



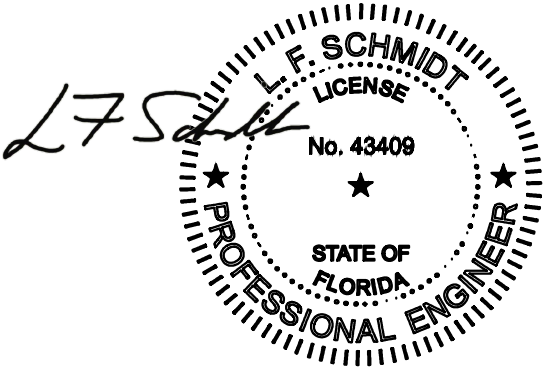
Fiber-Classic® & Smooth-Star®

COMPOSITE EDGE  
OPAQUE FIBERGLASS DOUBLE DOOR  
INSWING/OUTSWING  
"IMPACT" DOOR w/ "NON-IMPACT" SIDELITES

GENERAL NOTES

1. This product evaluation drawing has been developed in compliance with the 9th Edition (2026) Florida Building Code (FBC) including 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 the "HVHZ" this product complies with FBC Section 1626 and does not require an impact resistant covering. The non-impact sidelite(s) must be protected with an impact resistant covering complying with FBC Section 1626.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996. The non-impact sidelite(s) must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using Coastal Sill (item #19) & Composite Sill (item #16) under active doors and all sills used under sidelites meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
8. Fiber-Classic & Smooth-Star Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

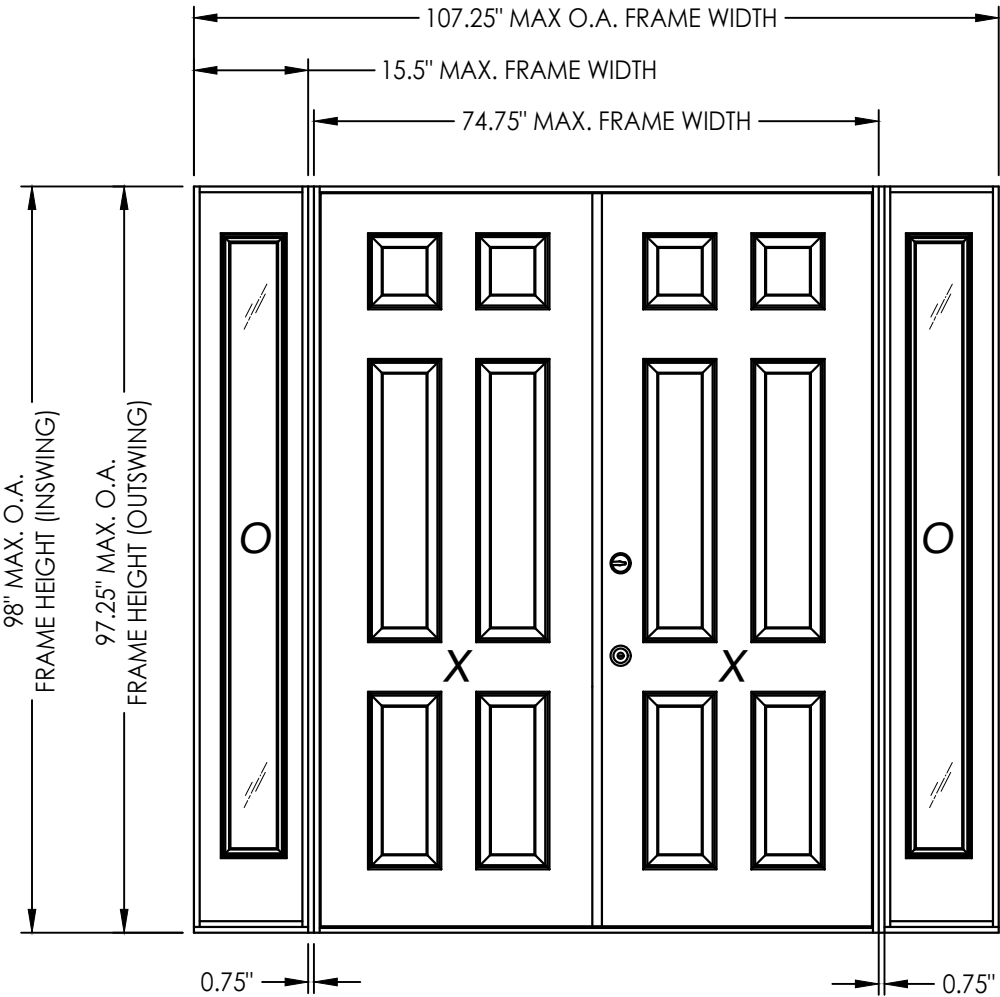
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| 7                 | Horizontal & Vertical Cross Sections (Direct to Masonry) |         |                                      |



Digitally signed by Lyndon F Schmidt  
Date: 2026.08.06 11:25:47 -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 | DESIGN PRESSURE (PSF)<br>INSWING |          | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|---------------|----------------------------------|----------|-----------------------------------|----------|
|               | POSITIVE                         | NEGATIVE | POSITIVE                          | NEGATIVE |
| OXXO          | +65.0                            | -65.0    | +65.0                             | -65.0    |

See Sheet 4 for Hardware Specifications

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

THERMA TRU  
FIBERGLASS DOOR

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

|   |         |                          |     |     |
|---|---------|--------------------------|-----|-----|
| 4 | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
| 3 | 7/25/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| 2 | 7/22/20 | UPDATE TO 7th ED (2020)  | FBC | LFS |
| 1 | 7/14/17 | UPDATE TO 6TH ED. (2017) | FBC | JK  |
|   | NO.     | DATE                     |     | BY  |

REVISIONS

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

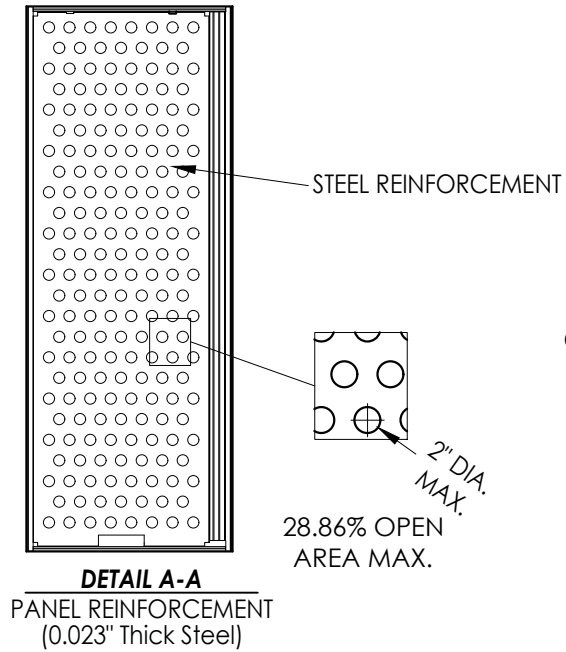
DRAWING NO.: FL-20470.16

SHEET 1 OF 13

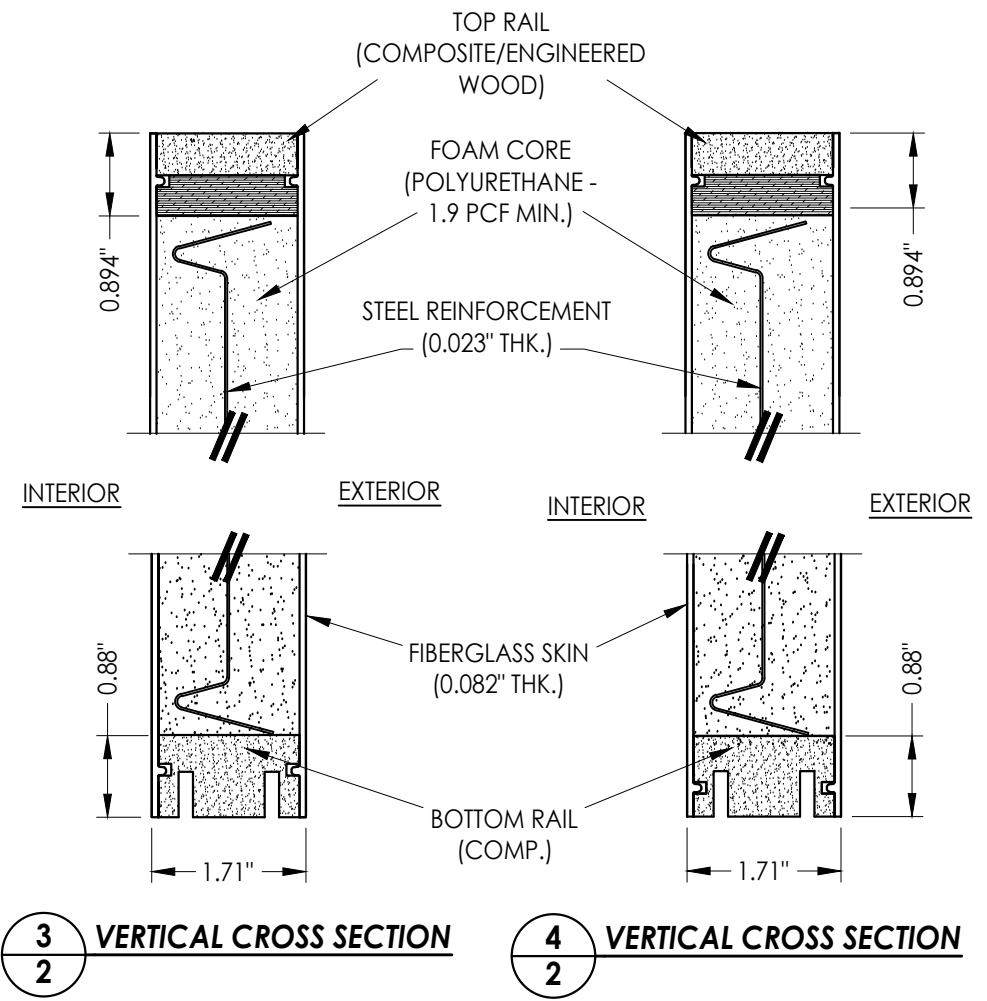
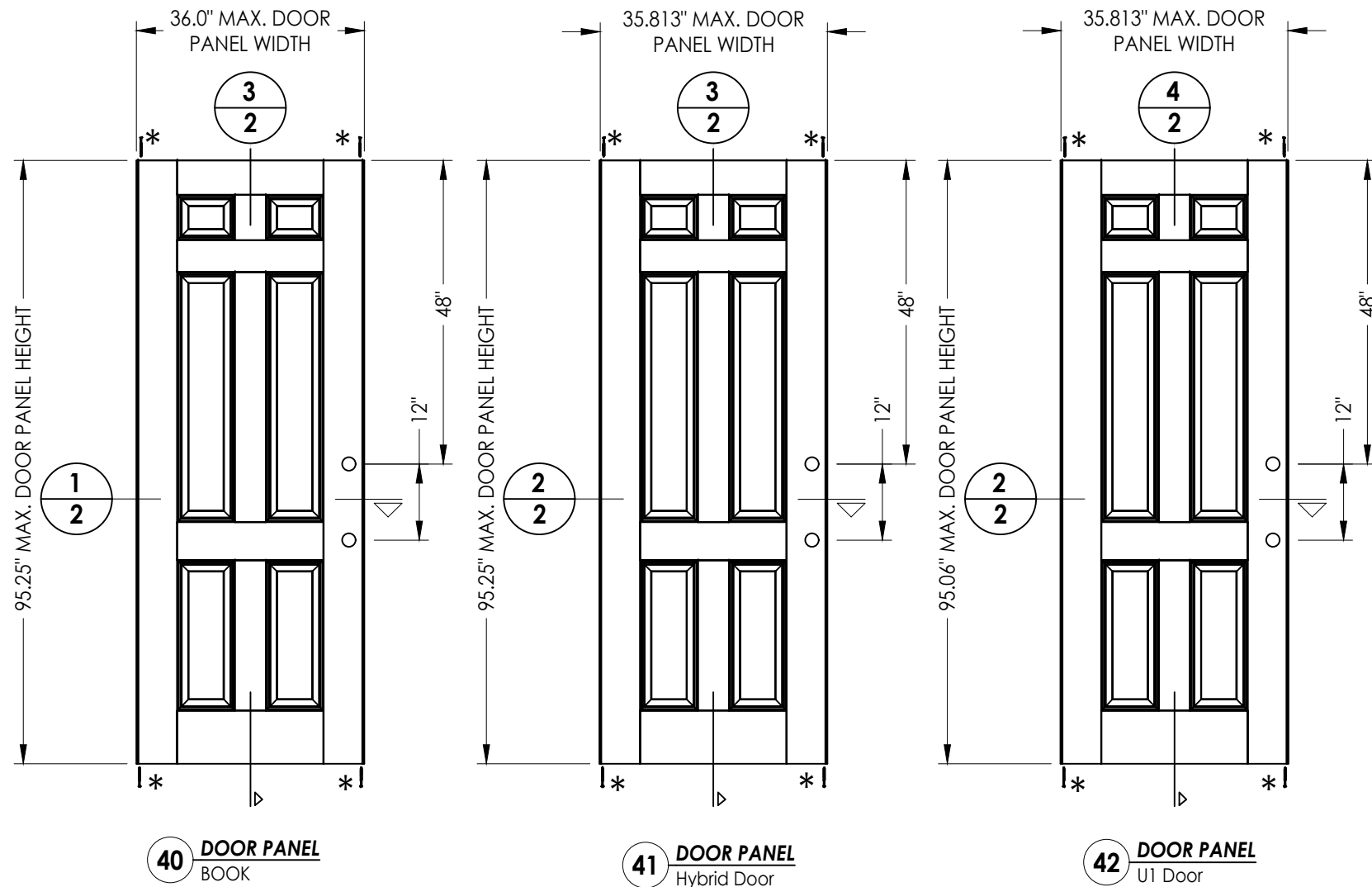
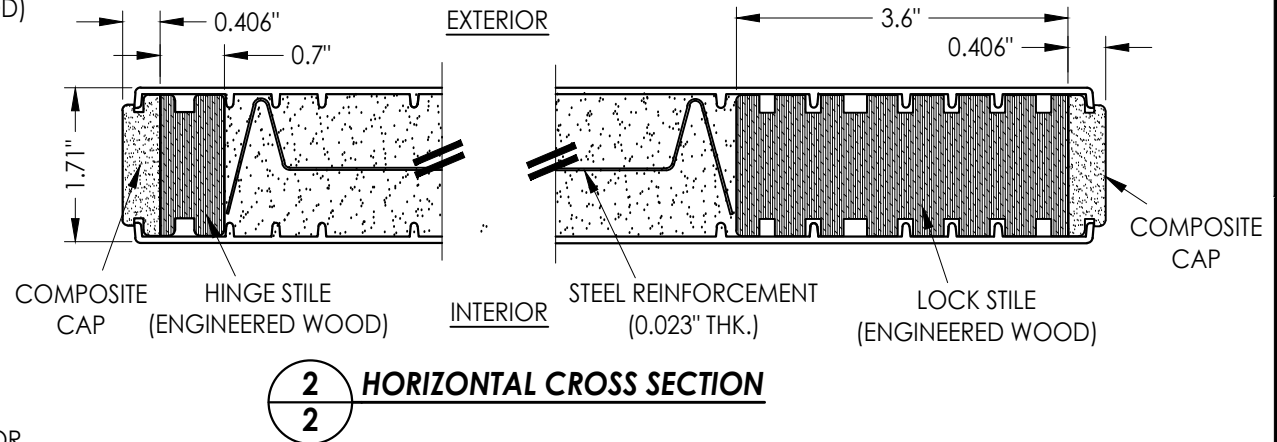
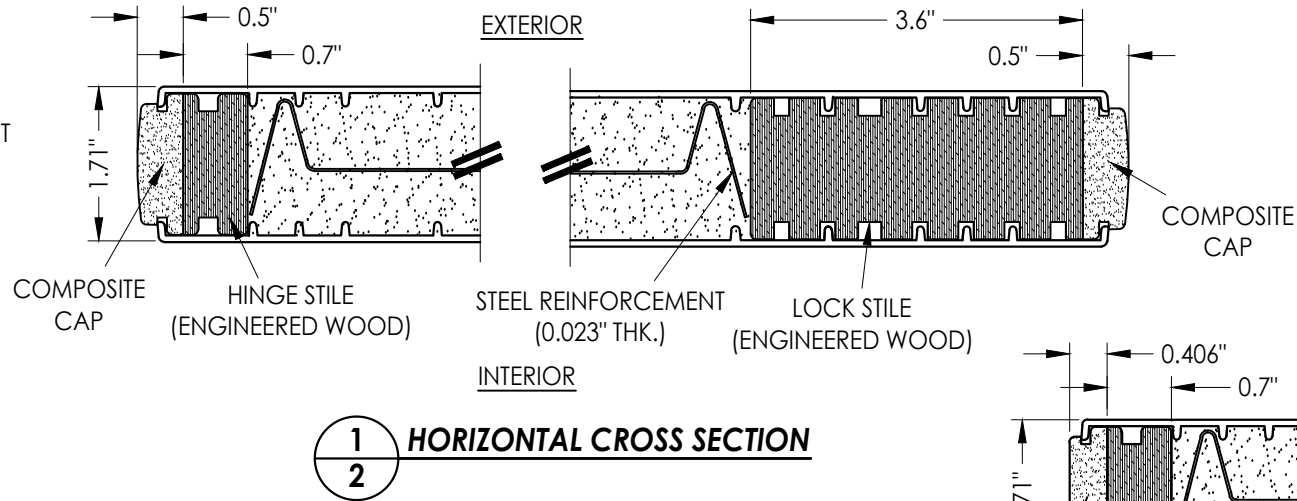
Building Consultants, Inc.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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\*#8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)



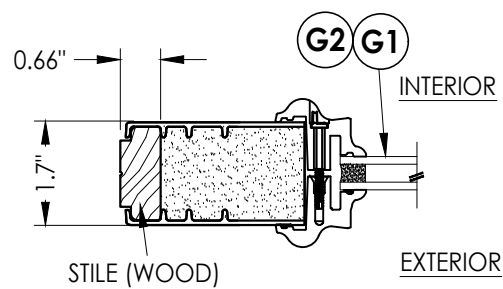
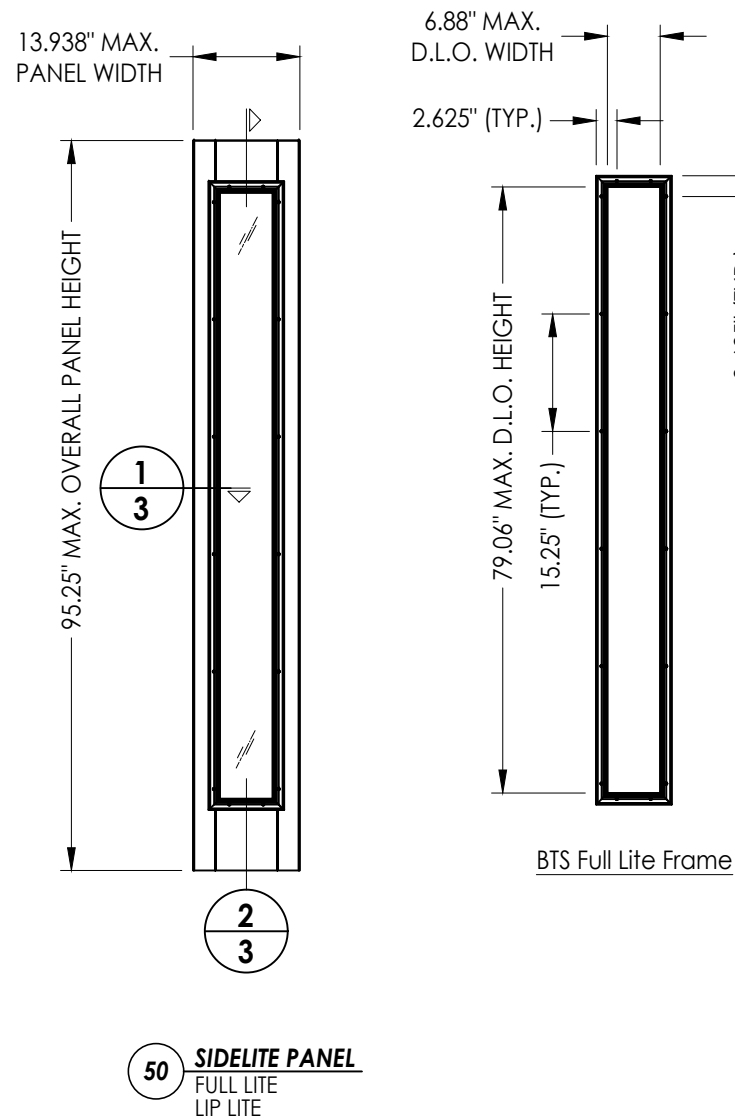
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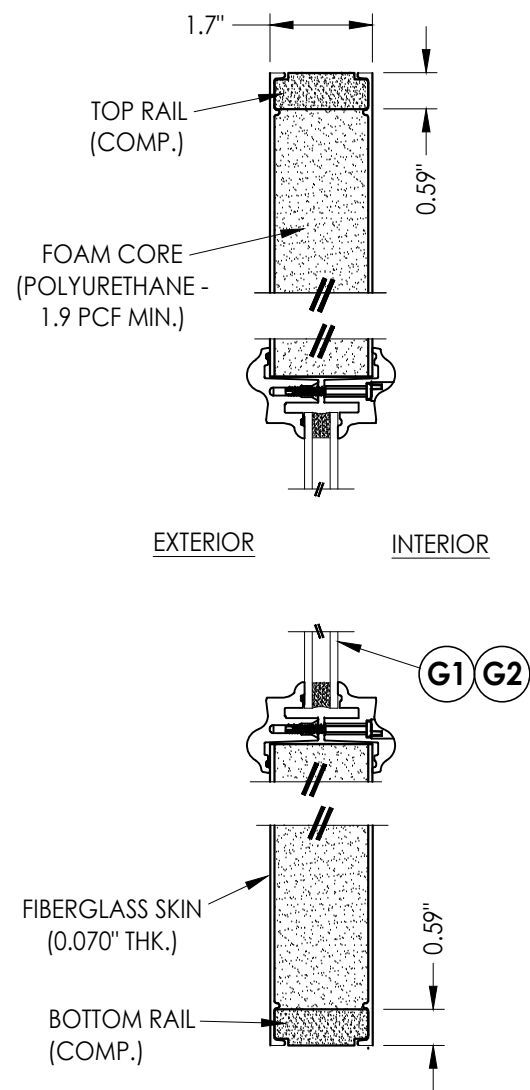
PRODUCT:  
THERMA TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

| NO.                      | DATE    | REVISIONS |     |                          |             |
|--------------------------|---------|-----------|-----|--------------------------|-------------|
|                          |         | BY        | CHK | DATE                     | DESCRIPTION |
| 4                        | 7/02/26 | LFS       | FBC | UPDATE TO 9TH ED. (2026) |             |
| 3                        | 7/25/23 | LFS       | FBC | UPDATE TO 8TH ED. (2023) |             |
| 2                        | 7/22/20 | LFS       | FBC | UPDATE TO 7TH ED. (2020) |             |
| 1                        | 7/14/17 | JK        | FBC | UPDATE TO 6TH ED. (2017) |             |
| DATE: 8/10/16            |         |           |     |                          |             |
| SCALE: N.T.S.            |         |           |     |                          |             |
| DWG. BY: JK              |         |           |     |                          |             |
| CHK. BY: LFS             |         |           |     |                          |             |
| DRAWING NO.: FL-20470.16 |         |           |     |                          |             |
| SHEET 2 OF 13            |         |           |     |                          |             |



### 1 3 **HORIZONTAL CROSS SECTION** Lip Lite Glazing



## 2 VERTICAL CROSS SECTION

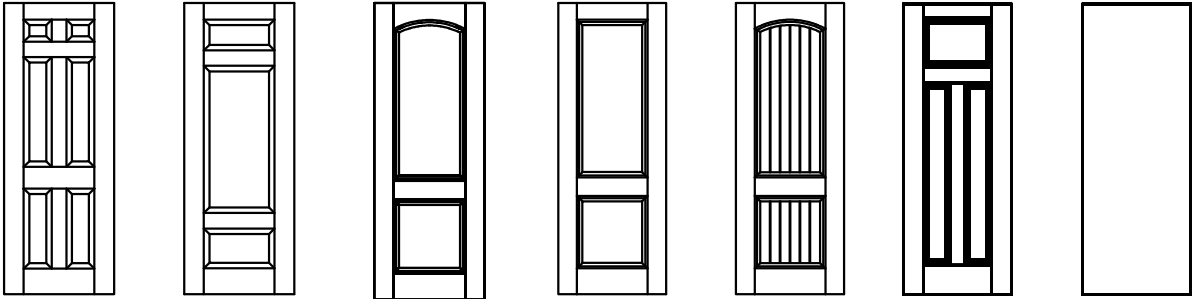
### 3 Lip Life Glazing

[illegible]

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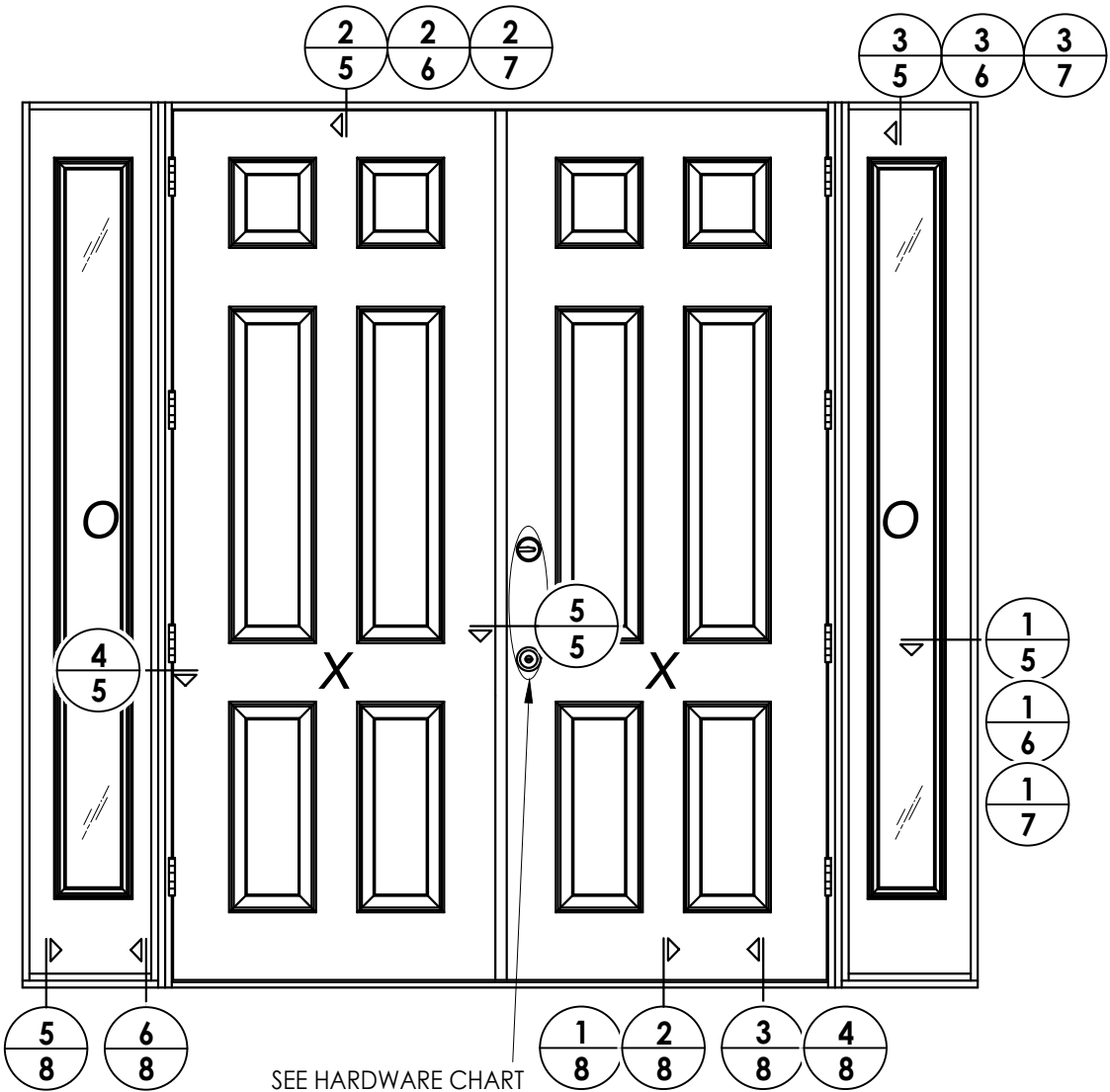
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Fiber-Classic/Smooth-Star Door Panel Options

Panel options shown are for illustration and are representative only  
(similar opaque panel configurations are allowed)



| HARDWARE TABLE        |                                  |
|-----------------------|----------------------------------|
| MANUFACTURER          | MODEL                            |
| SCHLAGE               | Knob: F51                        |
|                       | Deadbolt: B60                    |
| KWIKSET               | Knob: SIGNATURE SERIES           |
|                       | Deadbolt: SIGNATURE SERIES (980) |
| HOPPE<br>(THERMA-TRU) | MULTIPOINT : MPDGART             |
|                       | (3 pt. Manual Tongue)            |

| REVISIONS |         |
|-----------|---------|
| NO.       | DATE    |
| 4         | 7/02/26 |
| 3         | 7/25/23 |
| 2         | 7/22/20 |
| 1         | 7/14/17 |

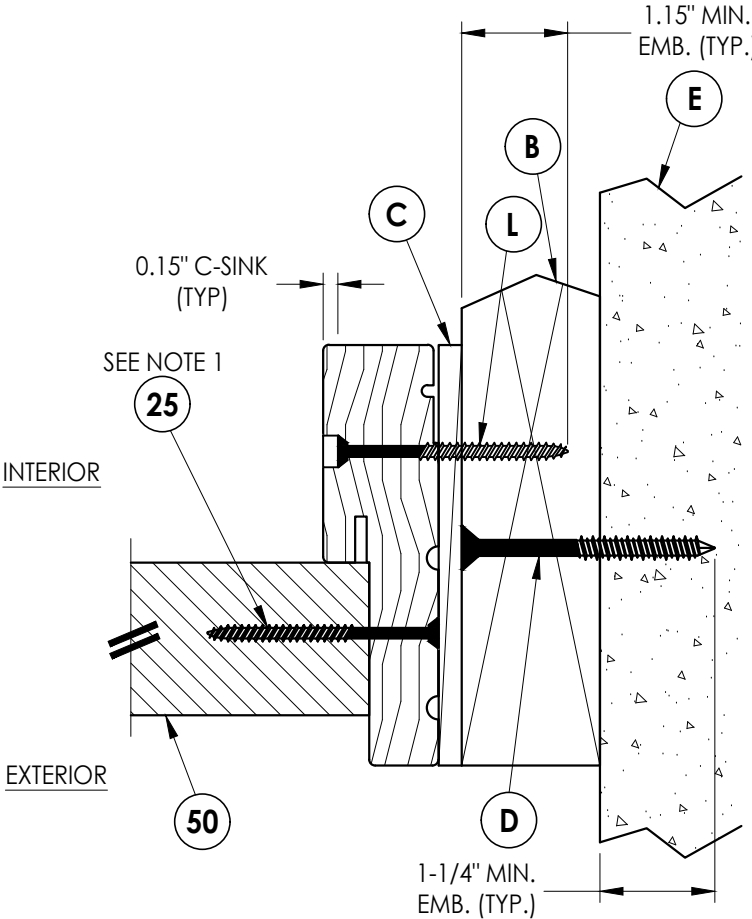
|                                 |  |
|---------------------------------|--|
| THERMA TRU<br>FIBERGLASS DOOR   |  |
| PART OR ASSEMBLY:<br>ELEVATIONS |  |

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P.E. No. 43409

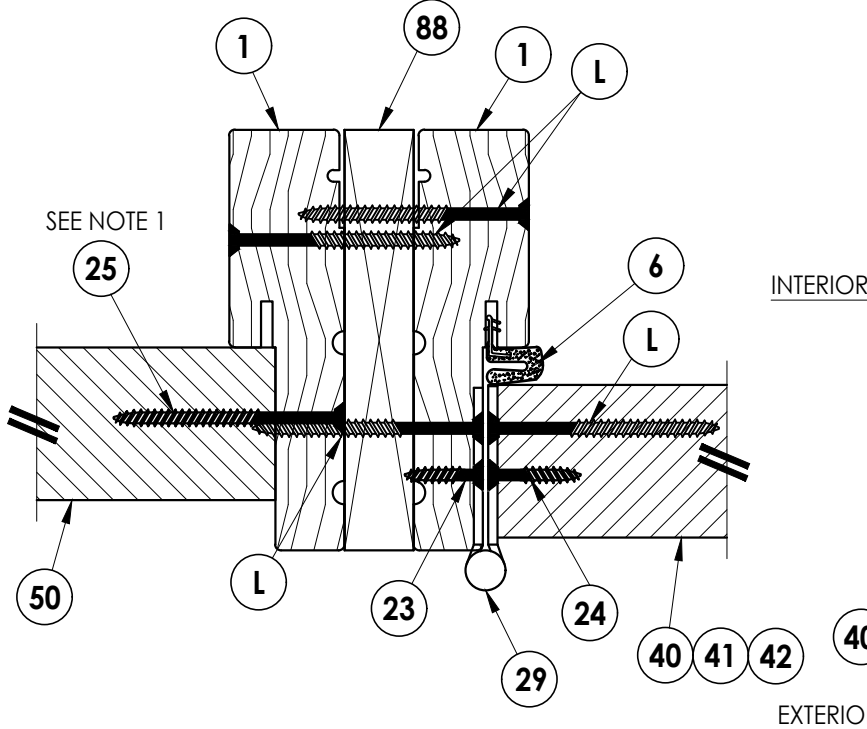
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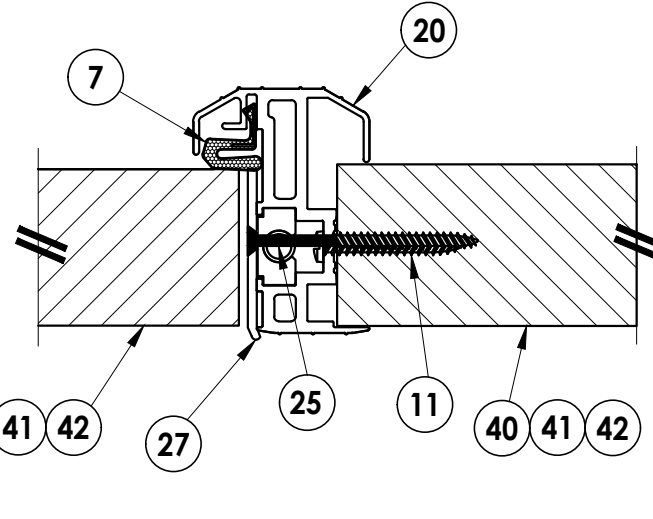
DATE: 8/10/16  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-20470.16  
SHEET 4 OF 13



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



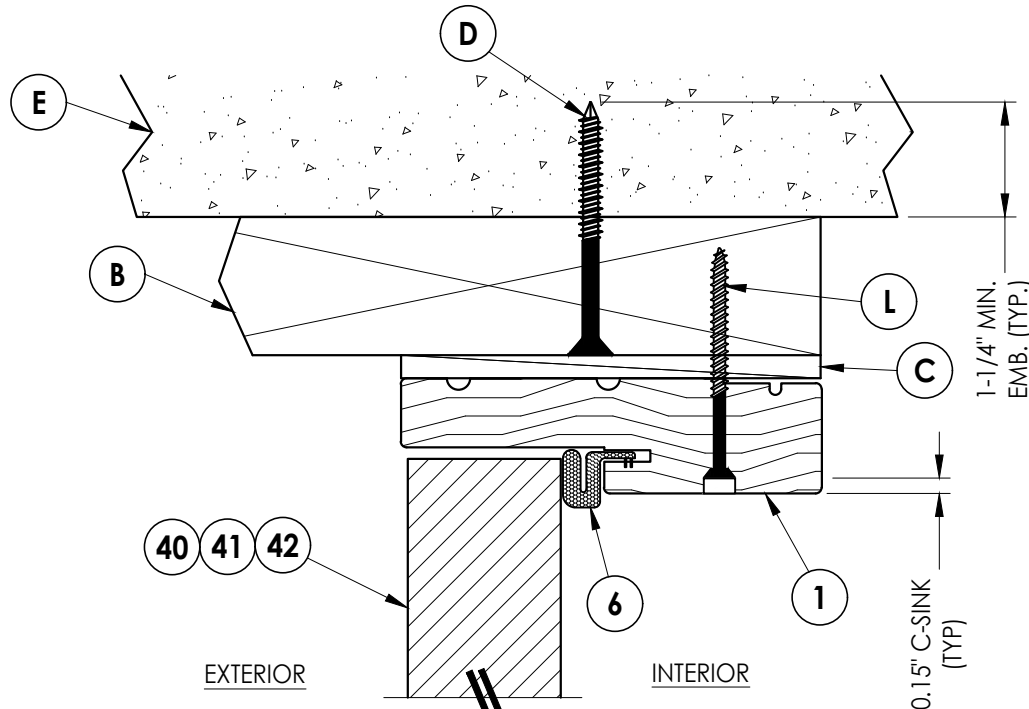
**4 HORIZONTAL CROSS SECTION**  
**5** Outswing shown (Inswing similar)



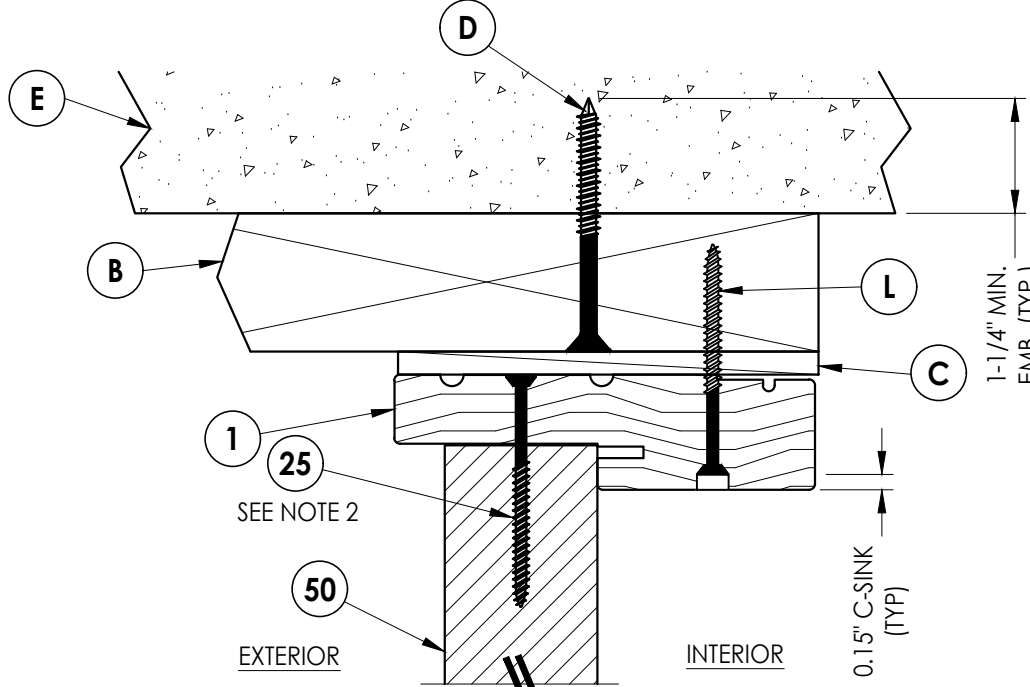
**5 HORIZONTAL CROSS SECTION**  
**5** Outswing shown (Inswing similar)

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

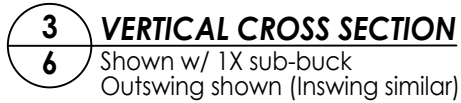
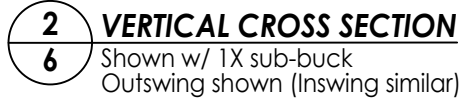
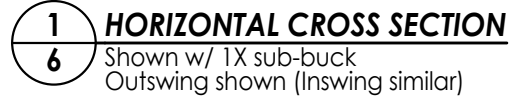
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| PRODUCT:                      | PART OR ASSEMBLY:                                 |
|-------------------------------|---------------------------------------------------|
| THERMA TRU<br>FIBERGLASS DOOR | HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X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

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1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



|                                 |  |  |    |         |                   |        |     |           |
|---------------------------------|--|--|----|---------|-------------------|--------|-----|-----------|
|                                 |  |  |    |         |                   |        |     | LFS       |
|                                 |  |  |    |         |                   |        |     | LFS       |
|                                 |  |  | 4  | 7/02/26 | UPDATE TO 9TH ED. | (2026) | FBC | LFS       |
|                                 |  |  | 3  | 7/25/23 | UPDATE TO 8TH ED. | (2023) | FBC | LFS       |
|                                 |  |  | 2  | 7/22/20 | UPDATE TO 7th ED  | (2020) | FBC | LFS       |
|                                 |  |  | 1  | 7/14/17 | UPDATE TO 6TH ED. | (2017) | FBC | JK        |
|                                 |  |  | NO | DATE    |                   |        |     | BY        |
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| <b>DATE:</b> 8/10/16            |  |  |    |         |                   |        |     |           |
| <b>SCALE:</b> N.T.S.            |  |  |    |         |                   |        |     |           |
| <b>DWG. BY:</b> JK              |  |  |    |         |                   |        |     |           |
| <b>CHK. BY:</b> LFS             |  |  |    |         |                   |        |     |           |
| <b>DRAWING NO.: FL-20470.16</b> |  |  |    |         |                   |        |     |           |
| <b>SHEET 6 OF 13</b>            |  |  |    |         |                   |        |     |           |

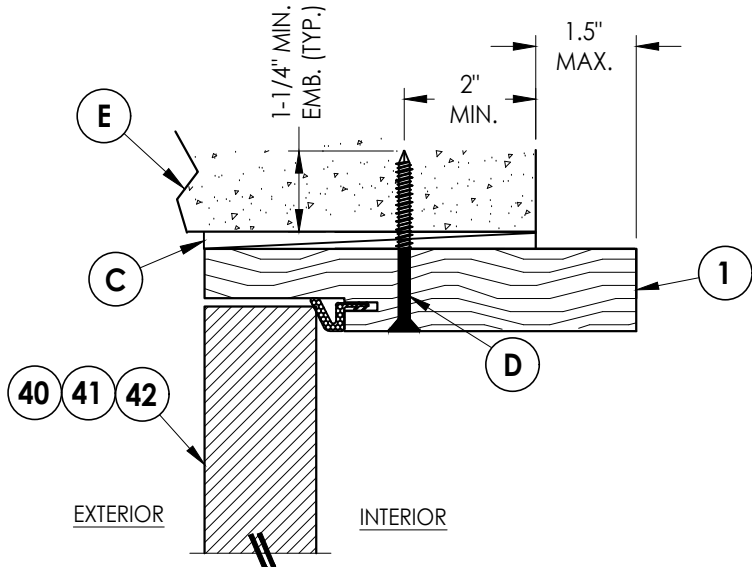
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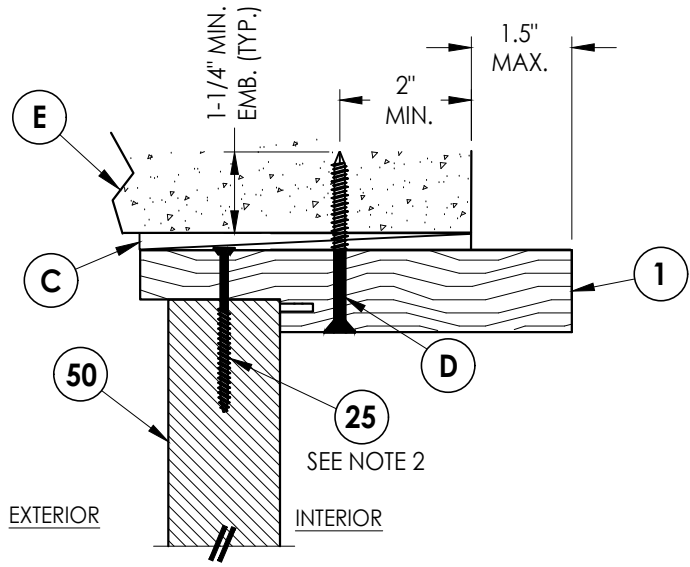
**PART OR ASSEMBLY:**  
**HORIZONTAL & VERTICAL**  
**CROSS SECTIONS (1X BUCK)**

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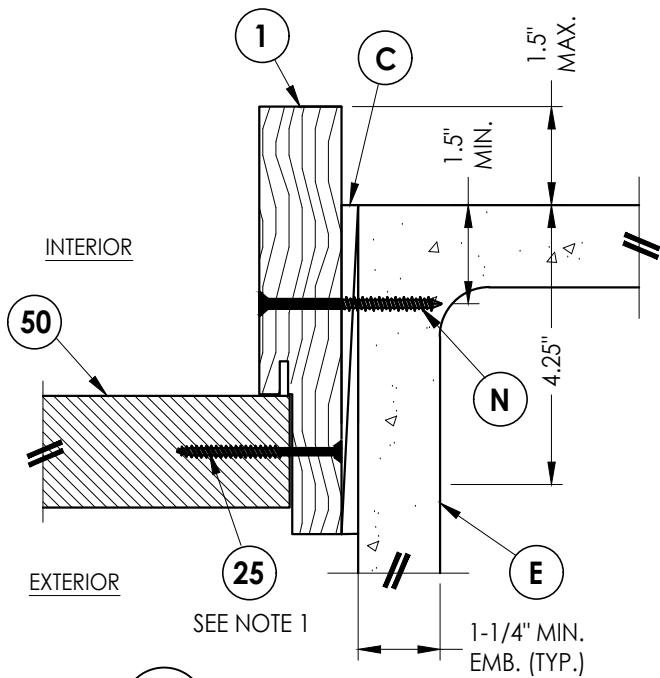
**2**  
**7** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



**3**  
**7** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



**1**  
**7** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

|                   |  |                                                       |  |
|-------------------|--|-------------------------------------------------------|--|
| PRODUCT:          |  | THERMA-TRU<br>FIBERGLASS DOOR                         |  |
| PART OR ASSEMBLY: |  | HORIZONTAL & VERTICAL<br>SECTIONS (DIRECT TO MASONRY) |  |

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| 3   | 7/25/23 | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |

|              |             |
|--------------|-------------|
| DATE:        | 8/10/16     |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-20470.16 |
| SHEET        | 7 OF 13     |

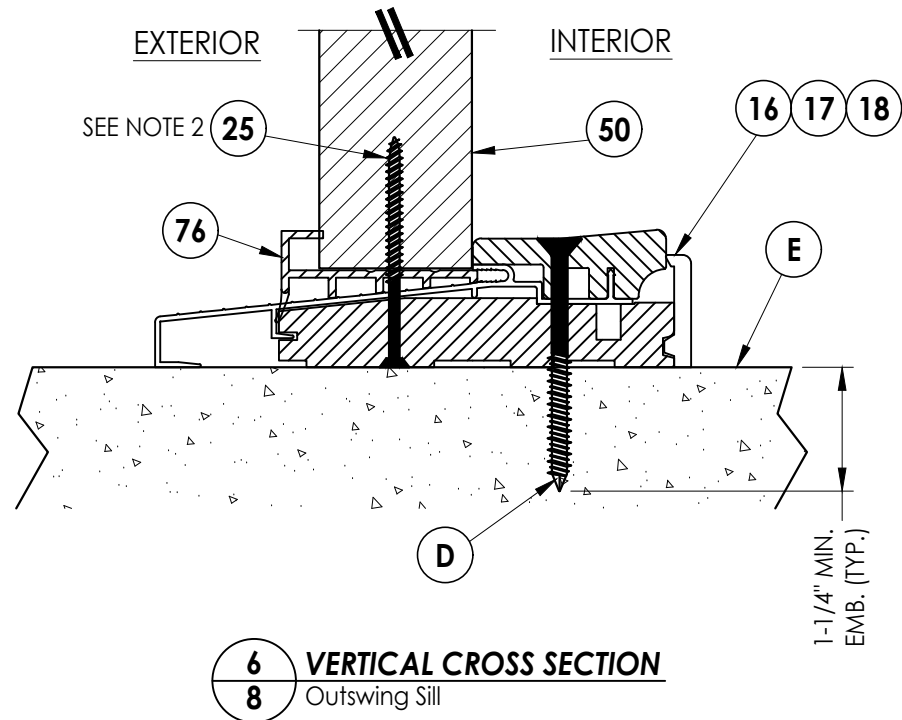
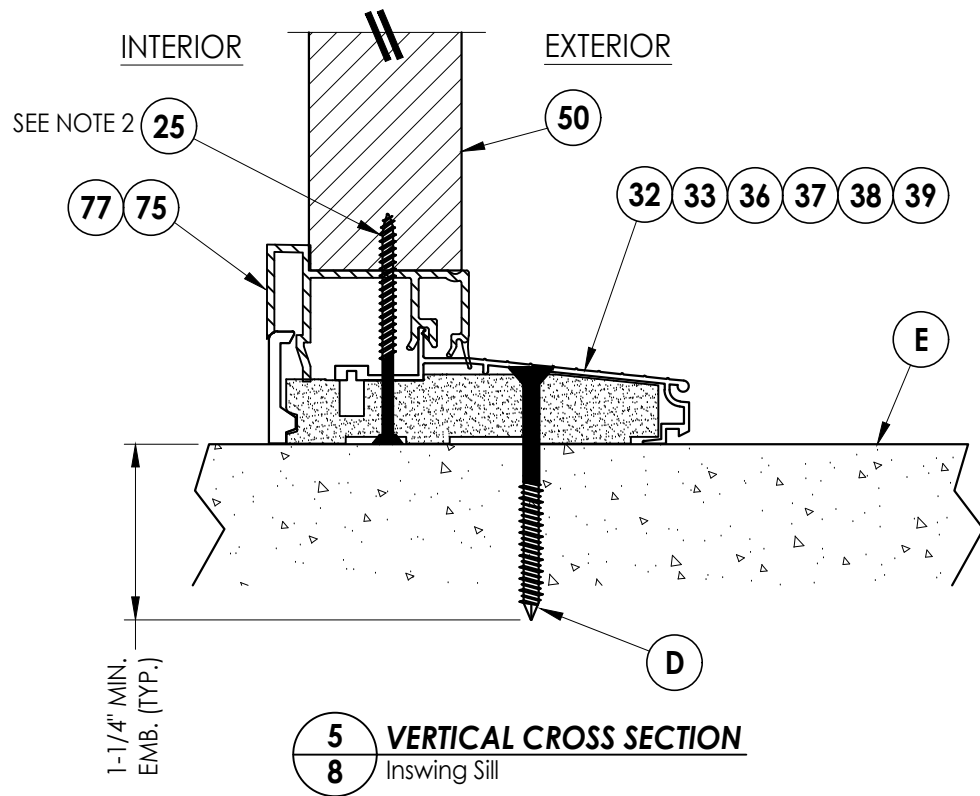
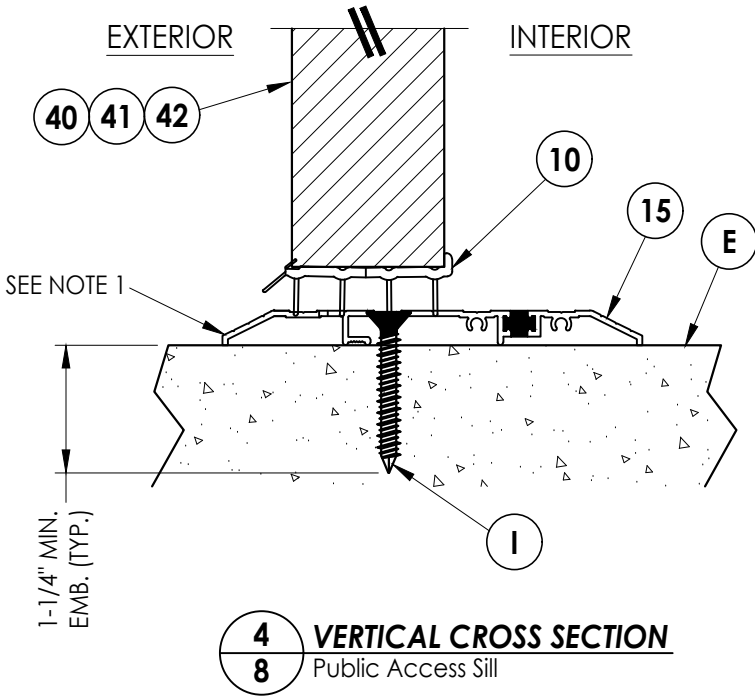
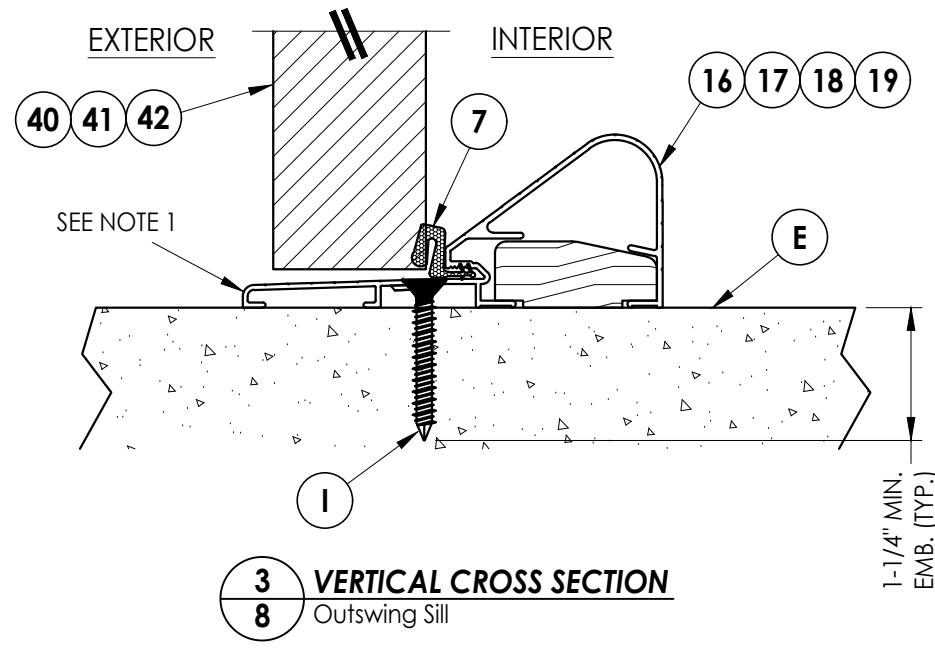
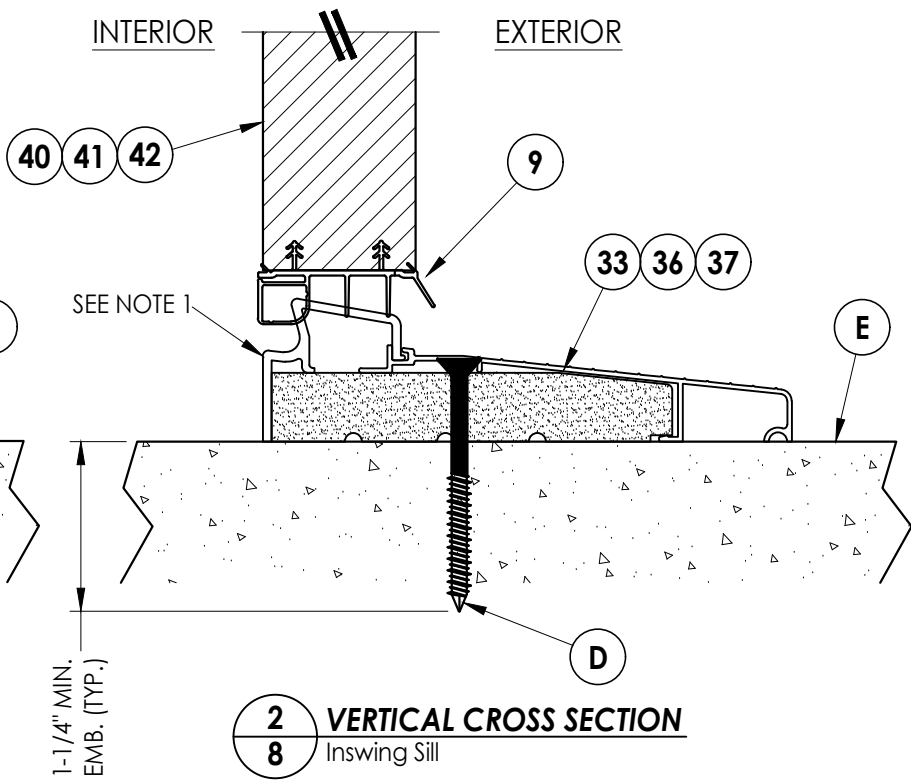
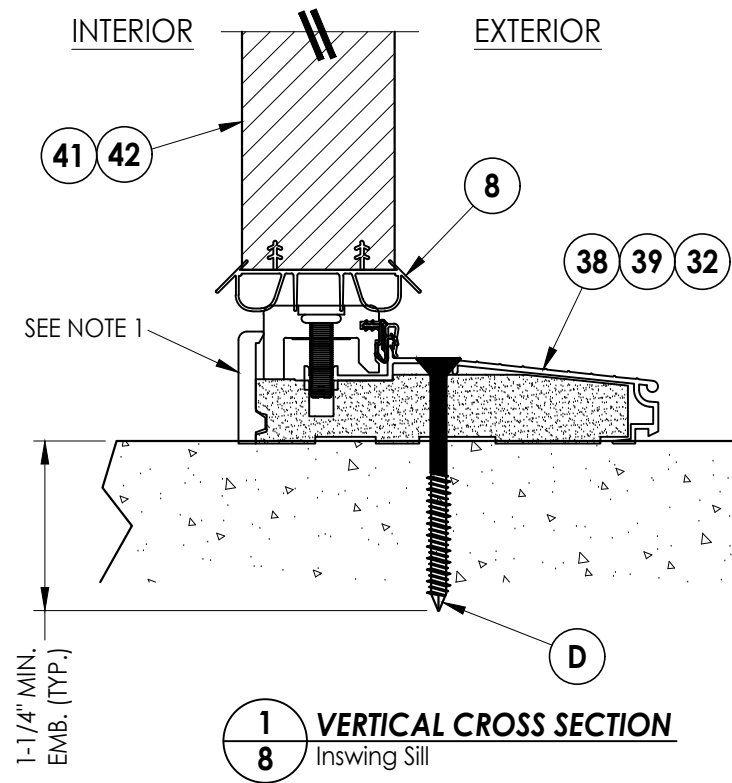
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Notes:

1. Sill Item #'s 16, 32, 33, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.  
Sill Item #'s 17, 18 & 19 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 at each end.  
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along sill).



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P.E. No. 43409

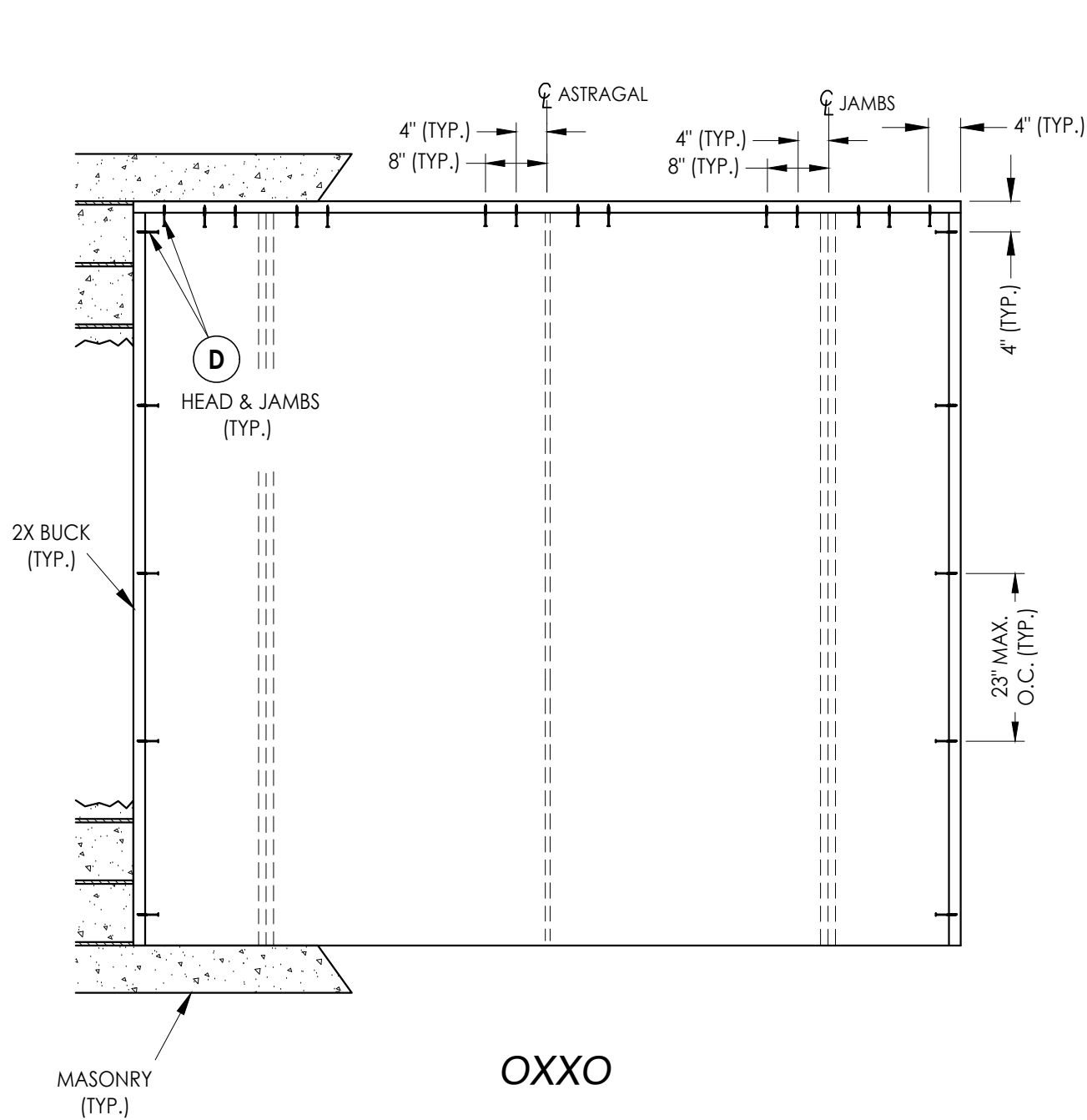
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PRODUCT:  
THERMA TRU  
FIBERGLASS DOOR  
PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

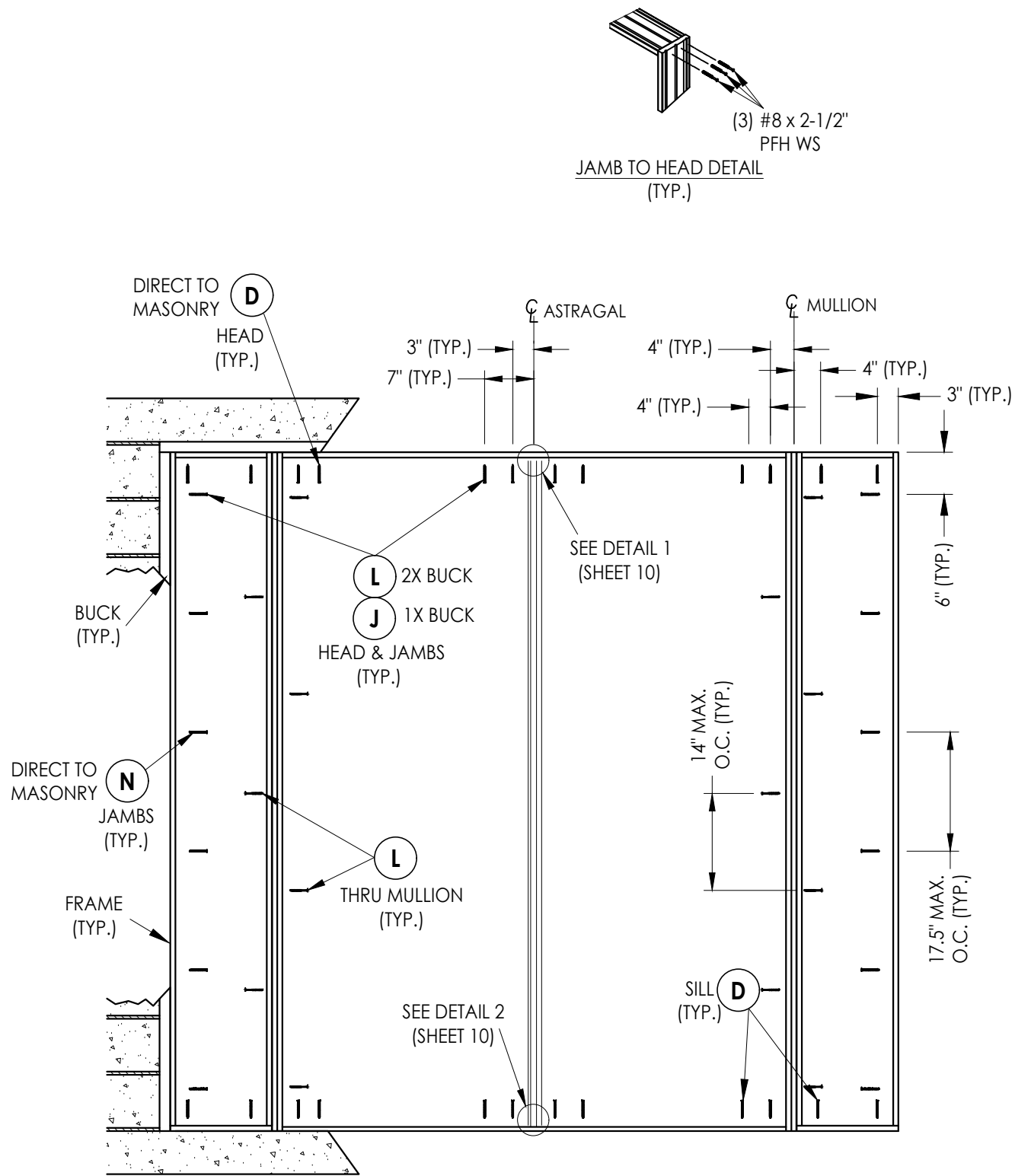
| NO. | DATE    | REVISIONS         |        |     |     |
|-----|---------|-------------------|--------|-----|-----|
|     |         | BY                | JK     | LFS | FBC |
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| 3   | 7/25/23 | UPDATE TO 8TH ED. | (2023) | FBC | LFS |
| 2   | 7/22/20 | UPDATE TO 7th ED  | (2020) | FBC | LFS |
| 1   | 7/14/17 | UPDATE TO 6TH ED. | (2017) | FBC | JK  |

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DRAWING NO.:  
FL-20470.16  
SHEET 8 OF 13

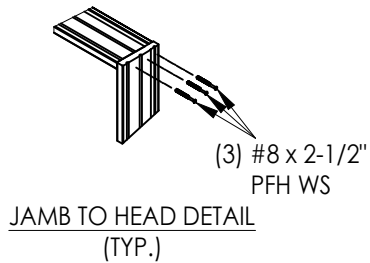
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**2X BUCK ANCHORING**



**FRAME ANCHORING**



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| 3   | 7/25/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 7/22/20 | UPDATE TO 7th ED (2020) FBC LFS  |
| 1   | 7/14/17 | UPDATE TO 6TH ED. (2017) FBC JK  |

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20470.16

SHEET 9 OF 13

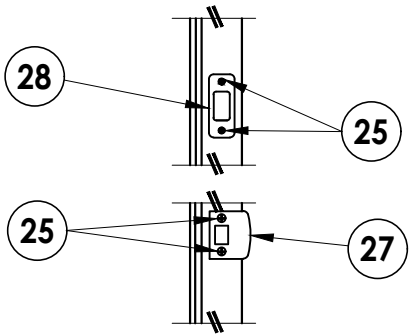
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT: THERMA TRU  
FIBERGLASS DOOR

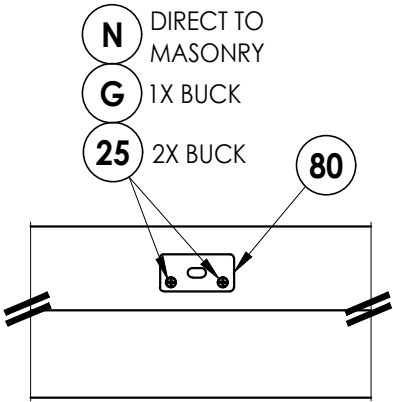
PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING

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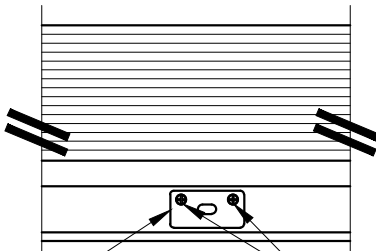
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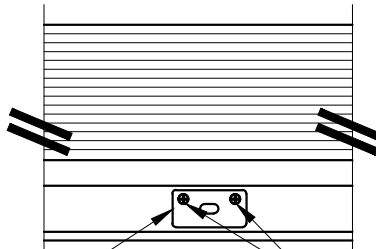
**LATCH & DEADBOLT DETAIL**  
Schlage / Kwikset



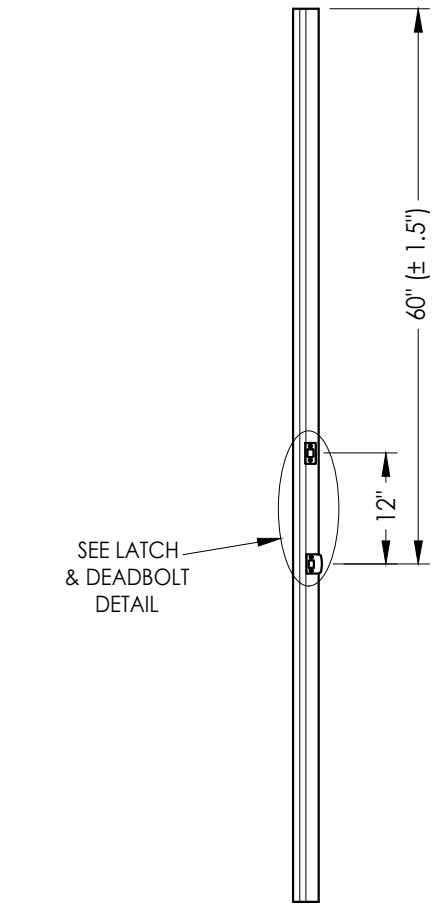
**DETAIL 1**  
Astragal Strike Plate @ Head



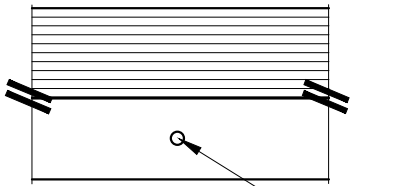
**DETAIL 2**  
Inswing  
Coastal Astragal Strike Plate @ Sill



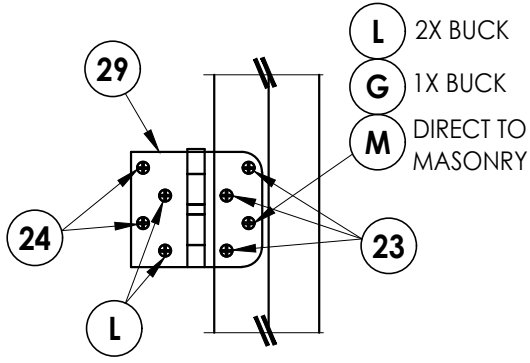
**DETAIL 2**  
Inswing  
Coastal Astragal Strike Plate @ Sill



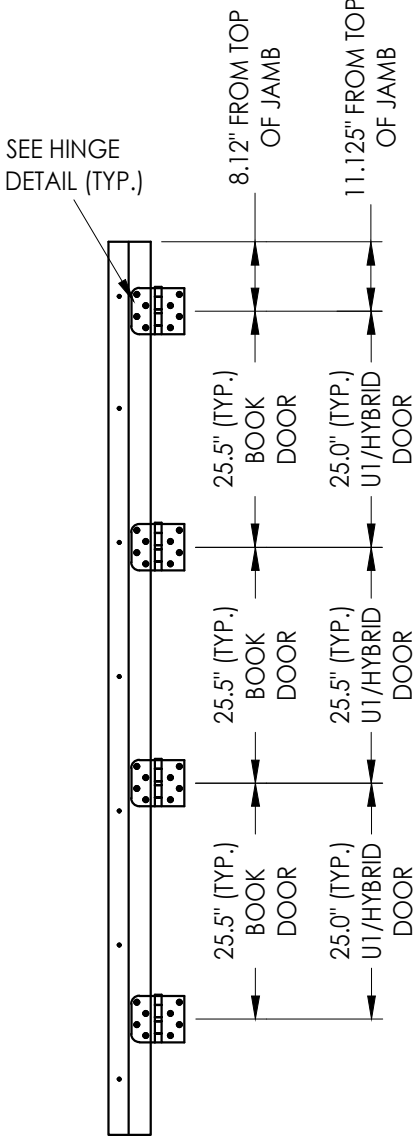
**STRIKE JAMB**  
Latch and Deadbolt



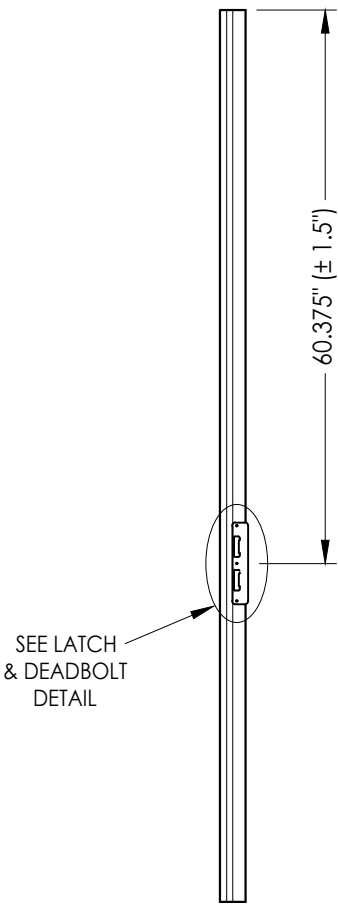
**DETAIL 2**  
Outswing  
Astragal Bolt Hole @ Sill



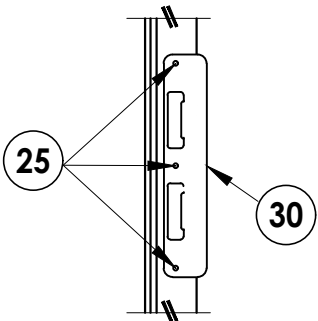
**HINGE DETAIL**



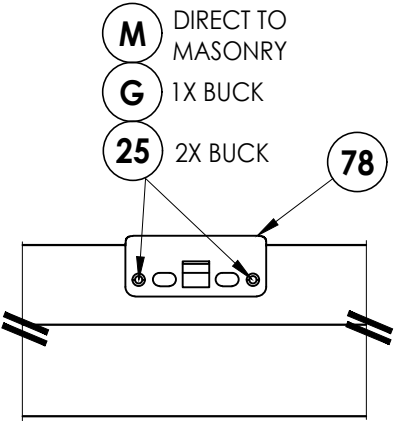
**HINGE JAMB**



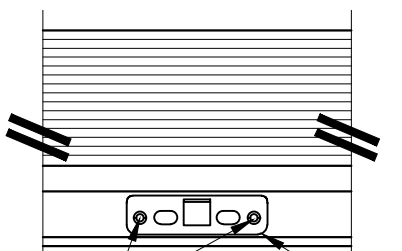
**STRIKE JAMB**  
Multipoint Lock



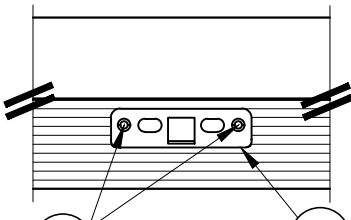
**LATCH & DEADBOLT DETAIL**  
Multipoint Lock



**DETAIL 1**  
Multipoint Lock Strike Plate @ Head



**DETAIL 2**  
Inswing  
Multipoint Lock Strike Plate @ Sill

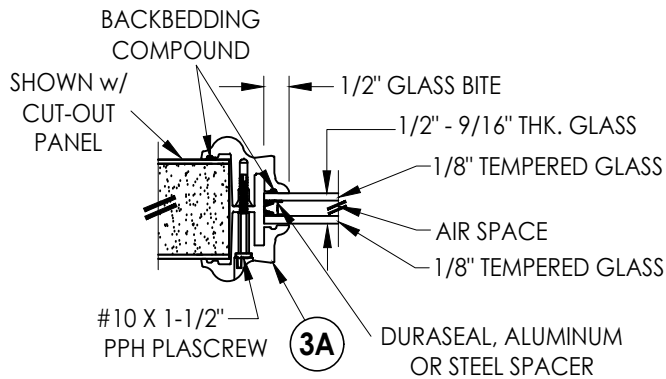


**DETAIL 2**  
Outswing  
Multipoint Lock Strike Plate @ Sill

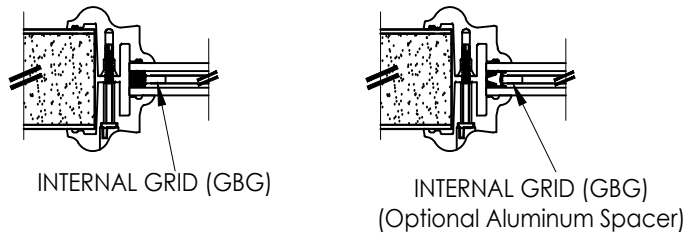
**MULTIPOINT LOCK STRIKE DETAILS**

|                                                               |         |                                                                                                                    |         |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|---------|
| 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:<br>THERMA TRU<br>FIBERGLASS DOOR                     |         | PART OR ASSEMBLY:<br>HARDWARE DETAILS                                                                              |         |
|                                                               |         | REVISIONS                                                                                                          |         |
|                                                               |         | NO.                                                                                                                | DATE    |
| 4                                                             | 7/02/26 | UPDATE TO 9TH ED. (2026)                                                                                           | FBC LFS |
| 3                                                             | 7/25/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 2                                                             | 7/22/20 | UPDATE TO 7th ED (2020)                                                                                            | FBC LFS |
| 1                                                             | 7/14/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC JK  |
| DATE: 8/10/16                                                 |         |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |         |
| DWG. BY: JK                                                   |         |                                                                                                                    |         |
| CHK. BY: LFS                                                  |         |                                                                                                                    |         |
| DRAWING NO.: FL-20470.16                                      |         |                                                                                                                    |         |
| SHEET 10 OF 13                                                |         |                                                                                                                    |         |

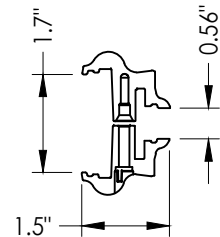
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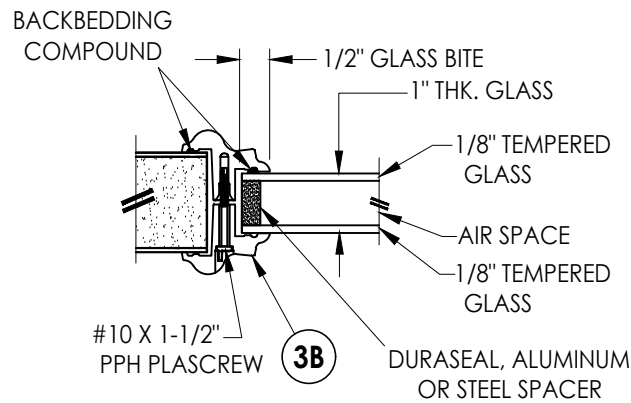
**G1 GLAZING DETAIL**  
BTS Lite Frame  
Sidelites



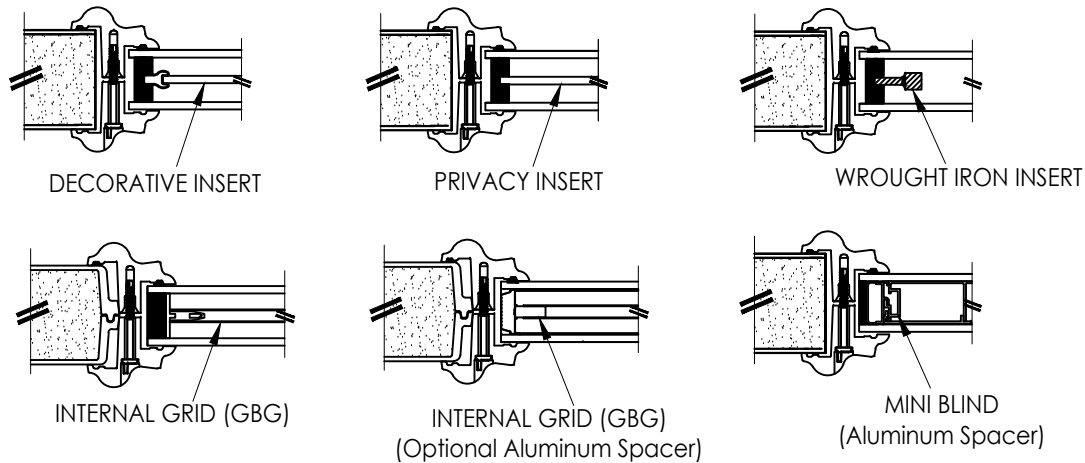
9/16" INSULATED GLASS INSERT OPTIONS



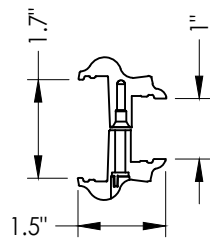
**3A BTS LITE FRAME**  
1/2" & 9/16" Glazing



**G2 GLAZING DETAIL**  
BTS Lite Frame  
Sidelites



1" INSULATED GLASS INSERT OPTIONS



**3B BTS LITE FRAME**  
1" Glazing

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

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
GLAZING DETAILS

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 4   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 3   | 7/25/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 7/22/20 | UPDATE TO 7th ED (2020) FBC LFS  |
| 1   | 7/14/17 | UPDATE TO 6TH ED. (2017) FBC JK  |

DATE: 8/10/16

SCALE: N.T.S.

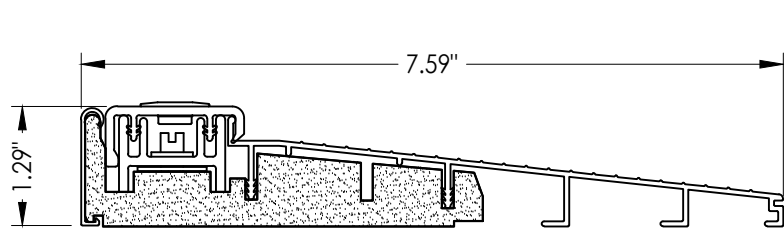
DWG. BY: JK

CHK. BY: LFS

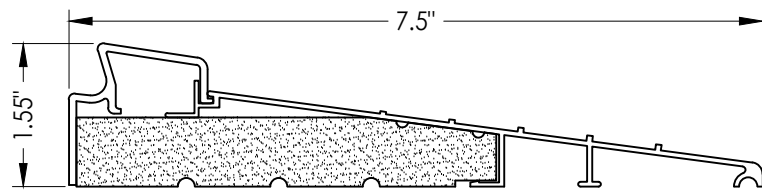
DRAWING NO.:  
FL-20470.16

SHEET 11 OF 13

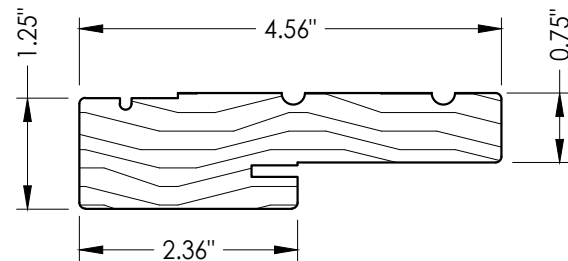
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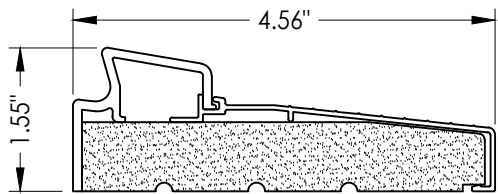
**32 INSWING THRESHOLD**  
Inswing Basic Composite Adjustable Sill 7-1/2"



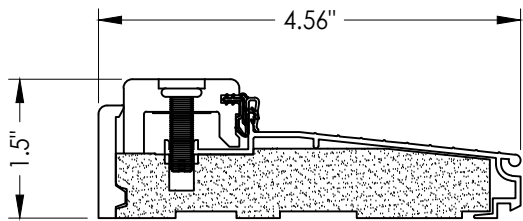
**37 INSWING THRESHOLD**  
Inswing Basic Fixed 7-1/2" Sill



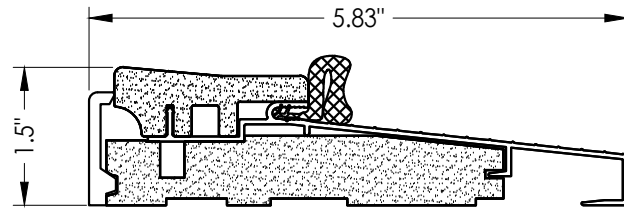
**1 WOOD JAMB**



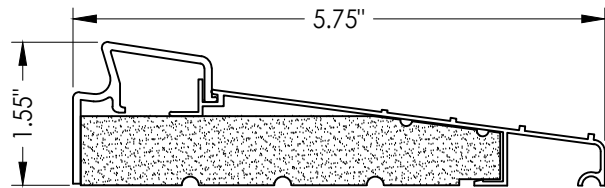
**33 INSWING THRESHOLD**  
Inswing Basic Fixed Sill



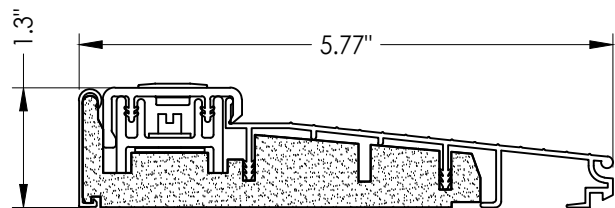
**38 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



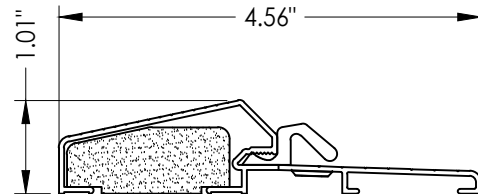
**16 OUTSWING THRESHOLD**  
Composite Sill



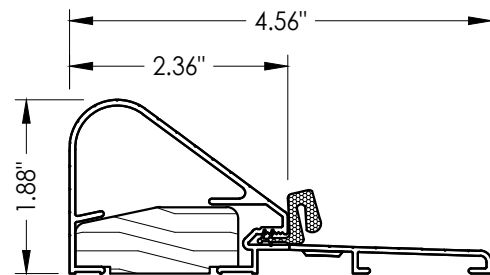
**36 INSWING THRESHOLD**  
Inswing Basic Fixed 5-3/4" Sill



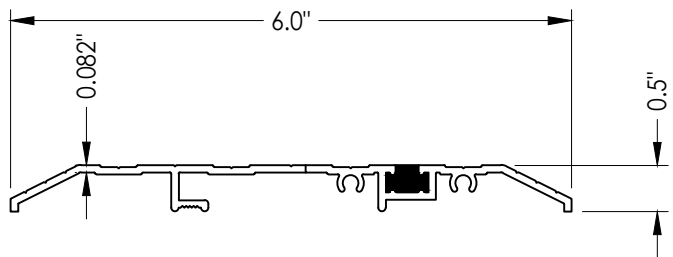
**39 INSWING THRESHOLD**  
Inswing Basic Composite Adjustable Sill



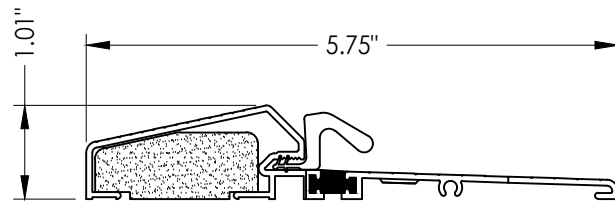
**17 OUTSWING THRESHOLD**  
Composite / Aluminum Sill



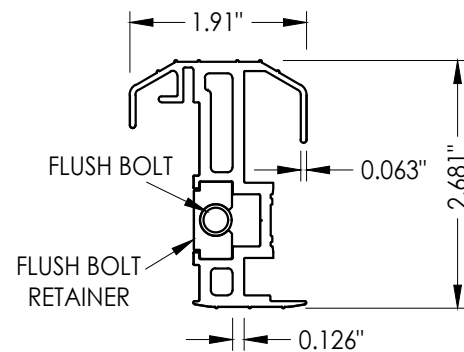
**19 COASTAL OUTSWING THRESHOLD**  
Wood / Aluminum Sill



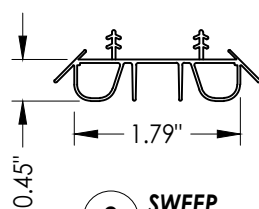
**15 PUBLIC ACCESS THRESHOLD**



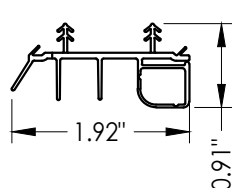
**18 OUTSWING THRESHOLD**  
Composite / Aluminum Sill  
(Thermal Break)



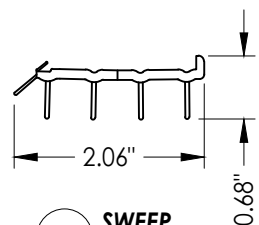
**20 COASTAL ALUMINUM ASTRAGAL**



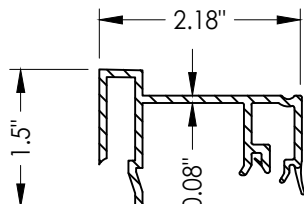
**8 SWEEP**



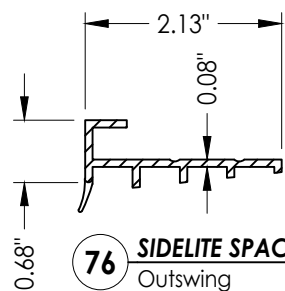
**9 SWEEP**



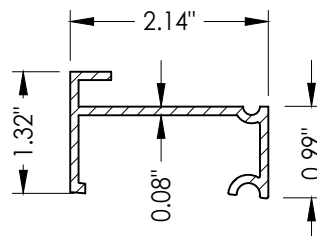
**10 SWEEP**



**75 SIDELITE SPACER**  
Inswing



**76 SIDELITE SPACER**  
Outswing



**77 SIDELITE SPACER**  
Inswing  
Moderate Climate Threshold

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

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

PRODUCT:  
THERMA TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

| NO. | DATE    | REVISIONS                |     |     |     |
|-----|---------|--------------------------|-----|-----|-----|
|     |         | DATE                     | BY  | JK  | LFS |
| 4   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |     |
| 3   | 7/25/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |     |
| 2   | 7/22/20 | UPDATE TO 7th ED (2020)  | FBC | LFS |     |
| 1   | 7/14/17 | UPDATE TO 6TH ED. (2017) | FBC | JK  |     |

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.16

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   | 29                | 4" X 4" HINGE                                     | STEEL     |
| F                 | #10 X 2" PFH WOOD SCREW                                                                        | STEEL      | 32                | INSWING THRESHOLD                                 | ALUM/COMP |
| G                 | 3/16" X 3-1/4" ITW CONCRETE SCREW                                                              | STEEL      | 33                | INSWING THRESHOLD                                 | ALUM/COMP |
| I                 | 1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL      | 36                | INSWING THRESHOLD                                 | ALUM/COMP |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL      | 37                | INSWING THRESHOLD                                 | ALUM/COMP |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL      | 38                | INSWING THRESHOLD                                 | ALUM/COMP |
| M                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL      | 39                | INSWING THRESHOLD                                 | ALUM/COMP |
| 1                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD       | 40                | DOOR PANEL (BOOK)                                 | -         |
| 6                 | WEATHERSTRIP (MEDIUM REACH)                                                                    | FOAM       | 41                | DOOR PANEL (HYBRID)                               | -         |
| 7                 | WEATHERSTRIP (LONG REACH)                                                                      | FOAM       | 42                | DOOR PANEL (U1)                                   | -         |
| 8                 | SWEEP                                                                                          | VINYL      | 50                | SIDELITE (FULL LITE)                              | -         |
| 9                 | SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)                                                      | VINYL      | 60                | SIDELITE (HALF LITE)                              | -         |
| 10                | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)                                                         | VINYL      | 75                | SIDELITE SPACER (INSWING)                         | PVC       |
| 11                | #10 X 1-3/4" PFH WOOD SCREW                                                                    | STEEL      | 76                | SIDELITE SPACER (OUTSWING)                        | PVC       |
| 15                | ADA THRESHOLD                                                                                  | ALUM       | 77                | SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL | PVC       |
| 16                | OUTSWING THRESHOLD                                                                             | ALUM/COMP  | 78                | MULTIPOINT LOCK STRIKE PLATE @ HEAD               | STEEL     |
| 17                | OUTSWING THRESHOLD                                                                             | ALUM/COMP  | 79                | MULTIPOINT LOCK STRIKE PLATE @ SILL               | STEEL     |
| 18                | OUTSWING THRESHOLD                                                                             | ALUM/COMP  | 80                | ASTRAGAL STRIKE PLATE                             | STEEL     |
| 19                | COASTAL OUTSWING THRESHOLD                                                                     | ALUM/ WOOD | 88                | 1X MULLION (SG >= 0.55)                           | WOOD      |
| 20                | COASTAL ALUMINUM ASTRAGAL                                                                      | ALUM       |                   |                                                   |           |
| 23                | #10 x 3/4" PFH WOOD SCREW                                                                      | STEEL      |                   |                                                   |           |
| 24                | #10 x 1" PFH WOOD SCREW                                                                        | STEEL      |                   |                                                   |           |

**CORROSION RESISTANCE - SALTWATER ENVIRONMENTS**  
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

### CONCRETE ANCHOR NOTES:

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 ULTRA CON+® | 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.

|                                                                                                                              |         |                          |     |                |  |
|------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|-----|----------------|--|
| DATE: 8/10/16                                                                                                                |         | DRAWING NO.: FL-20470.16 |     | SHEET 13 OF 13 |  |
| SCALE: N.T.S.                                                                                                                |         | CHK. BY: LFS             |     | DWG. BY: JK    |  |
| NO.                                                                                                                          |         | DATE                     |     | REVISONS       |  |
| 4                                                                                                                            | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS            |  |
| 3                                                                                                                            | 7/25/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS            |  |
| 2                                                                                                                            | 7/22/20 | UPDATE TO 7th ED (2020)  | FBC | JK             |  |
| 1                                                                                                                            | 7/14/17 | UPDATE TO 6TH ED. (2017) | FBC | JK             |  |
| PART OR ASSEMBLY:<br>BILL OF MATERIALS                                                                                       |         |                          |     |                |  |
| PRODUCT:<br>THERMA TRU<br>FIBERGLASS DOOR                                                                                    |         |                          |     |                |  |
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                                |         |                          |     |                |  |
| <i>RW</i> BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |                          |     |                |  |