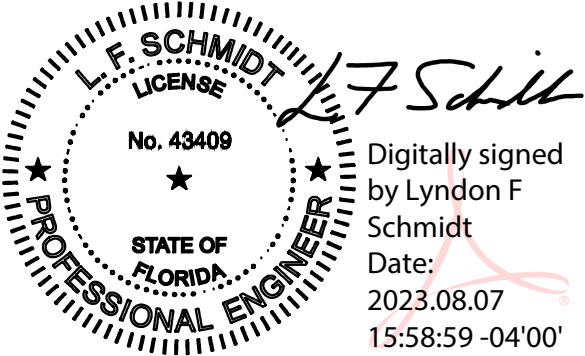




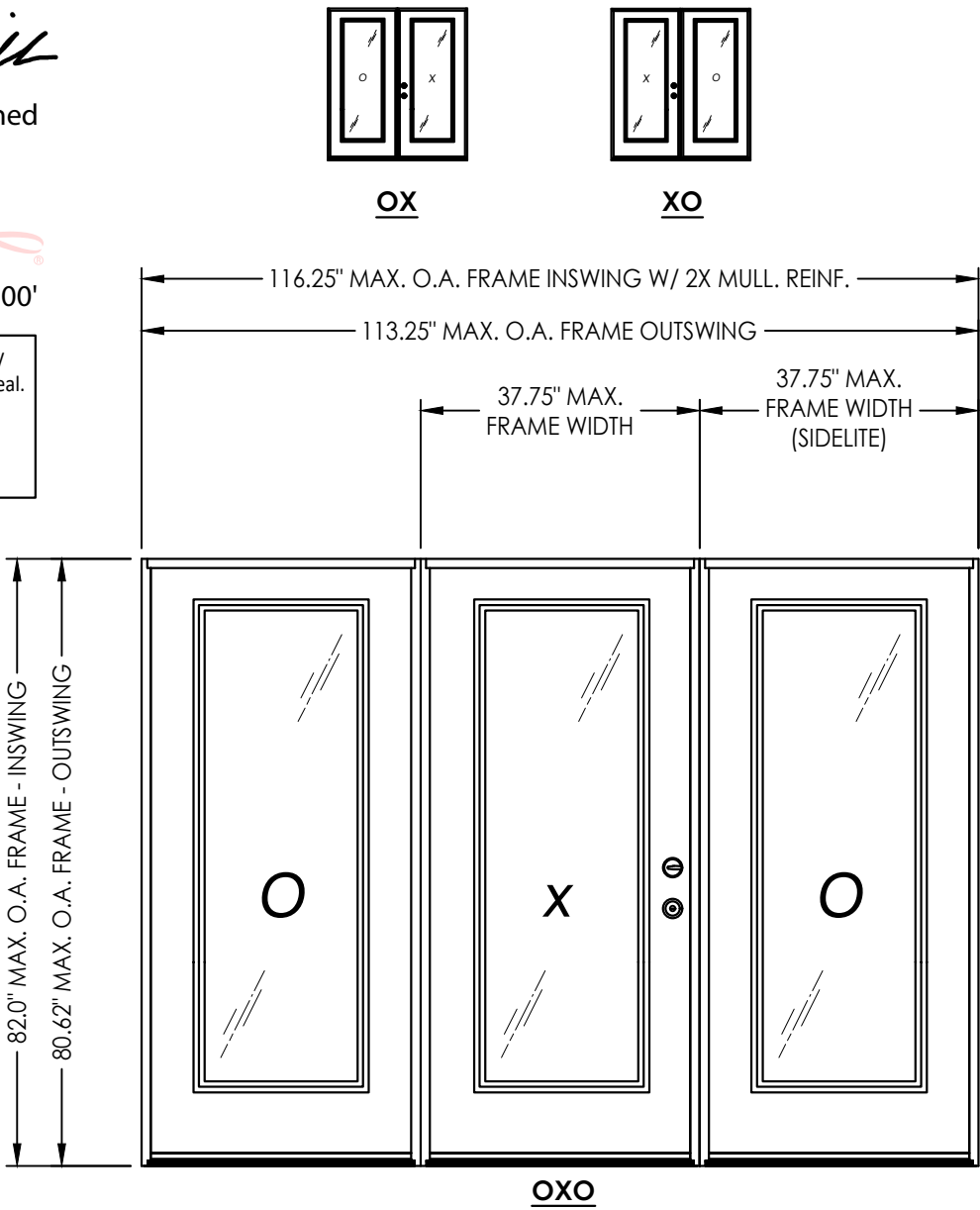
# Profiles™ & Traditions

**WOOD EDGE  
GLAZED STEEL SINGLE DOOR  
w/ SIDELITE(S)  
INSWING/OUTSWING  
"IMPACT"**



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



## GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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| 2                 | Door Panel Details "Profiles"                            | 11      | Buck Anchoring                       |
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| 5                 | Elevations                                               | 14      | Hardware Details                     |
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| CONFIGURATION | SWING    | OVERALL<br>FRAME<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|---------------|----------|-------------------------------|-----------------------|----------|
|               |          |                               | POSITIVE              | NEGATIVE |
| XO, OX        | INSWING  | 76.50" x 82.0"                | +47.0                 | -53.0    |
| XO, OX        | OUTSWING | 75.0" x 80.62"                | +50.0                 | -50.0    |
| OXO           | INSWING  | 116.25" x 82.0"               | +47.0                 | -53.0    |
| OXO           | OUTSWING | 113.25" x 80.62"              | +50.0                 | -50.0    |

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

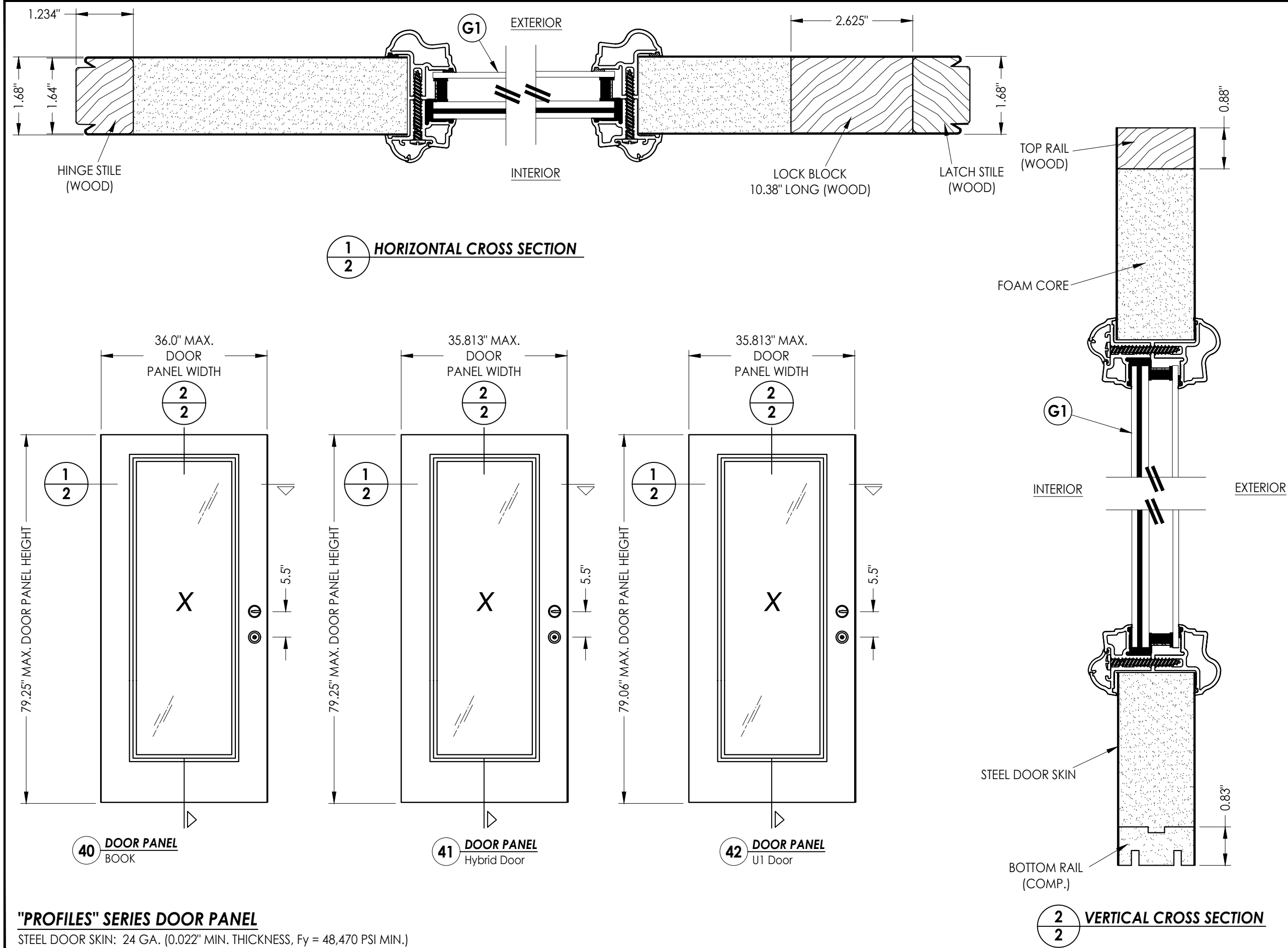
**PRODUCT:** THERMA-TRU  
STEEL DOOR

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

|           |         |                   |        |     |     |
|-----------|---------|-------------------|--------|-----|-----|
|           |         |                   |        |     |     |
|           |         |                   |        |     |     |
|           |         |                   |        |     |     |
|           |         |                   |        |     |     |
|           |         |                   |        |     |     |
| 2         | 8/07/23 | UPDATE TO 8TH ED. | (2023) | FBC | LFS |
| 1         | 7/20/20 | UPDATE TO 7th ED  | (2020) | FBC | LFS |
| NO.       | DATE    |                   |        |     | BY  |
| REVISIONS |         |                   |        |     |     |

|              |             |
|--------------|-------------|
| DATE:        | 10/12/17    |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-21132.10 |
| SHEET        | 1 OF 17     |

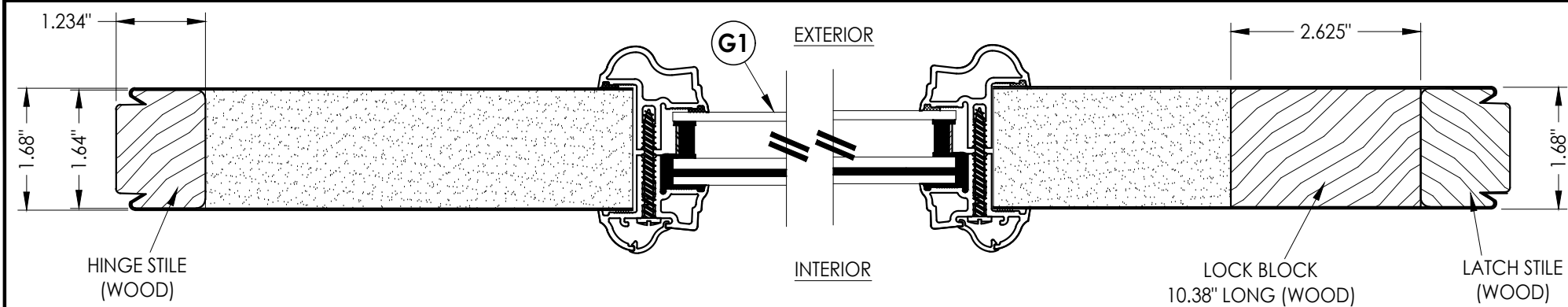
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**"PROFILES" SERIES DOOR PANEL**  
STEEL DOOR SKIN: 24 GA. (0.022" MIN. THICKNESS, Fy = 48,470 PSI MIN.)  
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

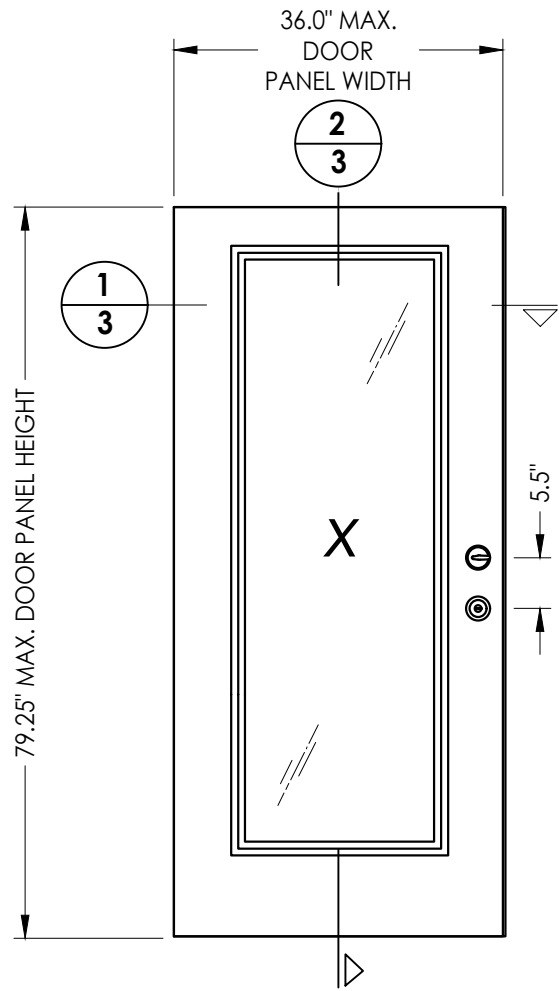
|                                                               |  |                                                                                                                    |                                      |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 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>"PROFILES"<br>DOOR PANEL DETAILS                                                              |                                      |
|                                                               |  | LFS                                                                                                                | REVISIONS                            |
|                                                               |  | 2                                                                                                                  | 8/07/23 UPDATE TO 8TH ED. (2023) FBC |
|                                                               |  | 1                                                                                                                  | 7/20/20 UPDATE TO 7th ED (2020) FBC  |
|                                                               |  | NO.                                                                                                                | DATE                                 |
|                                                               |  | BY                                                                                                                 |                                      |
| DATE: 10/12/17                                                |  |                                                                                                                    |                                      |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |                                      |
| DWG. BY: JK                                                   |  |                                                                                                                    |                                      |
| CHK. BY: LFS                                                  |  |                                                                                                                    |                                      |
| DRAWING NO.: FL-21132.10                                      |  |                                                                                                                    |                                      |
| SHEET 2 OF 17                                                 |  |                                                                                                                    |                                      |

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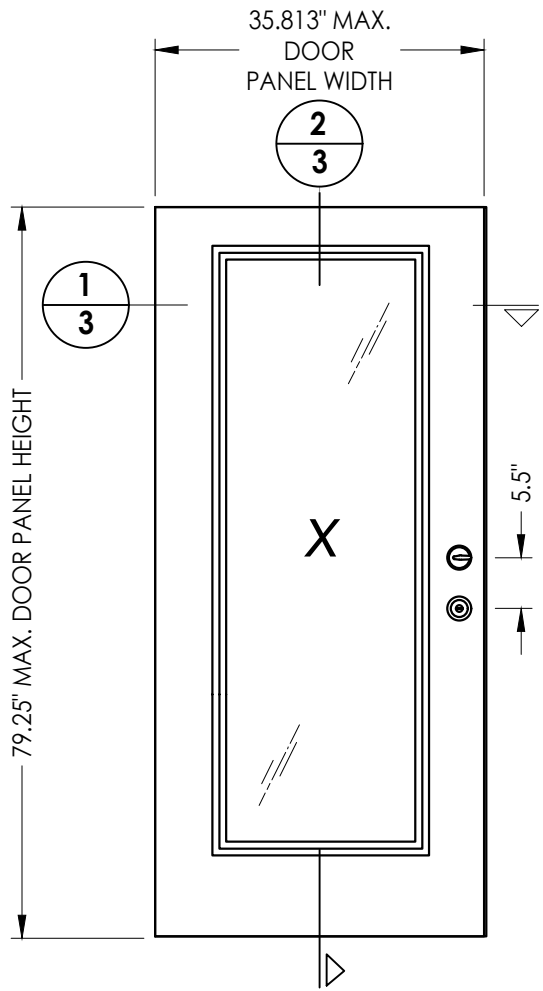


1  
3

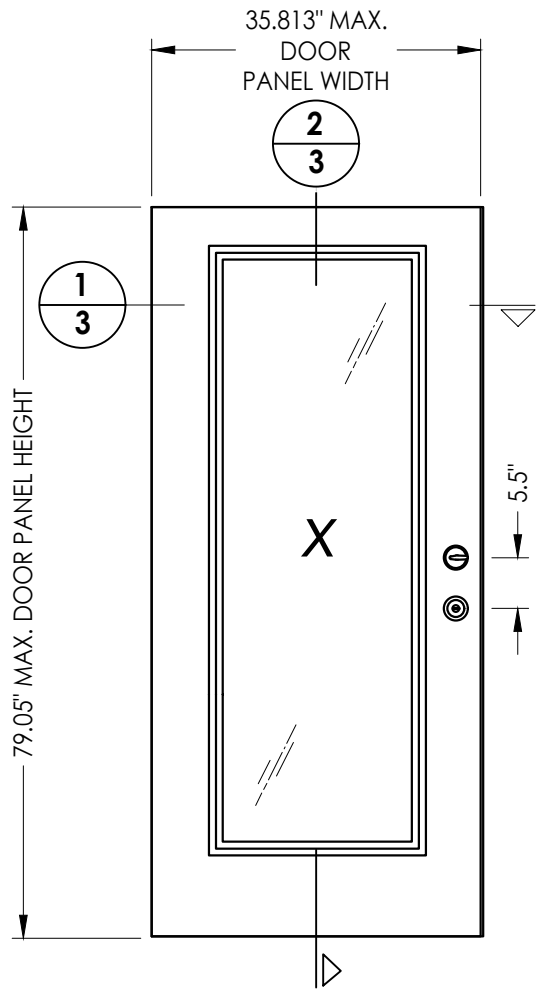
**HORIZONTAL CROSS SECTION**



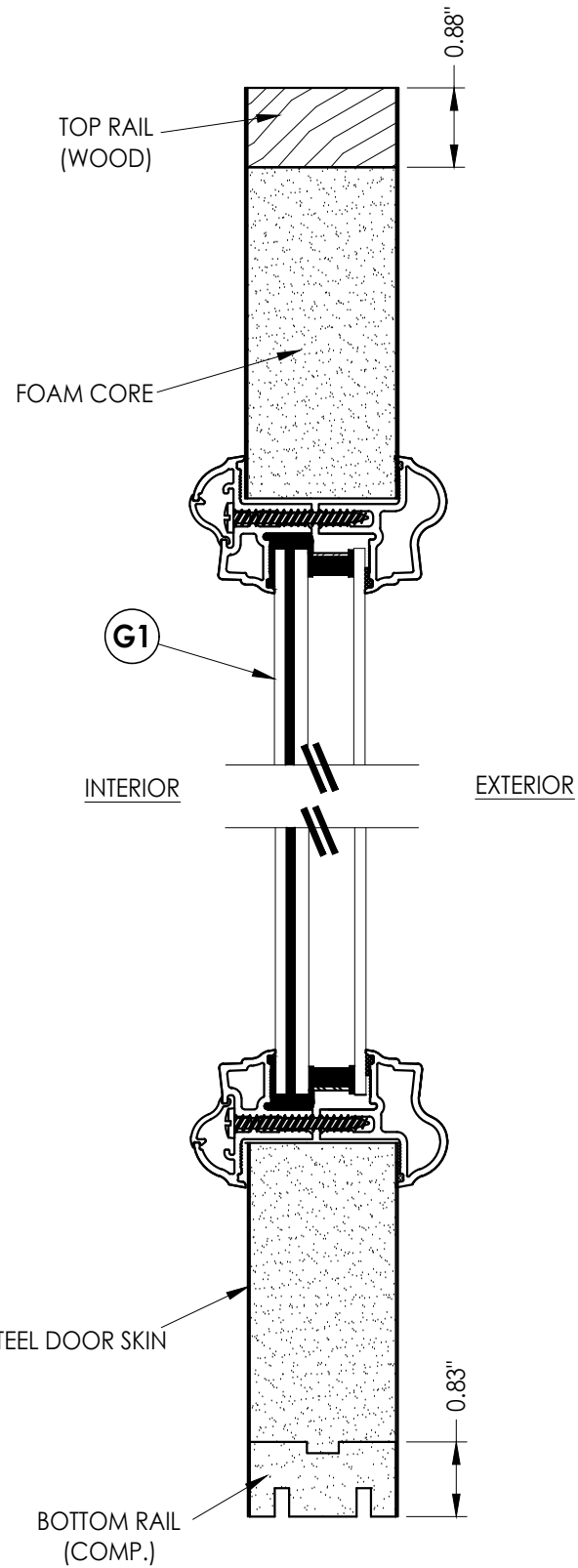
60 **DOOR PANEL**  
BOOK



61 **DOOR PANEL**  
Hybrid Door



62 **DOOR PANEL**  
U1 Door



2  
3

**VERTICAL CROSS SECTION**

**"TRADITIONS" SERIES DOOR PANEL**

STEEL DOOR SKIN: 25 GA. (0.018" MIN. THICKNESS, Fy = 27,830 PSI MIN.)  
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

Documents Prepared By:  
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FBPE Registry No. 9813

RW

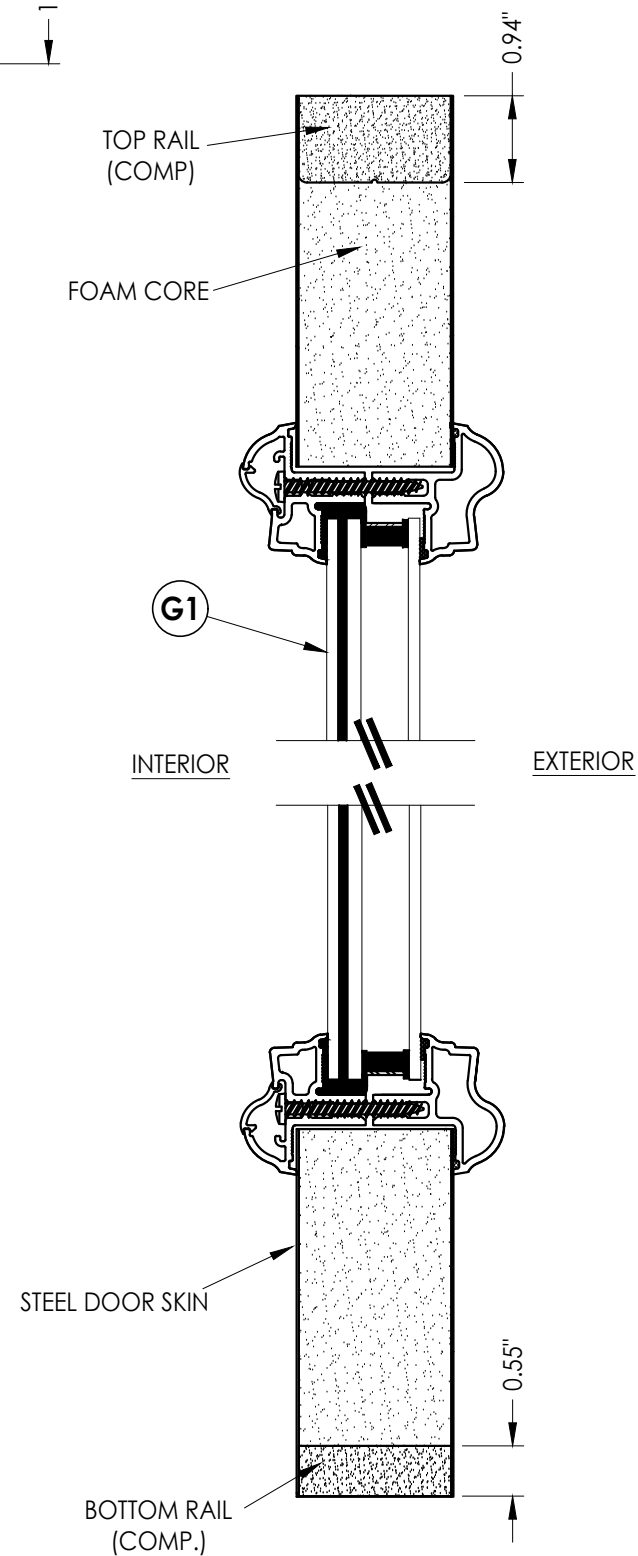
|          |                          |                                    |
|----------|--------------------------|------------------------------------|
| PRODUCT: | THERMA-TRU<br>STEEL DOOR |                                    |
|          | PART OR ASSEMBLY:        | "TRADITIONS"<br>DOOR PANEL DETAILS |

| NO. | DATE    | REVISIONS                |     |
|-----|---------|--------------------------|-----|
|     |         | BY                       |     |
| 2   | 8/07/23 | UPDATE TO 8TH ED. (2023) | FBC |
| 1   | 7/20/20 | UPDATE TO 7th ED (2020)  | FBC |

|              |             |
|--------------|-------------|
| DATE:        | 10/12/17    |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-21132.10 |
| SHEET        | 3 of 17     |

Technical drawing of a rectangular panel. The overall dimensions are 36.0" MAX. SIDELITE PANEL WIDTH (horizontal) and 79.25" MAX. SIDELITE PANEL HEIGHT (vertical). The drawing shows a central rectangular area with a double-line border. Inside this area, there are two diagonal dashed lines forming an 'X' shape. A large letter 'O' is centered within the panel. Two circular callouts are present: one labeled '1/4' on the left side, pointing to the left edge of the panel, and another labeled '2/4' at the top, pointing to the top edge of the panel. The drawing is oriented vertically on the page.

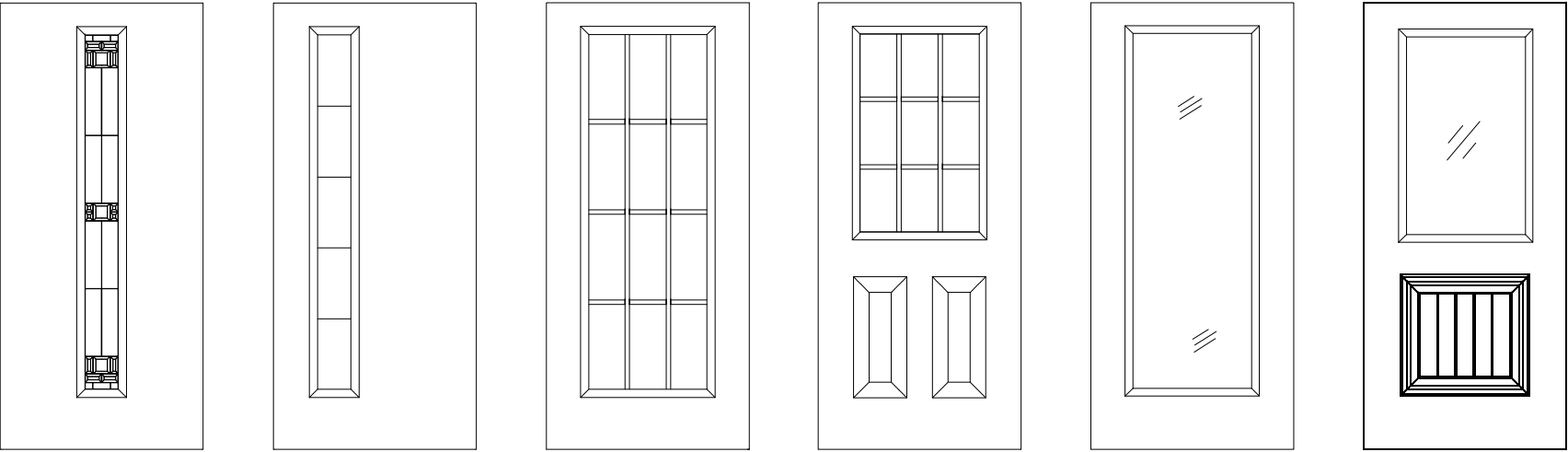
STEEL SKIN "PROFILES": 24 GA. (0.022" MIN. THICKNESS,  $F_y = 48,470$  PSI MIN.)  
STEEL SKIN "TRADITIONS": 25 GA. (0.018" MIN. THICKNESS,  $F_y = 27,830$  PSI MIN.)  
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)



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

|                                                               |         |                                                                                                                    |                     |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|---------------------|
| 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: THERMA-TRU STEEL DOOR                                |         | PART OR ASSEMBLY:<br>SIDELITE PANEL / GLAZING DETAILS                                                              |                     |
|                                                               |         |                                                                                                                    |                     |
|                                                               |         |                                                                                                                    |                     |
|                                                               |         |                                                                                                                    |                     |
| 2                                                             | 8/07/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS             |
| 1                                                             | 2/20/20 | UPDATE TO 2014 EDITION (2020)                                                                                      | FBC <del>FBPE</del> |
| NO.                                                           | DATE    |                                                                                                                    | BY                  |
|                                                               |         |                                                                                                                    | REVISIONS           |
| DATE: 10/12/17                                                |         |                                                                                                                    |                     |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |                     |
| DWG. BY: JK                                                   |         |                                                                                                                    |                     |
| CHK. BY: LFS                                                  |         |                                                                                                                    |                     |
| DRAWING NO.: FL-21132.10                                      |         |                                                                                                                    |                     |
| SHEET 4 OF 17                                                 |         |                                                                                                                    |                     |

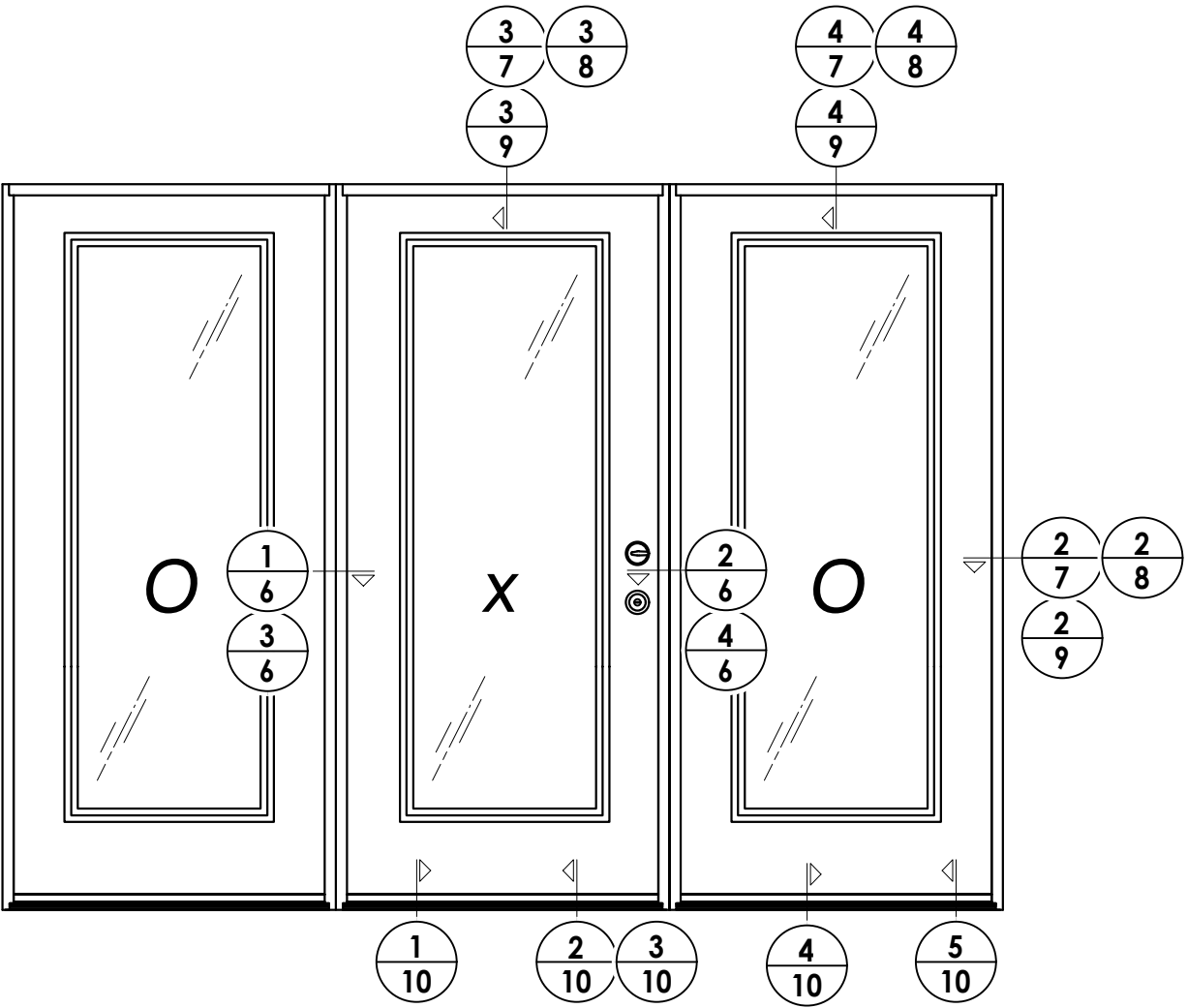
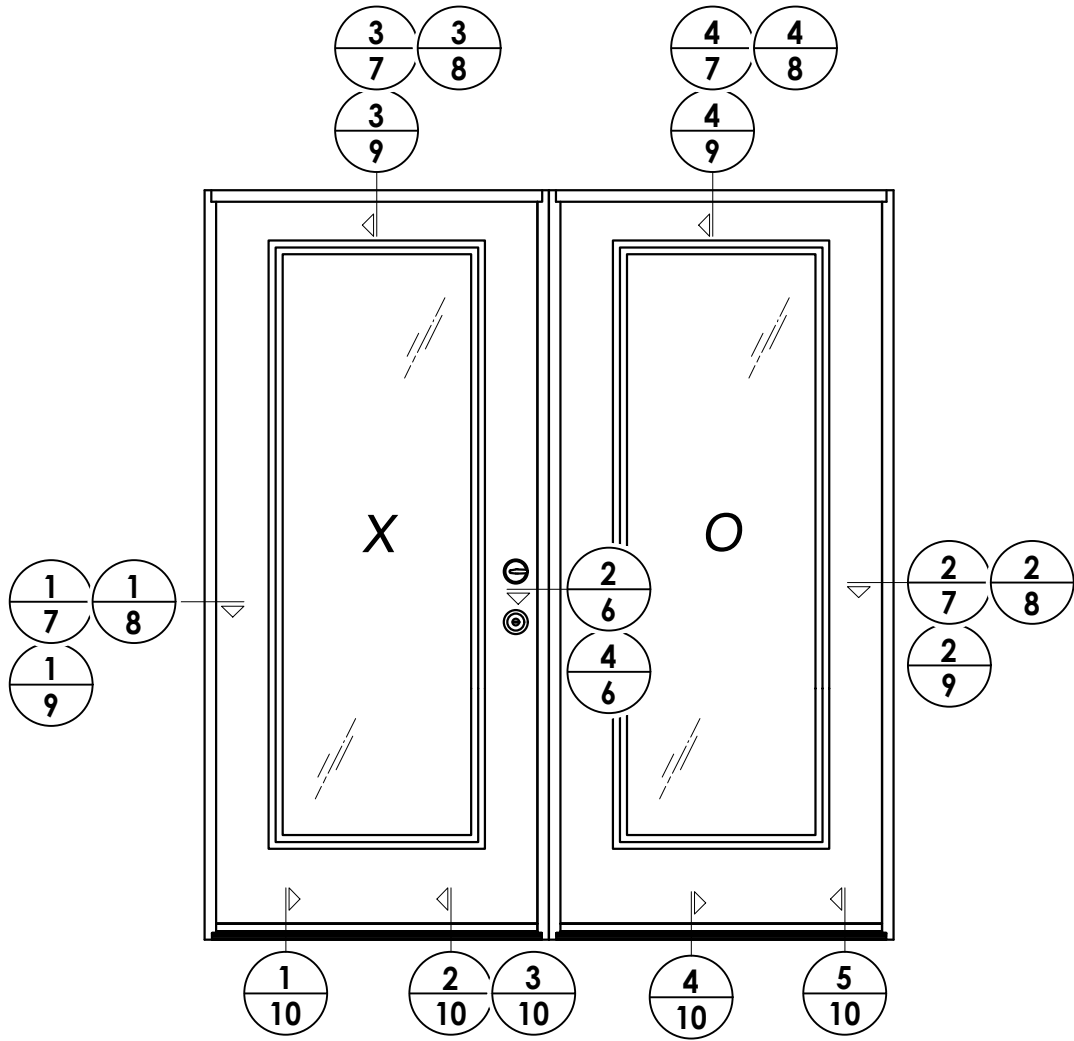
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**PROFILES/TRADITIONS Steel Door Panel Options**

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) |

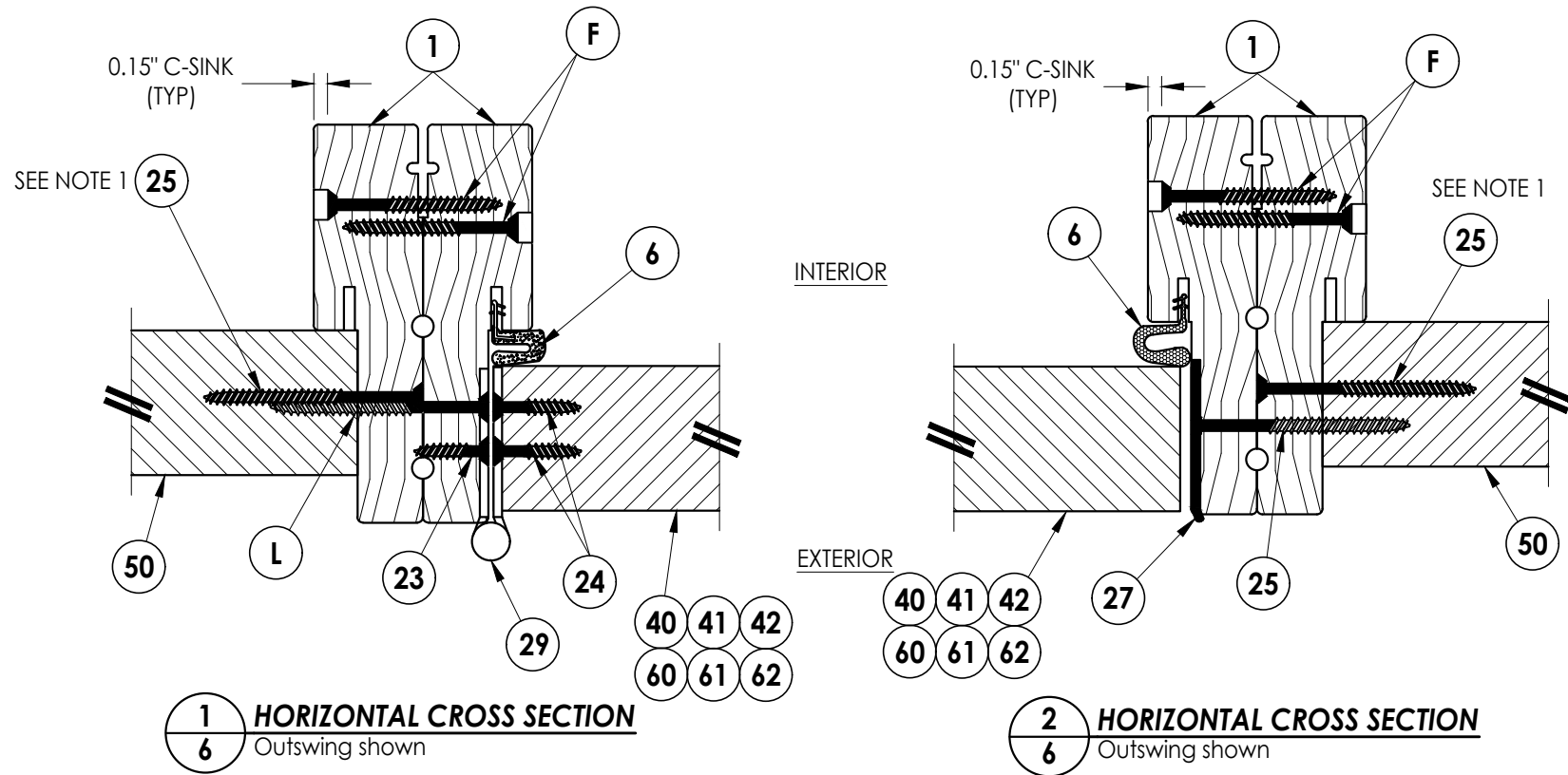


| PRODUCT:                 |         | THERMA-TRU<br>STEEL DOOR |         |
|--------------------------|---------|--------------------------|---------|
| PART OR ASSEMBLY:        |         | ELEVATIONS               |         |
| NO.                      | DATE    | REVISIONS                |         |
|                          |         | BY                       |         |
| 2                        | 8/07/23 | UPDATE TO 8TH ED. (2023) | FBC LFS |
| 1                        | 7/20/20 | UPDATE TO 7th ED (2020)  | FBC LFS |
| DATE: 10/12/17           |         |                          |         |
| SCALE: N.T.S.            |         |                          |         |
| DWG. BY: JK              |         |                          |         |
| CHK. BY: LFS             |         |                          |         |
| DRAWING NO.: FL-21132.10 |         |                          |         |
| SHEET 5 OF 17            |         |                          |         |

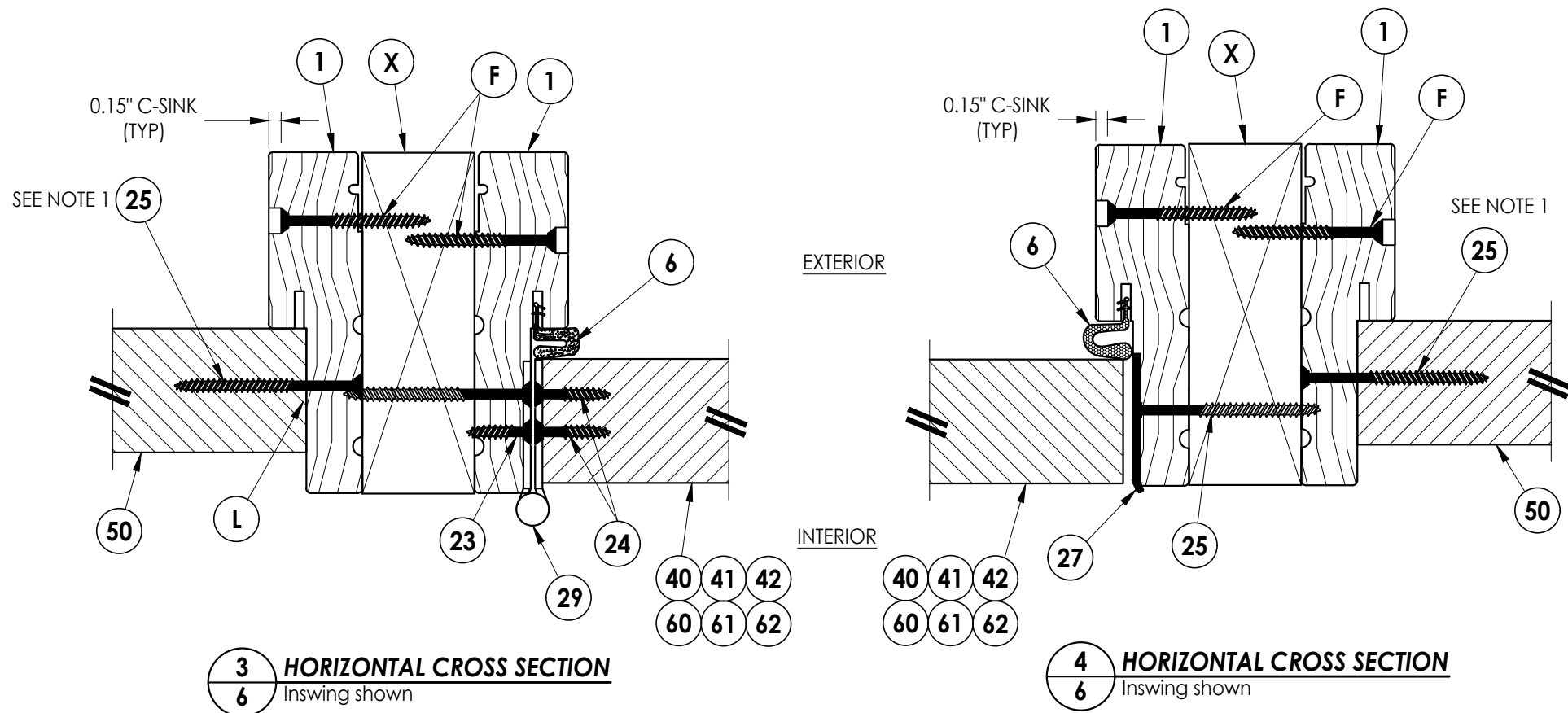
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

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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).



Documents Prepared By:  
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:  
THERMA-TRU  
STEEL DOOR

PART OR ASSEMBLY:  
HORIZONTAL  
CROSS SECTIONS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 2   | 8/07/23 | UPDATE TO 8TH ED. (2023) FBC |
| 1   | 7/20/20 | UPDATE TO 7th ED (2020) FBC  |
| LFS |         | BY                           |

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

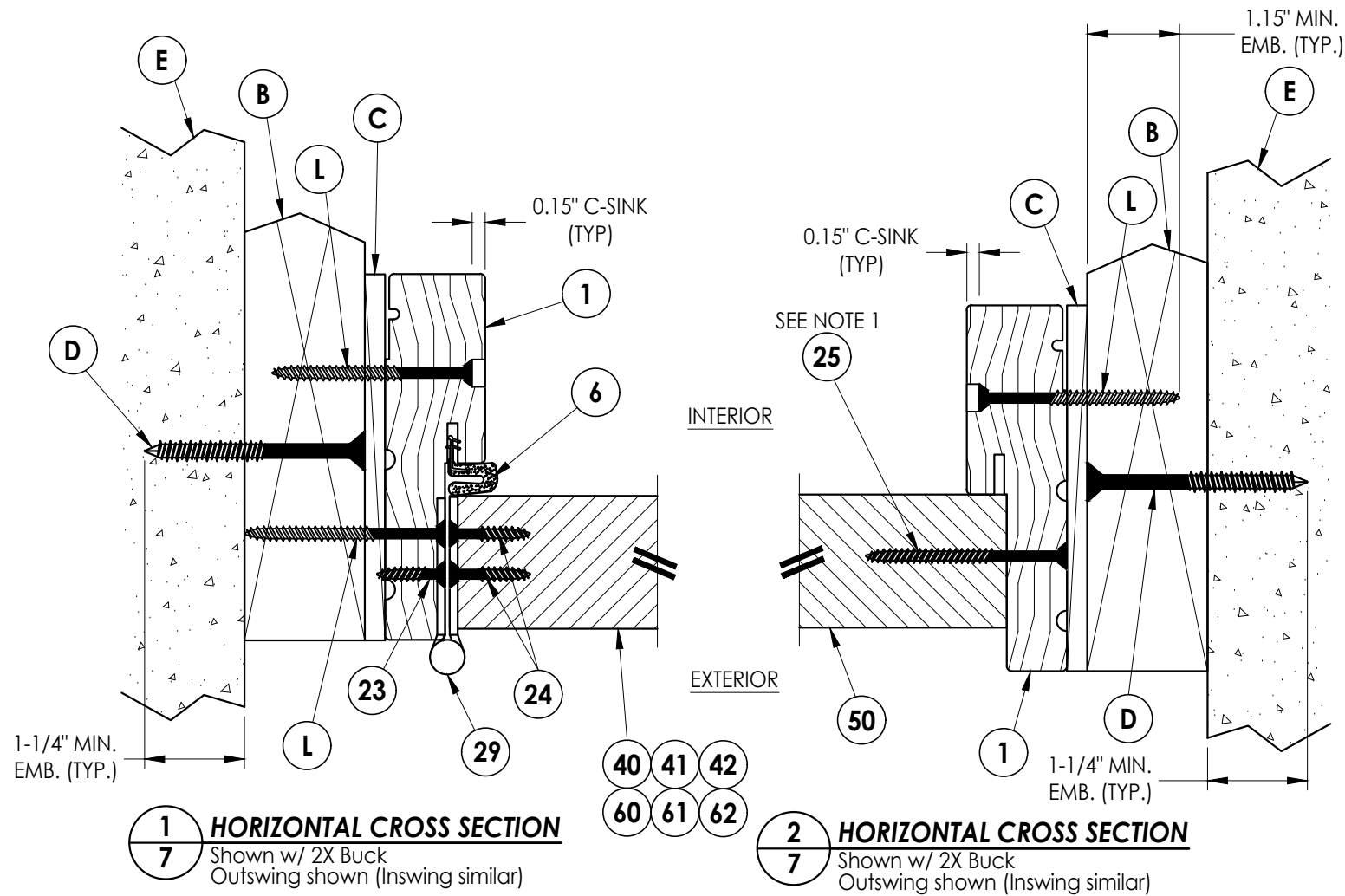
CHK. BY: LFS

DRAWING NO.:

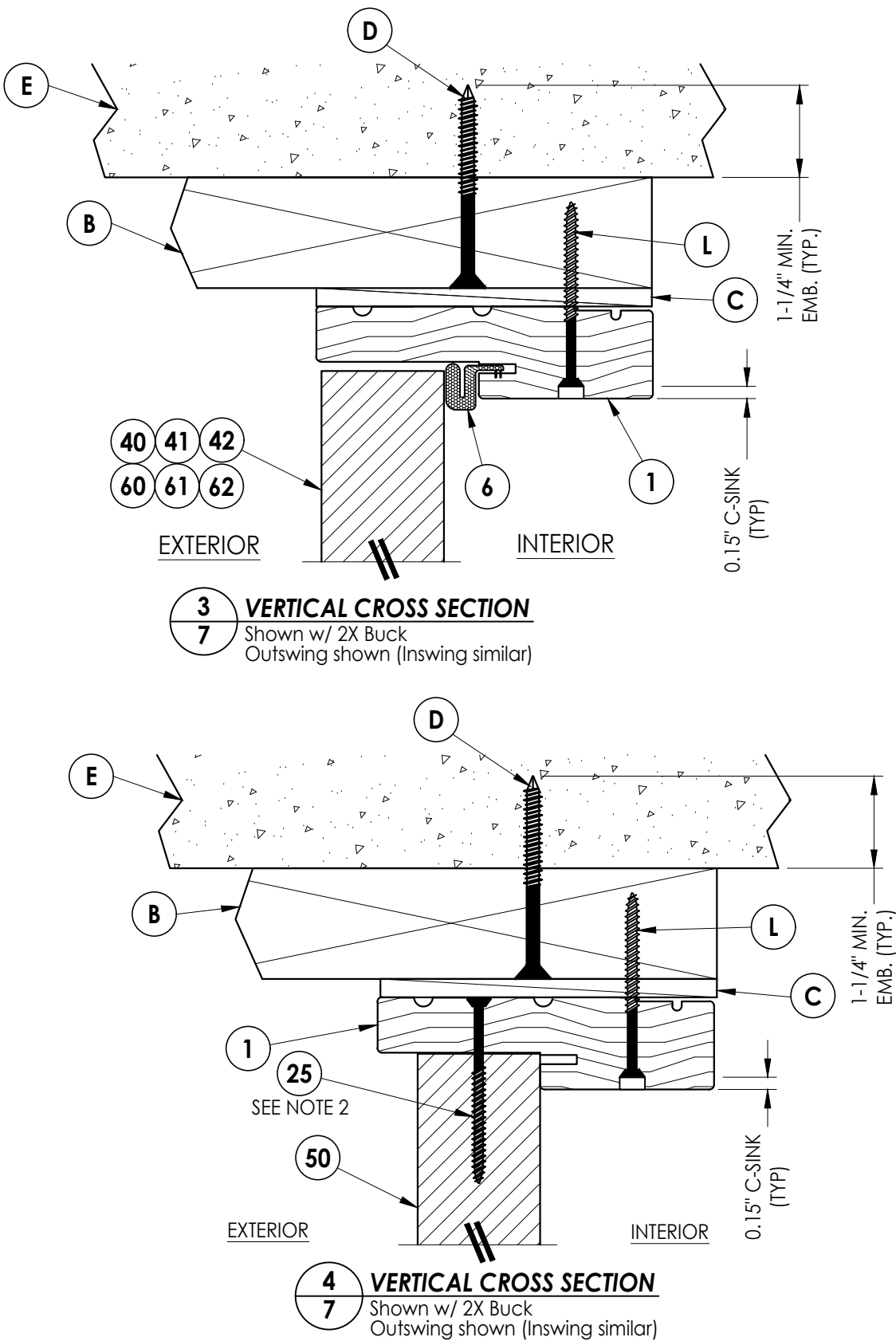
FL-21132.10

SHEET 6 OF 17

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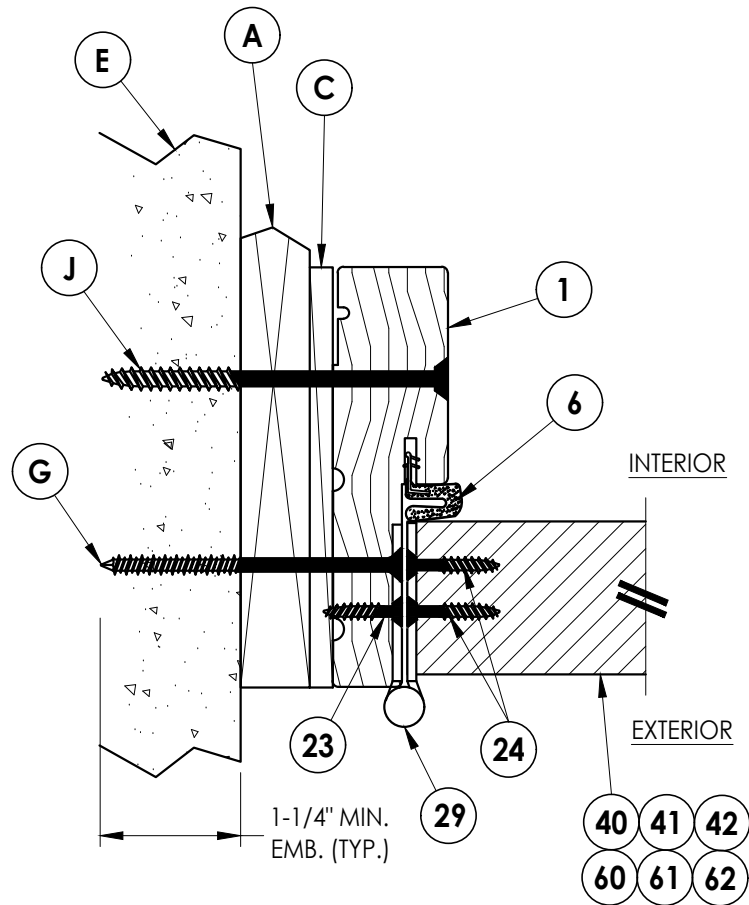


- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
  2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).

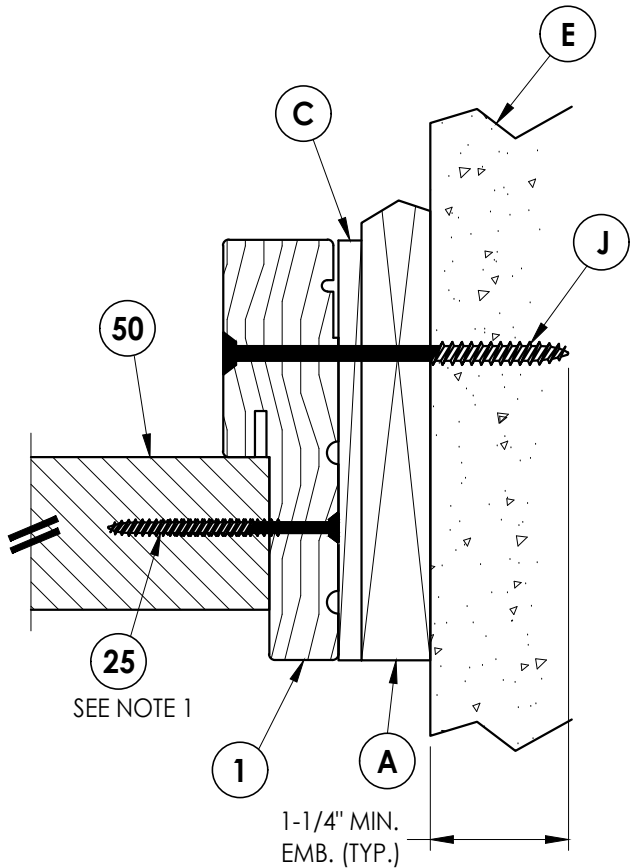


|                                                               |  |                                                                                                                    |         |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|---------|
| 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>HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X BUCK)                                             |         |
|                                                               |  | REVISIONS                                                                                                          |         |
|                                                               |  | 2                                                                                                                  | 8/07/23 |
|                                                               |  | 1                                                                                                                  | 7/20/20 |
|                                                               |  | NO.                                                                                                                | DATE    |
|                                                               |  | DATE                                                                                                               |         |
| DATE: 10/12/17                                                |  |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |         |
| DWG. BY: JK                                                   |  |                                                                                                                    |         |
| CHK. BY: LFS                                                  |  |                                                                                                                    |         |
| DRAWING NO.: FL-21132.10                                      |  |                                                                                                                    |         |
| SHEET 7 OF 17                                                 |  |                                                                                                                    |         |

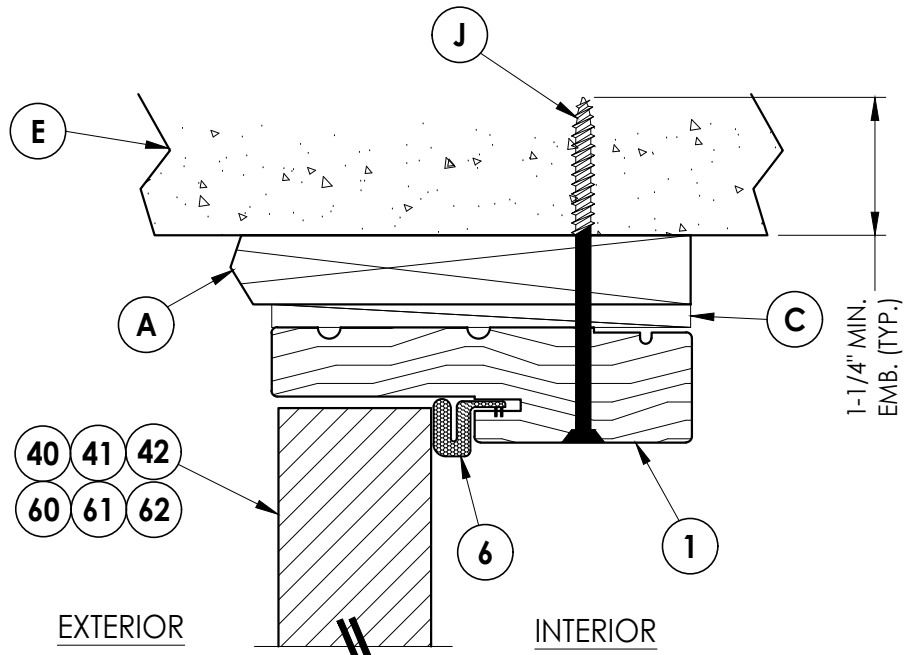
- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
  2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



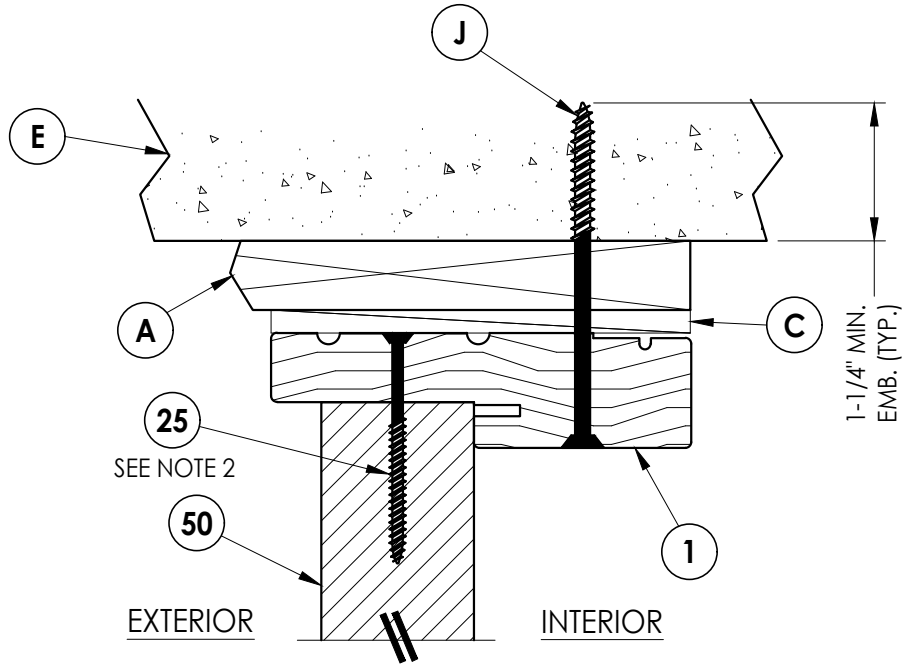
**1**  
**8** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



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



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



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

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

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

PRODUCT:  
THERMA-TRU  
STEEL DOOR

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

| NO. | DATE    | REVISIONS                |     |
|-----|---------|--------------------------|-----|
|     |         | BY                       | LFS |
| 2   | 8/07/23 | UPDATE TO 8TH ED. (2023) | FBC |
| 1   | 7/20/20 | UPDATE TO 7th ED (2020)  | FBC |

DATE: 10/12/17

SCALE: N.T.S.

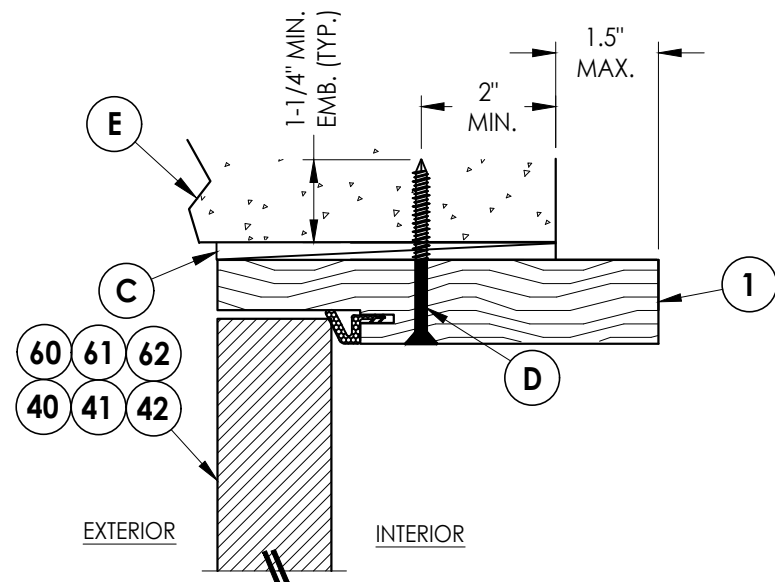
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21132.10

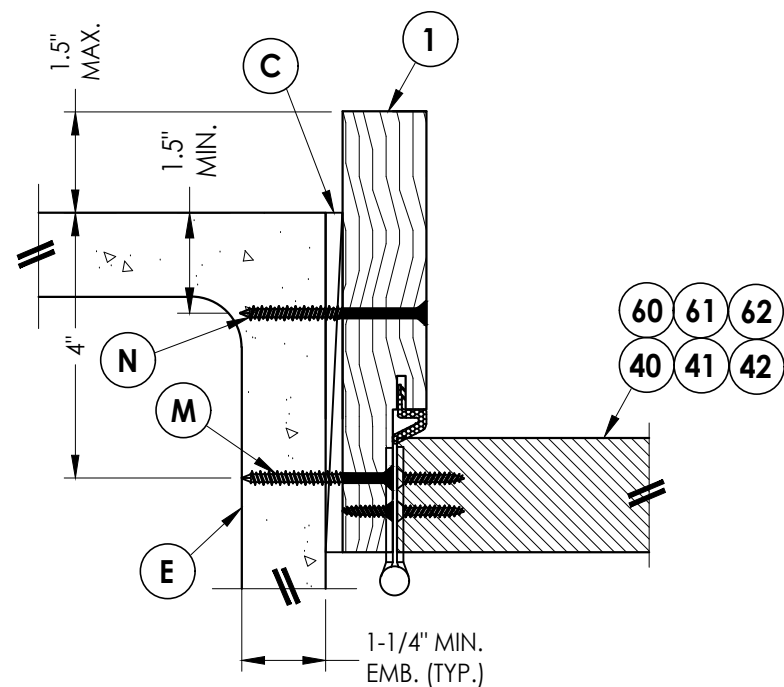
SHEET 8 OF 17



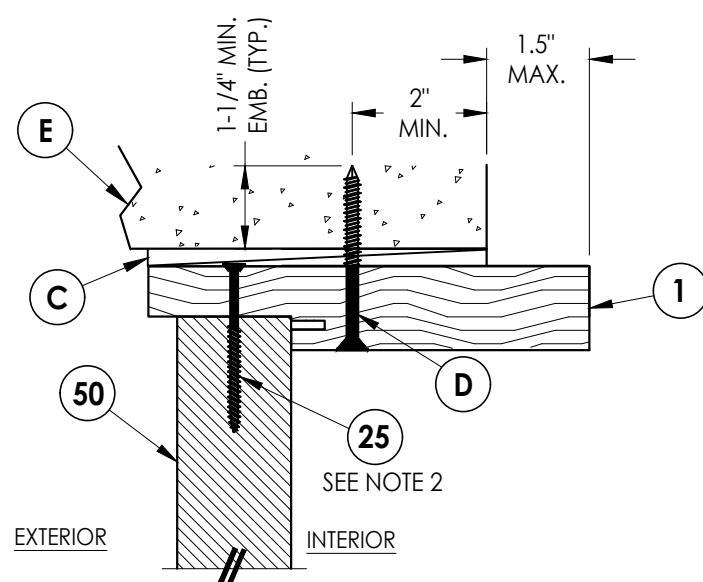
**3** **HORIZONTAL CROSS SECTION**  
**9** Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb

Notes:

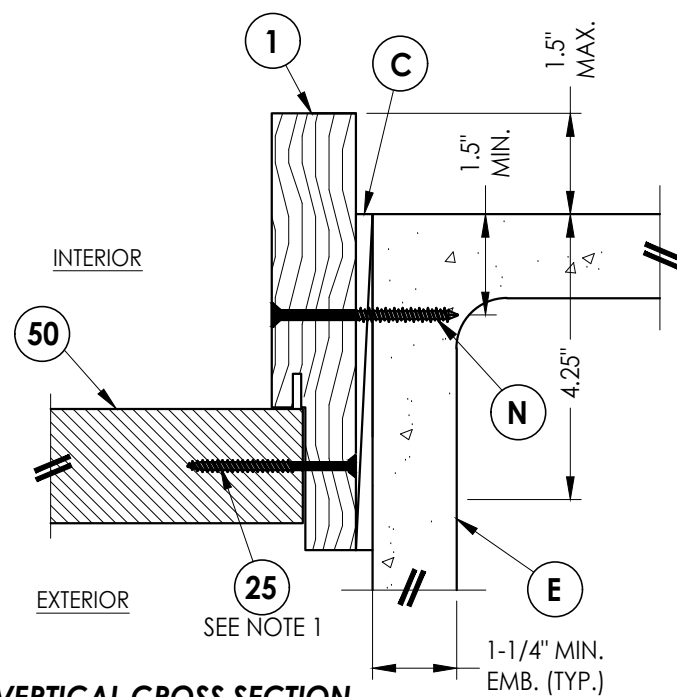
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

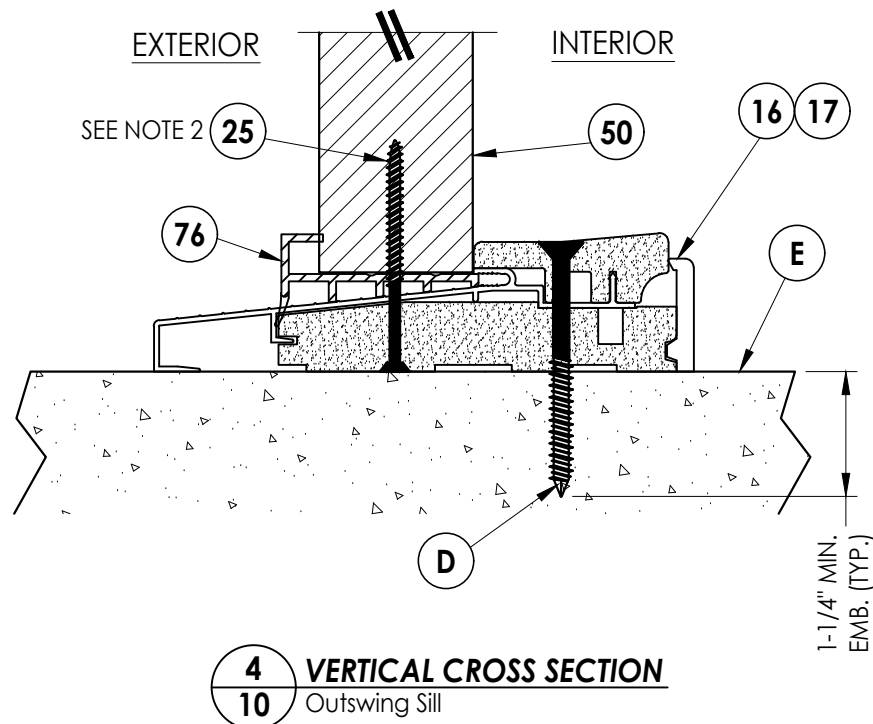
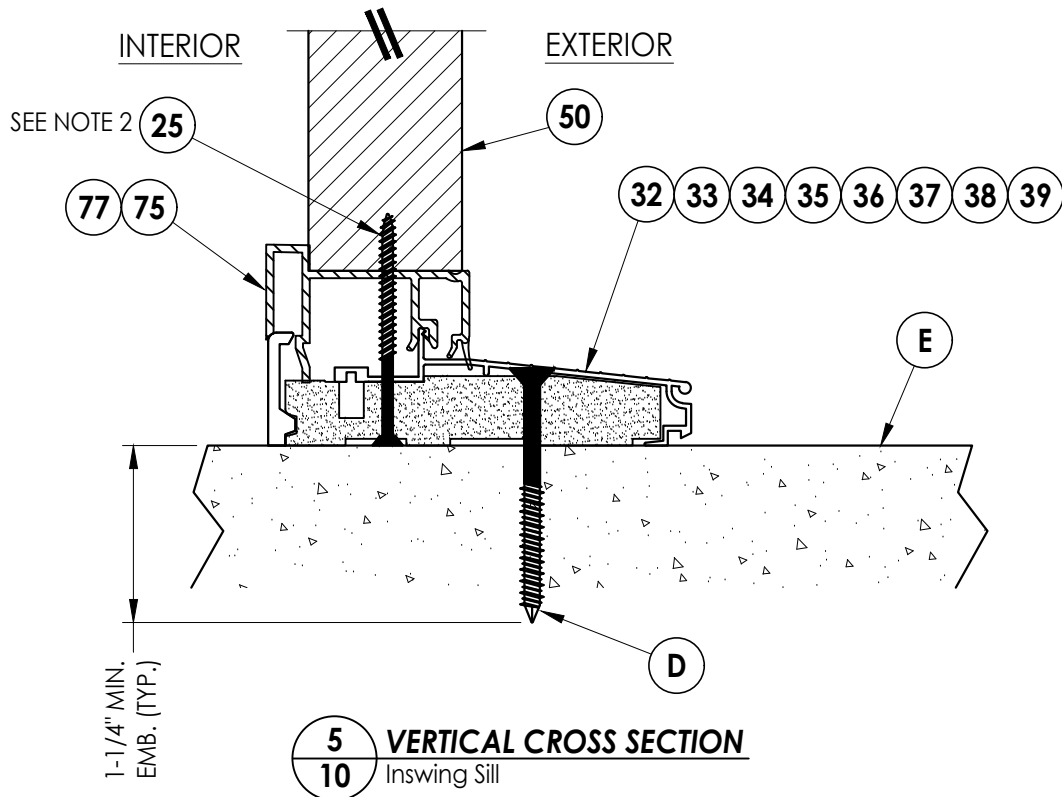
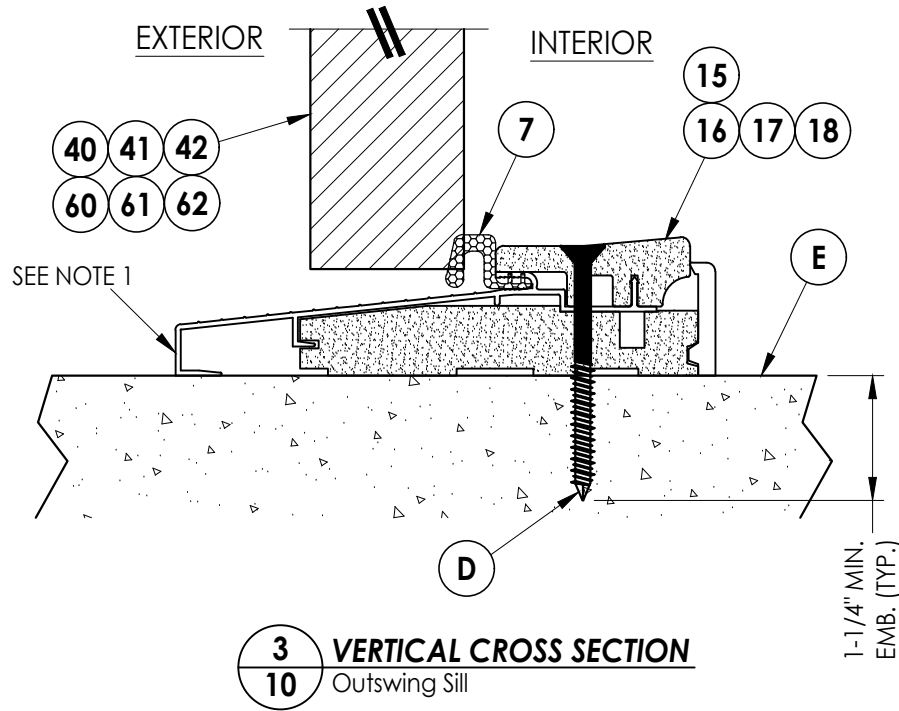
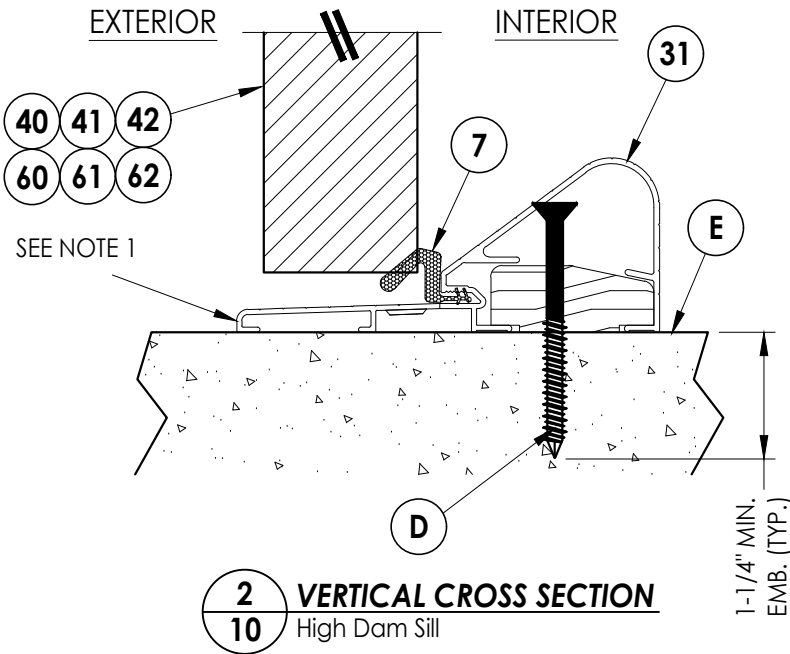
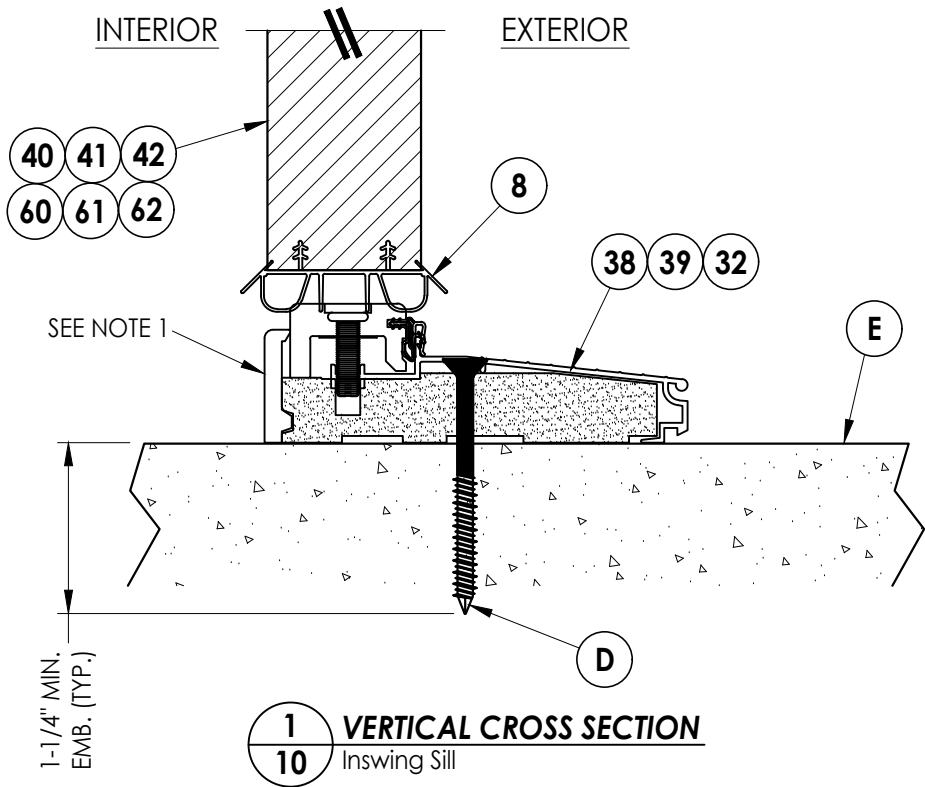


**2** **VERTICAL CROSS SECTION**  
**9** Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb

[illegible]

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- Notes:
- 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.
  - Sidelite assembly screws located 4" from each end (2 screws along sill).



18

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:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

| NO. | DATE    | REVISIONS |      |                              |
|-----|---------|-----------|------|------------------------------|
|     |         | BY        | DATE | DESCRIPTION                  |
| 2   | 8/07/23 | LFS       |      | UPDATE TO 8TH ED. (2023) FBC |
| 1   | 7/20/20 | LFS       |      | UPDATE TO 7th ED (2020) FBC  |

DATE: 10/12/17

SCALE: N.T.S.

DWG. BY: JK

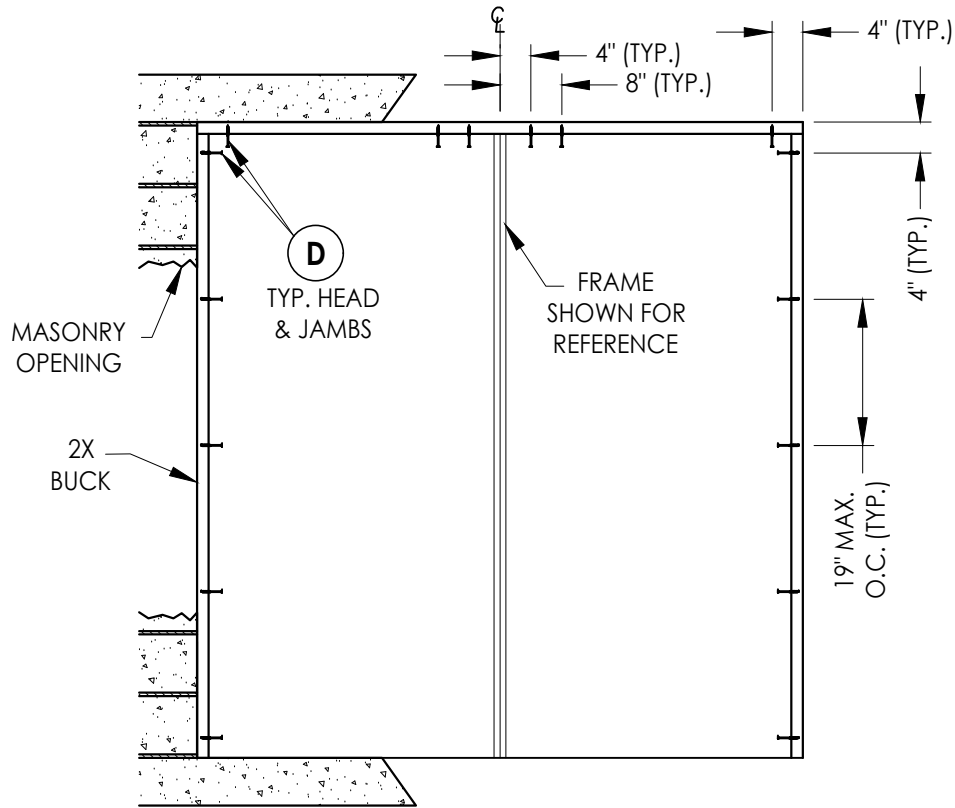
CHK. BY: LFS

DRAWING NO.:

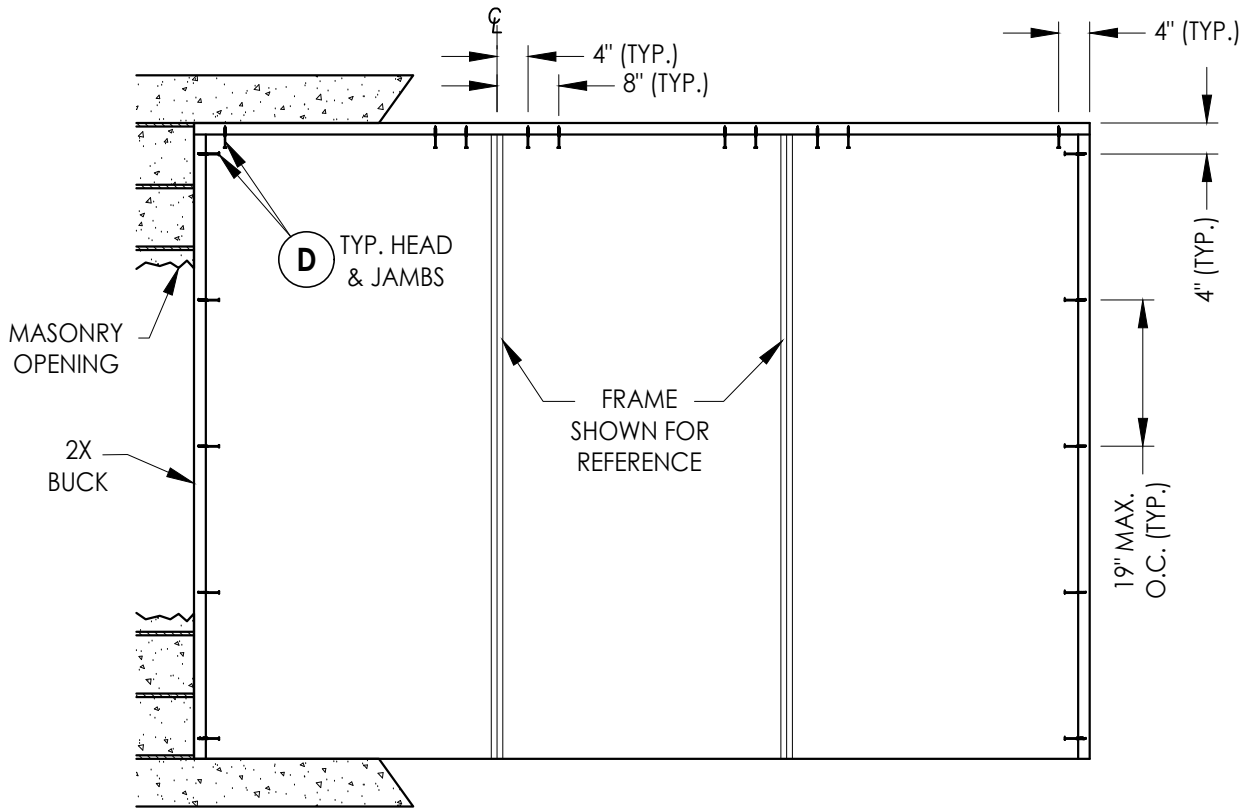
FL-21132.10

SHEET 10 OF 17

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XO/OX



OXO

2X BUCK ANCHORING

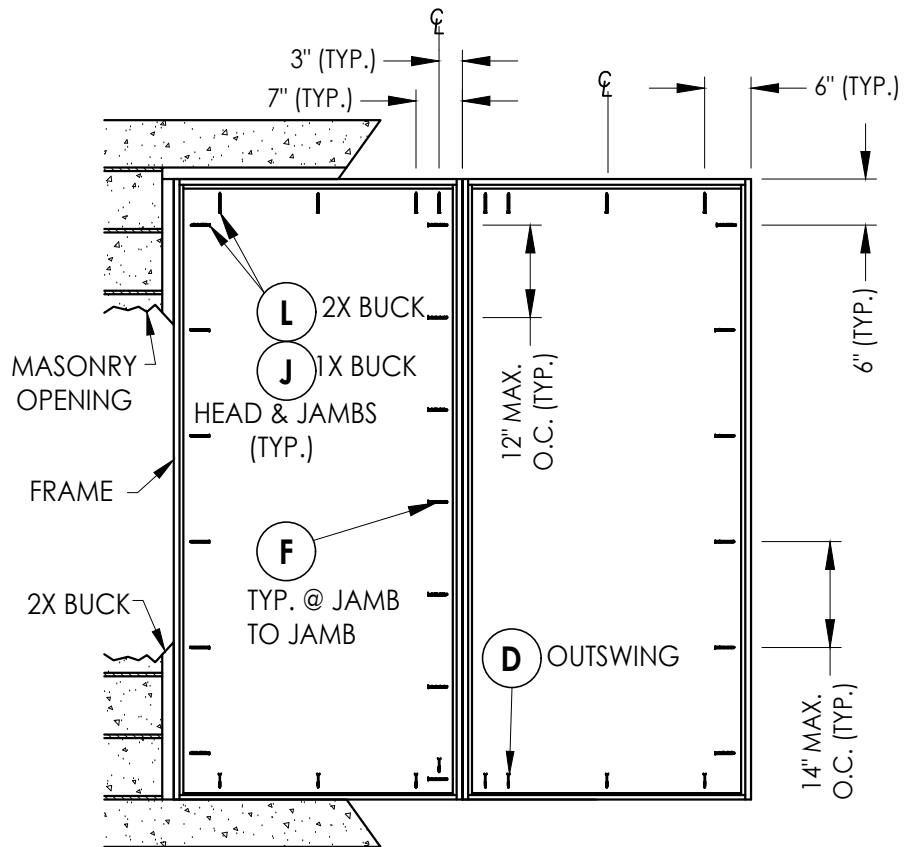
| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 2   | 8/07/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 1   | 7/20/20 | UPDATE TO 7th ED (2020) FBC LFS  |

|              |             |
|--------------|-------------|
| DATE:        | 10/12/17    |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-21132.10 |
| SHEET        | 11 OF 17    |

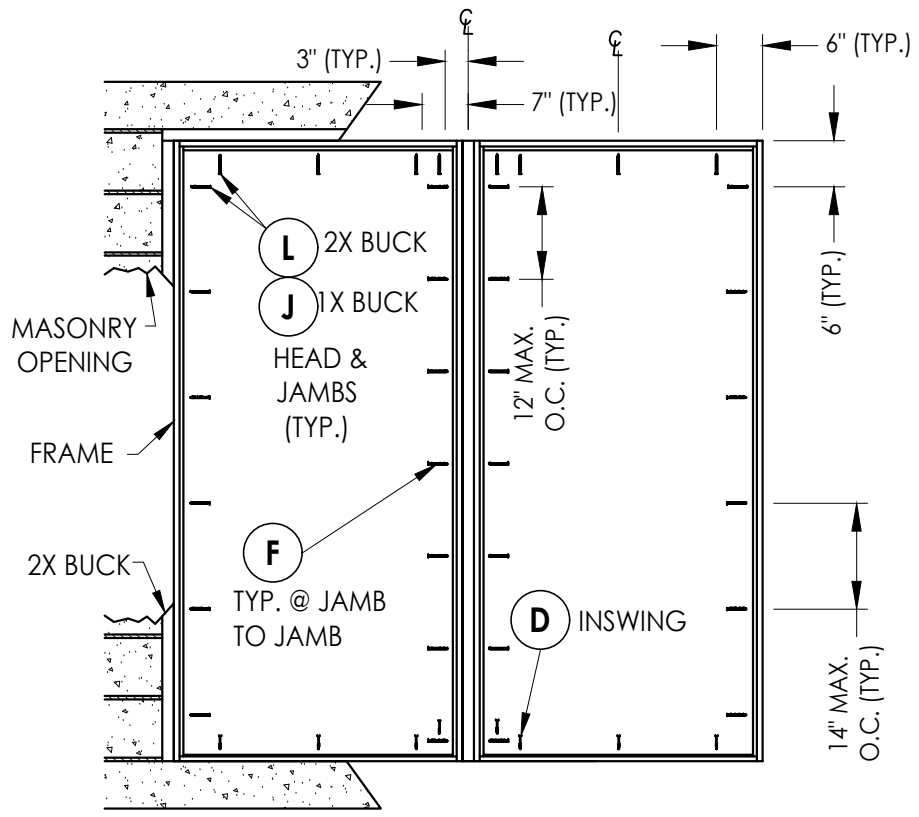
|                   |                                              |
|-------------------|----------------------------------------------|
| PRODUCT:          | THERMA-TRU STEEL DOOR                        |
| PART OR ASSEMBLY: | FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION |

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

*RW*  
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P.O. Box 230, Vairico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813



OUTSWING OX/XO



INSWING OX/XO

## FRAME ANCHORING

|                             |         |                          |     |     |  |           |  |  |  |  |  |
|-----------------------------|---------|--------------------------|-----|-----|--|-----------|--|--|--|--|--|
|                             |         |                          |     |     |  |           |  |  |  |  |  |
|                             |         |                          |     |     |  |           |  |  |  |  |  |
|                             |         |                          |     |     |  |           |  |  |  |  |  |
|                             |         |                          |     |     |  |           |  |  |  |  |  |
| 2                           | 8/07/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |  |           |  |  |  |  |  |
| 1                           | 7/20/20 | UPDATE TO 7th ED (2020)  | FBC | LFS |  |           |  |  |  |  |  |
| NO.                         | DATE    |                          |     | BY  |  |           |  |  |  |  |  |
|                             |         |                          |     |     |  | REVISIONS |  |  |  |  |  |
| DATE: 10/12/17              |         |                          |     |     |  |           |  |  |  |  |  |
| SCALE: N.T.S.               |         |                          |     |     |  |           |  |  |  |  |  |
| DWG. BY: JK                 |         |                          |     |     |  |           |  |  |  |  |  |
| CHK. BY: LFS                |         |                          |     |     |  |           |  |  |  |  |  |
| DRAWING NO.:<br>FL-21132.10 |         |                          |     |     |  |           |  |  |  |  |  |
| SHEET 12 OF 17              |         |                          |     |     |  |           |  |  |  |  |  |

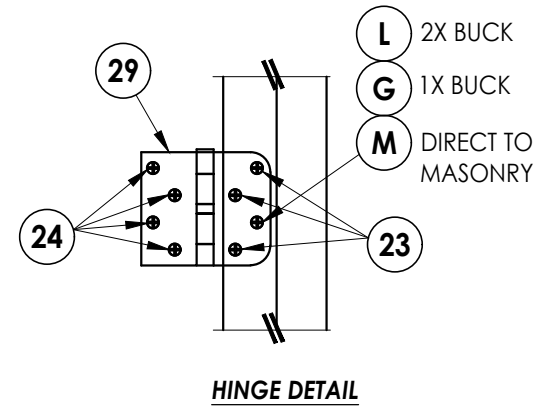
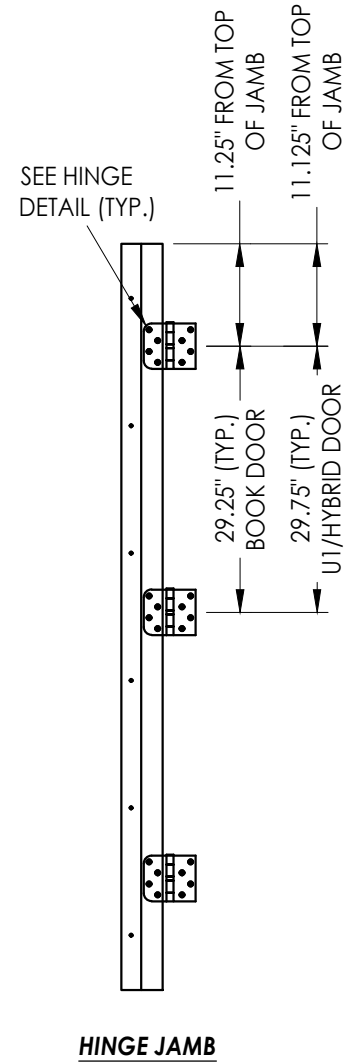
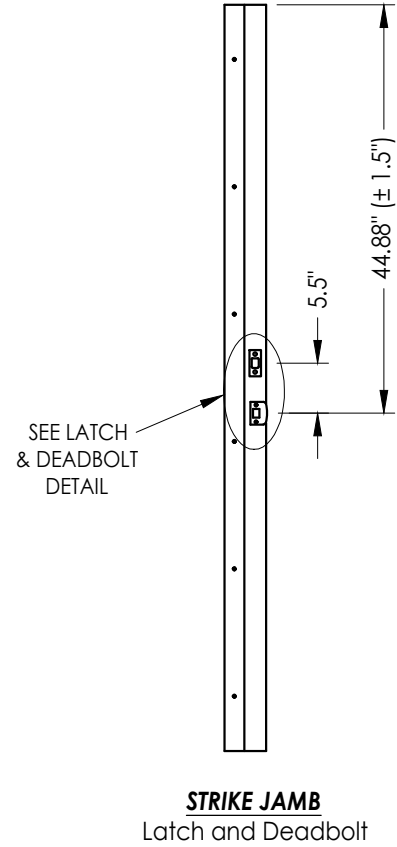
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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



### LATCH & DEADBOLT DETAIL

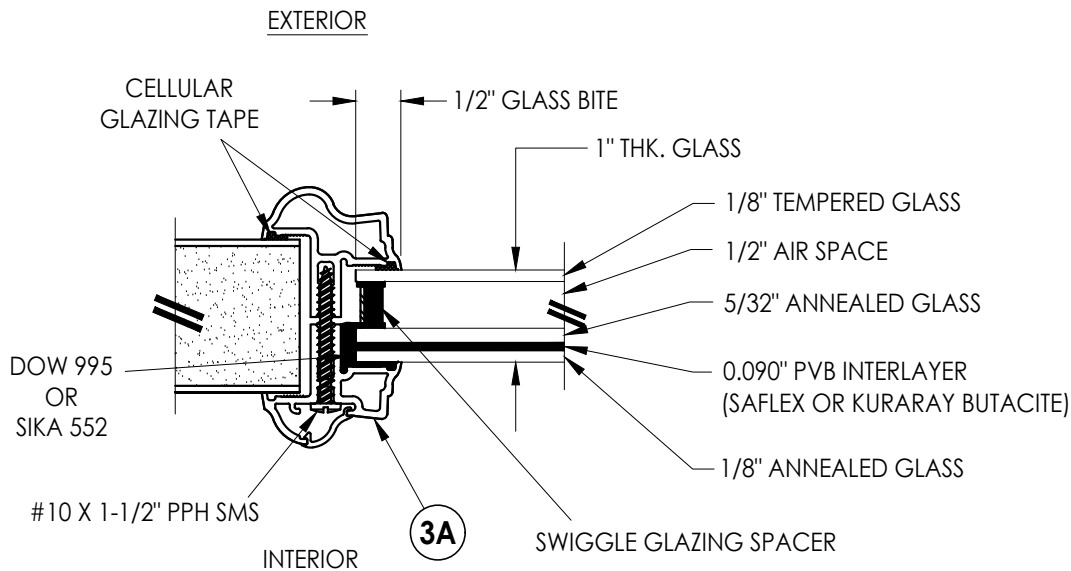
**LATCH & DEADBOLT DETAIL**  
Schlage

[illegible]

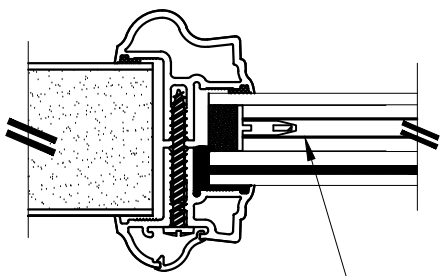
Documents Prepared By:  
Lyndon F. Schmidt  
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Phone No.: 813.659.9197  
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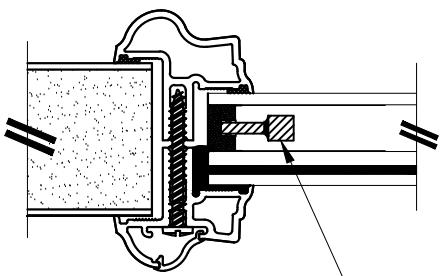
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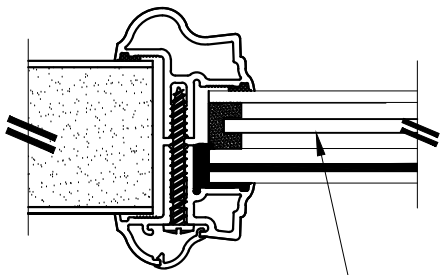
**G1 GLAZING DETAIL**  
Aluminum Impact Lite Frame  
Door Panels & Sidelites



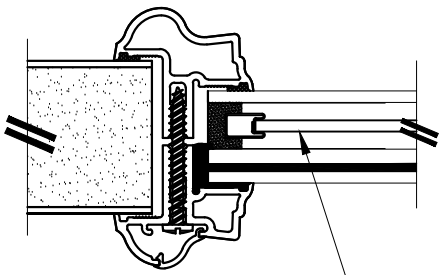
INTERNAL GRID (GBG)



WROUGHT IRON INSERT

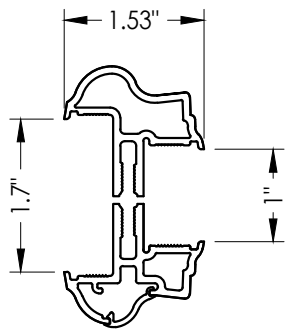


PRIVACY INSERT

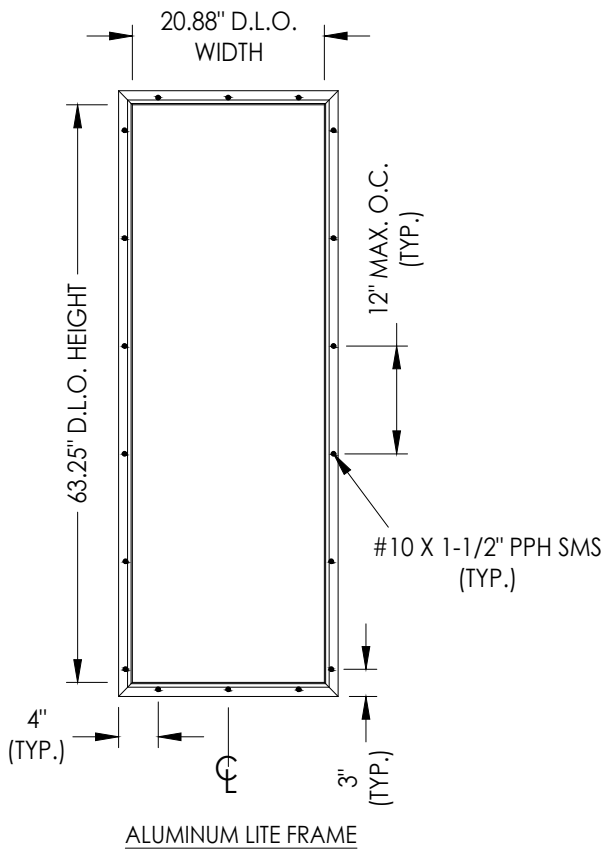


DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS



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



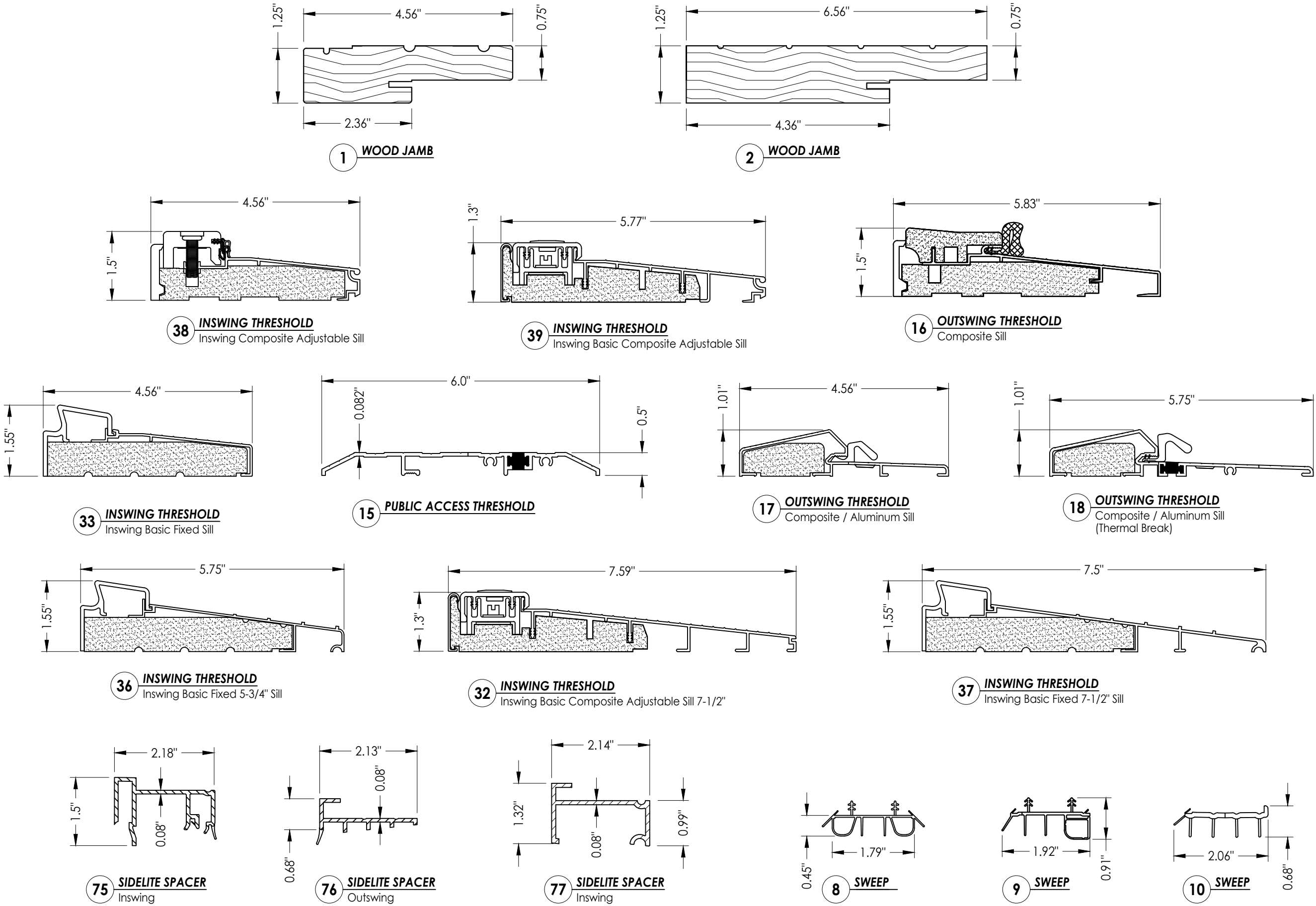
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

| PRODUCT:          |         | THERMA-TRU<br>STEEL DOOR     |     |
|-------------------|---------|------------------------------|-----|
| PART OR ASSEMBLY: |         | GLAZING DETAILS              |     |
|                   |         |                              |     |
|                   |         |                              |     |
|                   |         |                              |     |
| 2                 | 8/07/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 1                 | 7/20/20 | UPDATE TO 7th ED (2020) FBC  | LFS |
| NO.               | DATE    |                              | BY  |
| REVISIONS         |         |                              |     |

|              |             |
|--------------|-------------|
| DATE:        | 10/12/17    |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-21132.10 |
| SHEET        | 15 OF 17    |

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|                                                               |         |                                                                                                                    |     |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|-----|
| 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><br>THERMA-TRU<br>STEEL DOOR                      |         | PART OR ASSEMBLY:<br><br>COMPONENTS                                                                                |     |
|                                                               |         | LFS                                                                                                                |     |
|                                                               |         | FBC                                                                                                                |     |
| 2                                                             | 8/07/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC |
| 1                                                             | 7/20/20 | UPDATE TO 7th ED (2020)                                                                                            | FBC |
| NO.                                                           | DATE    |                                                                                                                    | BY  |
| REVISIONS                                                     |         |                                                                                                                    |     |
| DATE: 10/12/17                                                |         |                                                                                                                    |     |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |     |
| DWG. BY: JK                                                   |         |                                                                                                                    |     |
| CHK. BY: LFS                                                  |         |                                                                                                                    |     |
| DRAWING NO.:<br>FL-21132.10                                   |         |                                                                                                                    |     |
| SHEET 16 OF 17                                                |         |                                                                                                                    |     |

| BILL OF MATERIALS |                                                                                                |           | BILL OF MATERIALS |                                                    |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|-------------------|----------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  | ITEM #            | DESCRIPTION                                        | MATERIAL  |
| A                 | 1X BUCK (SG >= 0.42)                                                                           | WOOD      | 25                | #8 x 2-1/2" PFH WOOD SCREW                         | STEEL     |
| B                 | 2X BUCK (SG >= 0.42)                                                                           | WOOD      | 26                | #8 x 5/8" PFH WOOD SCREW                           | STEEL     |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         | 27                | LATCH STRIKE PLATE                                 | STEEL     |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 28                | DEADBOLT STRIKE PLATE                              | STEEL     |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  | 28A               | DEADBOLT SUB STRIKE PLATE                          | STEEL     |
| F                 | #10 X 2" PFH WOOD SCREW                                                                        | STEEL     | 29                | 4" X 4" HINGE                                      | STEEL     |
| G                 | 3/16" X 3-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 32                | IN swing THRESHOLD                                 | ALUM/COMP |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 33                | IN swing THRESHOLD                                 | ALUM/COMP |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL     | 36                | IN swing THRESHOLD                                 | ALUM/COMP |
| M                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 37                | IN swing THRESHOLD                                 | ALUM/COMP |
| N                 | 3/16" X 2-3/4" ITW CONCRETE SCREW                                                              | STEEL     | 38                | IN swing THRESHOLD                                 | ALUM/COMP |
| 1                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      | 39                | IN swing THRESHOLD                                 | ALUM/COMP |
| 2                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      | 40                | DOOR PANEL (BOOK) - "PROFILES" SERIES              | -         |
| 6                 | WEATHERSTRIP (MEDIUM REACH)                                                                    | FOAM      | 41                | DOOR PANEL (HYBRID) - "PROFILES" SERIES            | -         |
| 7                 | WEATHERSTRIP (LONG REACH)                                                                      | FOAM      | 42                | DOOR PANEL (U1) - "PROFILES" SERIES                | -         |
| 8                 | SWEEP                                                                                          | VINYL     | 50                | SIDELITE (FULL LITE)                               | -         |
| 9                 | SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)                                                      | VINYL     | 60                | DOOR PANEL (BOOK) - "TRADITIONS" SERIES            | -         |
| 10                | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)                                                         |           | 61                | DOOR PANEL (HYBRID) - "TRADITIONS" SERIES          | -         |
| 15                | PUBLIC ACCESS THRESHOLD                                                                        | ALUM      | 62                | DOOR PANEL (U1) - "TRADITIONS" SERIES              | -         |
| 16                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 75                | SIDELITE SPACER (IN swing)                         | -         |
| 17                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 76                | SIDELITE SPACER (OUTSWING)                         | -         |
| 18                | OUTSWING THRESHOLD                                                                             | ALUM/COMP | 77                | SIDELITE SPACER (IN swing) - MODERATE CLIMATE SILL | -         |
| 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     |                   |                                                    |           |

## 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]