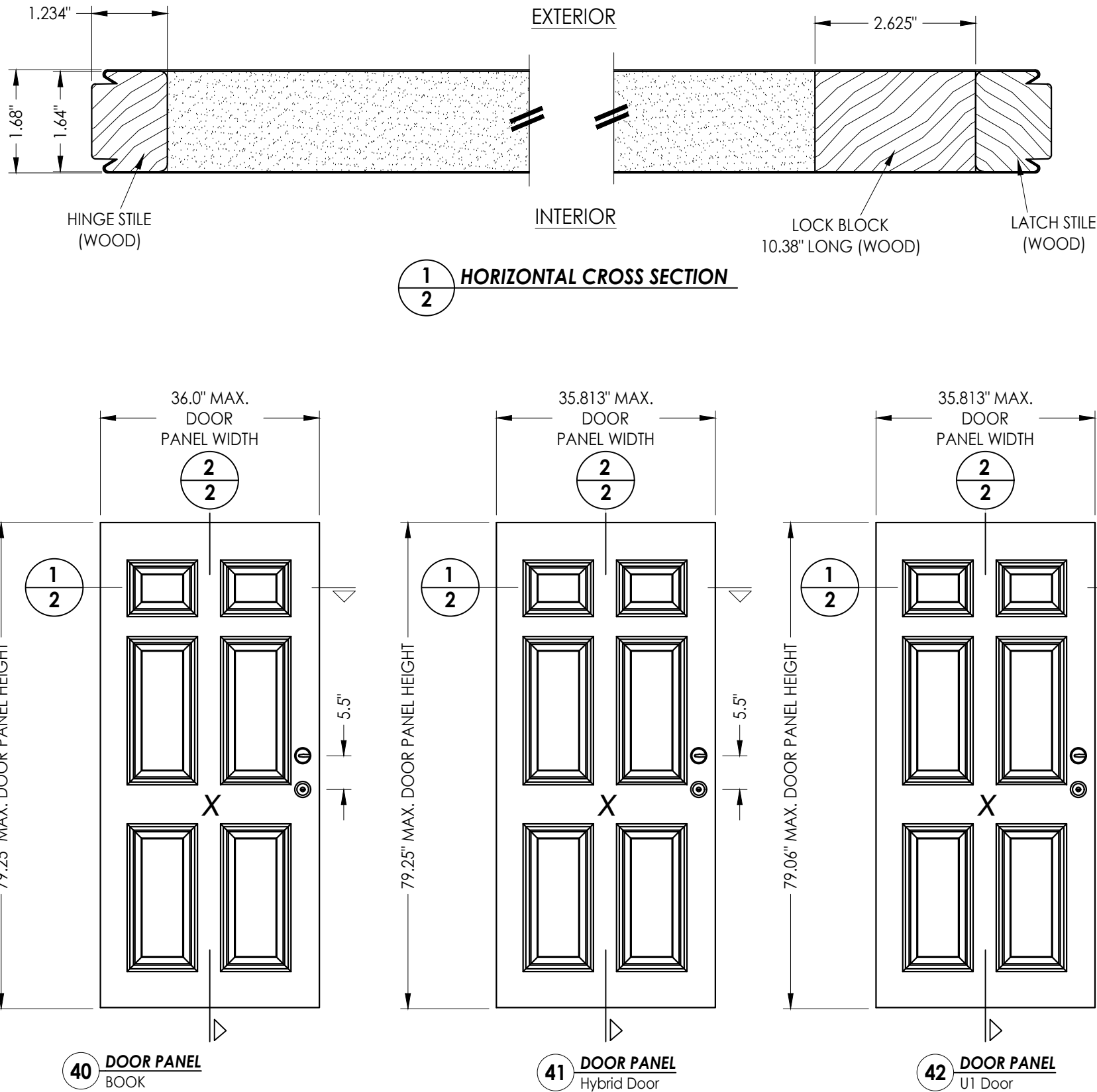
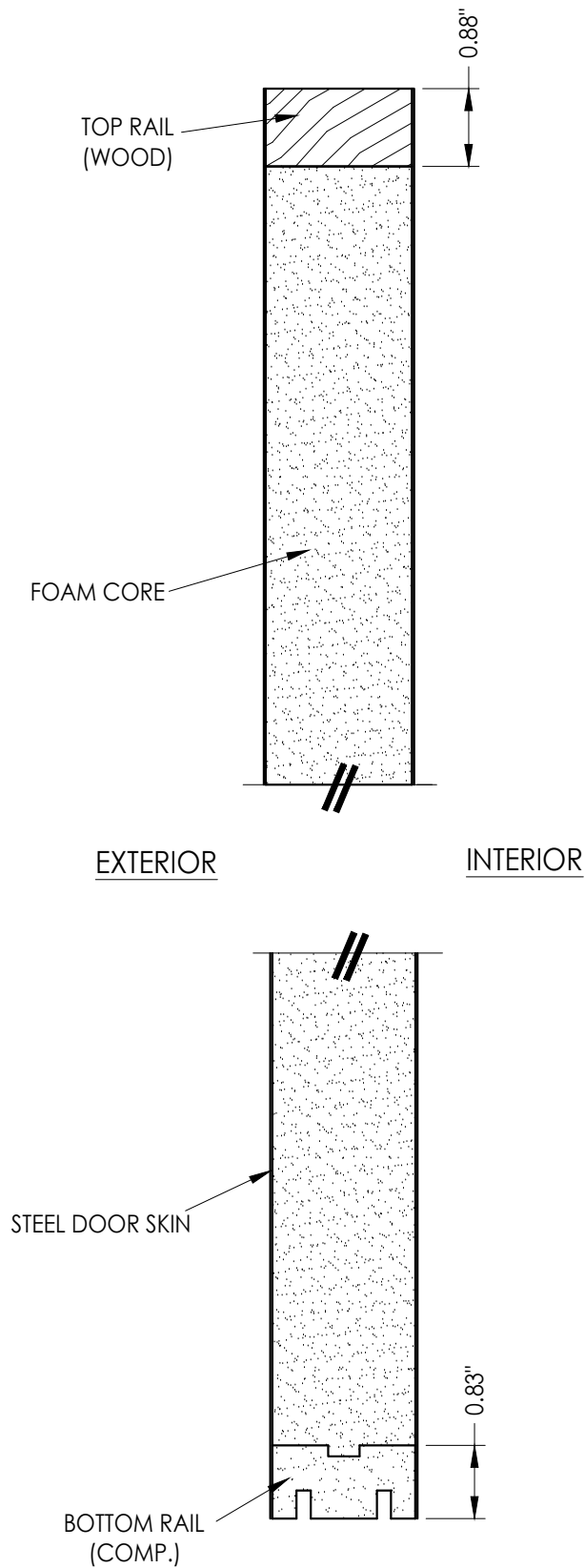




G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg



1  
2 **HORIZONTAL CROSS SECTION**



2  
2 **VERTICAL CROSS SECTION**

**"PROFILES" SERIES DOOR PANEL**

STEEL DOOR SKIN: 24 GA. (0.022" MIN. THICKNESS,  $F_y = 48,470$  PSI MIN.)  
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

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  
STEEL DOOR**  
PART OR ASSEMBLY: **"PROFILES"  
DOOR PANEL DETAILS**

| NO. | DATE    | REVISIONS                |     |     |
|-----|---------|--------------------------|-----|-----|
|     |         | DATE                     | BY  |     |
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| 1   | 7/15/20 | UPDATE TO 7th ED (2020)  | FBC | PO  |

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-23507.4

SHEET 2 OF 15

Diagram illustrating the cross-section of a door assembly, showing the exterior and interior views.

**Exterior View (Top):**

- TOP RAIL (WOOD):** The uppermost layer, indicated by a hatched pattern.
- FOAM CORE:** The central insulating layer, indicated by a stippled pattern.
- Height:** The top rail has a height of 0.88".

**Interior View (Bottom):**

- STEEL DOOR SKIN:** The outer layer on the interior side, indicated by a solid black line.
- BOTTOM RAIL (COMP.):** The lowermost layer, indicated by a hatched pattern.
- Height:** The bottom rail has a height of 0.83".

A break symbol (//) is shown in the middle of the door assembly, indicating that the door is taller than shown.

© 2017 R.W. BUILDING CONSULTANTS INC.

36.0" MAX.  
SIDELITE  
PANEL WIDTH

79.25" MAX. SIDELITE PANEL HEIGHT

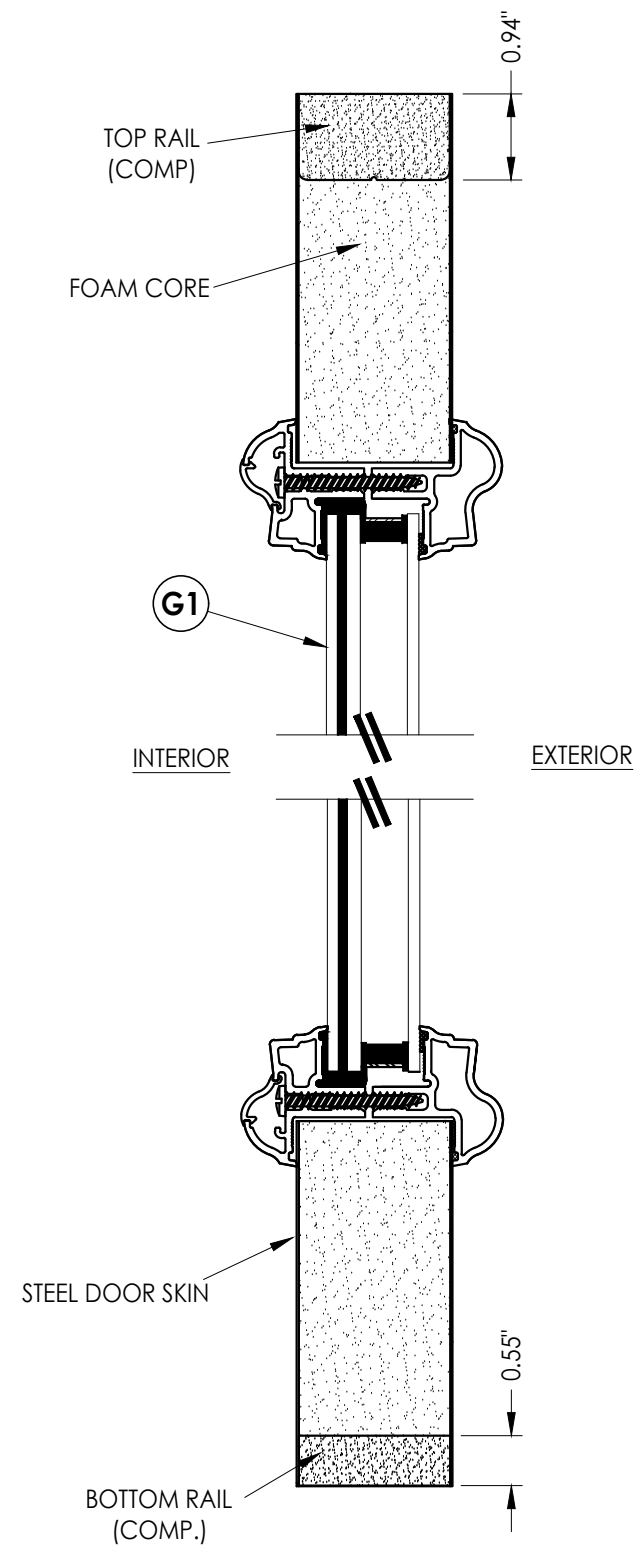
1  
4

2  
4

O

Technical drawing of a rectangular panel. The drawing shows a large outer rectangle and a smaller inner rectangle with a double-line border. Inside the inner rectangle is a large letter 'O'. Two dashed diagonal lines are drawn within the inner rectangle, one in the top right and one in the bottom left. Dimension lines with arrows indicate the width and height of the panel. The width is labeled '36.0" MAX. SIDELITE PANEL WIDTH' and the height is labeled '79.25" MAX. SIDELITE PANEL HEIGHT'. Two circular callouts are present: one on the left with the number '1' over '4' and a horizontal line pointing to the left edge of the inner rectangle, and one at the top with the number '2' over '4' and a vertical line pointing to the top edge of the inner rectangle. A small triangle is located at the bottom center of the drawing, and another small triangle is on the right edge, aligned with the horizontal dimension line.

STEEL SKIN "PROFILES": 24 GA. (0.022" MIN. THICKNESS,  $F_y = 48,470$  PSI MIN.)  
STEEL SKIN "TRADITIONS": 25 GA. (0.018" MIN. THICKNESS,  $F_y = 27,830$  PSI MIN.)  
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)



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

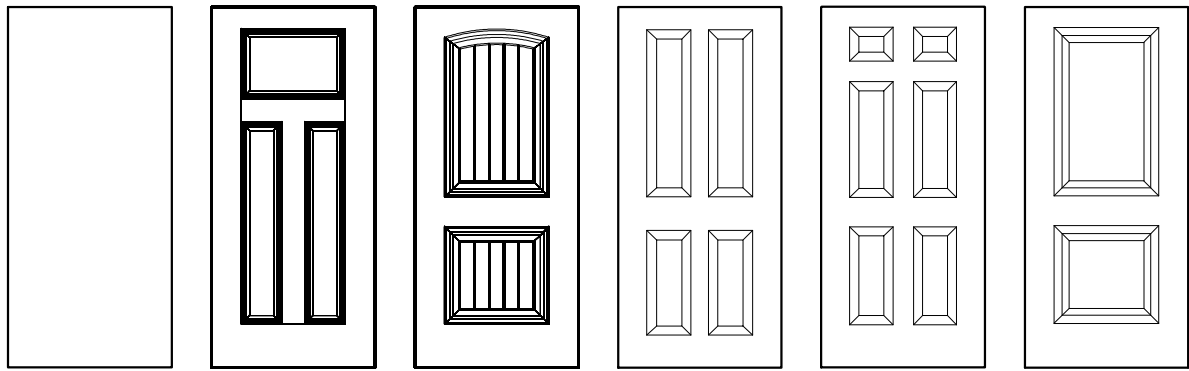
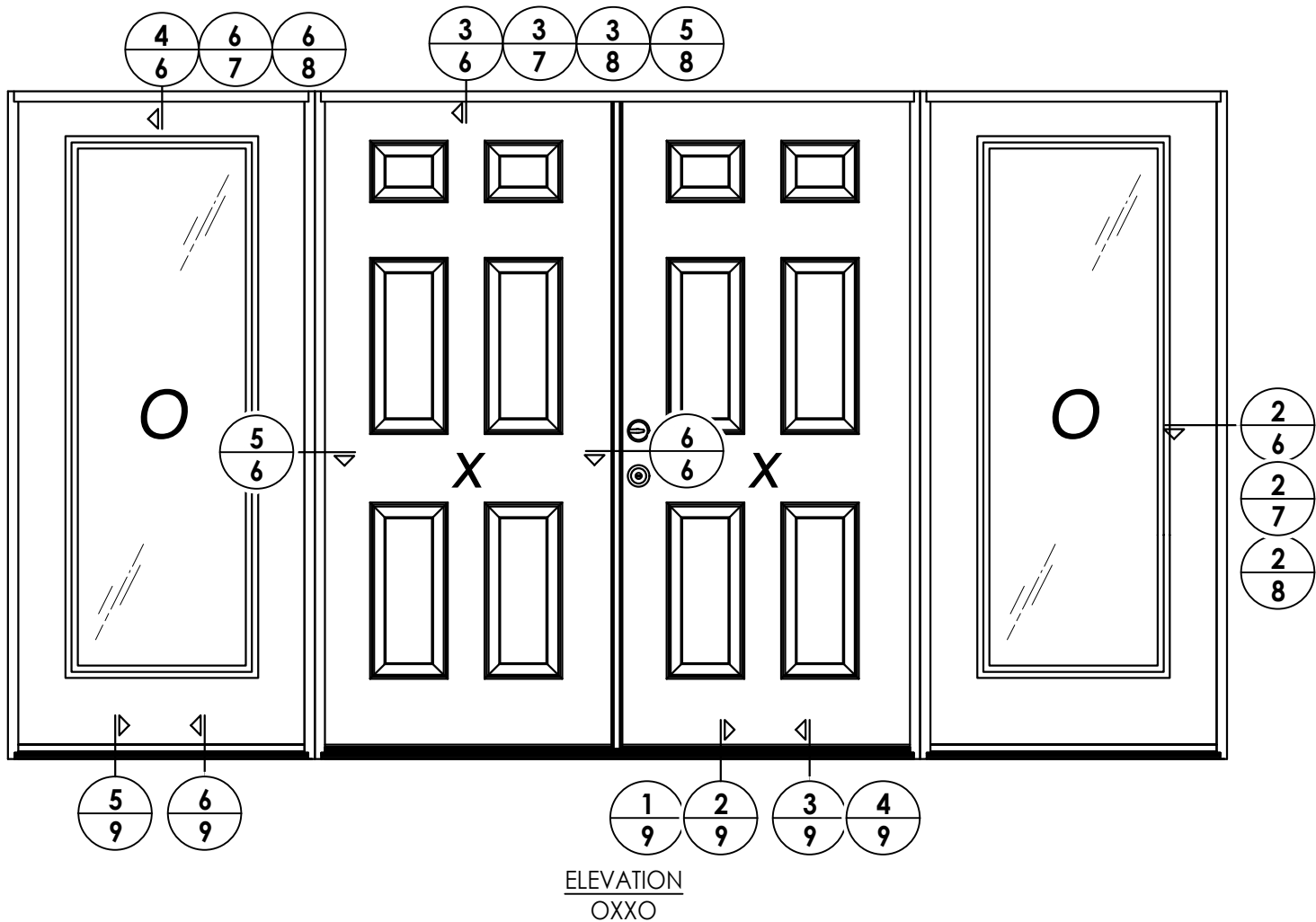
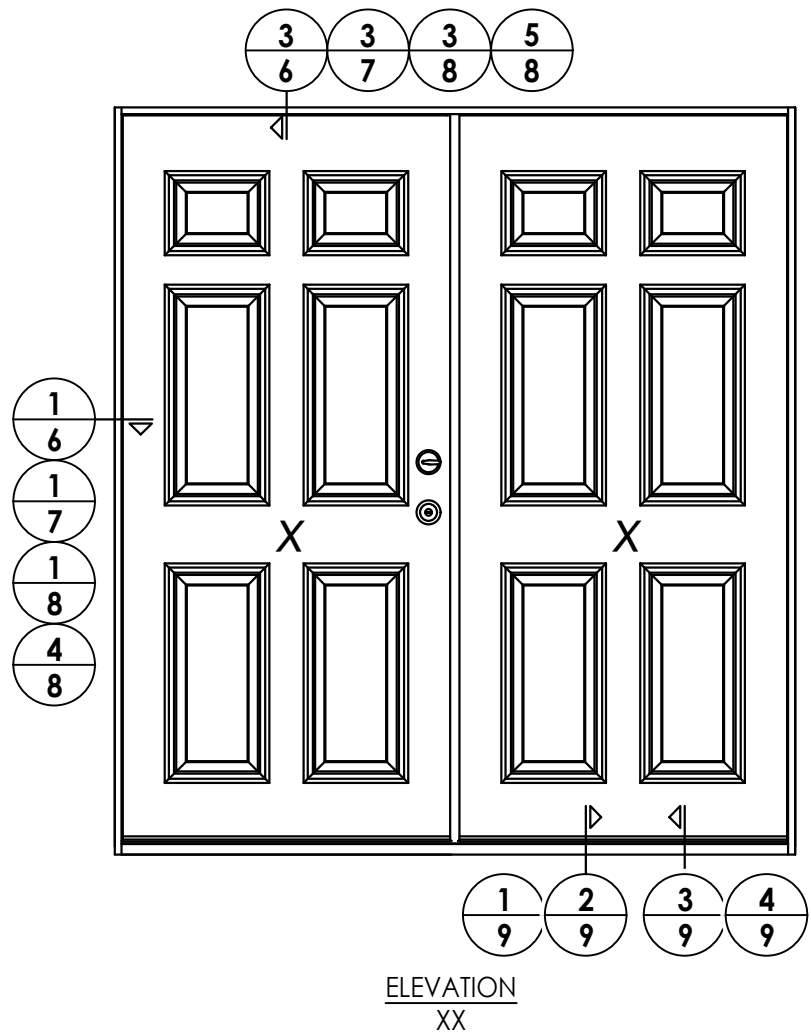
|     |         |                    |        |         |
|-----|---------|--------------------|--------|---------|
|     |         |                    |        |         |
|     |         |                    |        |         |
|     |         |                    |        |         |
| 3   | 7/02/26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

|              |            |
|--------------|------------|
| DATE:        | 10/12/17   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-23507.4 |
| SHEET        | 4 OF 15    |

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

**RW**  
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 333  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg



**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) |

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

Therma-Tru  
Steel Door

Part or Assembly:  
Elevations

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-23507.4

SHEET 5 OF 15

REVISIONS

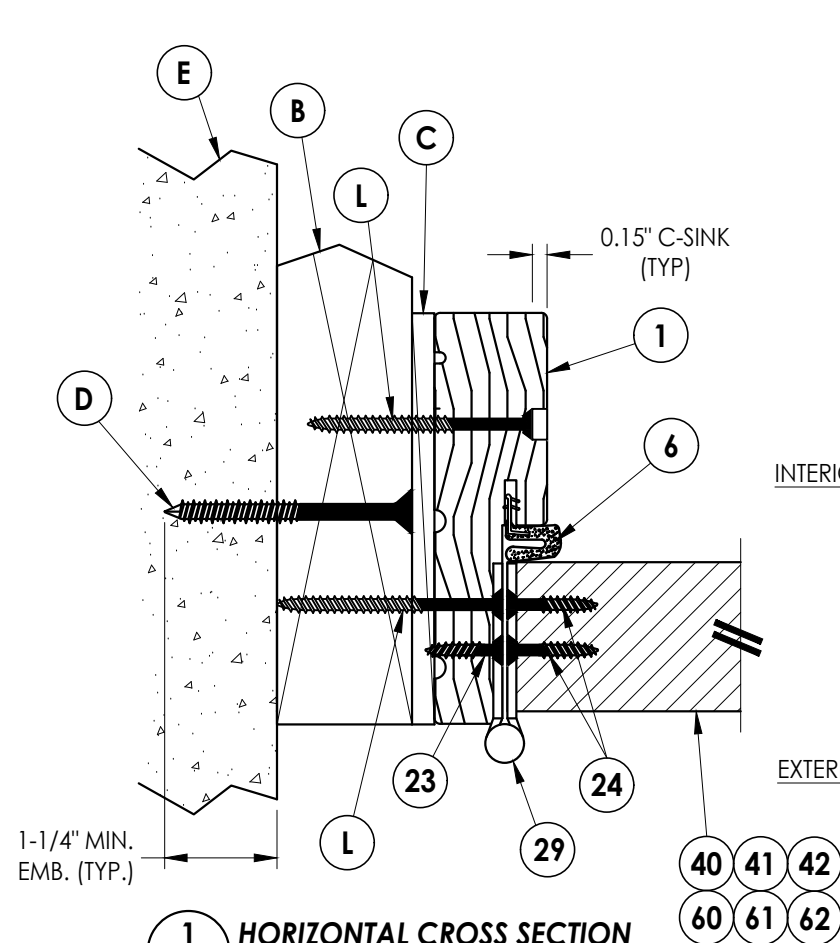
| NO. | DATE    | BY                       | REVISIONS |
|-----|---------|--------------------------|-----------|
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC LFS   |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) | FBC LFS   |
| 1   | 7/15/20 | UPDATE TO 7TH ED. (2020) | FBC PO    |

BUILDING CONSULTANTS, INC.

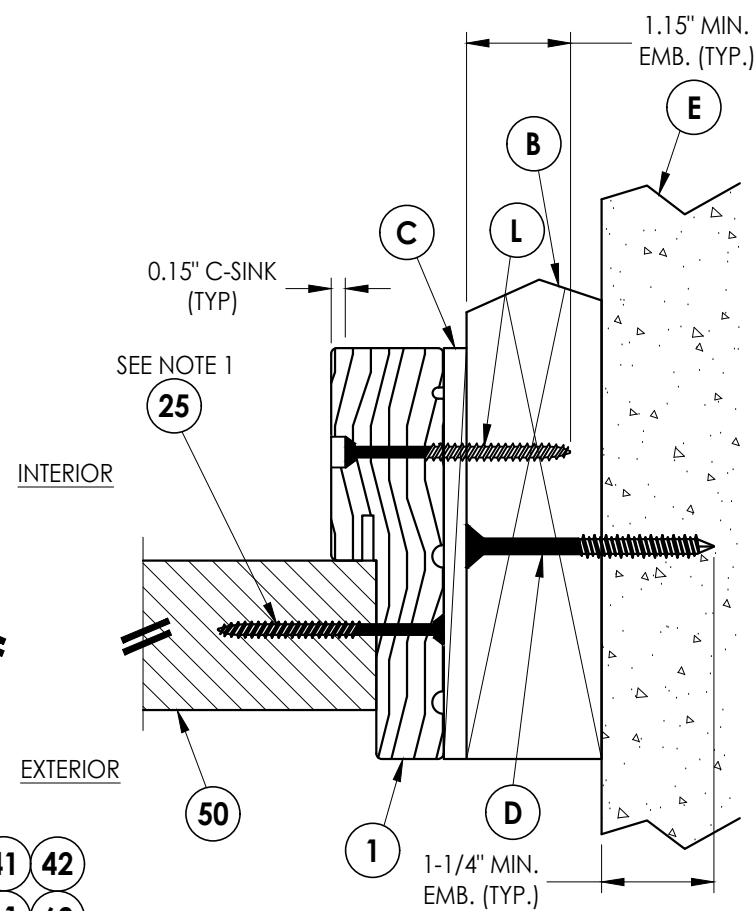
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

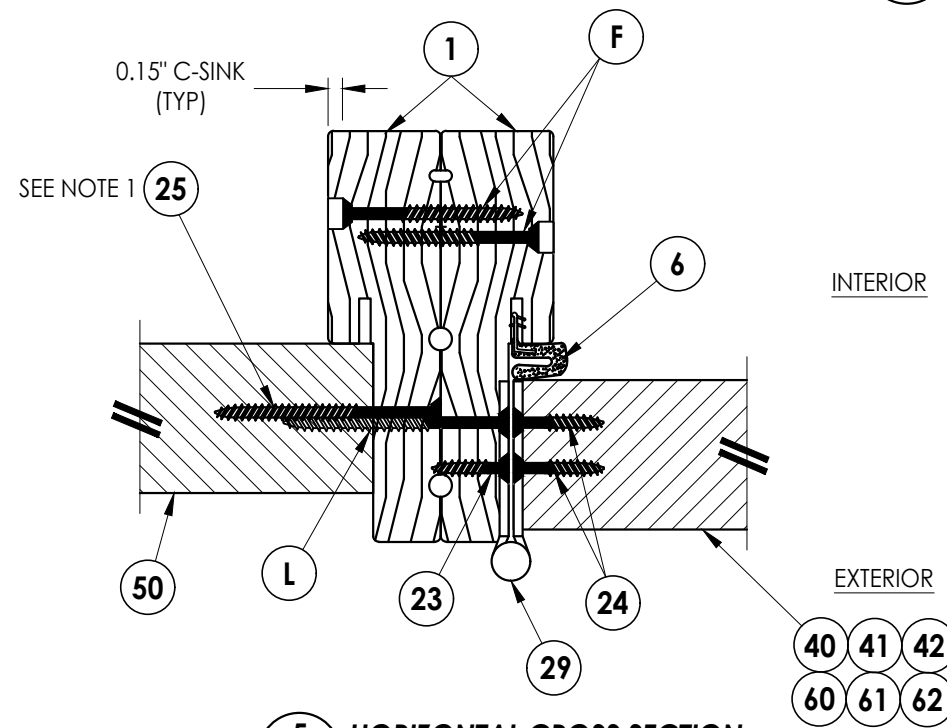
FBPE Registry No. 9813



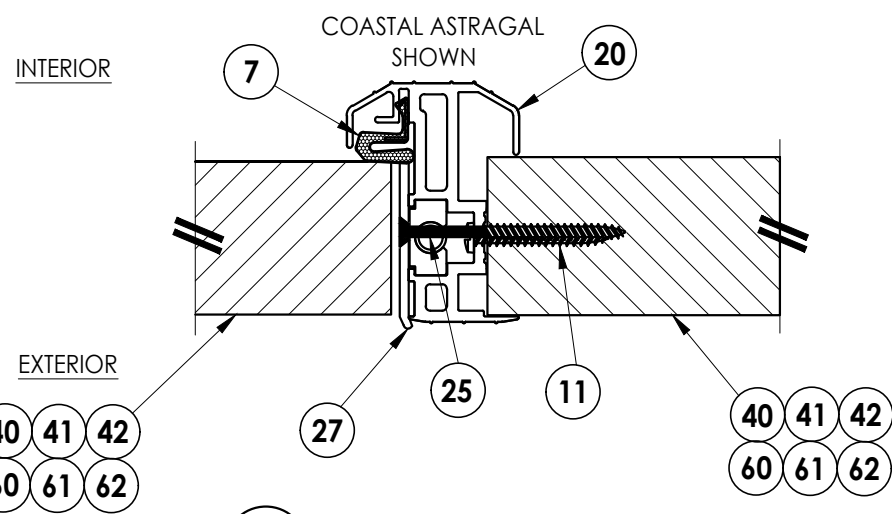
**1** **HORIZONTAL CROSS SECTION**  
**6** Shown w/ 2X Buck  
 Outswing shown (Inswing similar)



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



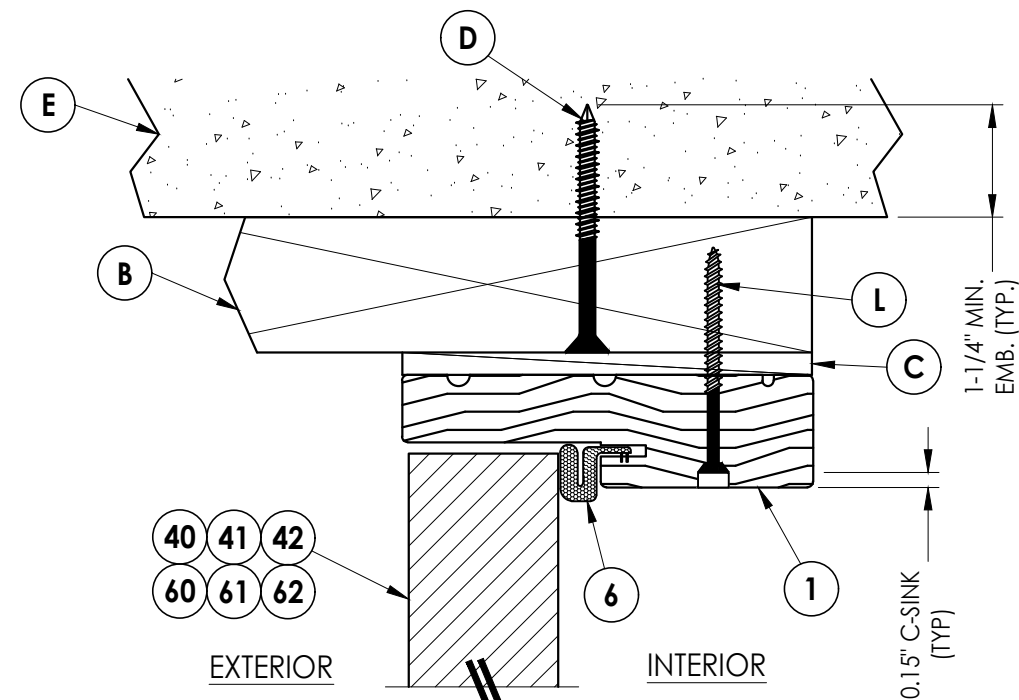
### 5 **HORIZONTAL CROSS SECTION**



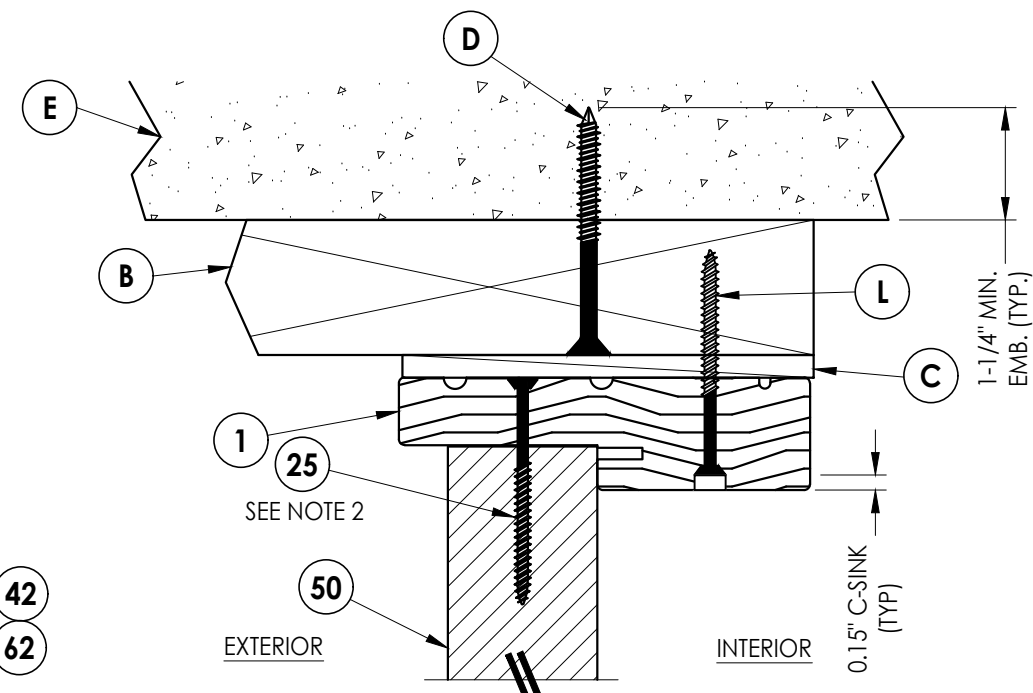
**6 HORIZONTAL CROSS SECTION**  
6 Outswing shown (Inswing similar)

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 3" from each end (2 screws along head jamb).



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



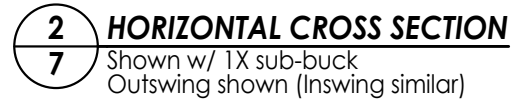
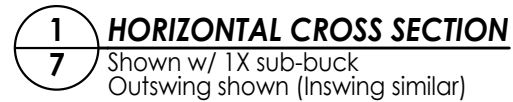
**4** **VERTICAL CROSS SECTION**  
**6** Shown w/ 2X Buck  
 Outswing shown (Inswing similar)

[illegible]

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

*R<sup>W</sup>* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
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 3" from each end (2 screws along head jamb).



|     |         |                          |     |     |  |
|-----|---------|--------------------------|-----|-----|--|
|     |         |                          |     |     |  |
|     |         |                          |     |     |  |
|     |         |                          |     |     |  |
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |  |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |  |
| 1   | 7/15/20 | UPDATE TO 7th ED (2020)  | FBC | PO  |  |
| NO. | DATE    | REVISIONS                |     |     |  |

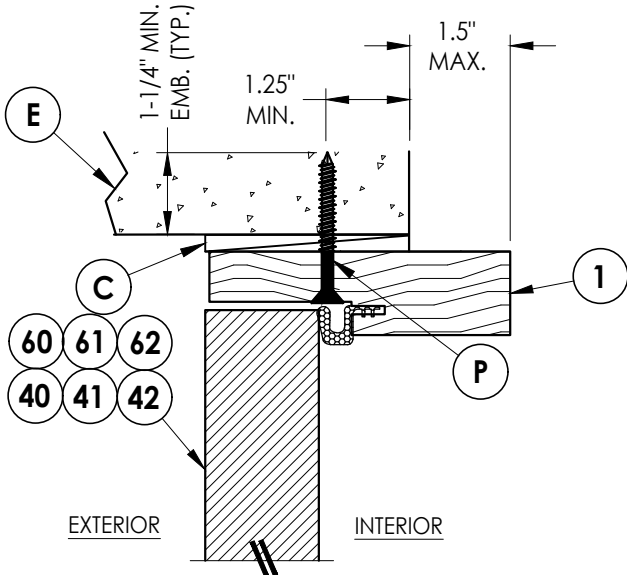
|              |            |
|--------------|------------|
| DATE:        | 10/12/17   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-23507.4 |
| SHEET        | 7 OF 15    |

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

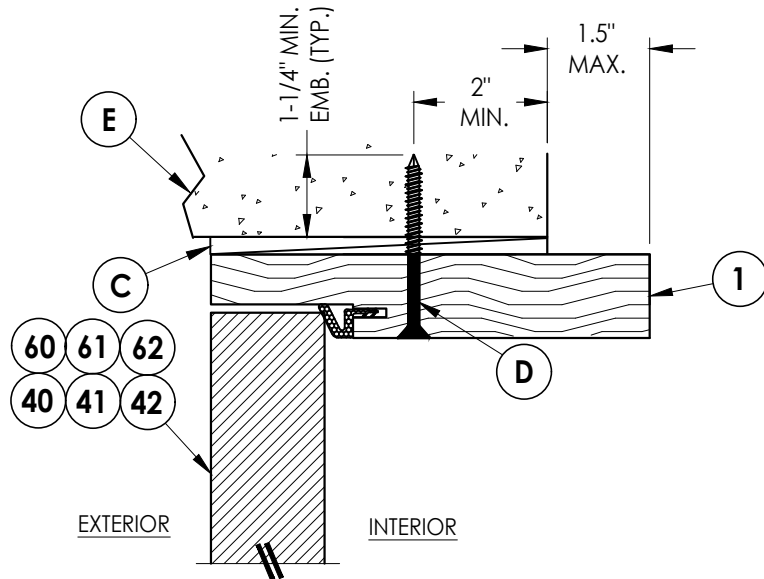
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33593

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

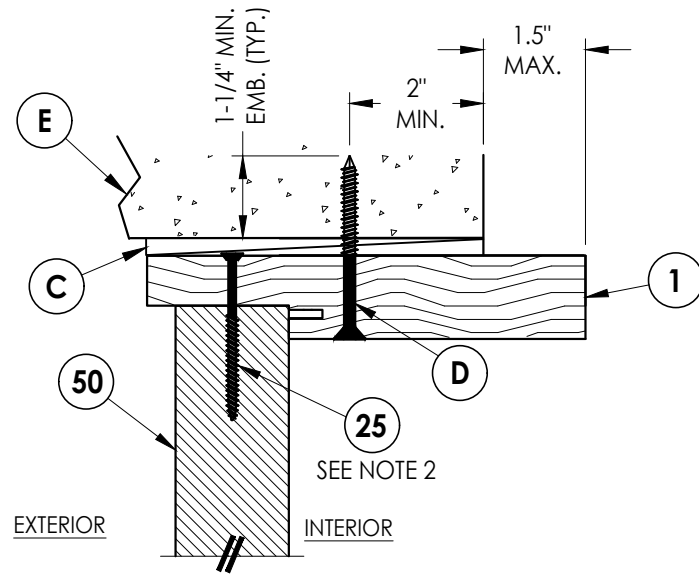
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg



**3**  
**8** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb  
Double Door Only (N/A w/ Sidelites)

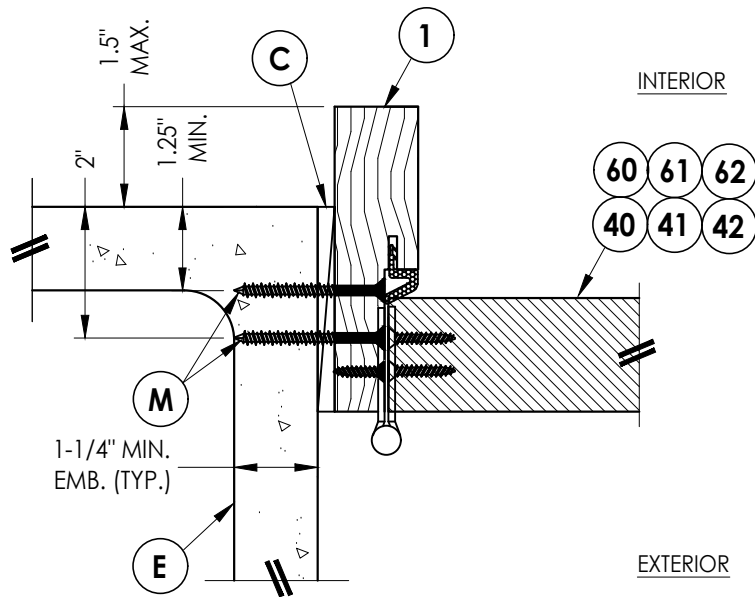


**5**  
**8** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

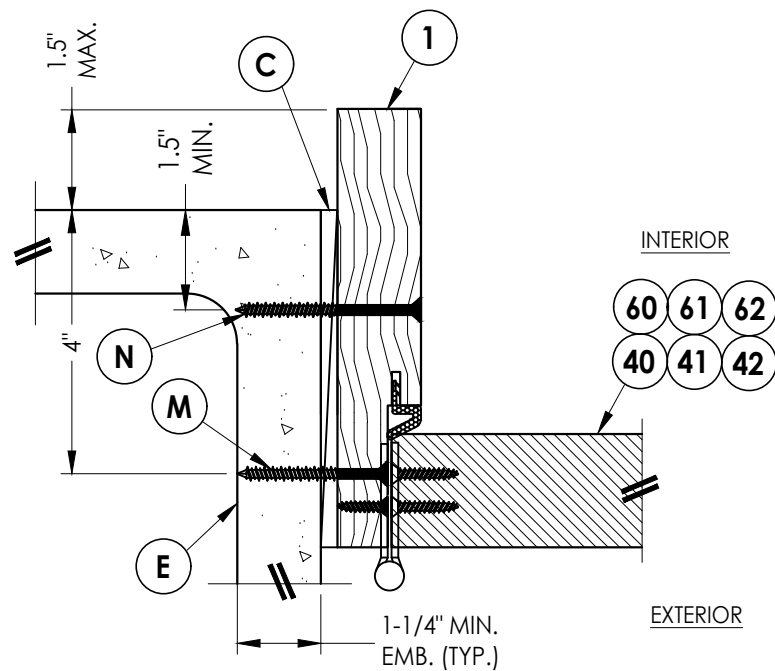


**6**  
**8** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

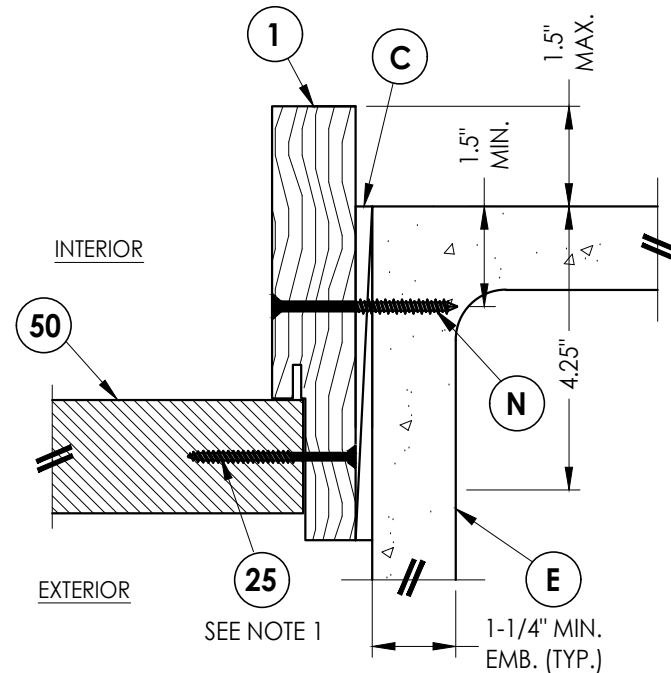
- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
  2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



**1**  
**8** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb  
Double Door Only (N/A w/ Sidelites)



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



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

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

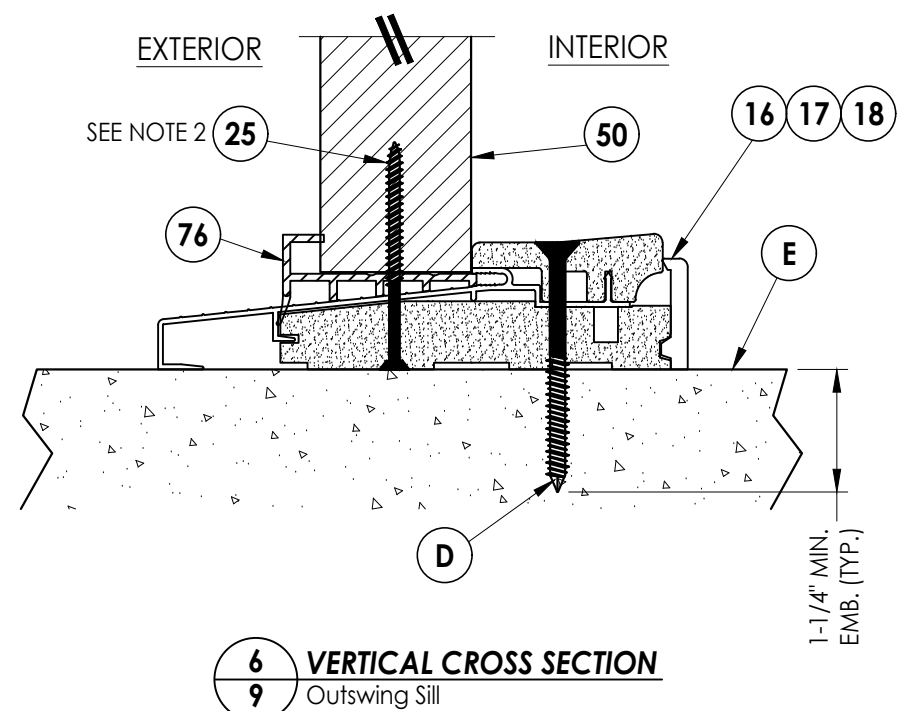
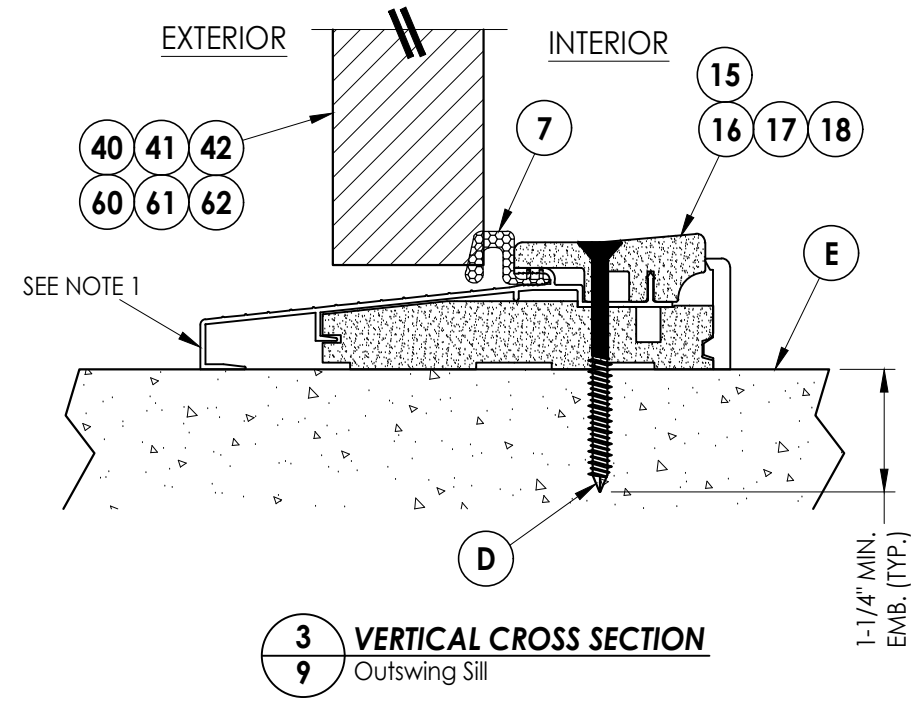
PRODUCT:  
THERMA-TRU  
STEEL DOOR

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

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 1   | 7/15/20 | UPDATE TO 7th ED (2020) FBC PO   |
| NO. | DATE    | BY                               |

|              |            |
|--------------|------------|
| DATE:        | 10/12/17   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-23507.4 |
| SHEET        | 8 OF 15    |

1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.  
Sill Item #'s 16 & 33 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.  
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph screws at each end.
2. Sidelite assembly screws located 4" from each end (2 screws along sill).



|                                                               |         |                                                                                                                    |         |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|---------|
| 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>STEEL DOOR                          |         | PART OR ASSEMBLY:<br>VERTICAL CROSS<br>SECTIONS (THRESHOLDS)                                                       |         |
|                                                               |         |                                                                                                                    |         |
|                                                               |         |                                                                                                                    |         |
|                                                               |         |                                                                                                                    |         |
| 3                                                             | 7/02/26 | UPDATE TO 9TH ED. (2026)                                                                                           | FBC LFS |
| 2                                                             | 8/17/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 1                                                             | 7/15/20 | UPDATE TO 7th ED (2020)                                                                                            | FBC PO  |
| NO.                                                           | DATE    |                                                                                                                    | BY      |
| REVISIONS                                                     |         |                                                                                                                    |         |
| DATE: 10/12/17                                                |         |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |         |
| DWG. BY: JK                                                   |         |                                                                                                                    |         |
| CHK. BY: LFS                                                  |         |                                                                                                                    |         |
| DRAWING NO.: FL-23507.4                                       |         |                                                                                                                    |         |
| SHEET 9 OF 15                                                 |         |                                                                                                                    |         |

MASONRY  
(TYP.)

2X BUCK  
(TYP.) \

## 2X BUCK ANCHORING

OXXO

4" (TYP.)

8" (TYP.)

ASTRAGAL

4" (TYP.)

8" (TYP.)

JAMBS

4" (TYP.)

19" MAX. O.C. (TYP.)

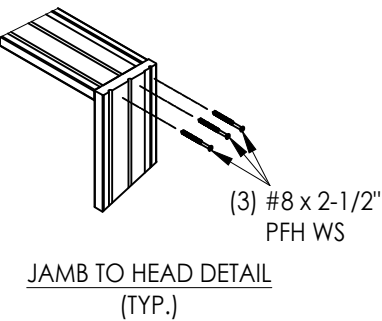
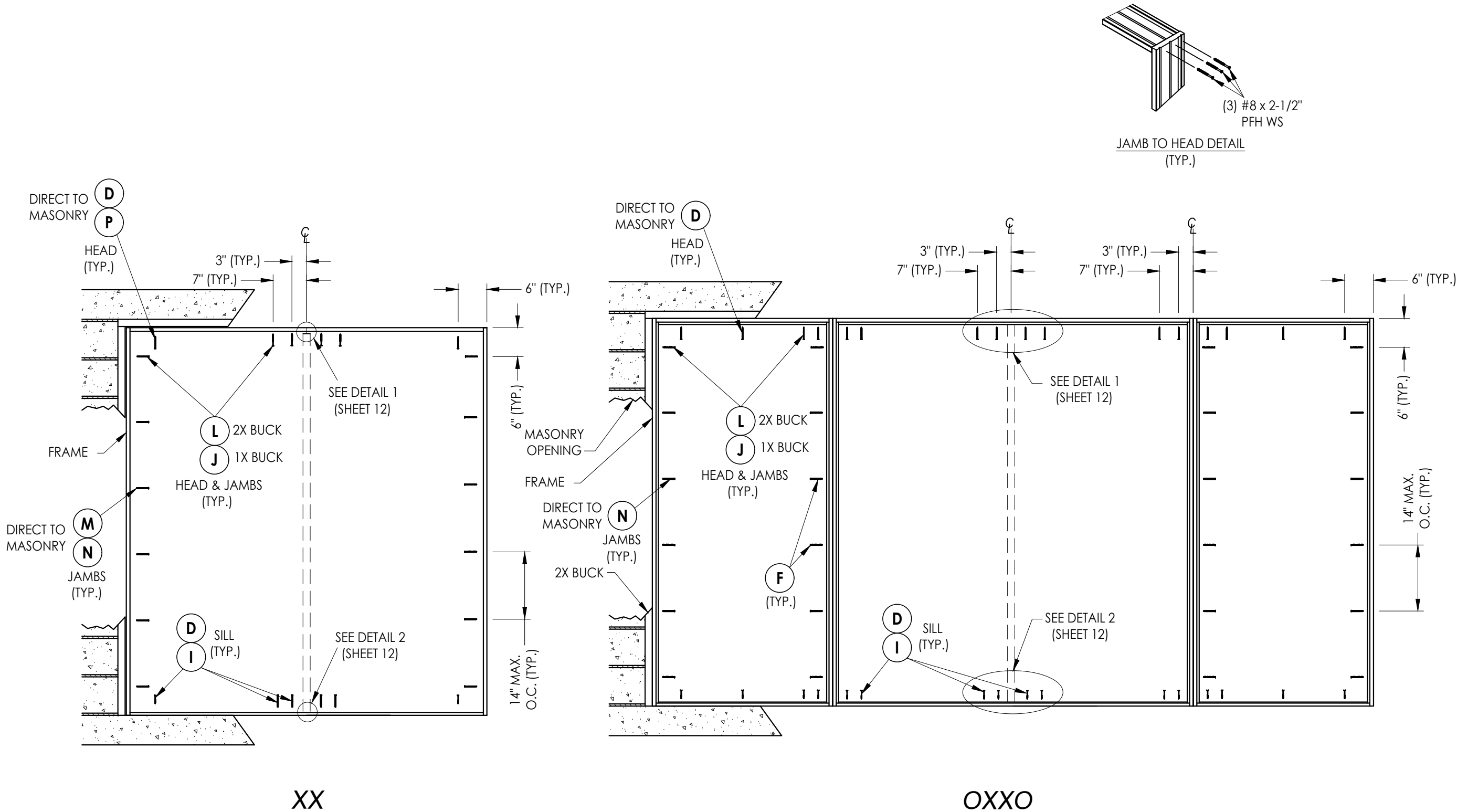
ASTRAGAL AND FRAME SHOWN FOR REFERENCE

[illegible]

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

***R<sup>g</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-23507 R3\FL-23507.1-5.dwg

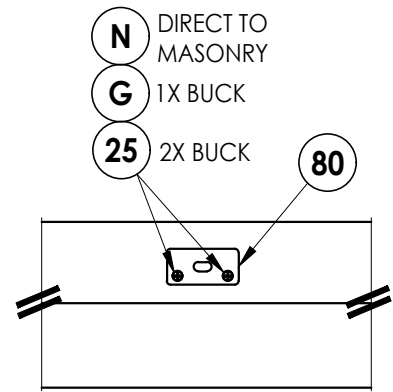


**FRAME ANCHORING**

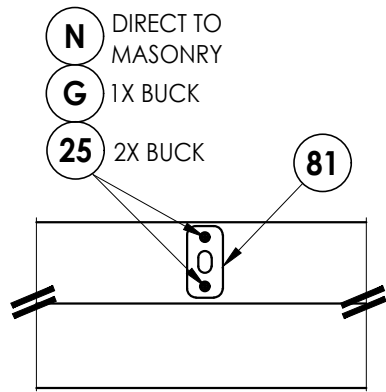
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

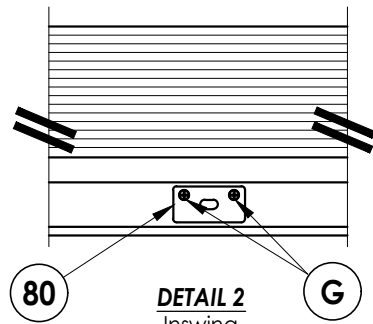
|                         |         |                          |     |
|-------------------------|---------|--------------------------|-----|
| PRODUCT:                |         | THERMA-TRU<br>STEEL DOOR |     |
| PART OR ASSEMBLY:       |         | FRAME ANCHORING          |     |
|                         |         | LFS                      | FBC |
| 3                       | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC |
| 2                       | 8/17/23 | UPDATE TO 8TH ED. (2023) | FBC |
| 1                       | 7/15/20 | UPDATE TO 7th ED (2020)  | FBC |
| NO.                     | DATE    |                          |     |
| REVISIONS               |         |                          |     |
| DATE: 10/12/17          |         |                          |     |
| SCALE: N.T.S.           |         |                          |     |
| DWG. BY: JK             |         |                          |     |
| CHK. BY: LFS            |         |                          |     |
| DRAWING NO.: FL-23507.4 |         |                          |     |
| SHEET 11 OF 15          |         |                          |     |



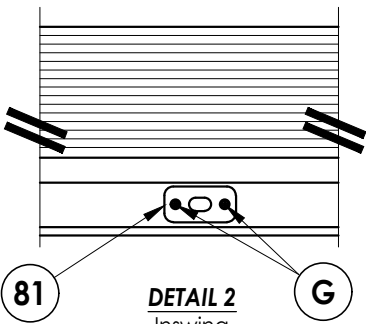
**DETAIL 1**  
Coastal Astragal Strike Plate @ Head



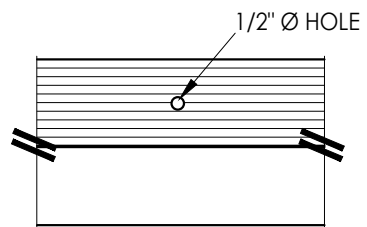
**DETAIL 1**  
Standard Astragal Strike Plate @ Head



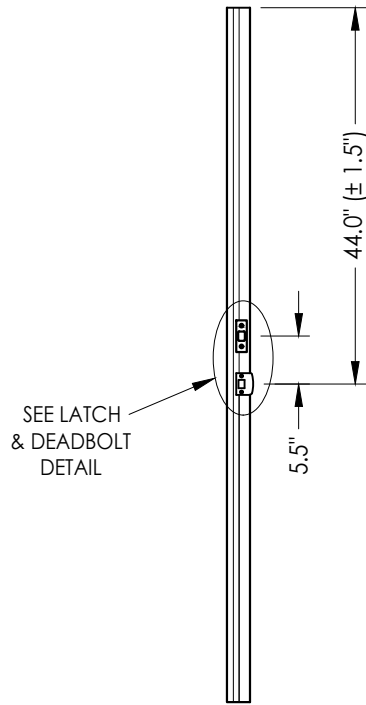
Coastal Astragal Strike Plate @ Sill



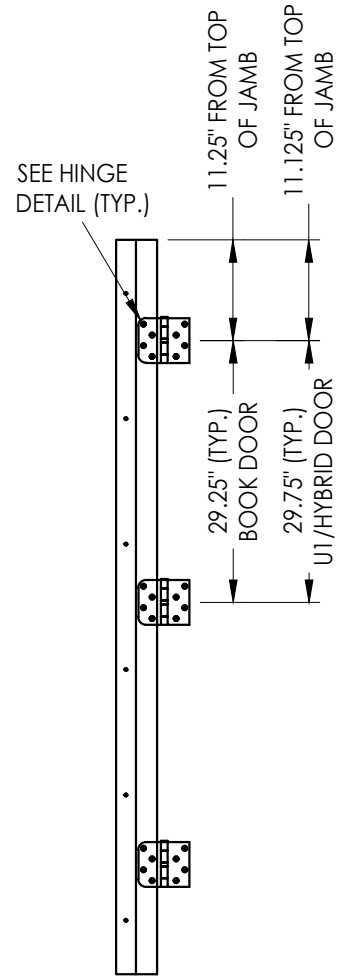
Standard Astragal Strike Plate @ Sill



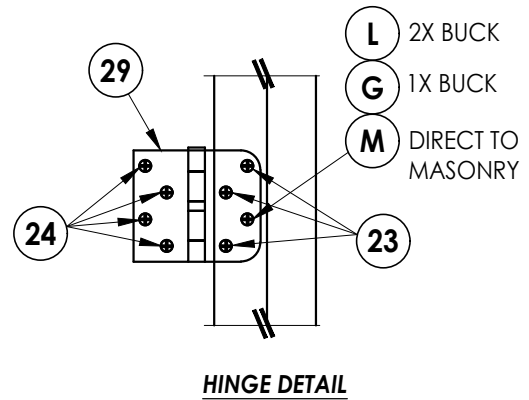
**DETAIL 2**  
Outswing  
Astragal Bolt Hole @ Sill



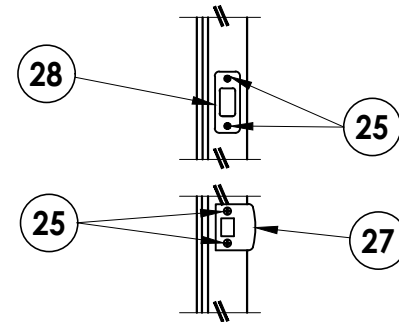
**ASTRAGAL**  
Latch and Deadbolt



**HINGE JAMB**



### HINGE DETAIL

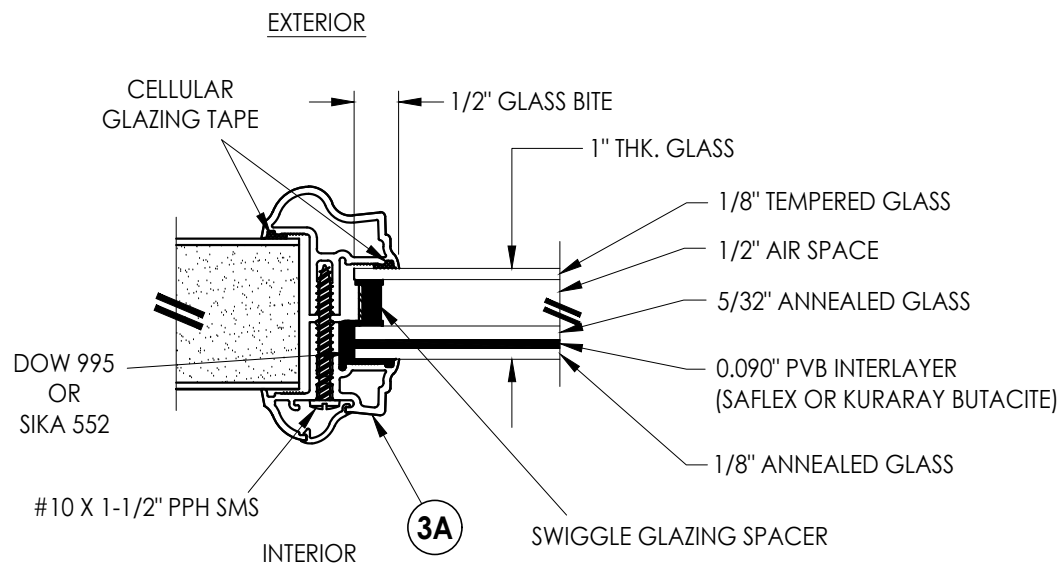


### LATCH & DEADBOLT DETAIL

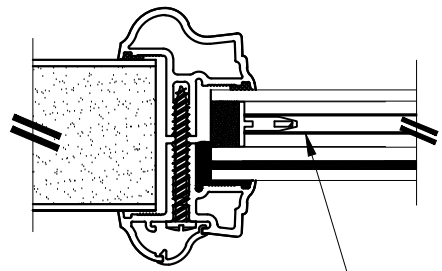
Schlage / Kwikset

|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| DATE: 10/12/17          |  |  |  |  |  |  |  |  |  | PRODUCT: THERMA-TRU<br>STEEL DOOR |  |  |  |  |  |  |  |  |  | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |  |  |  |  |  |  |  |  |
| SCALE: N.T.S.           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
| DWG. BY: JK             |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
| CHK. BY: LFS            |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
| DRAWING NO.: FL-23507.4 |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
| SHEET 12 OF 15          |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  | </                                |  |  |  |  |  |  |  |  |  |                                                               |  |  |  |  |  |  |  |  |  |

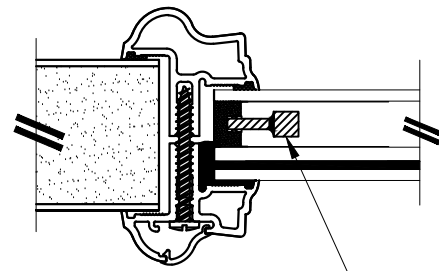
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg



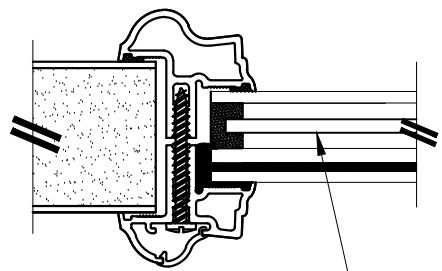
**G1 GLAZING DETAIL**  
Aluminum Impact Lite Frame  
Door Panels & Sidelites



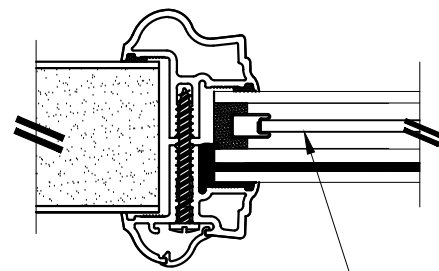
INTERNAL GRID (GBG)



WROUGHT IRON INSERT

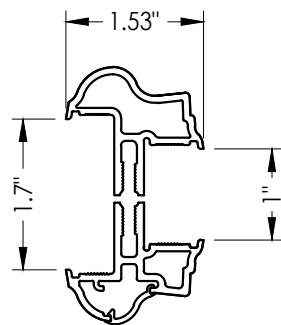


PRIVACY INSERT

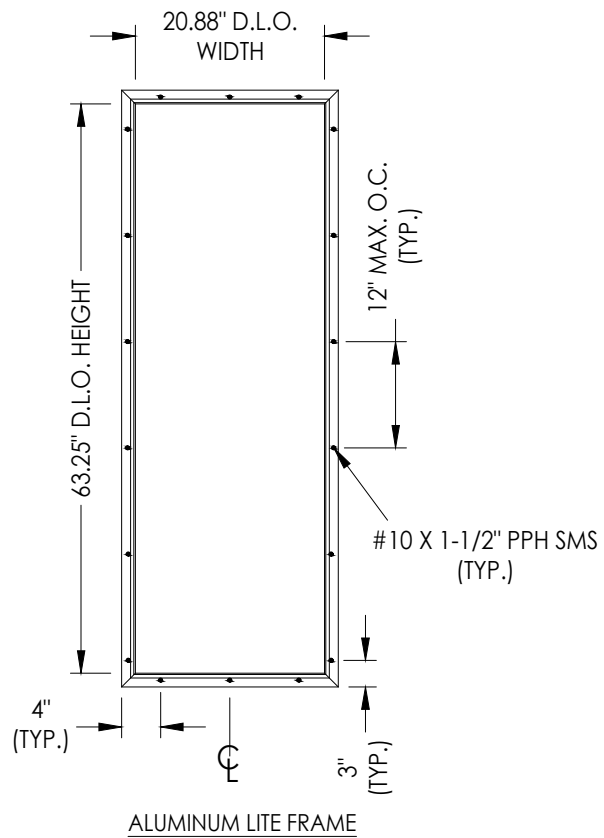


DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS



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



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  
STEEL DOOR

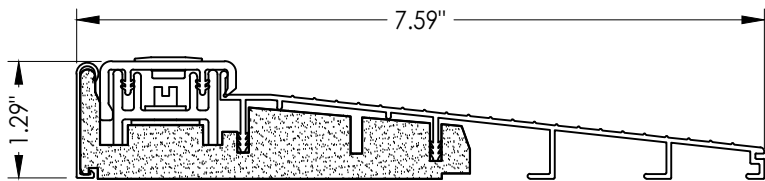
PART OR ASSEMBLY:

GLAZING DETAILS

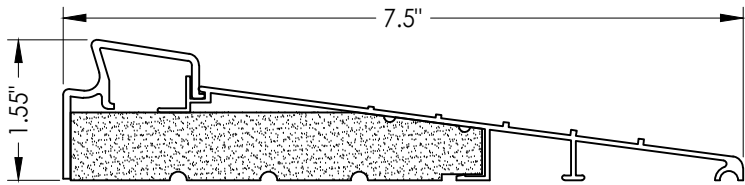
| REVISIONS |         |                              |     |
|-----------|---------|------------------------------|-----|
| NO.       | DATE    | DESCRIPTION                  | BY  |
| 3         | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 2         | 8/17/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 1         | 7/15/20 | UPDATE TO 7th ED (2020) FBC  | PO  |

|              |            |
|--------------|------------|
| DATE:        | 10/12/17   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-23507.4 |
| SHEET        | 13 OF 15   |

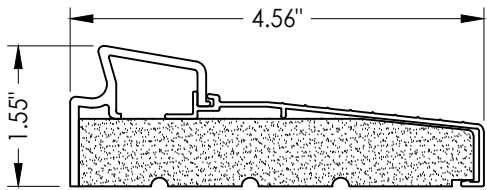
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg



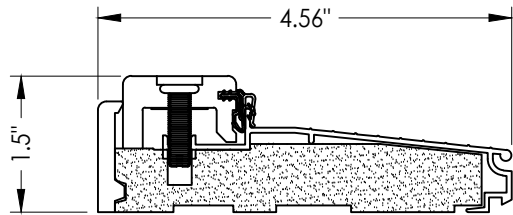
**32 INSWING THRESHOLD**  
Inswing Basic Composite Adjustable Sill 7-1/2"



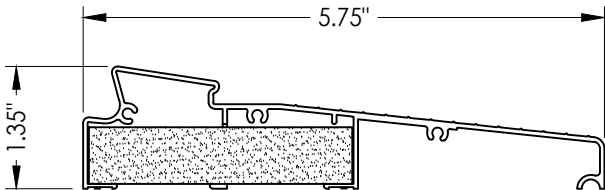
**37 INSWING THRESHOLD**  
Inswing Basic Fixed 7-1/2" Sill



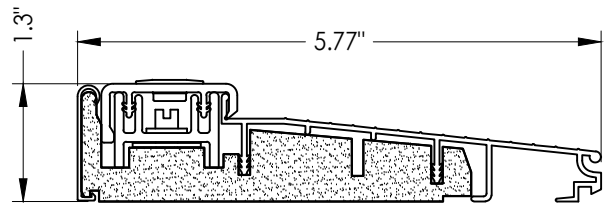
**33 INSWING THRESHOLD**  
Inswing Basic Fixed Sill



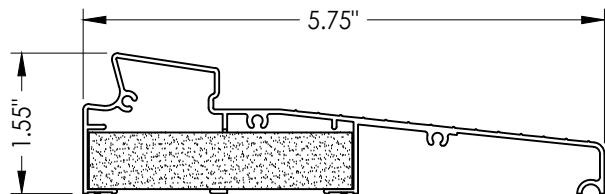
**38 INSWING THRESHOLD**  
Inswing Composite Adjustable Sill



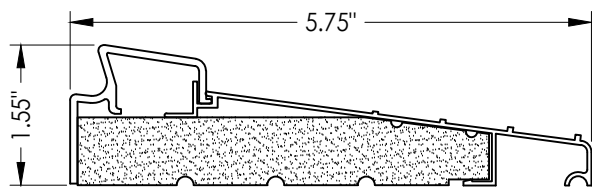
**34 INSWING THRESHOLD**  
Inswing Moderate Climate Sill 1-3/8"



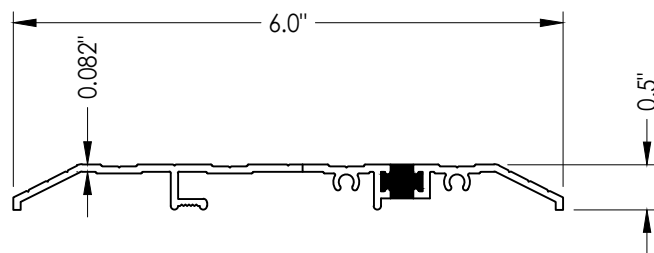
**39 INSWING THRESHOLD**  
Inswing Basic Composite Adjustable Sill



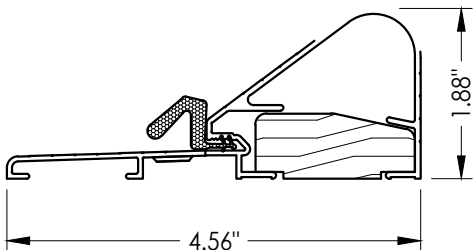
**35 INSWING THRESHOLD**  
Inswing Moderate Climate Sill



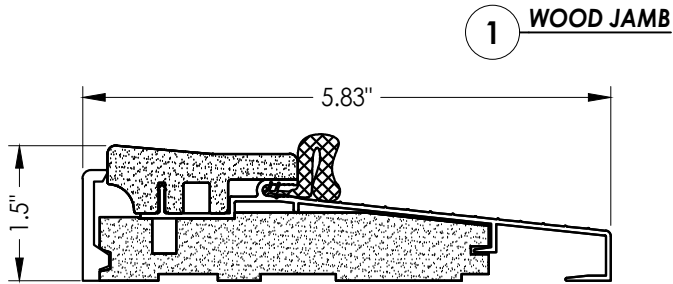
**36 INSWING THRESHOLD**  
Inswing Basic Fixed 5-3/4" Sill



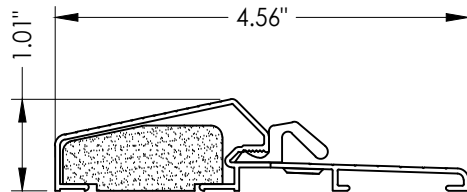
**15 PUBLIC ACCESS THRESHOLD**



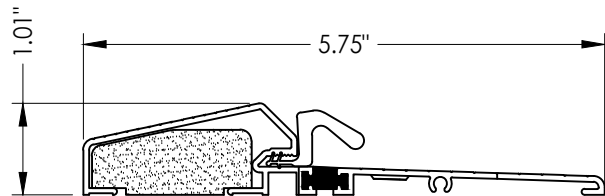
**31 OUTSWING**  
Threshold coastal



**16 OUTSWING THRESHOLD \***  
Composite Sill

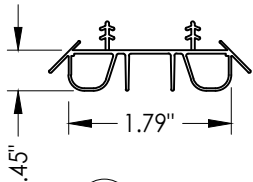


**17 OUTSWING THRESHOLD \***  
Composite / Aluminum Sill

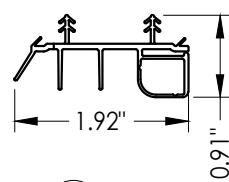


**18 OUTSWING THRESHOLD \***  
Composite / Aluminum Sill  
(Thermal Break)

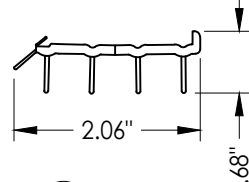
\* Max. Positive Design Pressure = +55 PSF  
(Where water infiltration is required)



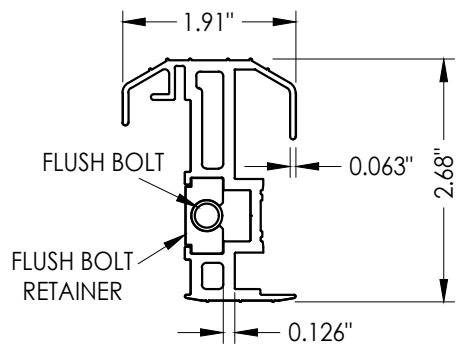
**8 SWEEP**



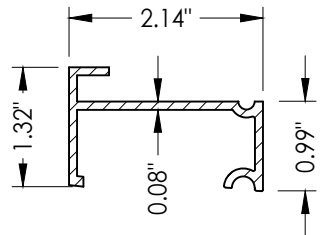
**9 SWEEP**



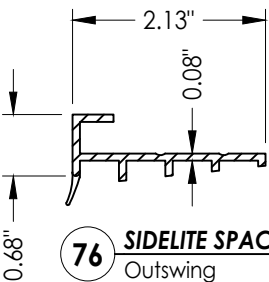
**10 SWEEP**



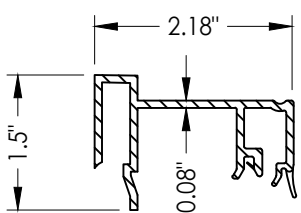
**20 COASTAL ALUMINUM ASTRAGAL**



**77 SIDELITE SPACER**  
Inswing  
Moderate Climate Threshold



**76 SIDELITE SPACER**  
Outswing



**75 SIDELITE SPACER**  
Inswing

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  
STEEL DOOR

PART OR ASSEMBLY:

COMPONENTS

| NO. | DATE    | REVISIONS                |     |     |     |
|-----|---------|--------------------------|-----|-----|-----|
|     |         | DATE                     | BY  | PO  | LFS |
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |     |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |     |
| 1   | 7/15/20 | UPDATE TO 7th ED (2020)  | FBC | PO  |     |

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:  
FL-23507.4

SHEET 14 OF 15

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-23507 R3\FL-23507.1-5.dwg

| 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     |
| 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     |
| P                 | 1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW                                                        | STEEL     |
| 1                 | 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     |
| 11                | #10 X 1-3/4" PFH WOOD SCREW                                                                    | STEEL     |
| 15                | PUBLIC ACCESS THRESHOLD                                                                        | ALUM      |
| 16                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 17                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 18                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 19                | STANDARD ALUMINUM ASTRAGAL                                                                     | ALUM      |
| 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 ENVIRONMENT

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

| 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     |
| 29                | 4" X 4" HINGE                                     | STEEL     |
| 31                | OUTSWING THRESHOLD                                | ALUM/COMP |
| 32                | INSWING THRESHOLD                                 | ALUM/COMP |
| 33                | INSWING THRESHOLD                                 | ALUM/COMP |
| 34                | INSWING THRESHOLD                                 | ALUM/COMP |
| 35                | INSWING THRESHOLD                                 | ALUM/COMP |
| 36                | INSWING THRESHOLD                                 | ALUM/COMP |
| 37                | INSWING THRESHOLD                                 | ALUM/COMP |
| 38                | INSWING THRESHOLD                                 | ALUM/COMP |
| 39                | INSWING THRESHOLD                                 | ALUM/COMP |
| 40                | DOOR PANEL (BOOK) - "PROFILES" SERIES             | -         |
| 41                | DOOR PANEL (HYBRID) - "PROFILES" SERIES           | -         |
| 42                | DOOR PANEL (U1) - "PROFILES" SERIES               | -         |
| 50                | SIDELITE (FULL LITE)                              | -         |
| 60                | DOOR PANEL (BOOK) - "TRADITIONS" SERIES           | -         |
| 61                | DOOR PANEL (HYBRID) - "TRADITIONS" SERIES         | -         |
| 62                | DOOR PANEL (U1) - "TRADITIONS" SERIES             | -         |
| 75                | SIDELITE SPACER (INSWING)                         | PVC       |
| 76                | SIDELITE SPACER (OUTSWING)                        | PVC       |
| 77                | SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL | PVC       |
| 80                | COASTAL ASTRAGAL STRIKE PLATE                     | STEEL     |

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

| ANCHOR TYPE       | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW 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:

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

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

Therma-TRU  
STEEL DOOR

Part or Assembly:  
BILL OF MATERIALS

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-23507.4

SHEET 15 OF 15

REVISIONS

| NO. | DATE    | DESCRIPTION                  |
|-----|---------|------------------------------|
| 3   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |
| 2   | 8/17/23 | UPDATE TO 8TH ED. (2023) FBC |
| 1   | 7/15/20 | UPDATE TO 7th ED (2020) FBC  |

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

© 2017 R.W. BUILDING CONSULTANTS INC.