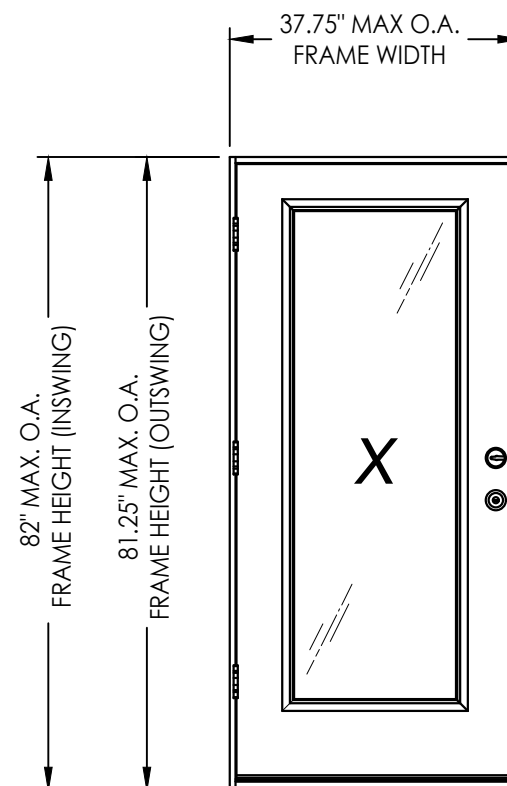


## GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 excludes Wind Zone 4 as defined in ASTM E1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. Fiber-Classic & Smooth-Star Door panel require the use of "J" part numbers and must be stained or painted within six months of installation.

| TABLE OF CONTENTS |                                                          |
|-------------------|----------------------------------------------------------|
| SHEET #           | DESCRIPTION                                              |
| 1                 | Typical Elevations, Design Pressures & General Notes     |
| 2                 | Door Panel Details                                       |
| 3                 | Elevations                                               |
| 4                 | Horizontal & Vertical Cross Sections (2X Buck)           |
| 5                 | Horizontal & Vertical Cross Sections (1X Buck)           |
| 6                 | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 7                 | Vertical Cross Sections (Thresholds)                     |
| 8                 | Buck & Frame Anchoring                                   |
| 9                 | Hardware Details                                         |
| 10                | Life Frame & Glazing Details                             |
| 11                | Components                                               |
| 12                | Bill of Materials                                        |



| CONFIGURATION | LOCK TYPE        | DESIGN PRESSURE (PSF)<br>INSWING |          | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|---------------|------------------|----------------------------------|----------|-----------------------------------|----------|
|               |                  | POSITIVE                         | NEGATIVE | POSITIVE                          | NEGATIVE |
| X             | LATCH & DEADBOLT | +60.0                            | -65.0    | +60.0                             | -60.0    |
|               | MULTIPOINT LOCK  | +50.0                            | -50.0    | +50.0                             | -50.0    |

Digitally signed by Lyndon F Schmidt  
Date: 2026.08.07 10:18:55 -04'00'

This item has been digitally signed and sealed by  
**L. F. Schmidt, P.E.** on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

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

**PRODUCT:** THERMA-TRU  
FIBERGLASS DOOR

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

[illegible]

DATE: 4/13/21

SCALE: *N.T.S.*

DWG. BY: *RW*

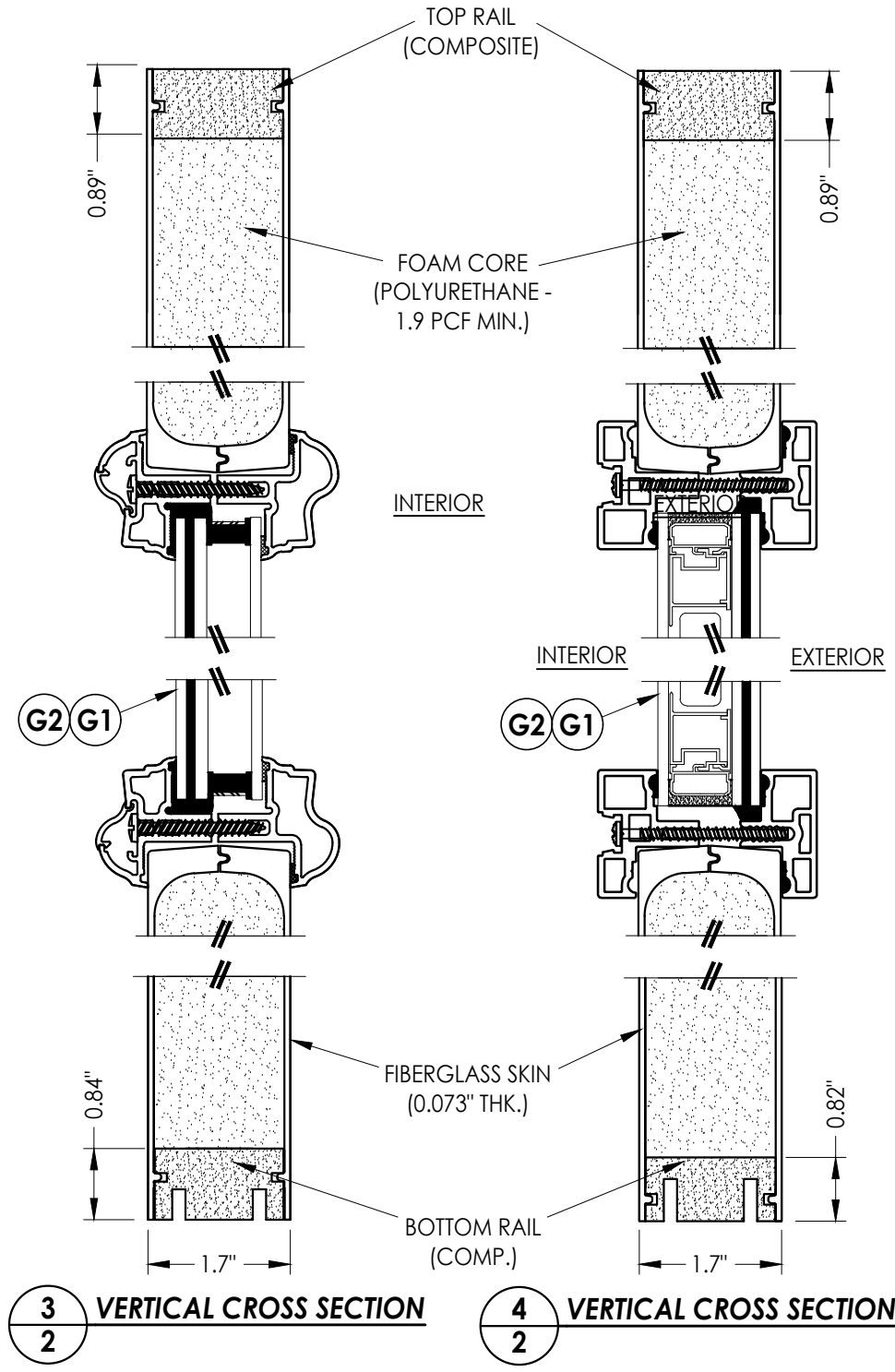
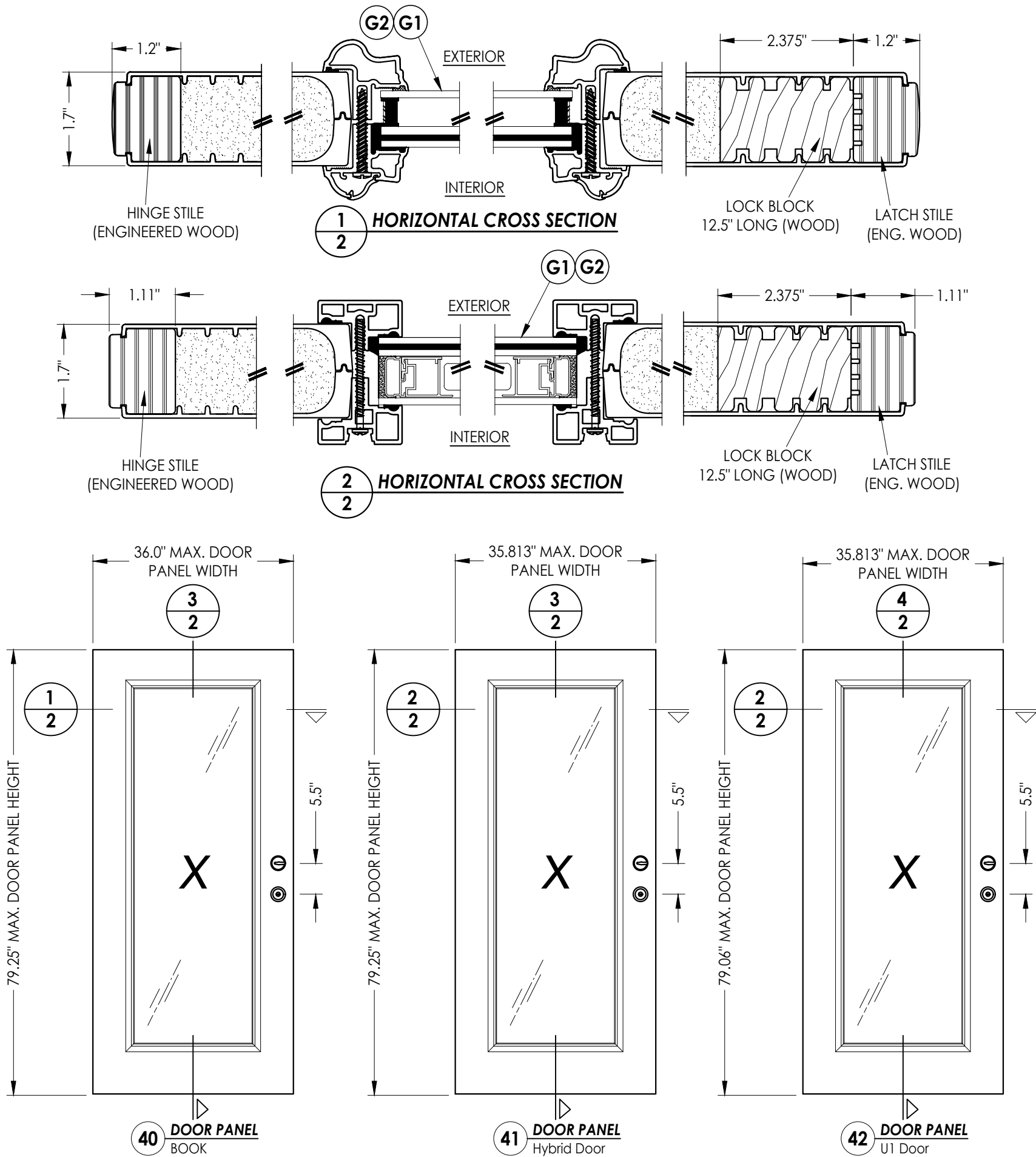
CHK. BY: LFS

|              |
|--------------|
| DRAWING NO.: |
|--------------|

FL-21138.19

SHEET 1 OF 12

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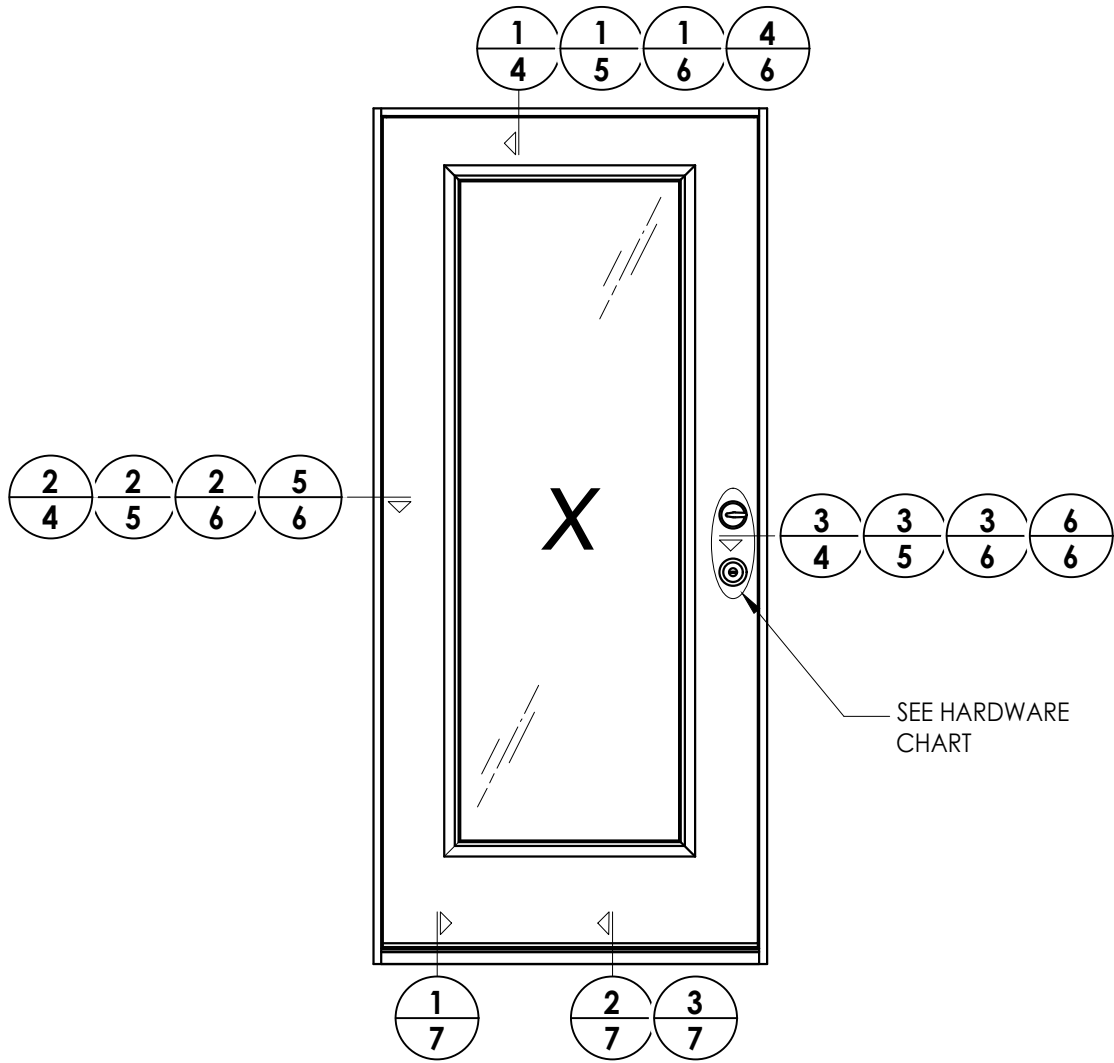


Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

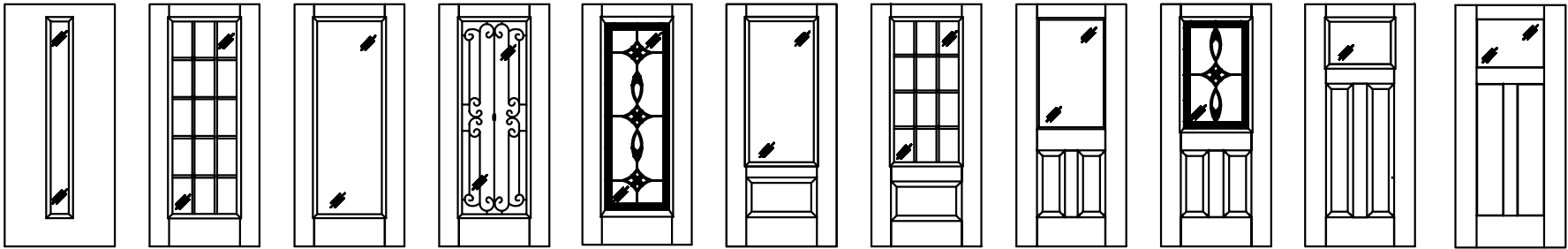
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| PRODUCT:                 |  | THERMA-TRU<br>FIBERGLASS DOOR |  | PART OR ASSEMBLY: |      | DOOR PANEL DETAILS       |           |
|--------------------------|--|-------------------------------|--|-------------------|------|--------------------------|-----------|
|                          |  |                               |  |                   |      |                          |           |
|                          |  |                               |  | LFS               | FBC  | UPDATE TO 9TH ED. (2026) |           |
|                          |  |                               |  | LFS               | FBC  | UPDATE TO 8TH ED. (2023) |           |
|                          |  |                               |  | NO.               | DATE |                          |           |
|                          |  |                               |  |                   |      |                          | REVISIONS |
| DATE: 4/13/21            |  |                               |  |                   |      |                          |           |
| SCALE: N.T.S.            |  |                               |  |                   |      |                          |           |
| DWG. BY: RW              |  |                               |  |                   |      |                          |           |
| CHK. BY: LFS             |  |                               |  |                   |      |                          |           |
| DRAWING NO.: FL-21138.19 |  |                               |  |                   |      |                          |           |
| SHEET 2 OF 12            |  |                               |  |                   |      |                          |           |

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



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

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

DATE: 4/13/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-21138.19

SHEET 3 OF 12

PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
ELEVATIONS

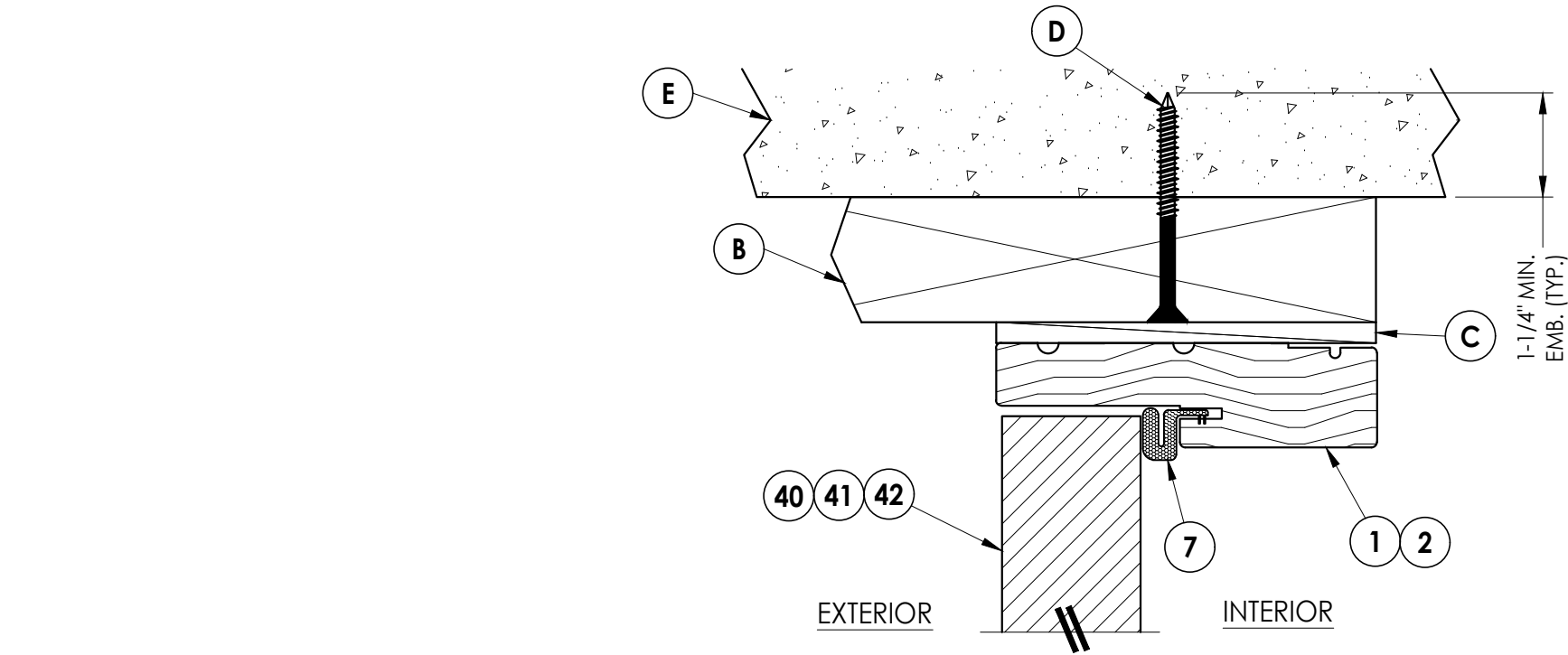
REVISIONS

|     |         |                          |     |     |
|-----|---------|--------------------------|-----|-----|
| 2   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
| 1   | 8/22/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| NO. | DATE    |                          |     | BY  |

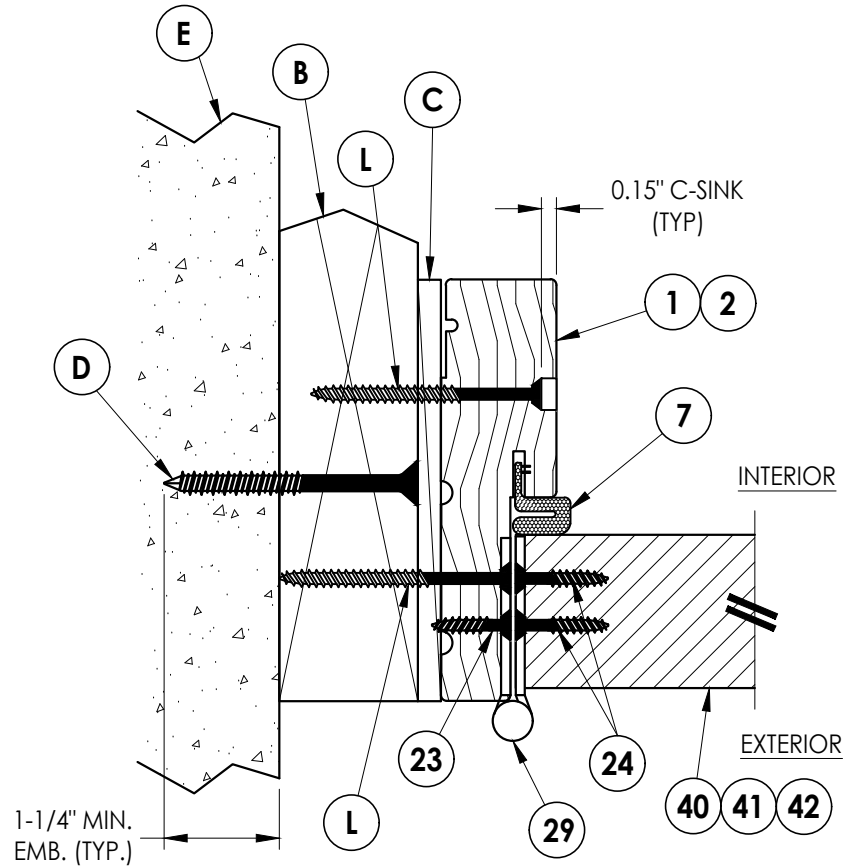
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P.E. No. 43409

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

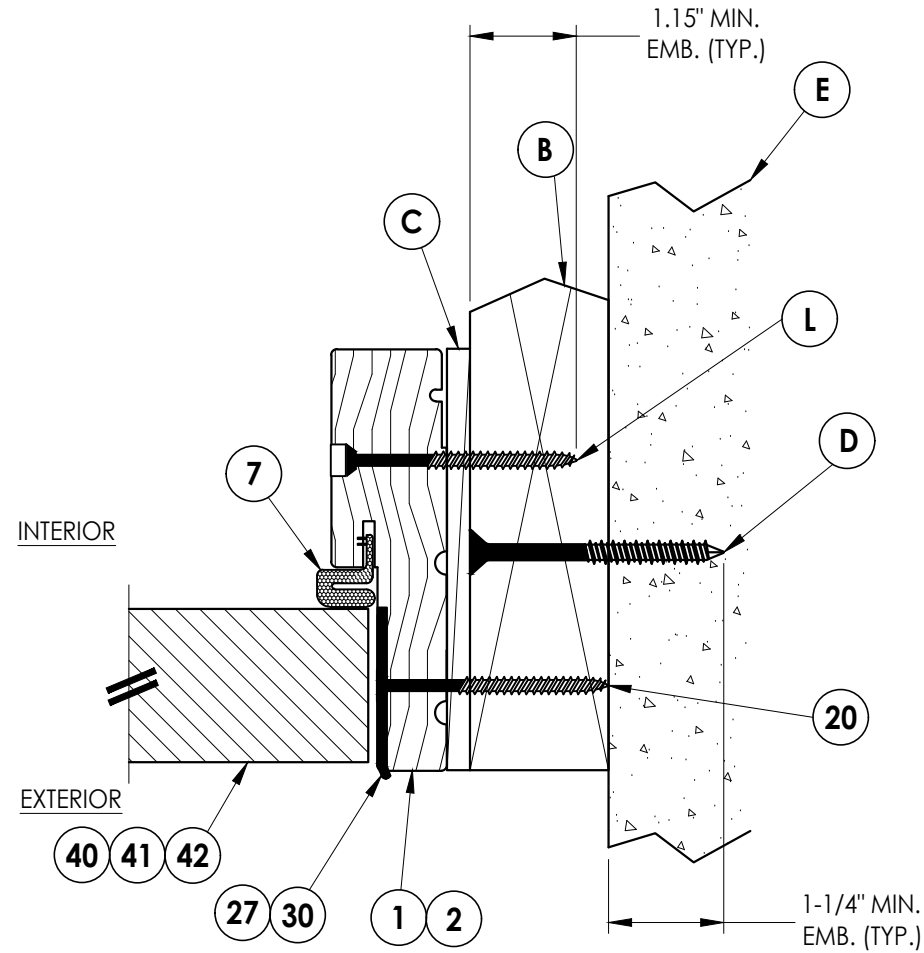
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**1**  
**4** **VERTICAL CROSS SECTION**  
Shown w/ 2X Buck  
Outswing shown (Inswing similar)



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



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

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (2X BUCK)

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 2   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 1   | 8/22/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
|     |         | BY                               |

DATE: 4/13/21

SCALE: N.T.S.

DWG. BY: RW

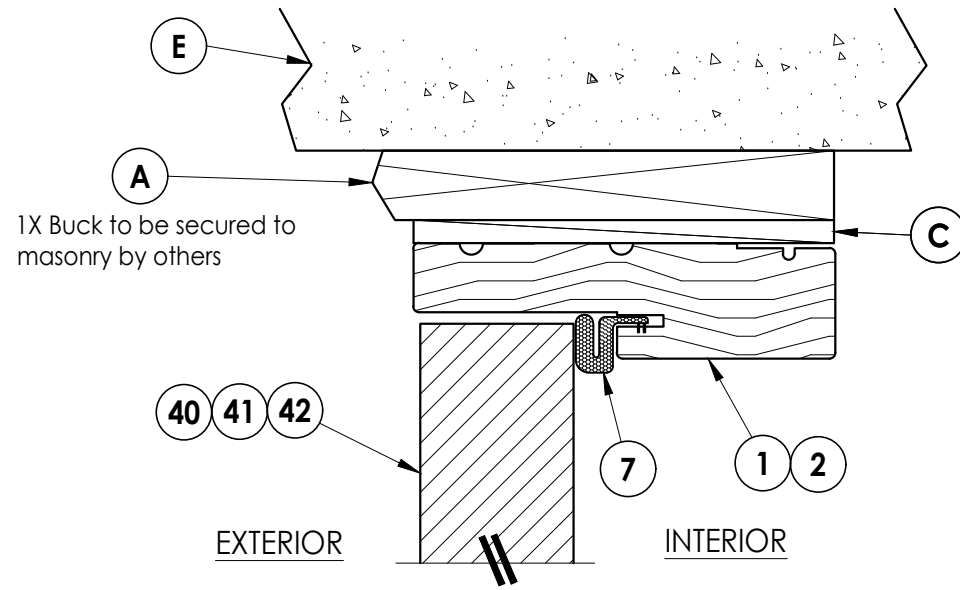
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DRAWING NO.:

FL-21138.19

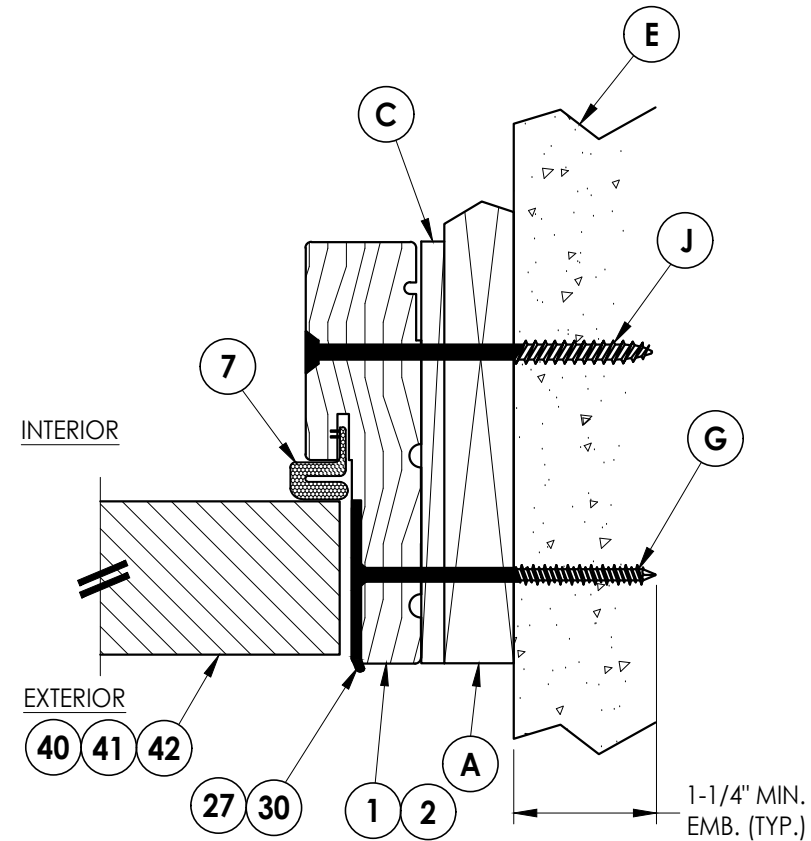
SHEET 4 OF 12

1-1/4" MIN.  
EMB. (TYP.)



## 1 5 **VERTICAL CROSS SECTION**

Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



### 3 **HORIZONTAL CROSS SECTION**

5 Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)

|     |         |                          |     |     |
|-----|---------|--------------------------|-----|-----|
|     |         |                          |     |     |
|     |         |                          |     |     |
|     |         |                          |     |     |
|     |         |                          |     |     |
| 2   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
| 1   | 8/22/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| NO. | DATE    | REVISIONS                |     |     |

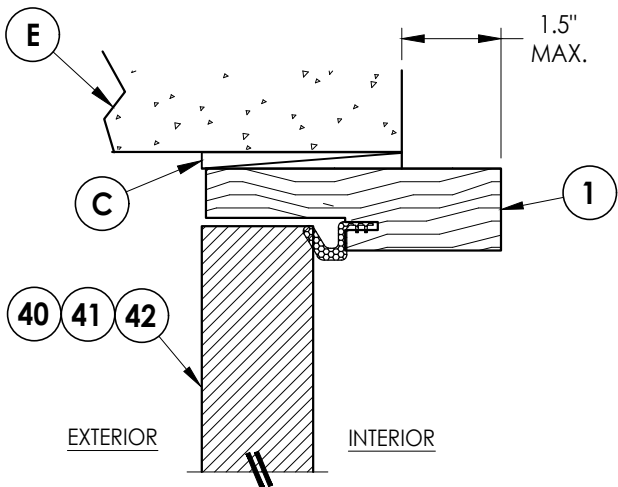
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|--------------|-------------|
| DATE:        | 4/13/21     |
| SCALE:       | N.T.S.      |
| DWG. BY:     | RW          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-21138.19 |
| SHEET        | 5 OF 12     |

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

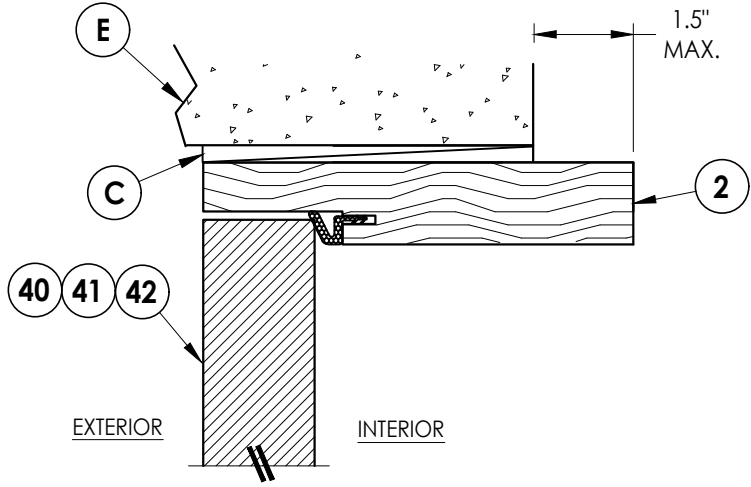
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FBPE Registry No. 9813

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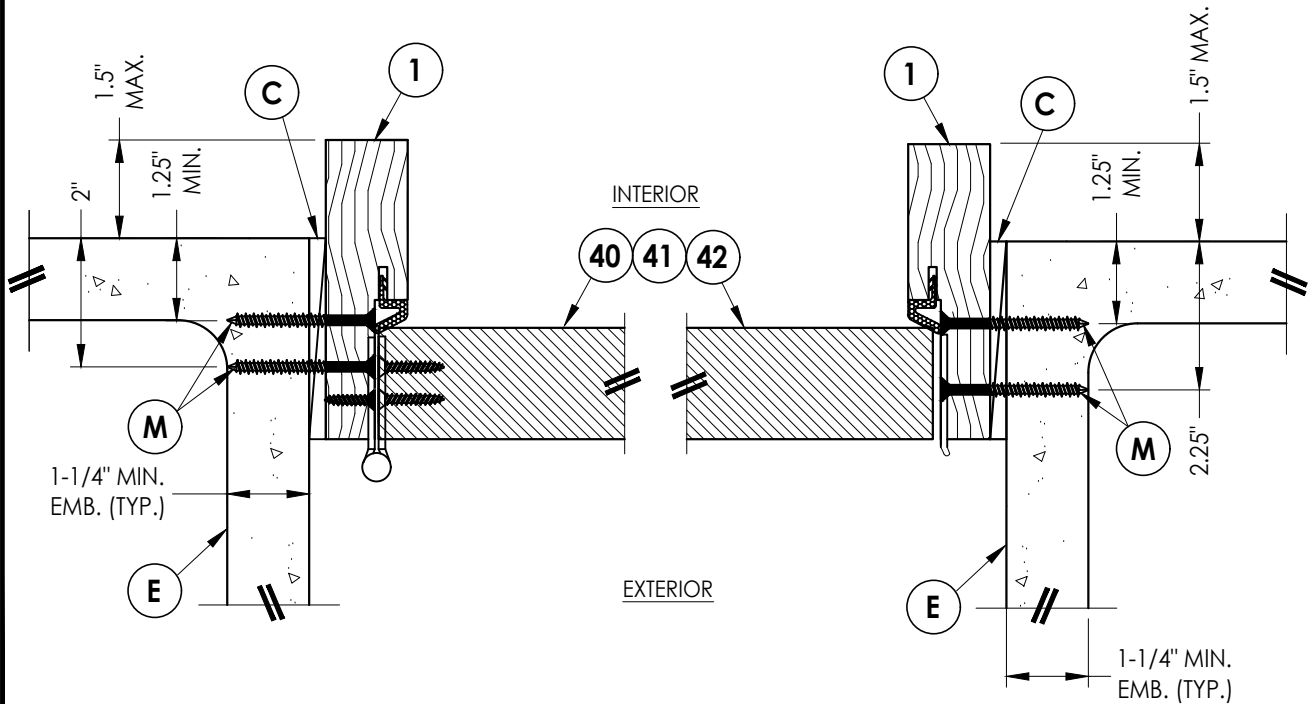


**1**  
**6** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb



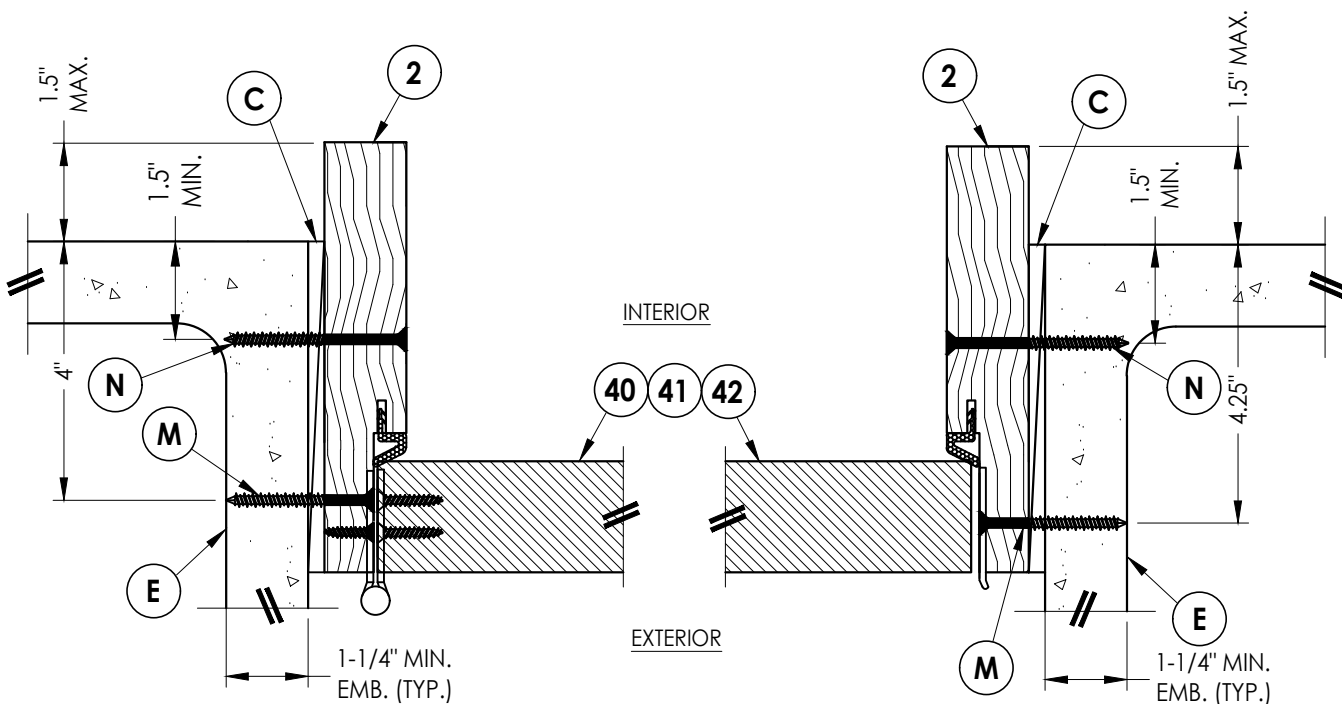
**4**  
**6** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

DIRECT TO MASONRY MAX. DESIGN PRESSURE:  
± 55 PSF



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

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



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

**6**  
**6** **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  
FIBERGLASS DOOR  
PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
SECTIONS (DIRECT TO MASONRY)

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 2   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |
| 1   | 8/22/23 | UPDATE TO 8TH ED. (2023) FBC |
| 1   |         |                              |

DATE: 4/13/21

SCALE: N.T.S.

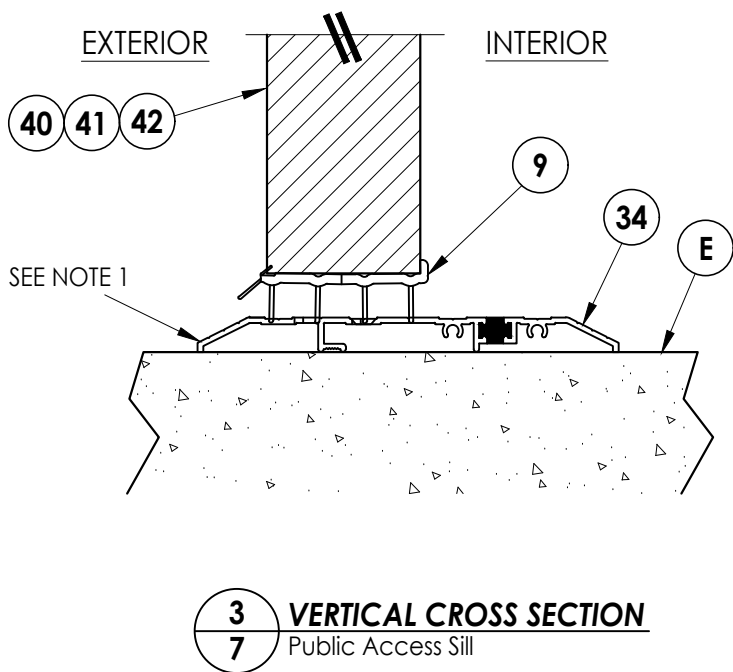
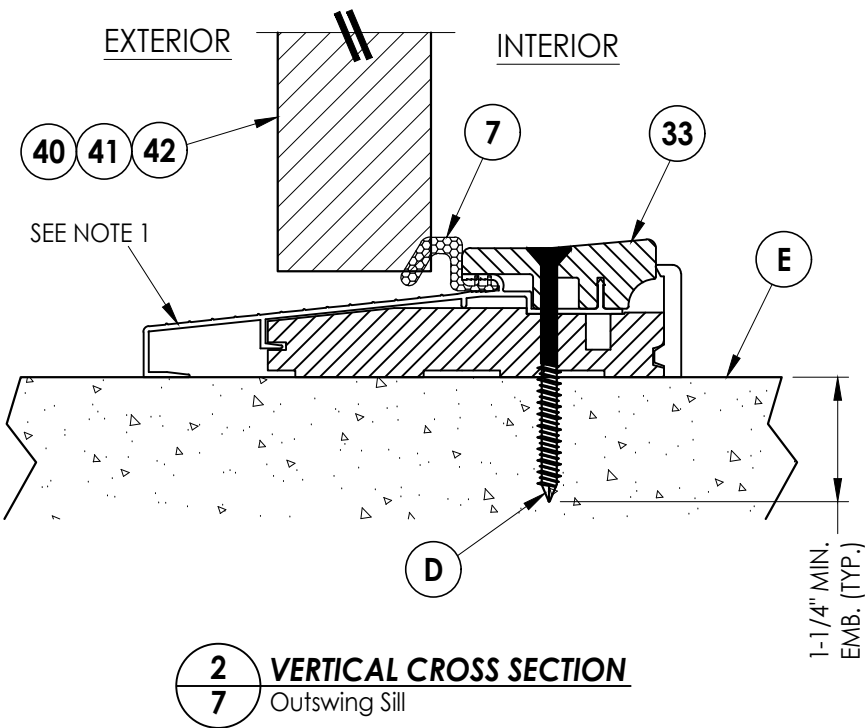
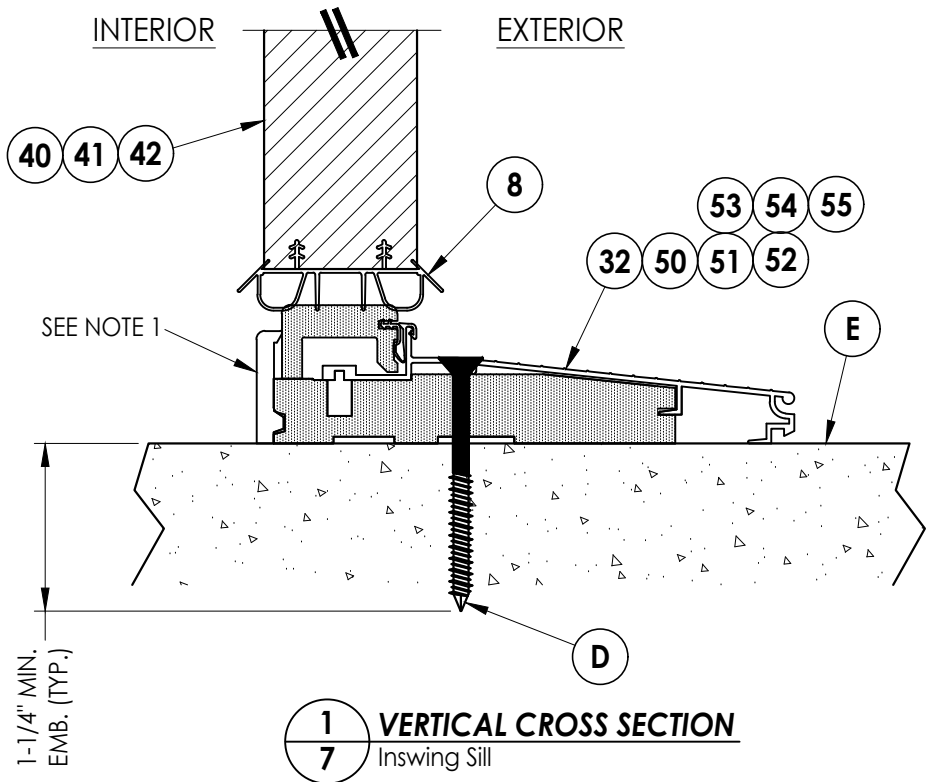
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-21138.19

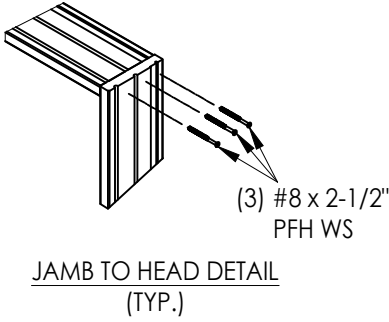
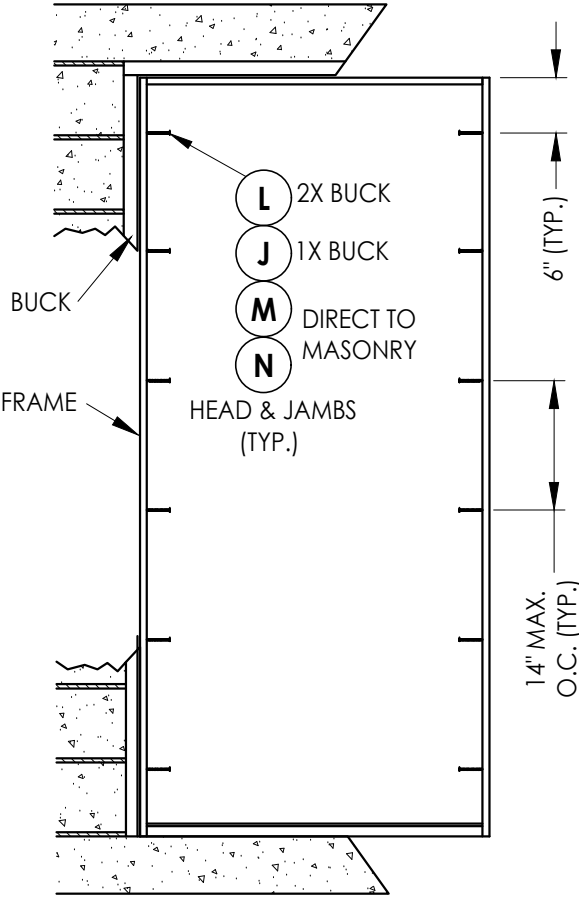
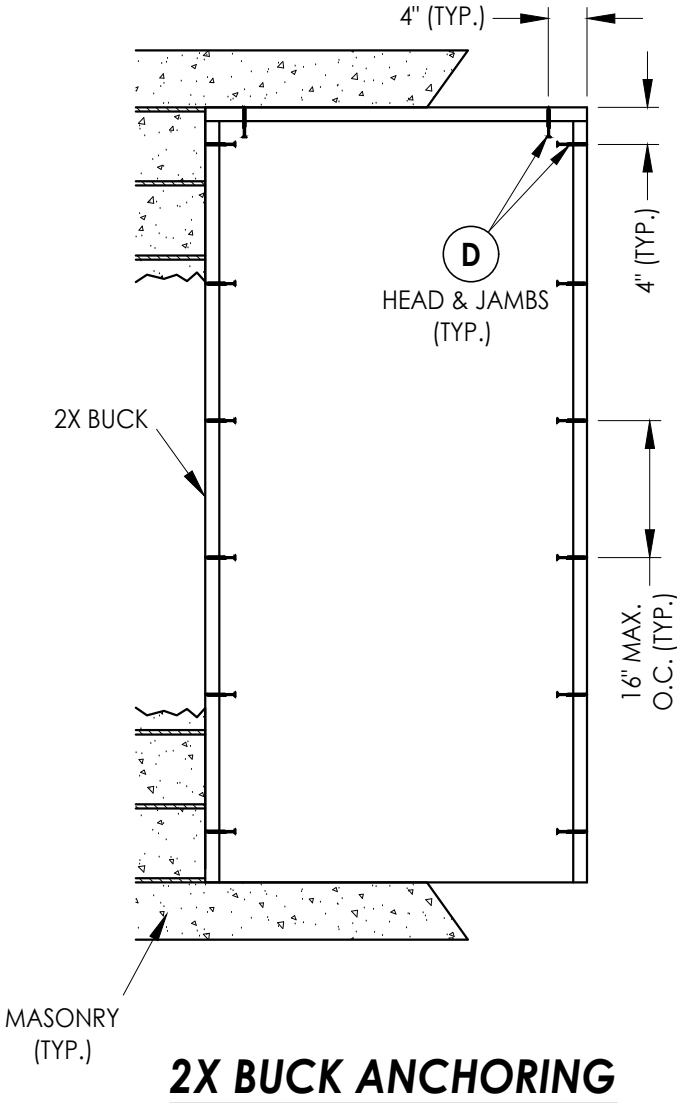
SHEET 6 OF 12

Notes:  
1. Sill Item #'s 32, 33, 50, 51, 52, 53, 54 & 55 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.  
Sill Item #34 is attached to jambs utilizing (4) #10 X 1-1/2" pph screws at each end.



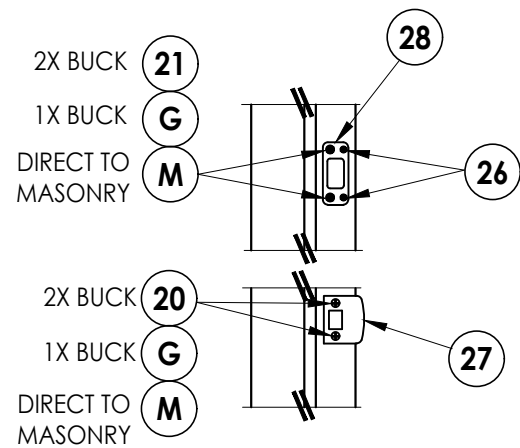
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| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |                                                              |     | RW BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |                          |     |
| PRODUCT:<br>THERMA-TRU<br>FIBERGLASS DOOR                     |  | PART OR ASSEMBLY:<br>VERTICAL CROSS<br>SECTIONS (THRESHOLDS) |     |                                                                                                                       |         |                          |     |
|                                                               |  |                                                              | LFS | 2                                                                                                                     | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC |
|                                                               |  |                                                              | LFS | 1                                                                                                                     | 8/22/23 | UPDATE TO 8TH ED. (2023) | FBC |
|                                                               |  |                                                              | BY  |                                                                                                                       | NO.     | DATE                     |     |
|                                                               |  |                                                              |     | REVISIONS                                                                                                             |         |                          |     |
| DATE: 4/13/21                                                 |  |                                                              |     |                                                                                                                       |         |                          |     |
| SCALE: N.T.S.                                                 |  |                                                              |     |                                                                                                                       |         |                          |     |
| DWG. BY: RW                                                   |  |                                                              |     |                                                                                                                       |         |                          |     |
| CHK. BY: LFS                                                  |  |                                                              |     |                                                                                                                       |         |                          |     |
| DRAWING NO.: FL-21138.19                                      |  |                                                              |     |                                                                                                                       |         |                          |     |
| SHEET 7 OF 12                                                 |  |                                                              |     |                                                                                                                       |         |                          |     |

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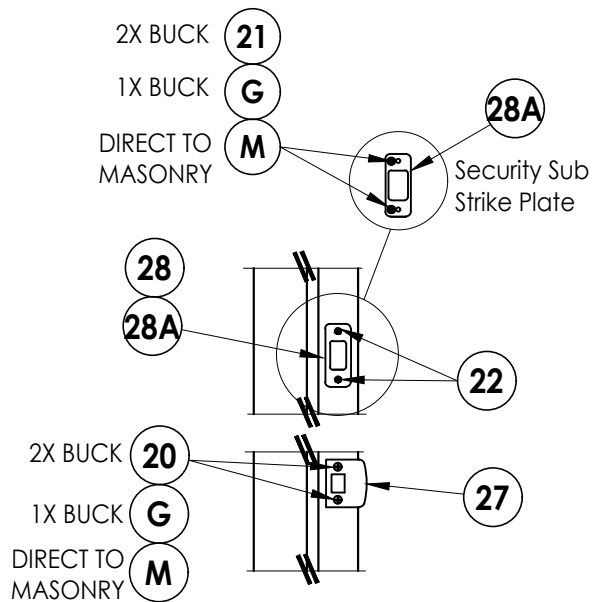
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| DATE: 4/13/21               |  | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                         |  |
| SCALE: N.T.S.               |  | THERMA-TRU<br>FIBERGLASS DOOR                                                                                         |  |
| DWG. BY: RW                 |  |                                                                                                                       |  |
| CHK. BY: LFS                |  | PART OR ASSEMBLY:<br>BUCK & FRAME ANCHORING                                                                           |  |
| DRAWING NO.:<br>FL-21138.19 |  |                                                                                                                       |  |
| SHEET 8 OF 12               |  | RW BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |
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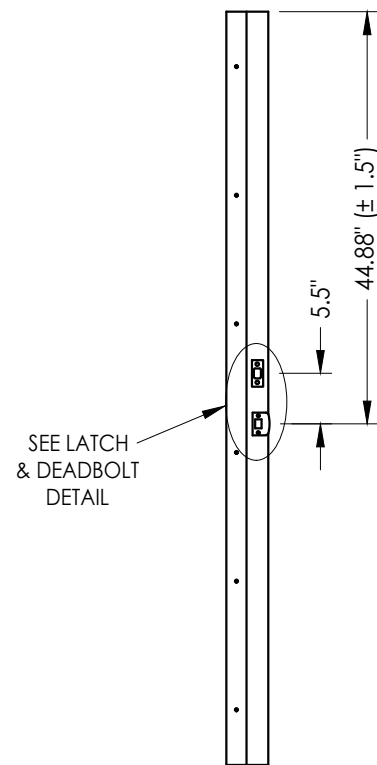
**LATCH & DEADBOLT DETAIL**

Kwikset



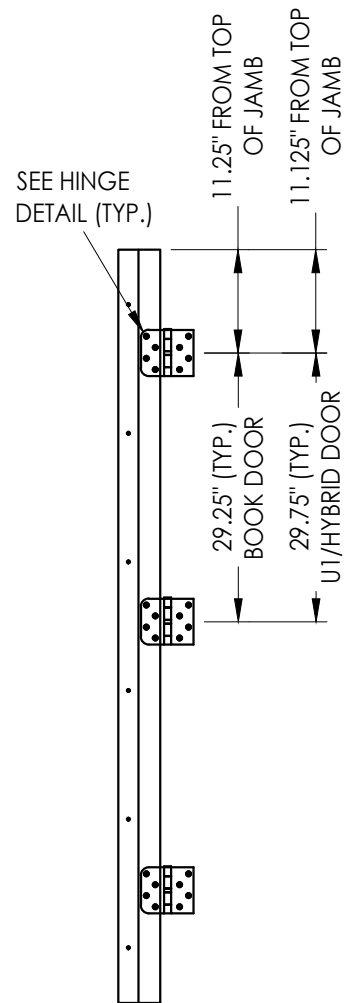
**LATCH & DEADBOLT DETAIL**

Schlage

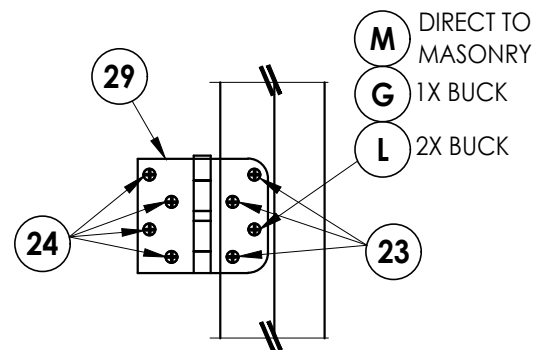


**STRIKE JAMB**

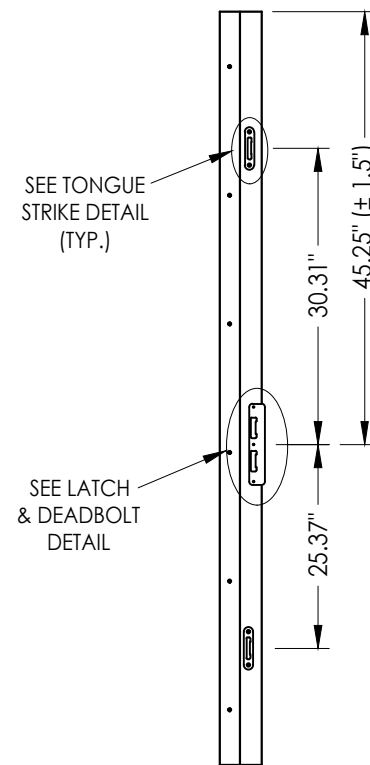
Latch and Deadbolt



**HINGE JAMB**

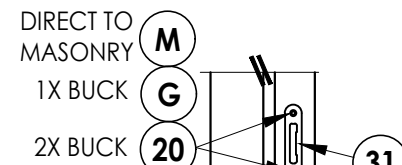


**HINGE DETAIL**



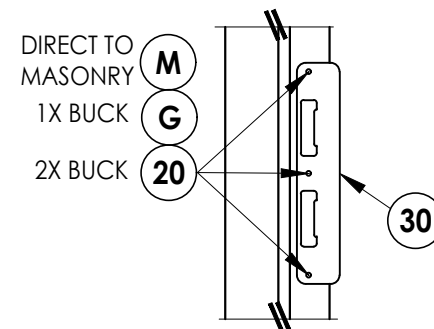
**STRIKE JAMB**

Multipoint Lock



**TONGUE STRIKE DETAIL**

Multipoint Lock



**LATCH & DEADBOLT DETAIL**

Multipoint Lock

**LATCH & DEADBOLT STRIKE DETAILS**

**MULTIPOINT LOCK STRIKE DETAILS**

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

PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HARDWARE DETAILS

| REVISIONS |         |     |                              |
|-----------|---------|-----|------------------------------|
| NO.       | DATE    | BY  |                              |
| 2         | 7/02/26 | LFS | UPDATE TO 9TH ED. (2026) FBC |
| 1         | 8/22/23 | LFS | UPDATE TO 8TH ED. (2023) FBC |

DATE: 4/13/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

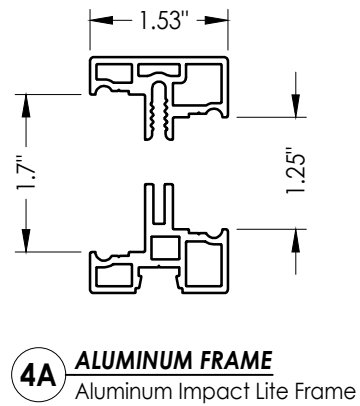
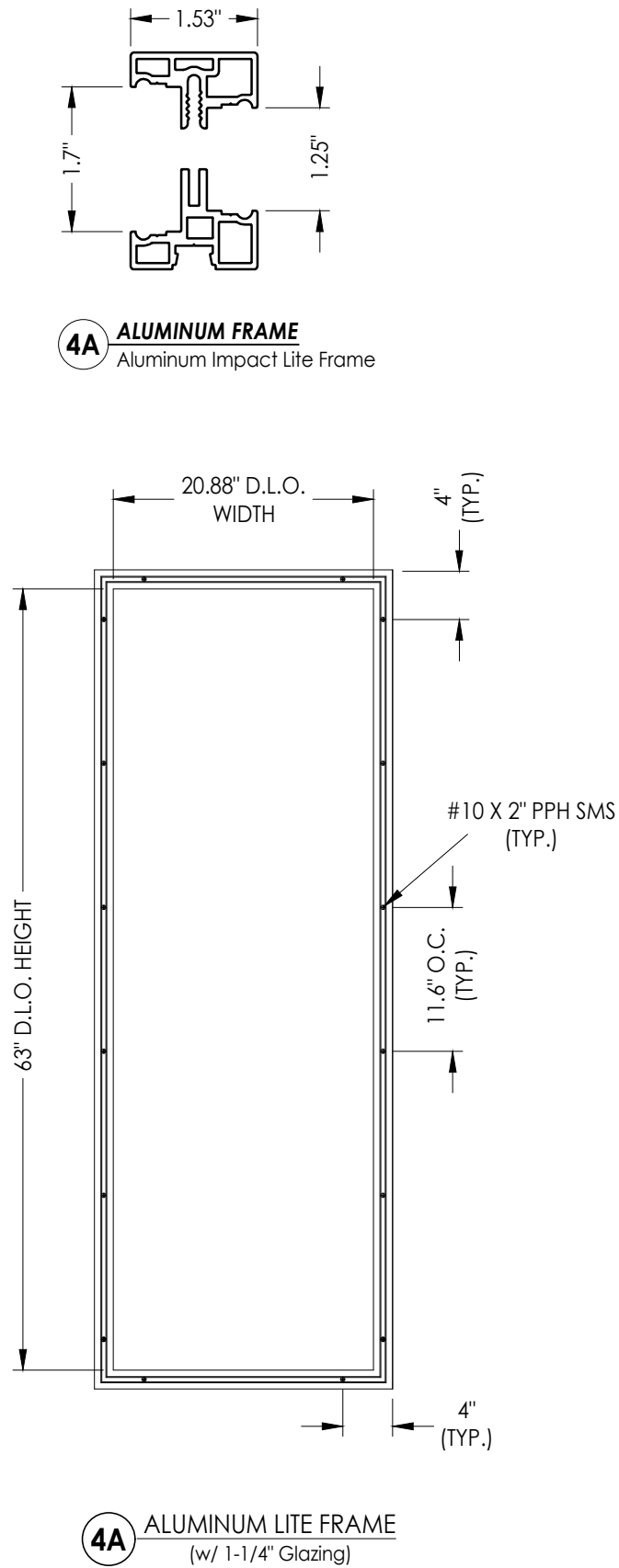
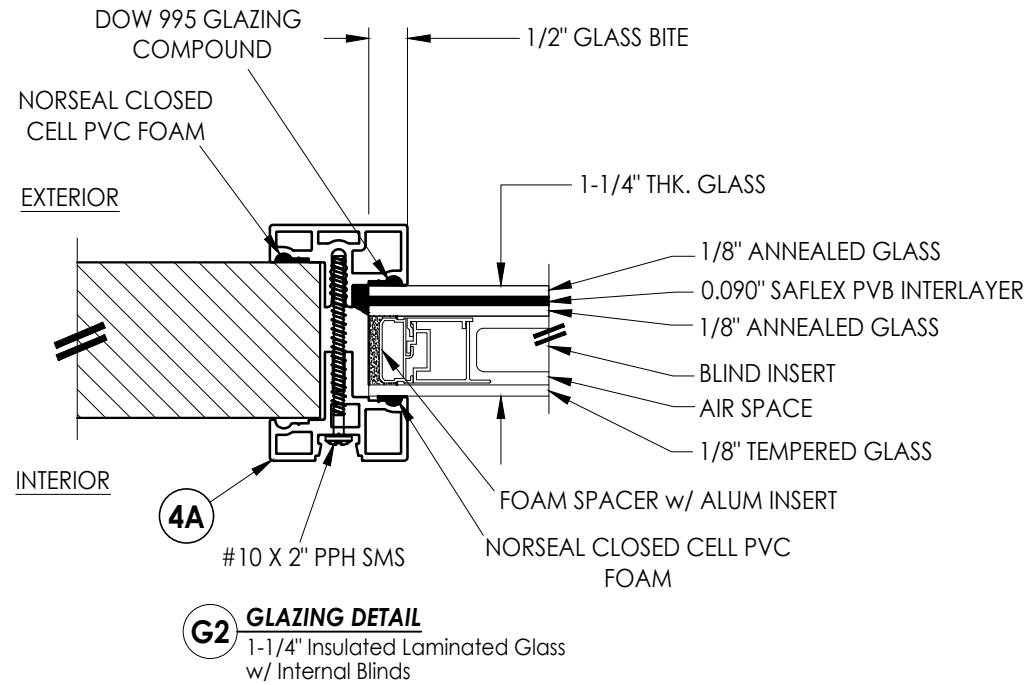
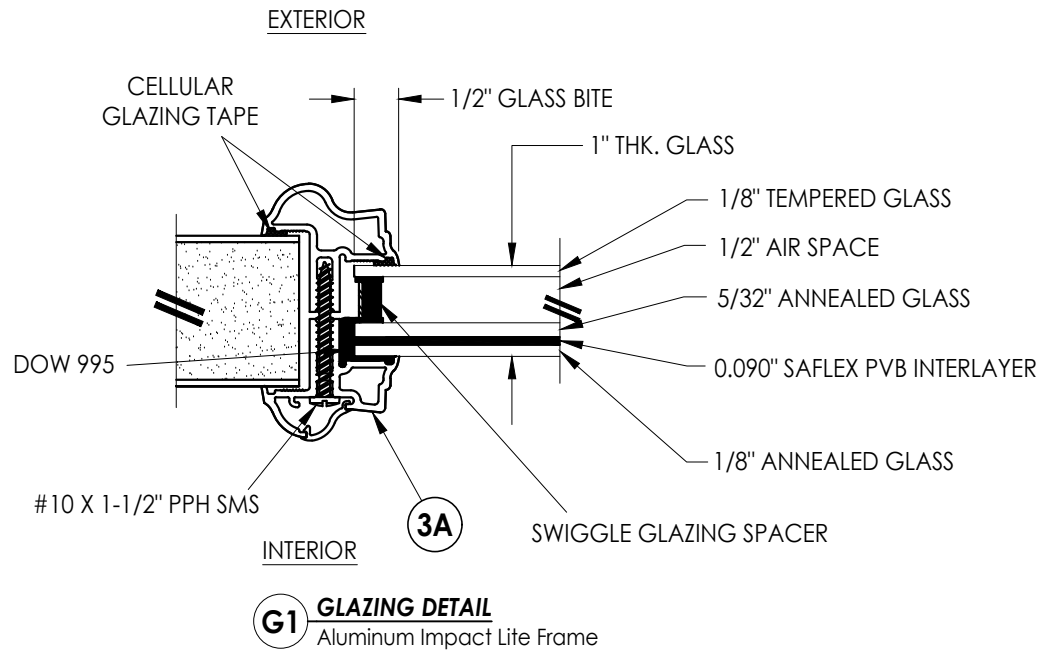
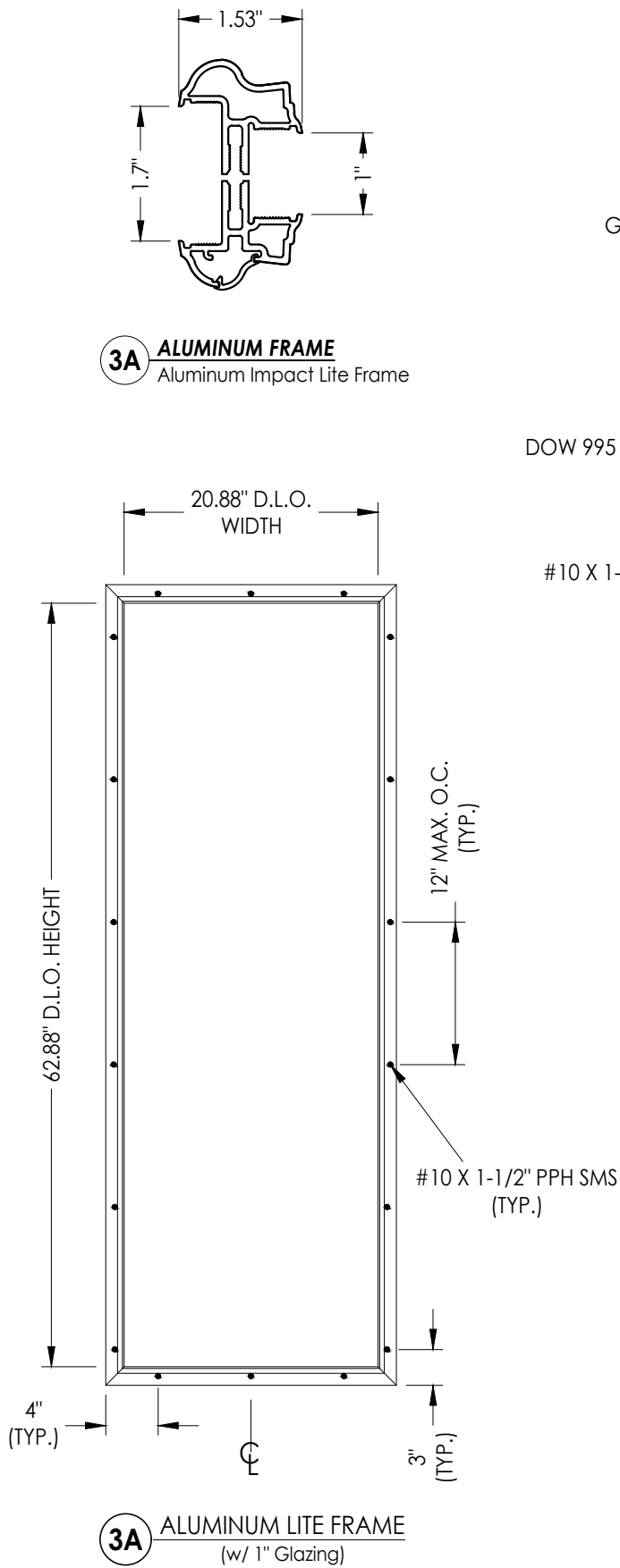
DRAWING NO.:

FL-21138.19

SHEET 9 OF 12

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

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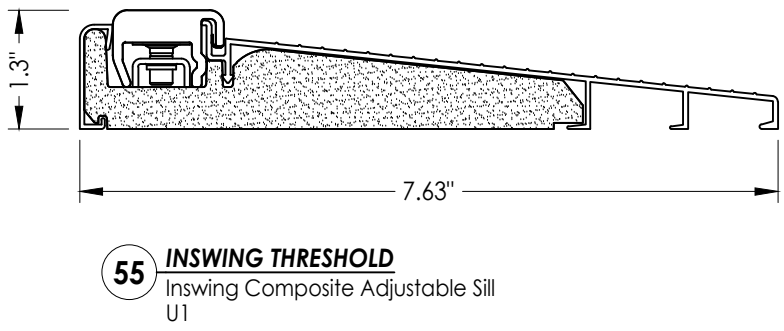
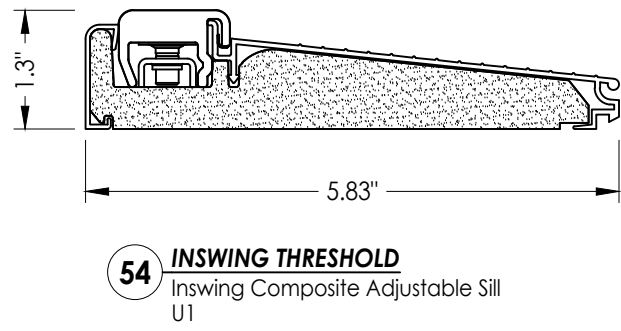
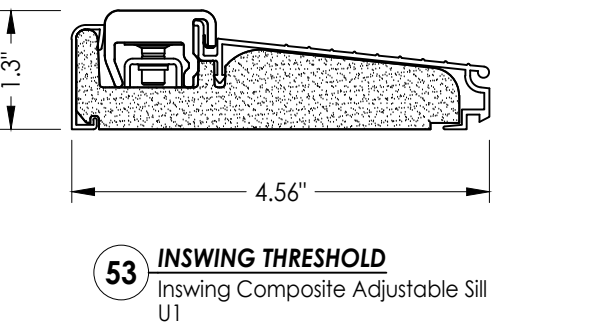
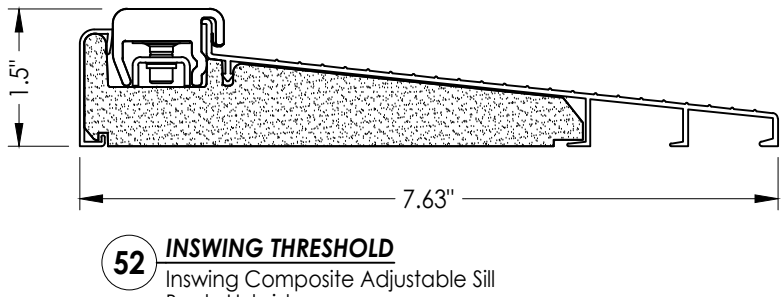
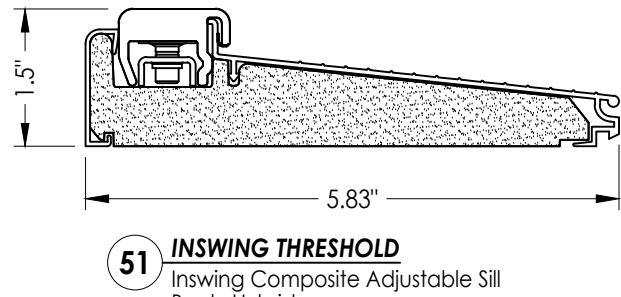
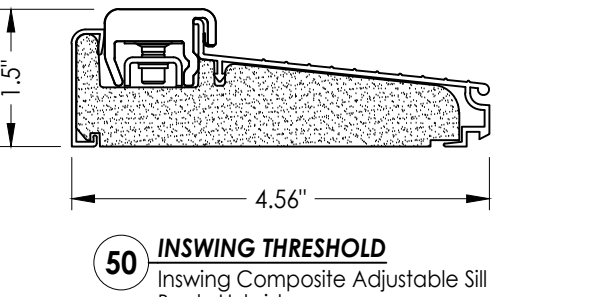
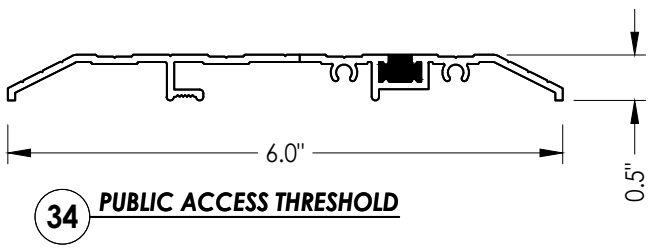
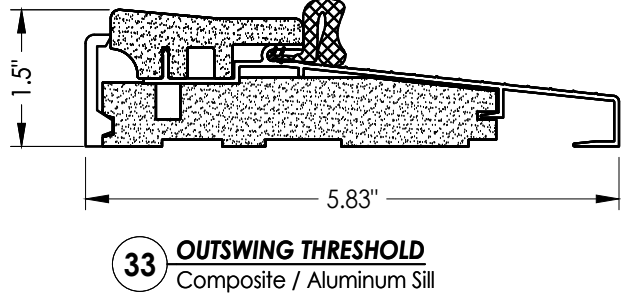
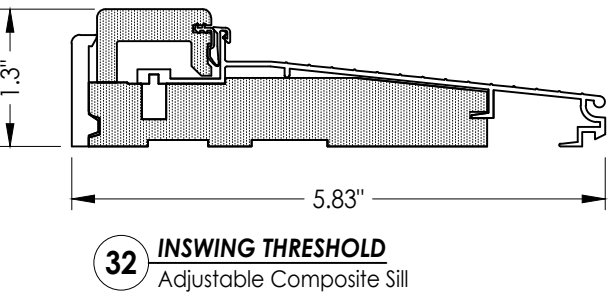
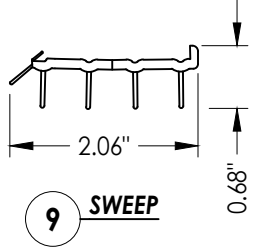
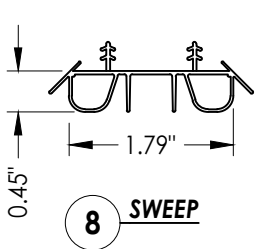
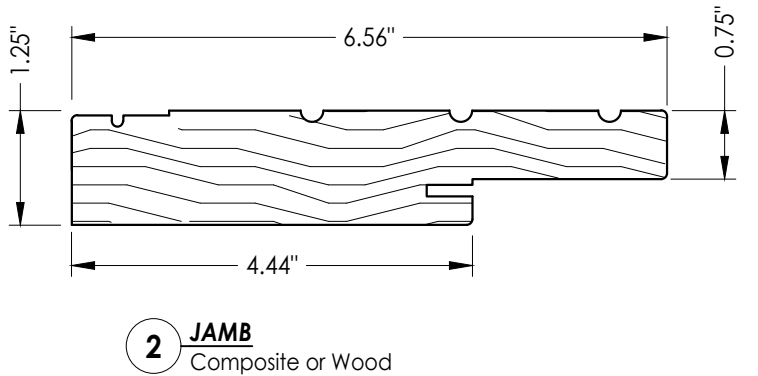
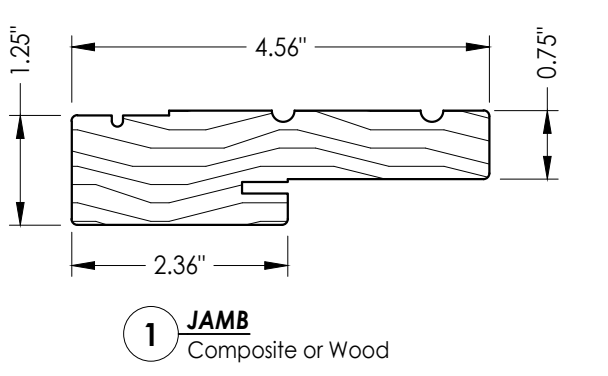
DATE: 4/13/21  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: FL-21138.19  
SHEET 10 OF 12

| PRODUCT:          |         | THERMA-TRU<br>FIBERGLASS DOOR   |           |
|-------------------|---------|---------------------------------|-----------|
| PART OR ASSEMBLY: |         | LITE FRAME<br>& GLAZING DETAILS |           |
| NO.               | DATE    | BY                              | REVISIONS |
| 2                 | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC    | LFS       |
| 1                 | 8/22/23 | UPDATE TO 8TH ED. (2023) FBC    | LFS       |

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

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|---------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------|-----|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | RW 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>FIBERGLASS DOOR                 |         | PART OR ASSEMBLY:<br><br>COMPONENTS                                                                                   |     |
|                                                               |         |                                                                                                                       |     |
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| 2                                                             | 7/02/26 | UPDATE TO 9TH ED. (2026)                                                                                              | FBC |
| 1                                                             | 8/22/23 | UPDATE TO 8TH ED. (2023)                                                                                              | FBC |
| NO.                                                           | DATE    |                                                                                                                       | BY  |
| REVISIONS                                                     |         |                                                                                                                       |     |
| DATE: 4/13/21                                                 |         |                                                                                                                       |     |
| SCALE: N.T.S.                                                 |         |                                                                                                                       |     |
| DWG. BY: RW                                                   |         |                                                                                                                       |     |
| CHK. BY: LFS                                                  |         |                                                                                                                       |     |
| DRAWING NO.:<br>FL-21138.19                                   |         |                                                                                                                       |     |
| SHEET 11 OF 12                                                |         |                                                                                                                       |     |

| BILL OF MATERIALS |                                         |           |
|-------------------|-----------------------------------------|-----------|
| ITEM #            | DESCRIPTION                             | MATERIAL  |
| 30                | LATCH & DEADBOLT STRIKE PLATE           | STEEL     |
| 31                | MULTIPOINT STRIKE PLATE (TONGUE SYSTEM) | STEEL     |
| 32                | INSWING THRESHOLD                       | ALUM/COMP |
| 33                | OUTSWING THRESHOLD                      | ALUM/COMP |
| 34                | PUBLIC ACCESS THRESHOLD                 | ALUM      |
| 40                | DOOR PANEL (BOOK)                       | -         |
| 41                | DOOR PANEL (HYBRID)                     | -         |
| 42                | DOOR PANEL (U1)                         | -         |
| 50                | INSWING THRESHOLD                       | ALUM/COMP |
| 51                | INSWING THRESHOLD                       | ALUM/COMP |
| 52                | INSWING THRESHOLD                       | ALUM/COMP |
| 53                | INSWING THRESHOLD                       | ALUM/COMP |
| 54                | INSWING THRESHOLD                       | ALUM/COMP |
| 55                | INSWING THRESHOLD                       | ALUM/COMP |

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

### CONCRETE ANCHOR NOTES:

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

| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®      | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRAON+® | 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.

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

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

**PRODUCT:** THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:

[illegible]

DATE: 4/13/21

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: *LFS*

DRAWING NO.:  
FL-21138.19

SHEET 12 OF 12