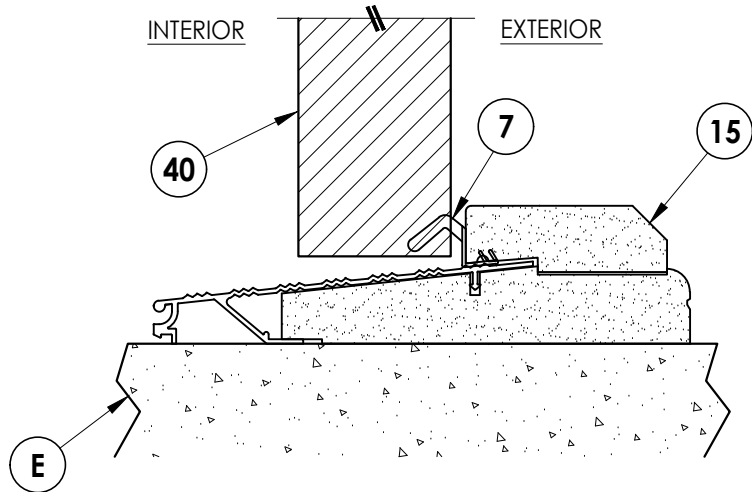
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SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: FL-47793.8  
SHEET 3 OF 8

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**1** **VERTICAL CROSS SECTION**  
**6** Inswing Sill



**2 VERTICAL CROSS SECTION**  
**6** Outswing Sill

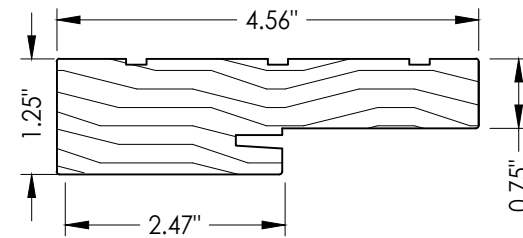
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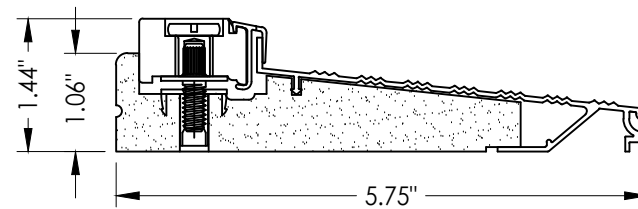


| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | 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     |
| 1                 | WOOD JAMB (POPLAR)                                                                             | 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 |
| 25                | #8 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL     |
| 40                | DOOR PANEL                                                                                     | -         |

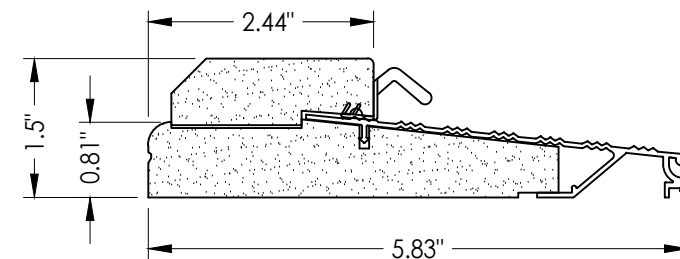


**1 WOOD JAMB (POPLAR)**  
Young Mfg.

**"ARMALAST" OR "PRIMED"  
POPLAR WOOD JAMB  
MAY BE UTILIZED**



**14** **INSWING THRESHOLD**  
Young Mfg.



**15** **OUTSWING THRESHOLD**  
Young Mfg.

- 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"                                |

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

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FIBERGLASS DOOR

**PART OR ASSEMBLY:**

[illegible]

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: *RW*

DRAWING NO.:

FL-47793.8

SHEET 8 OF 8