

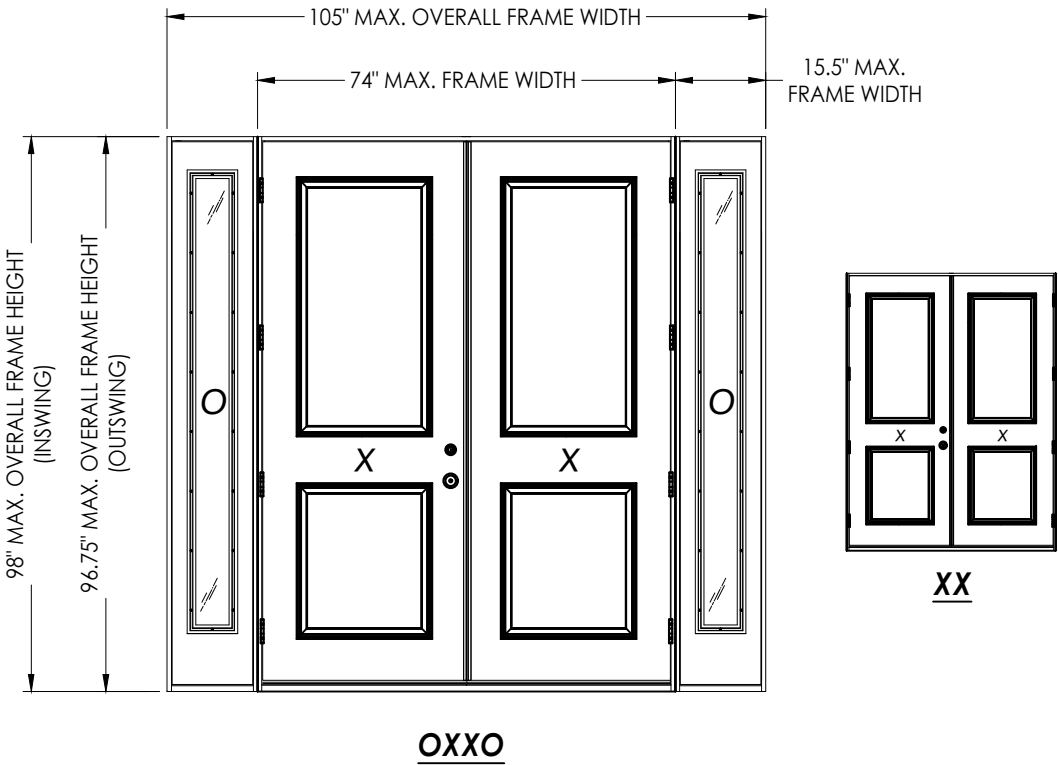
TRIMLITE

OPAQUE FIBERGLASS ENTRY DOORS  
DOUBLE w/ or w/out SIDELITES  
INSWING/OUTSWING  
"IMPACT"

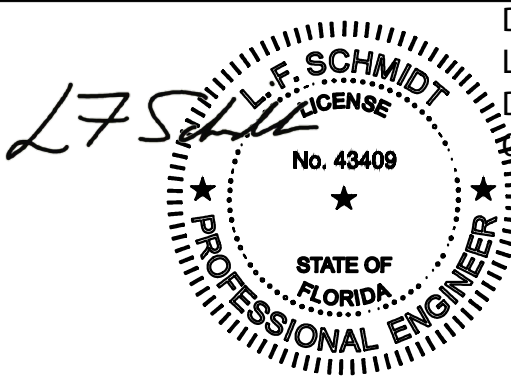
GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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 3 as defined in ASTM E1996.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

| TABLE OF CONTENTS |                                                      |         |                                                          |
|-------------------|------------------------------------------------------|---------|----------------------------------------------------------|
| SHEET #           | DESCRIPTION                                          | SHEET # |                                                          |
| 1                 | Typical Elevations, Design Pressures & General Notes | 8       | Horizontal & Vertical Cross Sections (1X Buck)           |
| 2                 | Door Panel Details                                   | 9       | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 3                 | Sidelite Panel Details                               | 10      | Vertical Cross Sections (Thresholds)                     |
| 4                 | Lite Frame & Glazing Details                         | 11      | Buck Anchoring                                           |
| 5                 | Elevations                                           | 12      | Frame Anchoring & Hardware Details                       |
| 6                 | Horizontal Cross Sections                            | 13      | Bill of Materials & Components                           |
| 7                 | Horizontal & Vertical Cross Sections (2X Buck)       |         |                                                          |



| CONFIG-URATION | MAX. FRAME DIMENSION | JAMB MATERIAL | DESIGN PRESSURE (PSF) |          | DESIGN PRESSURE (PSF) |          |
|----------------|----------------------|---------------|-----------------------|----------|-----------------------|----------|
|                |                      |               | INSWING               |          | OUTSWING              |          |
|                |                      |               | POSITIVE              | NEGATIVE | POSITIVE              | NEGATIVE |
| XX             | 74.0" x 98.0"        | WOOD          | +50.0                 | -50.0    | +45.0                 | -45.0    |
| OXXO           | 105.0" x 98.0"       | WOOD          | +50.0                 | -50.0    | +45.0                 | -45.0    |
| XX             | 74.0" x 98.0"        | COMPOSITE     | +50.0                 | -50.0    | +50.0                 | -50.0    |
| OXXO           | 105.0" x 98.0"       | COMPOSITE     | +50.0                 | -50.0    | +50.0                 | -50.0    |



Digitally signed by  
Lyndon F Schmidt  
Date: 2026.07.20  
09:48:03 -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

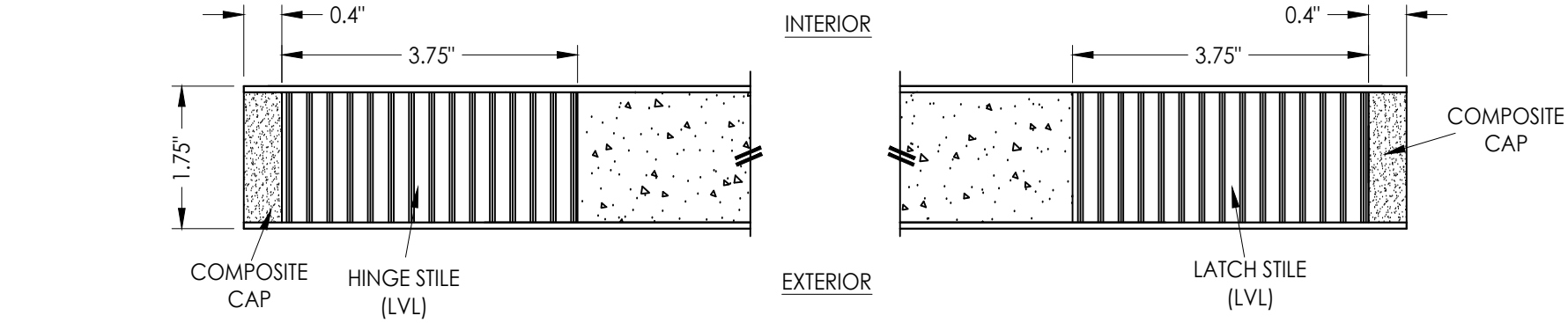
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: TRIMLITE  
FIBERGLASS DOOR  
PART OR ASSEMBLY:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

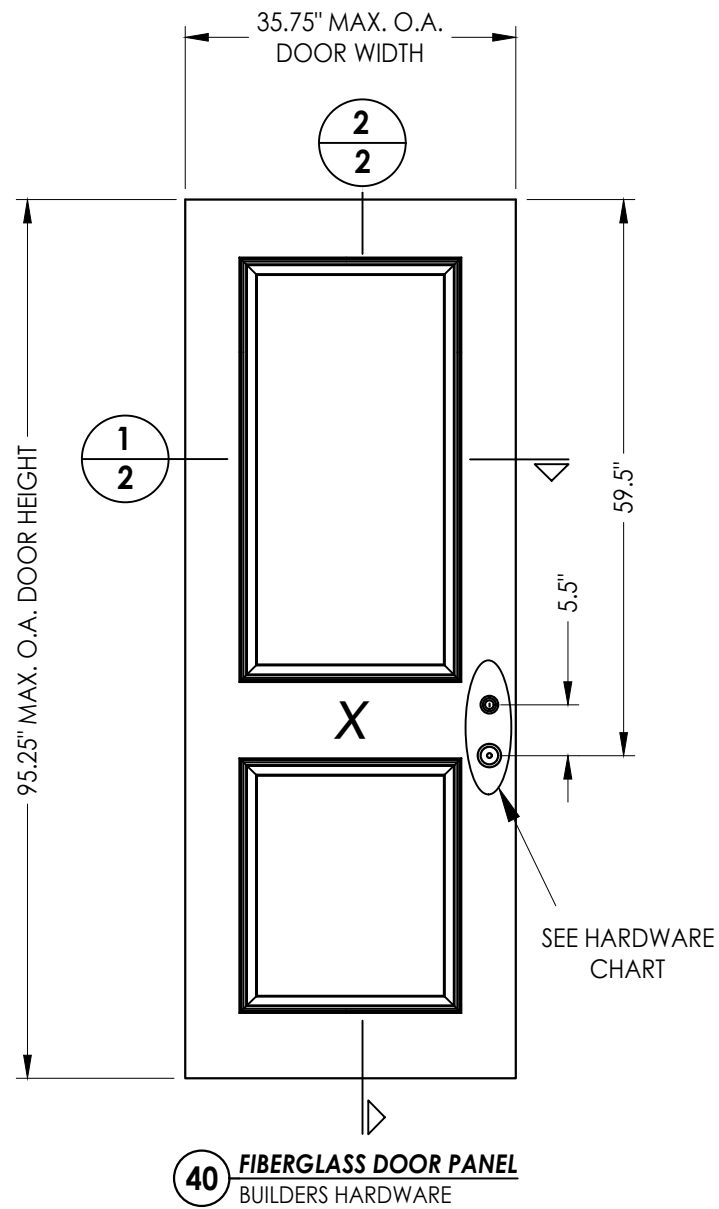
| NO. | DATE    | UPDATE TO | 9TH ED. (2026) | FBC | LFS | BY |
|-----|---------|-----------|----------------|-----|-----|----|
|     |         |           |                |     |     |    |
| 1   | 7/01/26 |           |                |     |     |    |

DATE: 6/17/25  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.:  
FL-46830.9  
SHEET 1 OF 13

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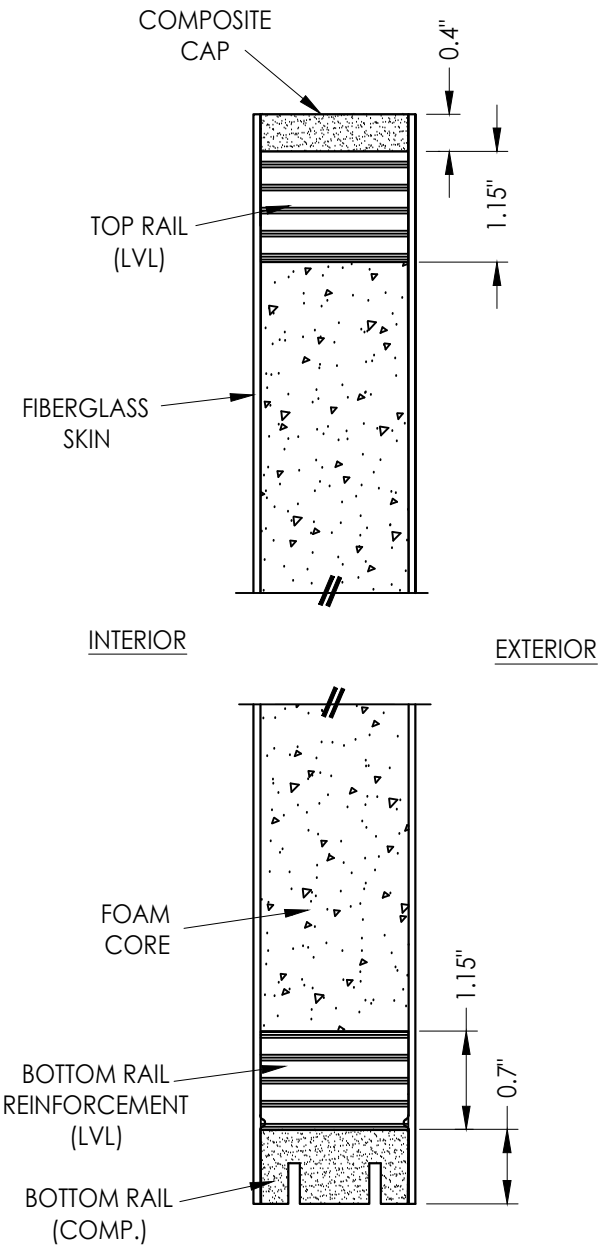


1  
2 HORIZONTAL CROSS SECTION



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

| HARDWARE TABLE |                    |                                            |
|----------------|--------------------|--------------------------------------------|
| MANUFACTURER   | MODEL              |                                            |
| KWIKSET        | Knob:<br>Deadbolt: | SIGNATURE SERIES<br>SIGNATURE SERIES (980) |
| SCHLAGE        | Knob:<br>Deadbolt: | F51<br>B60N                                |
| YALE           | Knob:<br>Deadbolt: | YE SERIES<br>YE SERIES                     |



2  
2 VERTICAL CROSS SECTION

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

RW BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: TRIMLITE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR  
PANEL DETAILS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |
| LFS | BY      |                              |

DATE: 6/17/25

SCALE: N.T.S.

DWG. BY: LFS

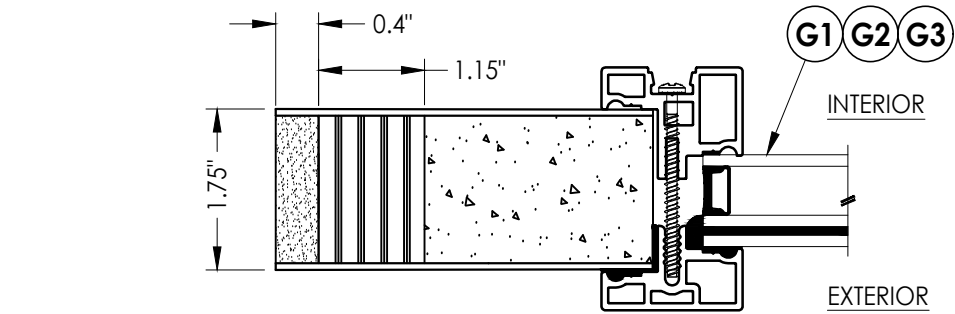
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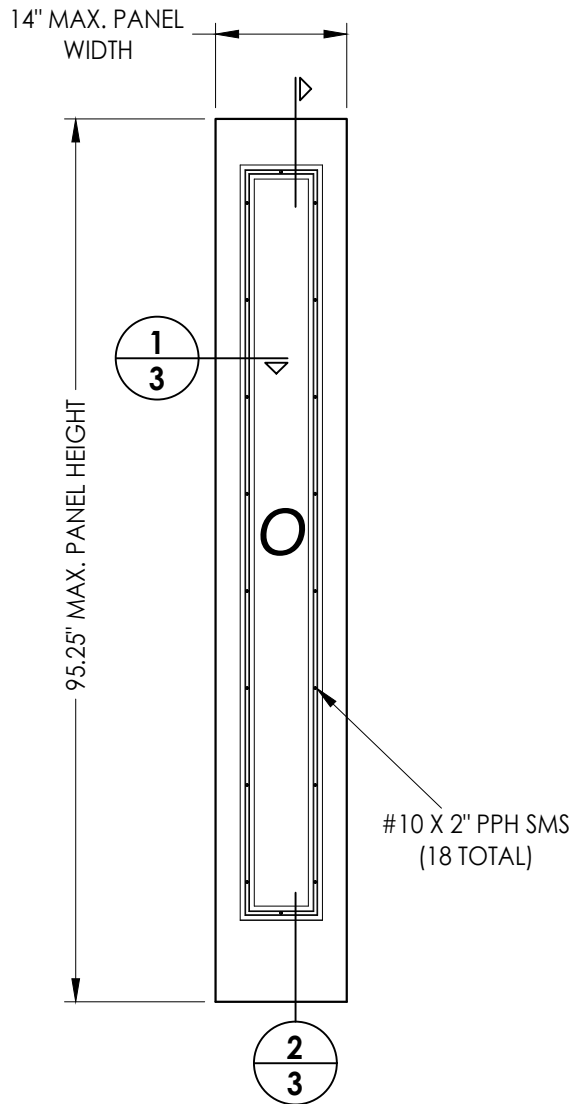
FL-46830.9

SHEET 2 OF 13

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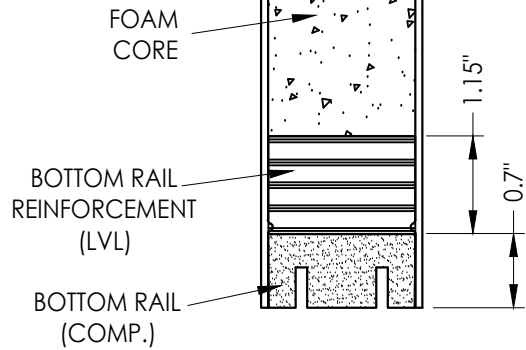
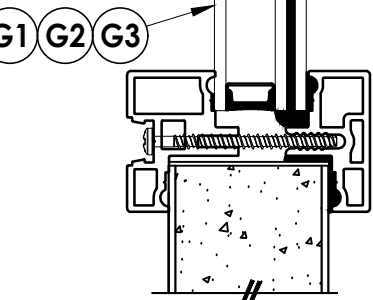
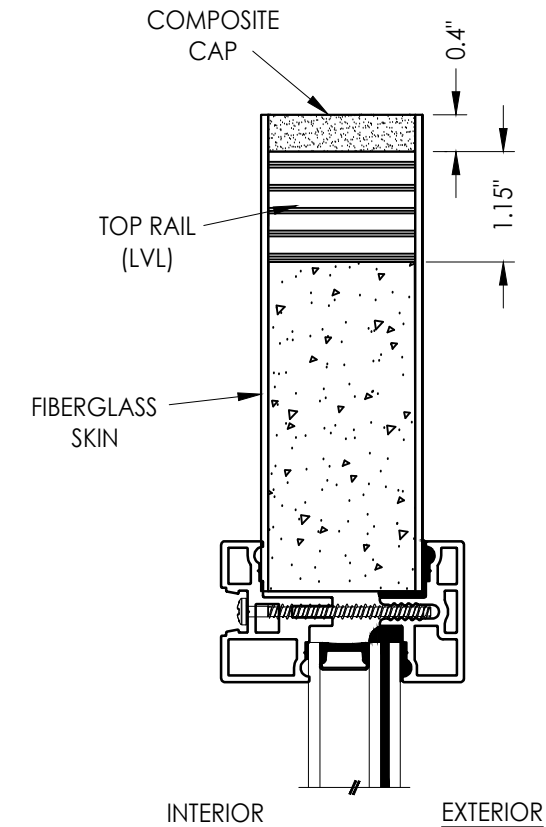


1  
3 HORIZONTAL CROSS SECTION



50 FIBERGLASS SIDELITE PANEL  
BUILDERS HARDWARE

FIBERGLASS SKIN: 0.070"  
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



3  
3 VERTICAL CROSS SECTION

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P.E. No. 43409

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: TRIMLITE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
SIDELITE PANEL  
DETAILS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |
|     |         | LFS                          |
|     |         | BY                           |

DATE: 6/17/25

SCALE: N.T.S.

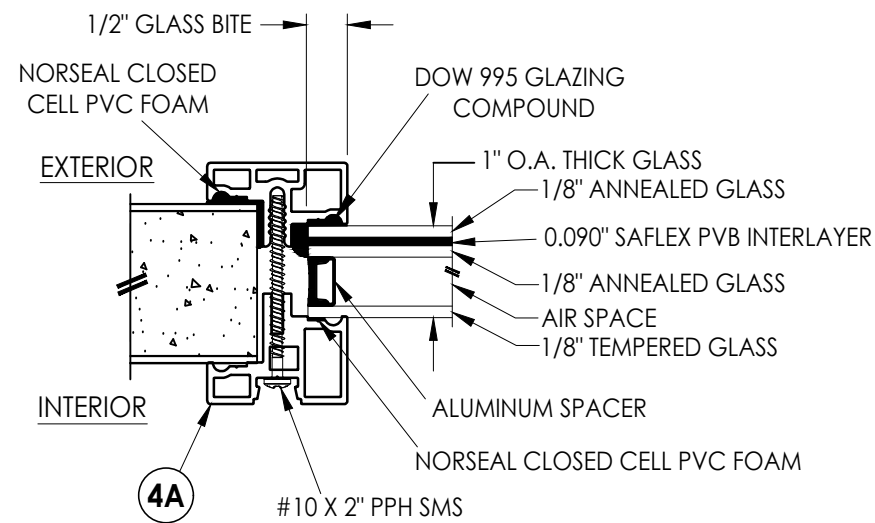
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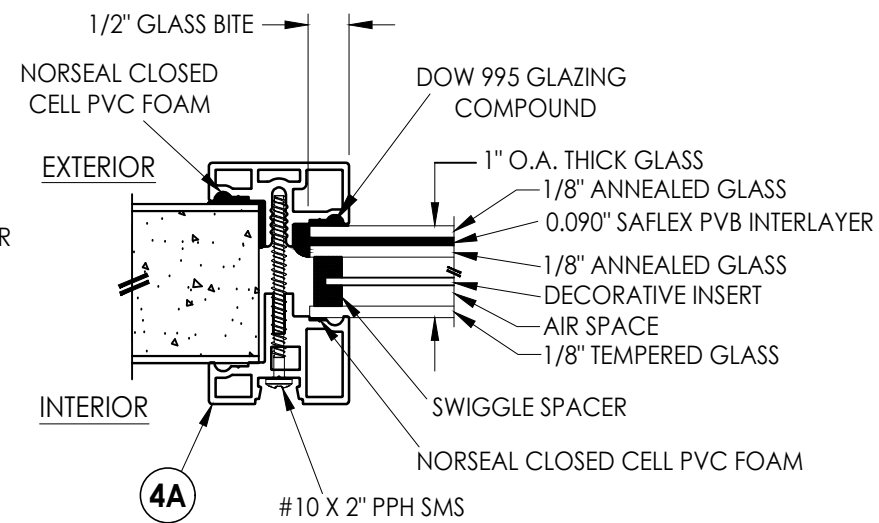
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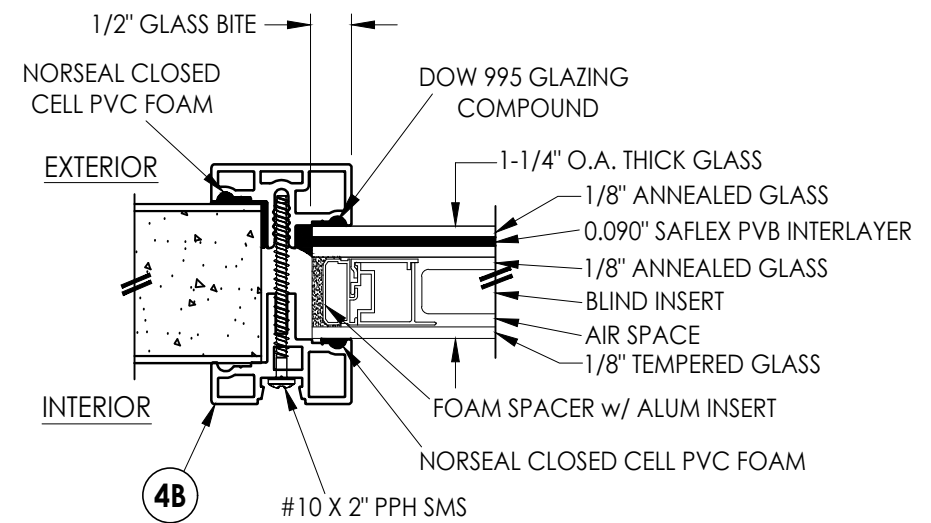
SHEET 3 OF 13



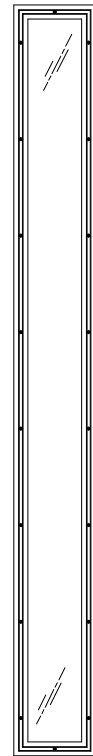
**G1** **GLAZING DETAIL**  
CLEAR GLASS



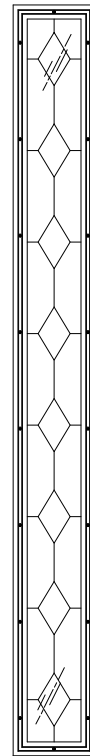
**G2** GLAZING DETAIL  
DECORATIVE GLASS



### **G3** GLAZING DETAIL BLINDS BETWEEN GLASS



**G1** **GLAZING DETAIL**  
CLEAR GLASS

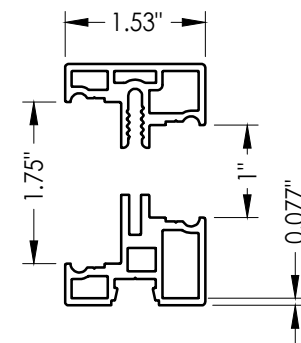


## G2 GLAZING DETAIL

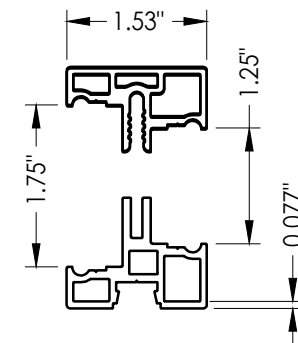
### DECORATIVE GLASS



### **G3** GLAZING DETAIL BLINDS BETWEEN GLASS



**4A** TRIMLITE "STORM SERIES"  
IMPACT ALUMINUM LITE FRAME  
1" GLAZING



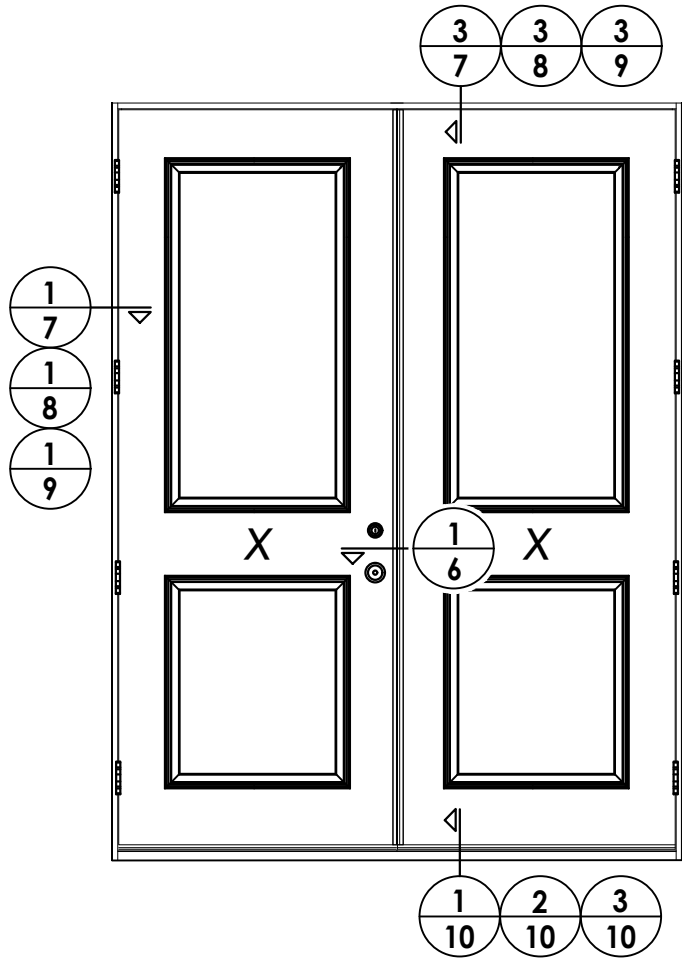
**4B** TRIMLITE "STORM SERIES"  
IMPACT ALUMINUM LITE FRAME  
1-1/4" GLAZING

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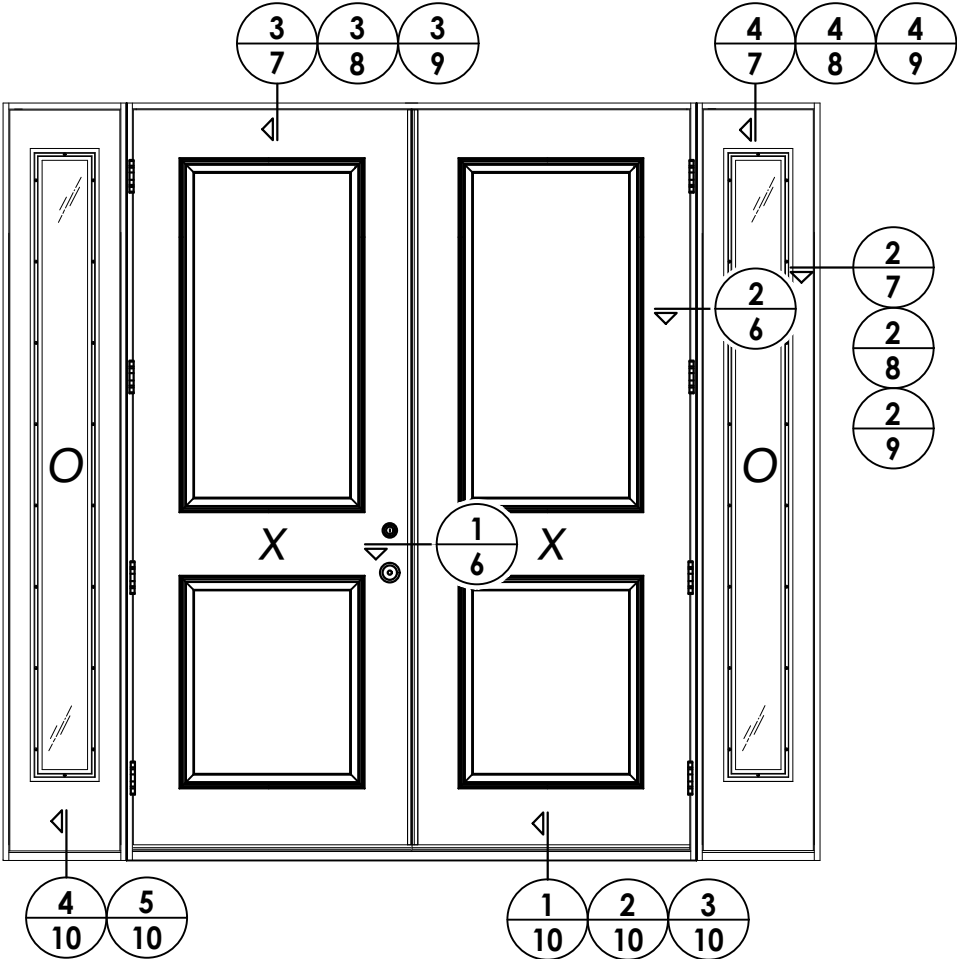
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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Phone No.: 813.659.9197  
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ELEVATION  
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ELEVATION  
OXXO

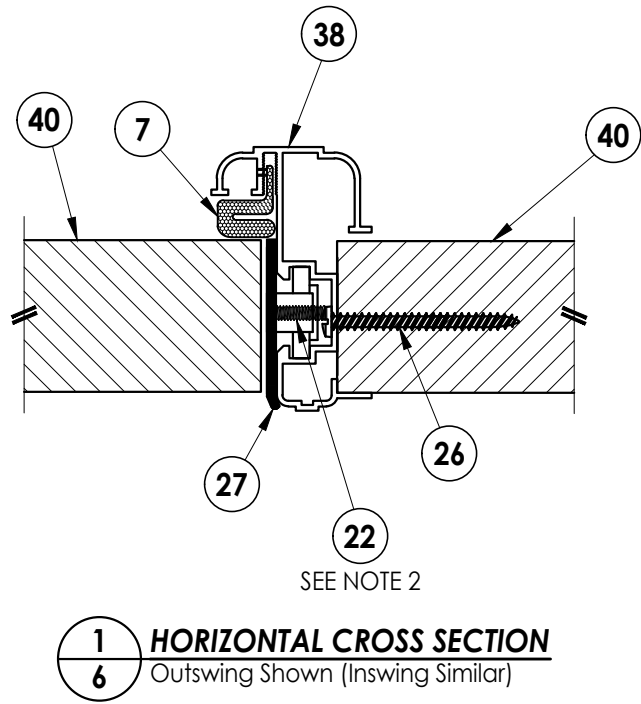
DATE: 6/17/25  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: FL-46830.9  
SHEET 5 OF 13

|     |         |                          |     |     |  |
|-----|---------|--------------------------|-----|-----|--|
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| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |  |
| NO. | DATE    |                          |     | BY  |  |

REVISIONS

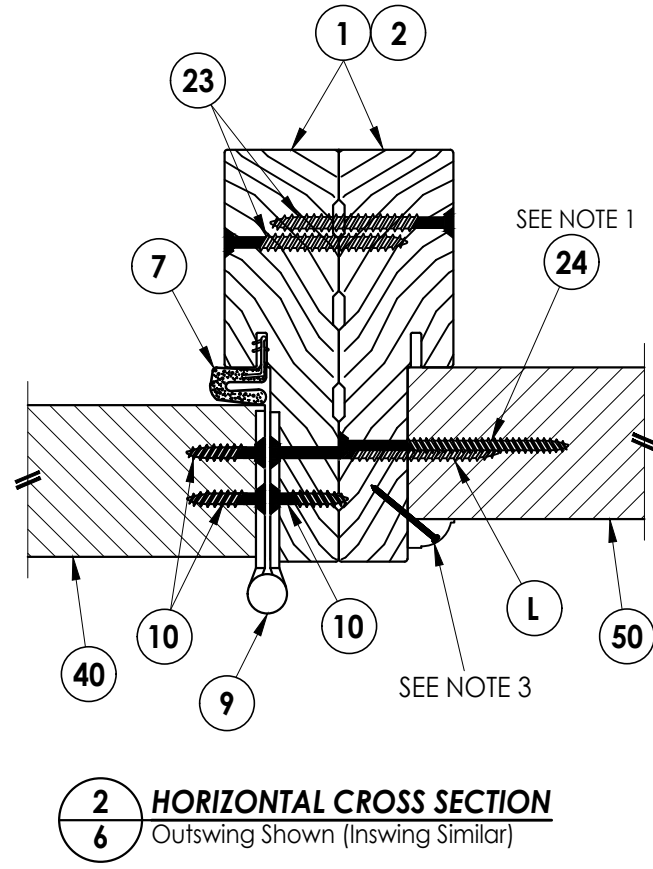
|                   |                             |
|-------------------|-----------------------------|
| PRODUCT:          | TRIMLITE<br>FIBERGLASS DOOR |
| PART OR ASSEMBLY: | ELEVATIONS                  |

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409  
  
RW BUILDING CONSULTANTS, INC.  
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INTERIOR

EXTERIOR



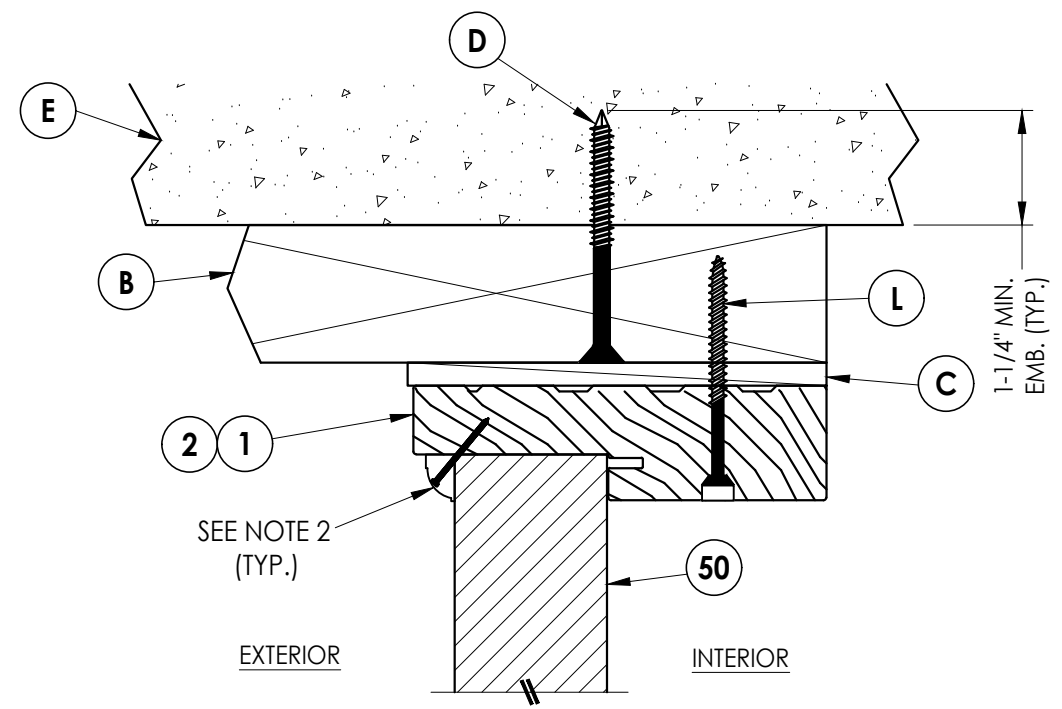
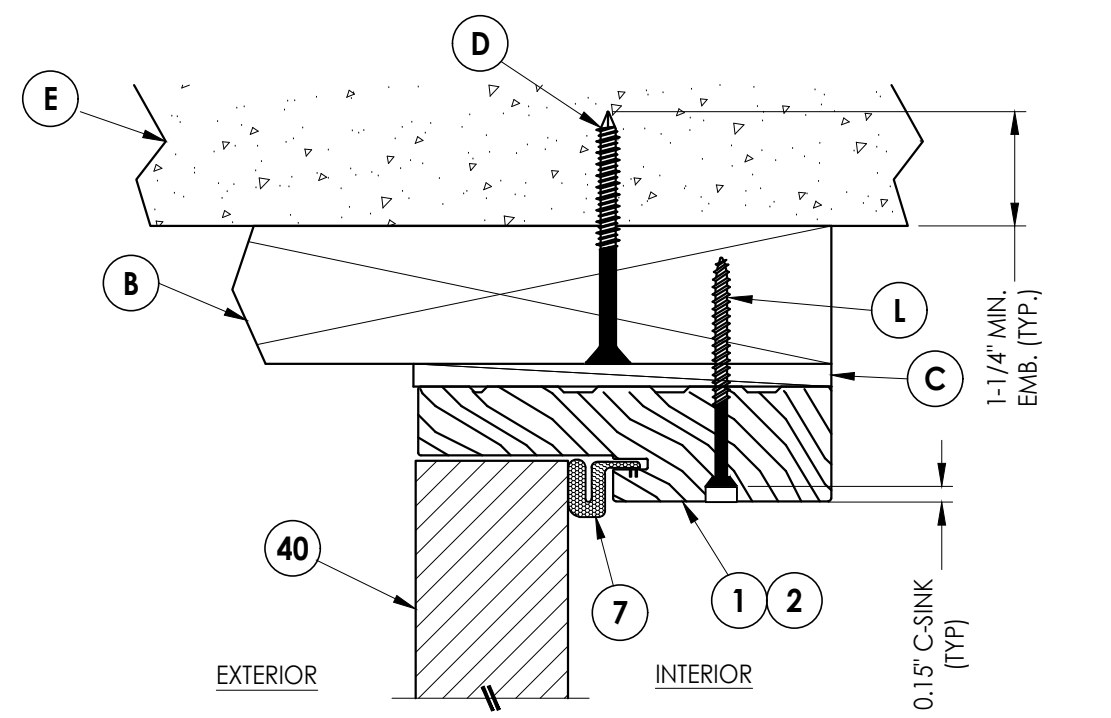
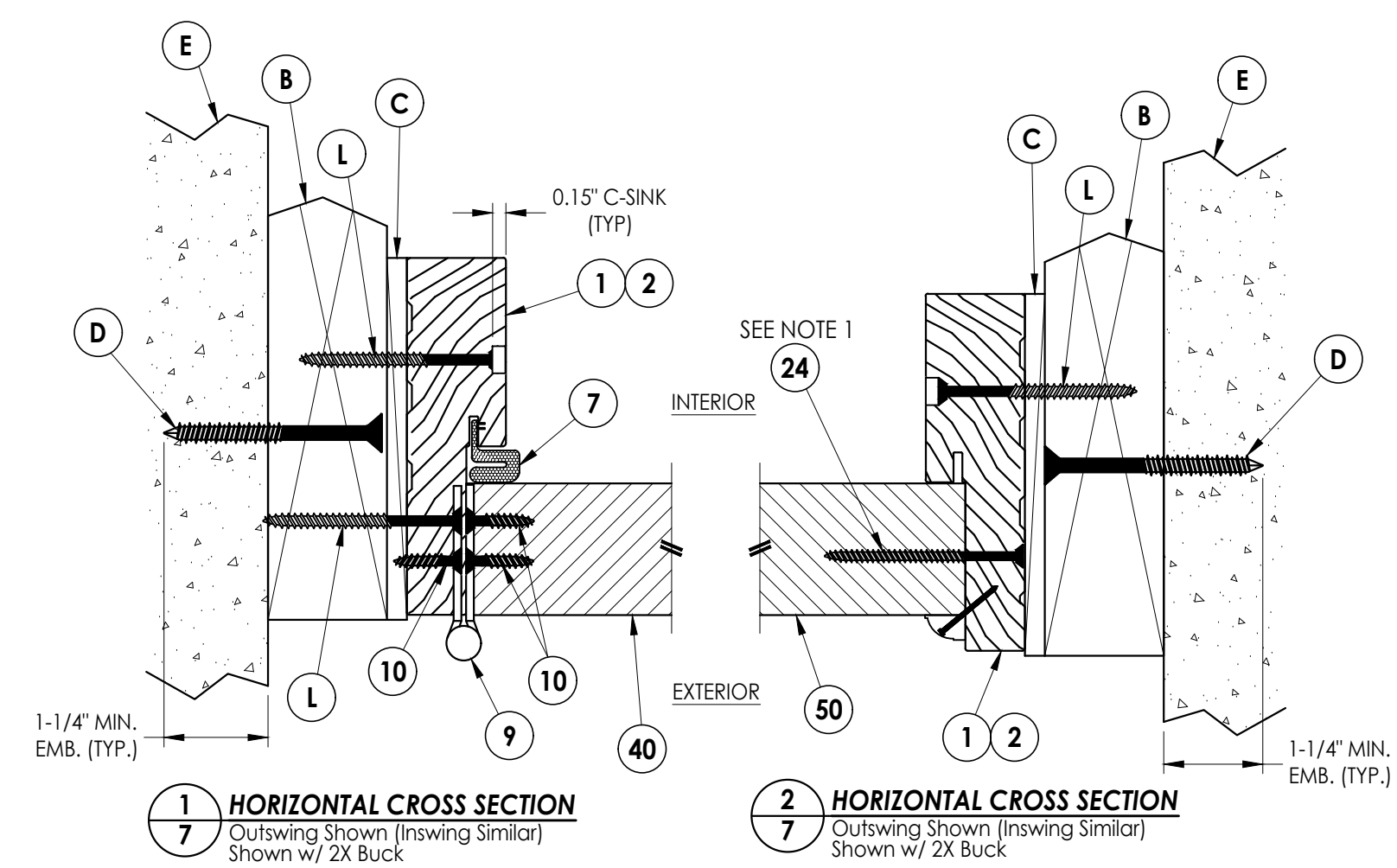
Notes:

1. Sidelite assembly screws located 4" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Latch & deadbolt strike plate machine screws installed through strike plate into astragal plastic receiver.
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

[illegible]

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- Notes:
1. Sidelite assembly screws located 4" from each end plus 5 more screws equally spaced between (7 screws total per side jamb).
  2. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

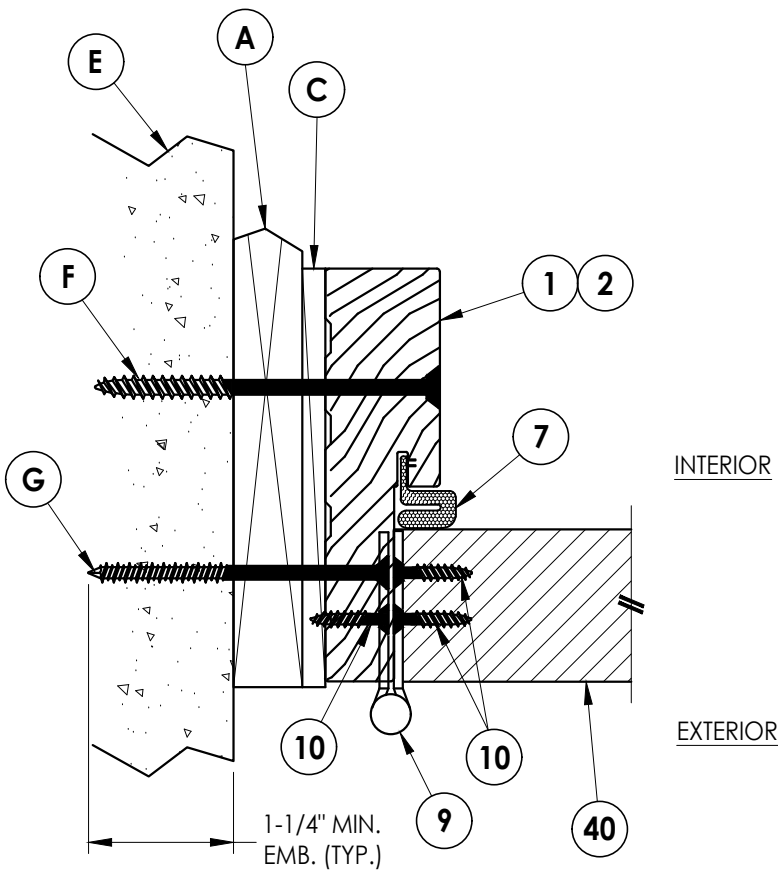


|                                                               |                             |                                                                                                                       |                                                   |
|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |                             | RW BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |                                                   |
| PRODUCT:                                                      | TRIMLITE<br>FIBERGLASS DOOR | PART OR ASSEMBLY:                                                                                                     | HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X BUCK) |
| NO.                                                           | DATE                        | UPDATE TO                                                                                                             | BY                                                |
| 1                                                             | 7/01/26                     | (2026) FBC                                                                                                            | LFS                                               |
| REVISIONS                                                     |                             |                                                                                                                       |                                                   |
| DATE: 6/17/25                                                 |                             |                                                                                                                       |                                                   |
| SCALE: N.T.S.                                                 |                             |                                                                                                                       |                                                   |
| DWG. BY: LFS                                                  |                             |                                                                                                                       |                                                   |
| CHK. BY: RW                                                   |                             |                                                                                                                       |                                                   |
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| SHEET 7 OF 13                                                 |                             |                                                                                                                       |                                                   |

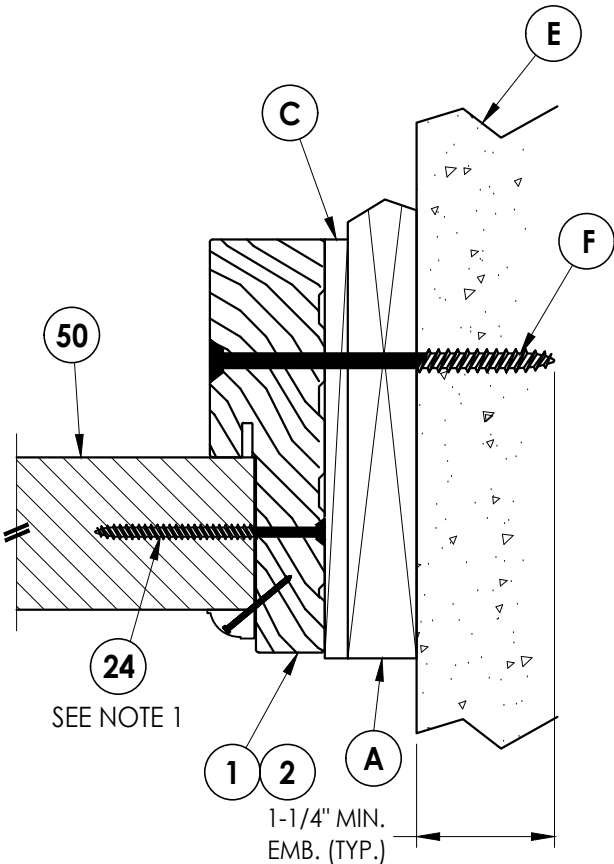
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Notes:

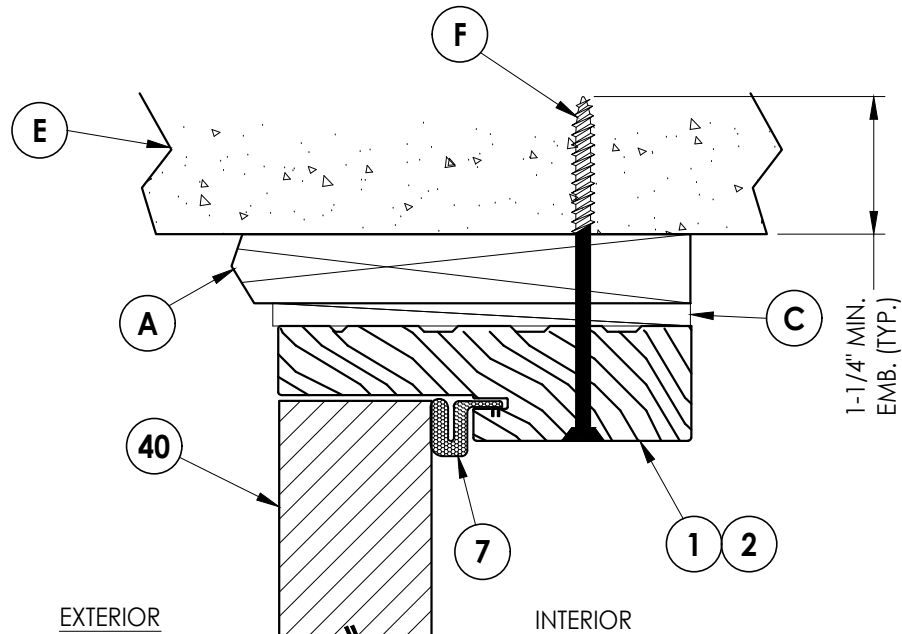
1. Sidelite assembly screws located 4" from each end plus 5 more screws equally spaced between (7 screws total per side jamb).
2. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.



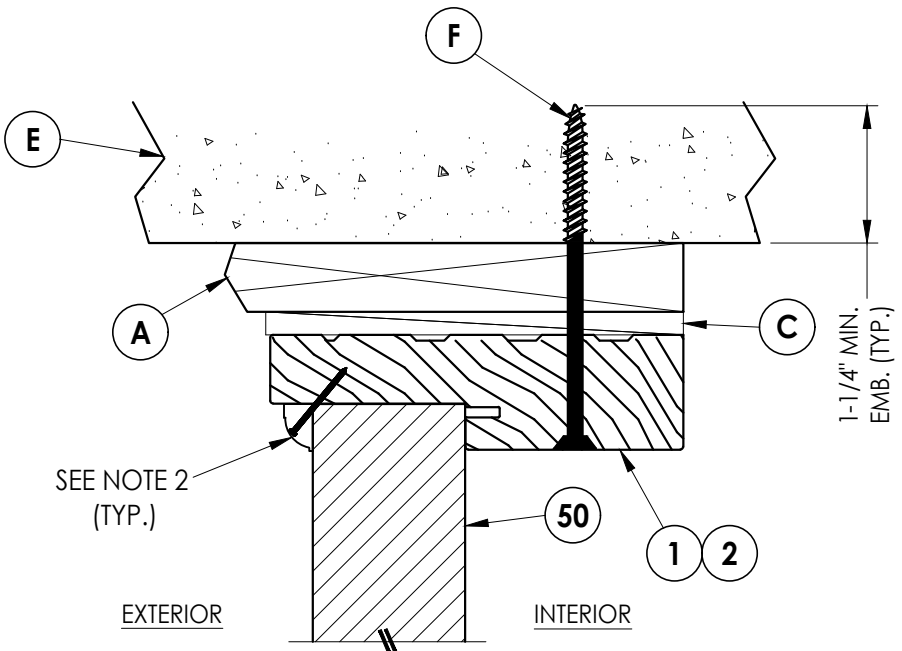
**1**  
**8** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown w/ 1X Buck



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



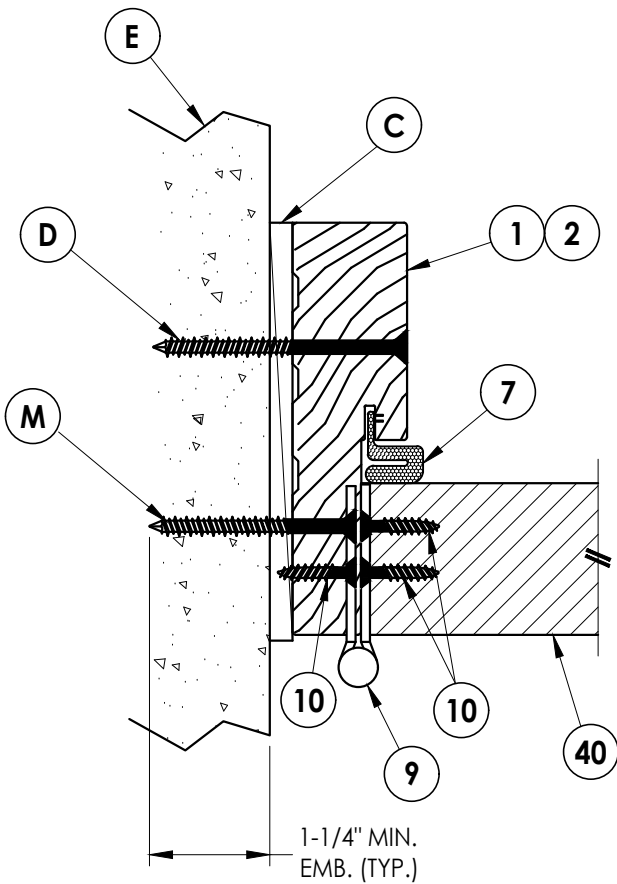
**3**  
**8** **VERTICAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown w/ 1X Buck



**4**  
**8** **VERTICAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown w/ 1X Buck

|                                                               |  |                                                                                                                    |         |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|---------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |
| PRODUCT: TRIMLITE<br>FIBERGLASS DOOR                          |  | PART OR ASSEMBLY:<br>HORIZONTAL & VERTICAL<br>CROSS SECTIONS (1X BUCK)                                             |         |
|                                                               |  | REVISIONS                                                                                                          |         |
|                                                               |  | NO.                                                                                                                | DATE    |
|                                                               |  | 1                                                                                                                  | 7/01/26 |
|                                                               |  | UPDATE TO 9TH ED. (2026) FBC                                                                                       | LFS     |
|                                                               |  | BY                                                                                                                 | BY      |
| DATE: 6/17/25                                                 |  |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |         |
| DWG. BY: LFS                                                  |  |                                                                                                                    |         |
| CHK. BY: RW                                                   |  |                                                                                                                    |         |
| DRAWING NO.: FL-46830.9                                       |  |                                                                                                                    |         |
| SHEET 8 OF 13                                                 |  |                                                                                                                    |         |

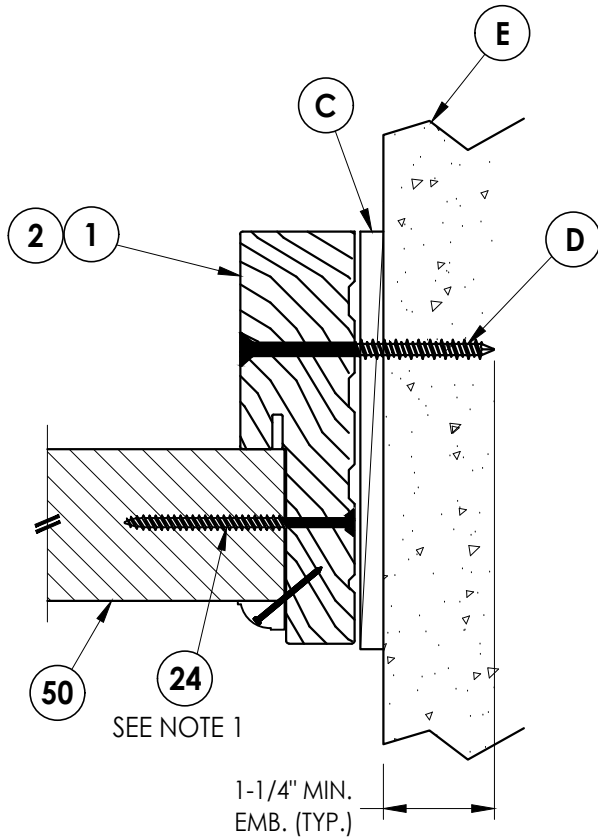
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**1**  
**9** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry

INTERIOR

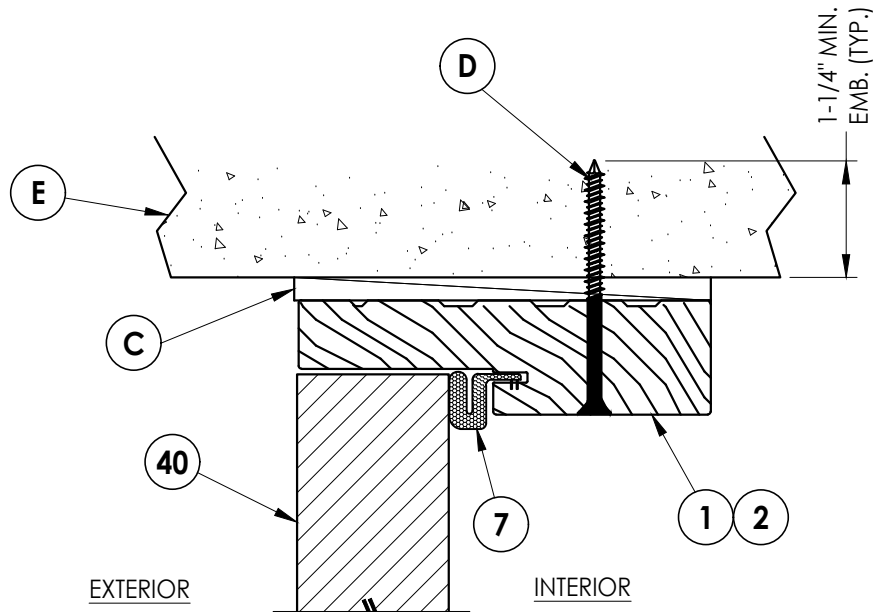
EXTERIOR



**2**  
**9** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry

SEE NOTE 1

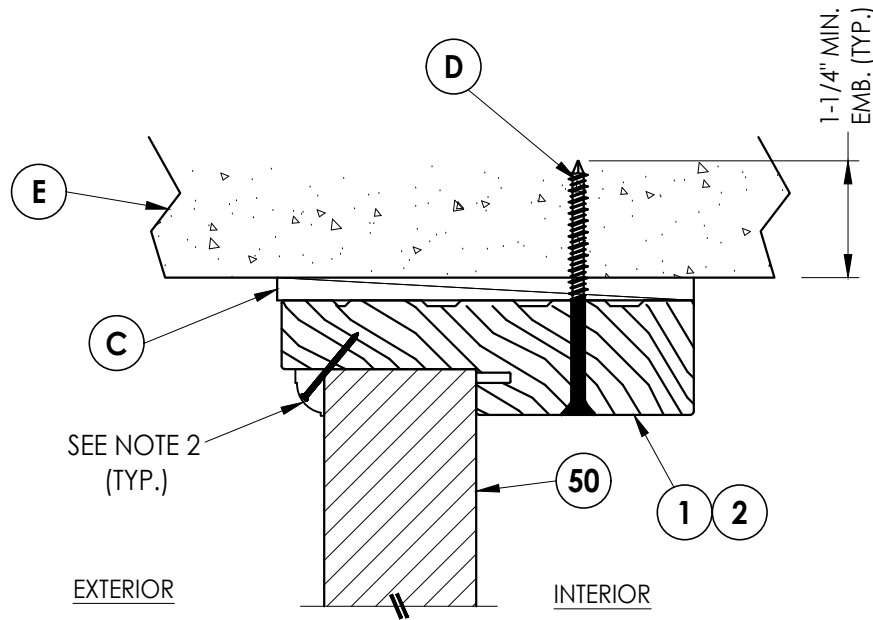
1-1/4" MIN.  
EMB. (TYP.)



**3**  
**9** **VERTICAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry

EXTERIOR

INTERIOR



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

SEE NOTE 2  
(TYP.)

EXTERIOR

INTERIOR

Notes:

1. Sidelite assembly screws located 4" from each end plus 5 more screws equally spaced between (7 screws total per side jamb).
2. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

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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: TRIMLITE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL CROSS  
SECTIONS (DIRECT TO MASONRY)

| NO. | DATE    | REVISIONS                    | BY | LFS |
|-----|---------|------------------------------|----|-----|
| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |    |     |

DATE: 6/17/25

SCALE: N.T.S.

DWG. BY: LFS

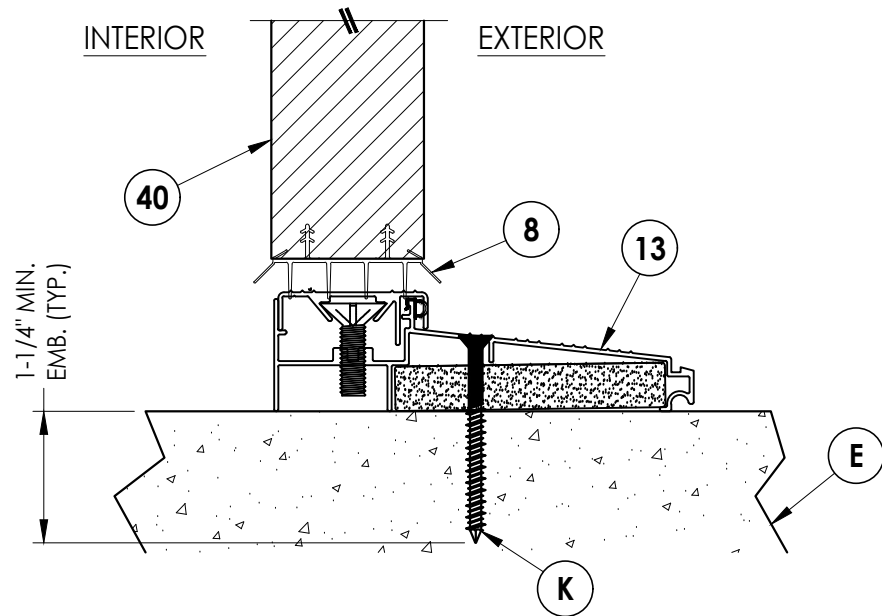
CHK. BY: RW

DRAWING NO.:

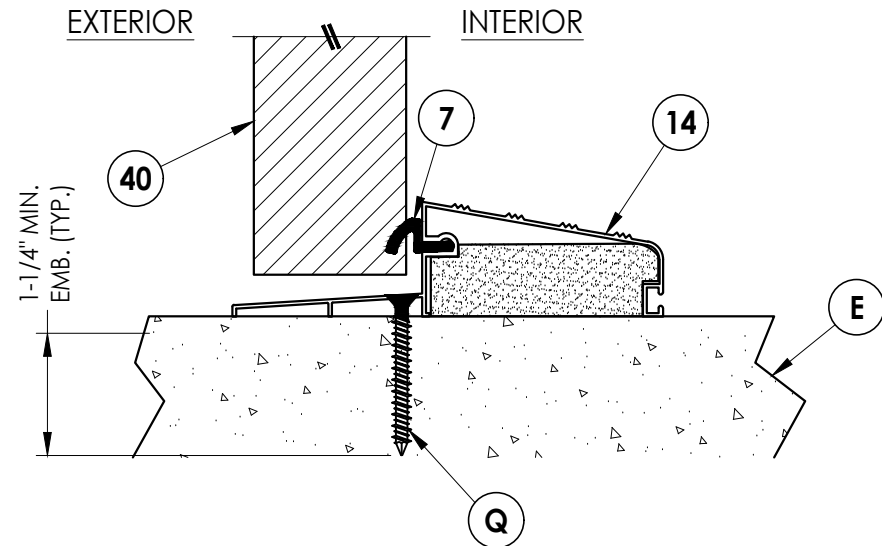
FL-46830.9

SHEET 9 OF 13

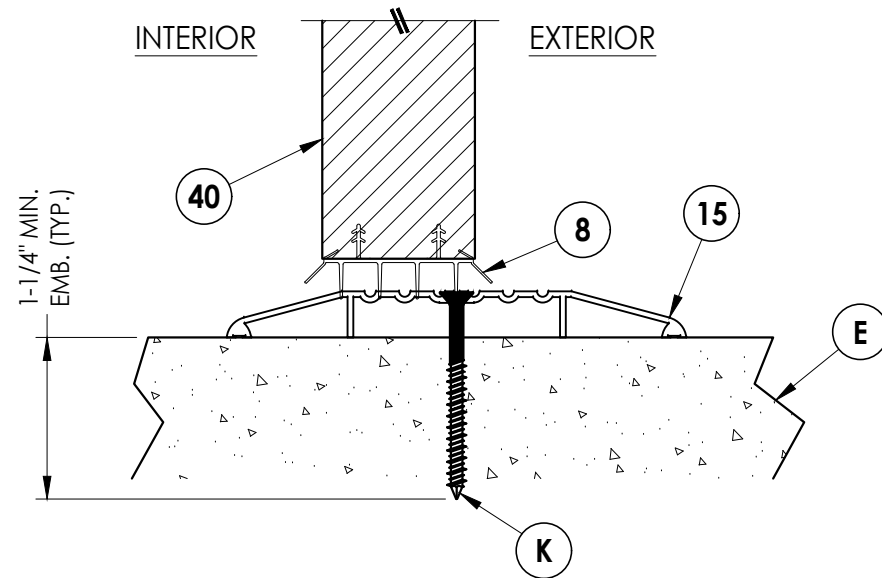
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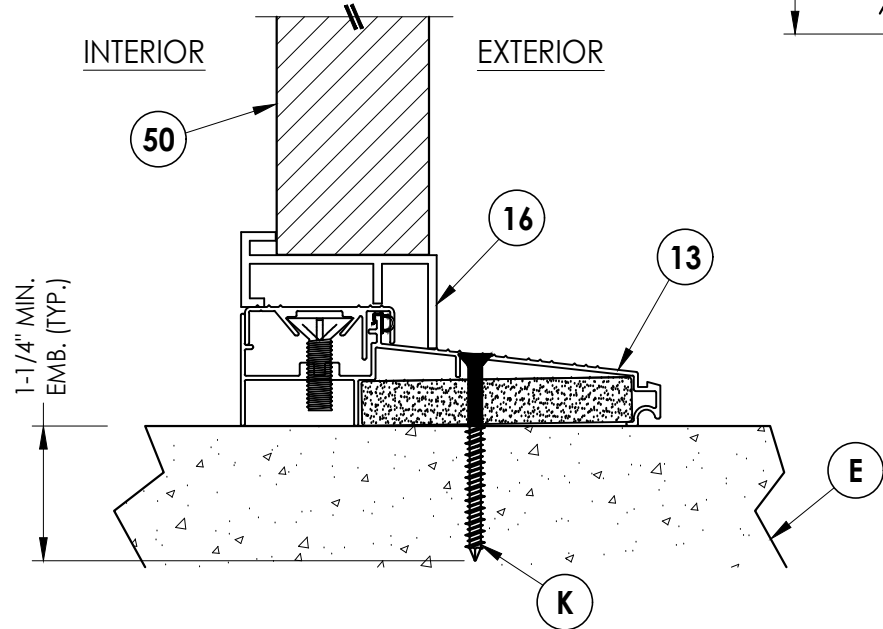
**1**  
**10** **VERTICAL CROSS SECTION**  
Inswing Threshold



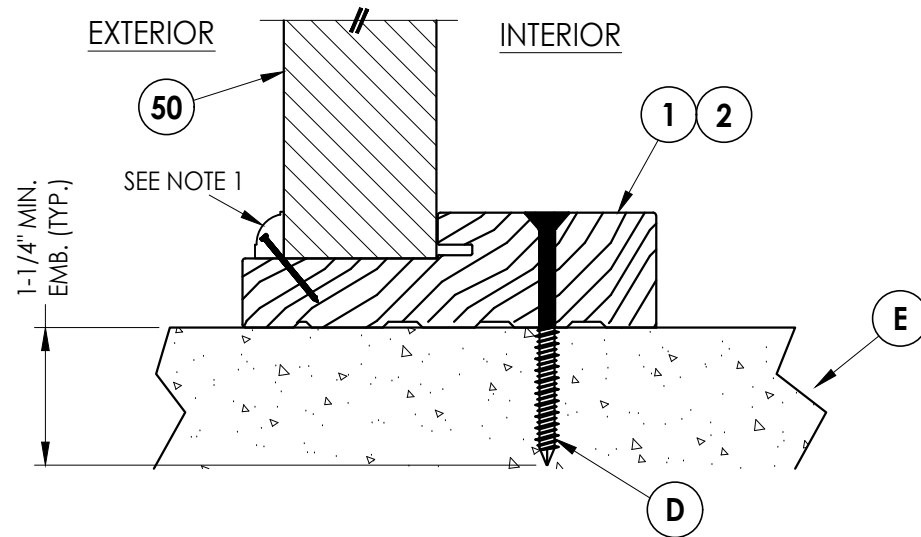
**2**  
**10** **VERTICAL CROSS SECTION**  
Outswing Threshold



**3**  
**10** **VERTICAL CROSS SECTION**  
ADA Threshold



**4**  
**10** **VERTICAL CROSS SECTION**  
Inswing Threshold



**5**  
**10** **VERTICAL CROSS SECTION**  
Outswing Threshold

Note:  
1. PVC Moulding secured w/ 16 GA. X 1" brad nails  
located 1" from ends & 10" o.c. max.

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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT: TRIMLITE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |
| LFS | BY      |                              |

DATE: 6/17/25

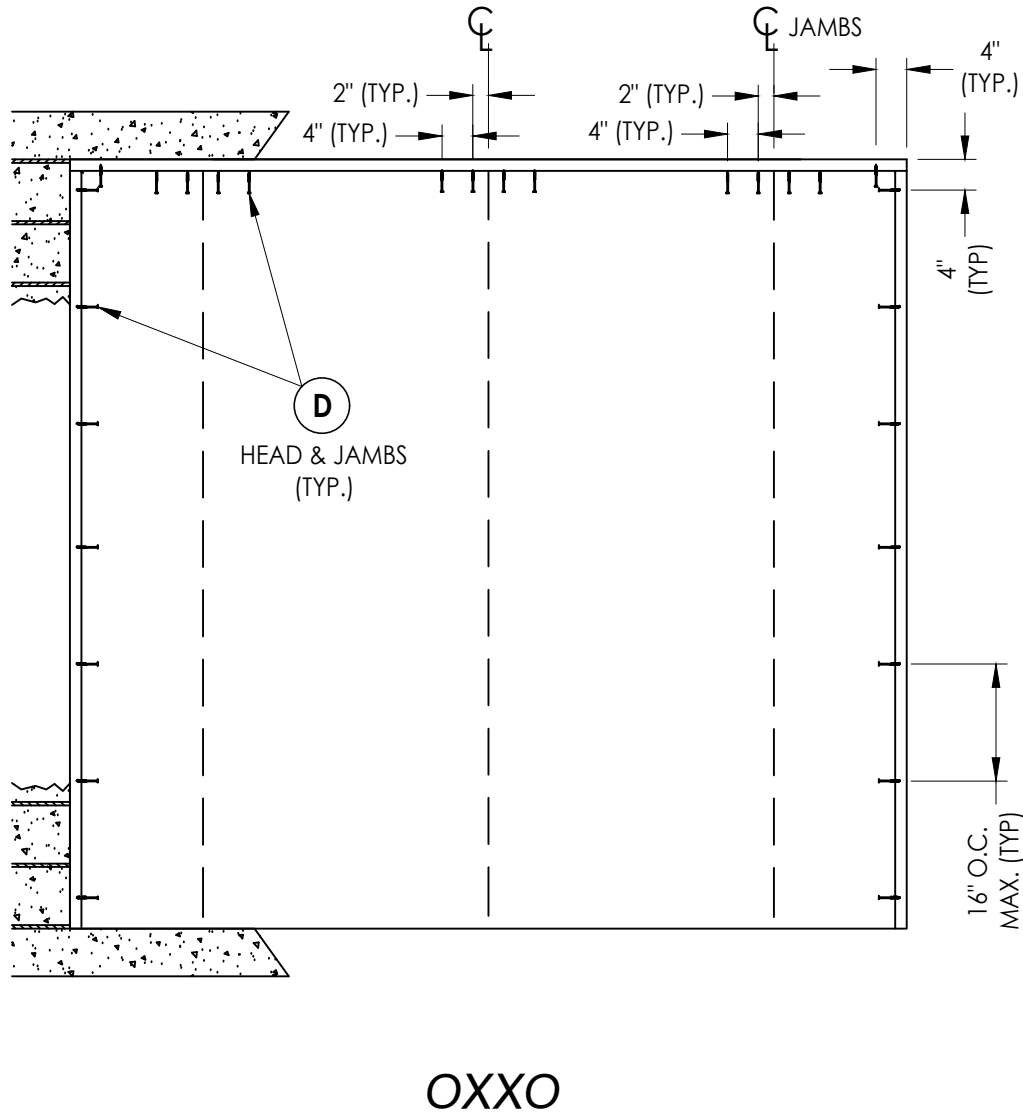
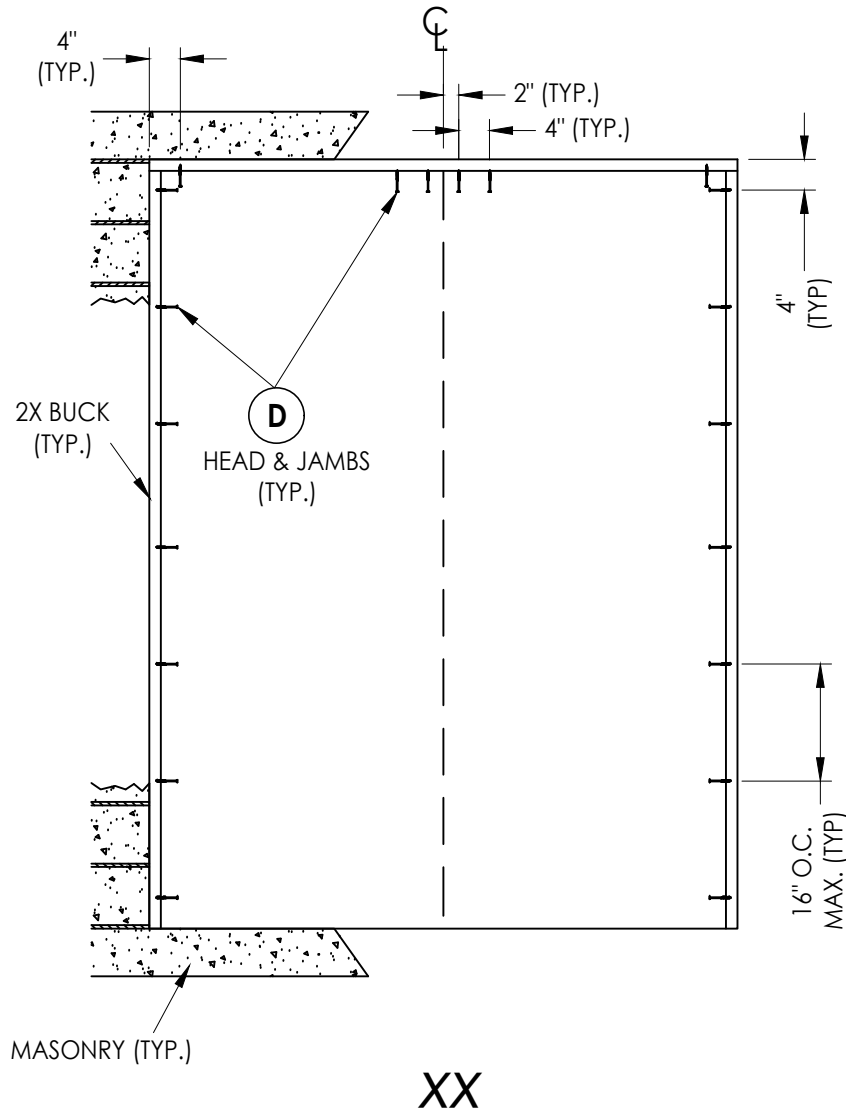
SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46830.9

SHEET 10 OF 13



## 2X BUCK ANCHORING

[illegible]

|              |            |
|--------------|------------|
| DATE:        | 6/17/25    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | LFS        |
| CHK. BY:     | RW         |
| DRAWING NO.: | FL-46830.9 |
| SHEET        | 11 OF 13   |

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Lyndon F. Schmidt  
P.E. No. 43409

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



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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     |
| K                 | 1/4" X 2-1/4" PFH 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" PFH ITW CONCRETE SCREW                                                          | STEEL     |
| Q                 | 1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| 1                 | WOOD JAMB (FINGER JOINTED PINE)                                                                | WOOD      |
| 2                 | COMPOSITE JAMB                                                                                 | COMP      |
| 7                 | WEATHERSTRIP                                                                                   | FOAM      |
| 8                 | SWEEP                                                                                          | VINYL     |
| 9                 | 4" X 4" HINGE                                                                                  | STEEL     |
| 10                | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL     |
| 13                | INSWING THRESHOLD                                                                              | ALUM/COMP |
| 14                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 15                | ADA THRESHOLD                                                                                  | ALUM      |
| 16                | INSWING SIDELITE ADAPTER                                                                       | PVC       |
| 22                | #8 X 5/8" FH MACHINE SCREW                                                                     | STEEL     |
| 23                | #8 X 2" FH SMS                                                                                 | STEEL     |
| 24                | #8 X 2-1/2" PFH DEEP THREAD WOOD SCREW                                                         | STEEL     |
| 26                | #8 X 2" PH SMS                                                                                 | STEEL     |
| 27                | LATCH STRIKE PLATE                                                                             | STEEL     |
| 28                | DEADBOLT STRIKE PLATE                                                                          | STEEL     |
| 37                | ASTRAGAL STRIKE PLATE (1.19" X 3.25" X 0.075" THICK)                                           | STEEL     |
| 38                | ALUMINUM ASTRAGAL                                                                              | ALUM      |
| 40                | DOOR PANEL                                                                                     | -         |
| 50                | SIDELITE PANEL                                                                                 | -         |

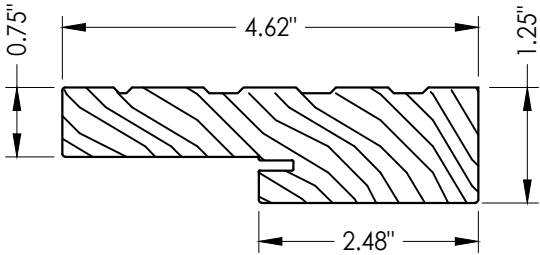
CONCRETE ANCHOR NOTES:

- 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:

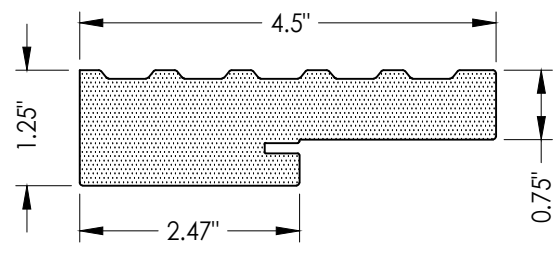
| ANCHOR TYPE         | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|---------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW BUILDEX TAPCON® | 3/16"       | 1-1/4"        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

WOOD SCREW INSTALLATION NOTES:

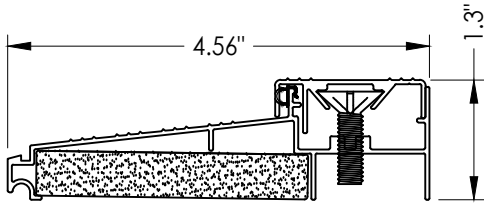
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



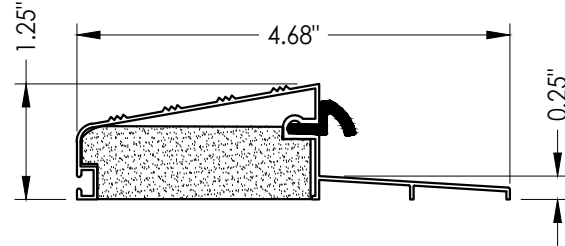
1 WOOD JAMB  
FINGER JOINTED PINE



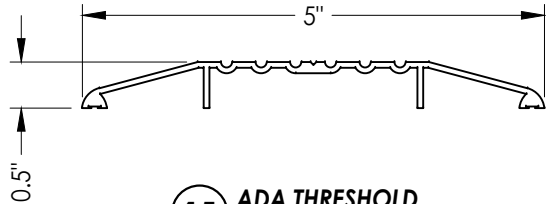
2 COMPOSITE JAMB  
WORLDWIDE 4EVER



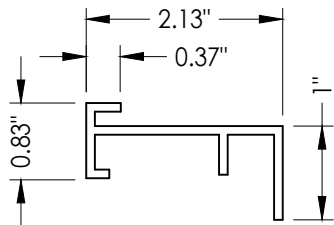
13 INSWING THRESHOLD  
DLP



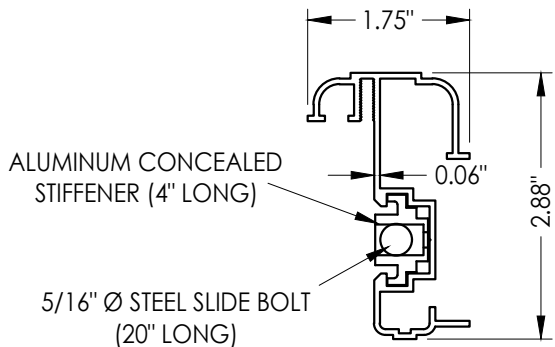
14 OUTSWING THRESHOLD  
DLP



15 ADA THRESHOLD  
DLP



16 INSWING SIDELITE ADAPTER



38 ALUMINUM ASTRAGAL  
DLP

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PRODUCT: TRIMLITE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |
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DATE: 6/17/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:  
FL-46830.9

SHEET 13 OF 13