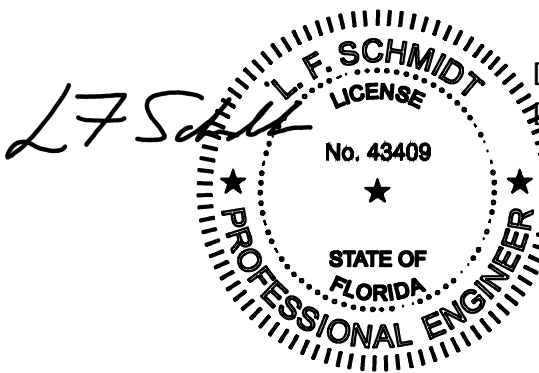




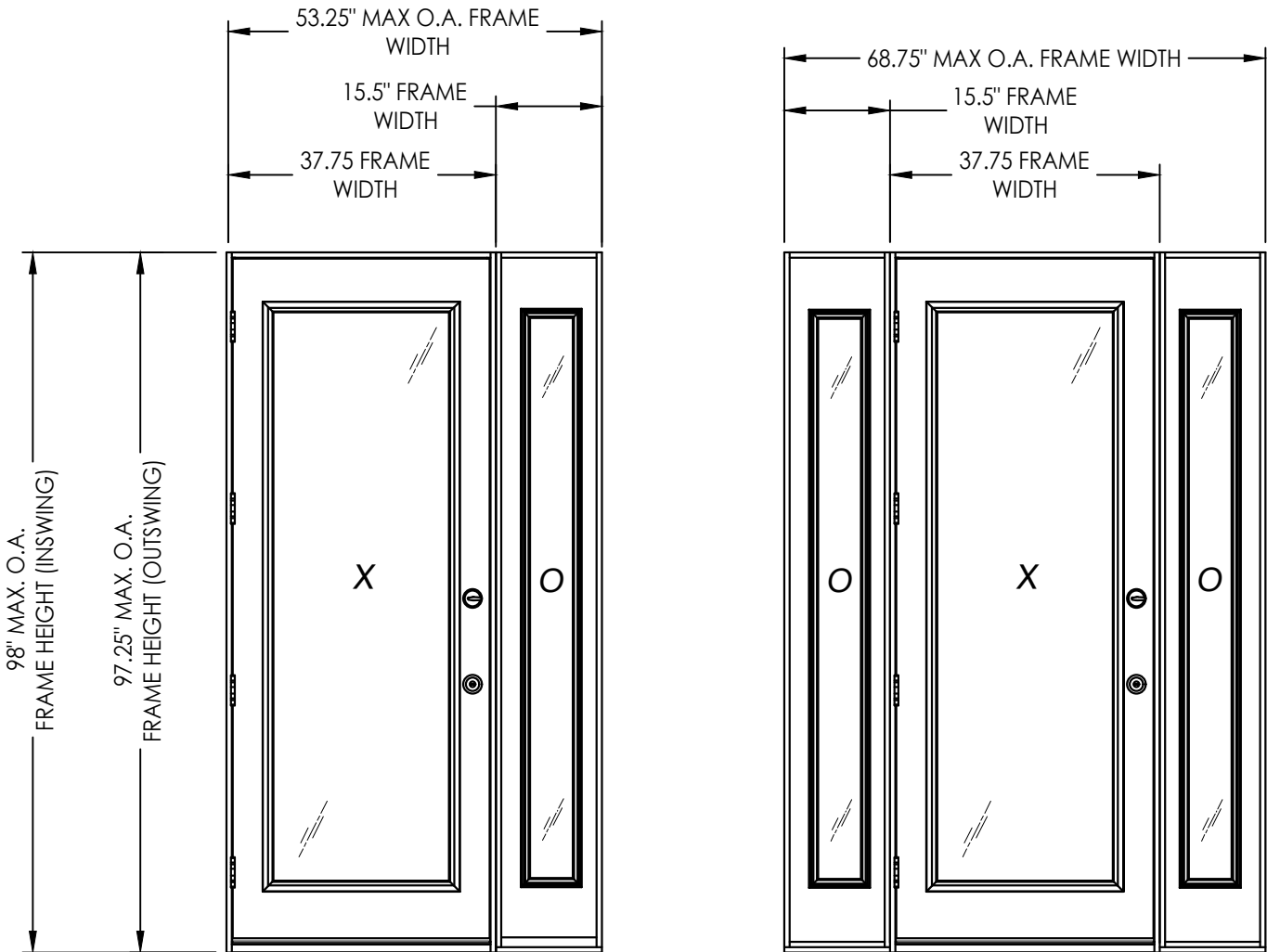
Digitally signed by Lyndon F Schmidt  
Date: 2023.08.21 09:16:00 -04'00'

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

COMPOSITE EDGE  
GLAZED FIBERGLASS SINGLE DOOR  
w/ SIDELITE(S)  
INSWING/OUTSWING  
"NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- Benchmark Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.



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| SHEET #           | DESCRIPTION                                          | SHEET # | DESCRIPTION                                              |
| 1                 | Typical Elevations, Design Pressures & General Notes | 9       | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 2                 | Door Panel Details                                   | 10      | Vertical Cross Sections (Thresholds)                     |
| 3                 | Door Panel Details                                   | 11      | Buck Anchoring                                           |
| 4                 | Door Panel Details                                   | 12      | Frame Anchoring                                          |
| 5                 | Sidelite Panel Details                               | 13      | Hardware Details                                         |
| 6                 | Elevations                                           | 14      | Glazing details                                          |
| 7                 | Horizontal & Vertical Cross Sections (2X Buck)       | 15      | Components                                               |
| 8                 | Horizontal & Vertical Cross Sections (1X Buck)       | 16      | Bill of Materials                                        |

| CONFIGURATION | LITE INSERT      | DESIGN PRESSURE (PSF)<br>INSWING |          | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|---------------|------------------|----------------------------------|----------|-----------------------------------|----------|
|               |                  | POSITIVE                         | NEGATIVE | POSITIVE                          | NEGATIVE |
| XO, OX, OXO   | Lip Lite         | +47.0                            | -47.0    | +47.0                             | -47.0    |
| XO, OX, OXO   | Flush Glazed     | +45.0                            | -45.0    | +45.0                             | -45.0    |
| XO, OX, OXO   | 3/4 Flush Glazed | +35.0                            | -35.0    | +35.0                             | -35.0    |

See Sheet 6 for Hardware Specifications

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

DATE: 03/07/20

SCALE: N.T.S.

DWG. BY: TJ

CHK. BY: LFS

DRAWING NO.: FL-21135.17

SHEET 1 OF 16

Part or Assembly:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

REVISIONS

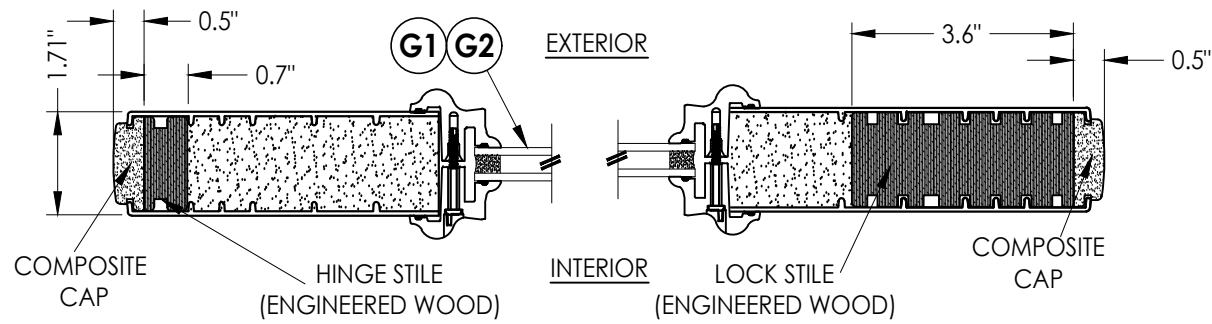
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1 7/16/20 UPDATE TO 7th ED (2020) FBC

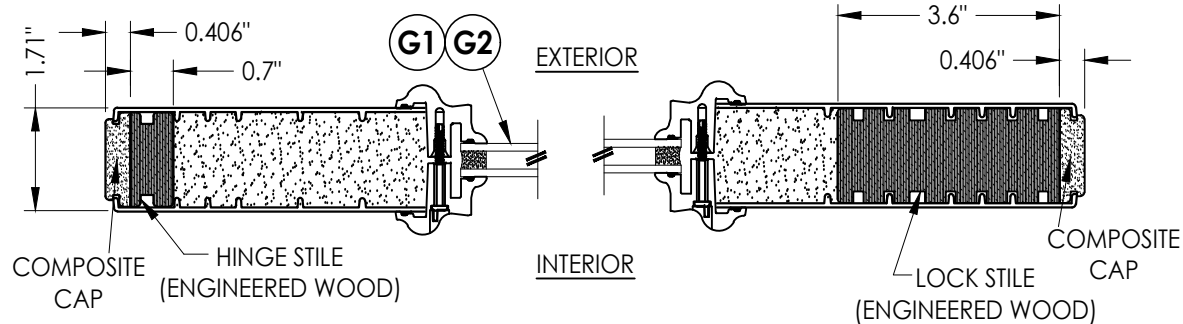
NO. DATE

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

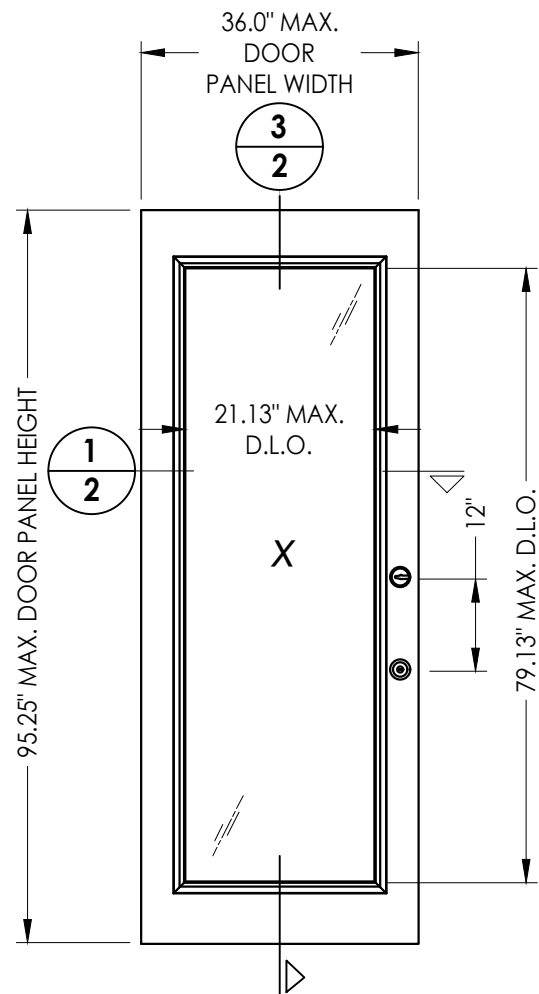
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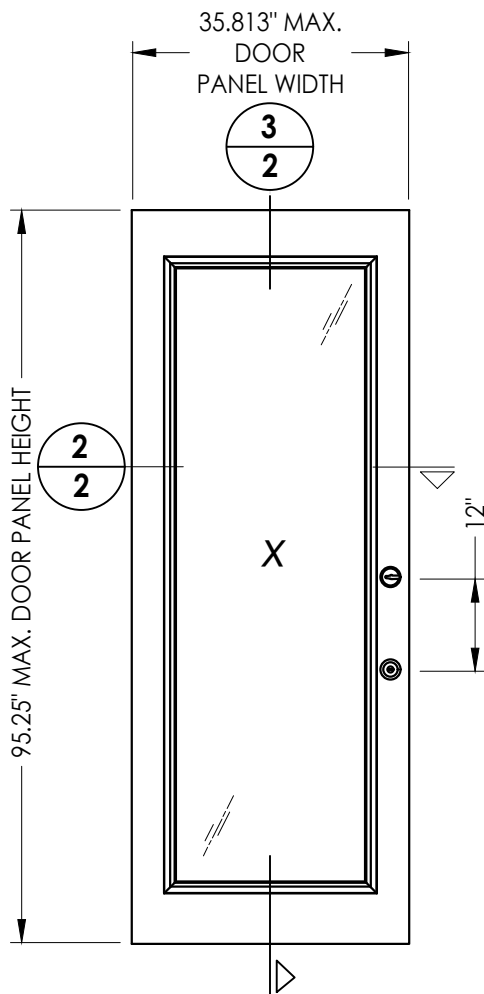
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2 **HORIZONTAL CROSS SECTION**



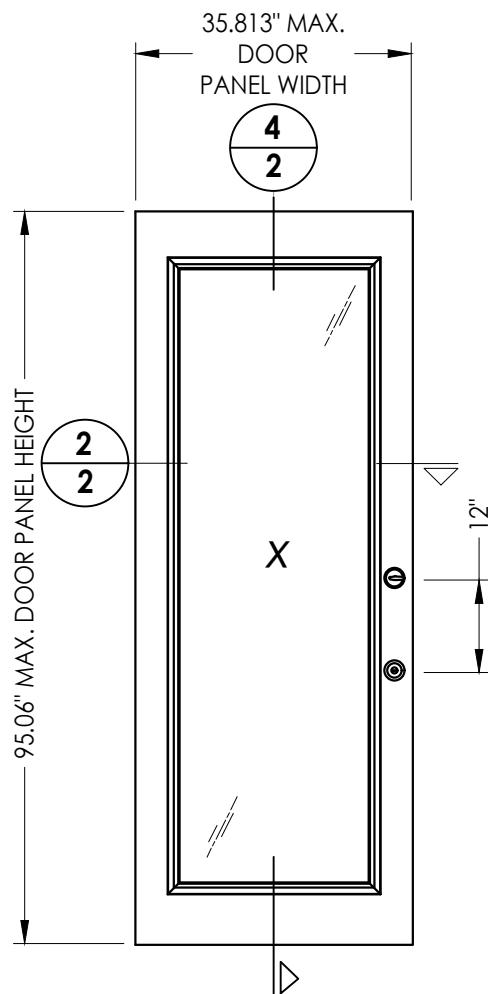
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2 **HORIZONTAL CROSS SECTION**



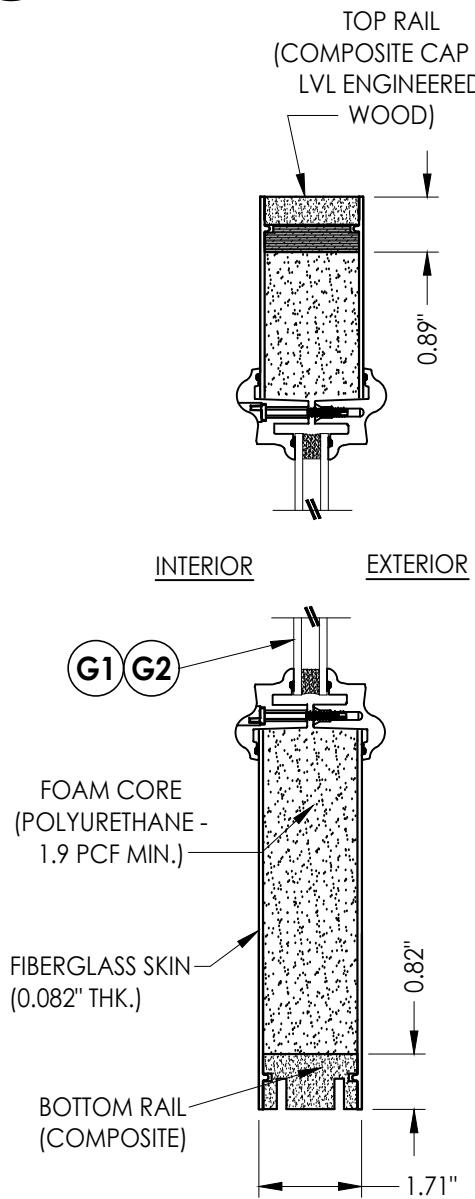
40 **DOOR PANEL**  
BOOK



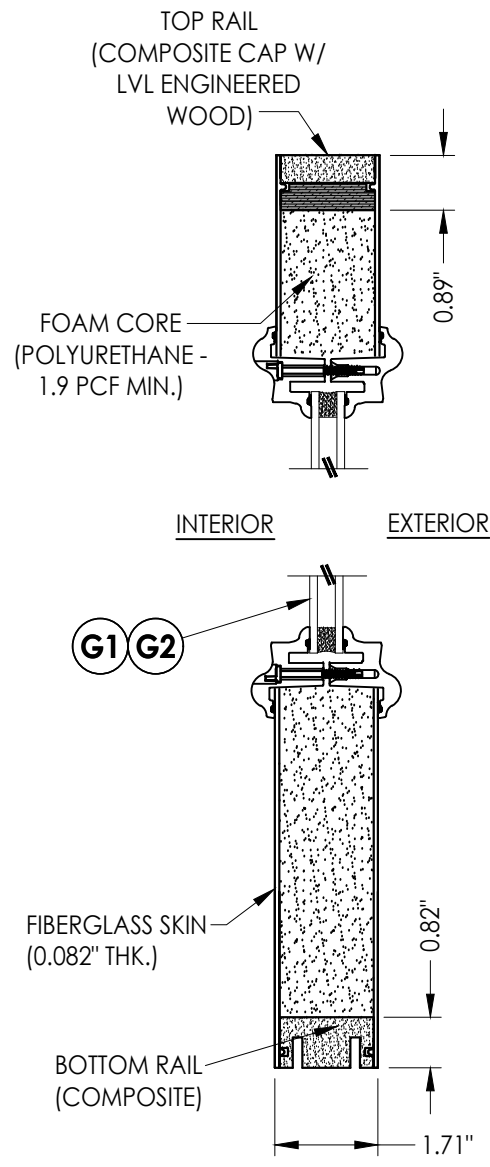
41 **DOOR PANEL**  
Hybrid Door



42 **DOOR PANEL**  
U1 Door



3  
2 **VERTICAL CROSS SECTION**



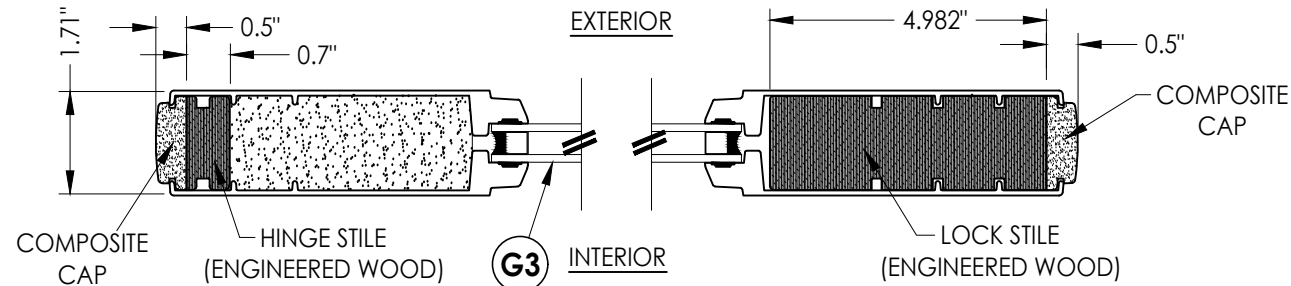
4  
2 **VERTICAL CROSS SECTION**

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

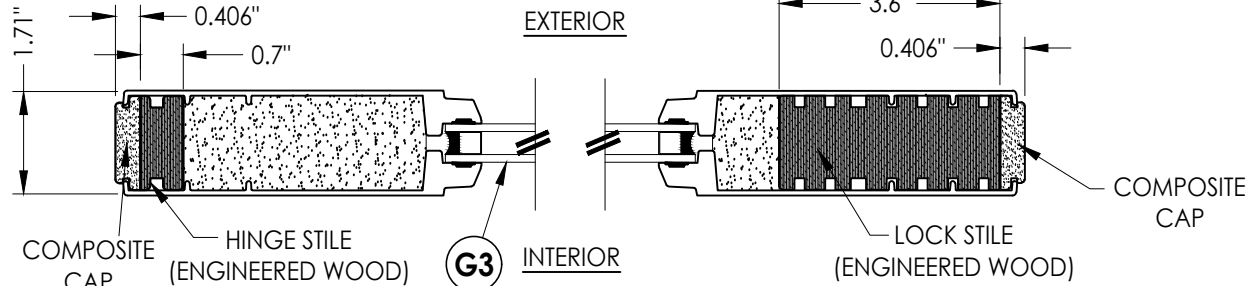
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| PRODUCT:                 |         | THERMA-TRU<br>FIBERGLASS DOOR |     |
|--------------------------|---------|-------------------------------|-----|
| PART OR ASSEMBLY:        |         | DOOR PANEL DETAILS            |     |
| NO.                      | DATE    | LFS                           | PO  |
|                          |         |                               |     |
| 2                        | 8/21/23 | UPDATE TO 8TH ED. (2023)      | FBC |
| 1                        | 7/16/20 | UPDATE TO 7th ED (2020)       | FBC |
| REVISIONS                |         |                               |     |
| DATE: 03/07/20           |         |                               |     |
| SCALE: N.T.S.            |         |                               |     |
| DWG. BY: TJ              |         |                               |     |
| CHK. BY: LFS             |         |                               |     |
| DRAWING NO.: FL-21135.17 |         |                               |     |
| SHEET 2 OF 16            |         |                               |     |

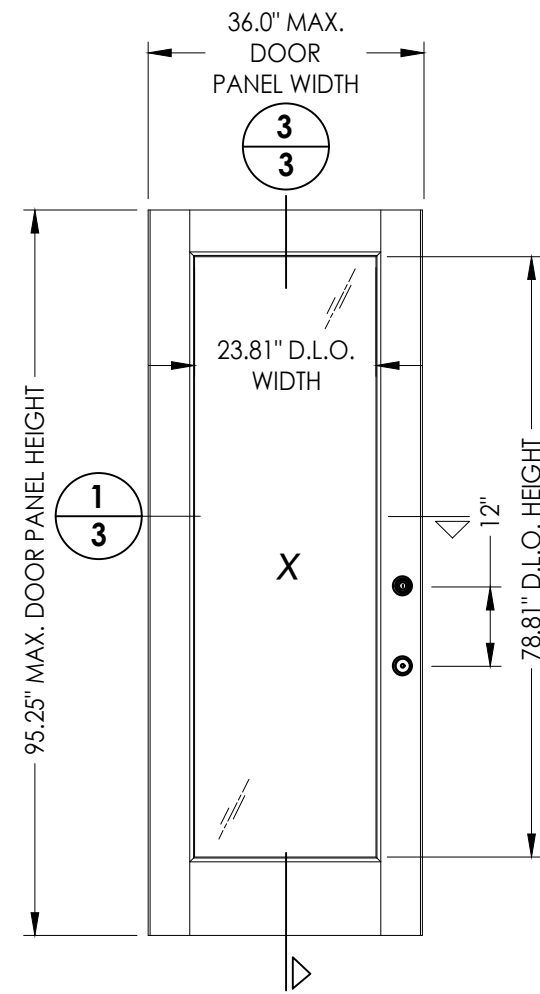
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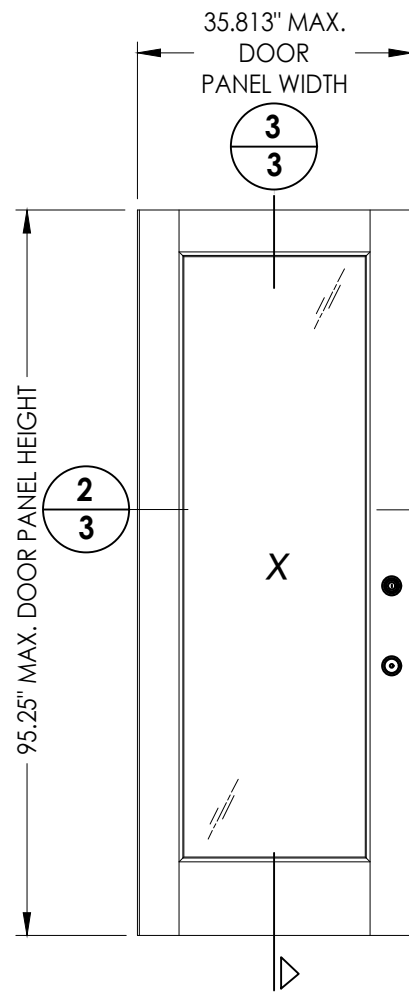
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3 HORIZONTAL CROSS SECTION



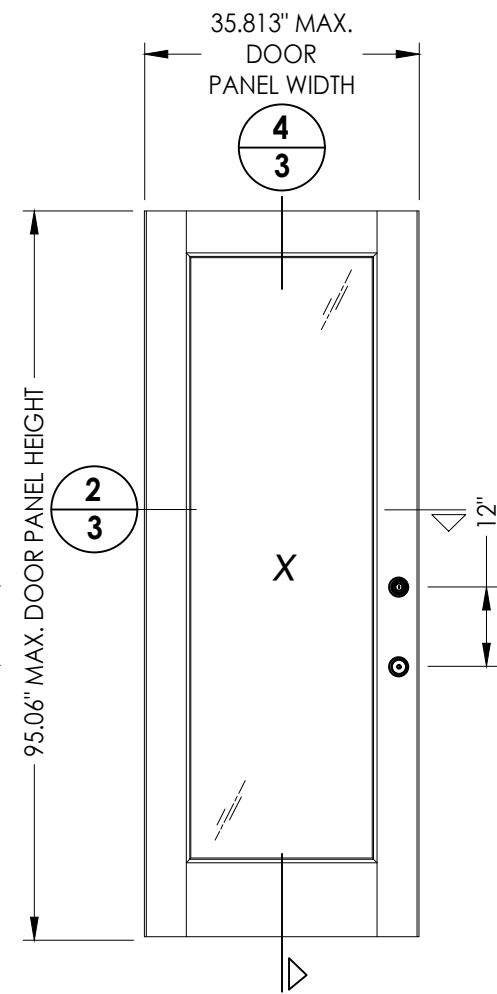
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3 HORIZONTAL CROSS SECTION



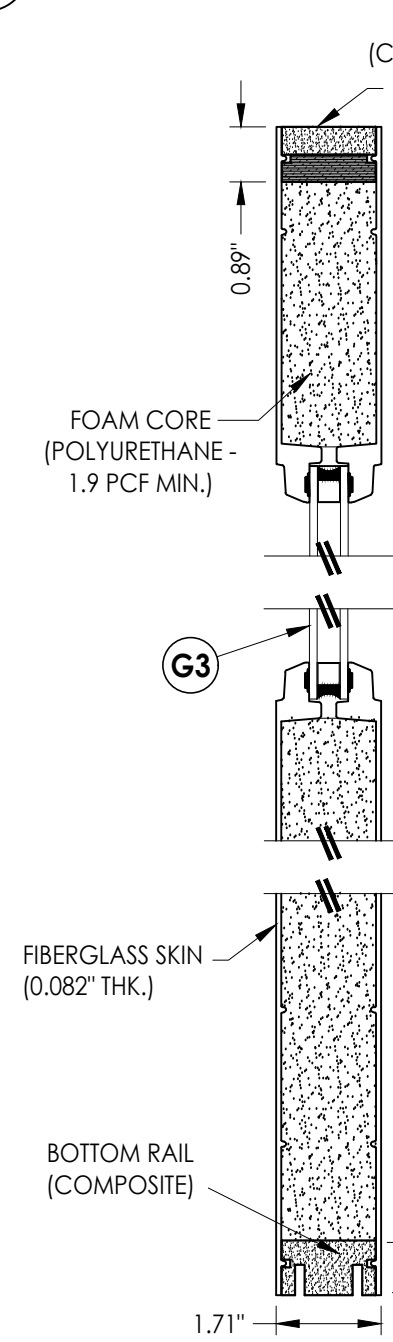
43 DOOR PANEL BOOK



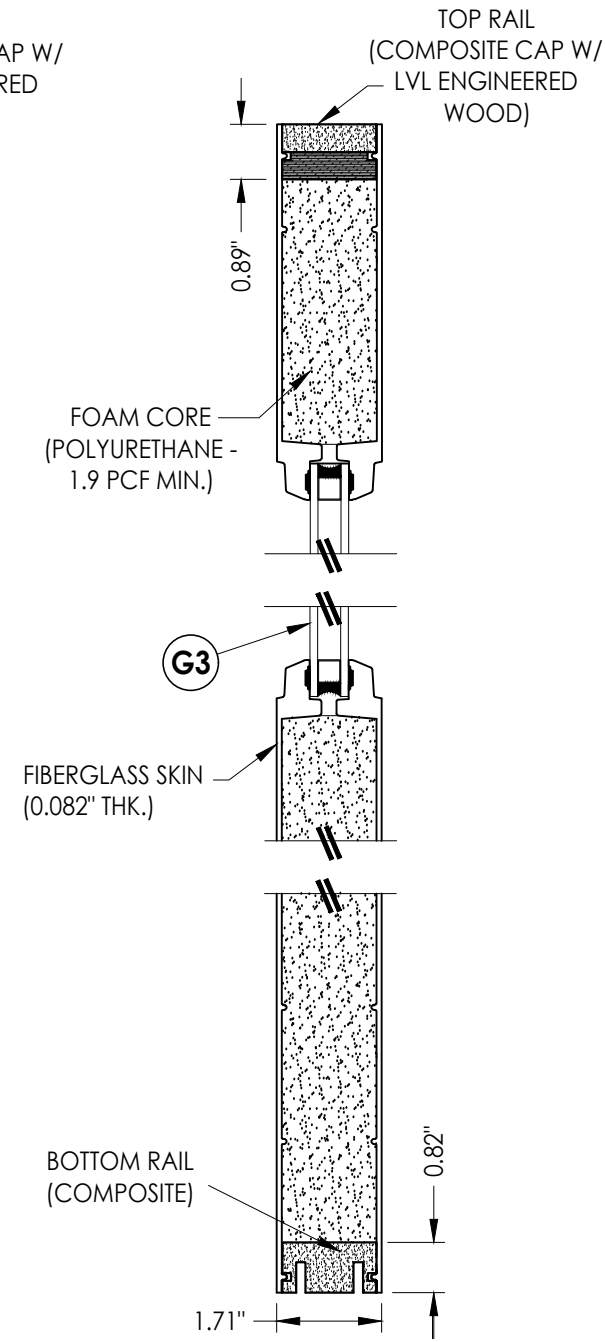
44 DOOR PANEL Hybrid Door



45 DOOR PANEL U1 Door



3  
3 VERTICAL CROSS SECTION



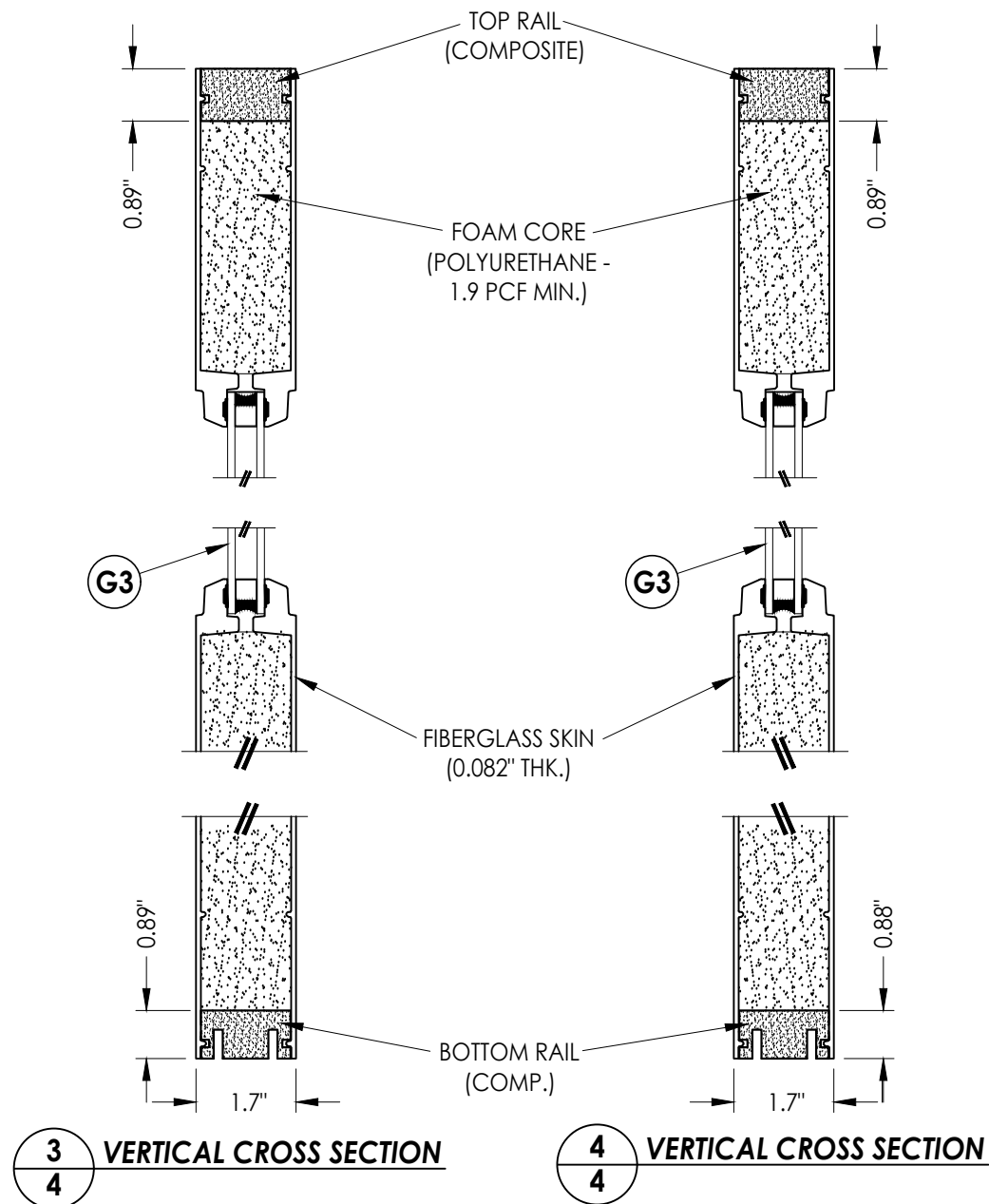
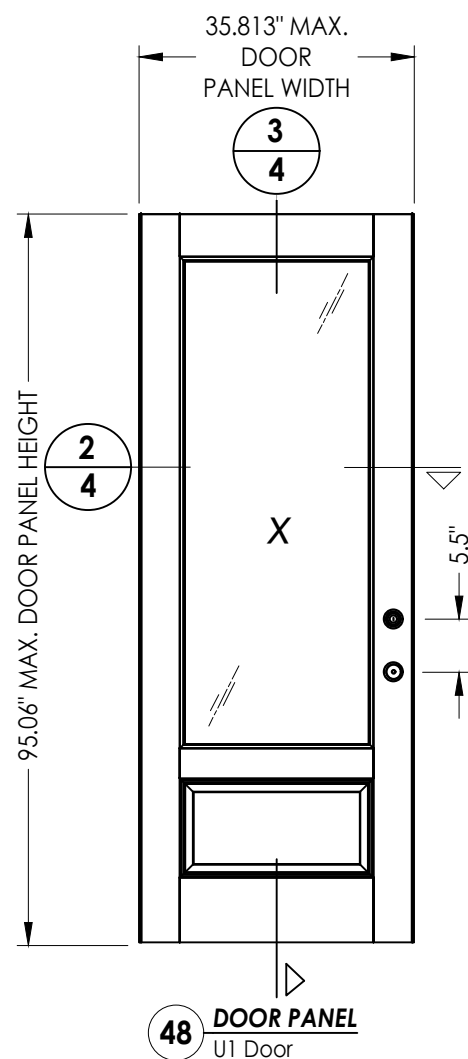
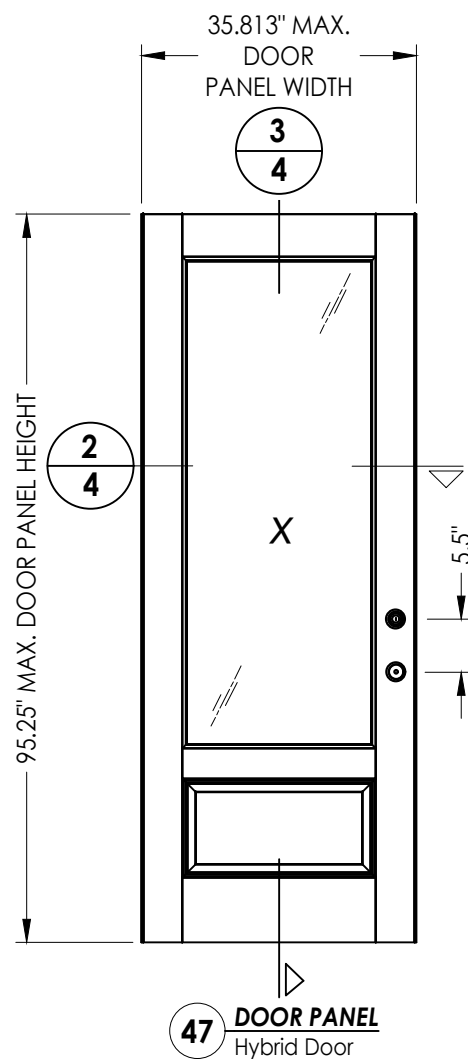
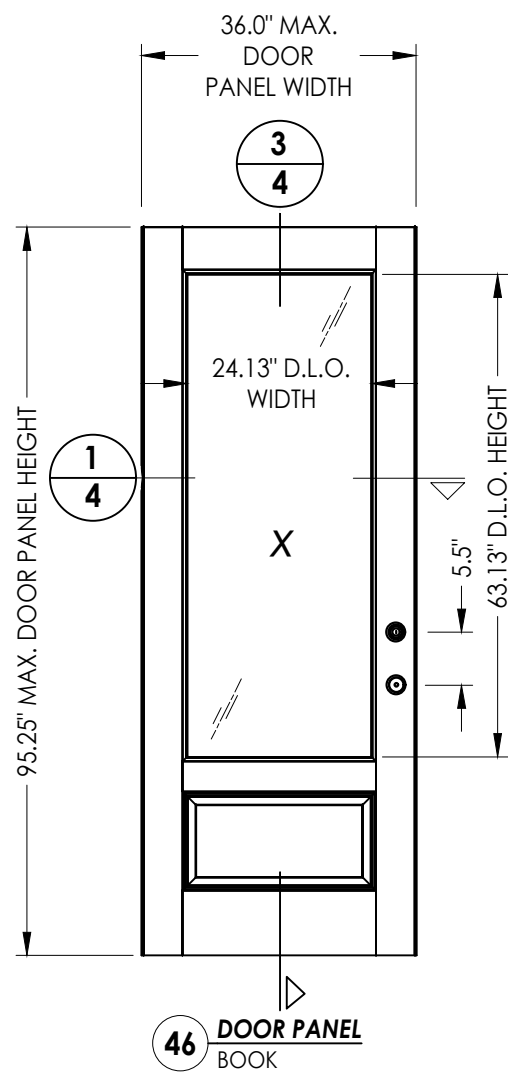
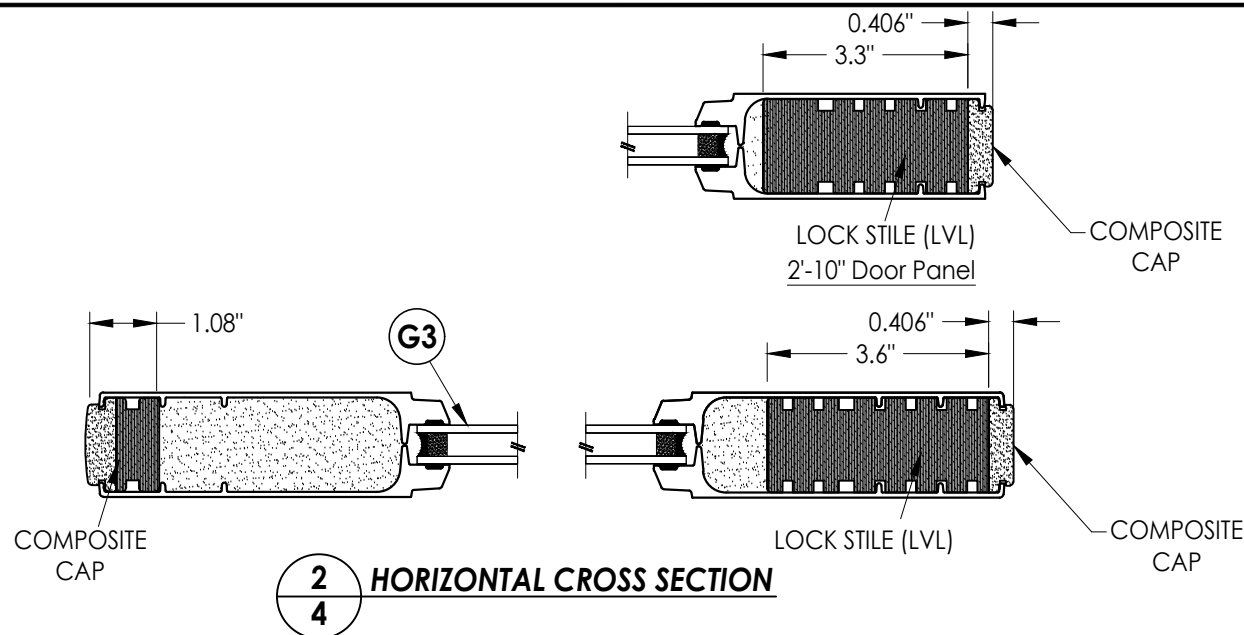
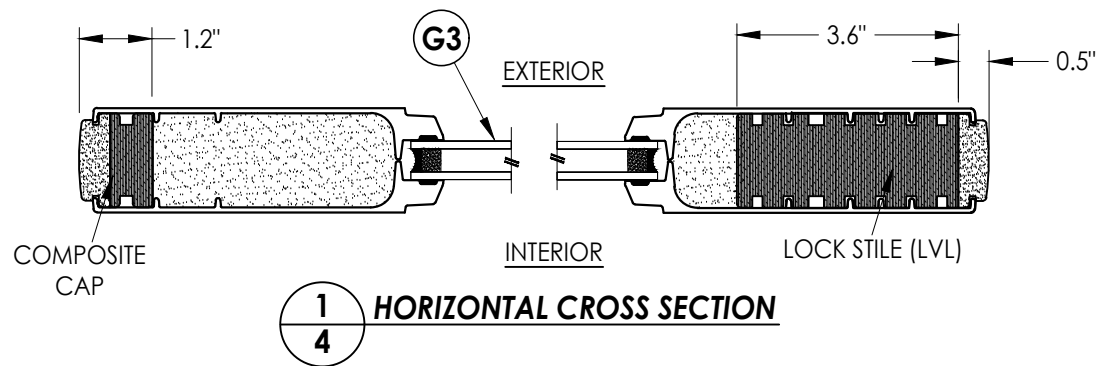
4  
3 VERTICAL CROSS SECTION

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

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

| PRODUCT:                 |         | THERMA-TRU FIBERGLASS DOOR |     |
|--------------------------|---------|----------------------------|-----|
| PART OR ASSEMBLY:        |         | DOOR PANEL DETAILS         |     |
| NO.                      | DATE    | LFS                        | PO  |
|                          |         |                            |     |
| 2                        | 8/21/23 | UPDATE TO 8TH ED. (2023)   | FBC |
| 1                        | 7/16/20 | UPDATE TO 7TH ED (2020)    | FBC |
| REVISIONS                |         |                            |     |
| DATE: 03/07/20           |         |                            |     |
| SCALE: N.T.S.            |         |                            |     |
| DWG. BY: TJ              |         |                            |     |
| CHK. BY: LFS             |         |                            |     |
| DRAWING NO.: FL-21135.17 |         |                            |     |
| SHEET 3 OF 16            |         |                            |     |

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

PRODUCT:  
THERMA-TRU  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

| NO. | DATE    | REVISIONS                |     |     |
|-----|---------|--------------------------|-----|-----|
|     |         | BY                       | PO  | LFS |
| 2   | 8/21/23 | UPDATE TO 8TH ED. (2023) | FBC |     |
| 1   | 7/16/20 | UPDATE TO 7th ED (2020)  | FBC |     |

DATE: 03/07/20

SCALE: N.T.S.

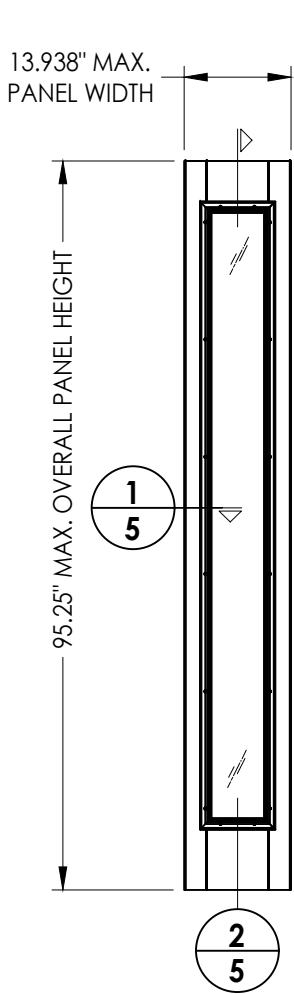
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CHK. BY: LFS

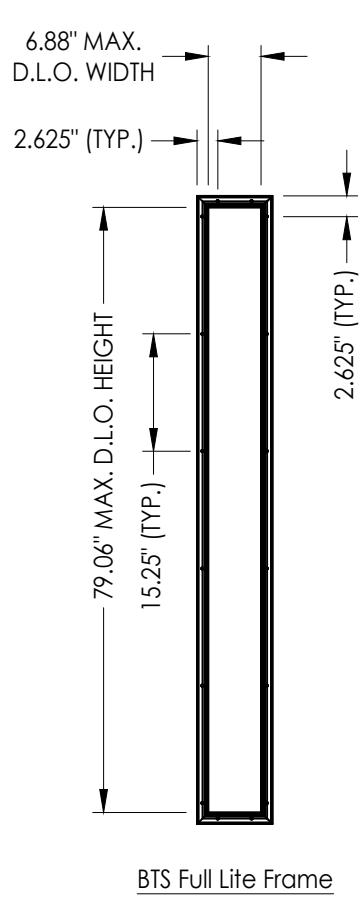
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SHEET 4 of 16

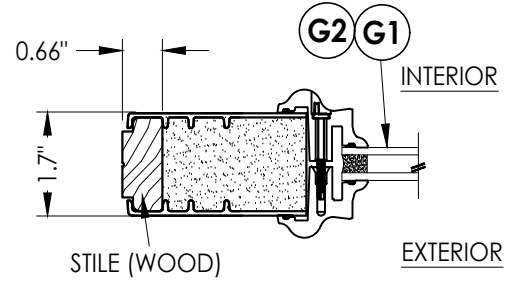
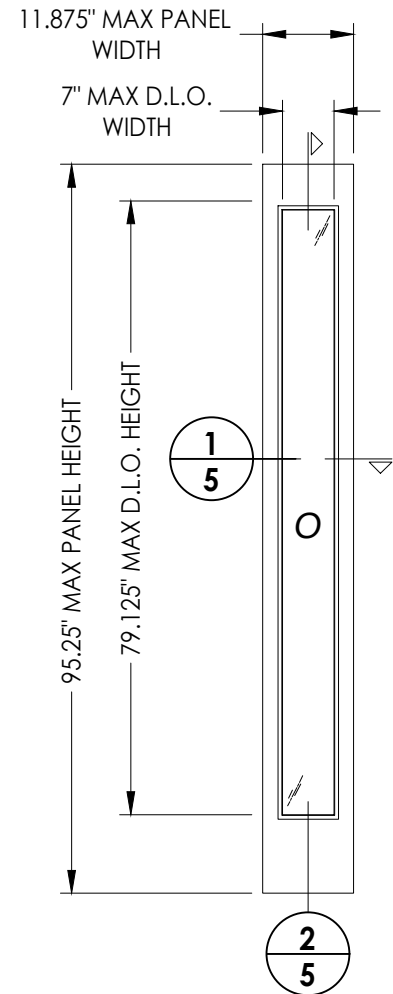
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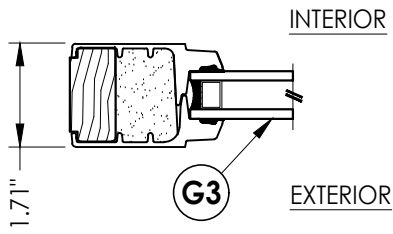
50 SIDELITE PANEL  
FULL LITE  
LIP LITE



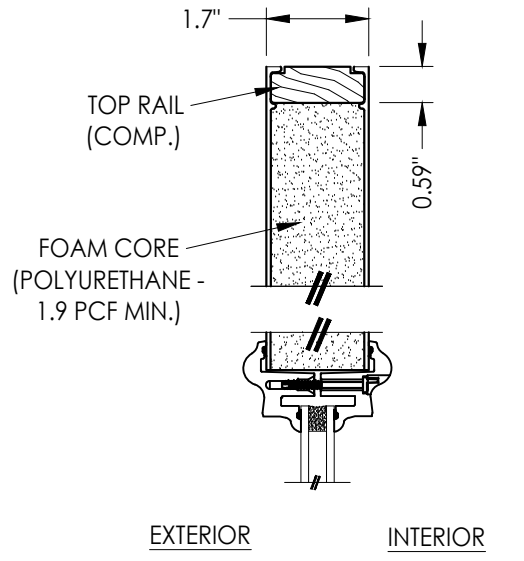
60 SIDELITE PANEL  
FULL LITE  
FLUSH GLAZED



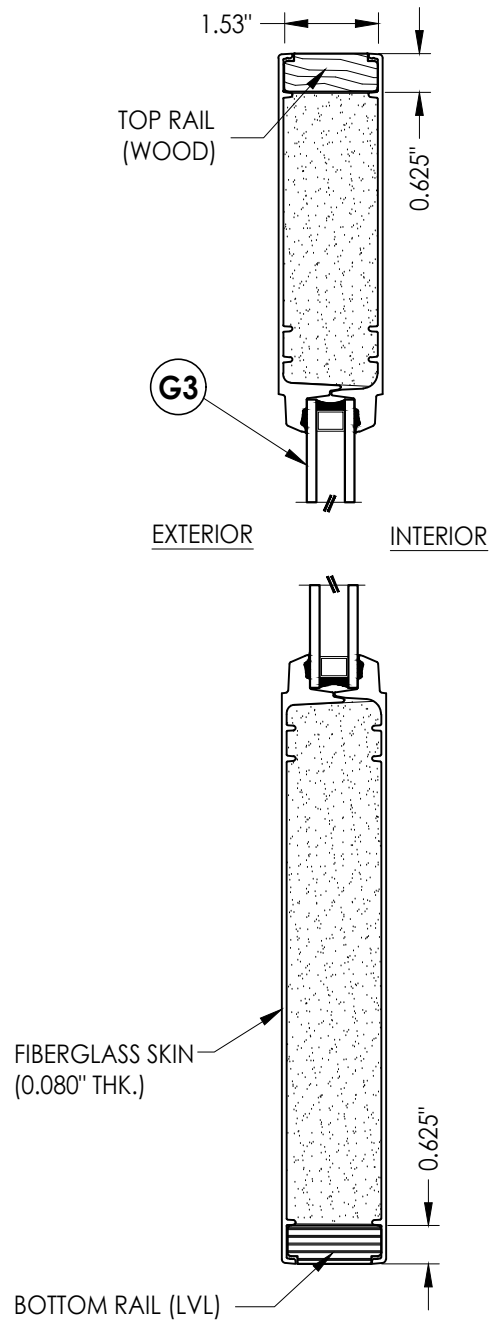
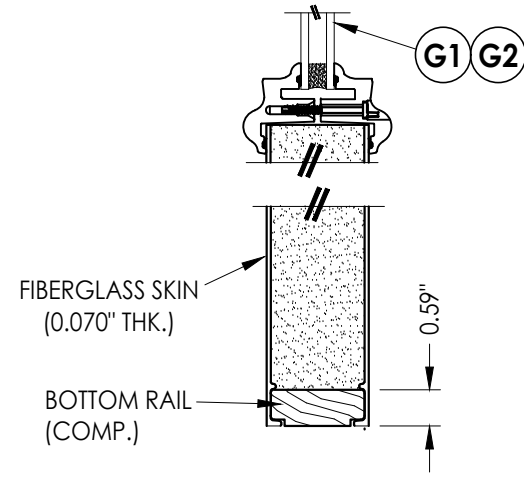
1 HORIZONTAL CROSS SECTION  
5 Lip Lite Glazing



3 HORIZONTAL CROSS SECTION  
5 Flush Glazed



2 VERTICAL CROSS SECTION  
5 Lip Lite Glazing



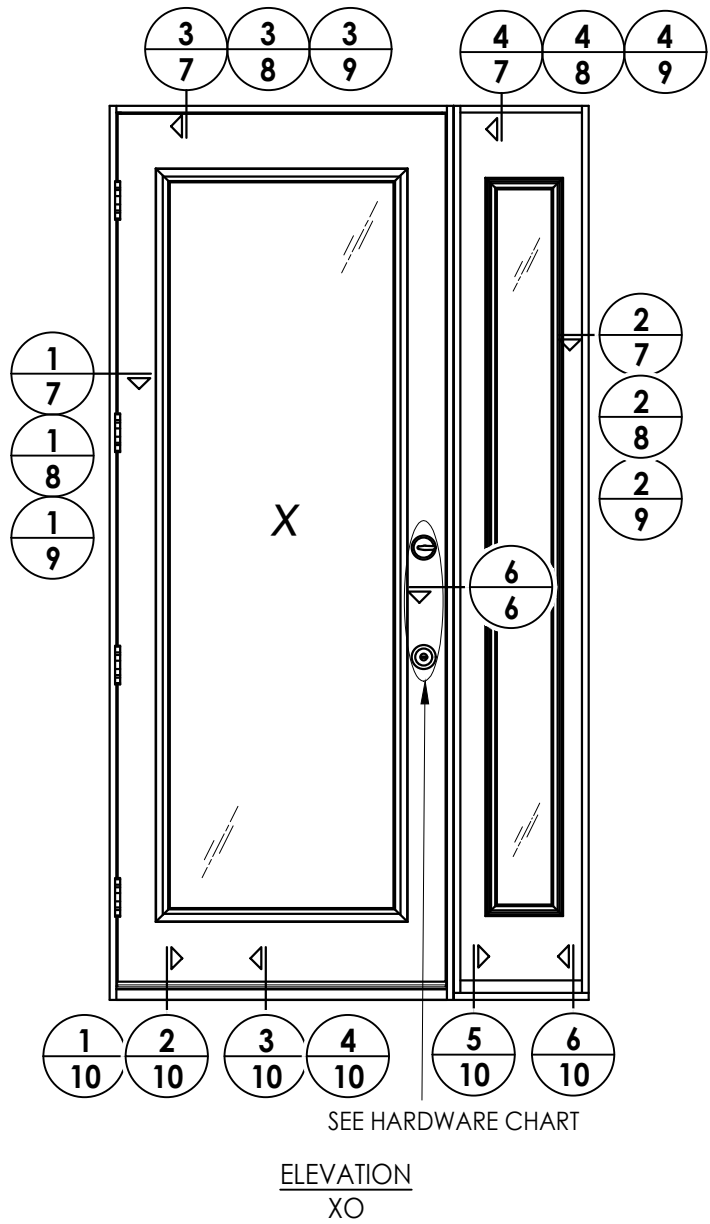
4 VERTICAL CROSS SECTION  
5 Flush Glazed

| PRODUCT: THERMA-TRU FIBERGLASS DOOR      |         |           |                              |
|------------------------------------------|---------|-----------|------------------------------|
| PART OR ASSEMBLY: SIDELITE PANEL DETAILS |         |           |                              |
| NO.                                      | DATE    | REVISIONS |                              |
|                                          |         | BY        |                              |
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| 1                                        | 7/16/20 | PO        | UPDATE TO 7th ED (2020) FBC  |

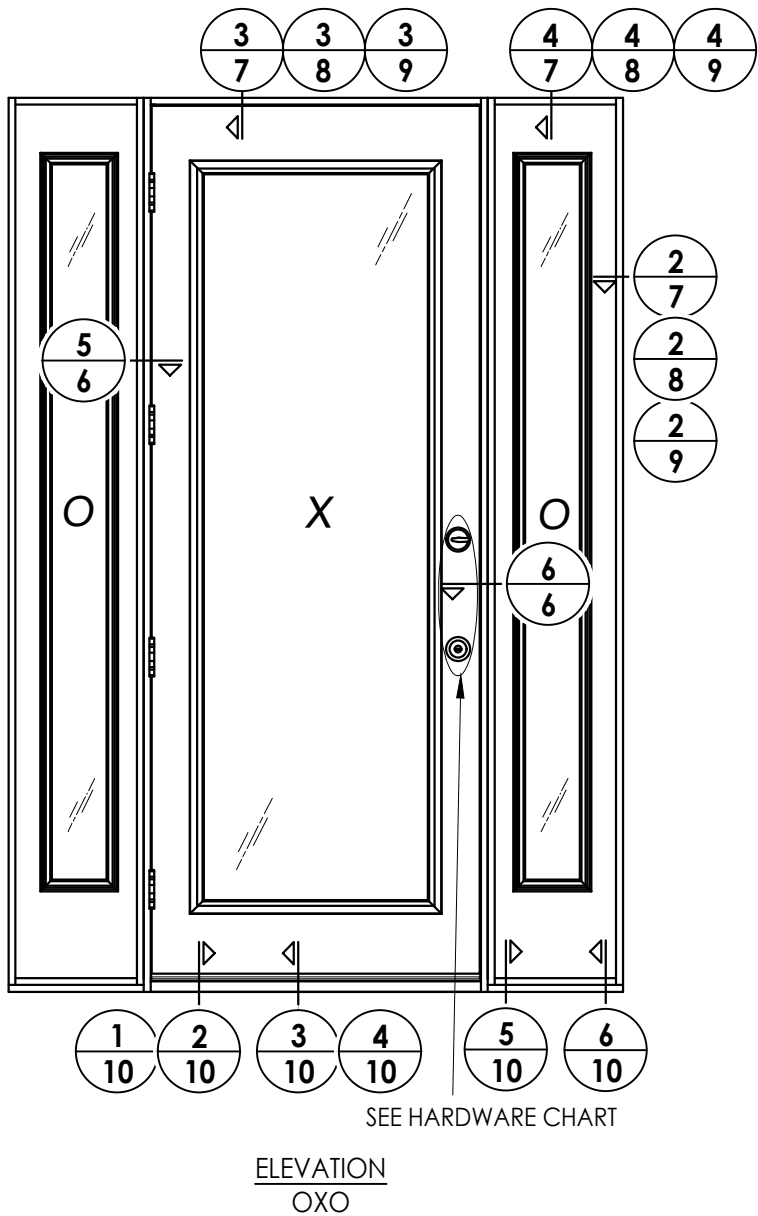
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|--------------------------|
| DATE: 03/07/20           |
| SCALE: N.T.S.            |
| DWG. BY: TJ              |
| CHK. BY: LFS             |
| DRAWING NO.: FL-21135.17 |
| SHEET 5 OF 16            |

Documents Prepared By:  
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BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

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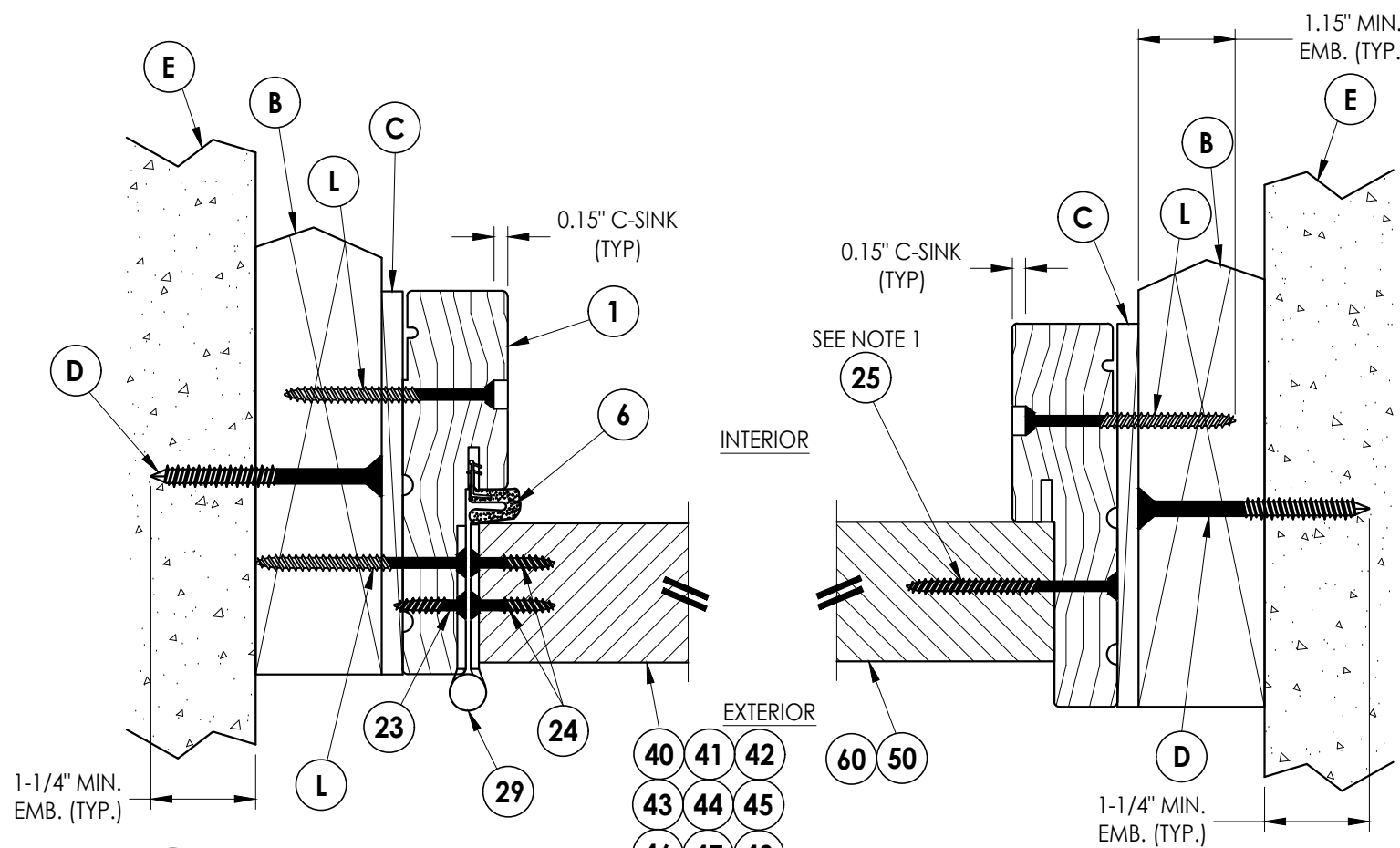
| HARDWARE TABLE |           |                        |
|----------------|-----------|------------------------|
| MANUFACTURER   | MODEL     |                        |
| SCHLAGE        | Knob:     | F51                    |
|                | Deadbolt: | B60                    |
| KWIKSET        | Knob: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



**Benchmark 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.

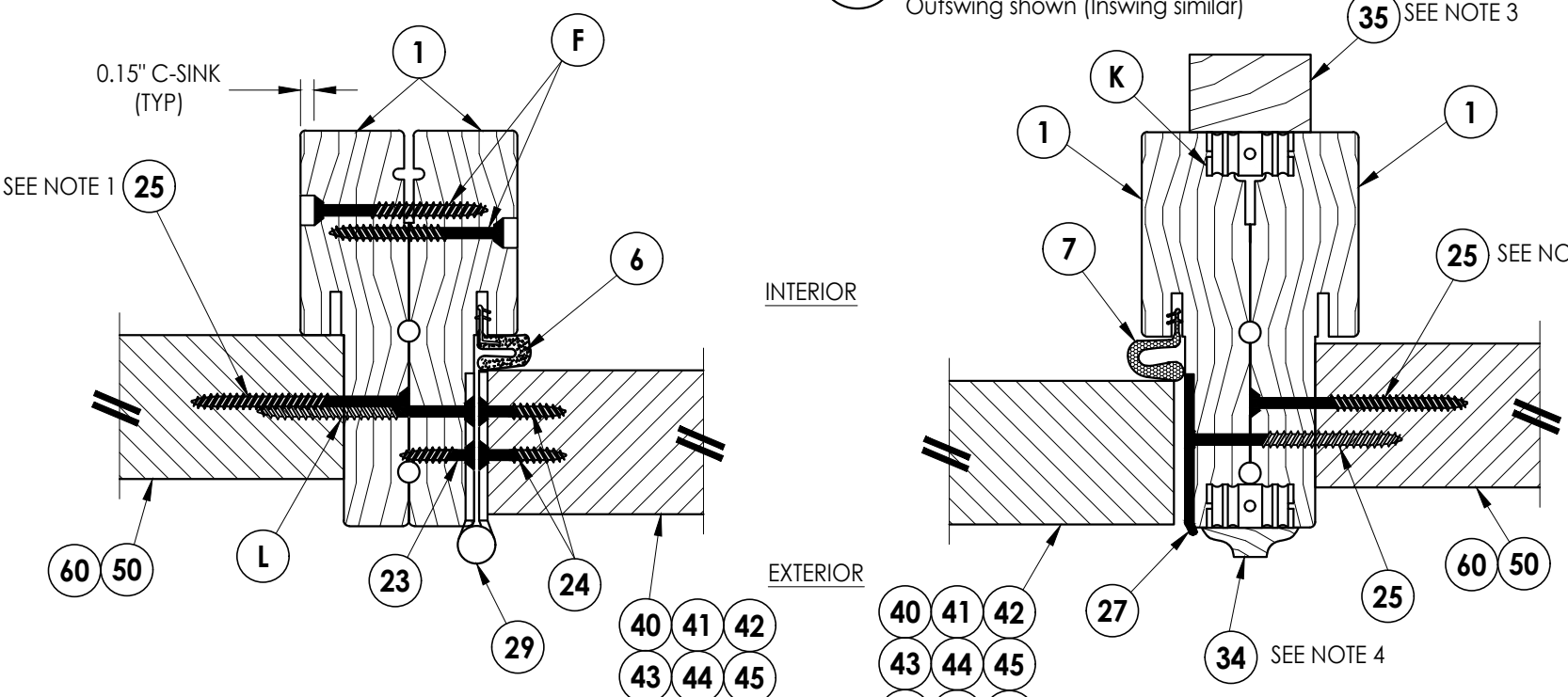
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|---------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------|--------------------------|
| Documents Prepared By:<br>Lyndon 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>THERMA-TRU<br>FIBERGLASS DOOR                     |     | PART OR ASSEMBLY:<br>ELEVATIONS                                                                                    |                          |
|                                                               |     | LFS                                                                                                                |                          |
|                                                               |     | FBC                                                                                                                |                          |
|                                                               | 2   | 8/21/23                                                                                                            | UPDATE TO 8TH ED. (2023) |
|                                                               | 1   | 7/16/20                                                                                                            | UPDATE TO 7th ED (2020)  |
|                                                               | NO. | DATE                                                                                                               |                          |
| REVISIONS                                                     |     |                                                                                                                    |                          |
| DATE: 03/07/20                                                |     |                                                                                                                    |                          |
| SCALE: N.T.S.                                                 |     |                                                                                                                    |                          |
| DWG. BY: TJ                                                   |     |                                                                                                                    |                          |
| CHK. BY: LFS                                                  |     |                                                                                                                    |                          |
| DRAWING NO.: FL-21135.17                                      |     |                                                                                                                    |                          |
| SHEET 6 OF 16                                                 |     |                                                                                                                    |                          |

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

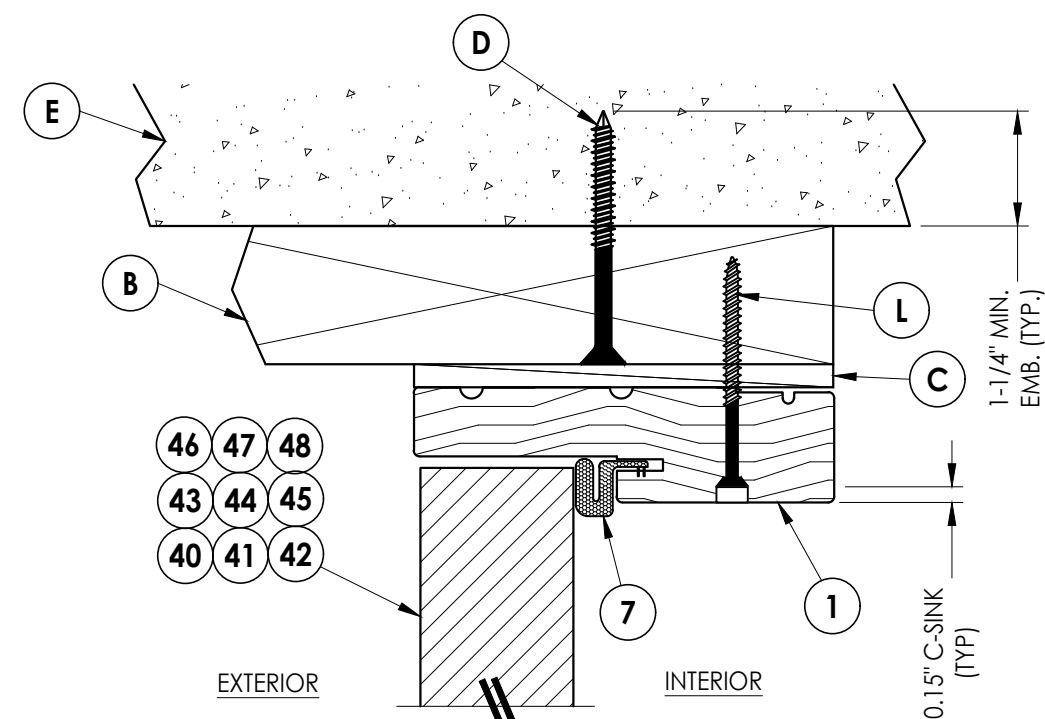
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**7** **HORIZONTAL CROSS SECTION**  
Shown w/ 2X Buck  
Outswing shown (Inswing similar)



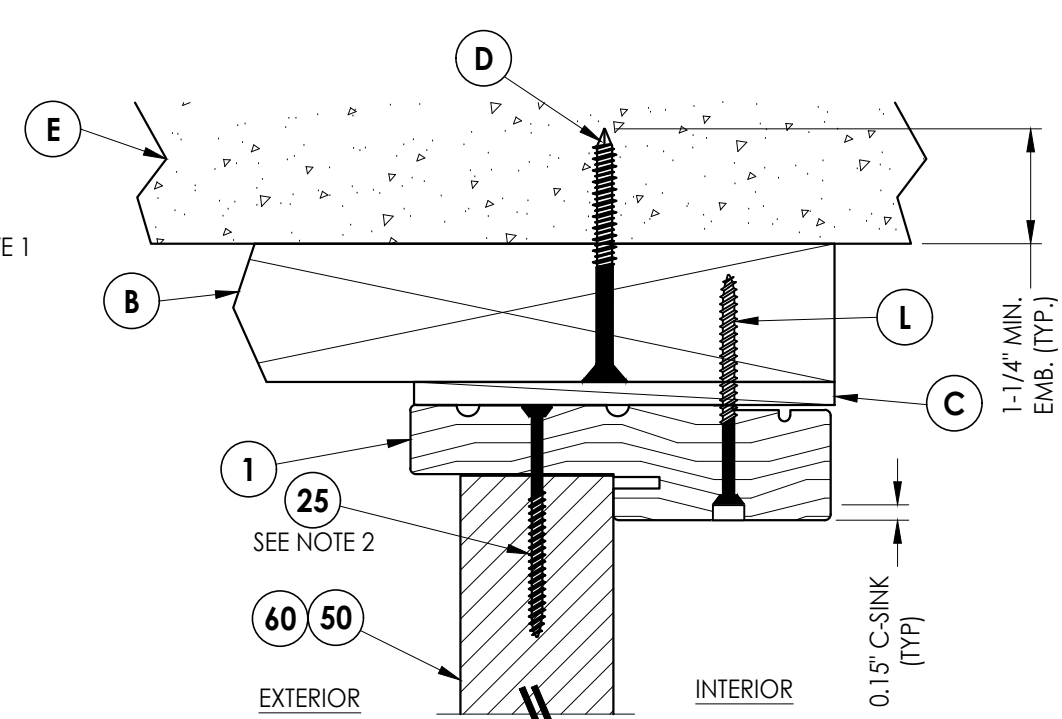
**5**  
**7** **HORIZONTAL CROSS SECTION**  
Outswing shown (Inswing similar)

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

- Notes:
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
  2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).
  3. Attach exterior casing optional w/ 2-2" Brad nails 16" O.C.
  4. Attach interior casing optional w/ 2-1" Brad nails 16" O.C.



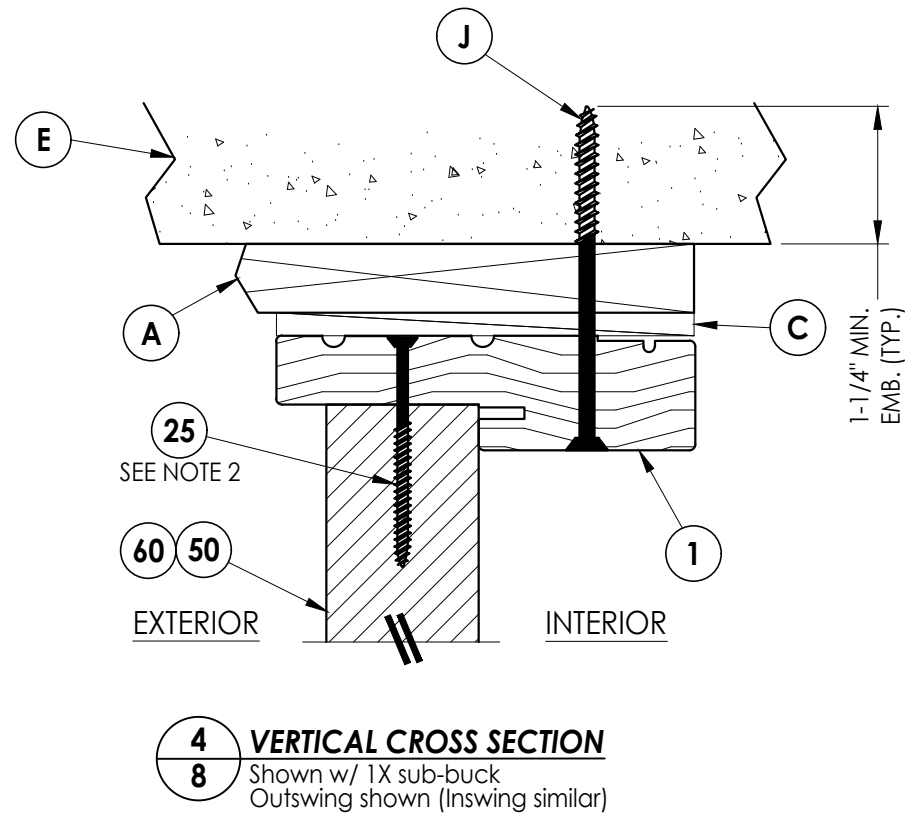
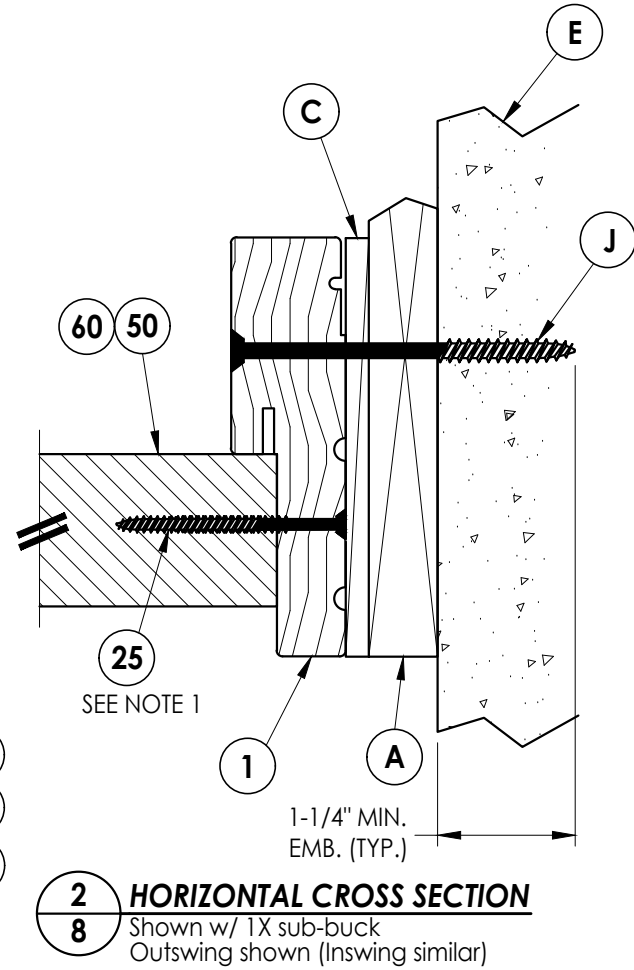
**3**  
**7** **VERTICAL CROSS SECTION**  
Shown w/ 2X Buck  
Outswing shown (Inswing similar)

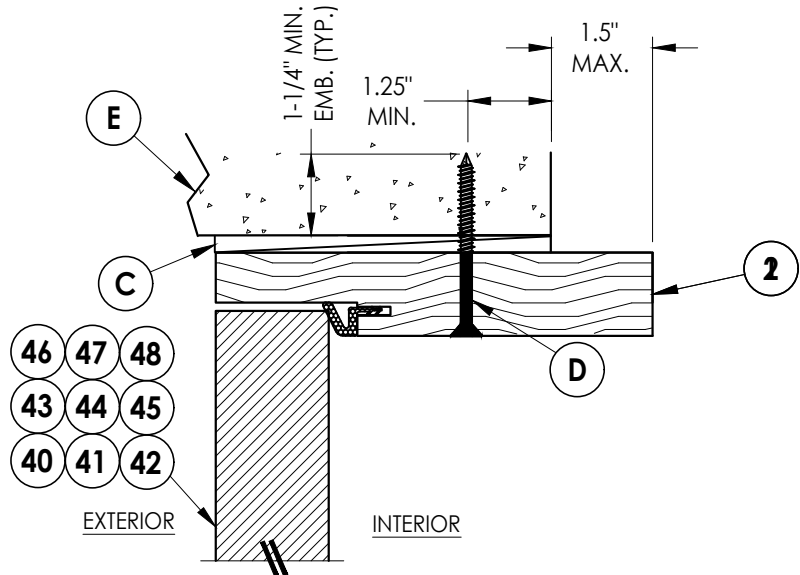


**4**  
**7** **VERTICAL CROSS SECTION**  
Shown w/ 2X Buck  
Outswing shown (Inswing similar)

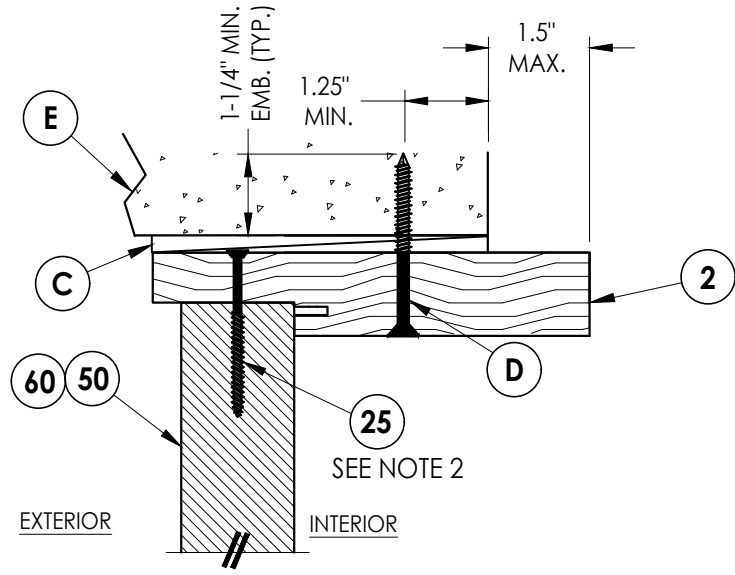
|                                                               |  |                                                                                                                    |    |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|----|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |    |
| PRODUCT:<br>THERMA-TRU<br>FIBERGLASS DOOR                     |  | PART OR ASSEMBLY:<br>HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X BUCK)                                             |    |
|                                                               |  | LFS                                                                                                                | PO |
|                                                               |  | UPDATE TO 8TH ED. (2023) FBC                                                                                       | BY |
|                                                               |  | UPDATE TO 7th ED (2020) FBC                                                                                        |    |
|                                                               |  | NO. DATE                                                                                                           |    |
| REVISIONS                                                     |  |                                                                                                                    |    |
| DATE: 03/07/20                                                |  |                                                                                                                    |    |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |    |
| DWG. BY: TJ                                                   |  |                                                                                                                    |    |
| CHK. BY: LFS                                                  |  |                                                                                                                    |    |
| DRAWING NO.: FL-21135.17                                      |  |                                                                                                                    |    |
| SHEET 7 OF 16                                                 |  |                                                                                                                    |    |

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).

[illegible]

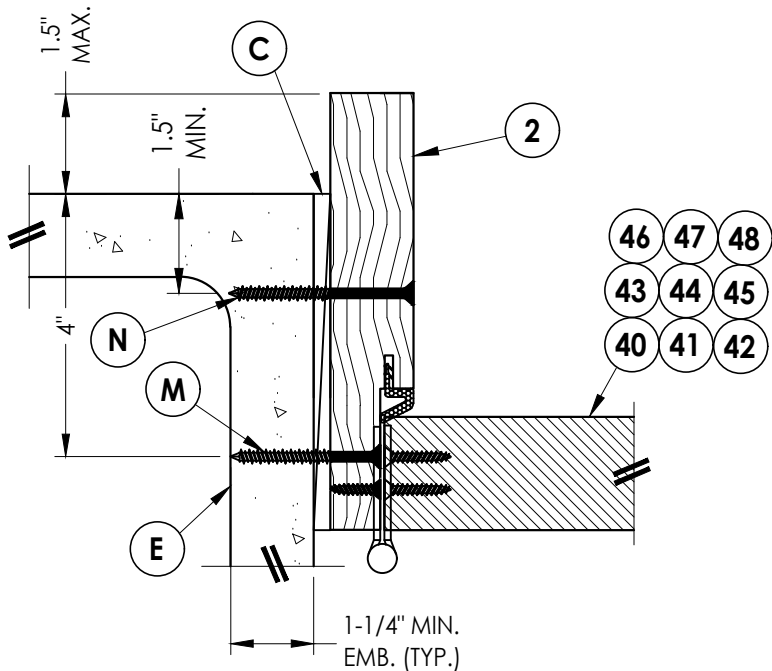


**3**  
**9** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

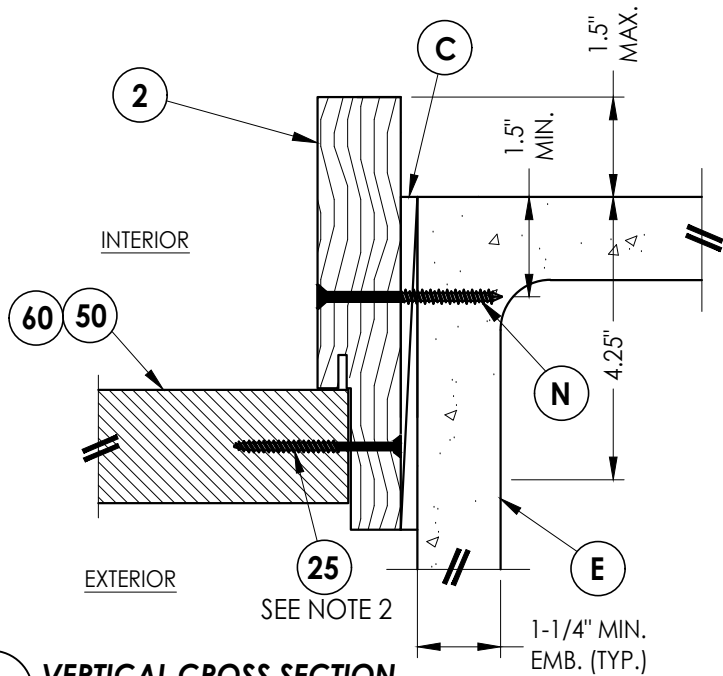


**6**  
**9** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

- Notes:
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
  2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



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



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

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

RW

PRODUCT: THERMA-TRU  
FIBERGLASS DOOR

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

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 2   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC |
| 1   | 7/16/20 | UPDATE TO 7th ED (2020) FBC  |

DATE: 03/07/20

SCALE: N.T.S.

DWG. BY: TJ

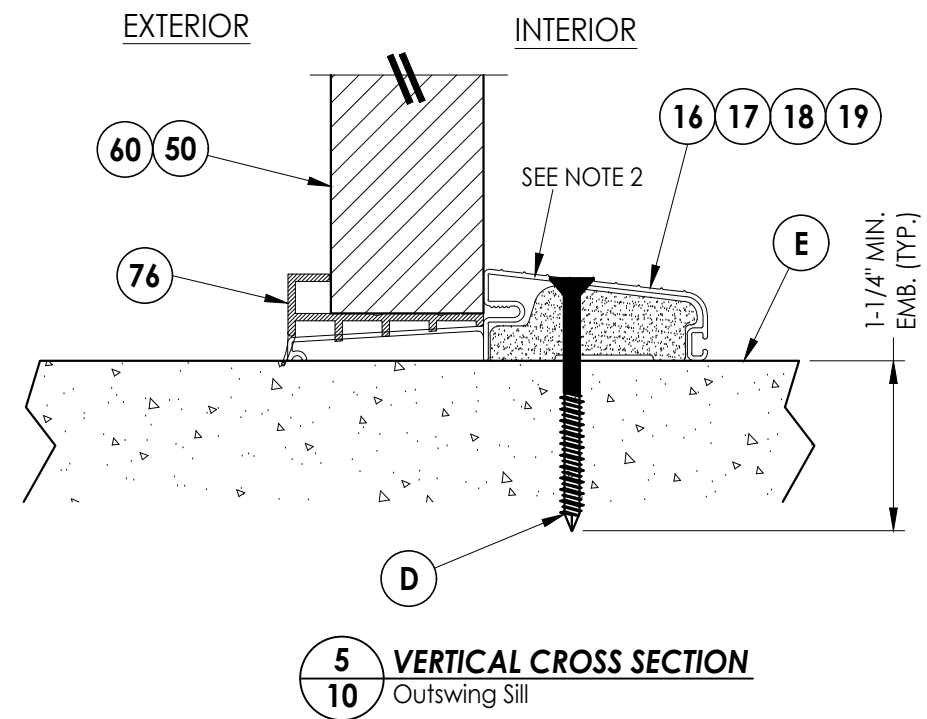
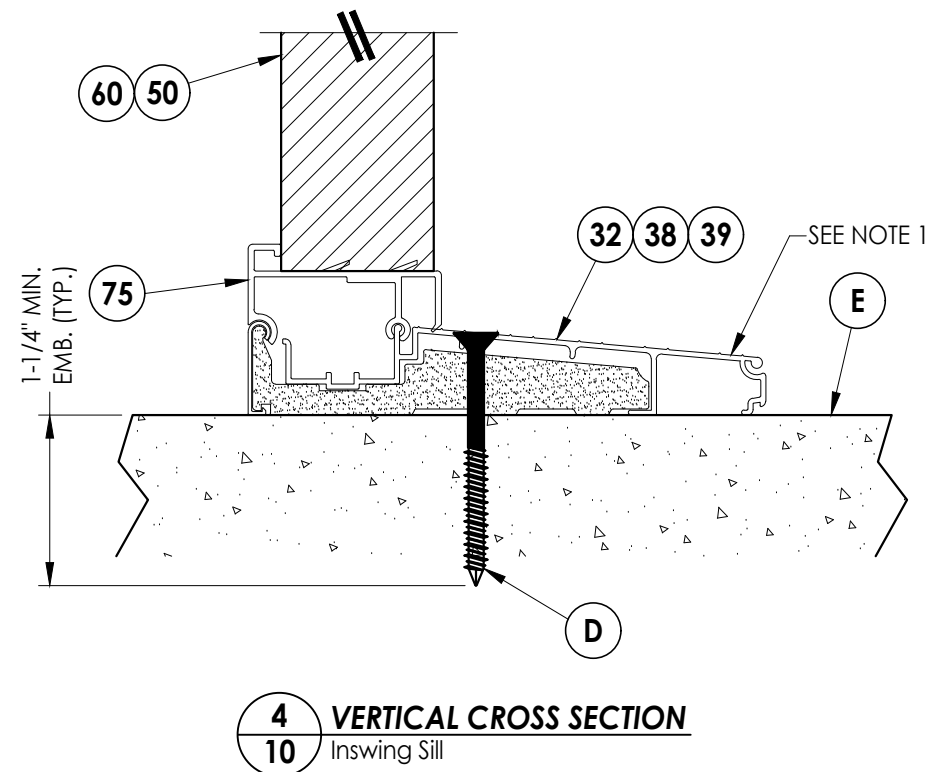
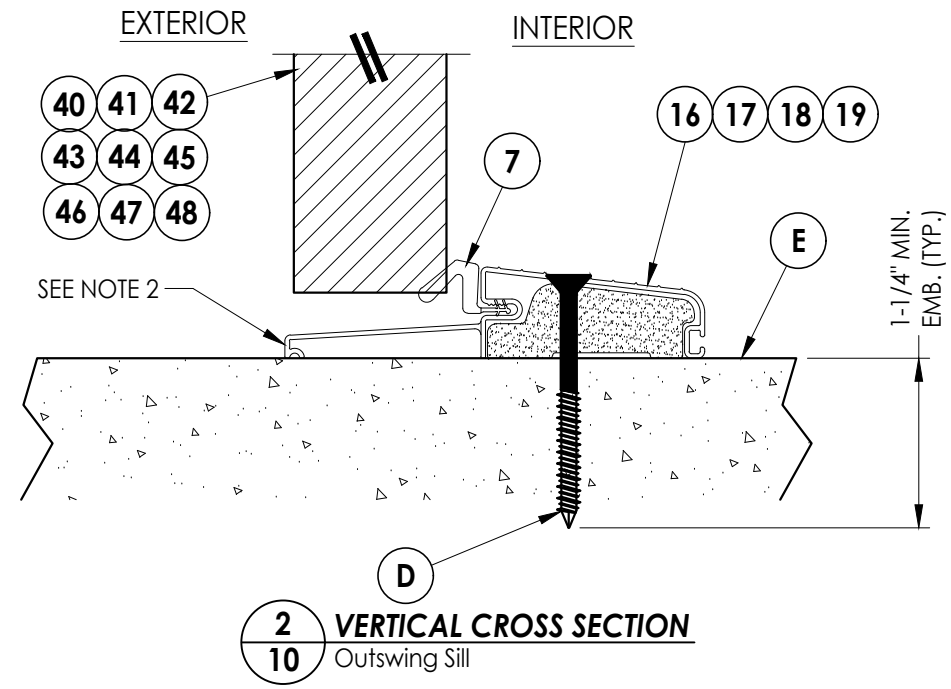
CHK. BY: LFS

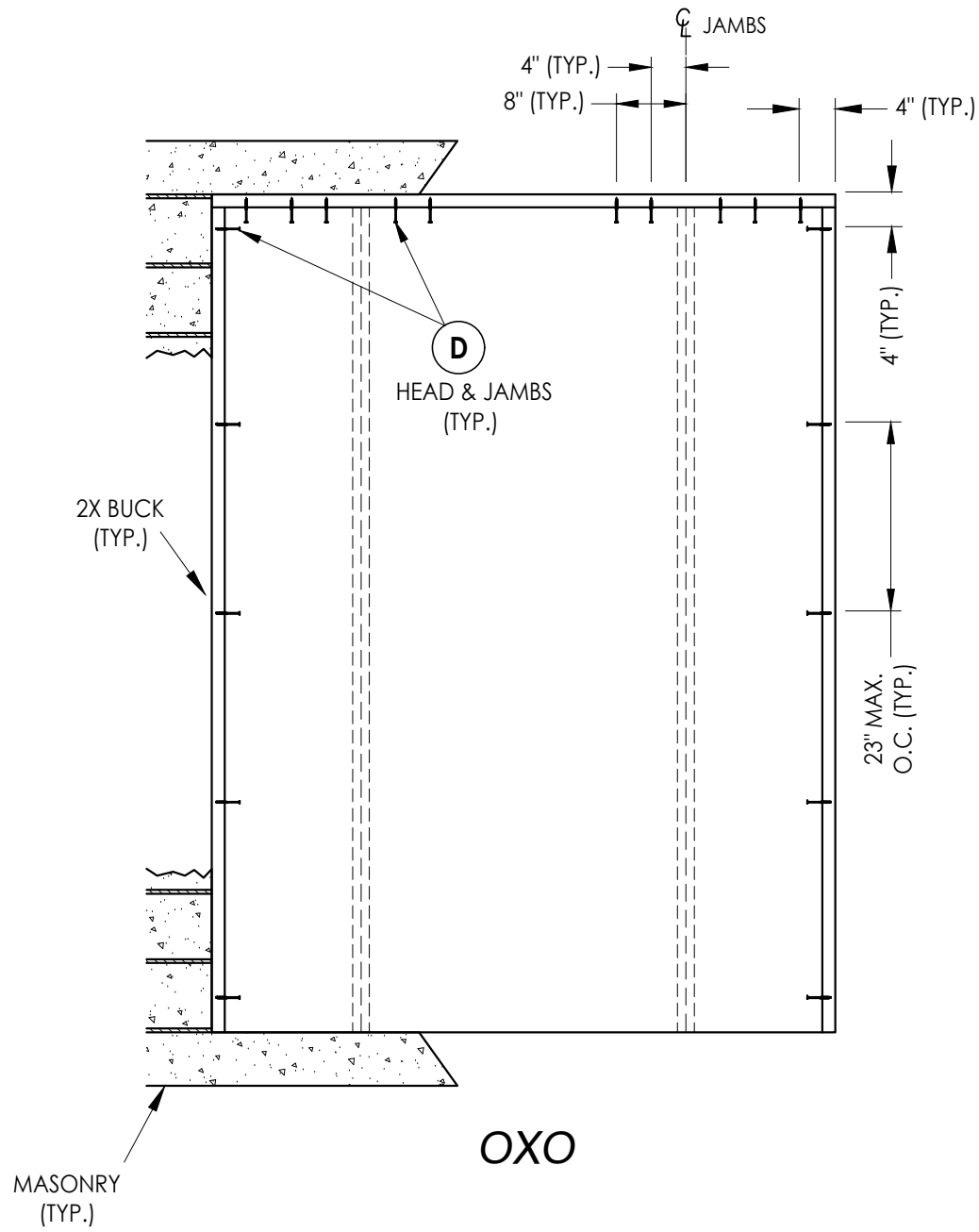
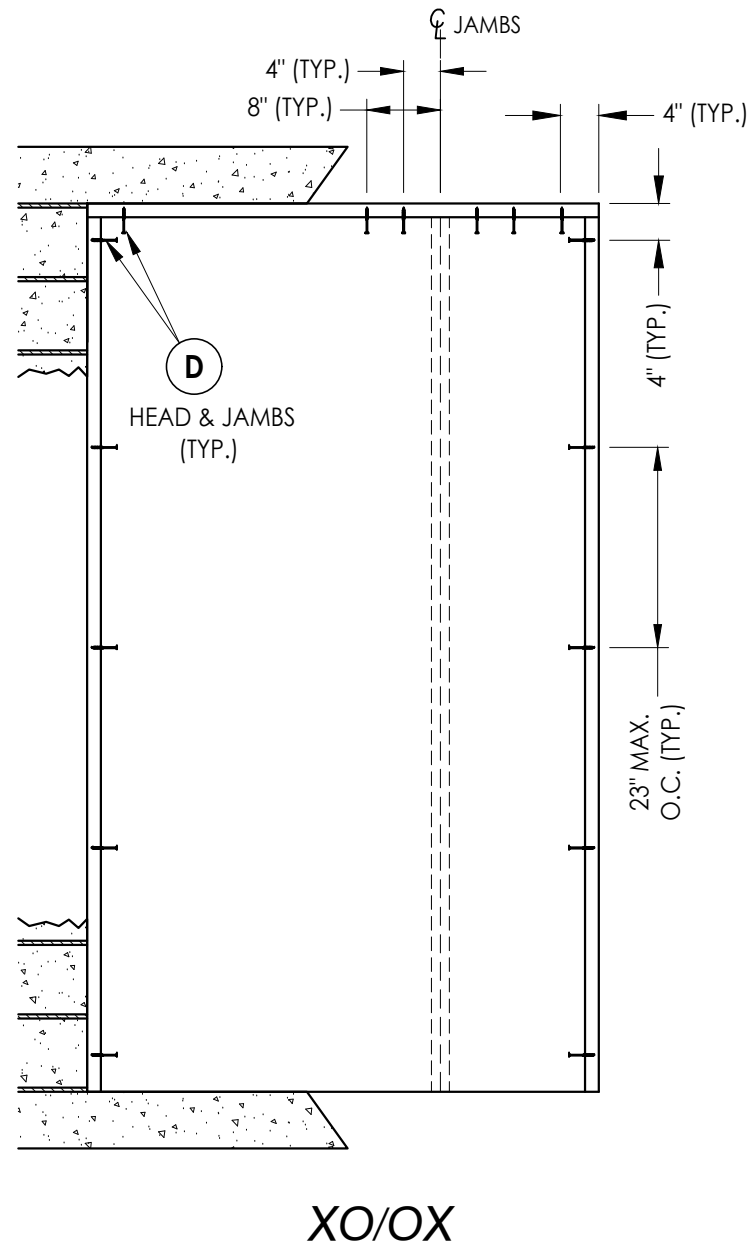
DRAWING NO.:

FL-21135.17

SHEET 9 OF 16

1. Sill Item #s 32, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
2. Sill Item #s 16, 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
3. Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.

[illegible]



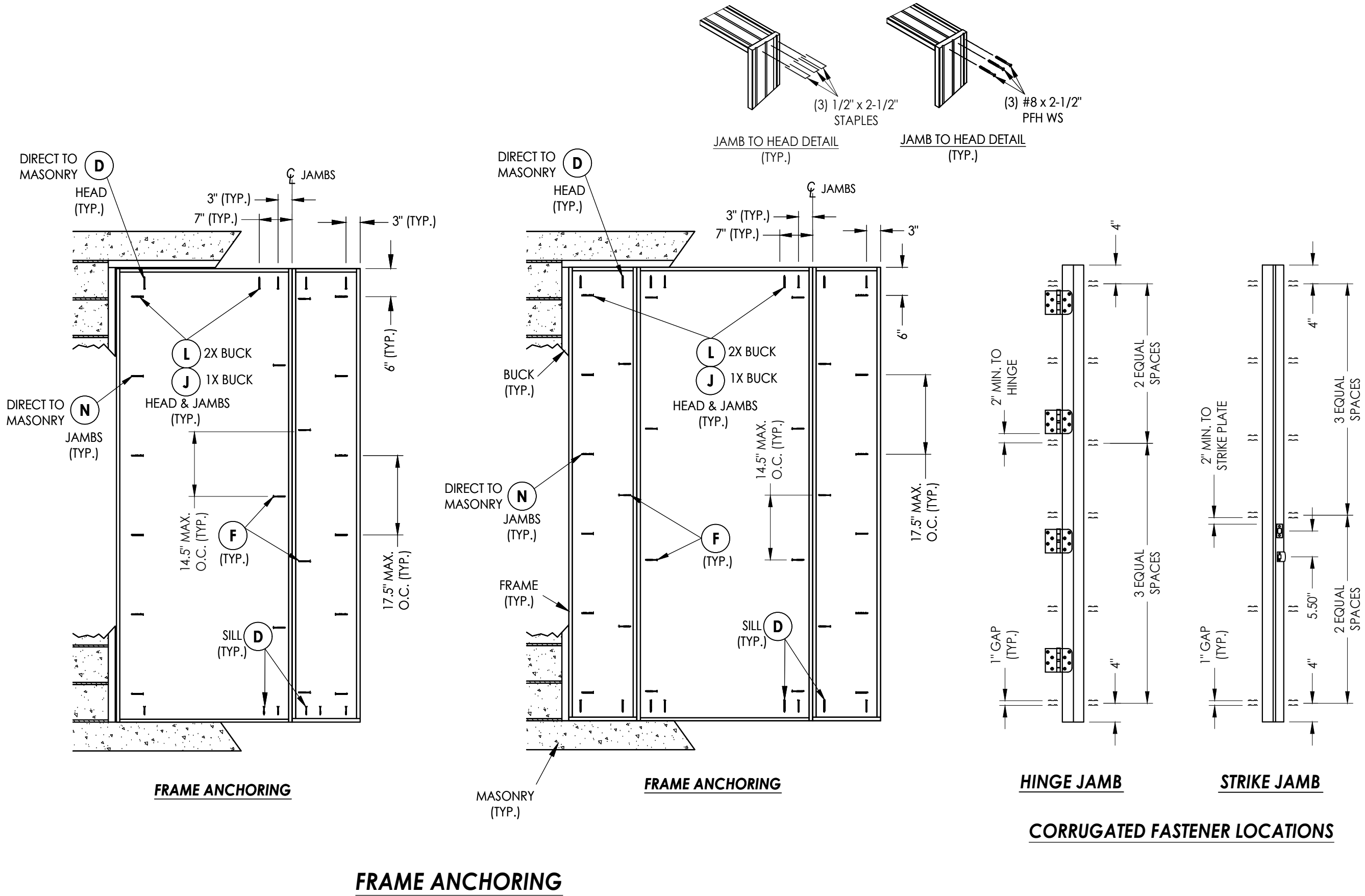
## 2X BUCK ANCHORING

[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

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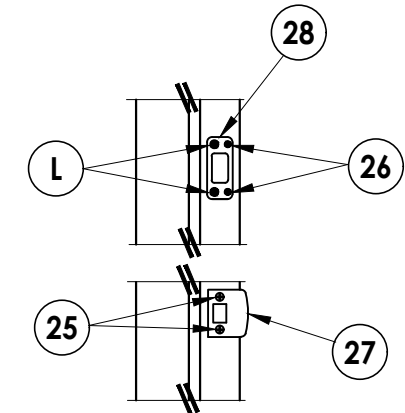
DATE: 03/07/20  
SCALE: N.T.S.  
DWG. BY: TJ  
CHK. BY: LFS  
DRAWING NO.: FL-21135.17  
SHEET 12 OF 16

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 2   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 1   | 7/16/20 | UPDATE TO 7th ED (2020) FBC PO   |

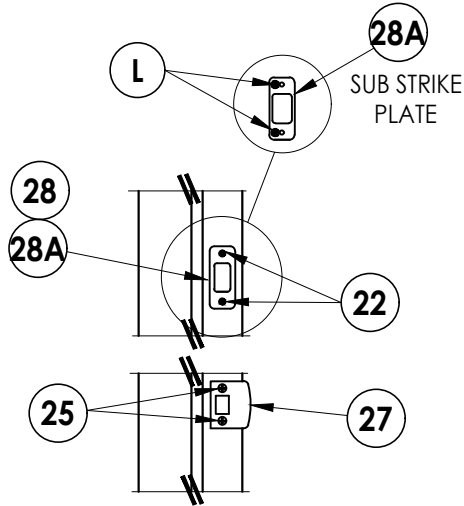
|                   |                               |
|-------------------|-------------------------------|
| PRODUCT:          | Therma-Tru<br>FIBERGLASS DOOR |
| PART OR ASSEMBLY: | FRAME ANCHORING               |

Documents Prepared By:  
Lyndon F. Schmidt  
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FBPE Registry No. 9813

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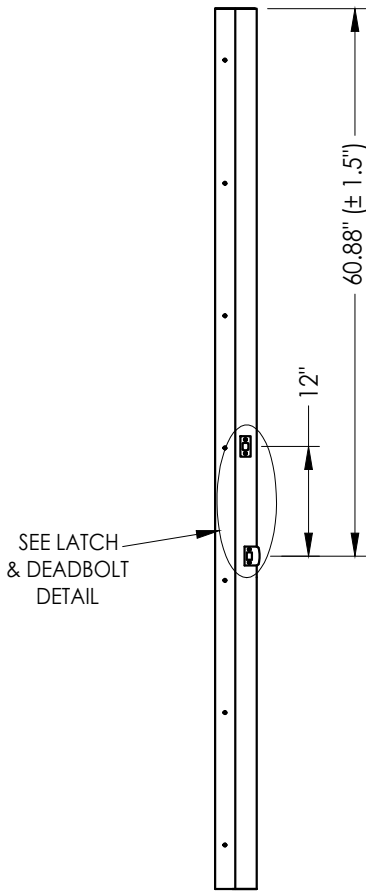


LATCH & DEADBOLT DETAIL  
Kwikset

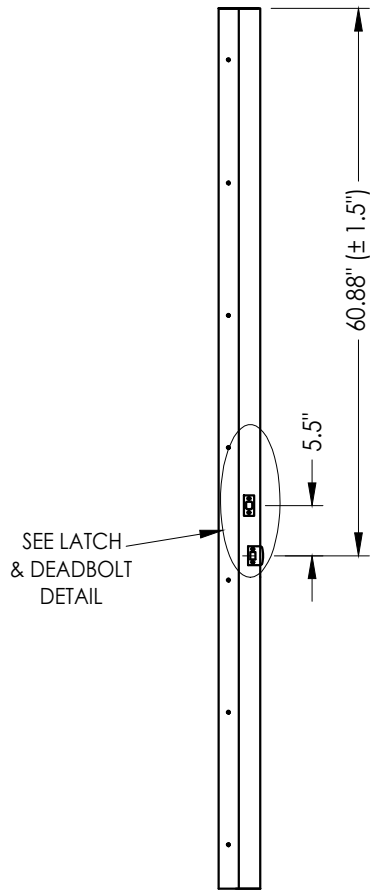


LATCH & DEADBOLT DETAIL  
Schlage

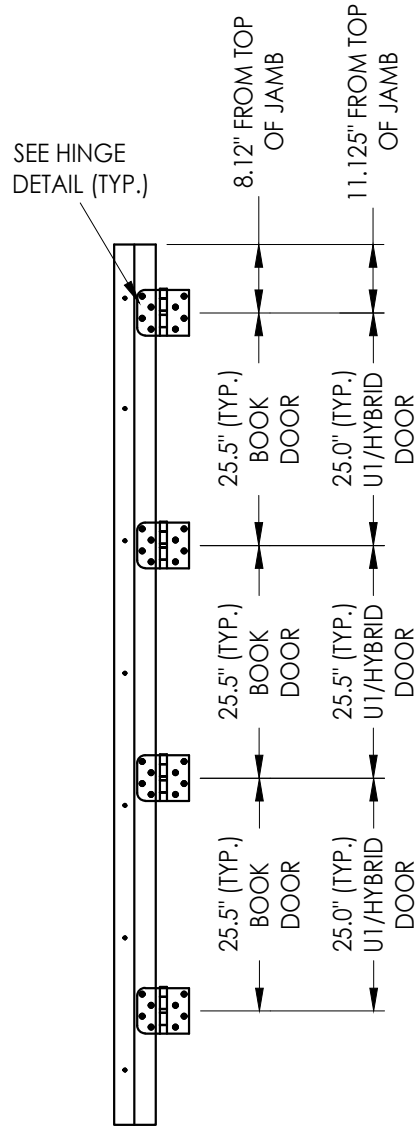
**LATCH & DEADBOLT STRIKE DETAILS**



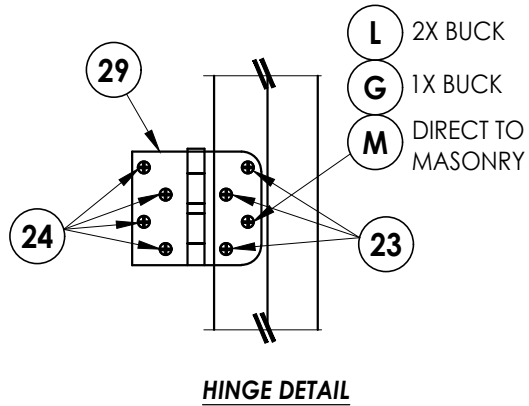
**STRIKE JAMB**  
Latch and Deadbolt



**STRIKE JAMB**  
Latch and Deadbolt  
3/4 Lite



**HINGE JAMB**



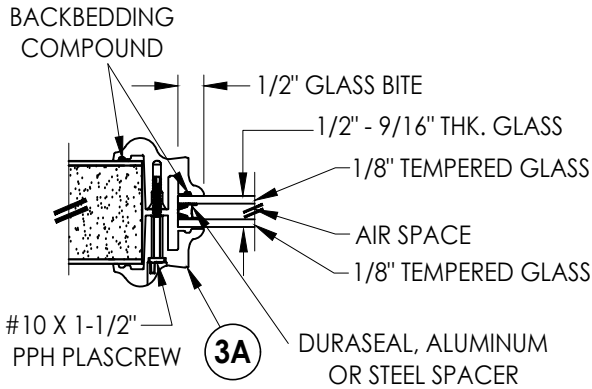
| NO. |         | DATE                     | REVISIONS |     |
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| 2   | 8/21/23 | UPDATE TO 8TH ED. (2023) | FBC       | LFS |
| 1   | 7/16/20 | UPDATE TO 7th ED (2020)  | FBC       | PO  |

DATE: 03/07/20  
SCALE: N.T.S.  
DWG. BY: TJ  
CHK. BY: LFS  
DRAWING NO.: FL-21135.17  
SHEET 13 OF 16

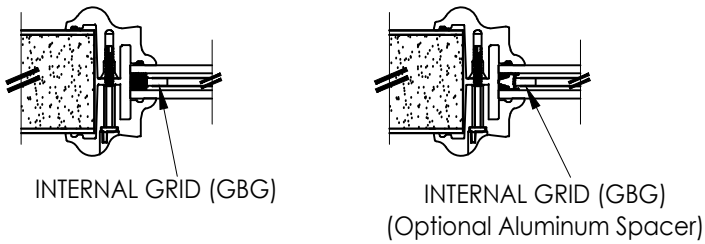
|                   |                               |
|-------------------|-------------------------------|
| PRODUCT:          | THERMA-TRU<br>FIBERGLASS DOOR |
| PART OR ASSEMBLY: | HARDWARE DETAILS              |

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

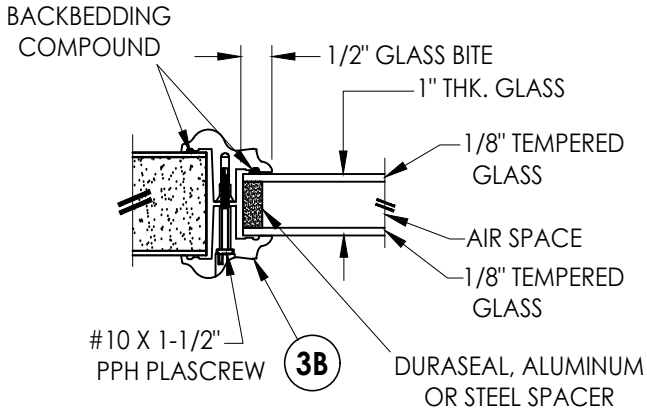
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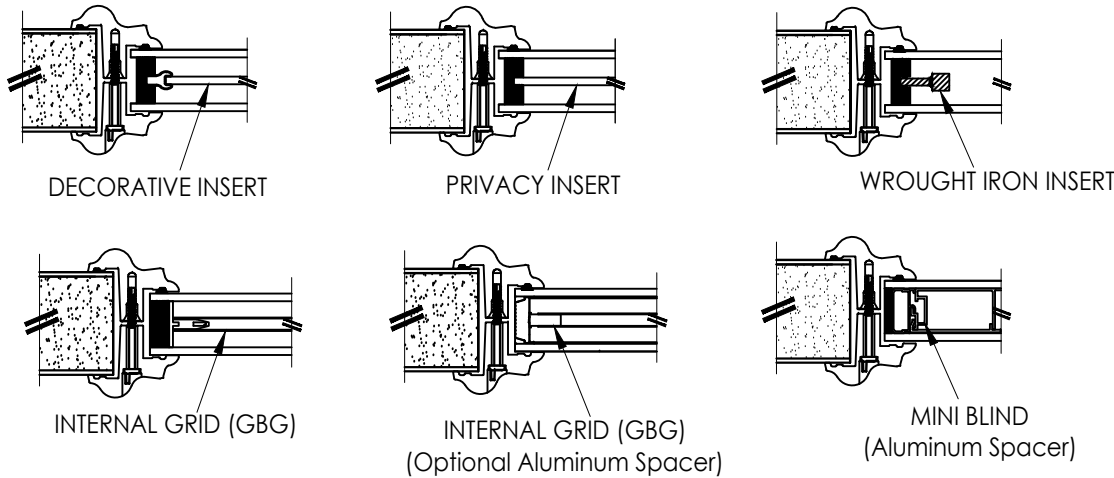
**G1 GLAZING DETAIL**  
BTS Lite Frame  
Door Panels & Sidelites



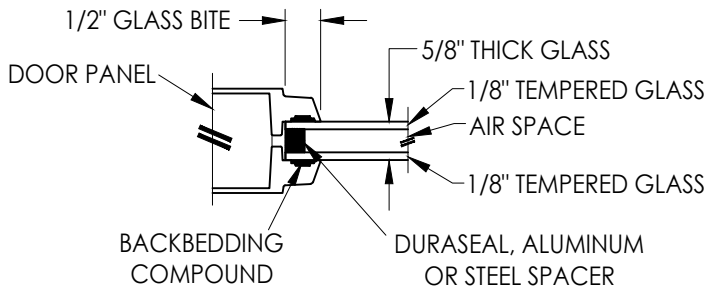
9/16" INSULATED GLASS INSERT OPTIONS



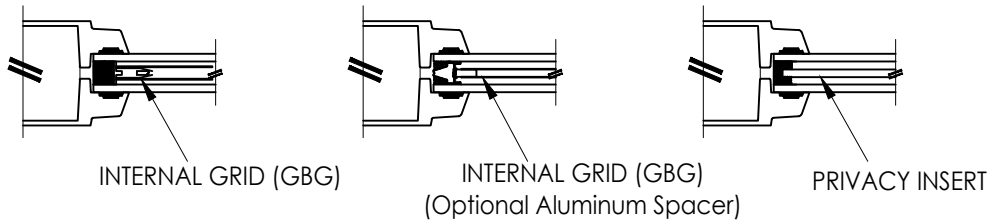
**G2 GLAZING DETAIL**  
BTS Lite Frame  
Door Panels & Sidelites



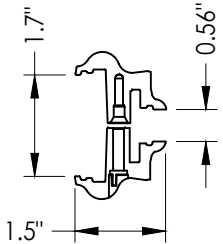
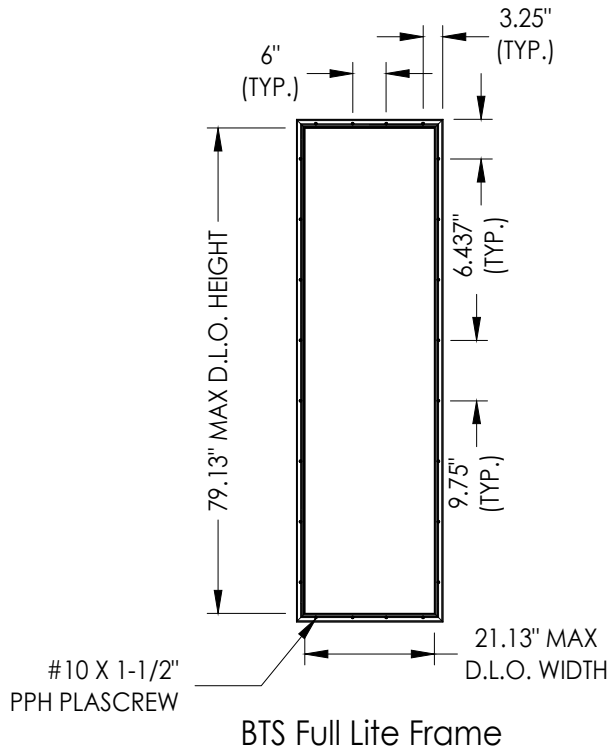
1" INSULATED GLASS INSERT OPTIONS



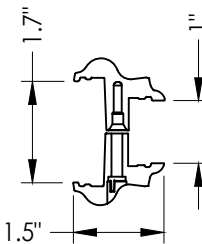
**G3 GLAZING DETAIL**  
Flush Glazing  
Door Panels



5/8" INSULATED GLASS INSERT OPTIONS



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



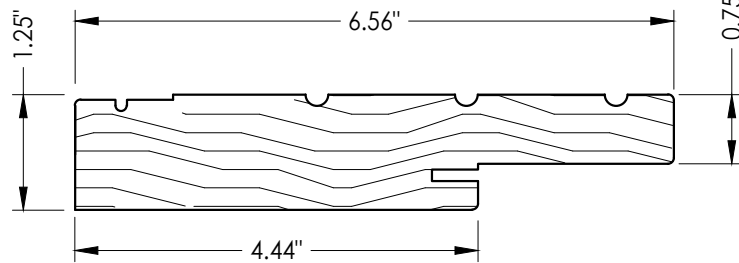
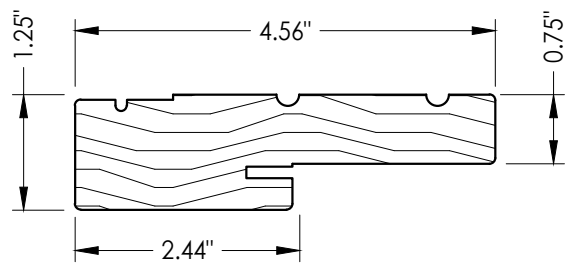
**3B BTS LITE FRAME**  
1" Glazing

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|----------|--|-------------------------------|--|-------------------|-----------|-----------------|--|
| PRODUCT: |  | THERMA-TRU<br>FIBERGLASS DOOR |  | PART OR ASSEMBLY: |           | GLAZING DETAILS |  |
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Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

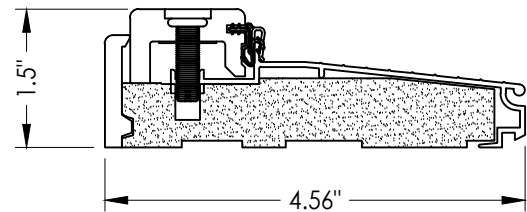
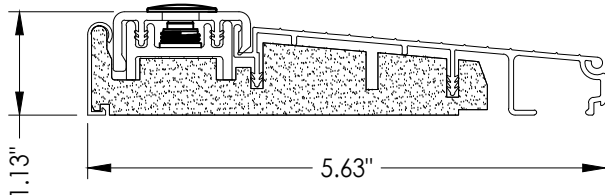
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

**2 WOOD JAMB**

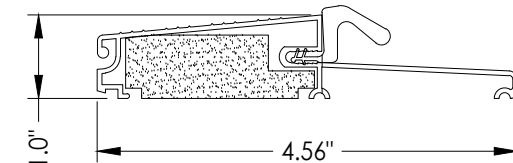
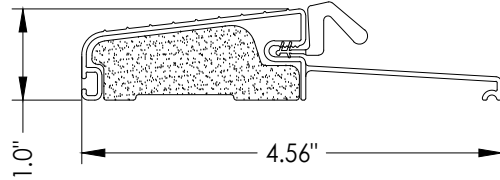


### 38 INSWING THRESHOLD

Inswing Composite Adjustable Sill

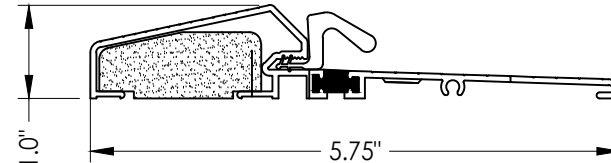
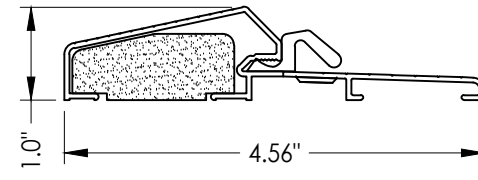
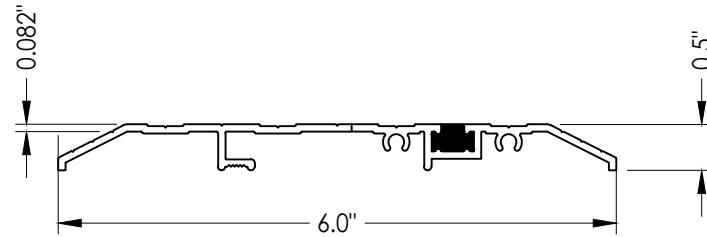


## 16 OUTSWING THRESHOLD



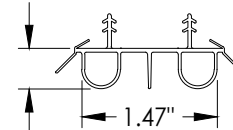
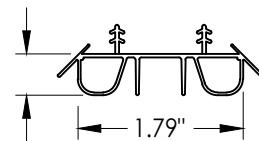
## 19 **OUTSWING THRESHOLD**

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

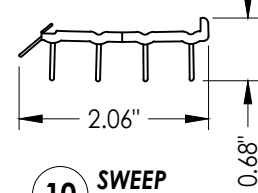


**18** **OUTSWING THRESHOLD**  
Composite / Aluminum Sill  
(Thermal Break)

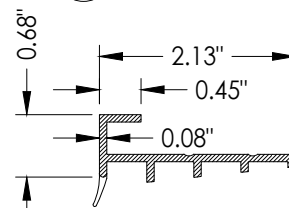
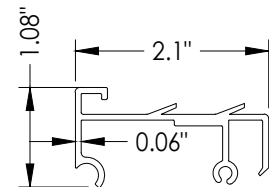
**9 SWEEP**



**10** ***SWEEP***



## 76 SIDELITE SPACER

[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

| BILL OF MATERIALS |                                                                                                |           | BILL OF MATERIALS |                                  |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|-------------------|----------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  | ITEM #            | DESCRIPTION                      | MATERIAL  |
| A                 | 1X BUCK (SG >= 0.42)                                                                           | WOOD      | 28B               | DEADBOLT STRIKE PLATE (SECURITY) | STEEL     |
| B                 | 2X BUCK (SG >= 0.42)                                                                           | WOOD      | 29                | 4" X 4" HINGE                    | STEEL     |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         | 32                | INSWING THRESHOLD                | ALUM/COMP |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 34                | INTERIOR MULL CASING             | WOOD      |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  | 35                | EXTERIOR MULL CASING             | WOOD      |
| G                 | 3/16" X 3-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 38                | INSWING THRESHOLD                | ALUM/COMP |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     | 39                | INSWING THRESHOLD                | ALUM/COMP |
| K                 | 1/2" X 1" X 25 GA. CORRUGATED FASTENER                                                         | STEEL     | 40                | DOOR PANEL (BOOK)                | -         |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL     | 41                | DOOR PANEL (HYBRID)              | -         |
| M                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL     | 42                | DOOR PANEL (U1)                  | -         |
| N                 | 3/16" X 2-3/4" ITW CONCRETE SCREW                                                              | STEEL     | 43                | FLUSH GLAZED DOOR PANEL (BOOK)   | -         |
| 1                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      | 44                | FLUSH GLAZED DOOR PANEL (HYBRID) | -         |
| 2                 | JAMB (FINGER JOINT PINE )                                                                      | WOOD      | 45                | FLUSH GLAZED DOOR PANEL (U1)     | -         |
| 6                 | WEATHERSTRIP (MEDIUM REACH)                                                                    | FOAM      | 50                | SIDELITE (FULL LITE)             | -         |
| 7                 | WEATHERSTRIP (LONG REACH)                                                                      | FOAM      | 60                | SIDELITE (FLUSH GLAZED)          | -         |
| 8                 | SWEEP                                                                                          | VINYL     | 75                | SIDELITE SPACER (INSWING)        | PVC       |
| 9                 | SWEEP                                                                                          | VINYL     | 76                | SIDELITE SPACER (OUTSWING)       | PVC       |
| 10                | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)                                                         | VINYL     |                   |                                  |           |
| 15                | ADA THRESHOLD                                                                                  | ALUM      |                   |                                  |           |
| 16                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |                   |                                  |           |
| 17                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |                   |                                  |           |
| 18                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |                   |                                  |           |
| 19                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |                   |                                  |           |
| 22                | #8 x 3/4" PFH WOOD SCREW                                                                       | STEEL     |                   |                                  |           |
| 23                | #10 x 3/4" PFH WOOD SCREW                                                                      | STEEL     |                   |                                  |           |
| 24                | #10 x 1" PFH WOOD SCREW                                                                        | STEEL     |                   |                                  |           |
| 25                | #8 x 2-1/2" PFH WOOD SCREW                                                                     | STEEL     |                   |                                  |           |
| 26                | #8 x 5/8" PFH WOOD SCREW                                                                       | STEEL     |                   |                                  |           |
| 27                | LATCH STRIKE PLATE                                                                             | STEEL     |                   |                                  |           |
| 28                | DEADBOLT STRIKE PLATE                                                                          | STEEL     |                   |                                  |           |
| 28A               | DEADBOLT SUB STRIKE PLATE                                                                      | STEEL     |                   |                                  |           |

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" may be required to ensure the "MAX. ON CENTER" dimensions are maintained.
- Concrete anchor table:

### 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.

|                                           |  |                                        |  |                                                                                             |  |                         |  |                        |  |                                                                                                                    |  |
|-------------------------------------------|--|----------------------------------------|--|---------------------------------------------------------------------------------------------|--|-------------------------|--|------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| DATE: 03/07/20                            |  | DRAWING NO.:<br>FL-21135.17            |  | CHK. BY: LFS                                                                                |  | DWG. BY: TJ             |  | SCALE: N.T.S.          |  | DATE: 03/07/20                                                                                                     |  |
| SHEET 16 OF 16                            |  | BUILDING CONSULTANTS, INC.             |  | P.O. Box 230, Valrico, FL 33595                                                             |  | Phone No.: 813.659.9197 |  | FBPE Registry No. 9813 |  | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                      |  |
| PRODUCT:<br>THERMA-TRU<br>FIBERGLASS DOOR |  | PART OR ASSEMBLY:<br>BILL OF MATERIALS |  | NO. DATE<br>2 8/21/23 UPDATE TO 8TH ED. (2023) FBC<br>1 7/16/20 UPDATE TO 7th ED (2020) FBC |  | LFS<br>PO<br>BY         |  | REVISIONS              |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |