

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-13459 R8\FL-13459.1-4.dwg

# THERMA-TRU®

## Benchmark® Doors

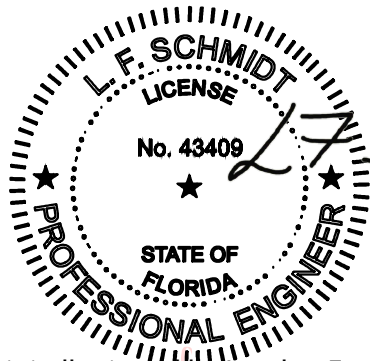
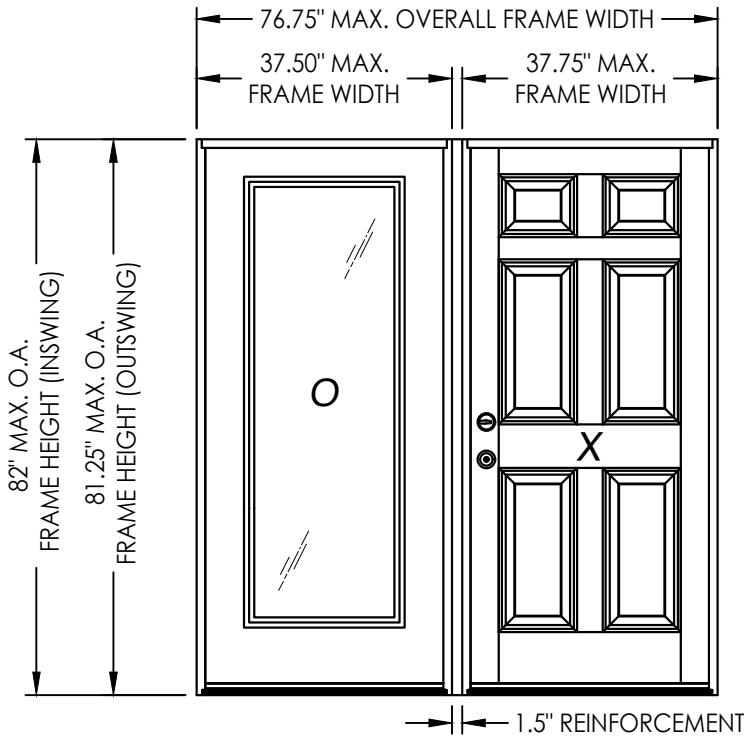
### WOOD EDGE OPAQUE FIBERGLASS SINGLE DOOR w/ SIDELITE(S) INSWING/OUTSWING "IMPACT"

#### 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 Section 1626 of the FBC and does not require an impact resistant covering.
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.
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 Sill numbers 17 & 18 meet the water infiltration requirements for the "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.

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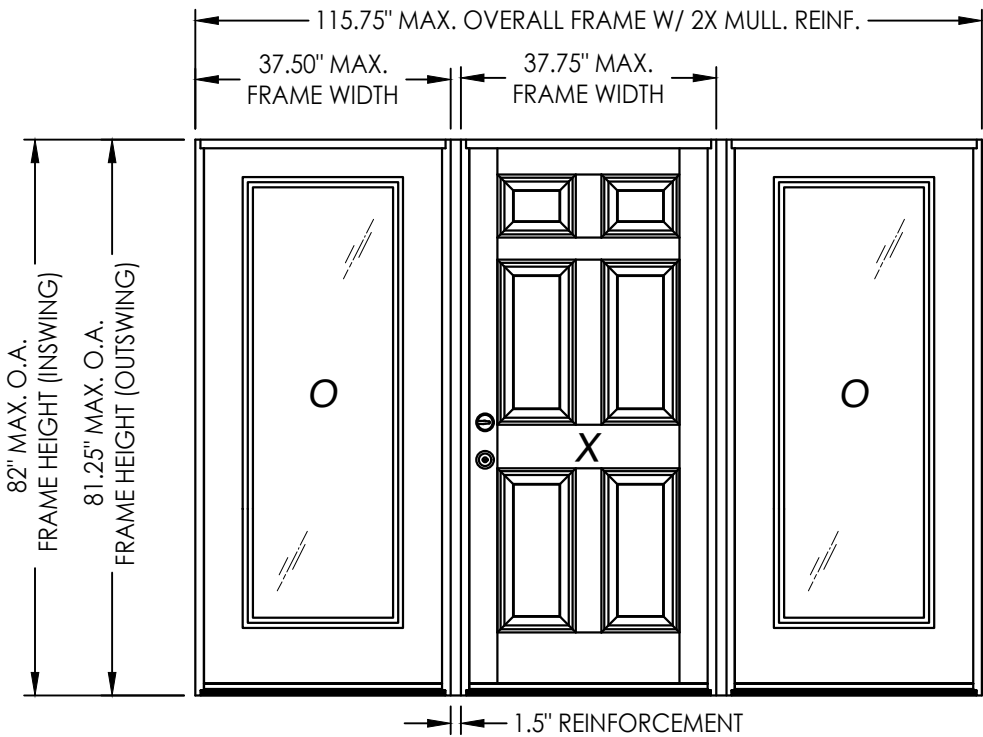
| SHEET# | DESCRIPTION                                              | SHEET# | DESCRIPTION                          |
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Digitally signed by Lyndon F Schmidt  
Date: 2026.08.04 17:13:38 -04'00'

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 |
| XO, OX, OXO   | +55.0                            | -55.0    | +55.0                             | -55.0    |

See Sheet 4 for Hardware Specifications

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:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

| NO. | DATE    | REVISIONS                   |
|-----|---------|-----------------------------|
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) FBC |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) FBC |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) FBC |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) FBC |

DATE: 4/28/15

SCALE: N.T.S.

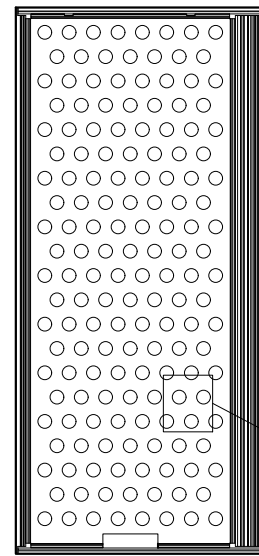
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:  
FL-13459.2

SHEET 1 OF 15

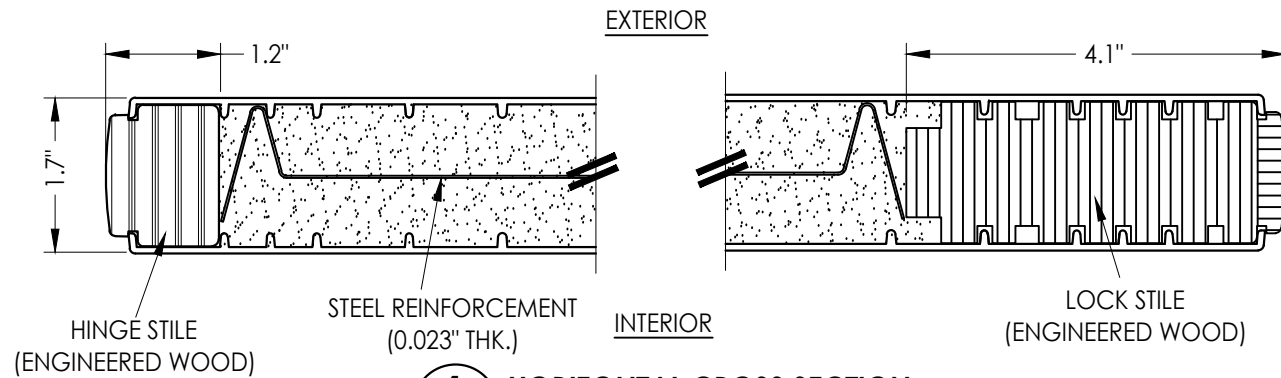
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-13459 R8\FL-13459.1-4.dwg



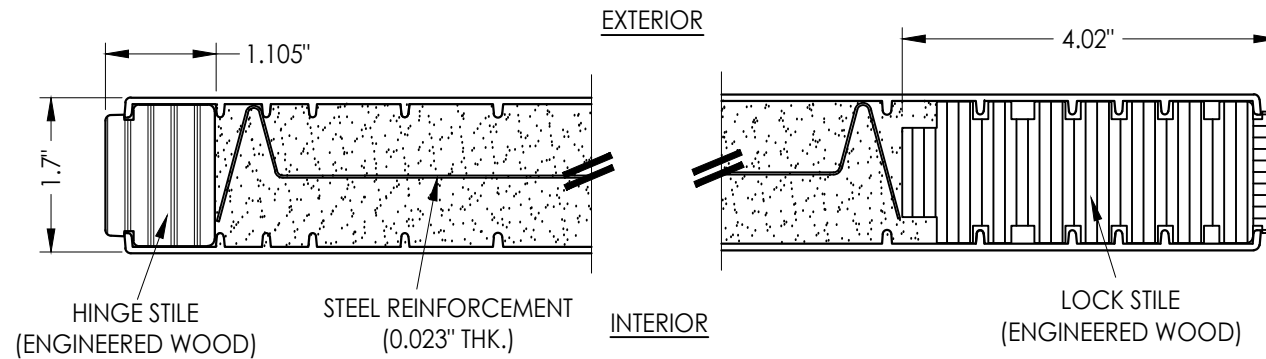
**DETAIL A-A**  
PANEL REINFORCEMENT  
(0.023\"

STEEL REINFORCEMENT  
28.86% OPEN  
AREA MAX.

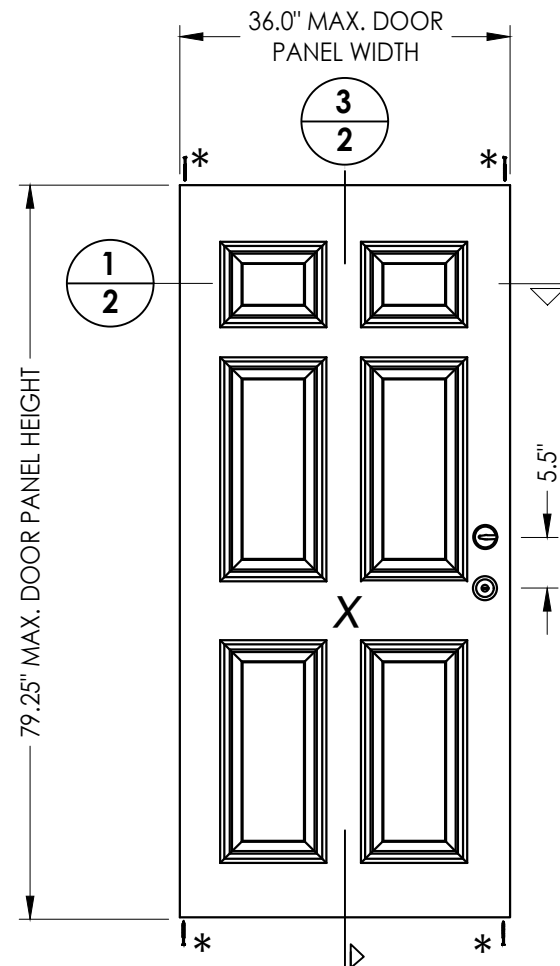
\* #8 X 2.5\"



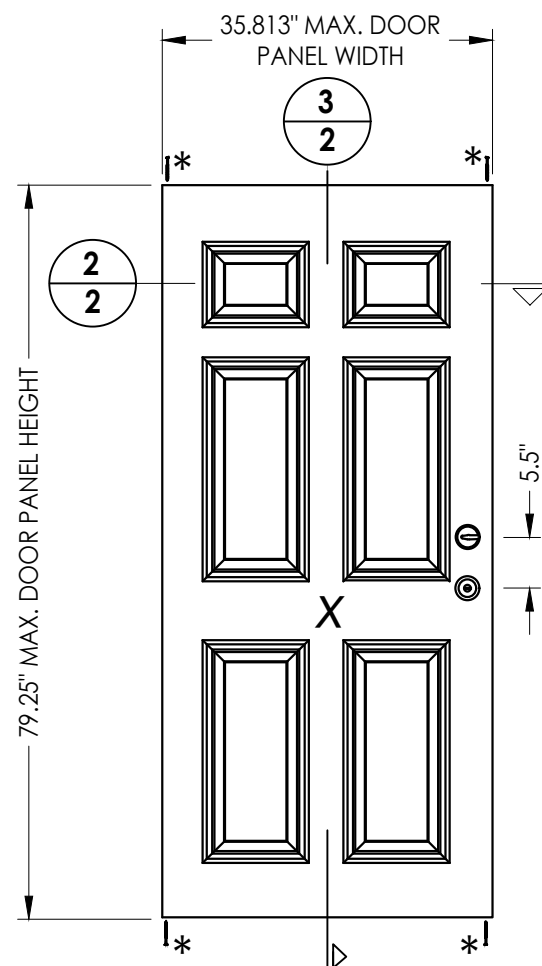
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**2** **HORIZONTAL CROSS SECTION**



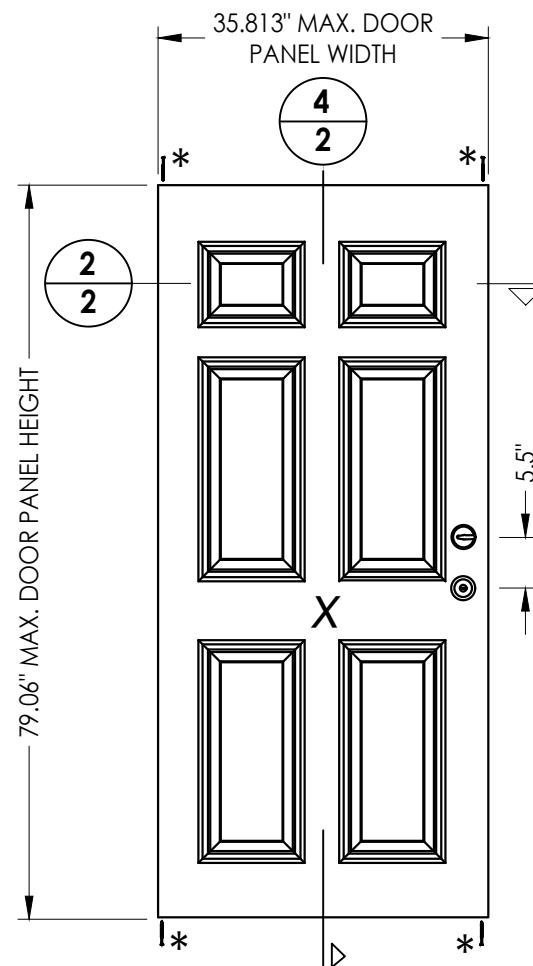
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**2** **HORIZONTAL CROSS SECTION**



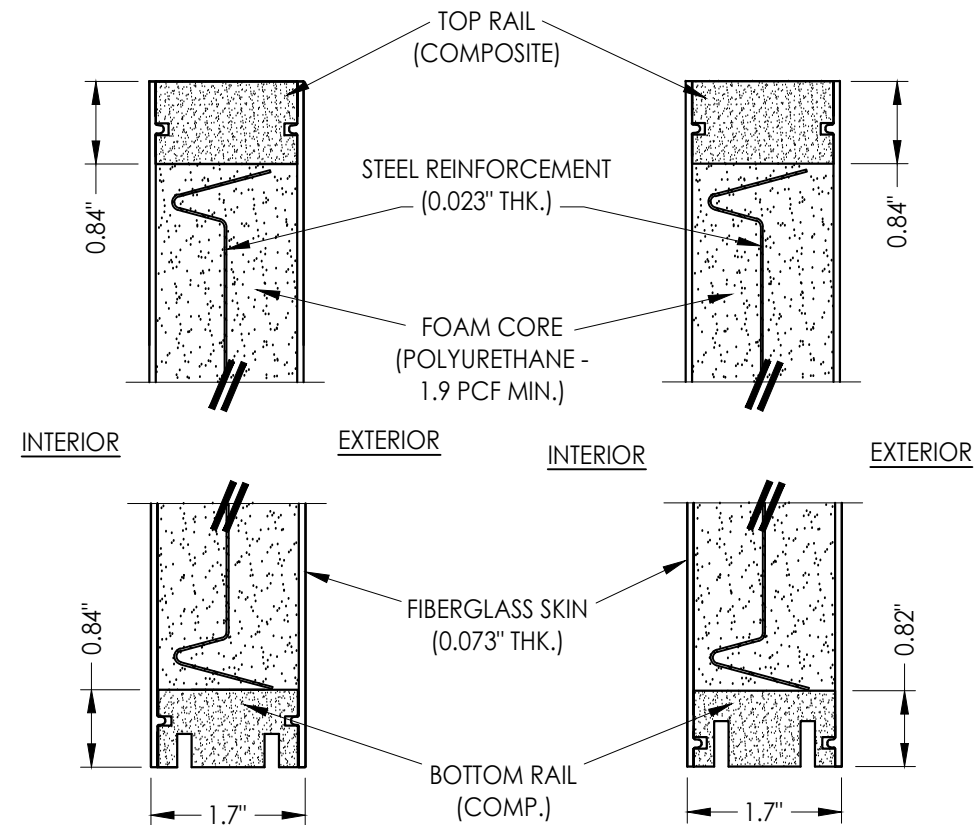
**40** **DOOR PANEL**  
BOOK



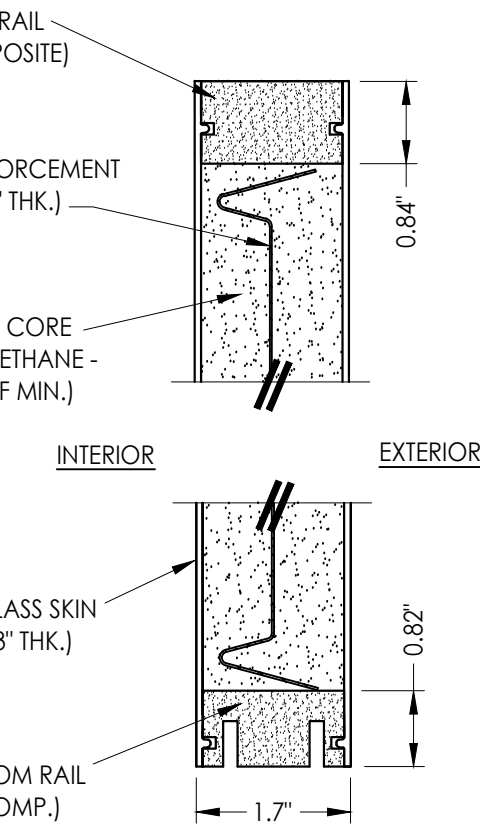
**41** **DOOR PANEL**  
Hybrid Door



**42** **DOOR PANEL**  
U1 Door



**3**  
**2** **VERTICAL CROSS SECTION**



**4**  
**2** **VERTICAL CROSS SECTION**

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

| NO. | DATE    | REVISIONS               |      |             |      |
|-----|---------|-------------------------|------|-------------|------|
|     |         | BY                      | DATE | DESCRIPTION | DATE |
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) | FBC  | LFS         |      |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) | FBC  | LFS         |      |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) | FBC  | LFS         |      |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) | FBC  | JK          |      |

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

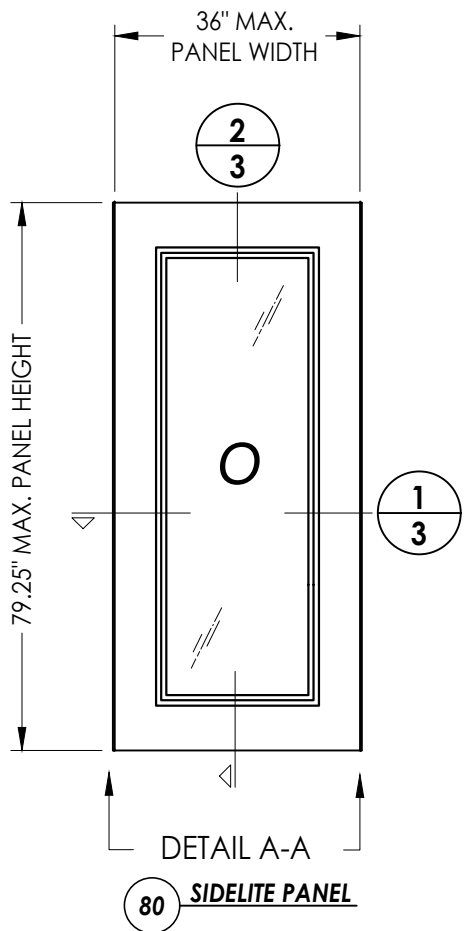
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DRAWING NO.: FL-13459.2

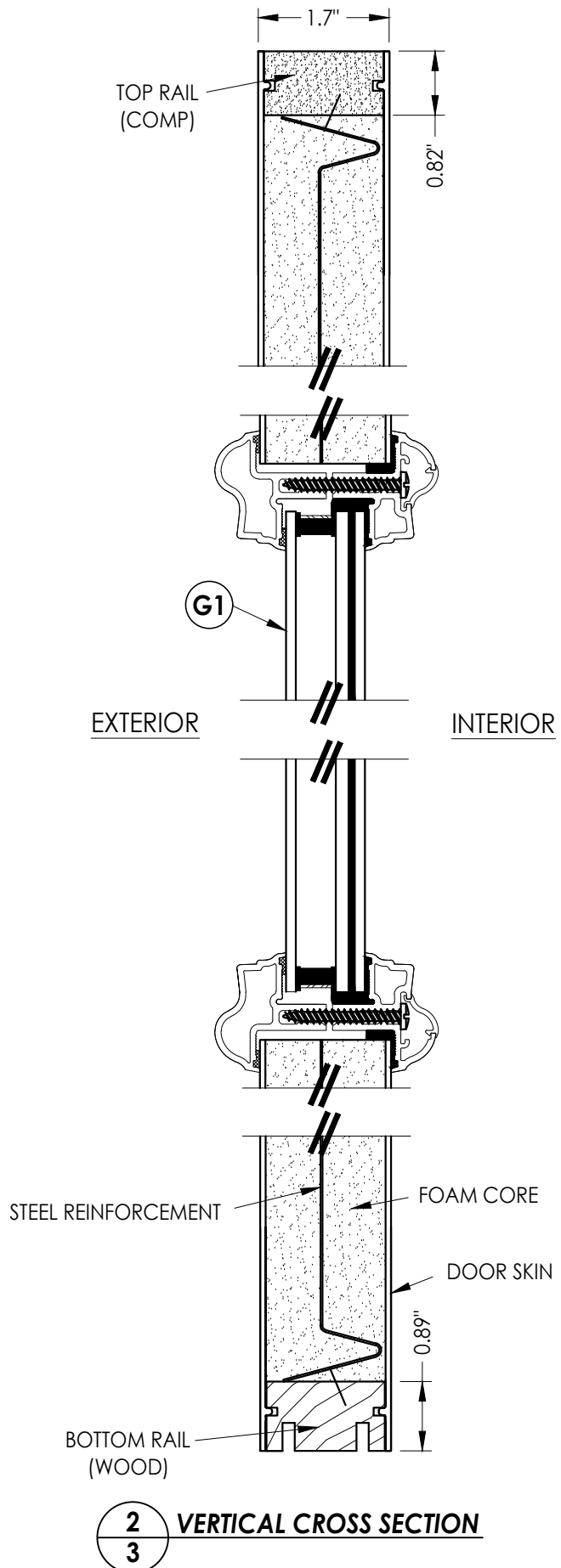
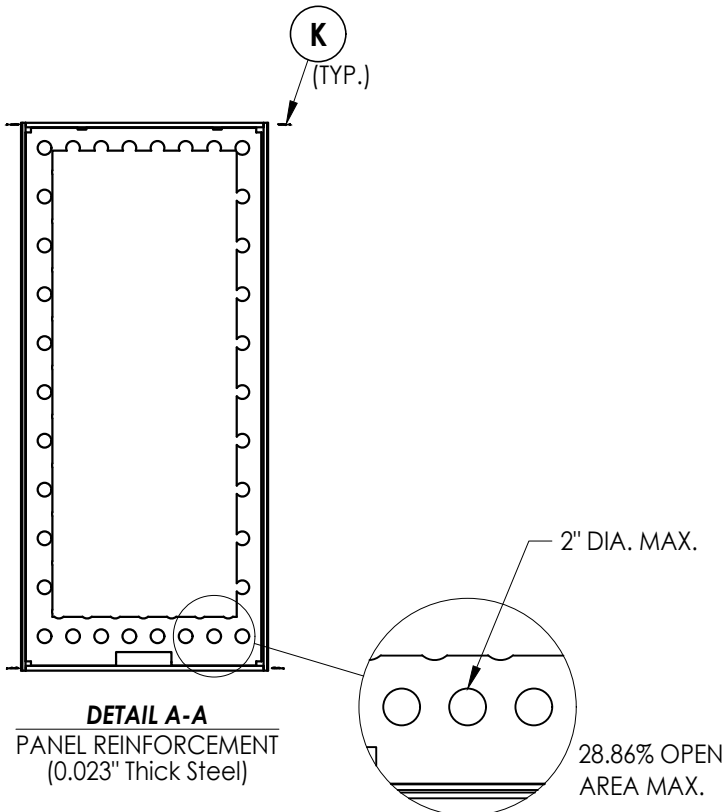
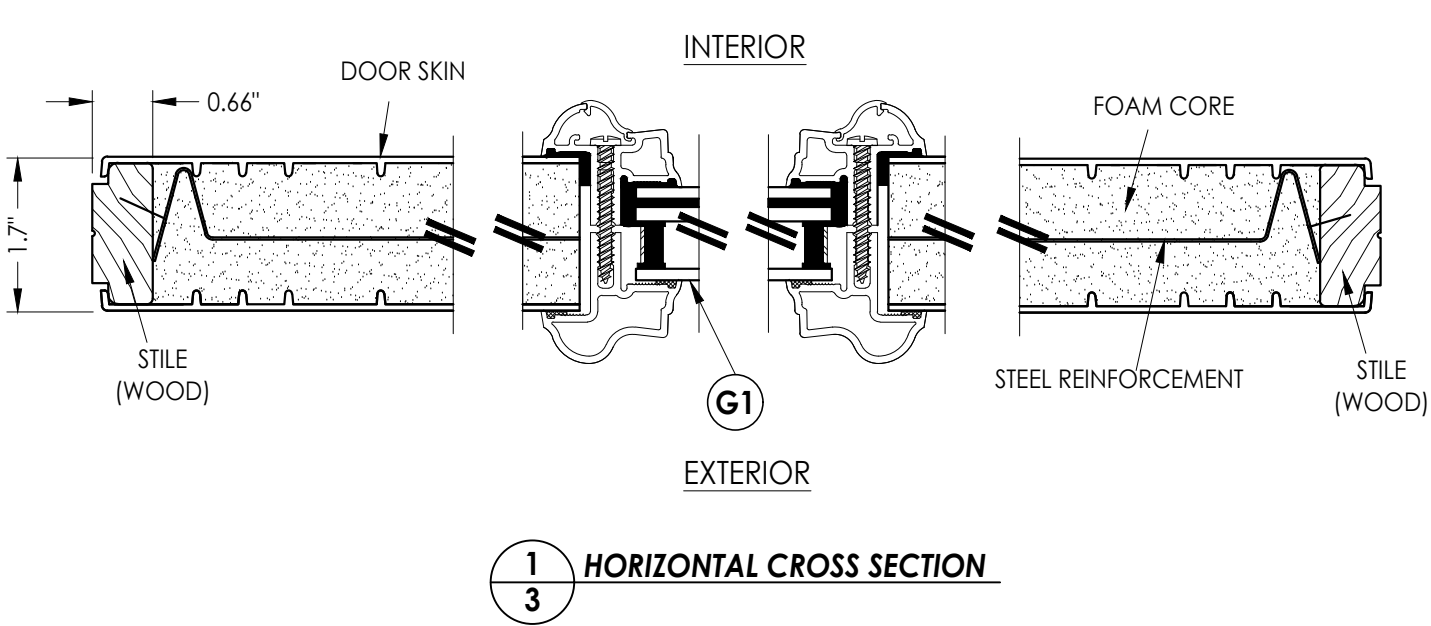
SHEET 2 OF 15

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FBPE Registry No. 9813

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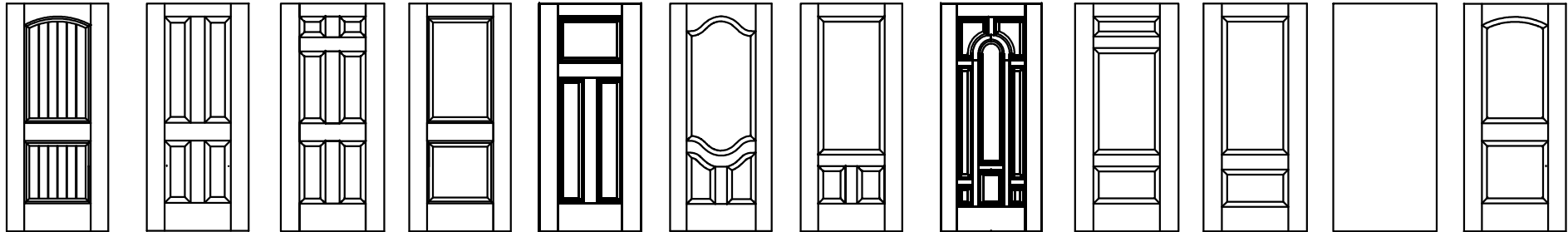


WOOD DOOR COMPONENTS: PINE (SG >= 0.42.)  
DOOR SKIN 0.070" THK. (Fy = 6,000 PSI MIN.)  
CORE MATERIAL: POLYURETHANE FOAM (PUR, 1.9lbs. MIN. DENSITY)



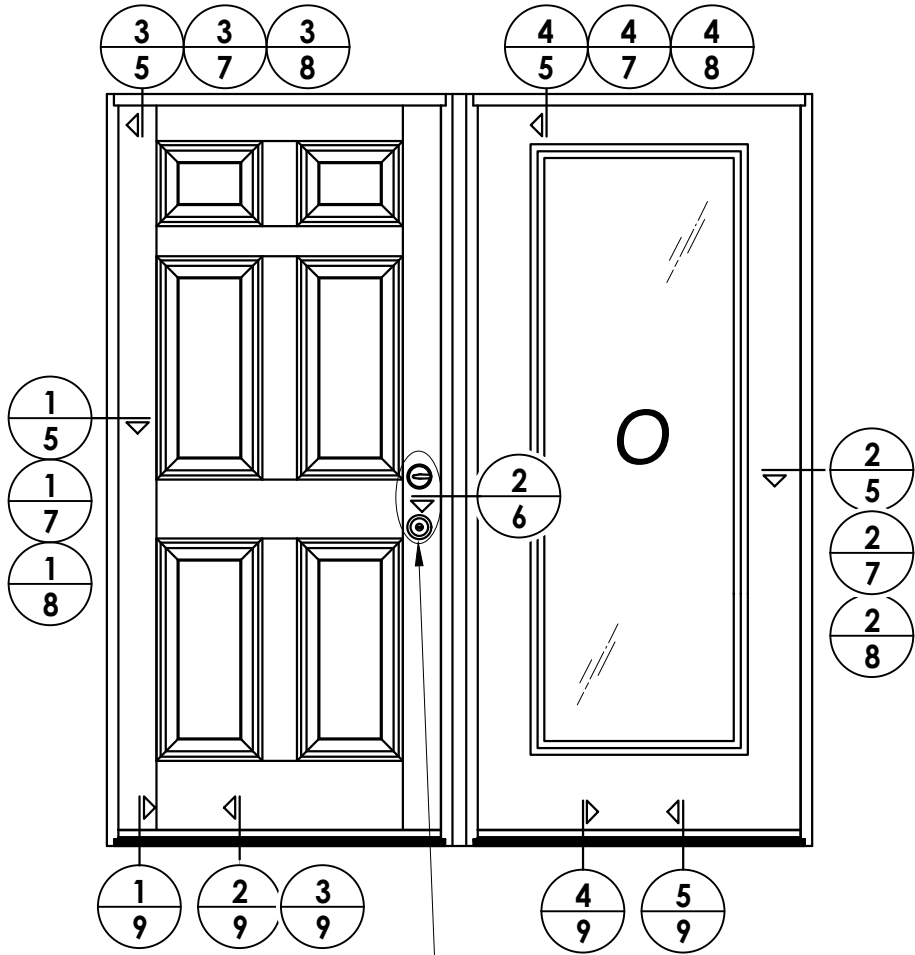
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|-------------------------|--|-------------------|---------|-------------------------|-----|
| Documents Prepared By:  |  | Lyndon F. Schmidt |         | P.E. No. 43409          |     |
| PRODUCT:                |  | FIBERGLASS DOOR   |         | PART OR ASSEMBLY:       |     |
|                         |  |                   |         | SIDELITE PANEL DETAILS  |     |
|                         |  | 4                 | 7/02/26 | UPDATE TO 9th ED (2026) | FBC |
|                         |  | 3                 | 7/10/23 | UPDATE TO 8th ED (2023) | FBC |
|                         |  | 2                 | 7/14/20 | UPDATE TO 7th ED (2020) | FBC |
|                         |  | 1                 | 7/17/19 | UPDATE TO 6th ED (2017) | FBC |
|                         |  | NO.               | DATE    |                         | BY  |
| REVISIONS               |  |                   |         |                         |     |
| DATE: 2/24/09           |  |                   |         |                         |     |
| SCALE: N.T.S.           |  |                   |         |                         |     |
| DWG. BY: AL             |  |                   |         |                         |     |
| CHK. BY: LFS            |  |                   |         |                         |     |
| DRAWING NO.: FL-13459.2 |  |                   |         |                         |     |
| SHEET 3 OF 11           |  |                   |         |                         |     |

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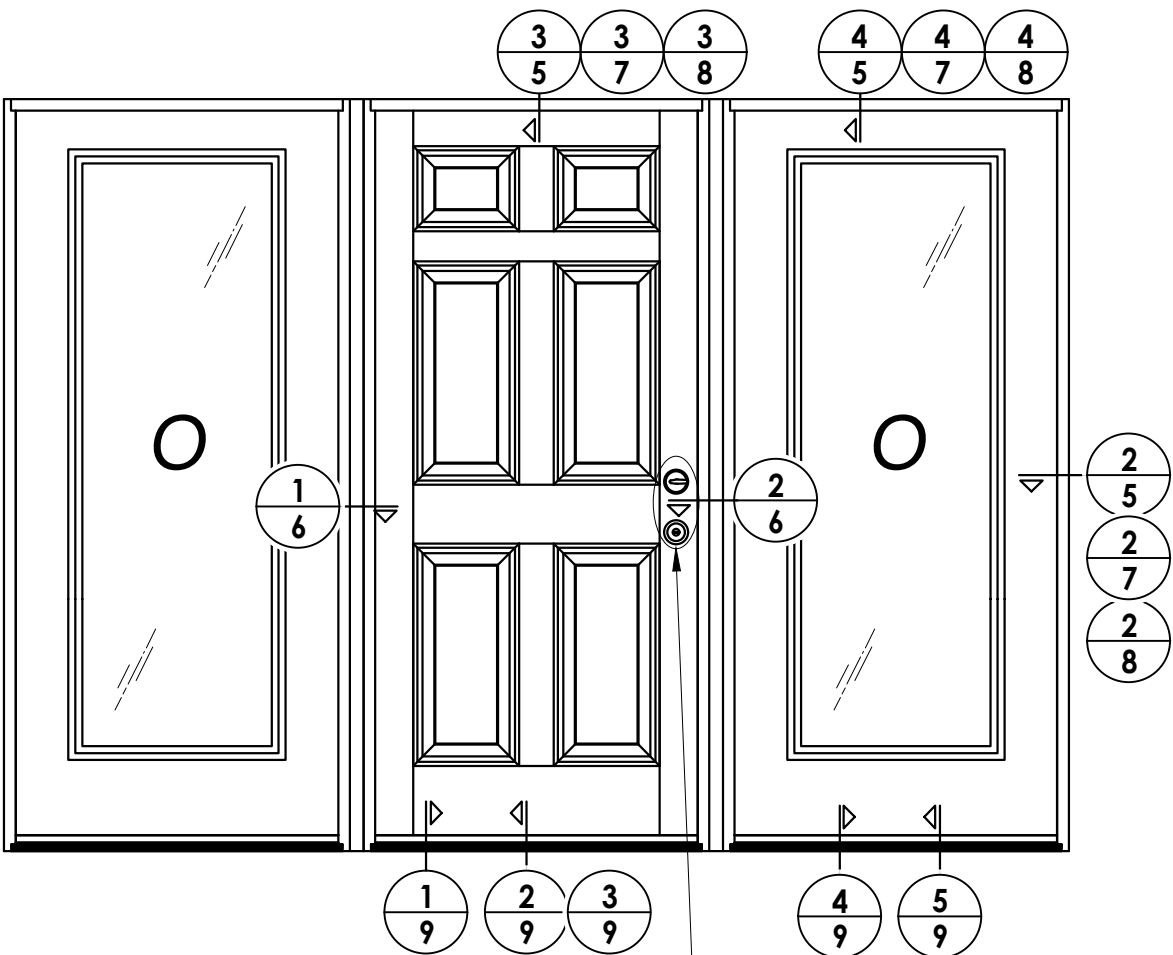


**Benchmark Door Panel Options**

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



SEE HARDWARE CHART



SEE HARDWARE CHART

| HARDWARE TABLE |           |                        |
|----------------|-----------|------------------------|
| MANUFACTURER   | MODEL     |                        |
| SCHLAGE        | KNOB:     | F51                    |
|                | DEADBOLT: | B60                    |
| KWIKSET        | KNOB:     | SIGNATURE SERIES       |
|                | DEADBOLT: | SIGNATURE SERIES (980) |

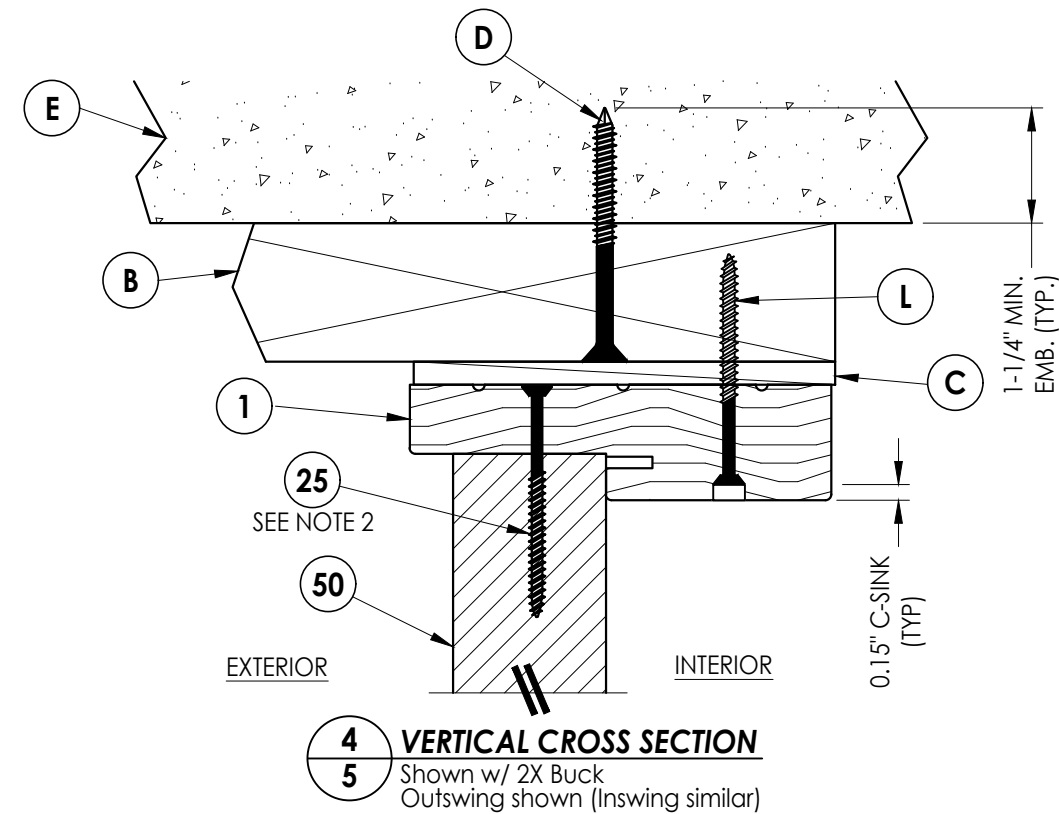
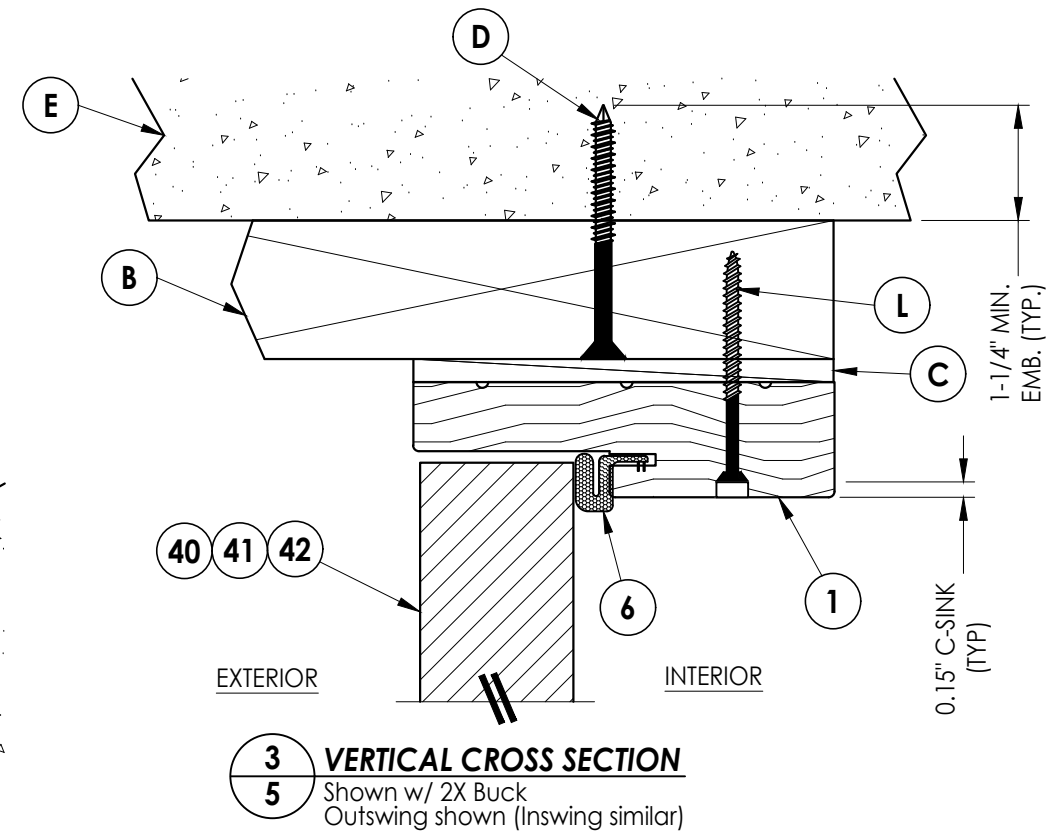
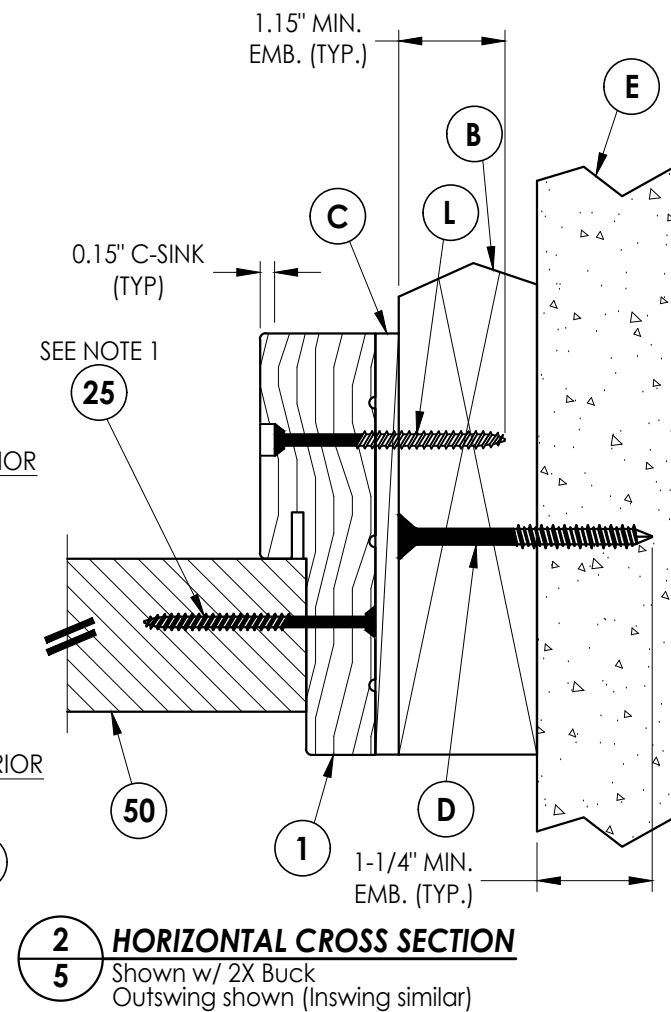
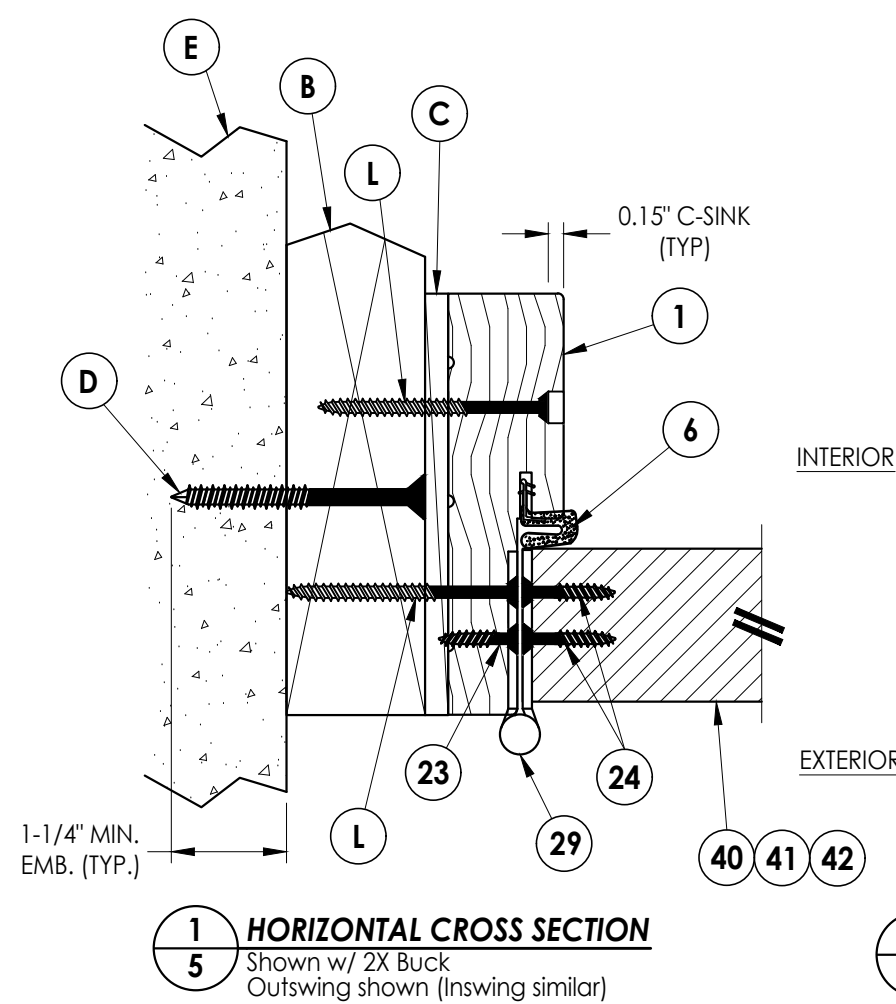
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| 1 | 7/17/19 | UPDATE TO 6th ED (2017) | FBC | JK        |      |    |

|              |            |
|--------------|------------|
| DATE:        | 4/28/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-13459.2 |
| SHEET        | 4 OF 15    |

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

|                                                               |                                                                                                                              |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|                                                               |                                                                                                                              |

1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).

[illegible]

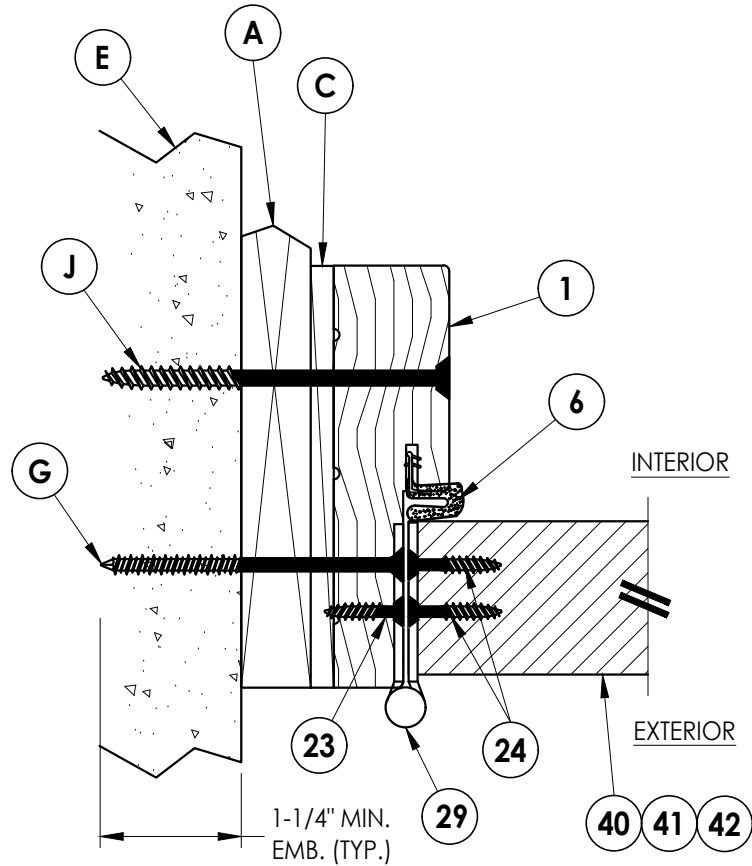
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).

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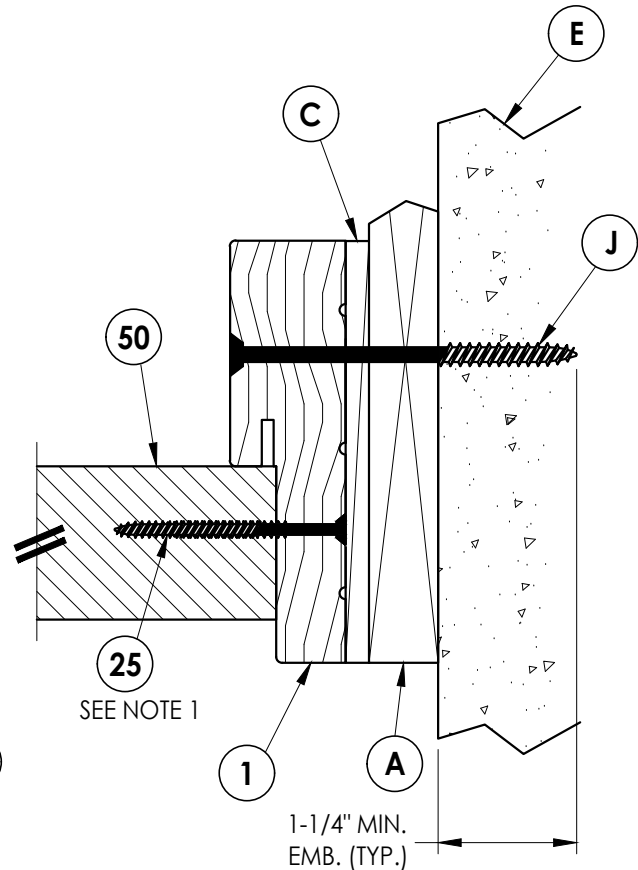
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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

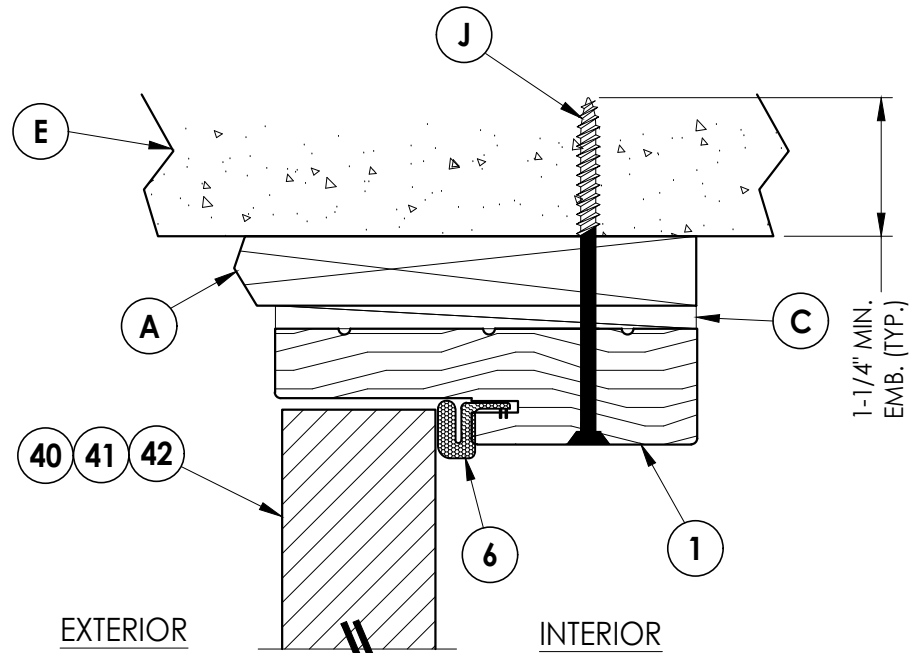
- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
  2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



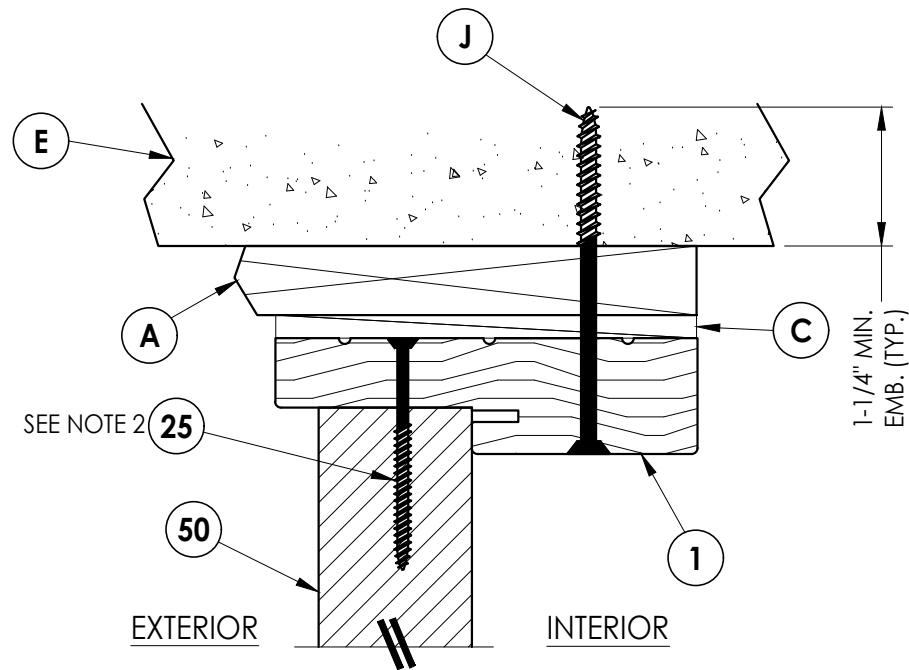
**1**  
**7** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



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



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



**4**  
**7** **VERTICAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)

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:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (1X BUCK)

| NO. | DATE    | REVISIONS                       |
|-----|---------|---------------------------------|
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) FBC LFS |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) FBC LFS |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) FBC LFS |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) FBC JK  |

DATE: 4/28/15

SCALE: N.T.S.

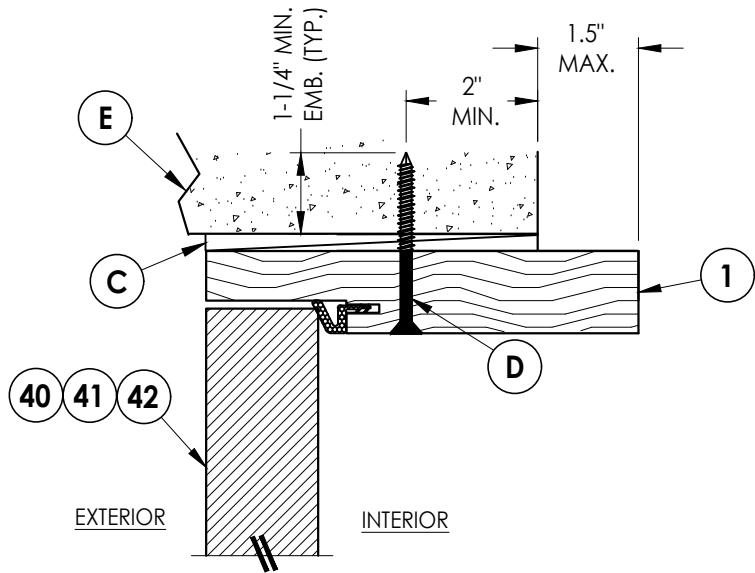
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CHK. BY: LFS

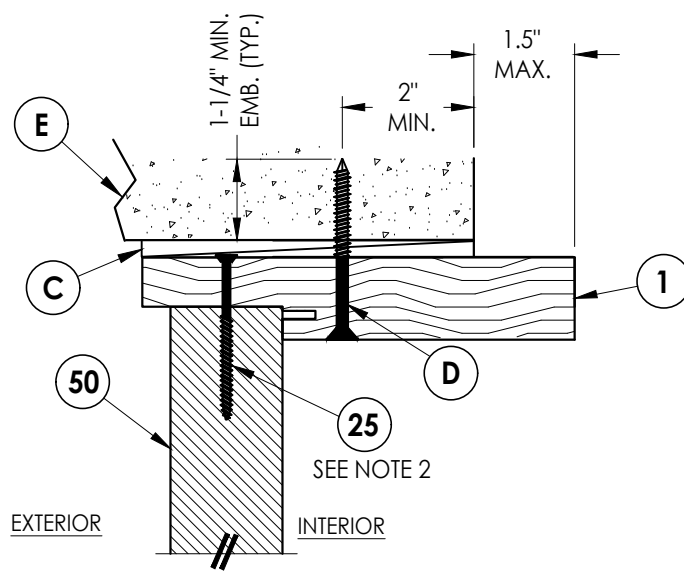
DRAWING NO.:

FL-13459.2

SHEET 7 OF 15



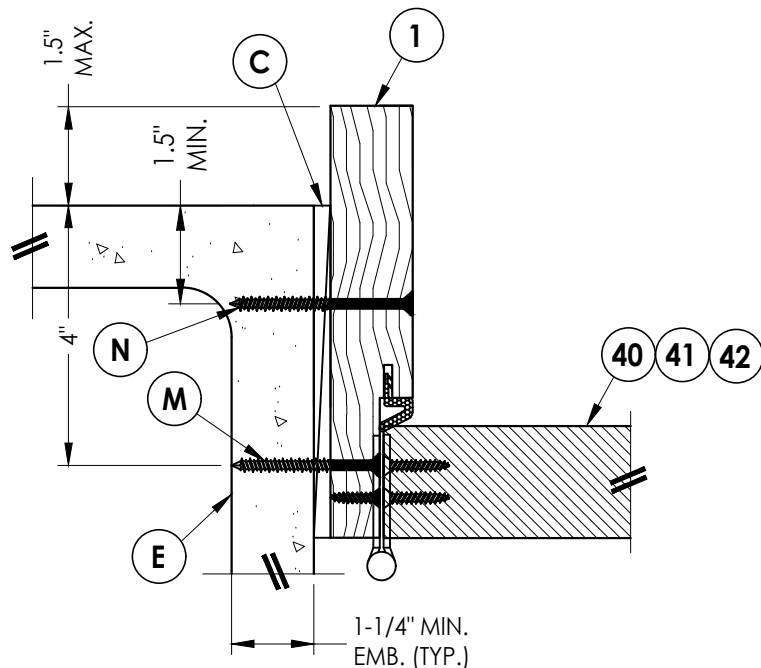
**3**  
**8** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



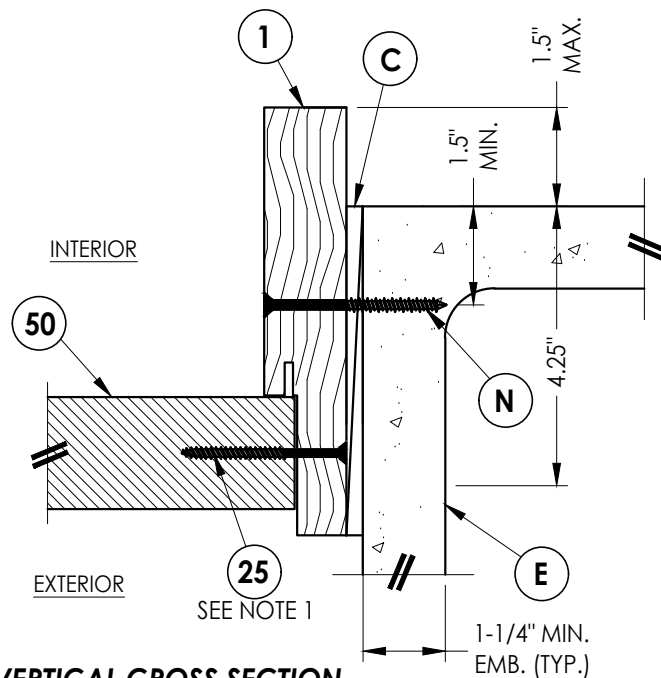
**4**  
**8** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

**Notes:**

- Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
- Sidelite assembly screws located 4" from each end (2 screws along head jamb).



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



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

Documents Prepared By:  
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P.E. No. 43409

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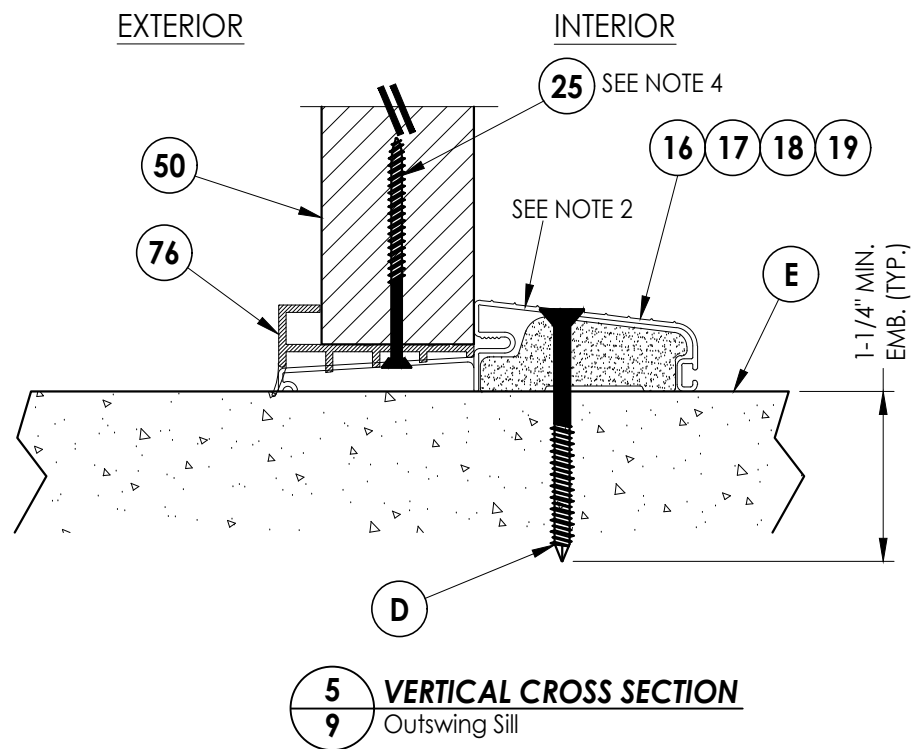
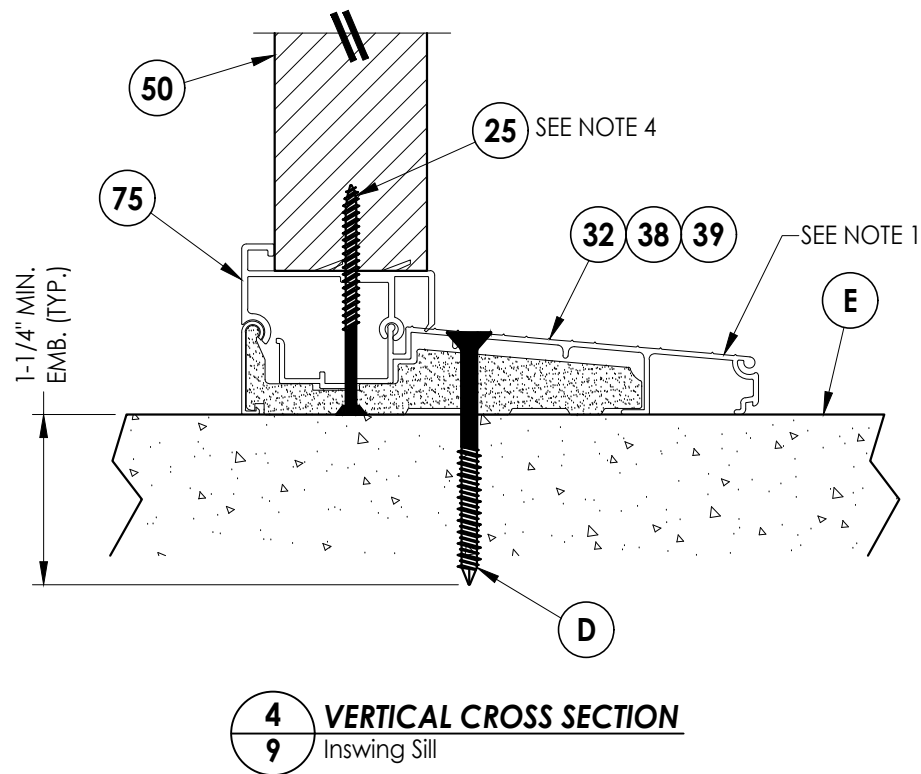
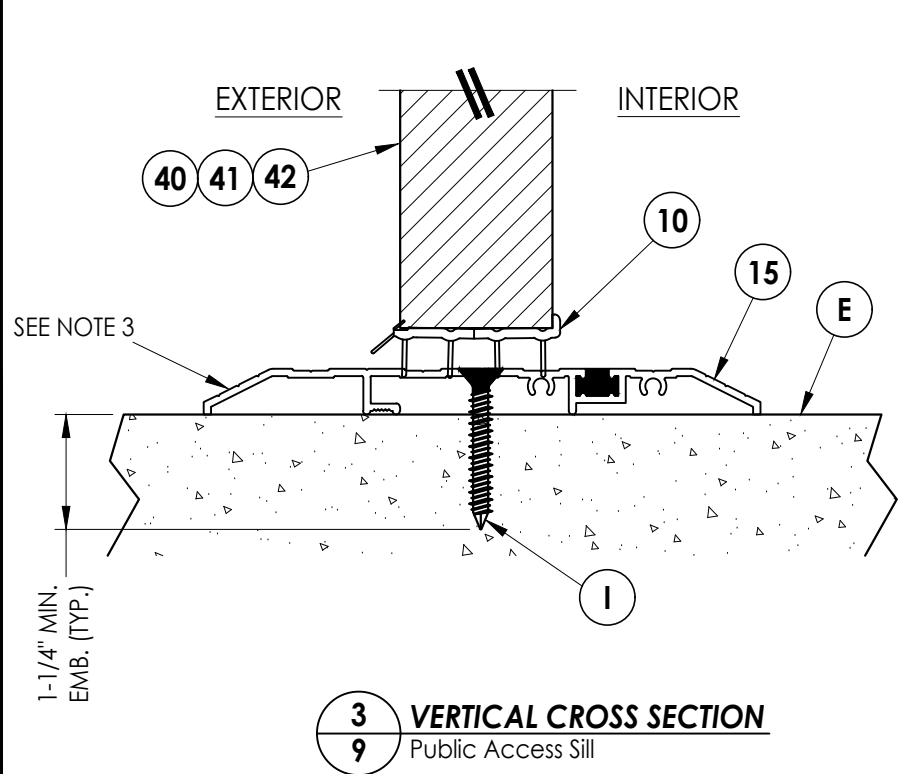
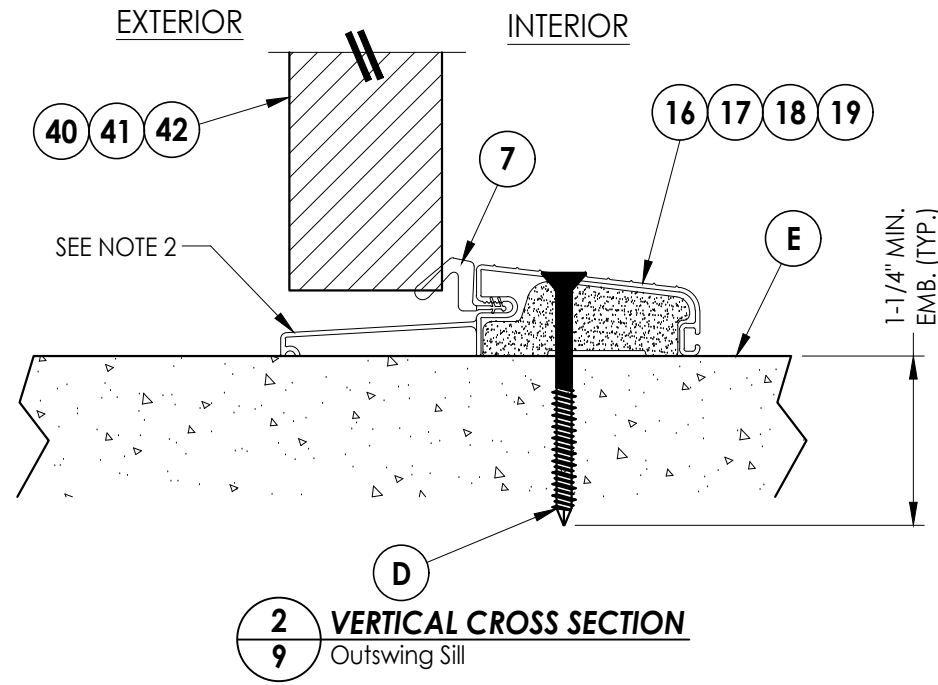
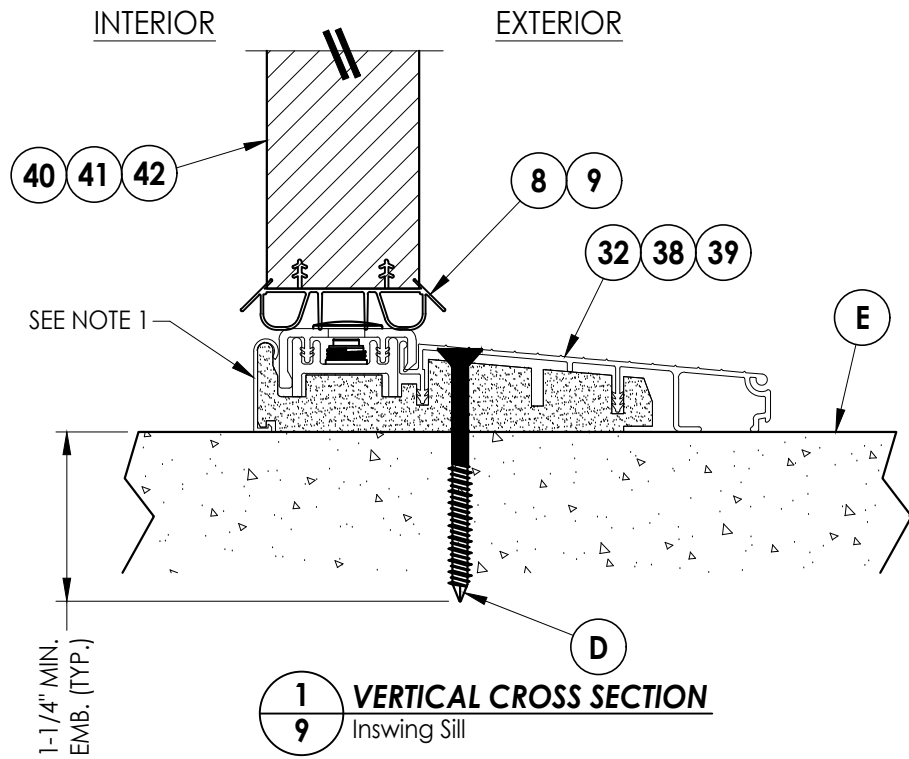
PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

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

| NO. | DATE    | REVISIONS                   |
|-----|---------|-----------------------------|
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) FBC |
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DATE: 4/28/15  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
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SHEET 8 OF 15

- Notes:
- Sill Item #'s 32, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws or (3) 2.5" 16 GA. STAPLES at each end.
  - Sill Item #'s 16, 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.
  - Sidelite assembly screws located 4" from each end (2 screws along Sill).



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

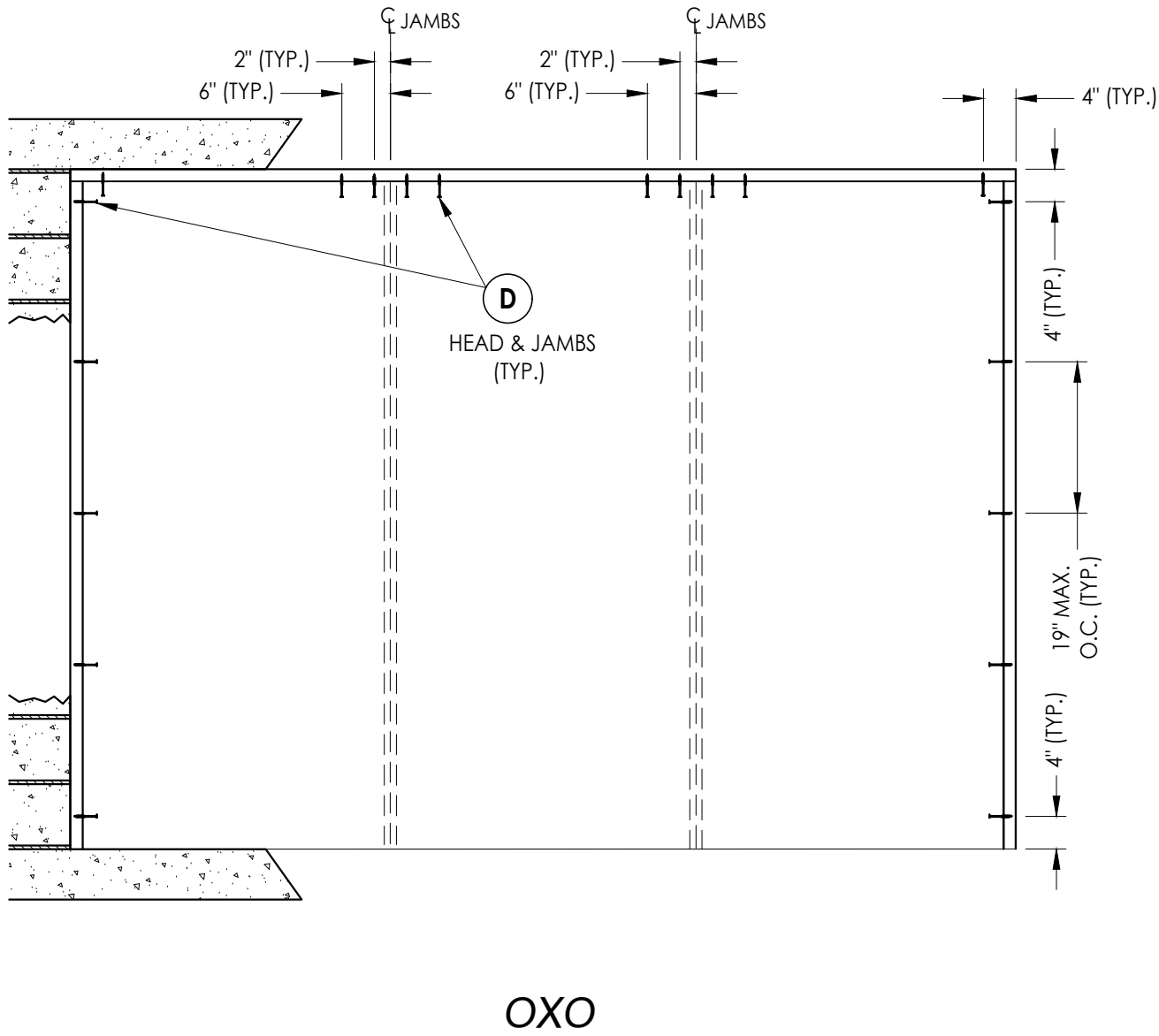
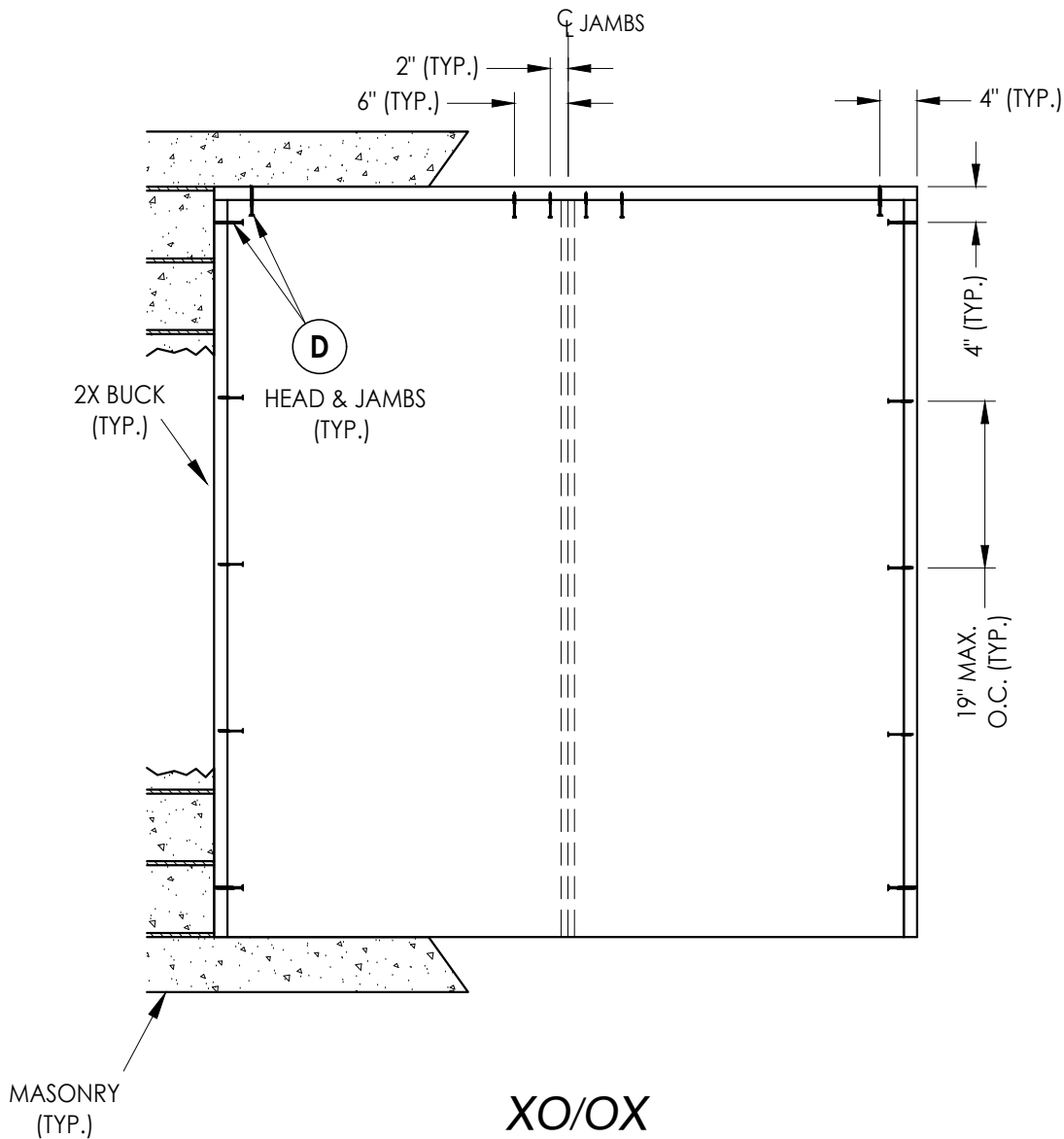
**RW** BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

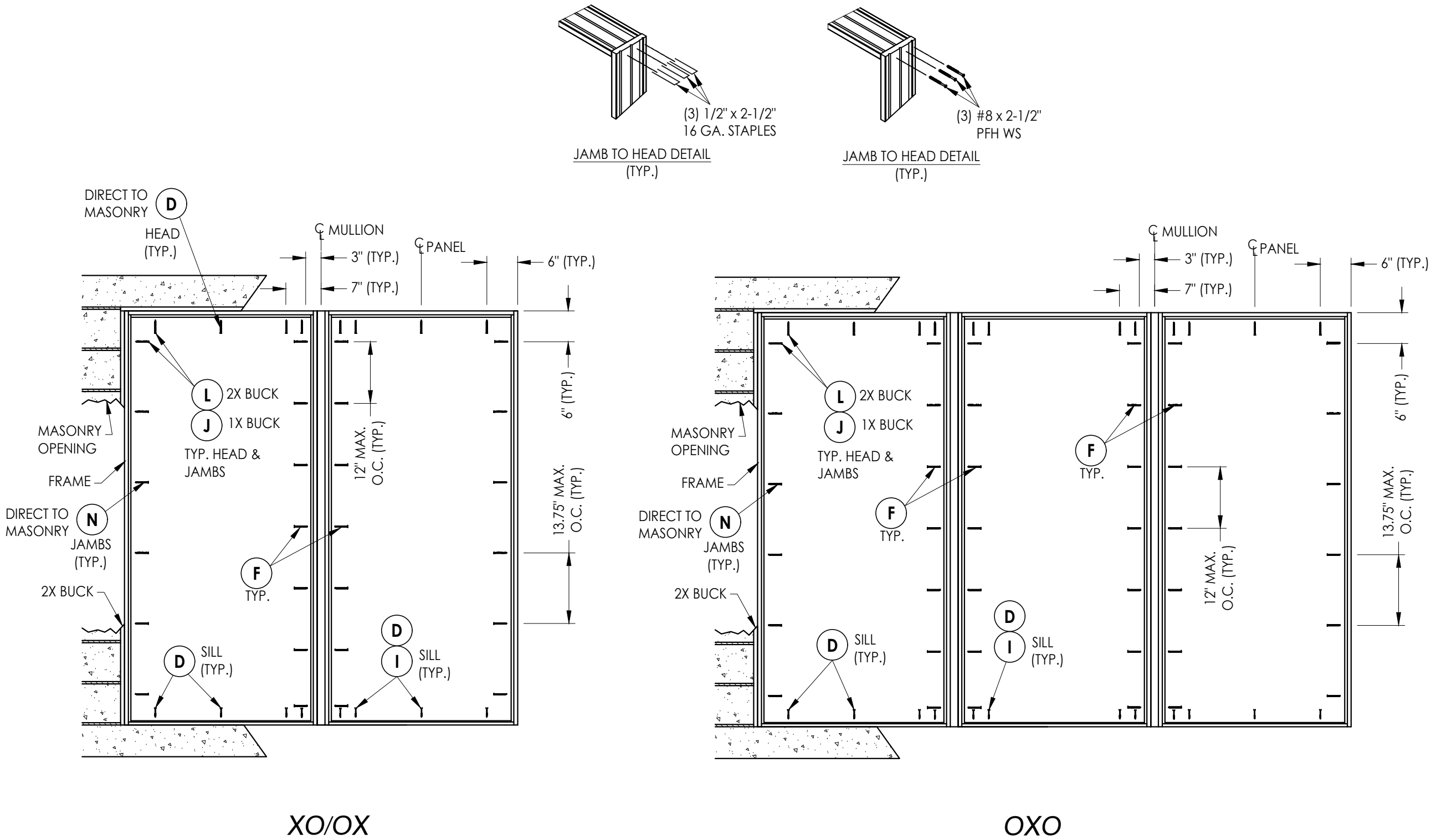
| NO.                     | DATE    | REVISIONS               |     |     |     |
|-------------------------|---------|-------------------------|-----|-----|-----|
|                         |         | DATE                    | BY  | CHK | LFS |
| 4                       | 7/02/26 | UPDATE TO 9th ED (2026) | FBC | LFS |     |
| 3                       | 7/10/23 | UPDATE TO 8th ED (2023) | FBC | LFS |     |
| 2                       | 7/14/20 | UPDATE TO 7th ED (2020) | FBC | LFS |     |
| 1                       | 7/17/19 | UPDATE TO 6th ED (2017) | FBC | JK  |     |
| DATE: 4/28/15           |         |                         |     |     |     |
| SCALE: N.T.S.           |         |                         |     |     |     |
| DWG. BY: JK             |         |                         |     |     |     |
| CHK. BY: LFS            |         |                         |     |     |     |
| DRAWING NO.: FL-13459.2 |         |                         |     |     |     |
| SHEET 9 OF 15           |         |                         |     |     |     |

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**2X BUCK ANCHORING**

|                                                               |         |                               |     |                                                                                                                      |  |                |  |
|---------------------------------------------------------------|---------|-------------------------------|-----|----------------------------------------------------------------------------------------------------------------------|--|----------------|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         |                               |     | RWBUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |                |  |
| PRODUCT:                                                      |         | THERMA-TRU<br>FIBERGLASS DOOR |     | PART OR ASSEMBLY:                                                                                                    |  | BUCK ANCHORING |  |
|                                                               |         |                               |     |                                                                                                                      |  |                |  |
| 4                                                             | 7/02/26 | UPDATE TO 9th ED (2026)       | FBC | LFS                                                                                                                  |  |                |  |
| 3                                                             | 7/10/23 | UPDATE TO 8th ED (2023)       | FBC | LFS                                                                                                                  |  |                |  |
| 2                                                             | 7/14/20 | UPDATE TO 7th ED (2020)       | FBC | LFS                                                                                                                  |  |                |  |
| 1                                                             | 7/17/19 | UPDATE TO 6th ED (2017)       | FBC | JK                                                                                                                   |  |                |  |
|                                                               | NO.     | DATE                          |     |                                                                                                                      |  |                |  |
| REVISIONS                                                     |         |                               |     |                                                                                                                      |  |                |  |
| DATE: 4/28/15                                                 |         |                               |     |                                                                                                                      |  |                |  |
| SCALE: N.T.S.                                                 |         |                               |     |                                                                                                                      |  |                |  |
| DWG. BY: JK                                                   |         |                               |     |                                                                                                                      |  |                |  |
| CHK. BY: LFS                                                  |         |                               |     |                                                                                                                      |  |                |  |
| DRAWING NO.: FL-13459.2                                       |         |                               |     |                                                                                                                      |  |                |  |
| SHEET 10 OF 15                                                |         |                               |     |                                                                                                                      |  |                |  |



## FRAME ANCHORING

|     |         |                         |     |     |           |  |
|-----|---------|-------------------------|-----|-----|-----------|--|
|     |         |                         |     |     |           |  |
|     |         |                         |     |     |           |  |
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) | FBC | LFS |           |  |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) | FBC | LFS |           |  |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) | FBC | LFS |           |  |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) | FBC | JK  |           |  |
| NO. | DATE    |                         |     | BY  |           |  |
|     |         |                         |     |     | REVISIONS |  |

|              |            |
|--------------|------------|
| DATE:        | 4/28/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-13459.2 |
| SHEET        | 11 OF 15   |

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

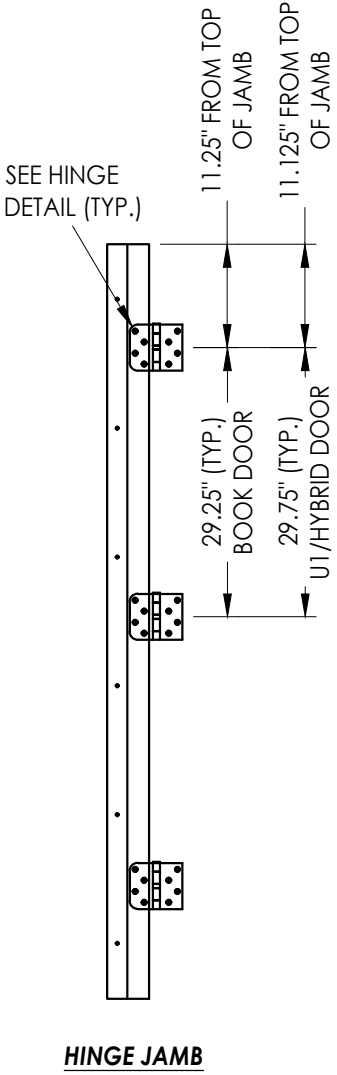
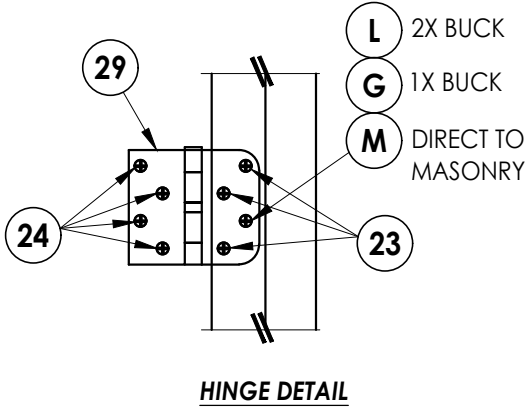
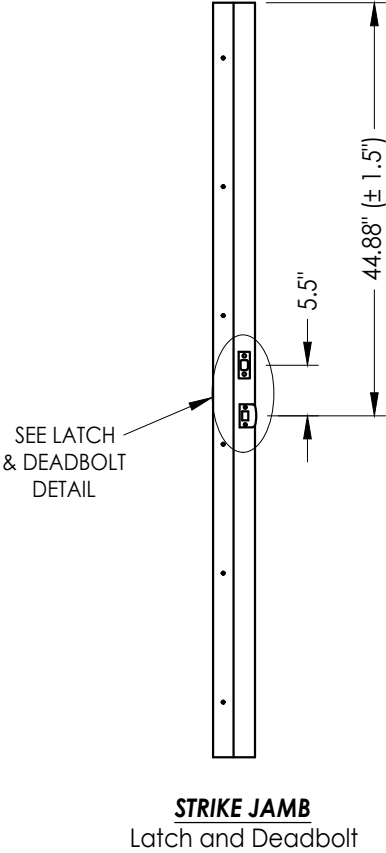
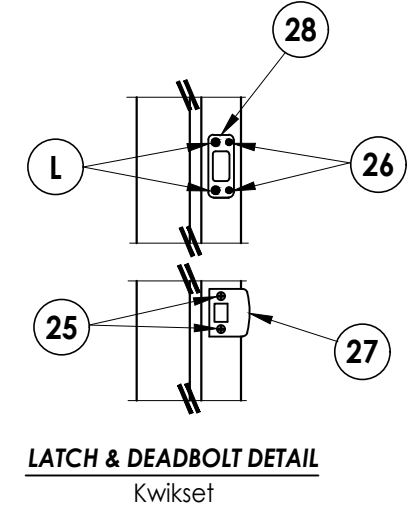
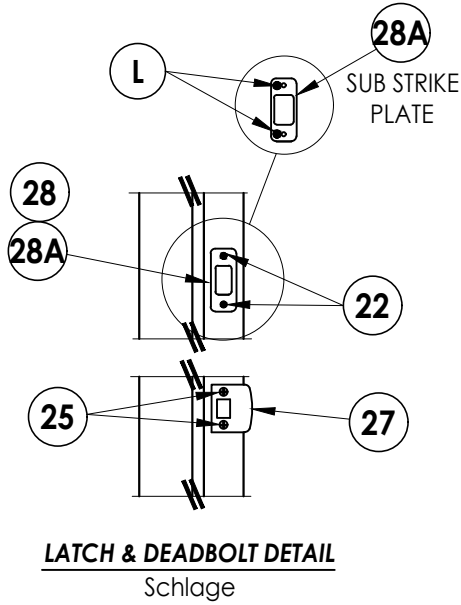
PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
FRAME ANCHORING

***R<sup>2</sup>W*** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-13459 R8\FL-13459.1-4.dwg

LATCH & DEADBOLT STRIKE DETAILS



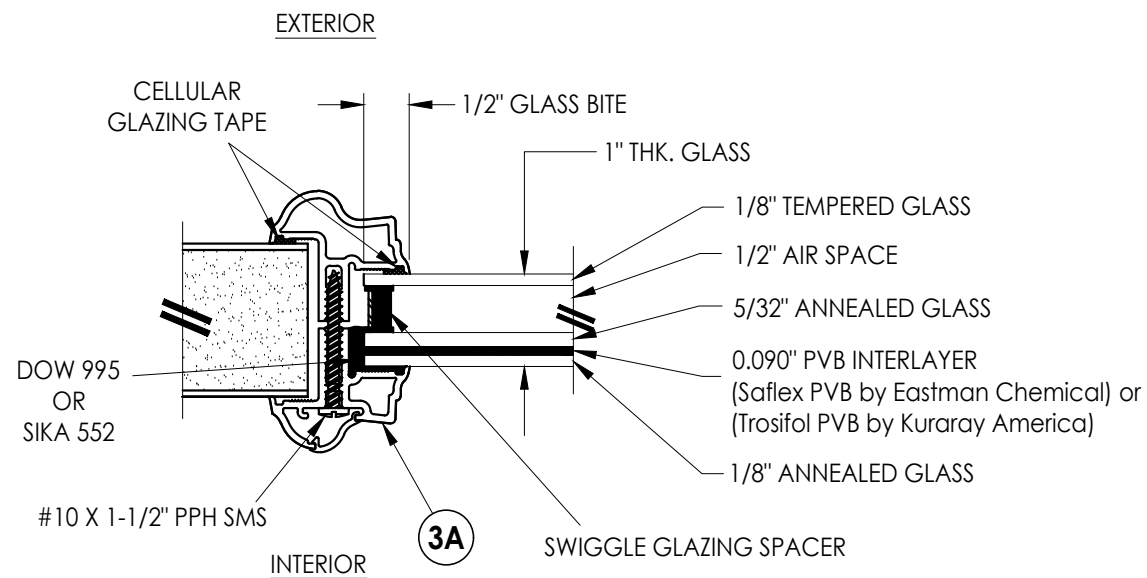
DATE: 4/28/15  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-13459.2  
SHEET 12 OF 15

| NO | DATE    | REVISIONS                       |
|----|---------|---------------------------------|
| 4  | 7/02/26 | UPDATE TO 9th ED (2026) FBC LFS |
| 3  | 7/10/23 | UPDATE TO 8th ED (2023) FBC LFS |
| 2  | 7/14/20 | UPDATE TO 7th ED (2020) FBC LFS |
| 1  | 7/17/19 | UPDATE TO 6th ED (2017) FBC JK  |
|    |         | BY                              |

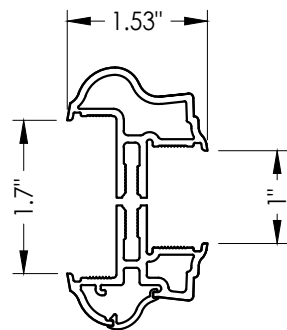
|                   |                               |
|-------------------|-------------------------------|
| PRODUCT:          | THERMA-TRU<br>FIBERGLASS DOOR |
| PART OR ASSEMBLY: | HARDWARE DETAILS              |

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FBPE Registry No. 9813

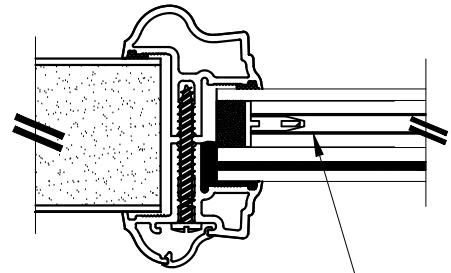
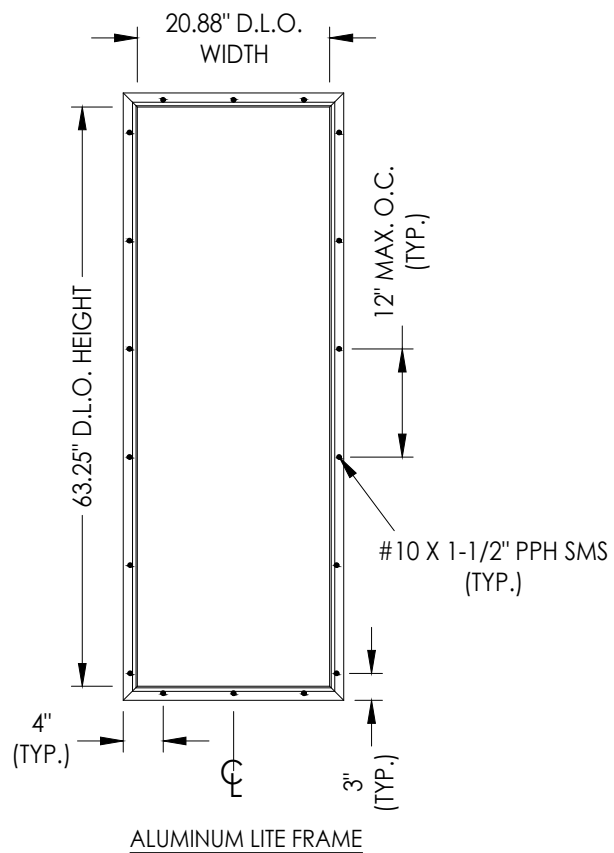
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-13459 R8\FL-13459.1-4.dwg



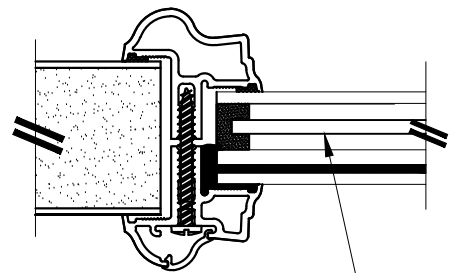
**G1 GLAZING DETAIL**  
Aluminum Impact Lite Frame  
Door Panels & Sidelites



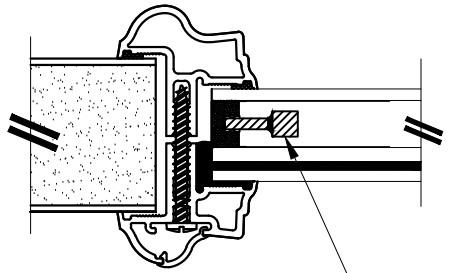
**3A ALUMINUM FRAME**  
Aluminum Impact Lite Frame  
Door Panels & Sidelites



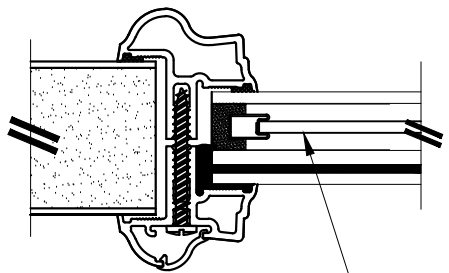
INTERNAL GRID (GBG)



PRIVACY INSERT



WROUGHT IRON INSERT



DECORATIVE INSERT

### 1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS

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FBPE Registry No. 9813

PRODUCT: **THERMA-TRU  
FIBERGLASS DOOR**

PART OR ASSEMBLY:

GLAZING DETAILS

| NO. | DATE    | REVISIONS               |     |     |     |
|-----|---------|-------------------------|-----|-----|-----|
|     |         | DATE                    | BY  | JK  | LFS |
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) | FBC | LFS |     |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) | FBC | LFS |     |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) | FBC | LFS |     |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) | FBC | JK  |     |

DATE: 4/28/15

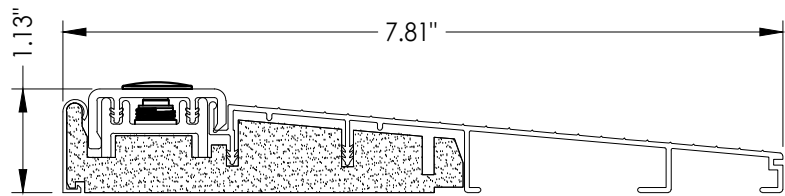
SCALE: N.T.S.

DWG. BY: JK

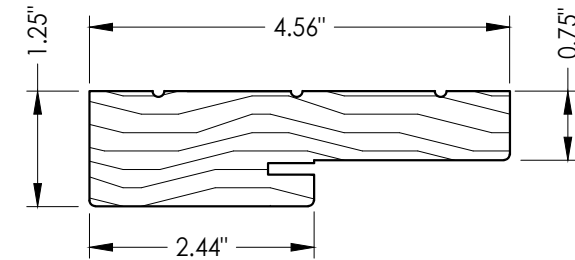
CHK. BY: LFS

DRAWING NO.: FL-13459.2

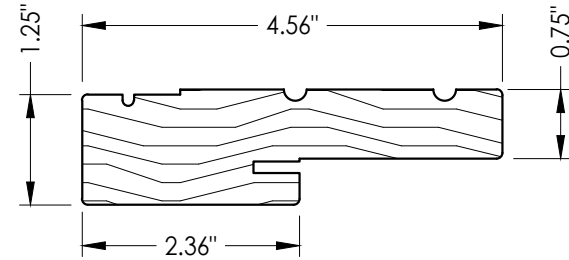
SHEET 13 OF 15



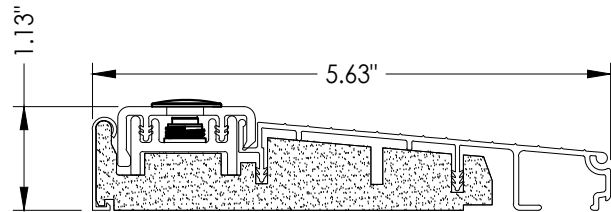
**32 INSWING THRESHOLD**  
Inswing Composite Adjustable 7-3/4" Sill



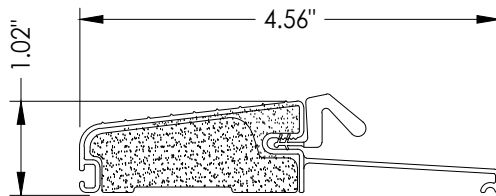
**1 WOOD JAMB**



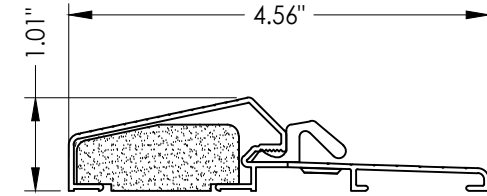
**2 WOOD JAMB**



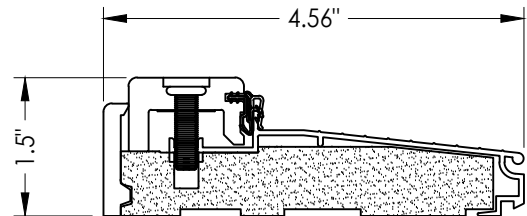
**39 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



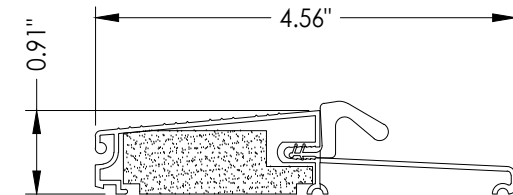
**16 OUTSWING THRESHOLD**  
Composite Sill



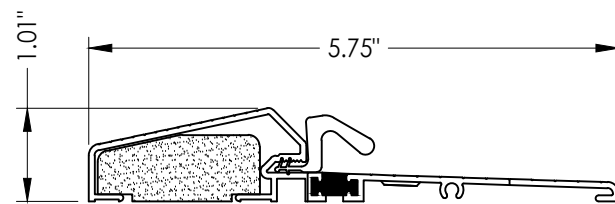
**17 OUTSWING THRESHOLD**  
Composite / Aluminum Sill



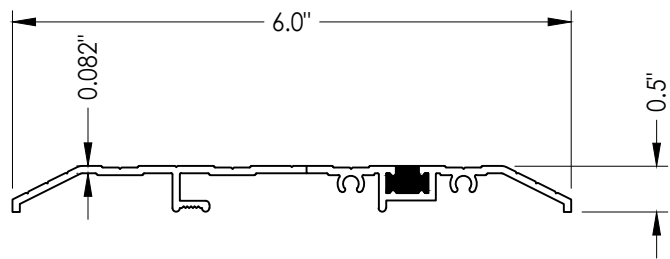
**38 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



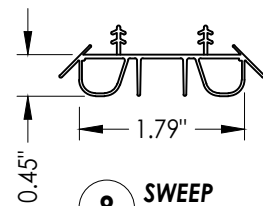
**19 OUTSWING THRESHOLD**  
Composite Sill



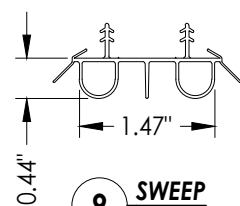
**18 OUTSWING THRESHOLD**  
Composite / Aluminum Sill  
(Thermal Break)



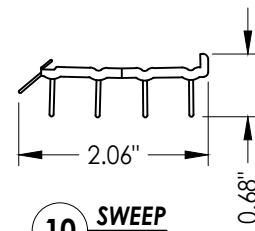
**15 PUBLIC ACCESS THRESHOLD**



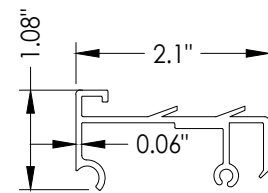
**8 SWEEP**



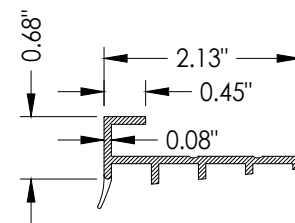
**9 SWEEP**



**10 SWEEP**



**75 SIDELITE SPACER**



**76 SIDELITE SPACER**

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FBPE Registry No. 9813

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

| NO. | DATE    | REVISIONS               |     |     |     |             |
|-----|---------|-------------------------|-----|-----|-----|-------------|
|     |         | DATE                    | BY  | CHK | APP | DESCRIPTION |
| 4   | 7/02/26 | UPDATE TO 9th ED (2026) | FBC | LFS |     |             |
| 3   | 7/10/23 | UPDATE TO 8th ED (2023) | FBC | LFS |     |             |
| 2   | 7/14/20 | UPDATE TO 7th ED (2020) | FBC | LFS |     |             |
| 1   | 7/17/19 | UPDATE TO 6th ED (2017) | FBC | JK  |     |             |

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-13459.2

SHEET 14 OF 15

| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 1X BUCK (SG >= 0.42)                                                                           | WOOD      |
| B                 | 2X BUCK (SG >= 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                 | #10 X 2" PFH WOOD SCREW                                                                        | STEEL     |
| G                 | 3/16" X 3-1/4" ITW CONCRETE SCREW                                                              | STEEL     |
| I                 | 1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| K                 | 1/2" X 1" X 25 GA. CORRUGATED FASTENER                                                         | STEEL     |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL     |
| M                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL     |
| N                 | 3/16" X 2-3/4" ITW CONCRETE SCREW                                                              | STEEL     |
| X                 | 2X MULLION                                                                                     | WOOD      |
| 1                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      |
| 2                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      |
| 6                 | WEATHERSTRIP (MEDIUM REACH)                                                                    | FOAM      |
| 7                 | WEATHERSTRIP (LONG REACH)                                                                      | FOAM      |
| 8                 | SWEEP                                                                                          | VINYL     |
| 9                 | SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)                                                      | VINYL     |
| 10                | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)                                                         | VINYL     |
| 15                | PUBLIC ACCESS THRESHOLD                                                                        | ALUM      |
| 16                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 17                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 18                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 19                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 22                | #8 x 3/4" PFH WOOD SCREW                                                                       | STEEL     |
| 23                | #10 x 3/4" PFH WOOD SCREW                                                                      | STEEL     |
| 24                | #10 x 1" PFH WOOD SCREW                                                                        | STEEL     |

| BILL OF MATERIALS |                            |           |
|-------------------|----------------------------|-----------|
| ITEM #            | DESCRIPTION                | MATERIAL  |
| 25                | #8 x 2-1/2" PFH WOOD SCREW | STEEL     |
| 26                | #8 x 5/8" PFH WOOD SCREW   | STEEL     |
| 27                | LATCH STRIKE PLATE         | STEEL     |
| 28                | DEADBOLT STRIKE PLATE      | STEEL     |
| 28A               | DEADBOLT SUB STRIKE PLATE  | STEEL     |
| 29                | 4" X 4" HINGE              | STEEL     |
| 32                | INSWING THRESHOLD          | ALUM/COMP |
| 34                | INTERIOR MULL CASING       | WOOD      |
| 35                | EXTERIOR MULL CASING       | WOOD      |
| 38                | INSWING THRESHOLD          | ALUM/COMP |
| 39                | INSWING THRESHOLD          | ALUM/COMP |
| 40                | DOOR PANEL (BOOK)          | -         |
| 41                | DOOR PANEL (HYBRID)        | -         |
| 42                | DOOR PANEL (U1)            | -         |
| 50                | SIDELITE                   | -         |
| 75                | SIDELITE SPACER (INSWING)  | PVC       |
| 76                | SIDELITE SPACER (OUTSWING) | PVC       |

### CORROSION RESISTANCE - SALTWATER ENVIRONMENT

*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 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.

[illegible]