



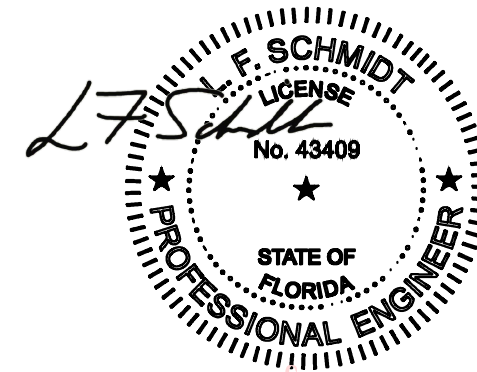
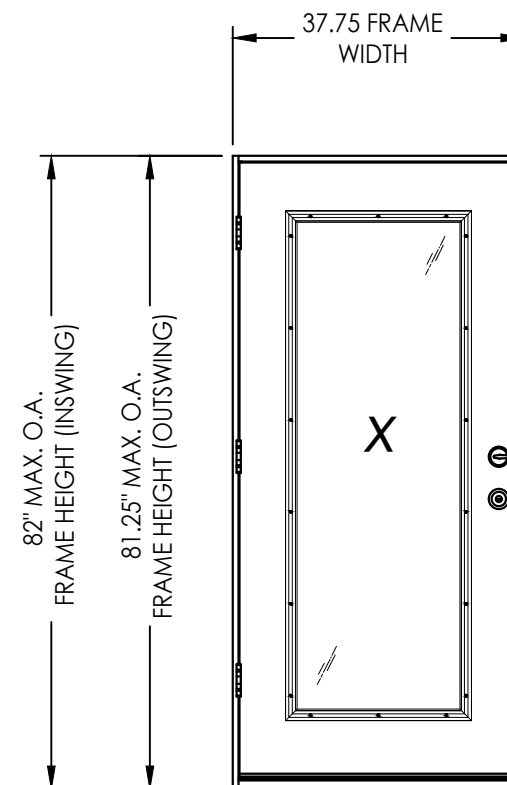
Fiber-Classic® &amp; Smooth-Star®

**COMPOSITE EDGE  
GLAZED FIBERGLASS SINGLE DOOR  
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. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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 panels require the use of "J" part numbers and must be stained or painted within six months of installation.

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Digitally signed by Lyndon F  
Schmidt  
Date: 2026.08.05 11:50:03 -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

| CONFIG. | LITE INSERT    | DOOR GLAZING<br>MAX. D.L.O. | LOCK HARDWARE    | DESIGN PRESSURE (PSF)<br>INSWING |          | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|---------|----------------|-----------------------------|------------------|----------------------------------|----------|-----------------------------------|----------|
|         |                |                             |                  | POSITIVE                         | NEGATIVE | POSITIVE                          | NEGATIVE |
| X       | Lip Lite       | 21.12" X 63.12"             | Latch & Deadbolt | +50.0                            | -50.0    | +50.0                             | -50.0    |
| X       |                |                             | Multipoint       | +50.0                            | -50.0    | +50.0                             | -50.0    |
| X       | Molded<br>Open | 21.12" X 63.12"             | Latch & Deadbolt | +50.0                            | -50.0    | +50.0                             | -50.0    |
| X       |                |                             | Multipoint       | +55.0                            | -55.0    | +60.0                             | -60.0    |
| X       | Flush Glazed   | 24.12" X 63.38"             | Latch & Deadbolt | +55.0                            | -65.0    | +55.0                             | -55.0    |
| X       |                |                             | Multipoint       | +55.0                            | -65.0    | +55.0                             | -55.0    |
| X       | Flush Glazed   | 26.0" X 63.38"              | Latch & Deadbolt | +55.0                            | -65.0    | +55.0                             | -55.0    |
| X       |                |                             | Multipoint       | +50.0                            | -50.0    | +50.0                             | -50.0    |

**See Sheet 4 for Hardware Specifications**

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Lyndon F. Schmidt  
P.E. No. 43409

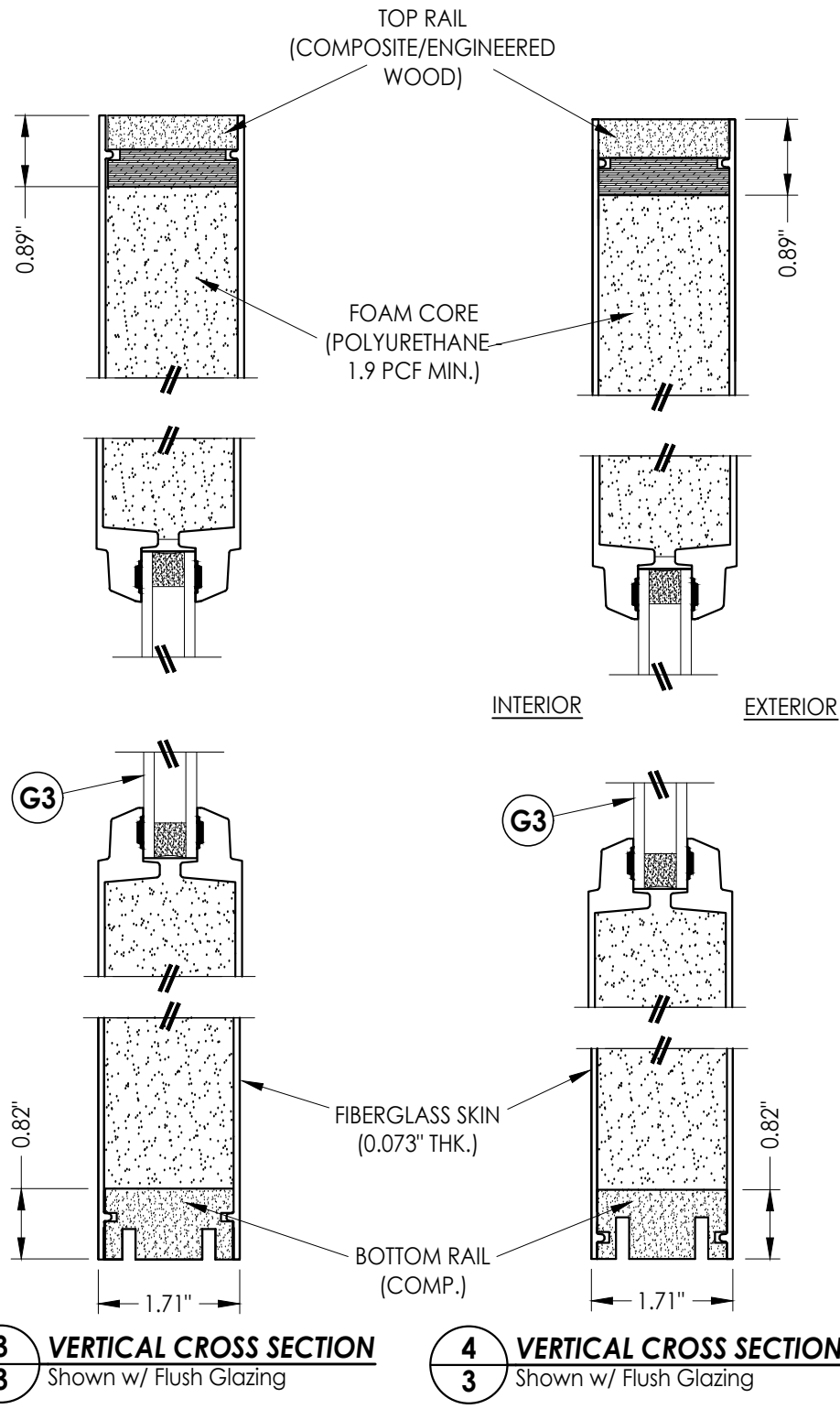
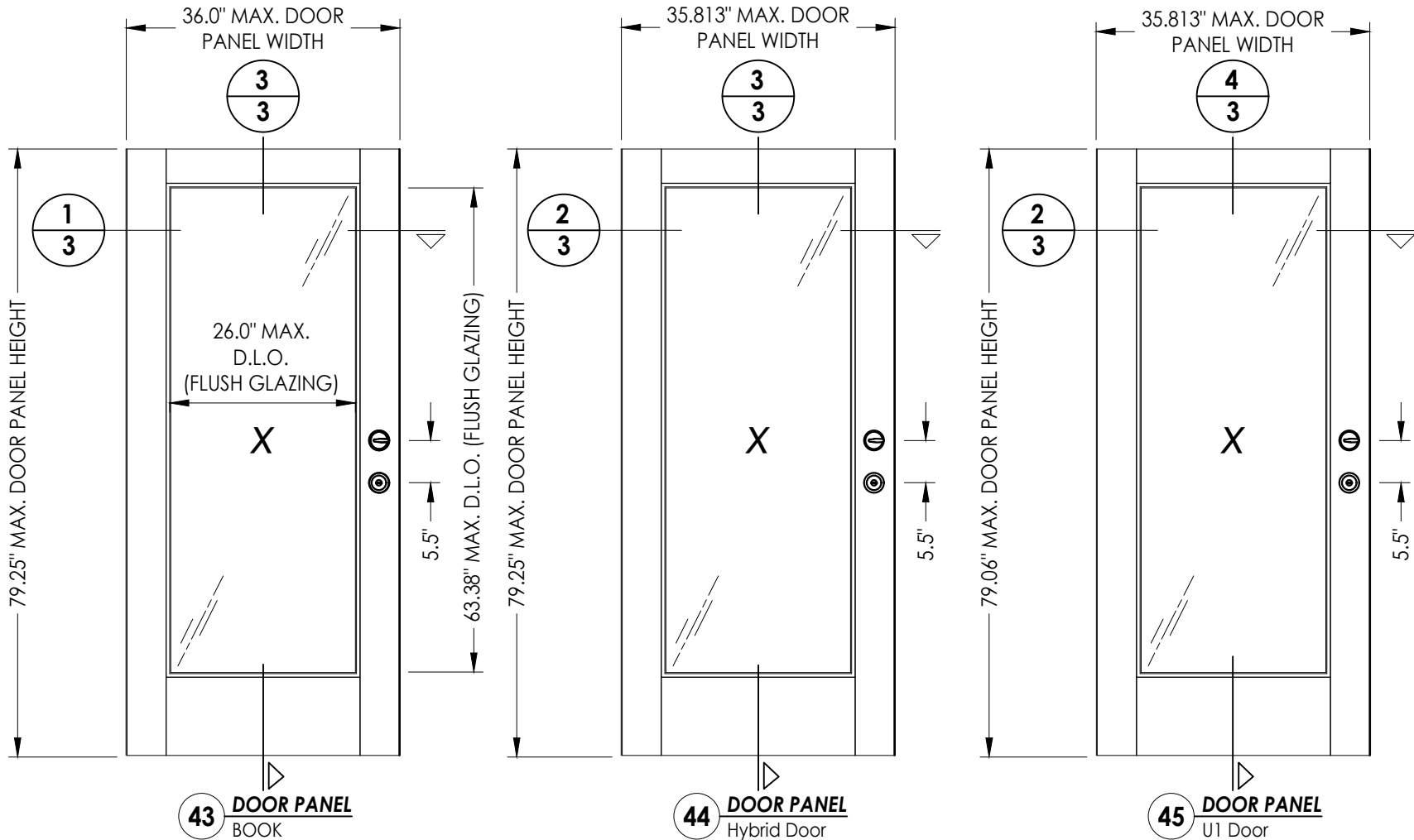
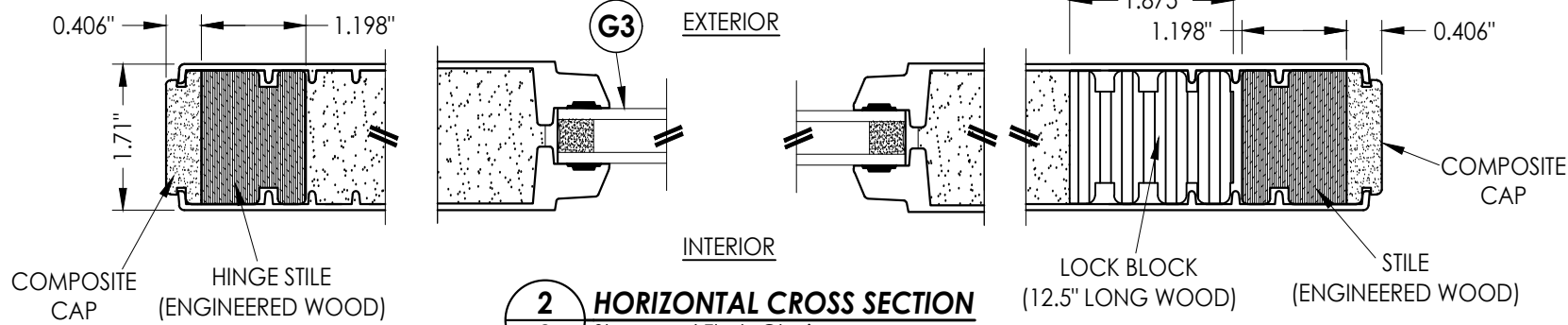
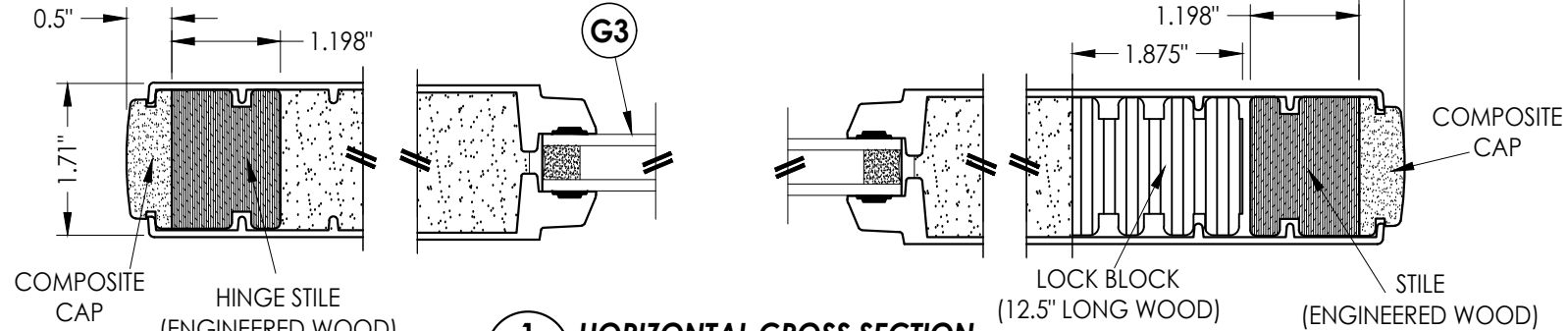
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

**PRODUCT:** THERMA-TRU  
FIBERGLASS DOOR

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

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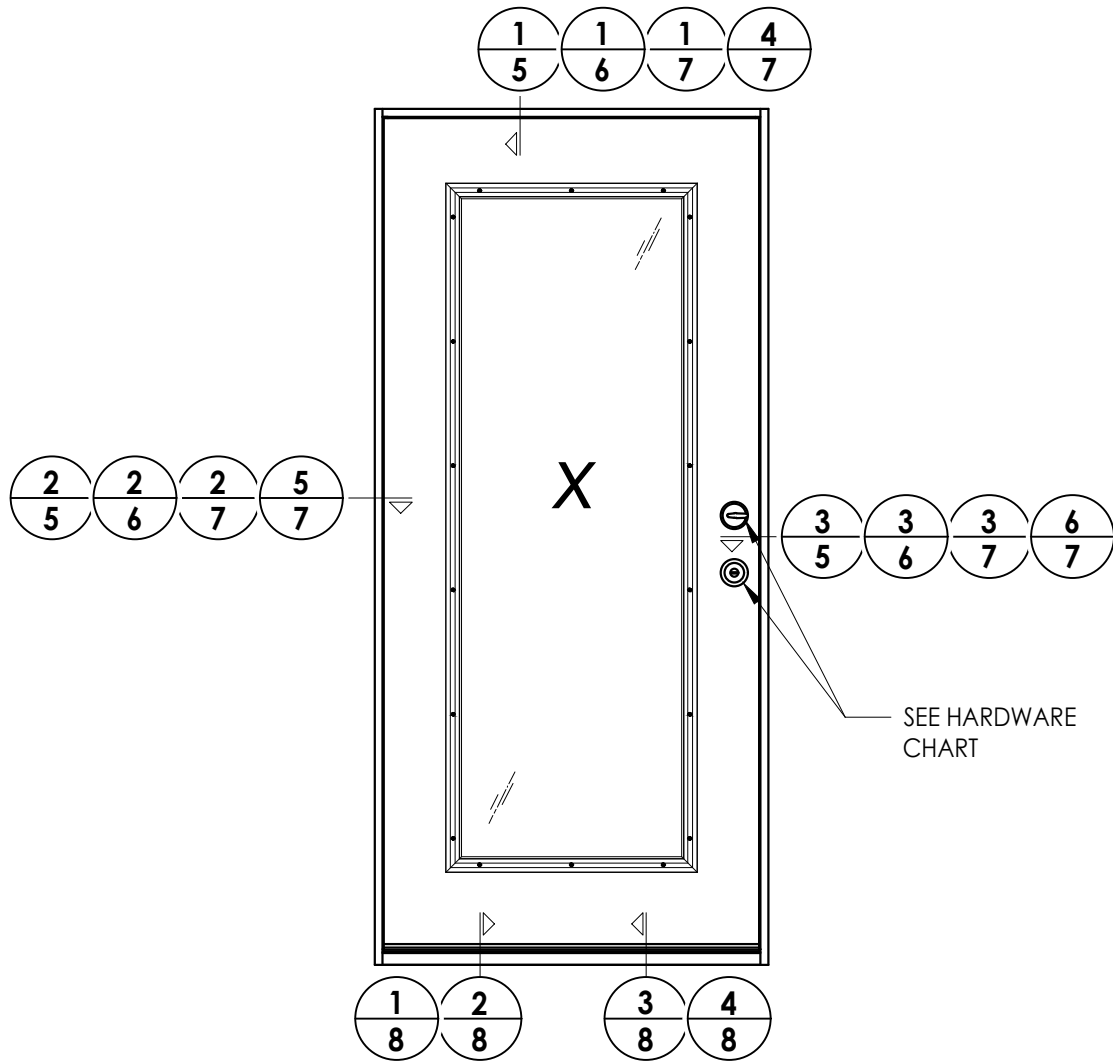
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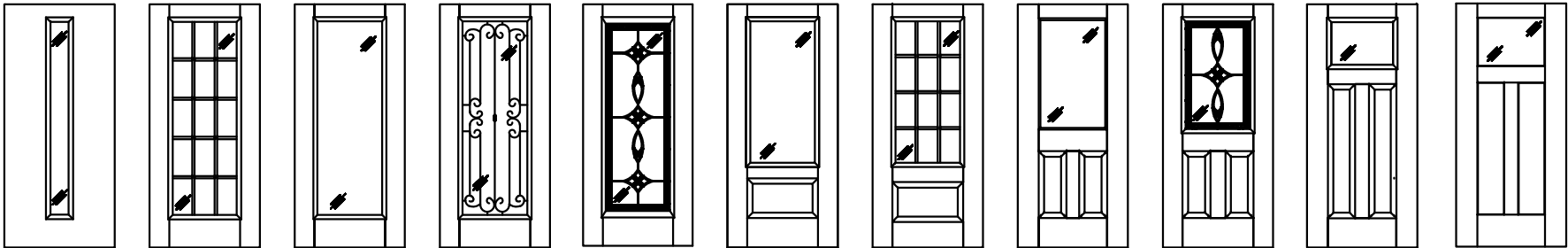
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SEE HARDWARE  
CHART

| HARDWARE TABLE |                                                       |                        |
|----------------|-------------------------------------------------------|------------------------|
| MANUFACTURER   | MODEL                                                 |                        |
| SCHLAGE        | KNOB:                                                 | F51                    |
|                | DEADBOLT:                                             | B60                    |
| KWIKSET        | KNOB:                                                 | SIGNATURE SERIES       |
|                | DEADBOLT:                                             | SIGNATURE SERIES (980) |
| HOPPE          | MULTIPOINT : HLS 9000 SERIES<br>(3 pt. Manual Tongue) |                        |



**Fiber-Classic/Smooth-Star Door Panel Options**

Products approved include all embossed panel doors and 2 panel recessed panel doors.  
Similar glazed panel configurations are allowed.  
Panels shown are for illustration and are representative only.

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
ELEVATIONS

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20461.9

SHEET 4 OF 13

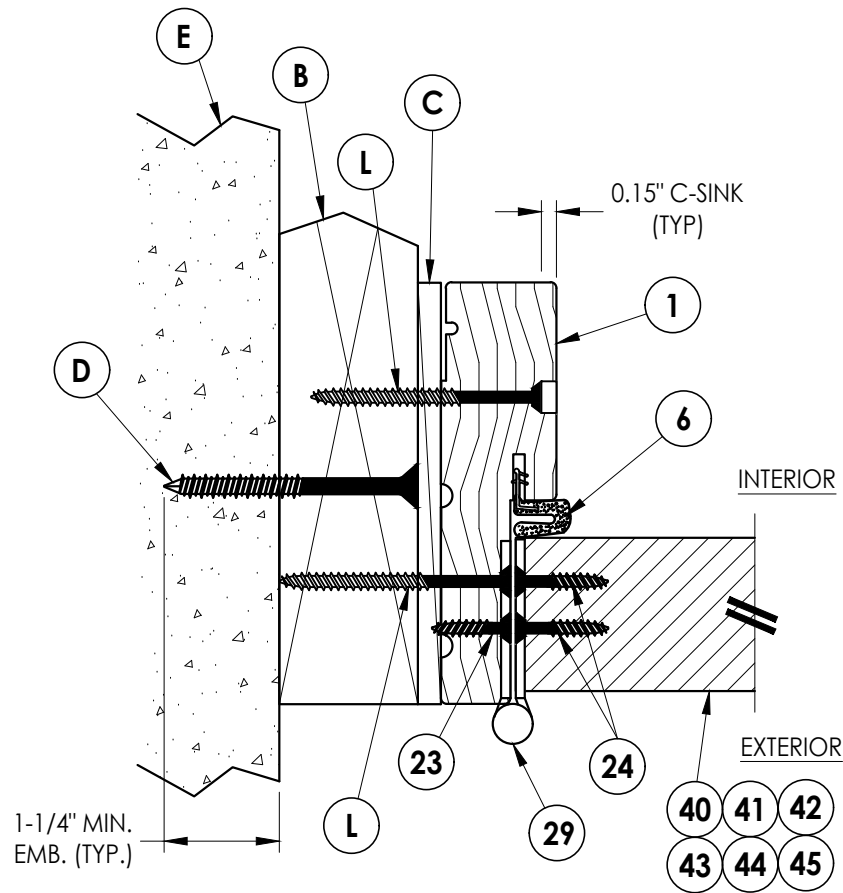
REVISIONS

| NO. | DATE    | BY  |
|-----|---------|-----|
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| 5   | 7/19/23 | LFS |
| 4   | 7/21/20 | LFS |

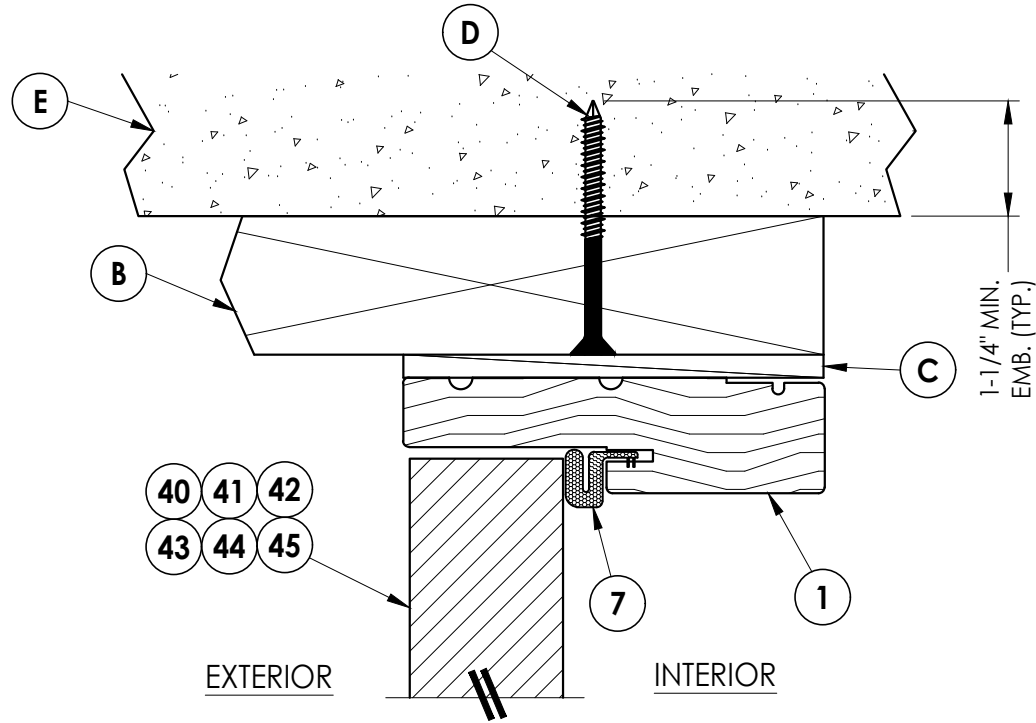
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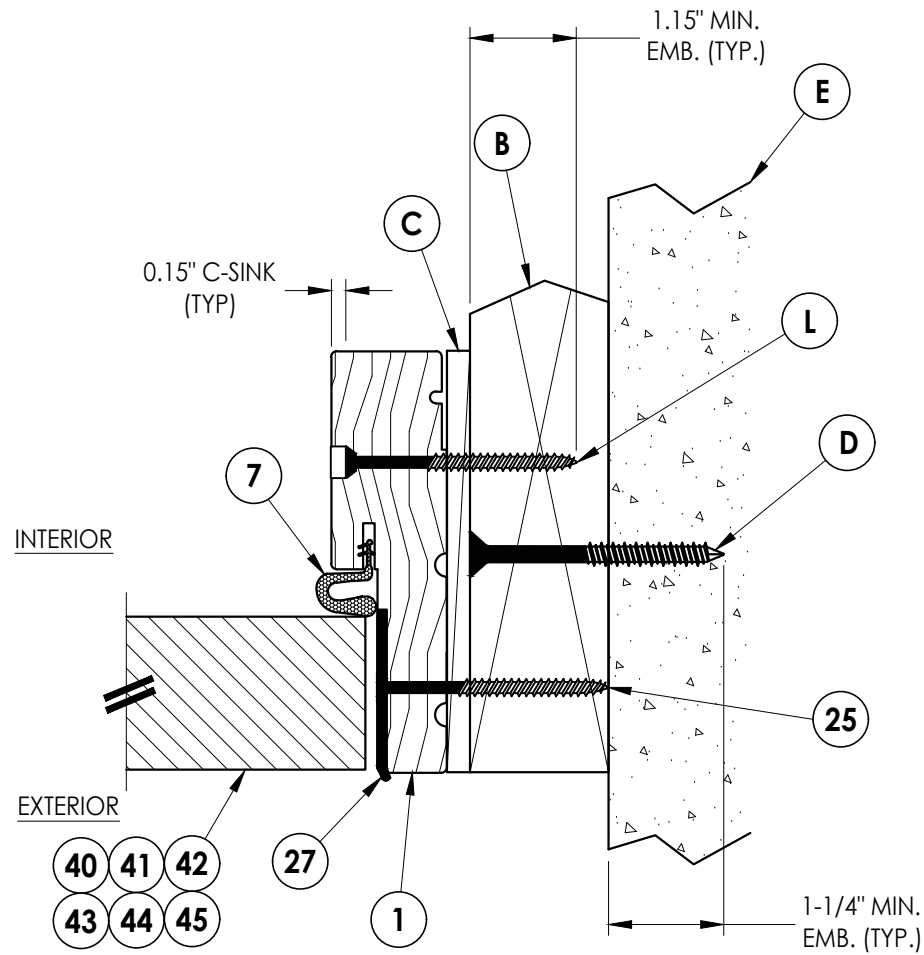
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**2 HORIZONTAL CROSS SECTION**  
5 Shown w/ 2X Buck  
Outswing shown (Inswing similar)



**1 VERTICAL CROSS SECTION**  
5 Shown w/ 2X Buck  
Outswing shown (Inswing similar)



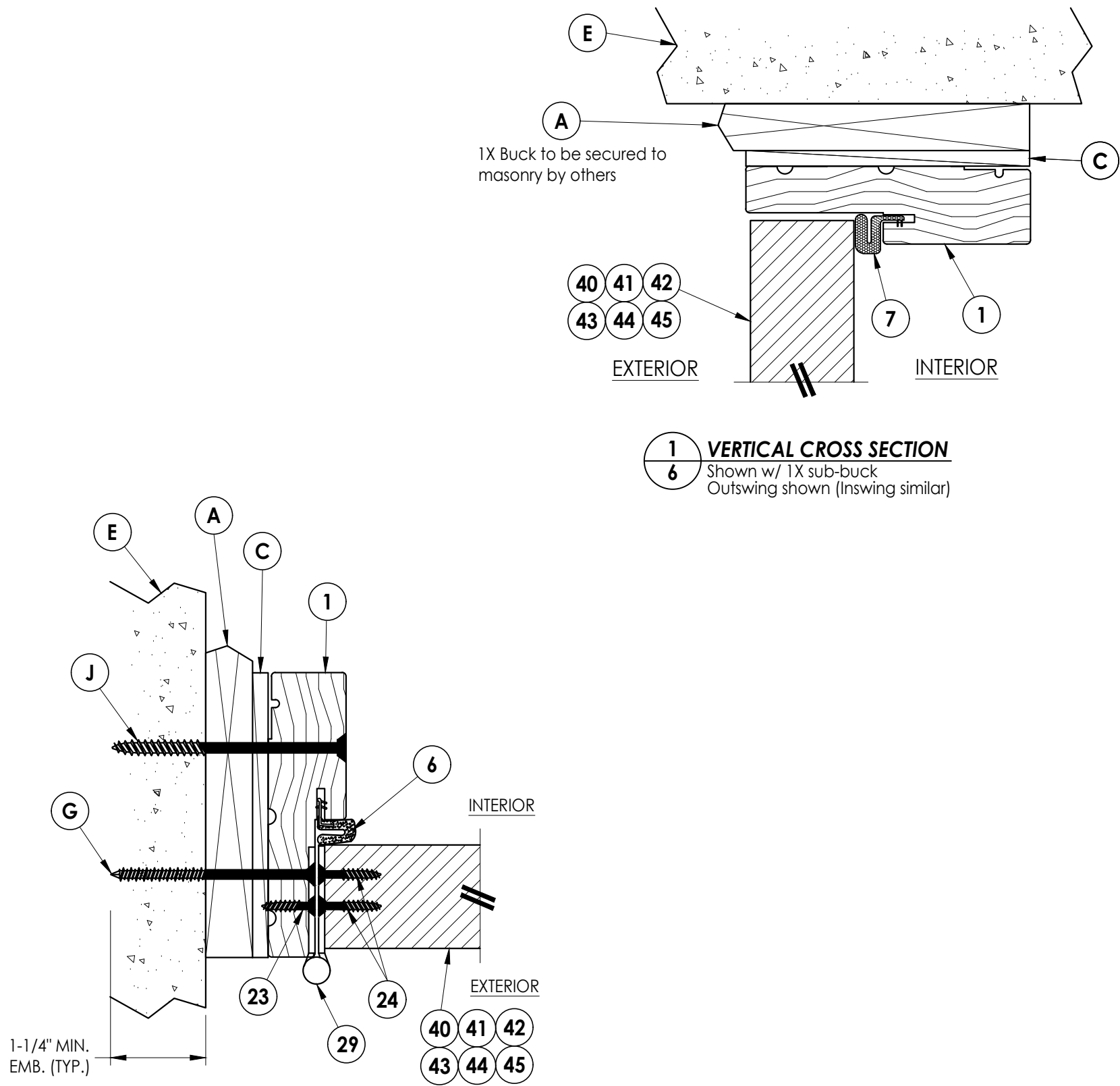
**3 HORIZONTAL CROSS SECTION**  
5 Shown w/ 2X Buck  
Outswing shown (Inswing similar)

| DATE                    |  | NO. |  | DATE    |  | BY  |  |
|-------------------------|--|-----|--|---------|--|-----|--|
| 6/1/16                  |  | 6   |  | 7/03/26 |  | LFS |  |
| SCALE: N.T.S.           |  | 5   |  | 7/19/23 |  | FBC |  |
| DWG. BY: JK             |  | 4   |  | 7/21/20 |  | FBC |  |
| CHK. BY: LFS            |  |     |  |         |  |     |  |
| DRAWING NO.: FL-20461.9 |  |     |  |         |  |     |  |
| SHEET 5 OF 13           |  |     |  |         |  |     |  |

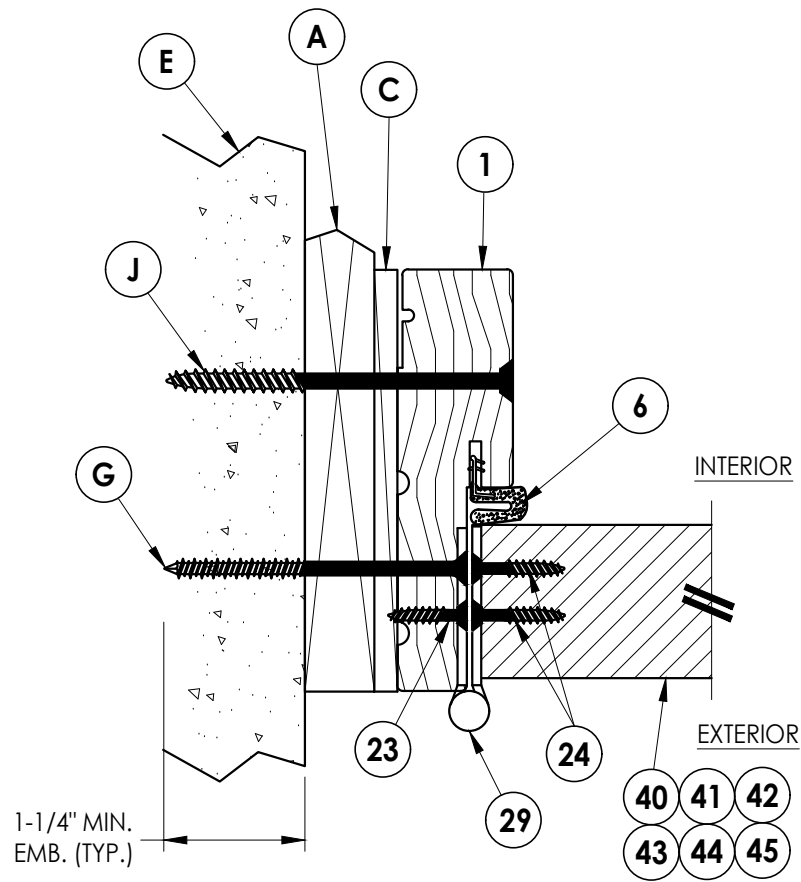
| PRODUCT:                      |  | PART OR ASSEMBLY:                                 |  |
|-------------------------------|--|---------------------------------------------------|--|
| THERMA-TRU<br>FIBERGLASS DOOR |  | HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X BUCK) |  |

|                        |  |                                           |  |
|------------------------|--|-------------------------------------------|--|
| Documents Prepared By: |  | R <sup>W</sup> BUILDING CONSULTANTS, INC. |  |
| Lyndon F. Schmidt      |  | P.O. Box 230, Valrico, FL 33595           |  |
| P.E. No. 43409         |  | Phone No.: 813.659.9197                   |  |
|                        |  | FBPE Registry No. 9813                    |  |

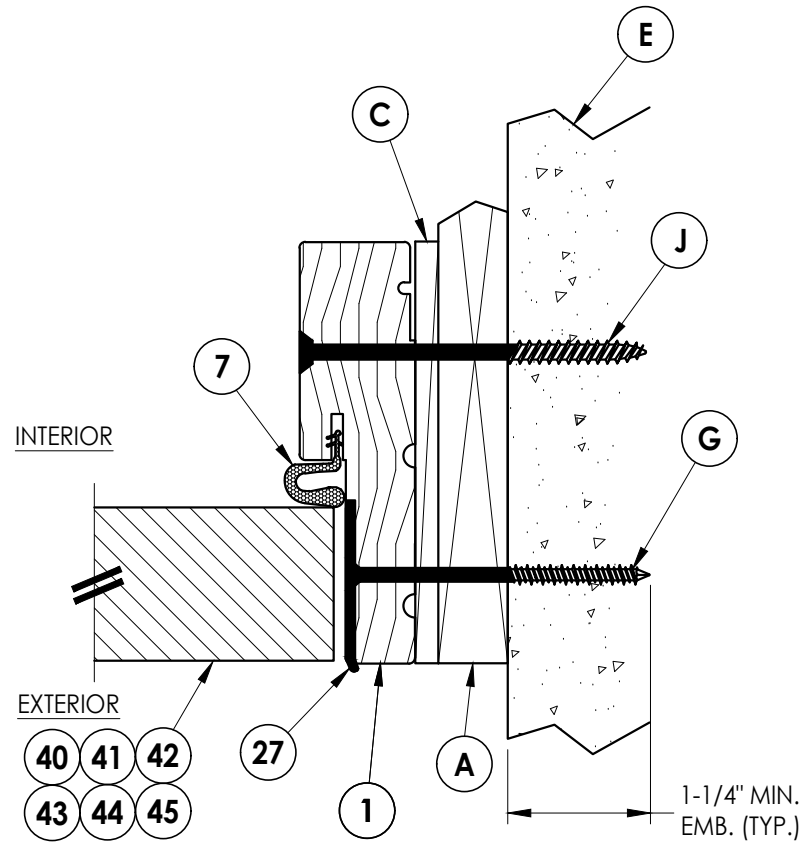
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**1**  
**6** **VERTICAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



**2**  
**6** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



**3**  
**6** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)

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Lyndon F. Schmidt  
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P.O. Box 230, Valrico, FL 33595  
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PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (1X BUCK)

| REVISIONS |  | NO. | DATE    | BY                               |
|-----------|--|-----|---------|----------------------------------|
|           |  | 6   | 7/03/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
|           |  | 5   | 7/19/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
|           |  | 4   | 7/21/20 | UPDATE TO 7th ED (2020) FBC LFS  |

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

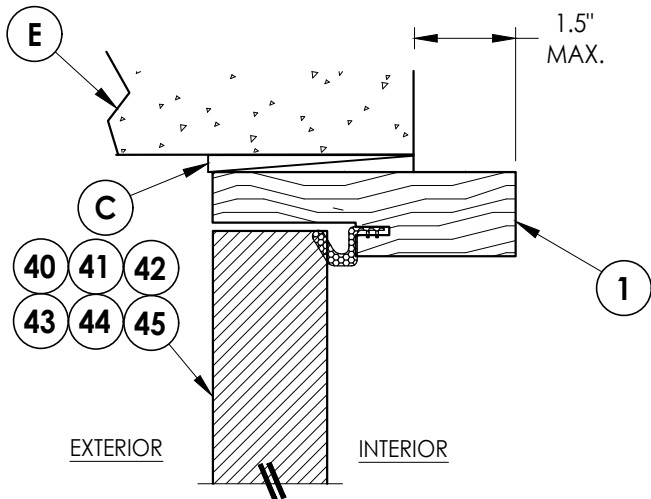
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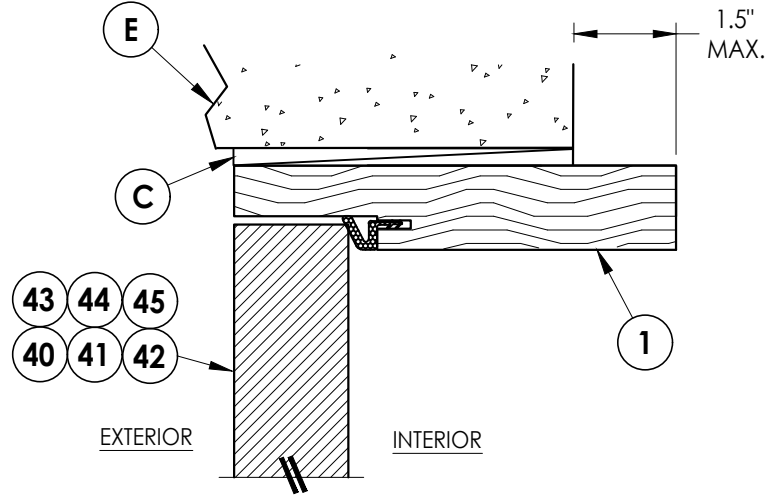
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SHEET 6 OF 13

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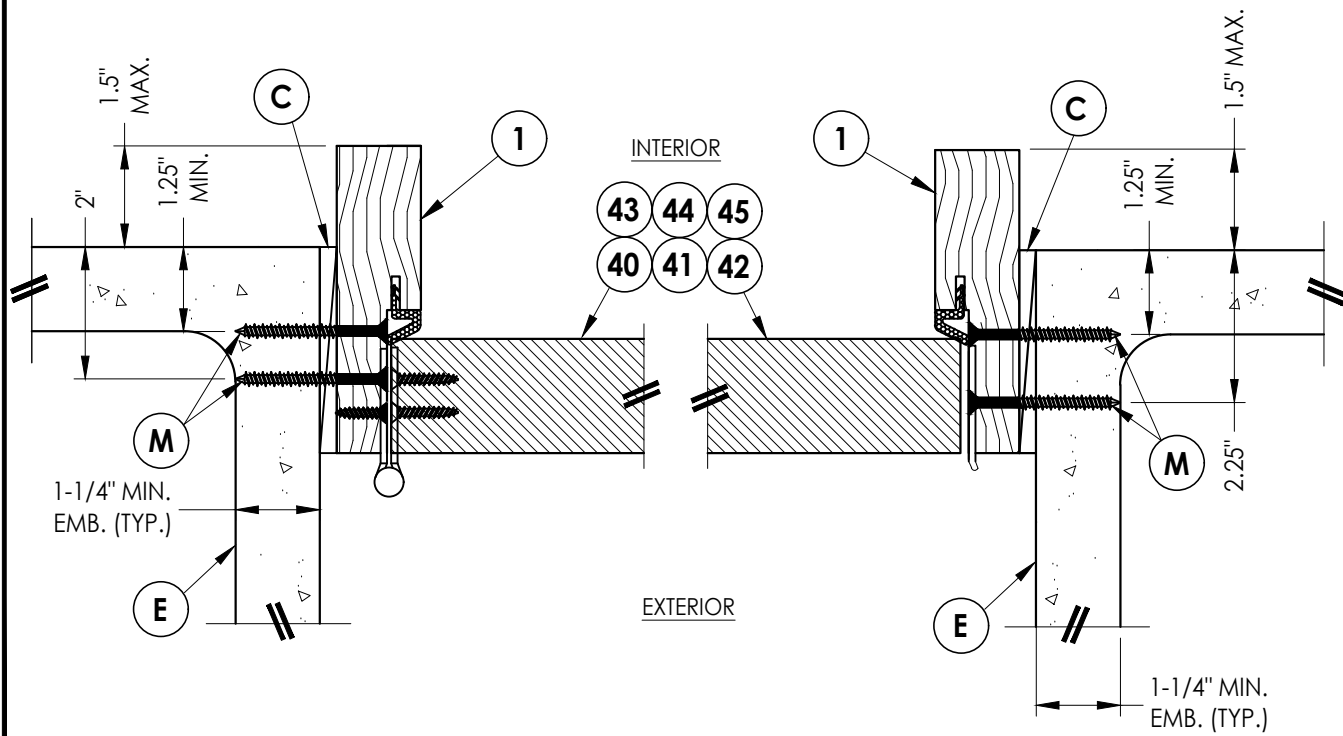


**1** **VERTICAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb

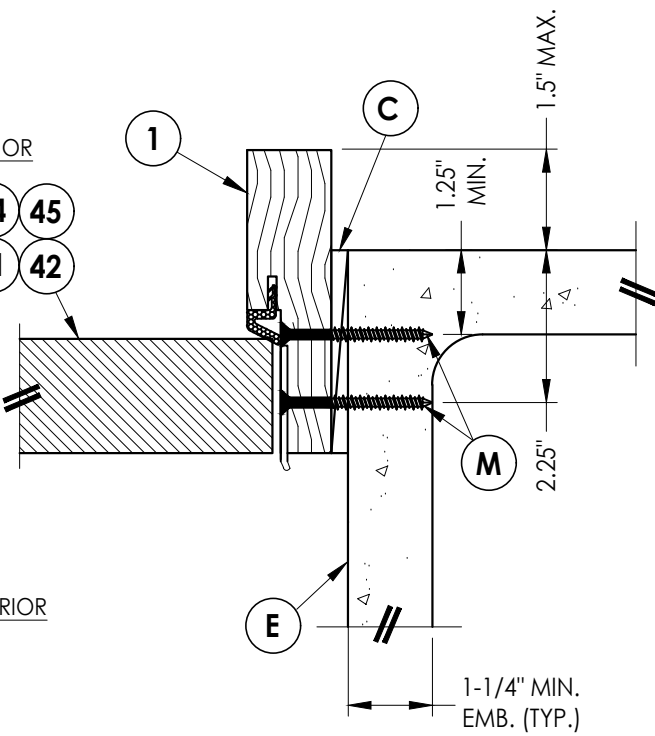


**4** **VERTICAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

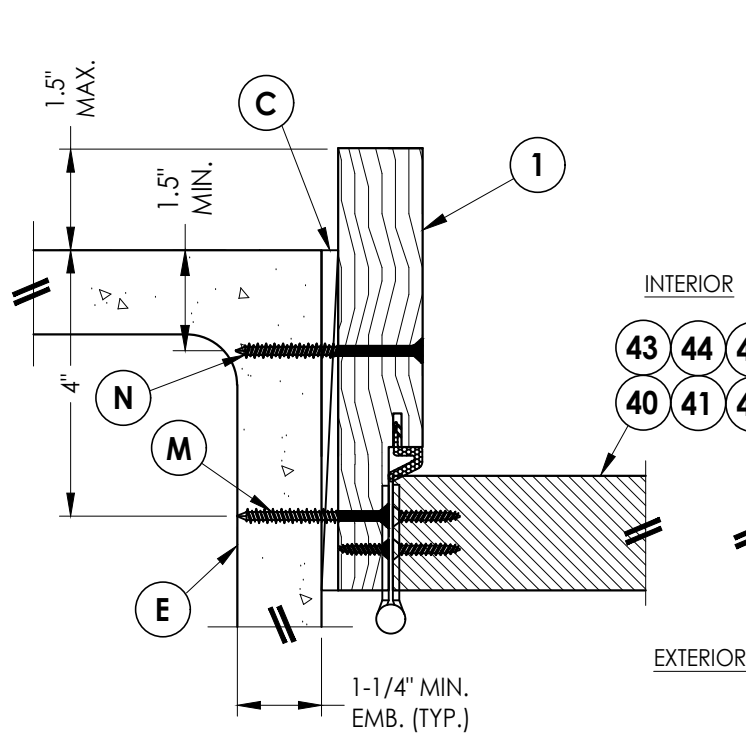
DIRECT TO MASONRY MAX. DESIGN PRESSURE:  
w/ STANDARD STRIKE =  $\pm 55$  PSF  
w/ SECURITY STRIKE =  $\pm 60$  PSF



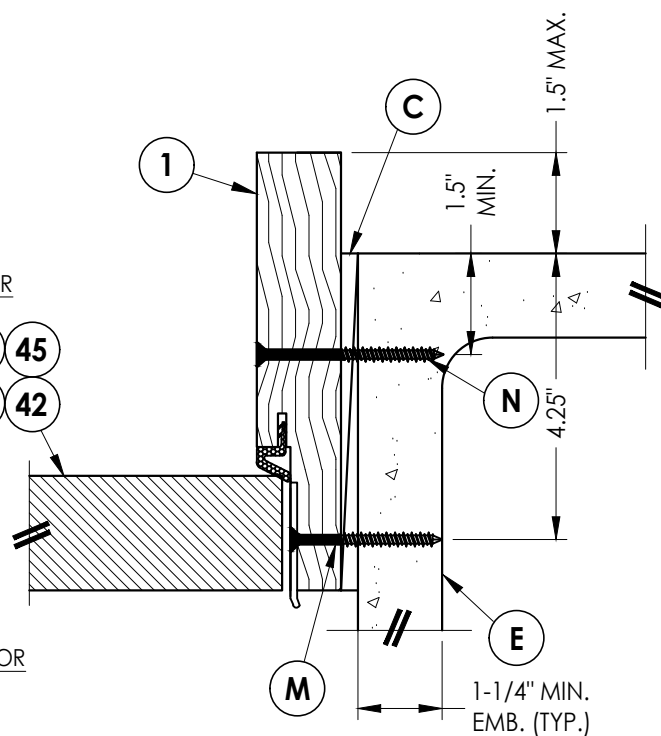
**2** **HORIZONTAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb



**3** **HORIZONTAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb



**5** **HORIZONTAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



**6** **HORIZONTAL CROSS SECTION**  
**7** Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

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FBPE Registry No. 9813

PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

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

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 6   | 7/03/26 | UPDATE TO 9TH ED. (2026) FBC |
| 5   | 7/19/23 | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 7/21/20 | UPDATE TO 7th ED (2020) FBC  |

DATE: 6/1/16

SCALE: N.T.S.

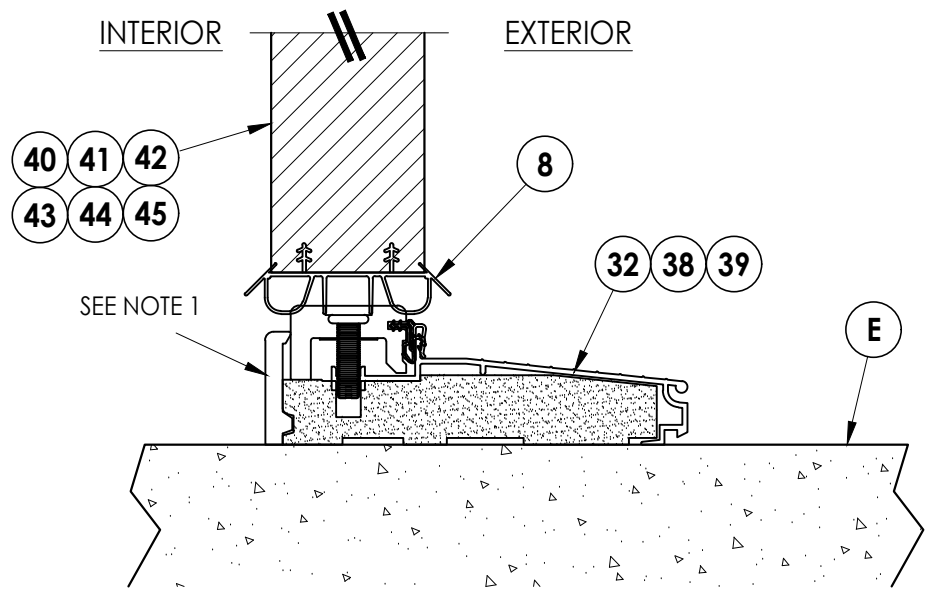
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CHK. BY: LFS

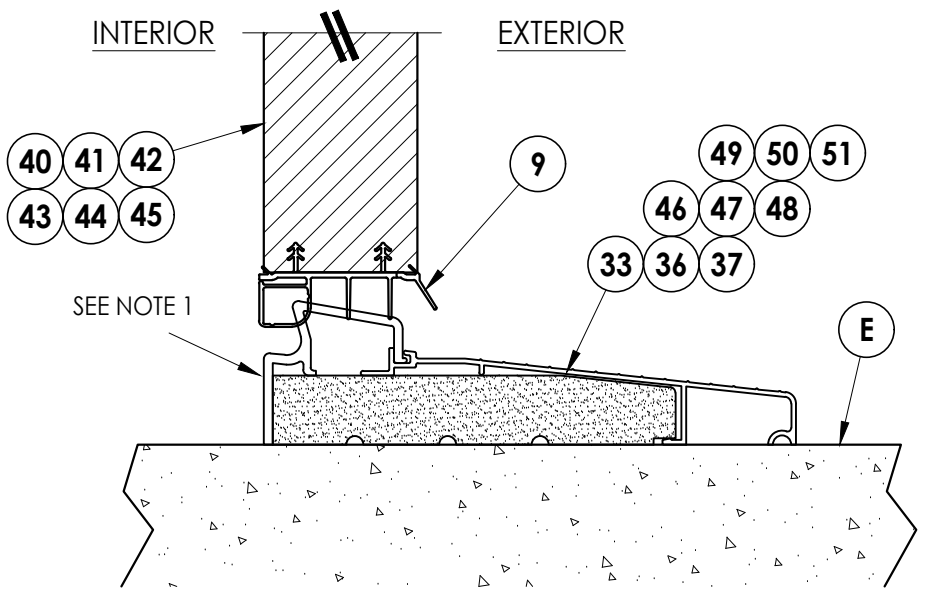
DRAWING NO.: FL-20461.9

SHEET 7 OF 13

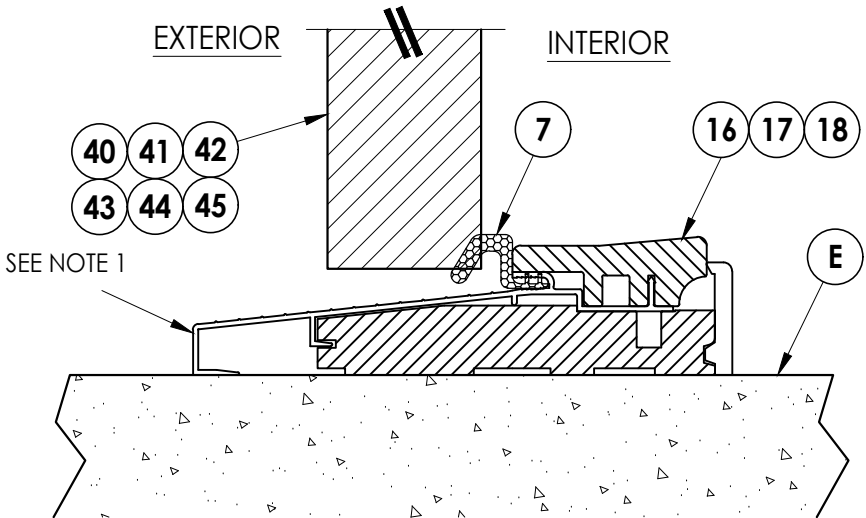
- Notes:
- Sill Item #'s 16, 32, 33, 36, 37, 38, 39, 46, 47, 48, 49, 50 & 51 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws or (3) 2.5" staples at each end.
  - Sill Item #'s 17 & 18 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
  - Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.



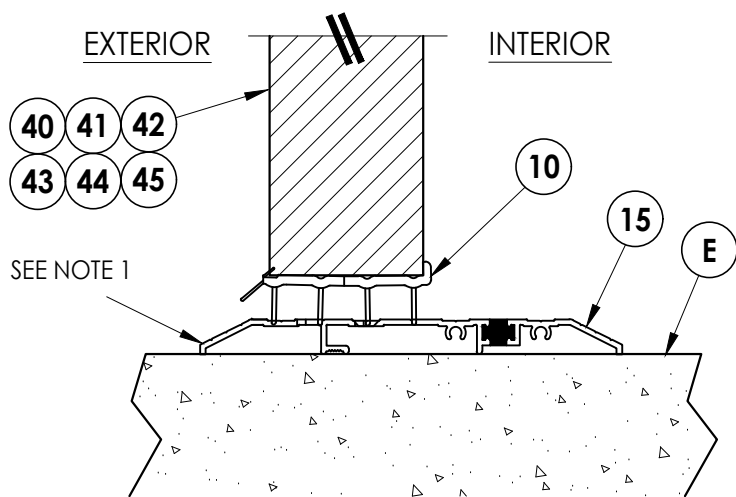
**1**  
**8** **VERTICAL CROSS SECTION**  
Inswing Sill



**2**  
**8** **VERTICAL CROSS SECTION**  
Inswing Sill



**3**  
**8** **VERTICAL CROSS SECTION**  
Outswing Sill



**4**  
**8** **VERTICAL CROSS SECTION**  
Public Access Sill

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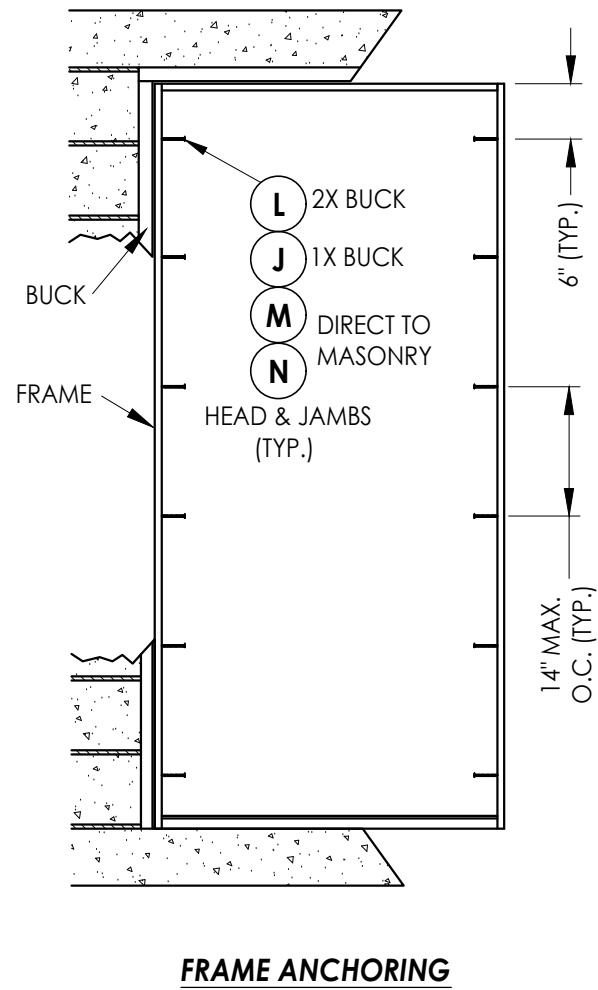
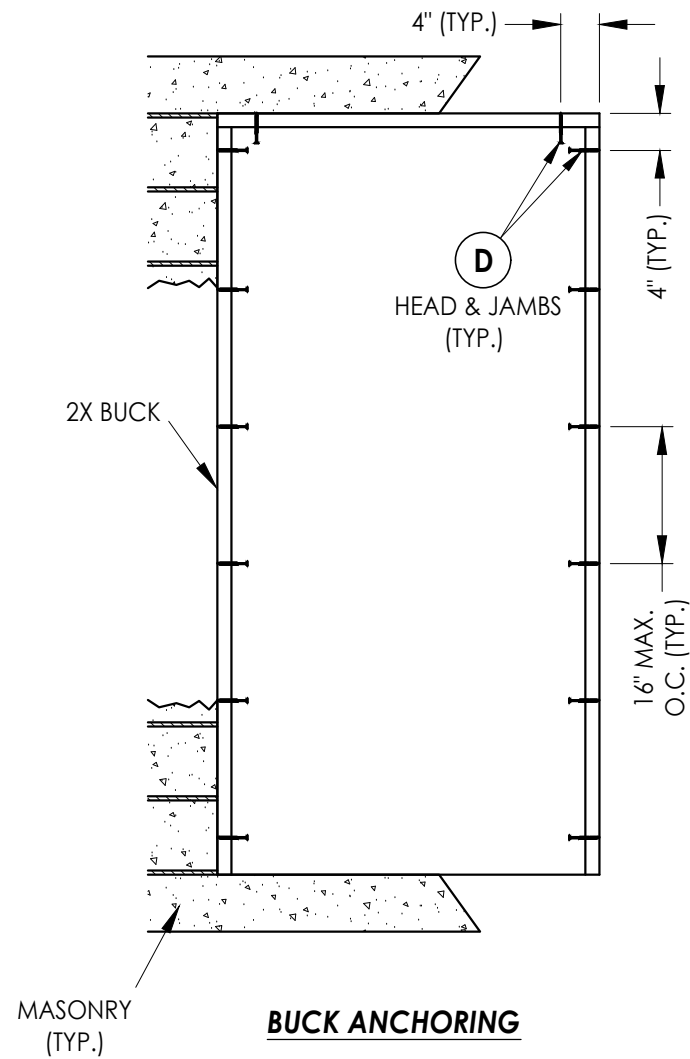
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PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

| REVISIONS |         |                              |     |
|-----------|---------|------------------------------|-----|
| NO.       | DATE    | DESCRIPTION                  | BY  |
| 6         | 7/03/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5         | 7/19/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 4         | 7/21/20 | UPDATE TO 7th ED (2020) FBC  | LFS |

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SHEET 8 OF 13



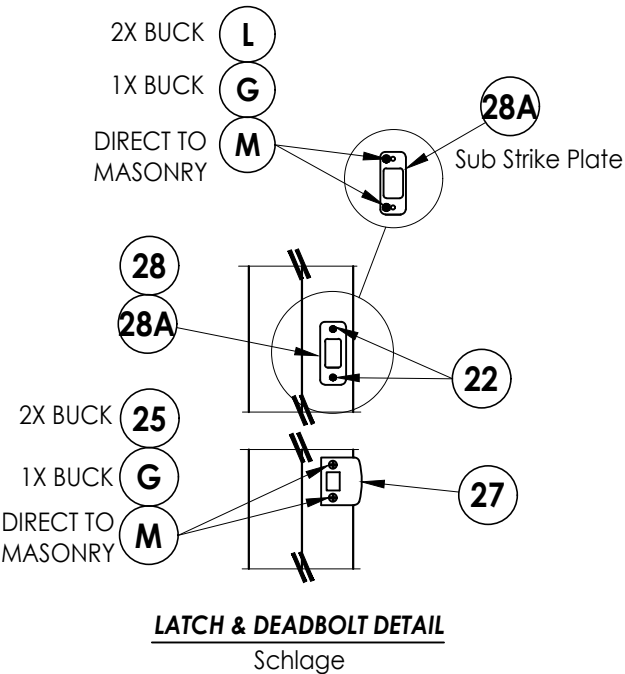
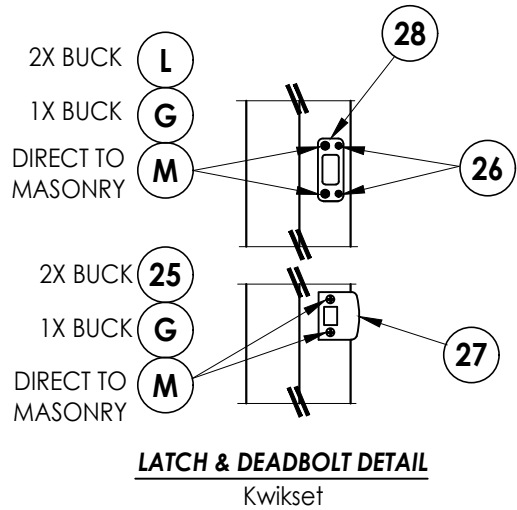
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|                            |         |                   |        |     |     |           |  |  |
|                            |         |                   |        |     |     |           |  |  |
|                            |         |                   |        |     |     |           |  |  |
|                            |         |                   |        |     |     |           |  |  |
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| 5                          | 7/19/23 | UPDATE TO 8TH ED. | (2023) | FBC | LFS |           |  |  |
| 4                          | 7/21/20 | UPDATE TO 7th ED  | (2020) | FBC | LFS |           |  |  |
| NO.                        | DATE    |                   |        |     | BY  |           |  |  |
|                            |         |                   |        |     |     | REVISIONS |  |  |
| DATE: 6/1/16               |         |                   |        |     |     |           |  |  |
| SCALE: N.T.S.              |         |                   |        |     |     |           |  |  |
| DWG. BY: JK                |         |                   |        |     |     |           |  |  |
| CHK. BY: LFS               |         |                   |        |     |     |           |  |  |
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| SHEET 9 OF 13              |         |                   |        |     |     |           |  |  |

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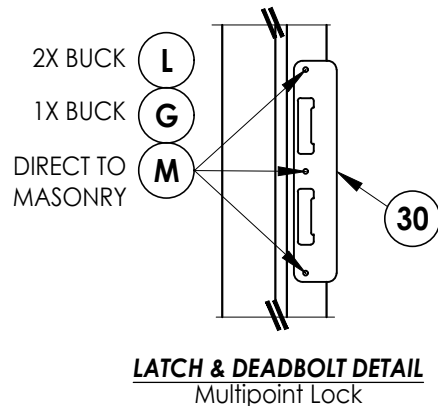
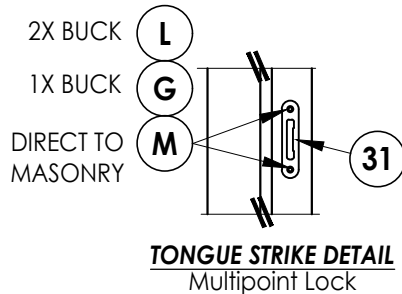
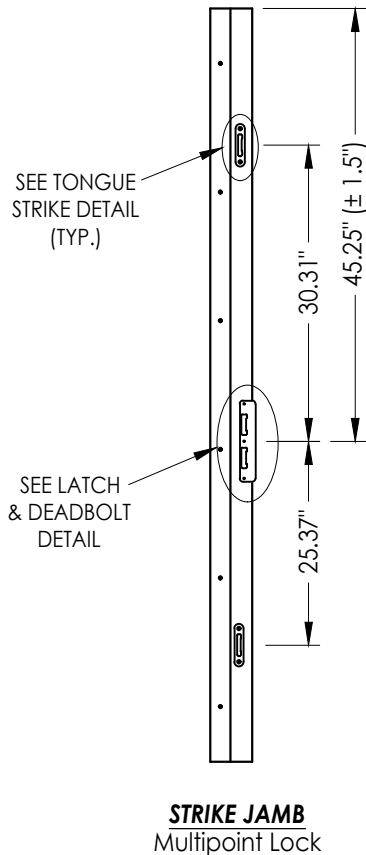
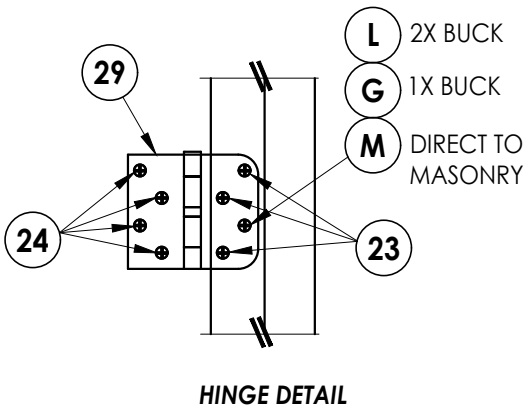
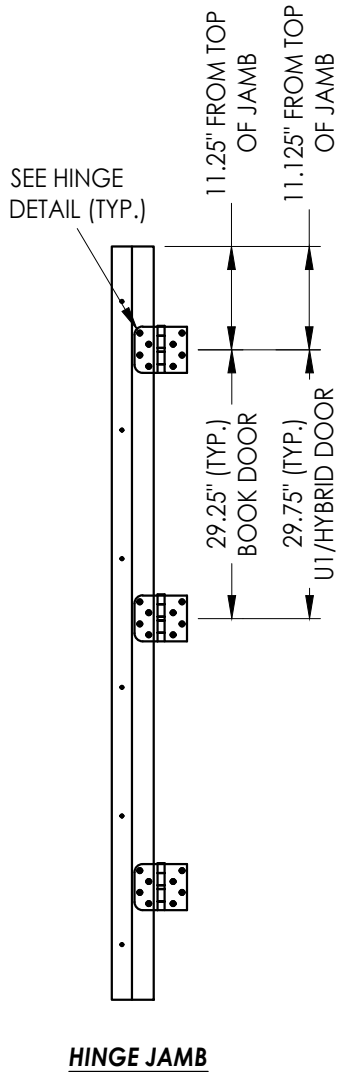
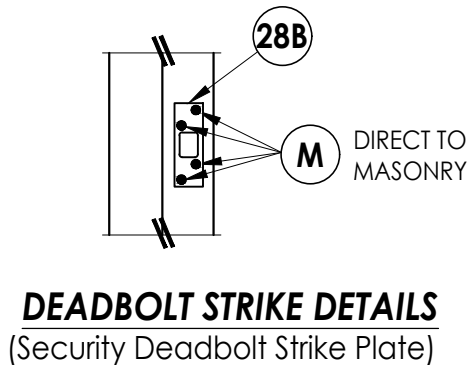
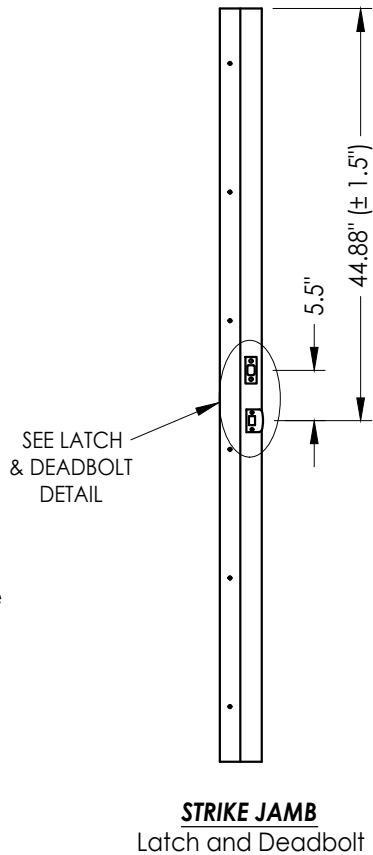
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FBPE Registry No. 9813

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**LATCH & DEADBOLT STRIKE DETAILS**  
(Standard Deadbolt Strike Plate)



**MULTIPOINT LOCK STRIKE DETAILS**

| REVISIONS |         |                          |         |
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| 5         | 7/19/23 | UPDATE TO 8TH ED. (2023) | FBC LFS |
| 4         | 7/21/20 | UPDATE TO 7th ED (2020)  | FBC LFS |

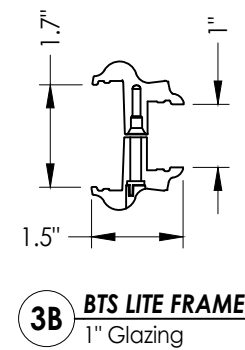
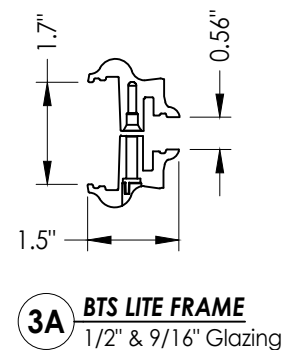
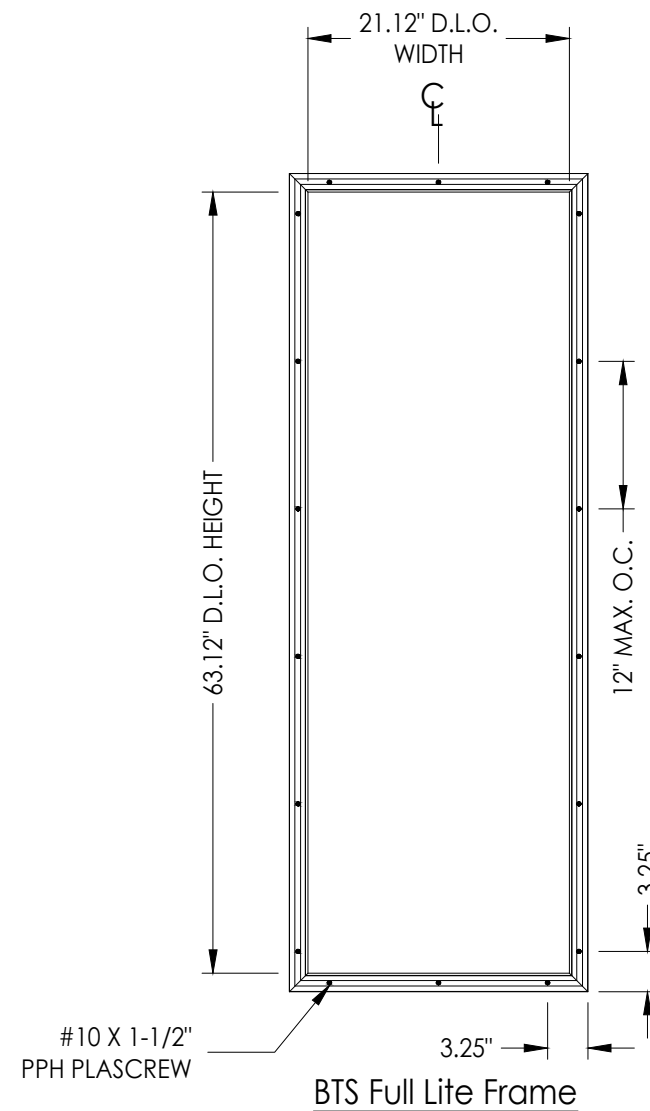
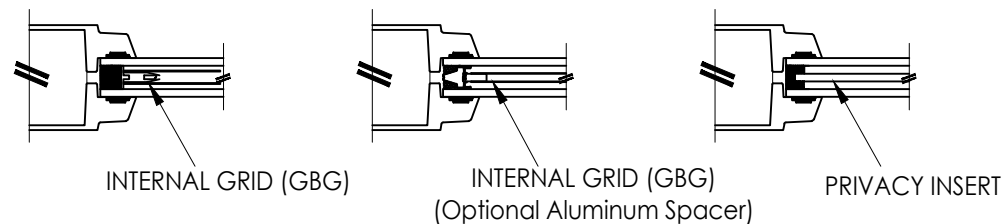
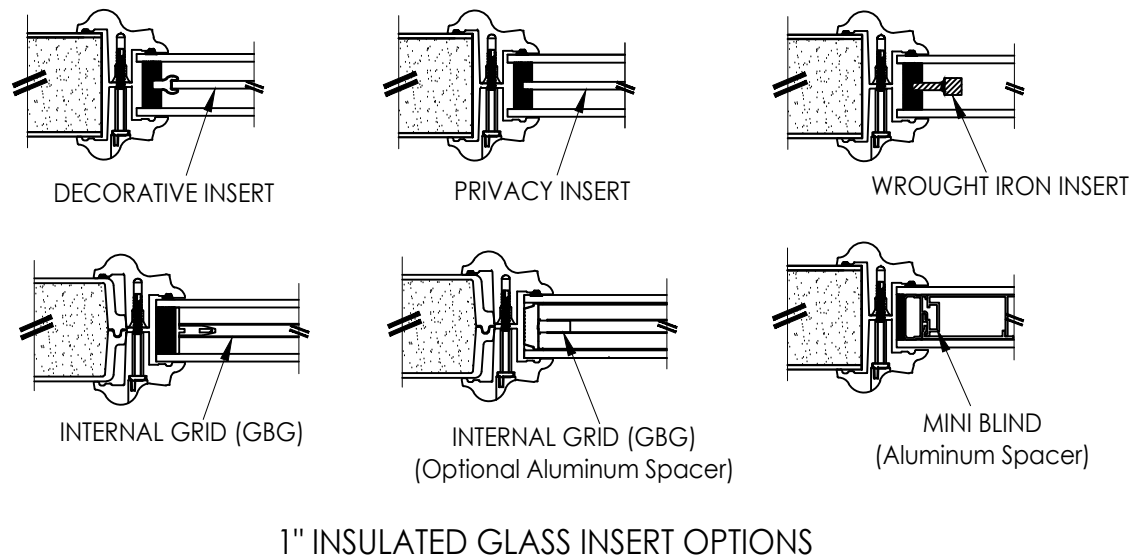
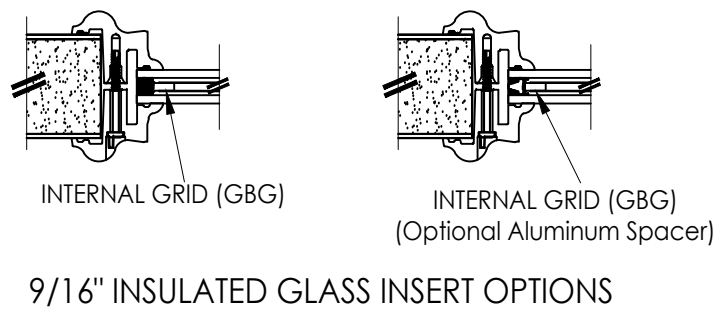
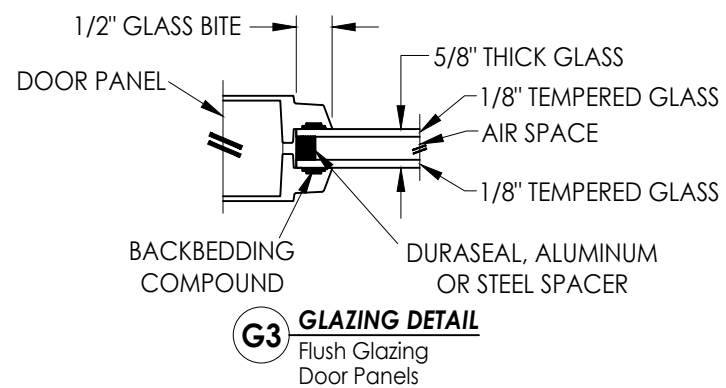
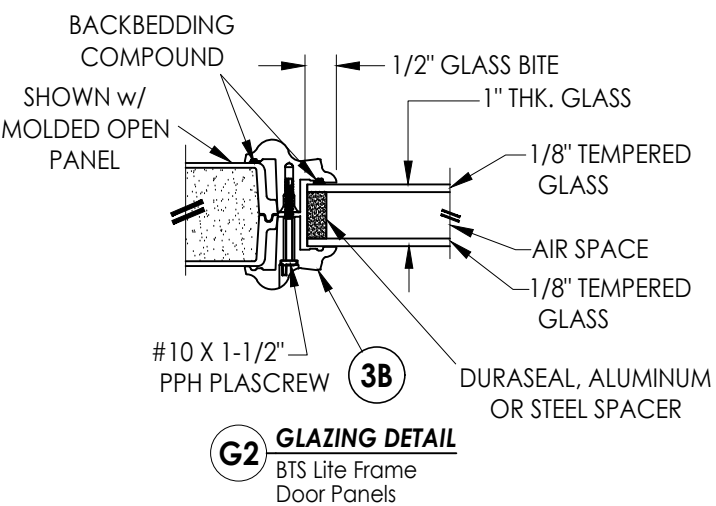
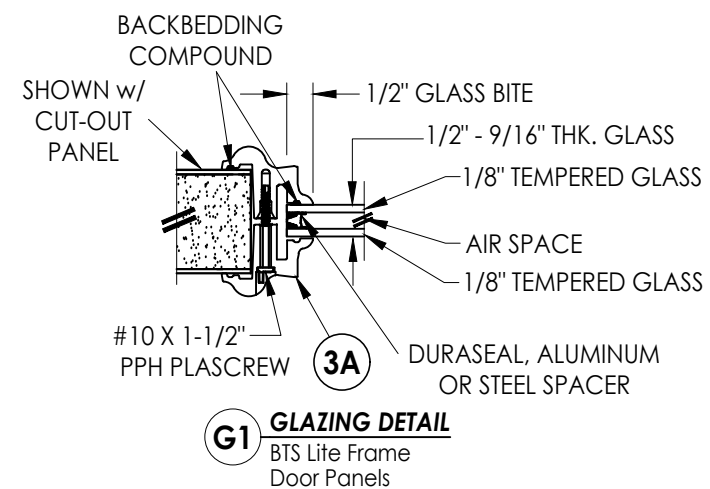
|              |            |
|--------------|------------|
| DATE:        | 6/1/16     |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-20461.9 |
| SHEET        | 10 OF 13   |

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

PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

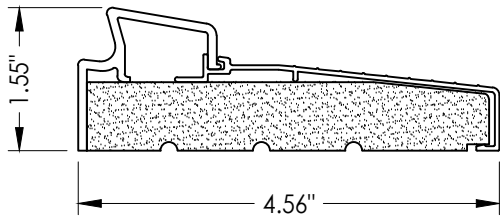
PART OR ASSEMBLY:  
HARDWARE DETAILS

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

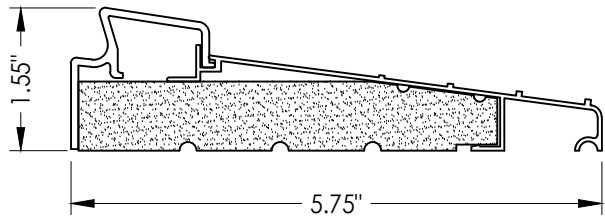


|                         |  |                                            |  |                                                                                                                                                                                                           |  |
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| DATE: 6/1/16            |  | PRODUCT: THERMA-TRU<br>FIBERGLASS DOOR     |  | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                                                                                                             |  |
| SCALE: N.T.S.           |  | PART OR ASSEMBLY: GLAZING DETAILS          |  | <br>BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |
| DWG. BY: JK             |  | 6 7/03/26 UPDATE TO 9TH ED. (2026) FBC LFS |  |                                                                                                                                                                                                           |  |
| CHK. BY: LFS            |  | 5 7/19/23 UPDATE TO 8TH ED. (2023) FBC LFS |  |                                                                                                                                                                                                           |  |
| DRAWING NO.: FL-20461.9 |  | 4 7/21/20 UPDATE TO 7th ED (2020) FBC LFS  |  |                                                                                                                                                                                                           |  |
| SHEET 11 OF 13          |  | NO. DATE BY REVISIONS                      |  |                                                                                                                                                                                                           |  |

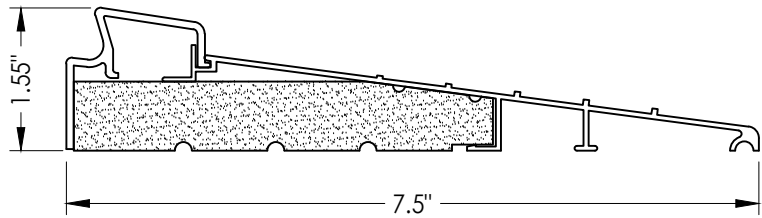
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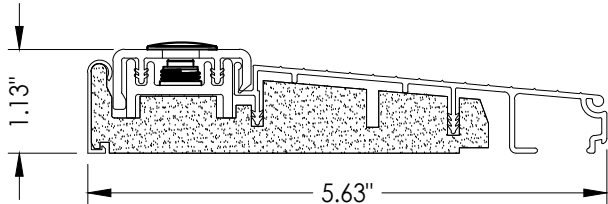
**33 INSWING THRESHOLD**  
Inswing Basic Fixed Sill



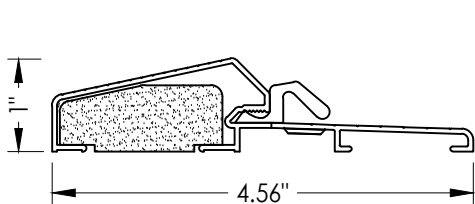
**36 INSWING THRESHOLD**  
Inswing Basic Fixed 5-3/4" Sill



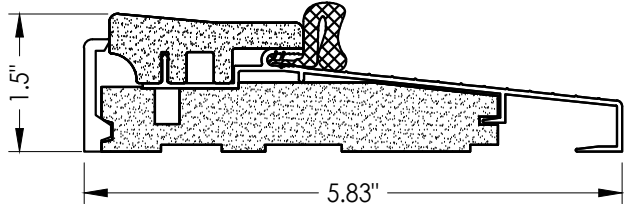
**37 INSWING THRESHOLD**  
Inswing Basic Fixed 7-1/2" Sill



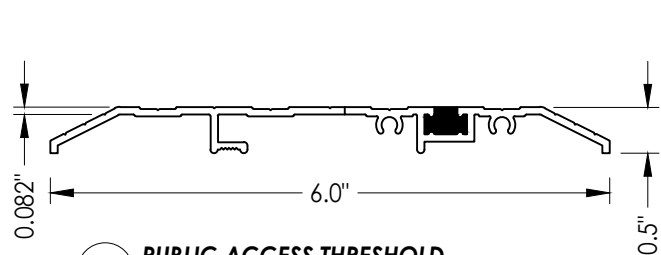
**39 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



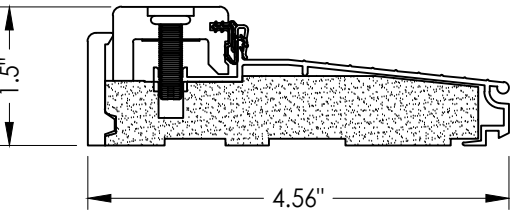
**17 OUTSWING THRESHOLD**  
Composite / Aluminum Sill



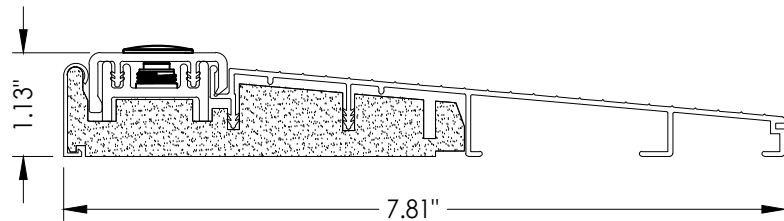
**16 OUTSWING THRESHOLD**  
Composite / Aluminum Sill



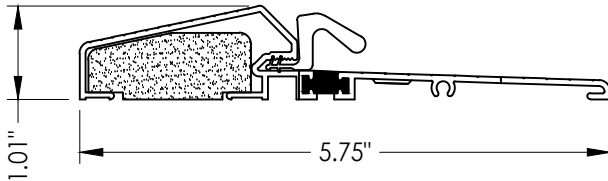
**15 PUBLIC ACCESS THRESHOLD**



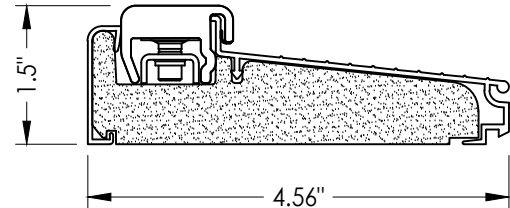
**38 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



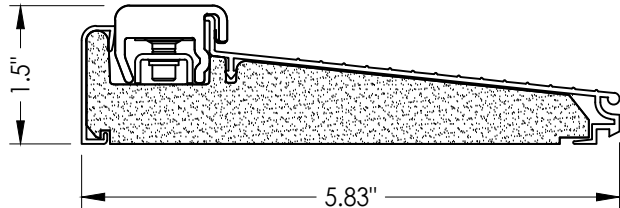
**32 INSWING THRESHOLD**  
Inswing Composite Adjustable 7-3/4" Sill



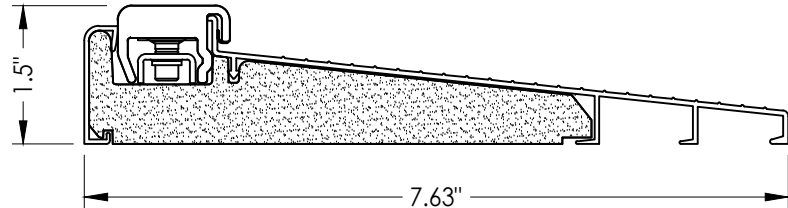
**18 OUTSWING THRESHOLD**  
Composite / Aluminum Sill  
(Thermal Break)



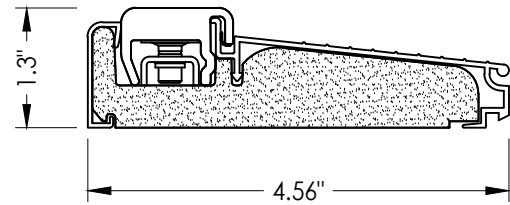
**46 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
Book, Hybrid



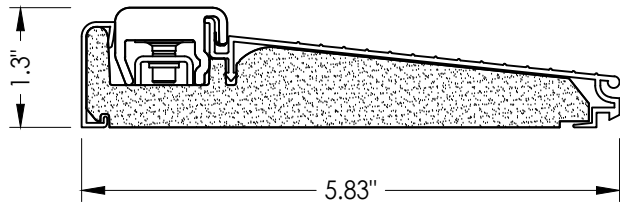
**47 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
Book, Hybrid



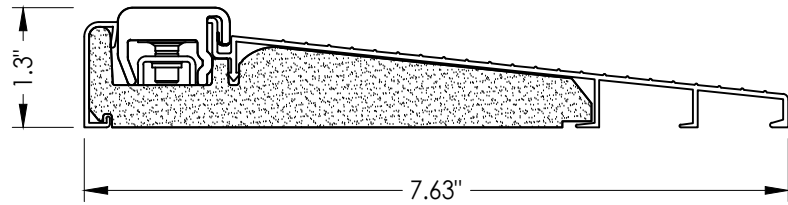
**48 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
Book, Hybrid



**49 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
U1



**50 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
U1



**51 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill  
U1

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

**R<sub>W</sub>** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 6   | 7/03/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 5   | 7/19/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 4   | 7/21/20 | UPDATE TO 7th ED. (2020) FBC LFS |

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20461.9

SHEET 12 OF 13

| BILL OF MATERIALS                                                                                                 |                                                                                                |           | BILL OF MATERIALS |                                               |           |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|-------------------|-----------------------------------------------|-----------|
| ITEM #                                                                                                            | DESCRIPTION                                                                                    | MATERIAL  | ITEM #            | DESCRIPTION                                   | MATERIAL  |
| A                                                                                                                 | 1X BUCK (SG >= 0.42)                                                                           | WOOD      | 25                | #8 x 2-1/2" PFH WOOD SCREW                    | STEEL     |
| B                                                                                                                 | 2X BUCK (SG >= 0.42)                                                                           | WOOD      | 26                | #8 x 5/8" PFH WOOD SCREW                      | STEEL     |
| C                                                                                                                 | 1/4" MAX. SHIM SPACE                                                                           | -         | 27                | LATCH STRIKE PLATE                            | STEEL     |
| D                                                                                                                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 28                | DEADBOLT STRIKE PLATE                         | STEEL     |
| E                                                                                                                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  | 28A               | DEADBOLT SUB STRIKE PLATE                     | STEEL     |
|                                                                                                                   |                                                                                                |           | 28B               | DEADBOLT STRIKE PLATE (SECURITY)              | STEEL     |
| G                                                                                                                 | 3/16" X 3-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 29                | 4" X 4" HINGE                                 | STEEL     |
| J                                                                                                                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 30                | LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM) | ALUM/COMP |
| L                                                                                                                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL     | 31                | MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)       | ALUM/COMP |
| M                                                                                                                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 32                | INSWING THRESHOLD                             | ALUM/COMP |
| N                                                                                                                 | 3/16" X 2-3/4" ITW CONCRETE SCREW                                                              | STEEL     | 33                | INSWING THRESHOLD                             | ALUM/COMP |
| 1                                                                                                                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      | 36                | INSWING THRESHOLD                             | ALUM/COMP |
| 6                                                                                                                 | WEATHERSTRIP (MEDIUM REACH)                                                                    | FOAM      | 37                | INSWING THRESHOLD                             | ALUM/COMP |
| 7                                                                                                                 | WEATHERSTRIP (LONG REACH)                                                                      | FOAM      | 38                | INSWING THRESHOLD                             | ALUM/COMP |
| 8                                                                                                                 | SWEEP                                                                                          | VINYL     | 39                | INSWING THRESHOLD                             | ALUM/COMP |
| 9                                                                                                                 | SWEEP (USE w/ INSWING BASIC FIXED SILL)                                                        | VINYL     | 40                | DOOR PANEL (BOOK)                             | -         |
| 10                                                                                                                | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)                                                         | VINYL     | 41                | DOOR PANEL (HYBRID)                           | -         |
| 15                                                                                                                | ADA THRESHOLD                                                                                  | ALUM      | 42                | DOOR PANEL (U1)                               | -         |
| 16                                                                                                                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 43                | FLUSH GLAZED DOOR PANEL (BOOK)                | -         |
| 17                                                                                                                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 44                | FLUSH GLAZED DOOR PANEL (HYBRID)              | -         |
| 18                                                                                                                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 45                | FLUSH GLAZED DOOR PANEL (U1)                  | -         |
| 22                                                                                                                | #8 x 3/4" PFH WOOD SCREW                                                                       | STEEL     | 46                | INSWING THRESHOLD                             | ALUM/COMP |
| 23                                                                                                                | #10 x 3/4" PFH WOOD SCREW                                                                      | STEEL     | 47                | INSWING THRESHOLD                             | ALUM/COMP |
| 24                                                                                                                | #10 x 1" PFH WOOD SCREW                                                                        | STEEL     | 48                | INSWING THRESHOLD                             | ALUM/COMP |
| <u>CONCRETE ANCHOR NOTES:</u><br>1. Concrete anchor locations at the corners may be adjusted to maintain the min. |                                                                                                |           | 49                | INSWING THRESHOLD                             | ALUM/COMP |
|                                                                                                                   |                                                                                                |           | 50                | INSWING THRESHOLD                             | ALUM/COMP |
|                                                                                                                   |                                                                                                |           | 51                | INSWING THRESHOLD                             | ALUM/COMP |
|                                                                                                                   |                                                                                                |           |                   |                                               |           |

CONCRETE ANCHOR NOTES:

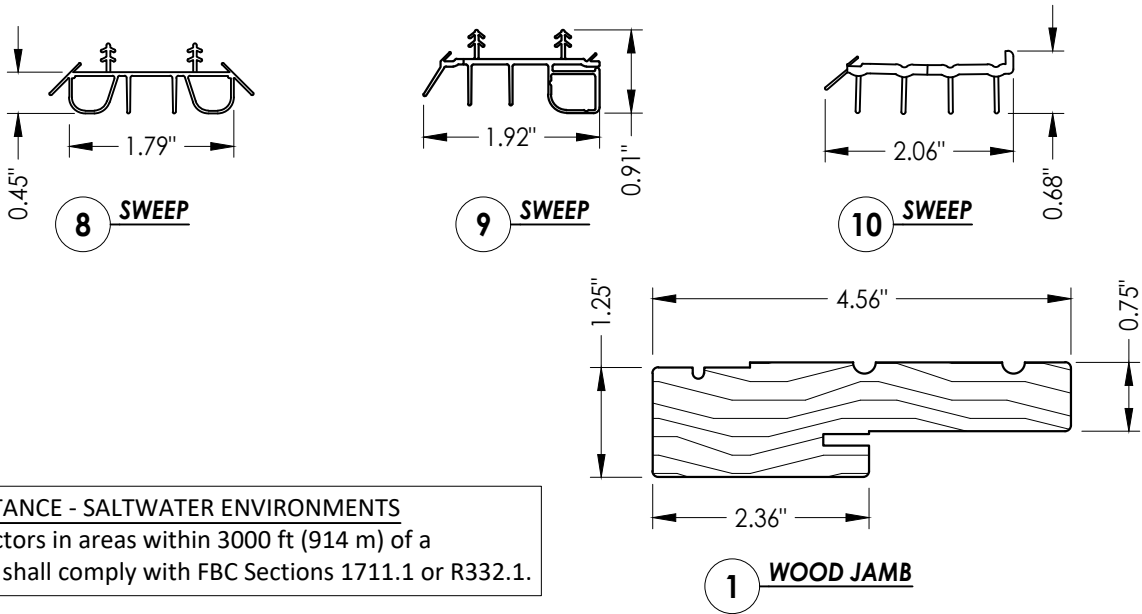
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. 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 ULTRACON® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |
| ITW TAPCON®      | 3/16"       | 1-1/4"         | AS SHOWN                       | 1-1/2"                            |

### WOOD SCREW INSTALLATION NOTES:

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

**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.



|                                                               |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                |         |                          |     |     |  |  |  |  |  |
|---------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|-----|-----|--|--|--|--|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |  |  |  |  |  |  |  |  | <div><div><div>R<sup>W</sup></div><div>BUILDING CONSULTANTS, INC.<br/>P.O. Box 230, Valrico, FL 33595<br/>Phone No.: 813.659.9197<br/>FBPE Registry No. 9813</div></div></div> |         |                          |     |     |  |  |  |  |  |
| PRODUCT:                                                      |  |  |  |  |  |  |  |  |  | THERMA-TRU<br>FIBERGLASS DOOR                                                                                                                                                  |         |                          |     |     |  |  |  |  |  |
| PART OR ASSEMBLY:                                             |  |  |  |  |  |  |  |  |  | COMPONENTS &<br>BILL OF MATERIALS                                                                                                                                              |         |                          |     |     |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  | 6                                                                                                                                                                              | 7/03/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  | 5                                                                                                                                                                              | 7/19/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  | 4                                                                                                                                                                              | 7/21/20 | UPDATE TO 7th ED (2020)  | FBC | LFS |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  | NO.                                                                                                                                                                            | DATE    |                          |     | BY  |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  | REVISIONS                                                                                                                                                                      |         |                          |     |     |  |  |  |  |  |
| DATE:                                                         |  |  |  |  |  |  |  |  |  | 6/1/16                                                                                                                                                                         |         |                          |     |     |  |  |  |  |  |
| SCALE:                                                        |  |  |  |  |  |  |  |  |  | N.T.S.                                                                                                                                                                         |         |                          |     |     |  |  |  |  |  |
| DWG. BY:                                                      |  |  |  |  |  |  |  |  |  | JK                                                                                                                                                                             |         |                          |     |     |  |  |  |  |  |
| CHK. BY:                                                      |  |  |  |  |  |  |  |  |  | LFS                                                                                                                                                                            |         |                          |     |     |  |  |  |  |  |
| DRAWING NO.:                                                  |  |  |  |  |  |  |  |  |  | FL-20461.9                                                                                                                                                                     |         |                          |     |     |  |  |  |  |  |
| SHEET                                                         |  |  |  |  |  |  |  |  |  | 13                                                                                                                                                                             |         | OF                       |     | 13  |  |  |  |  |  |