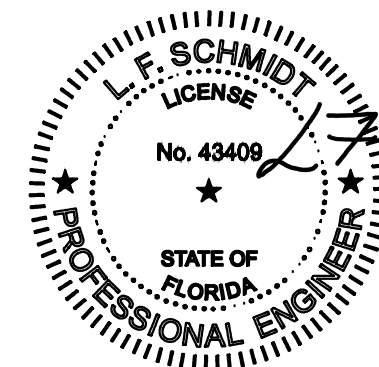
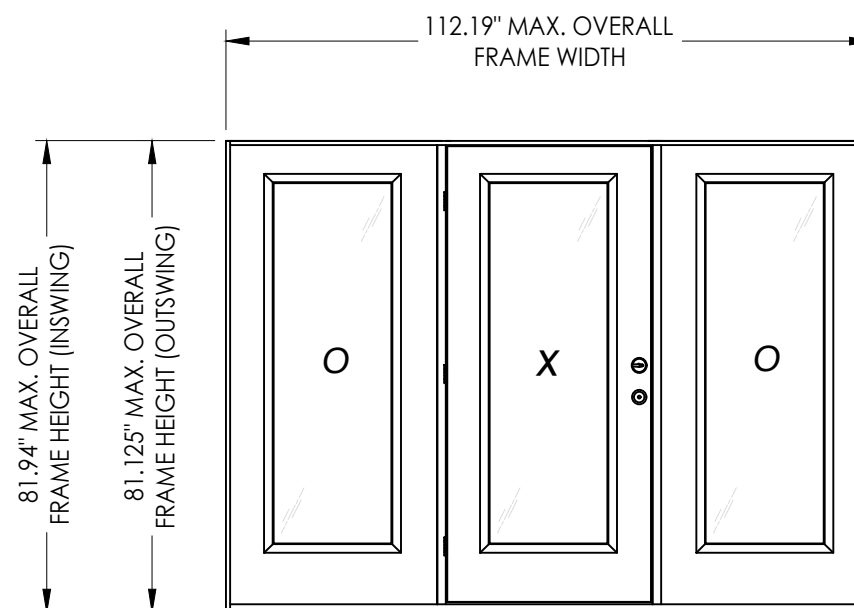
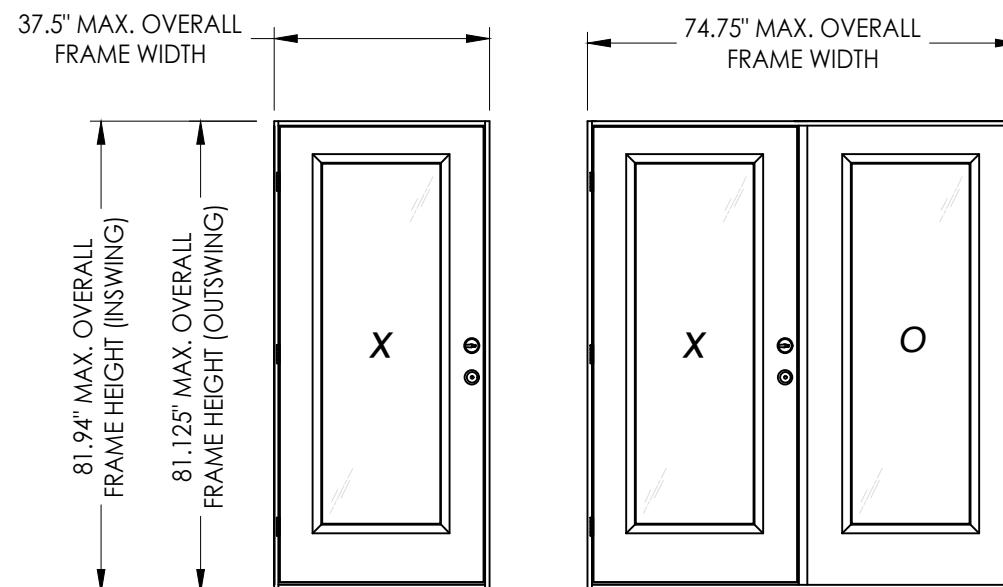


| TABLE OF CONTENTS |                                                      |
|-------------------|------------------------------------------------------|
| SHEET #           | DESCRIPTION                                          |
| 1                 | Typical elevations, design pressures & general notes |
| 2                 | Door panel details & glazing details                 |
| 3                 | Sidelite panel details                               |
| 4                 | Elevations                                           |
| 5                 | Vertical cross sections                              |
| 6                 | Horizontal cross sections                            |
| 7                 | Buck anchoring                                       |
| 8                 | Frame anchoring & hardware details                   |
| 9                 | Bill of materials and components                     |



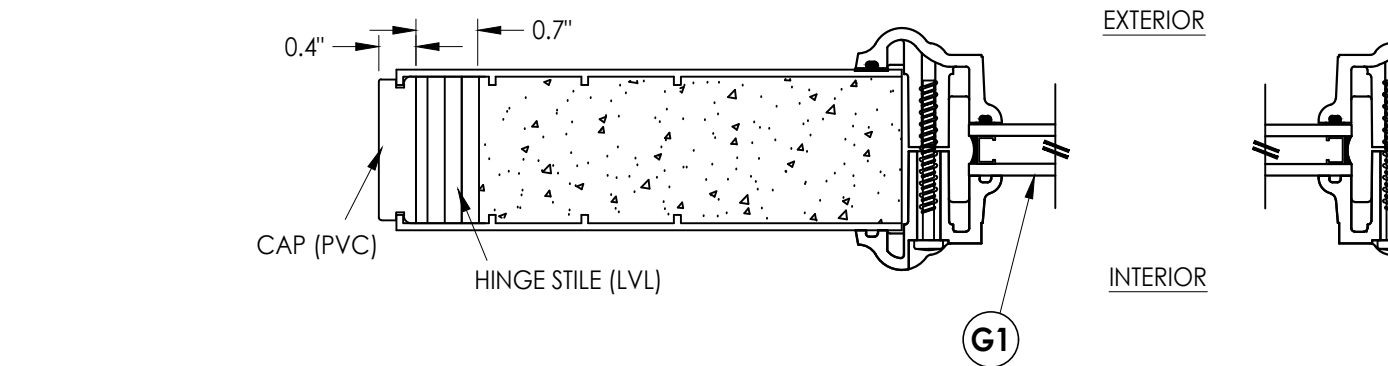
Digitally signed by Lyndon F Schmidt  
Date: 2023.07.06 07:54:37 -04'00'

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.

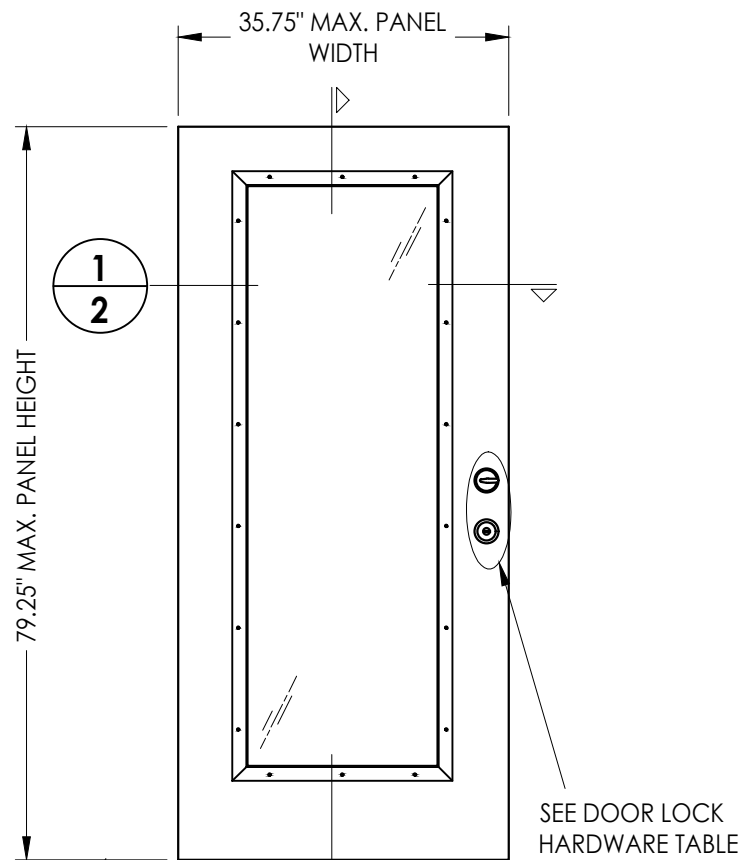
| CONFIGURATION | MAX. FRAME DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| X             | 37.5" x 81.94"       | +40.0                         | -45.0    | +45.0                          | -50.0    |
| OX/XO         | 74.75" x 81.94"      | +40.0                         | -45.0    | +45.0                          | -50.0    |
| OXO           | 112.19" x 81.94"     | +40.0                         | -45.0    | +45.0                          | -50.0    |

|                        |         |                                                                                                                                                       |     |
|------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| DATE: 6/15/15          |         | SHEET 1 OF 9                                                                                                                                          |     |
| SCALE: N.T.S.          |         | DRAWING NO.: FL-14094.1                                                                                                                               |     |
| DWG. BY: JK            |         | CHK. BY: LFS                                                                                                                                          |     |
| NO.                    |         | DATE                                                                                                                                                  |     |
| 3                      | 7/06/23 | UPDATE TO 8TH ED. (2023)                                                                                                                              | FBC |
| 2                      | 7/06/20 | UPDATE TO 7TH ED. (2020)                                                                                                                              | FBC |
| 1                      | 8/2/17  | UPDATE TO 6TH ED. (2017)                                                                                                                              | FBC |
|                        |         |                                                                                                                                                       | JK  |
|                        |         |                                                                                                                                                       | LFS |
|                        |         |                                                                                                                                                       |     |
|                        |         |                                                                                                                                                       |     |
| PRODUCT:               |         | WINCORE<br>FIBERGLASS DOOR                                                                                                                            |     |
| PART OR ASSEMBLY:      |         | TYPICAL ELEVATION, DESIGN<br>PRESSURES & GENERAL NOTES                                                                                                |     |
| Documents Prepared By: |         | Lyndon F. Schmidt<br>P.E. No. 43409<br><br>BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>R <sub>W</sub> |     |

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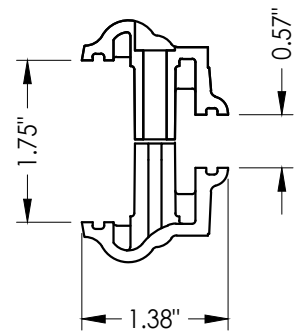
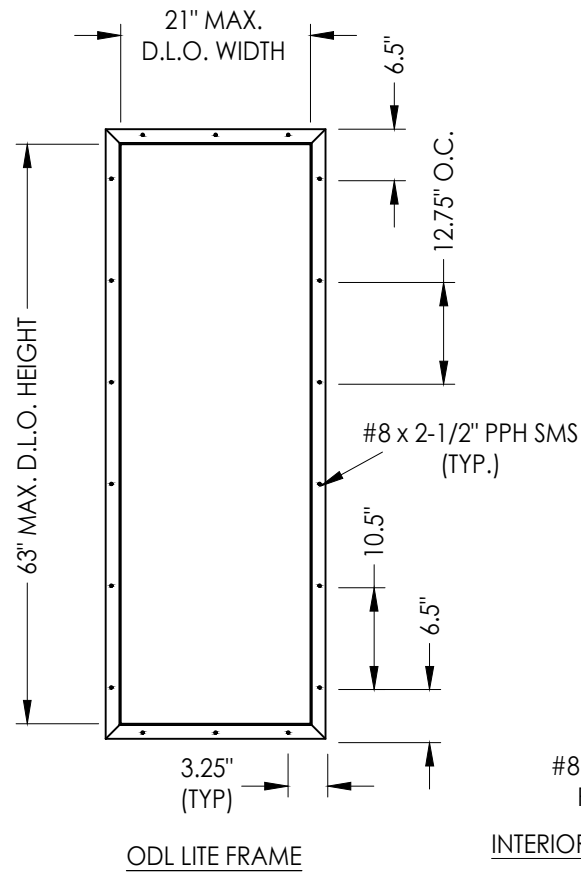
1  
2 **HORIZONTAL CROSS SECTION**



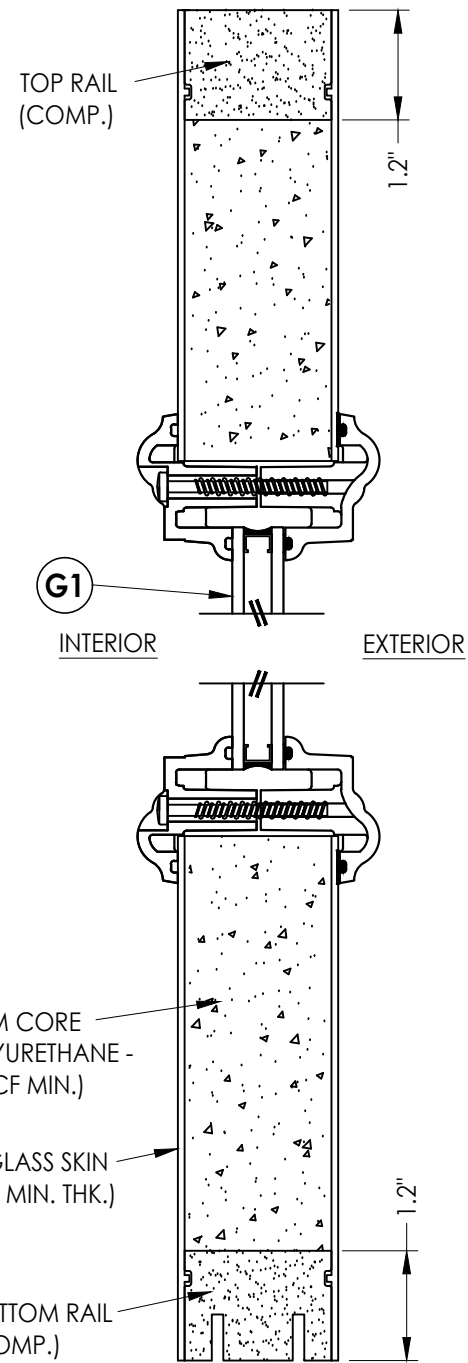
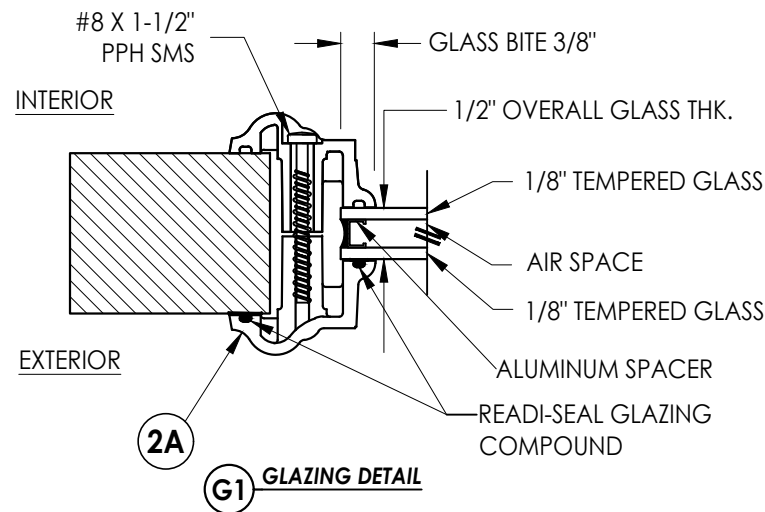
2  
2

40 **DOOR PANEL**  
Plastro  
Fiberglass

| DOOR LOCK HARDWARE TABLE |           |                        |
|--------------------------|-----------|------------------------|
| MANUFACTURER             | MODEL     |                        |
| KWIKSET                  | Knob:     | SIGNATURE SERIES       |
|                          | Deadbolt: | SIGNATURE SERIES (780) |



2A **OD LITE FRAME**  
HP Polypropylene



2  
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: WINCORE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS &  
GLAZING DETAILS

| NO. | DATE    | REVISIONS |      |      |                              |
|-----|---------|-----------|------|------|------------------------------|
|     |         | BY        | CHK. | DATE | DESCRIPTION                  |
| 3   | 7/06/23 | LFS       |      |      | UPDATE TO 8TH ED. (2023) FBC |
| 2   | 7/06/20 | LFS       |      |      | UPDATE TO 7TH ED. (2020) FBC |
| 1   | 8/2/17  | JK        |      |      | UPDATE TO 6TH ED. (2017) FBC |

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

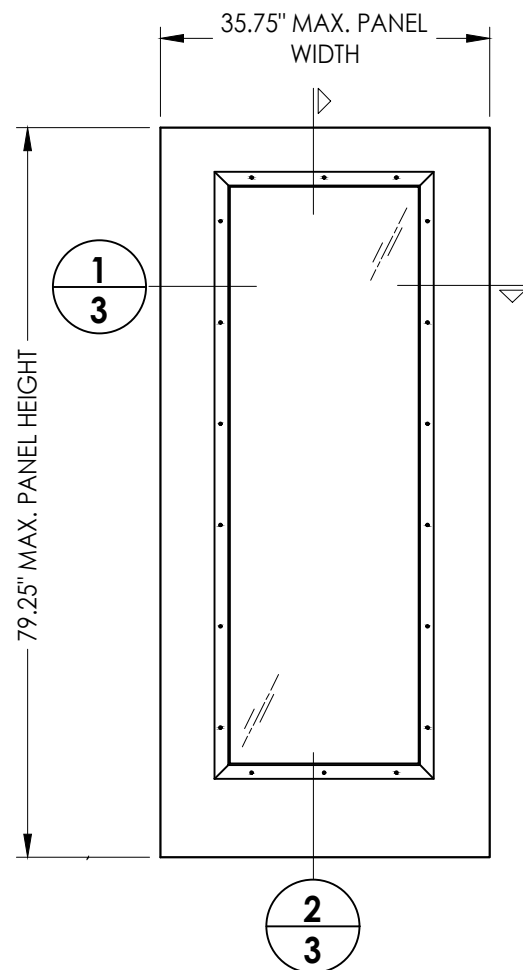
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DRAWING NO.:

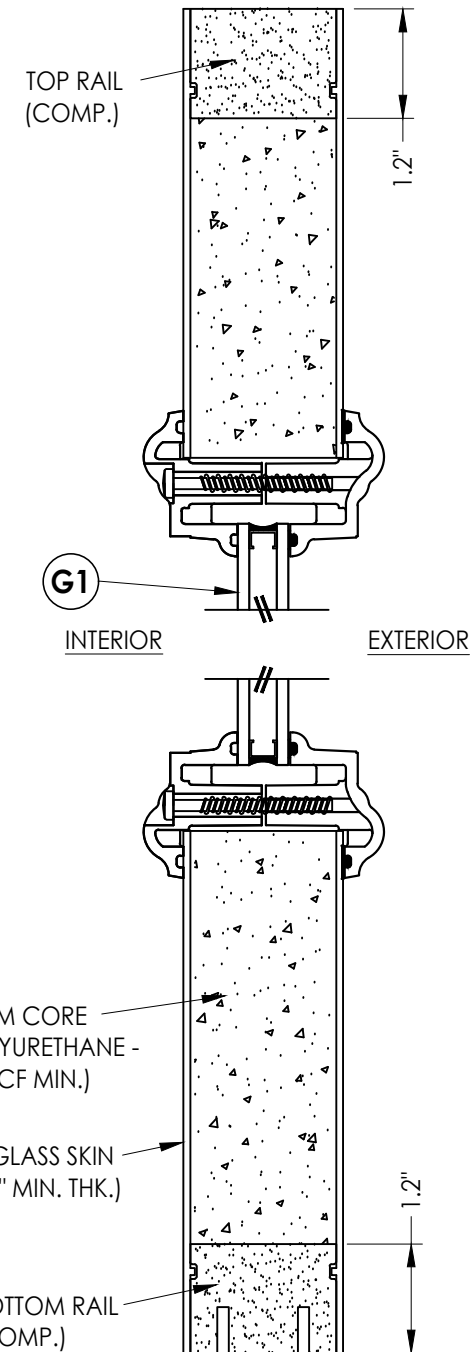
FL-14094.1

SHEET 2 OF 9

**1** **HORIZONTAL CROSS SECTION**  
**3**



**50** **SIDELITE PANEL**  
Plastpro  
Fiberglass



**2 VERTICAL CROSS SECTION**

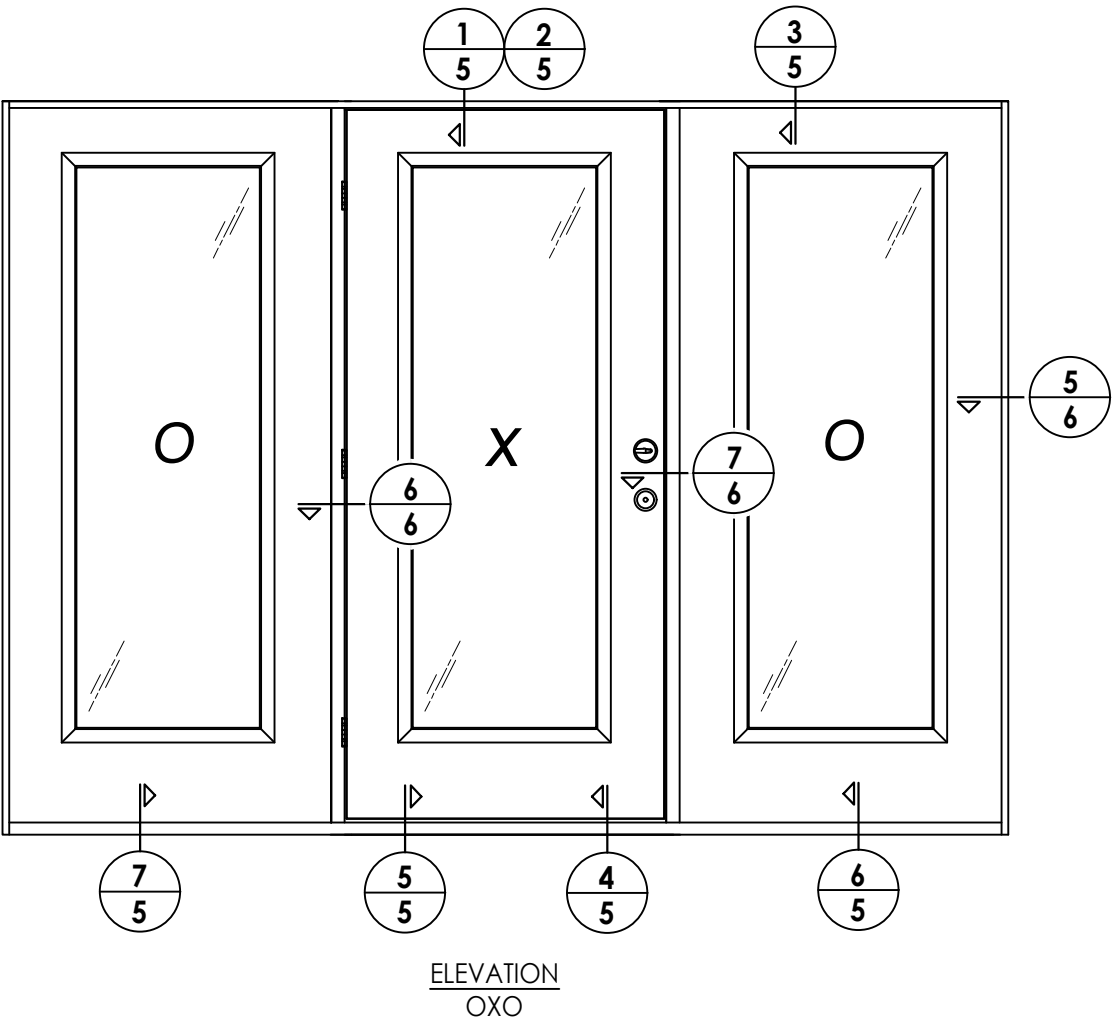
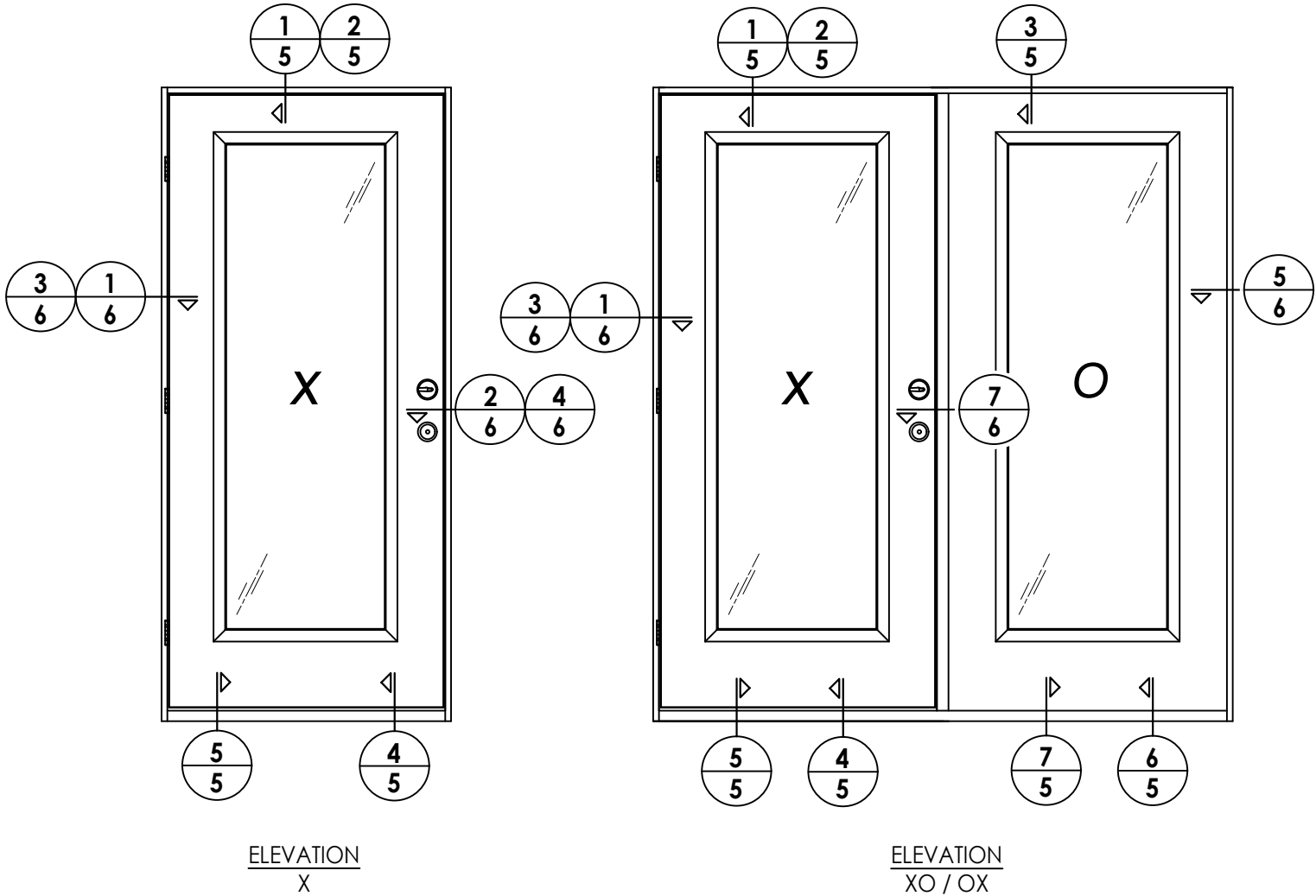
[illegible]

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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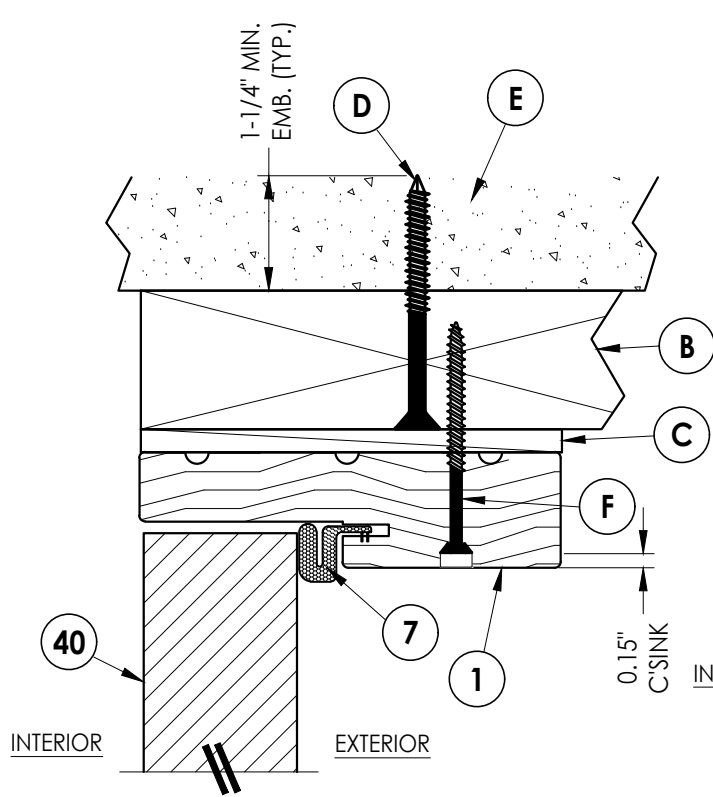
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| DATE: 6/15/15           |                                          |
| SCALE: N.T.S.           |                                          |
| DWG. BY: JK             |                                          |
| CHK. BY: LFS            |                                          |
| DRAWING NO.: FL-14094.1 |                                          |
| SHEET 4 OF 9            |                                          |
| 3                       | 7/06/23 UPDATE TO 8TH ED. (2023) FBC LFS |
| 2                       | 7/06/20 UPDATE TO 7TH ED. (2020) FBC LFS |
| 1                       | 8/2/17 UPDATE TO 6TH ED. (2017) FBC JK   |
| NO.                     | DATE                                     |
| BY                      |                                          |
| REVISIONS               |                                          |

|                                  |  |
|----------------------------------|--|
| PRODUCT: WINCORE FIBERGLASS DOOR |  |
| PART OR ASSEMBLY: ELEVATIONS     |  |

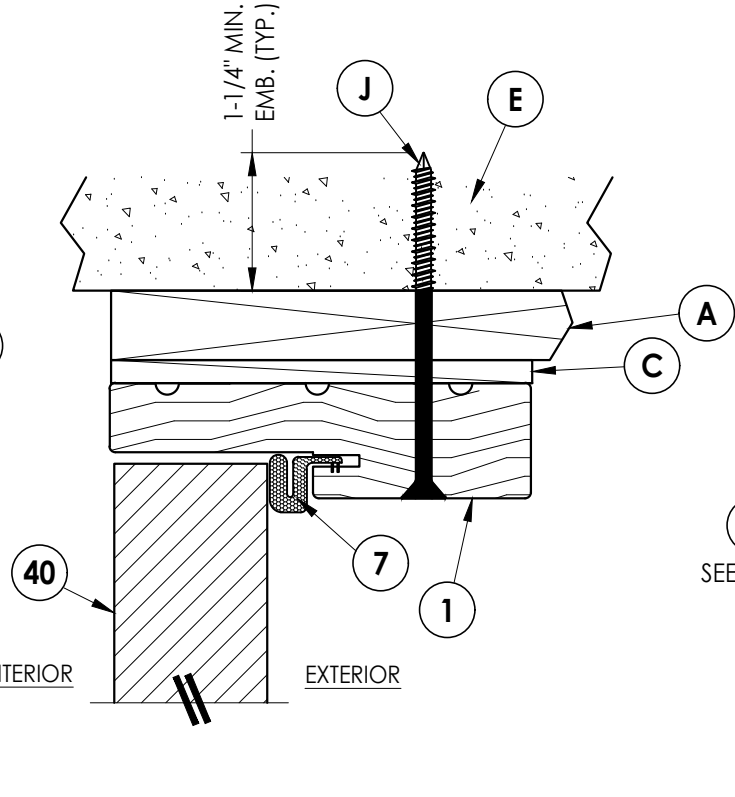
Documents Prepared By:  
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P.E. No. 43409

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FBPE Registry No. 9813

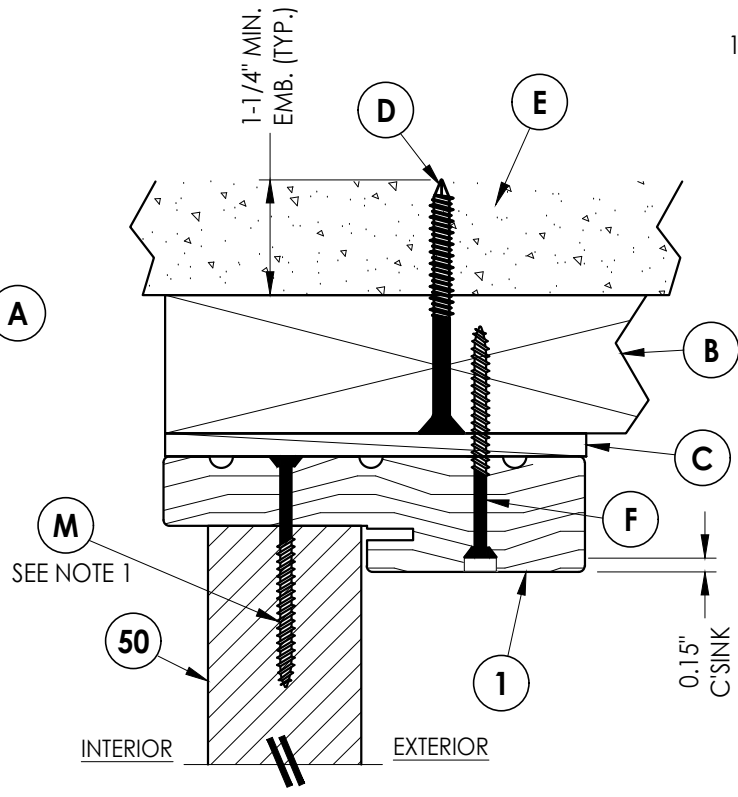
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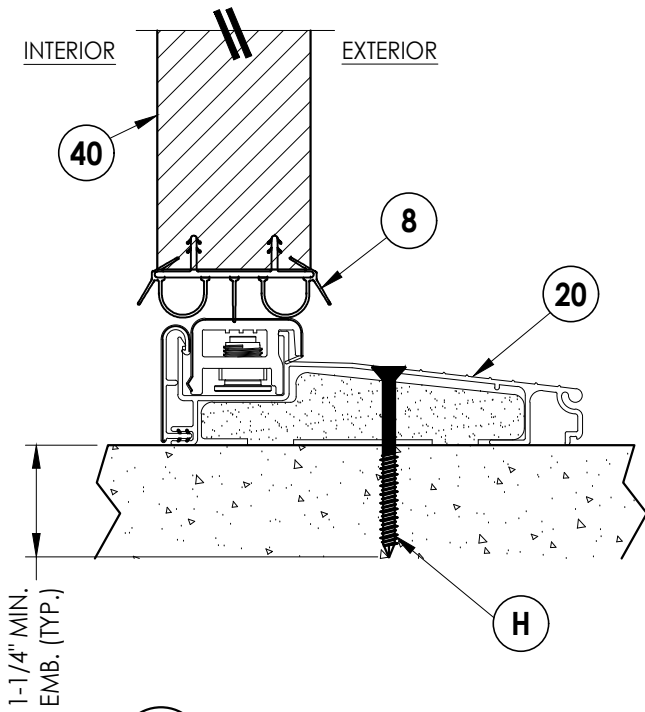
**1**  
**5** **VERTICAL CROSS SECTION**  
Inswing shown (Outswing similar)  
2X Buck Construction



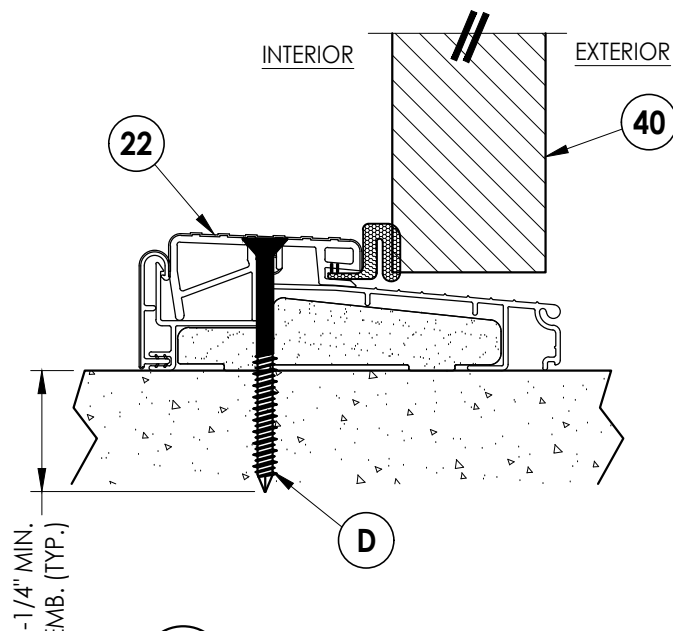
**2**  
**5** **VERTICAL CROSS SECTION**  
Inswing shown (Outswing similar)  
1X Buck Construction



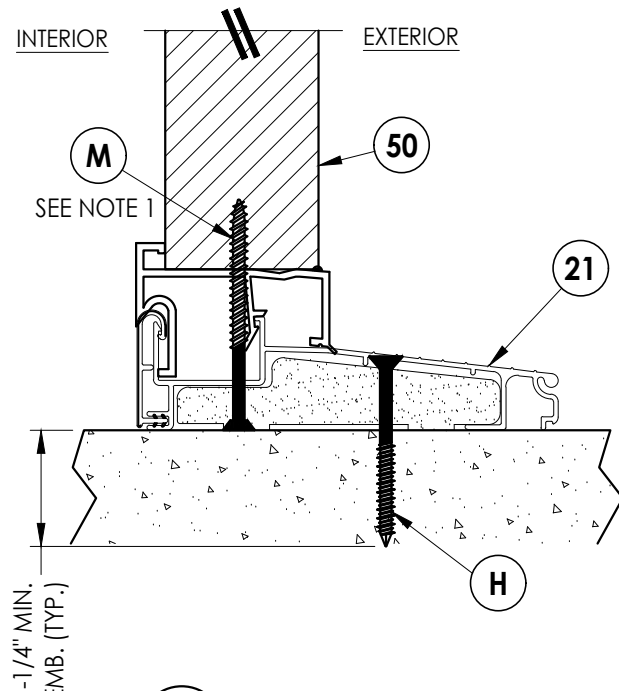
**3**  
**5** **VERTICAL CROSS SECTION**  
Inswing shown (Outswing similar)  
2X Buck Construction



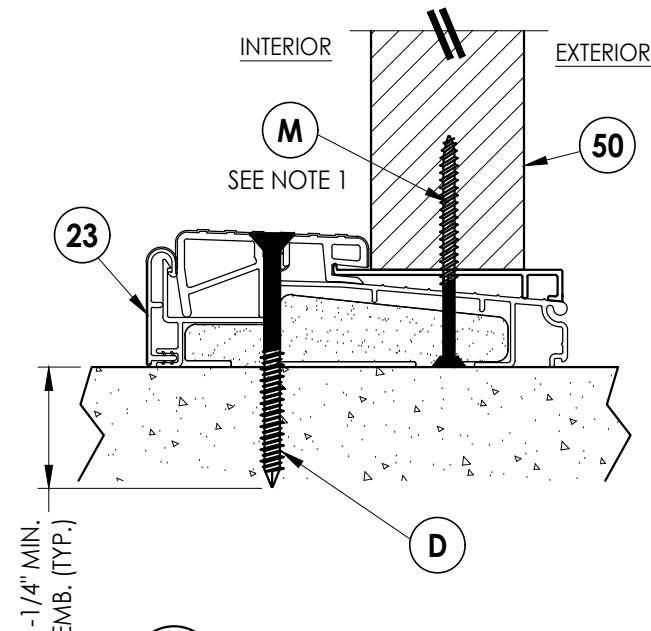
**4**  
**5** **VERTICAL CROSS SECTION**  
Inswing sill



**5**  
**5** **VERTICAL CROSS SECTION**  
Outswing sill



**6**  
**5** **VERTICAL CROSS SECTION**  
Inswing sill



**7**  
**5** **VERTICAL CROSS SECTION**  
Inswing sill

NOTE:  
1. Spacing for sidelite screws (item M):  
6" from each end (2 total).

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:  
WINCORE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS

| NO. | DATE    | REVISIONS                    | BY  |
|-----|---------|------------------------------|-----|
| 3   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 2   | 7/06/20 | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 1   | 8/2/17  | UPDATE TO 6TH ED. (2017) FBC | JK  |

DATE: 6/15/15

SCALE: N.T.S.

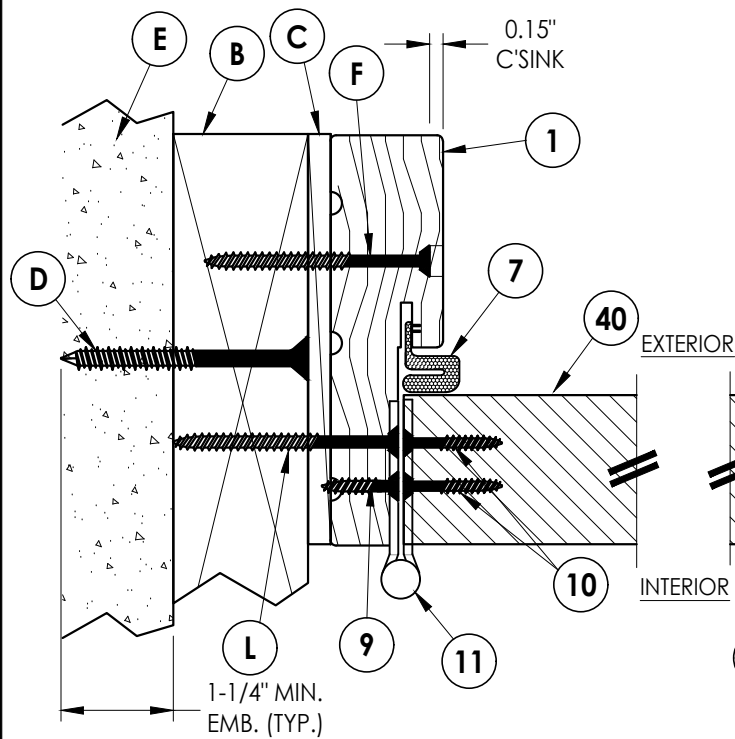
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CHK. BY: LFS

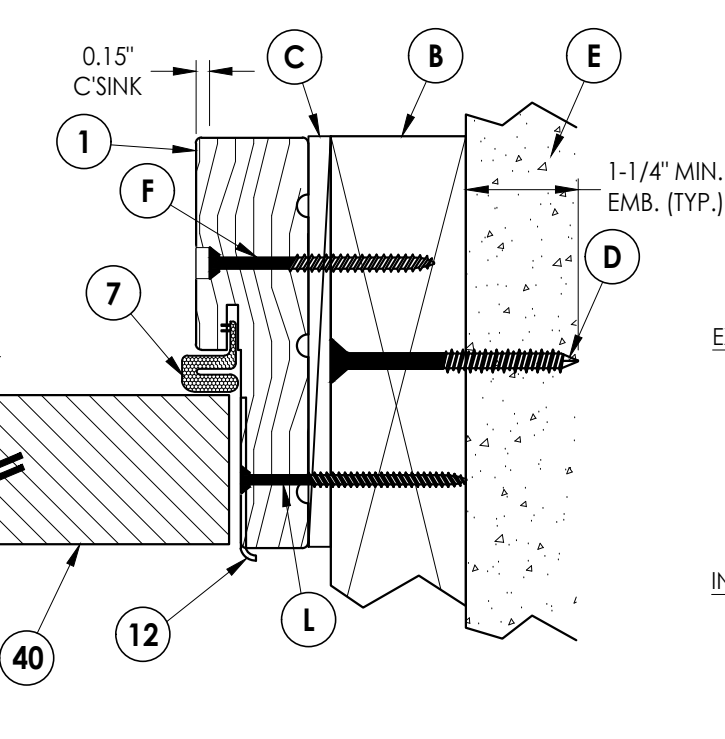
DRAWING NO.: FL-14094.1

SHEET 5 OF 9

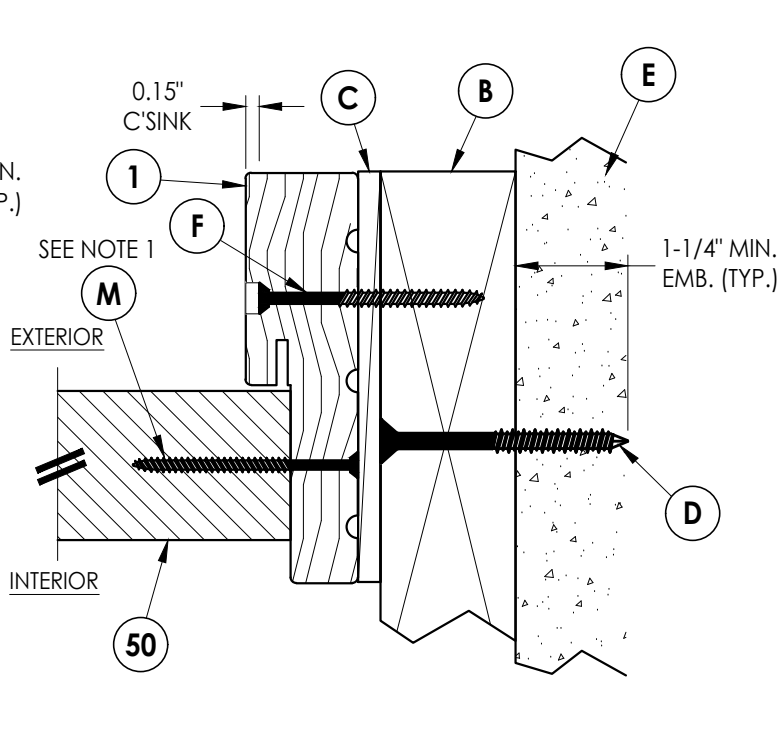
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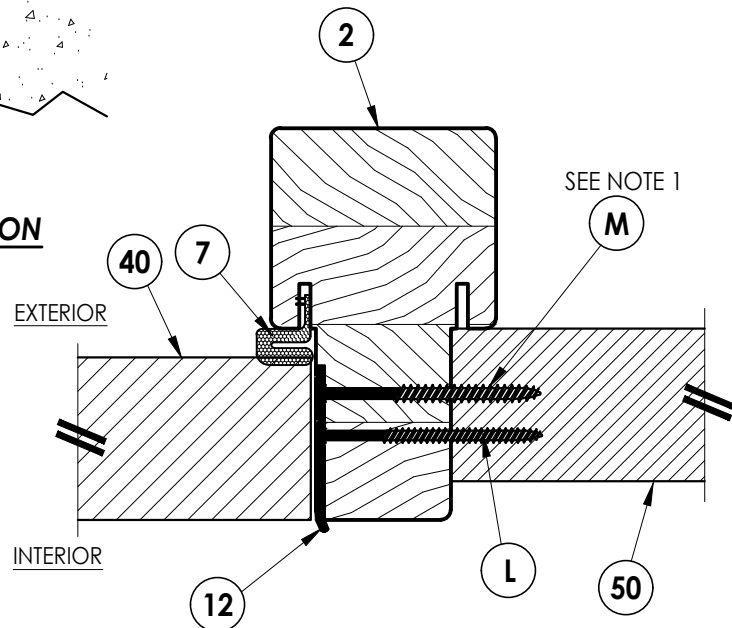
**1**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)  
2X Buck Construction



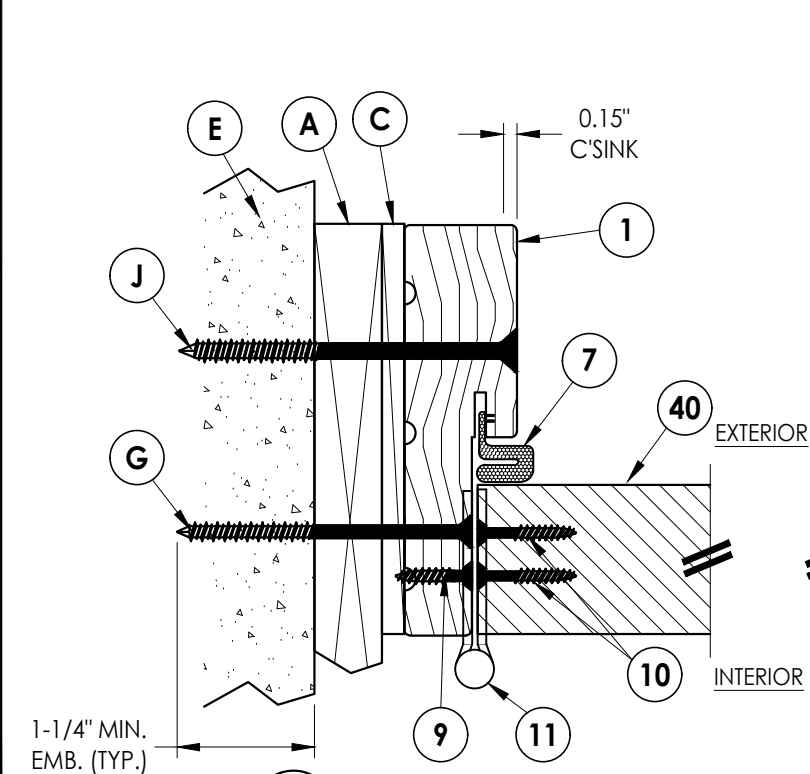
**2**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)  
2X Buck Construction



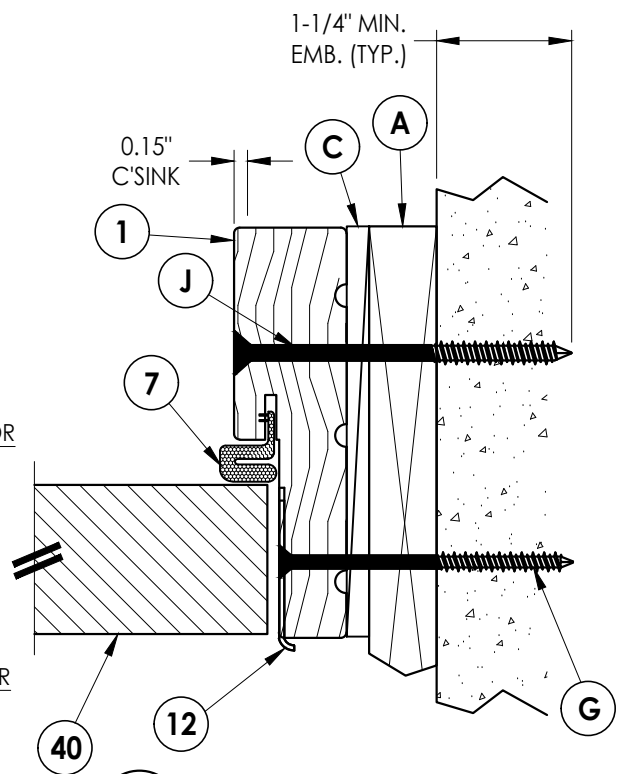
**5**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)  
2X Buck Construction



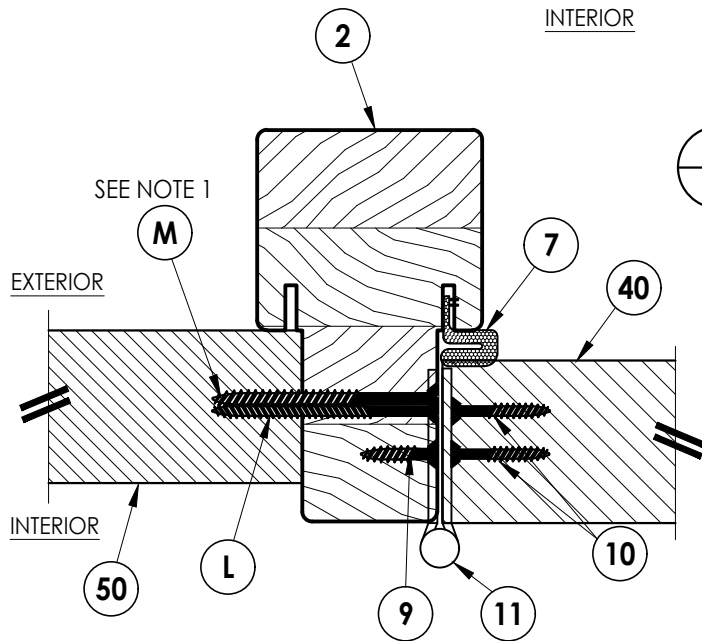
**7**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)



**3**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)  
1X Buck Construction



**4**  
**6** **HORIZONTAL CROSS SECTION**  
Inswing shown (Outswing similar)  
1X Buck Construction



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

NOTE:  
1. Spacing for sidelite screws (item M): 6.5", 38.5"  
and 69" from head to sill (3 total).

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:  
WINCORE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL CROSS  
SECTIONS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 3   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC |
| 2   | 7/06/20 | UPDATE TO 7TH ED. (2020) FBC |
| 1   | 8/2/17  | UPDATE TO 6TH ED. (2017) FBC |
| NO. | DATE    | BY                           |

DATE: 6/15/15

SCALE: N.T.S.

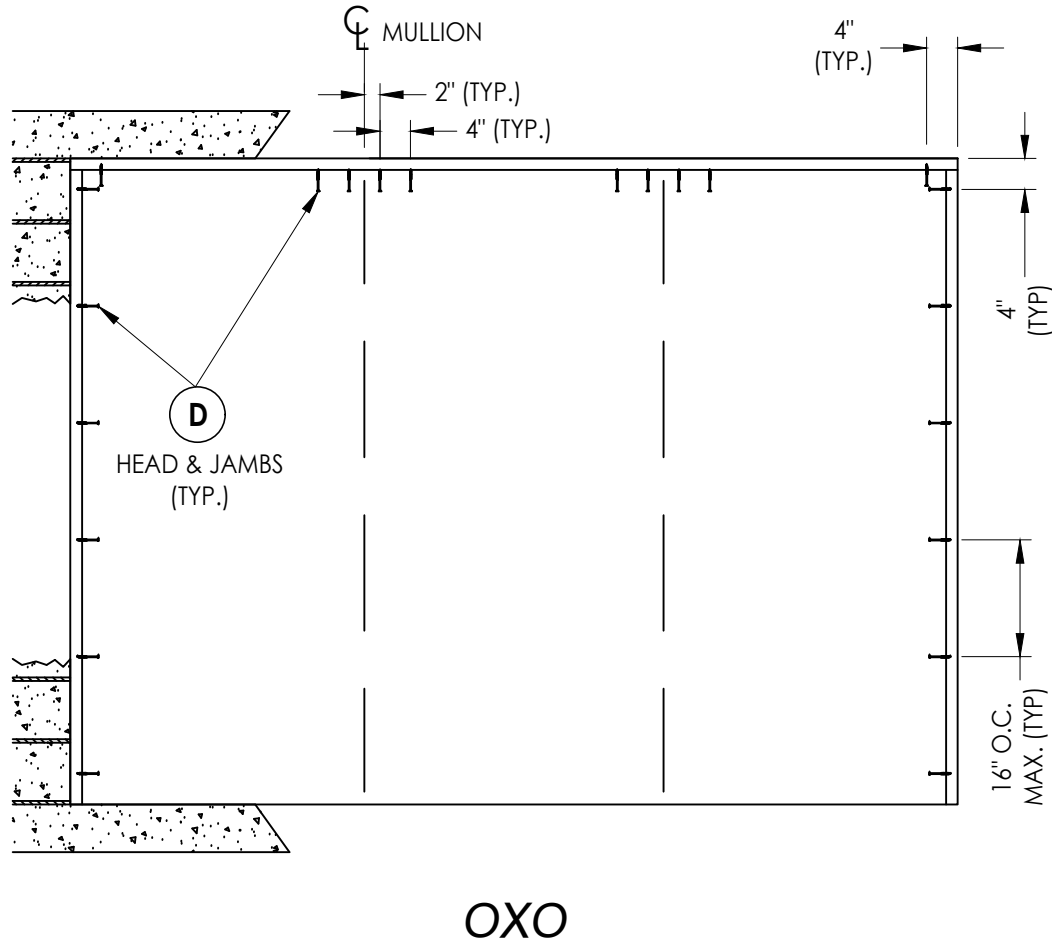
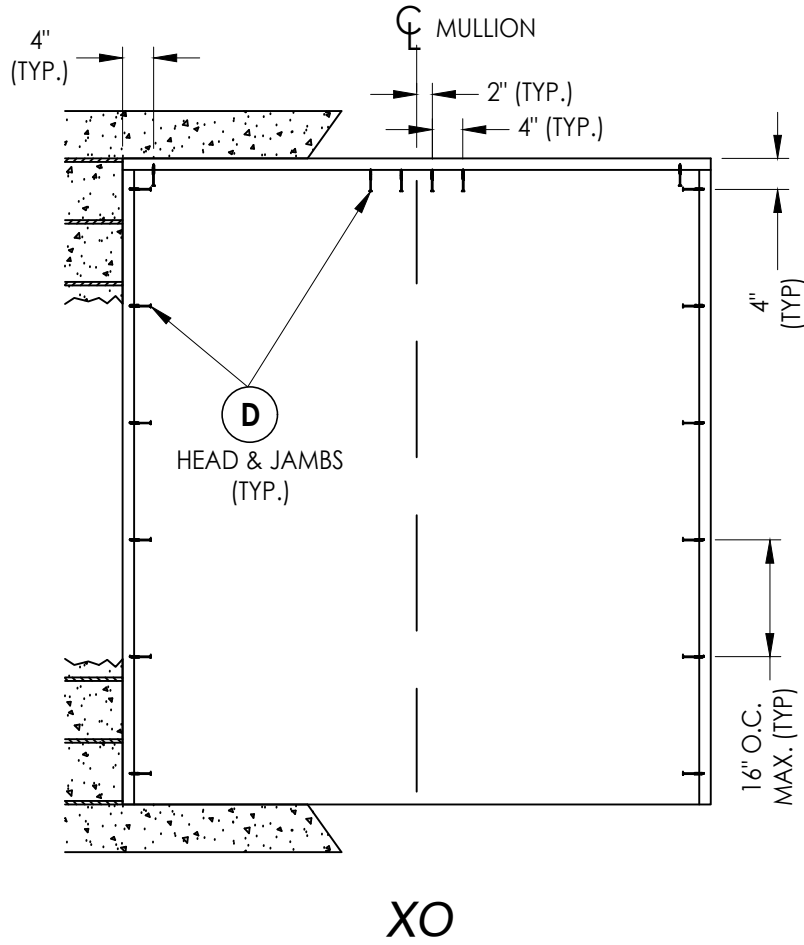
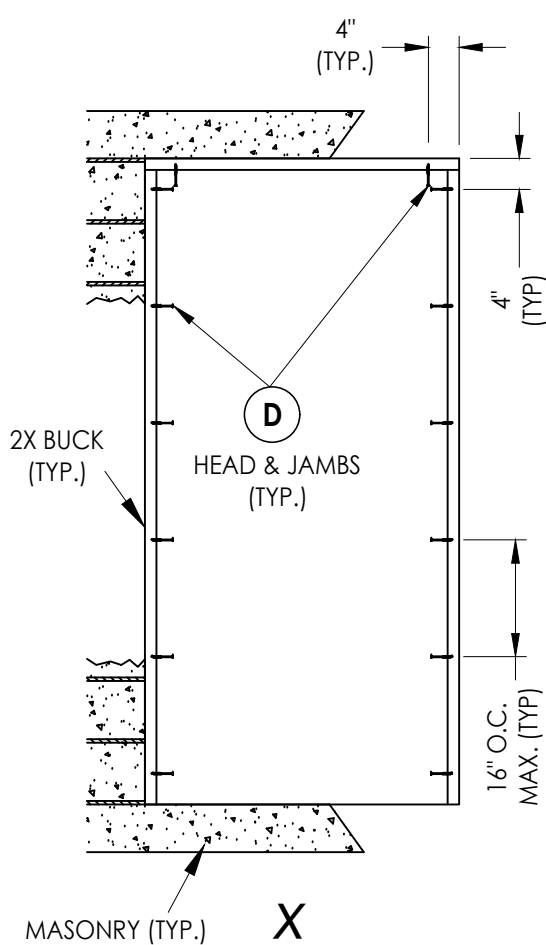
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14094.1

SHEET 6 OF 9



2X BUCK ANCHORING

| NO. | DATE    | REVISIONS                |     |     |     |
|-----|---------|--------------------------|-----|-----|-----|
|     |         | DATE                     | BY  | JK  | LFS |
| 3   | 7/06/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |     |
| 2   | 7/06/20 | UPDATE TO 7TH ED. (2020) | FBC | LFS |     |
| 1   | 8/2/17  | UPDATE TO 6TH ED. (2017) | FBC | JK  |     |

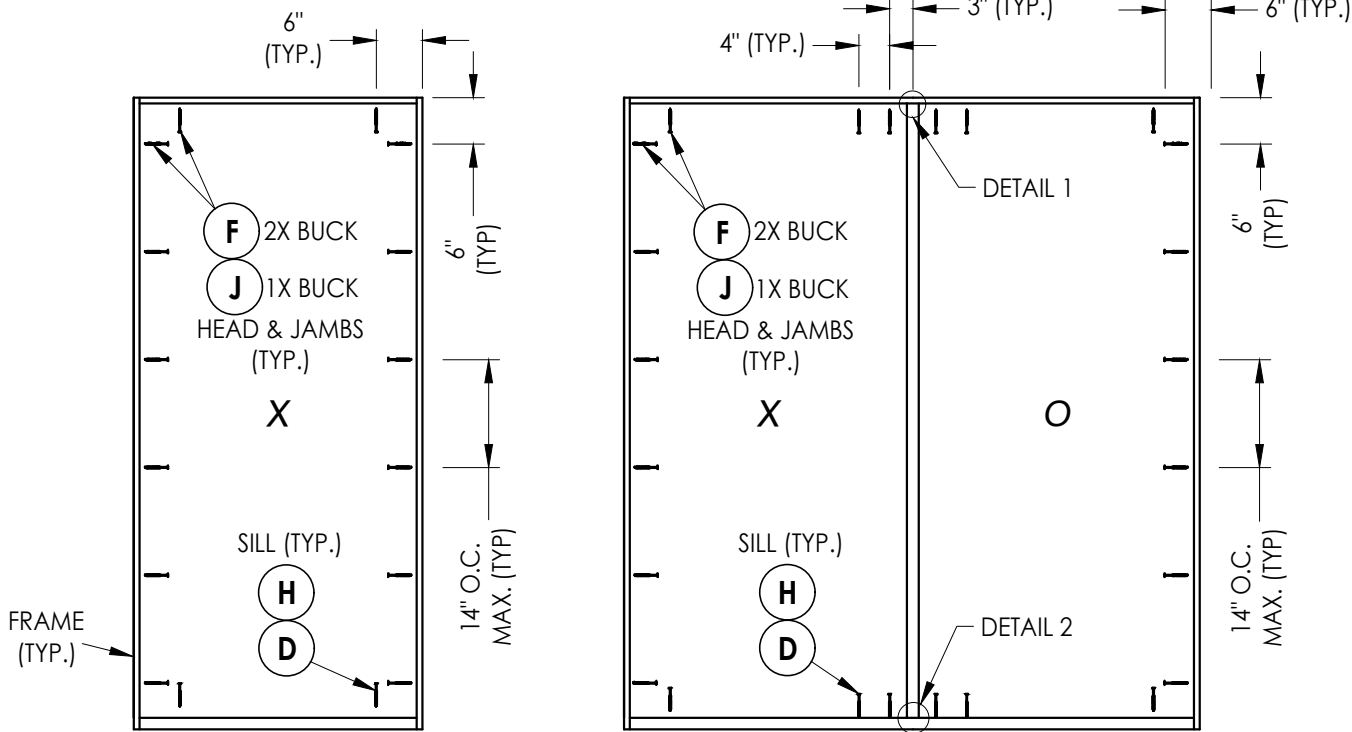
|              |            |
|--------------|------------|
| DATE:        | 6/15/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-14094.1 |
| SHEET        | 7 OF 9     |

|          |                                     |
|----------|-------------------------------------|
| PRODUCT: | WINCORE<br>FIBERGLASS DOOR          |
|          | PART OR ASSEMBLY:<br>BUCK ANCHORING |

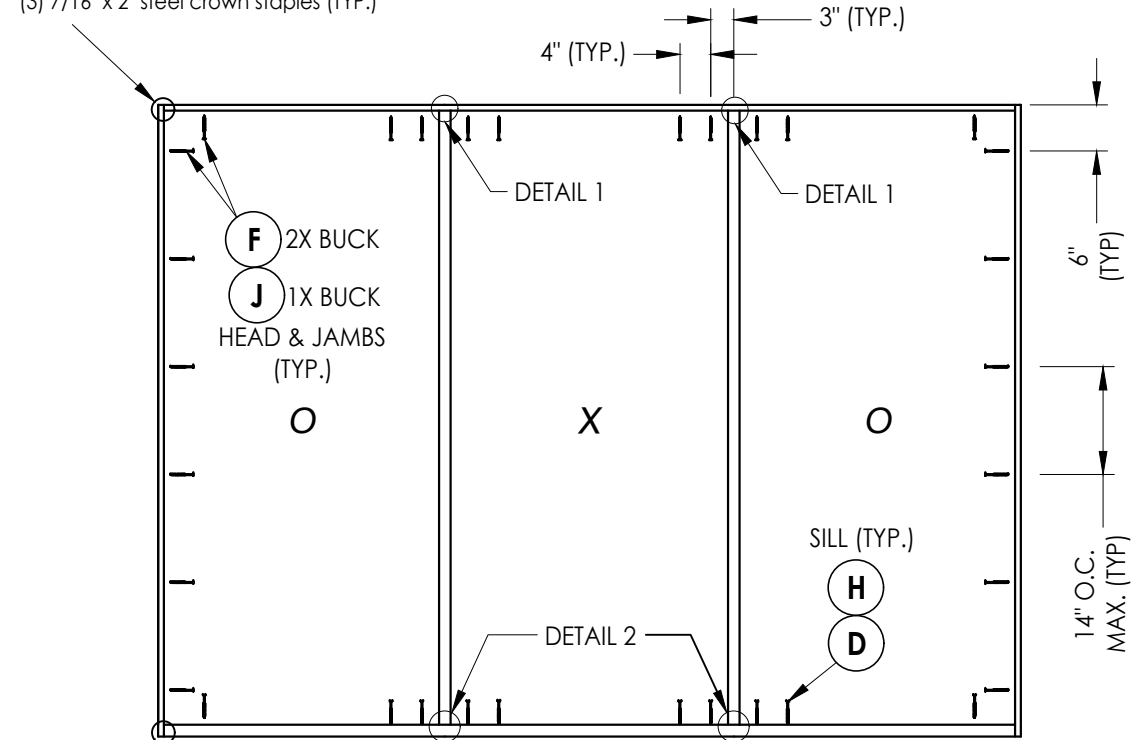
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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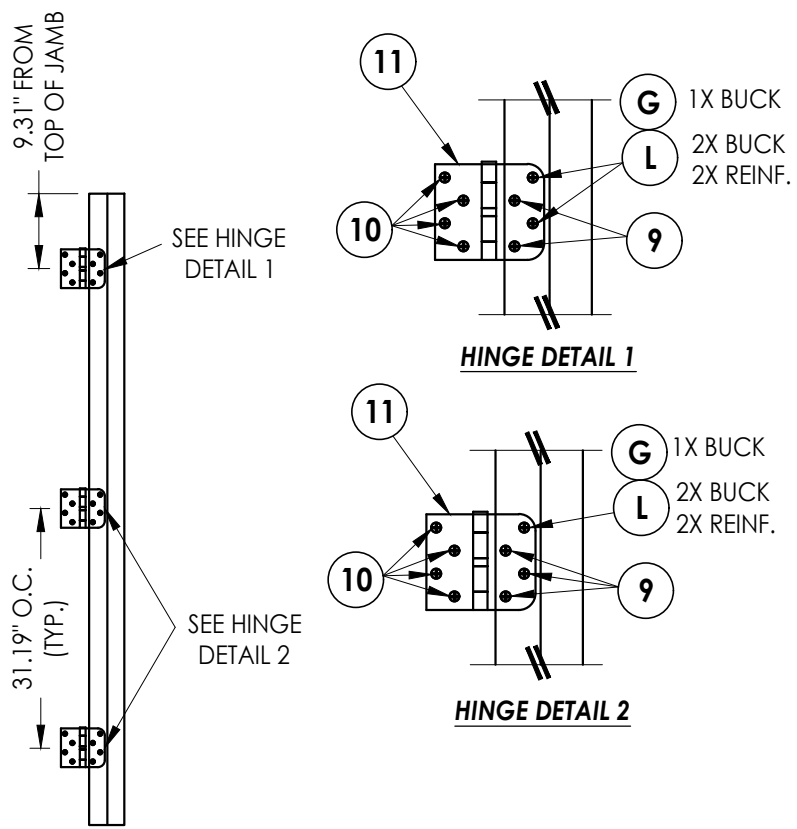


The head is attached to the jamb w/  
(3) 7/16" x 2" steel crown staples (TYP.)

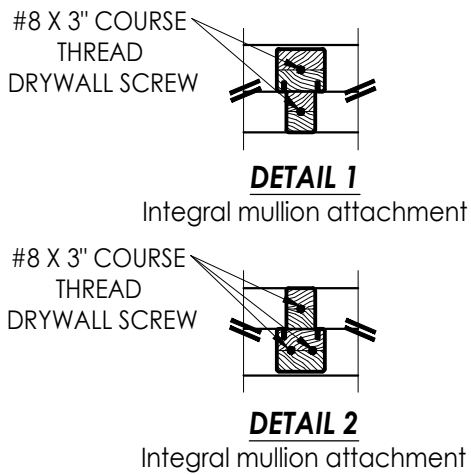


The threshold is attached to the jamb w/ (3) 7/16" x 2" steel crown staples & (1) #8 x 1-5/8" wood screw (TYP.)

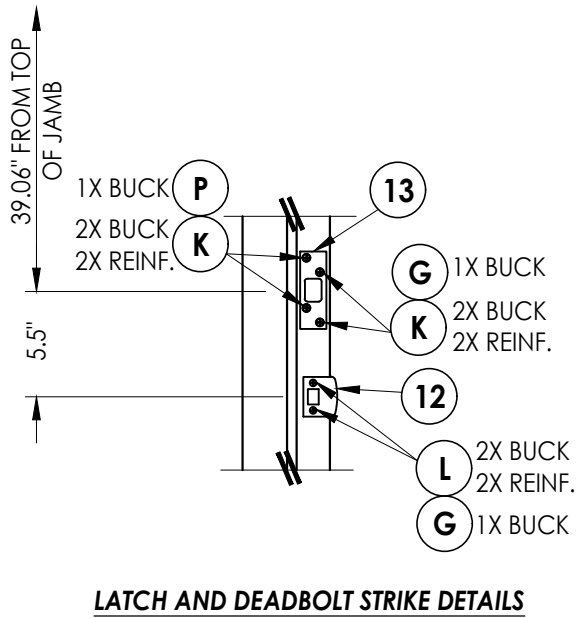
## FRAME ANCHORING



### HINGE JAMB



## HARDWARE DETAILS

[illegible]

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

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FBPE Registry No. 9813

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| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 1X BUCK (G >= 0.42)                                                                            | WOOD      |
| B                 | 2X BUCK (G >= 0.42)                                                                            | WOOD      |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  |
| F                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL     |
| G                 | 3/16" X 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL     |
| H                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| K                 | #8 X 3" PFH WOOD SCREW                                                                         | STEEL     |
| L                 | #8 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL     |
| M                 | #8 X 2-1/2" PFH COURSE THREAD DRYWALL SCREW                                                    | STEEL     |
| P                 | #10 X 1-3/4" PFH WOOD SCREW                                                                    | STEEL     |
| 1                 | FINGER JOINT PINE JAMB (G >= 0.42)                                                             | WOOD      |
| 2                 | INTEGRAL MULLION (ENDURA FATBOY - PINE, G >= 0.42)                                             | WOOD      |
| 7                 | WEATHERSTRIP (ENDURA)                                                                          | FOAM      |
| 8                 | DOOR BOTTOM SWEEP                                                                              | VINYL     |
| 9                 | #8 X 3/4" PFH WOOD SCREW                                                                       | STEEL     |
| 10                | #8 X 1" PFH WOOD SCREW                                                                         | STEEL     |
| 11                | 4" X 4" BUTT HINGE                                                                             | STEEL     |
| 12                | LATCH STRIKE PLATE                                                                             | STEEL     |
| 13                | DEADBOLT STRIKE PLATE (SECURITY)                                                               | STEEL     |
| 20                | INSWING THRESHOLD                                                                              | ALUM/COMP |
| 21                | INSWING THRESHOLD w/ SIDELITE ADAPTER                                                          | ALUM/COMP |
| 22                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 23                | OUTSWING THRESHOLD w/ SIDELITE ADAPTER                                                         | ALUM/COMP |
| 40                | DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS                                           | -         |
| 50                | SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS                                   | -         |

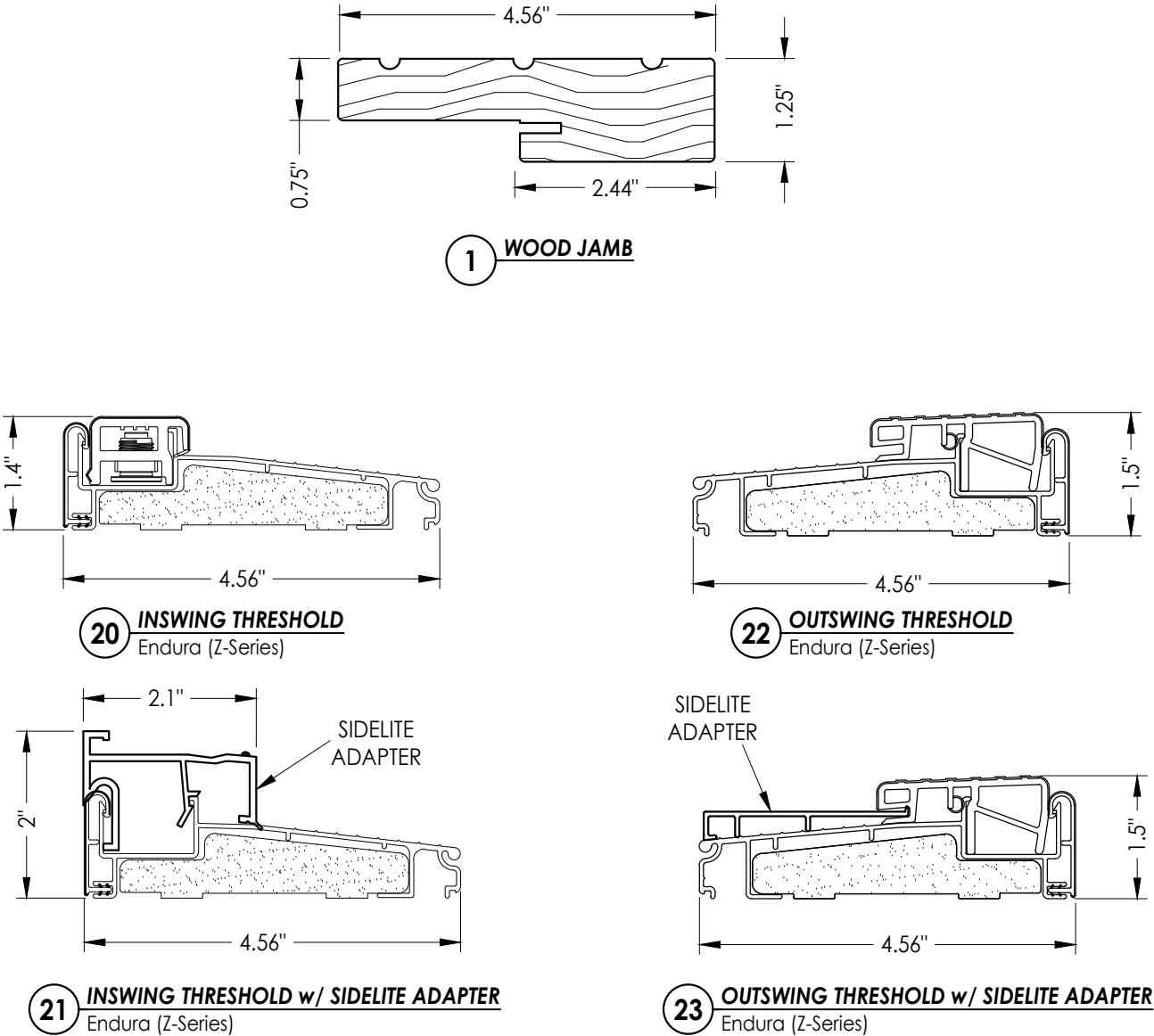
CONCRETE ANCHOR NOTES:

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

| ANCHOR TYPE         | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|---------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW BUILDEX TAPCON® | 3/16"       | 1-1/4"         | 3"                             | 1-1/2"                            |
|                     | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRACON®    | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

WOOD SCREW INSTALLATION NOTES:

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



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

WINCORE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

REVISIONS

| NO. | DATE    | BY  |
|-----|---------|-----|
| 3   | 7/06/23 | LFS |
| 2   | 7/06/20 | LFS |
| 1   | 8/2/17  | JK  |

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

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