

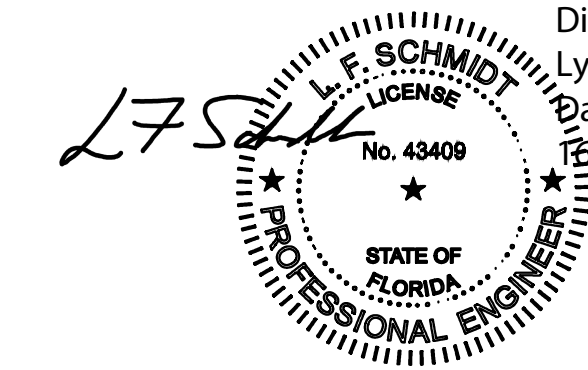


OPAQUE FIBERGLASS ENTRY DOORS  
SINGLE  
INSWING / OUTSWING  
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

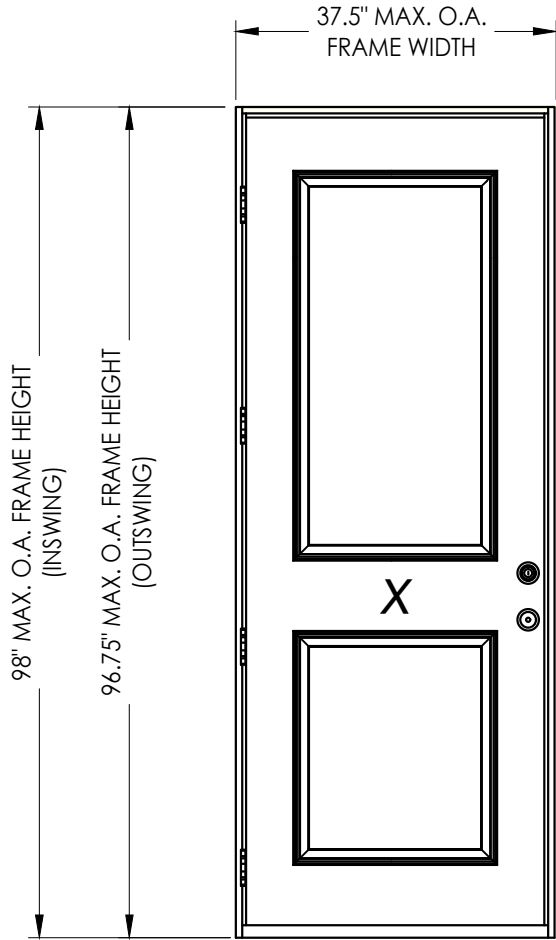
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| 6                 | Vertical Cross Sections (Thresholds)                     |
| 7                 | Buck & Frame Anchoring & Hardware Details                |
| 8                 | Bill of Materials & Components                           |



Digitally signed by  
Lyndon F Schmidt  
Date: 2025.06.17  
16:36:04 -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



| CONFIGURATION | MAX.<br>FRAME<br>DIMENSION | DESIGN PRESSURE (PSF) |          | DESIGN PRESSURE (PSF) |          |
|---------------|----------------------------|-----------------------|----------|-----------------------|----------|
|               |                            | INSWING               |          | OUTSWING              |          |
|               |                            | POSITIVE              | NEGATIVE | POSITIVE              | NEGATIVE |
| X             | 37.5" x 98.0"              | +60.0                 | -60.0    | +60.0                 | -60.0    |

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

TRIMLITE  
FIBERGLASS DOORS

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

NO.

DATE

BY

REVISIONS

DATE: 6/17/25

SCALE: N.T.S.

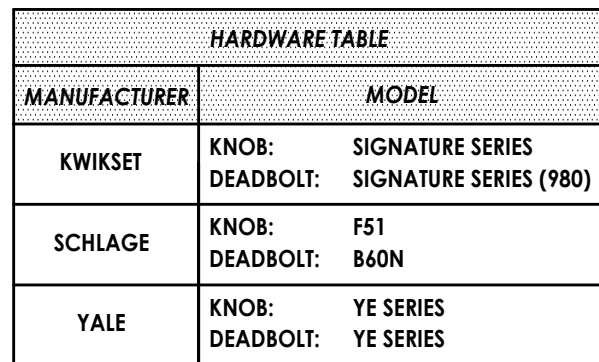
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-46830.7

SHEET 1 OF 8

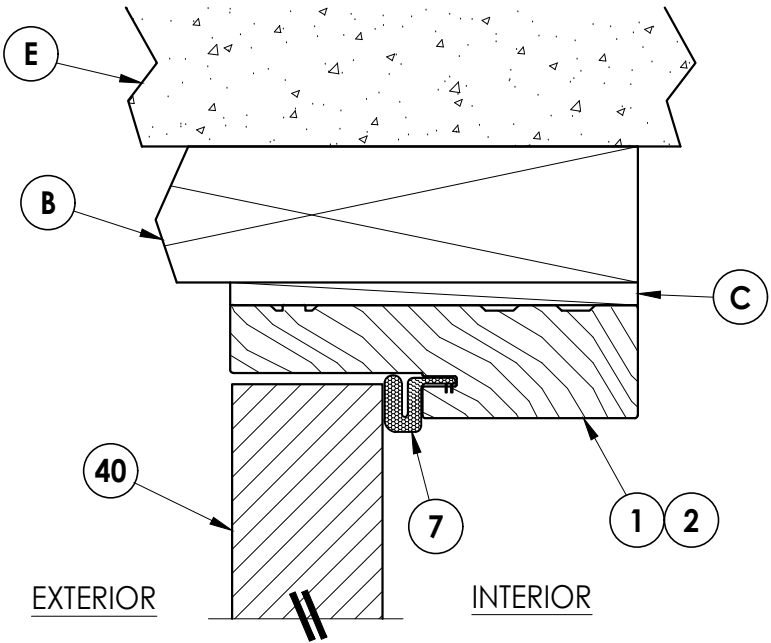
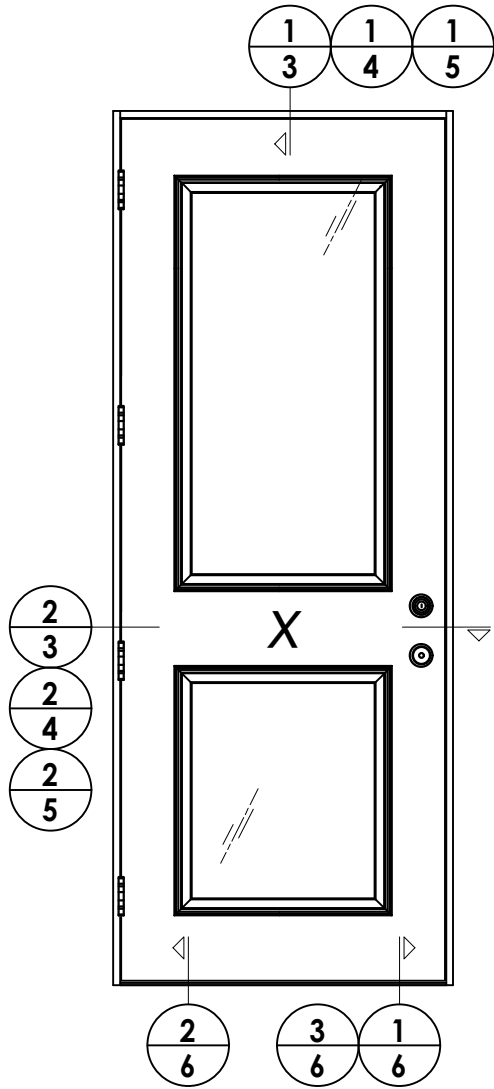
RW  
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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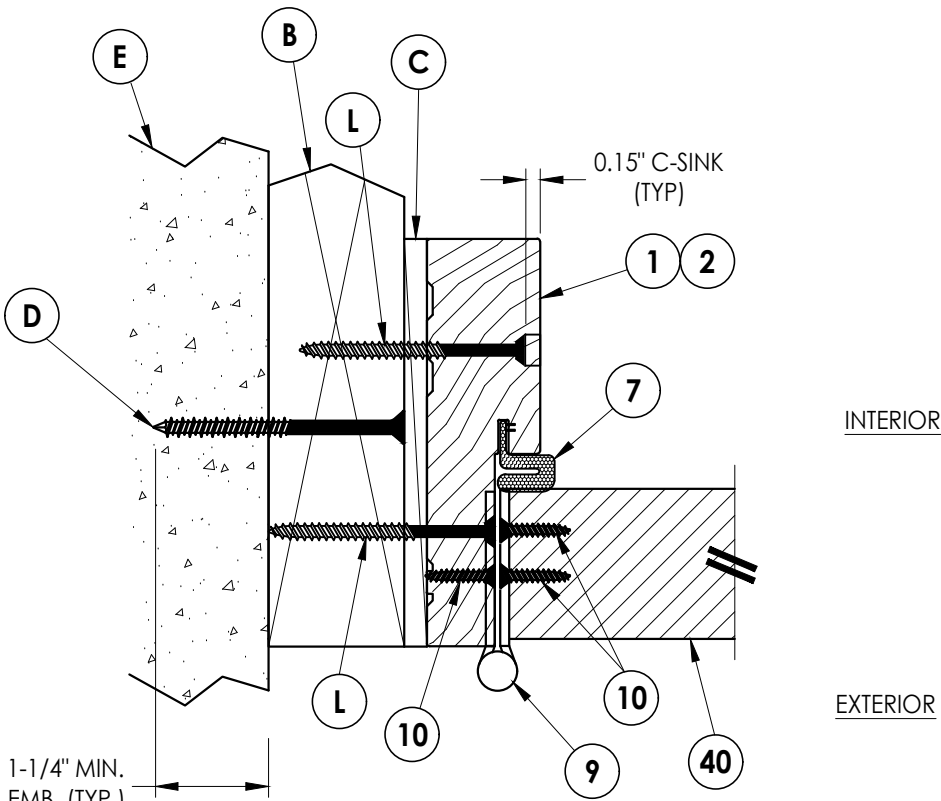
Documents Prepared By:  
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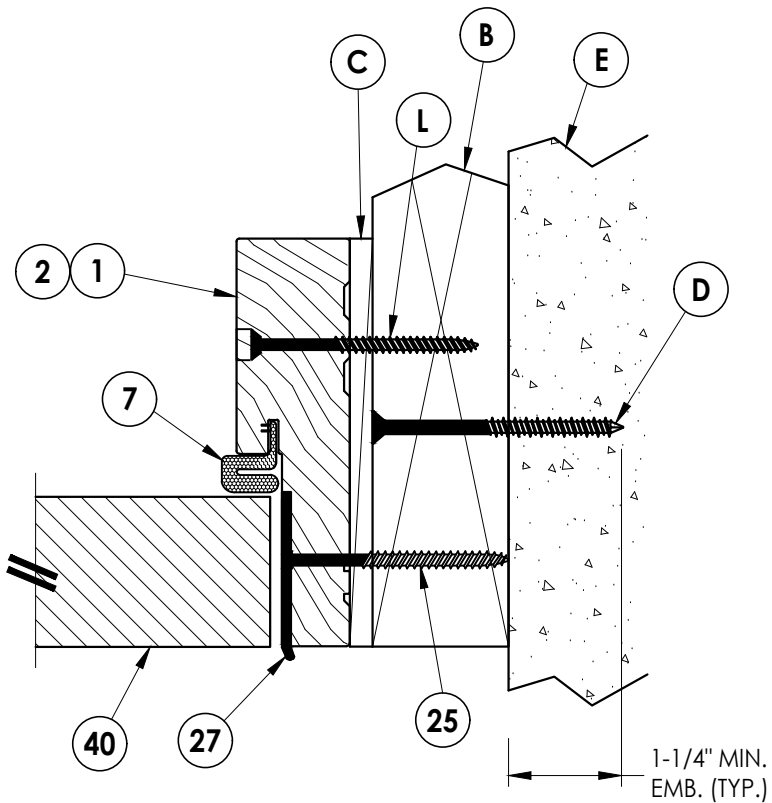
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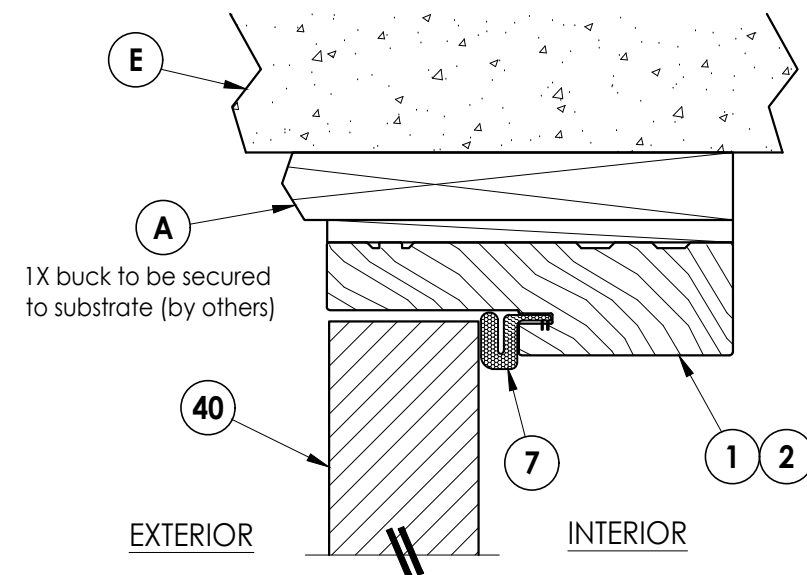
1 VERTICAL CROSS SECTION  
3 Outswing shown (Inswing similar)



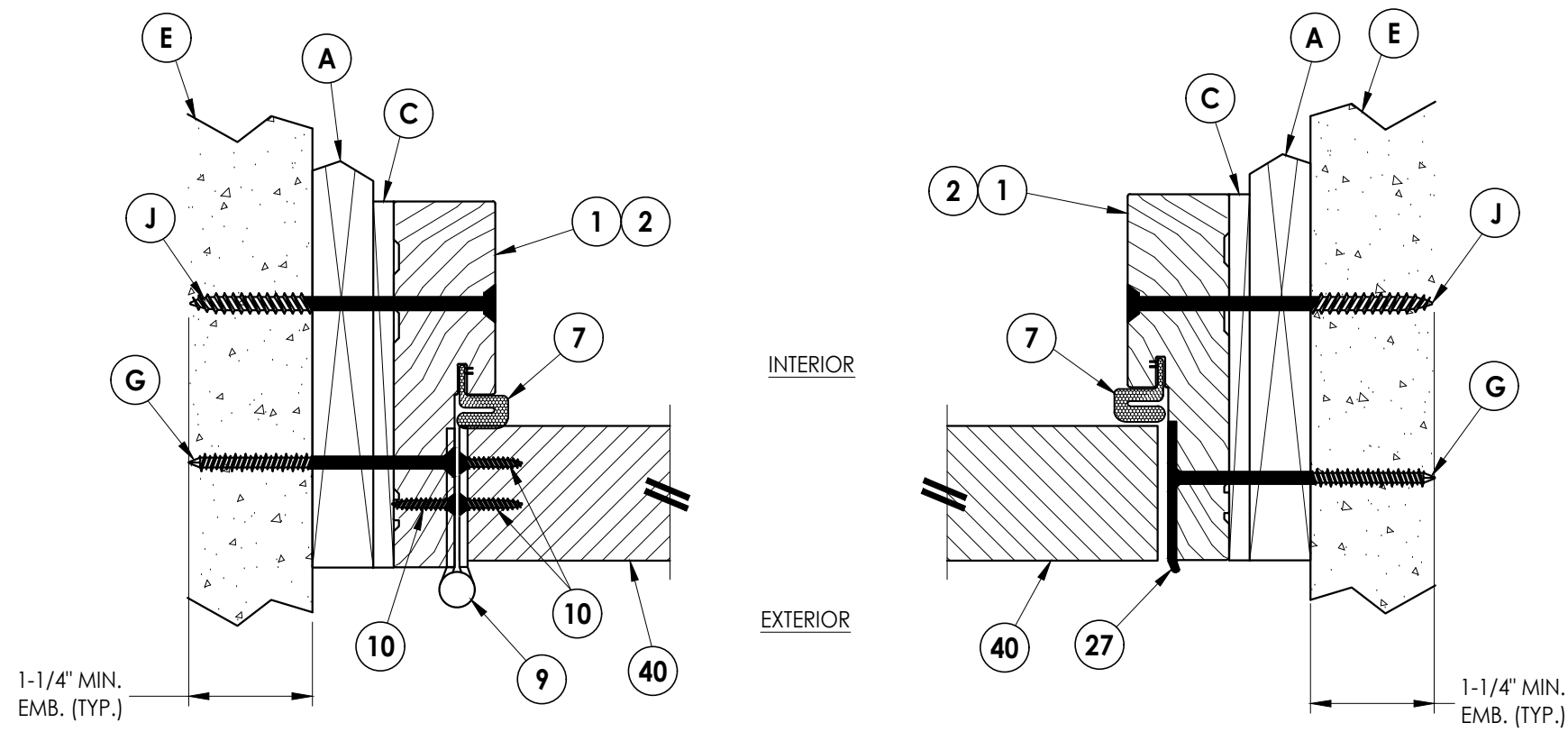
2 HORIZONTAL CROSS SECTION  
3 Outswing shown (Inswing similar)



|                                                               |  |                                                                                                                                         |  |
|---------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | <div><i>RW</i></div> 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>TRIMLITE<br><br>FIBERGLASS DOORS              |  | PART OR ASSEMBLY:<br><br>HORIZONTAL & VERTICAL<br>CROSS SECTIONS (2X BUCK)                                                              |  |
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### 1 4 **VERTICAL CROSS SECTION** Outswing shown (Inswing similar)

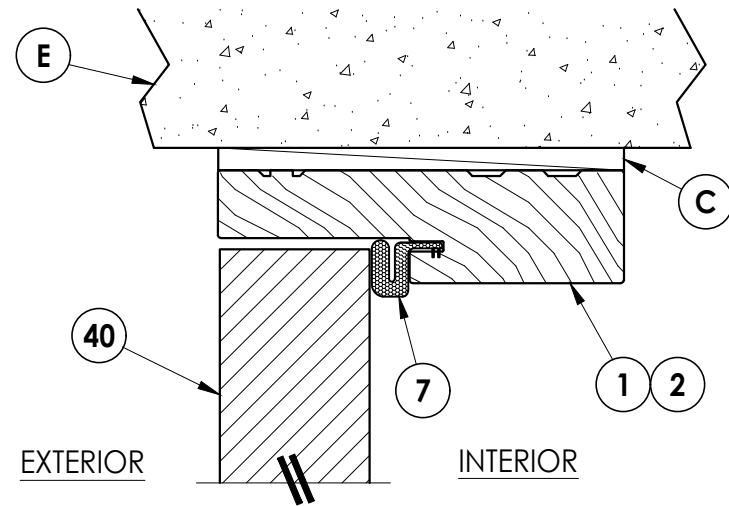


**2** **HORIZONTAL CROSS SECTION**  
**4** Outswing shown (Inswing similar)

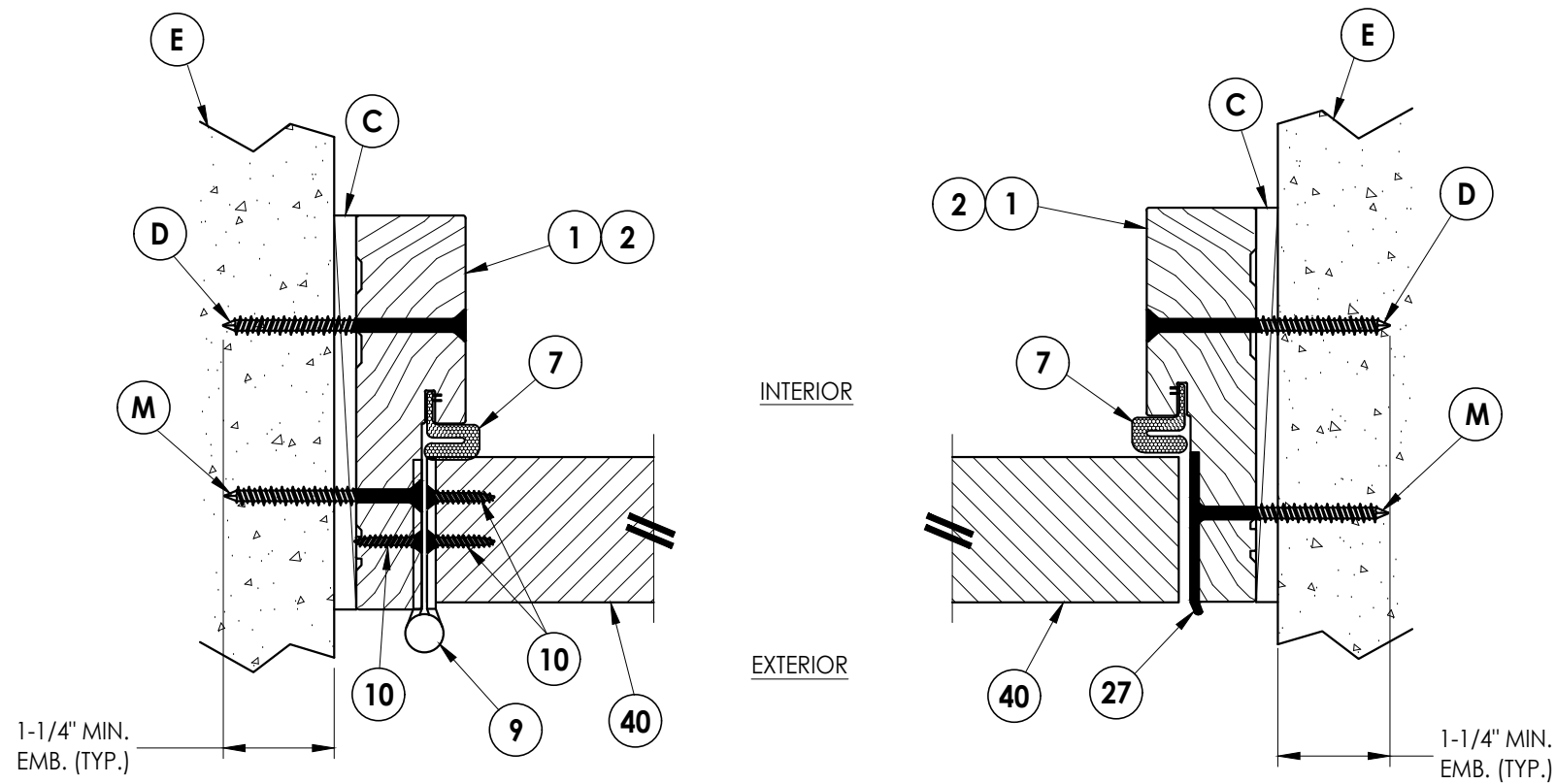
[illegible]

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

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



**1** **VERTICAL CROSS SECTION**  
**5** Outswing shown (Inswing similar)



## 2 HORIZONTAL CROSS SECTION

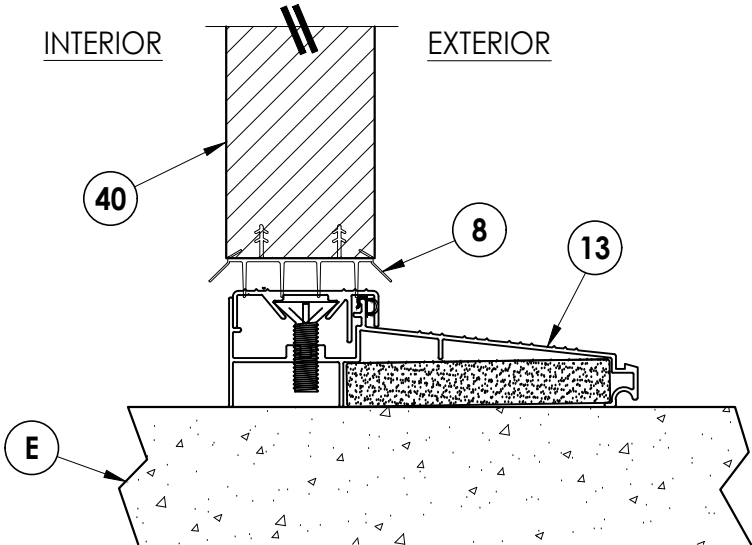
### 5 Outswing shown (Inswing similar)

[illegible]

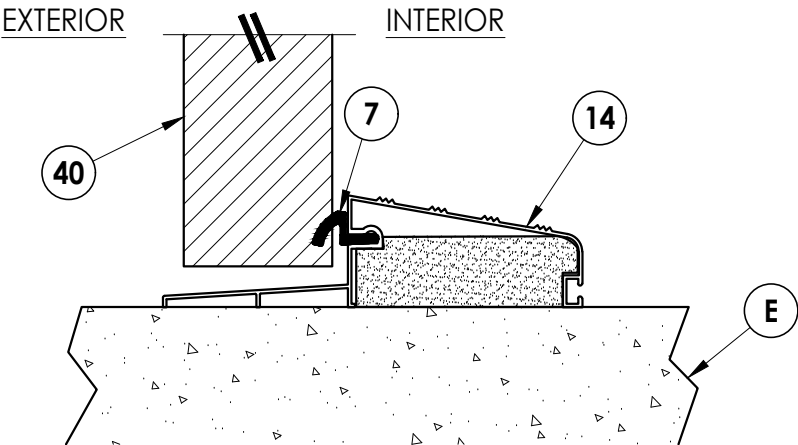
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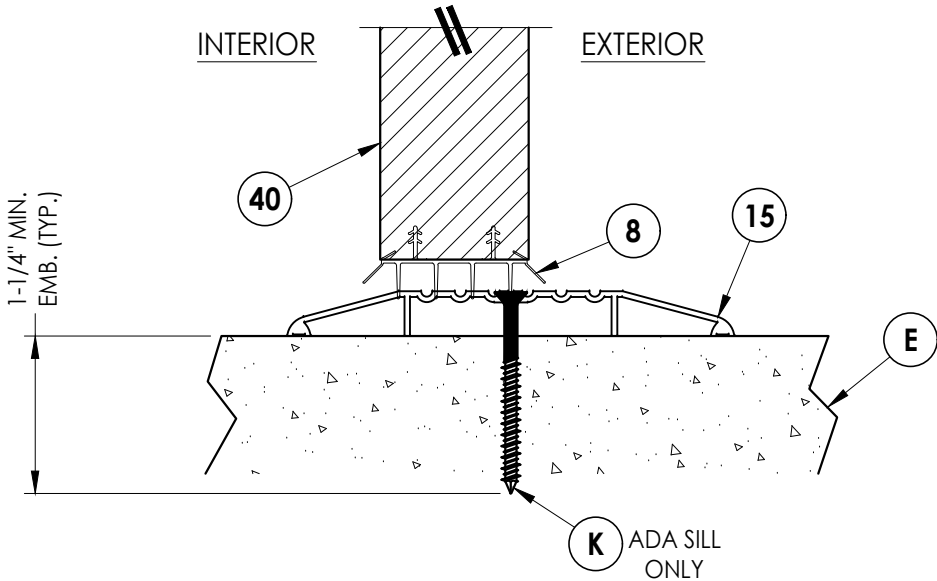
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1  
6 VERTICAL CROSS SECTION  
Inswing Threshold



2  
6 VERTICAL CROSS SECTION  
Outswing Threshold



3  
6 VERTICAL CROSS SECTION  
ADA Threshold

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

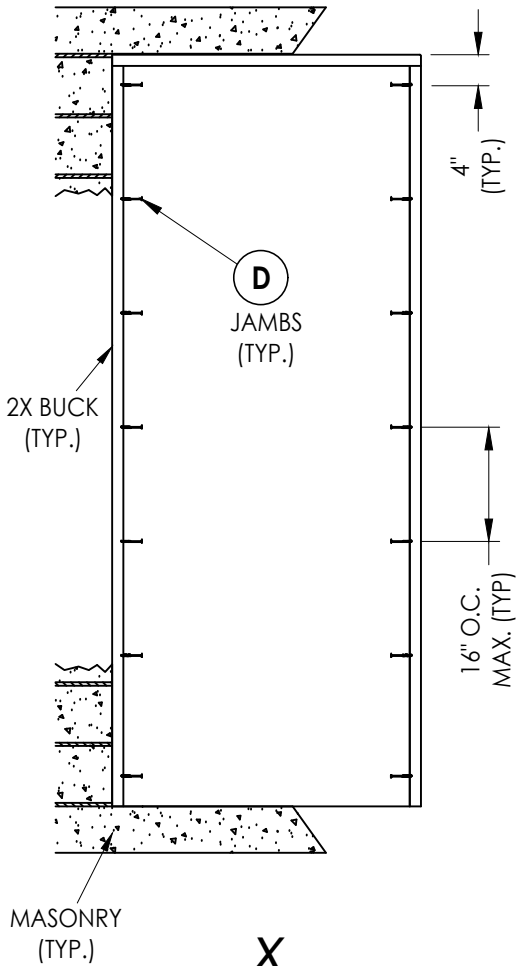
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

|          |                                                              |  |
|----------|--------------------------------------------------------------|--|
| PRODUCT: | TRIMLITE<br>FIBERGLASS DOORS                                 |  |
|          | PART OR ASSEMBLY:<br>VERTICAL CROSS<br>SECTIONS (THRESHOLDS) |  |

| REVISIONS |      | BY |
|-----------|------|----|
| NO.       | DATE |    |
|           |      |    |
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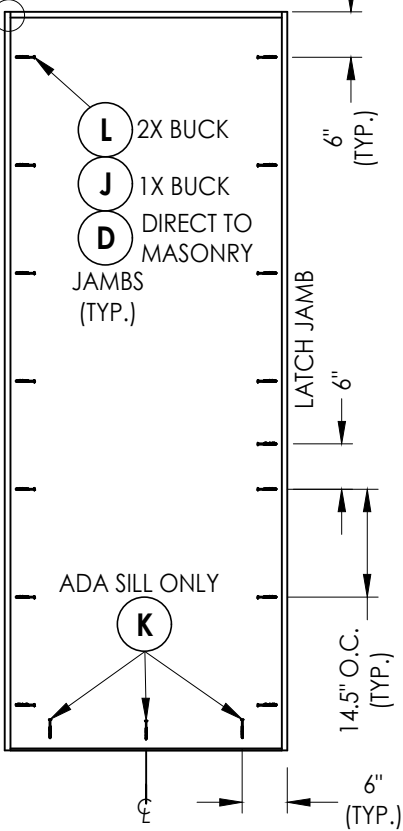
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| DATE:        | 6/17/25    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | RW         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-46830.7 |
| SHEET        | 6 OF 8     |

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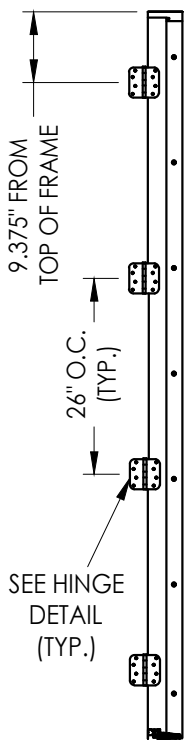


**2X BUCK ANCHORING**

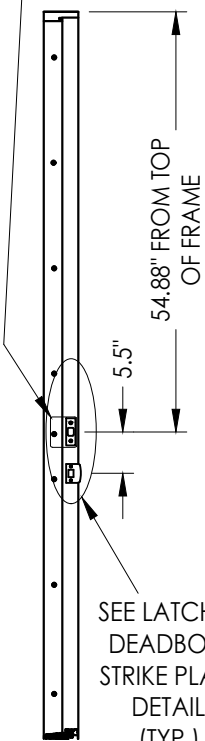
FRAME CORNERS ATTACHED w/  
#7 X 2" DRYWALL SCREWS:  
(2) @ HEAD & (2) @ SILL (TYP.)



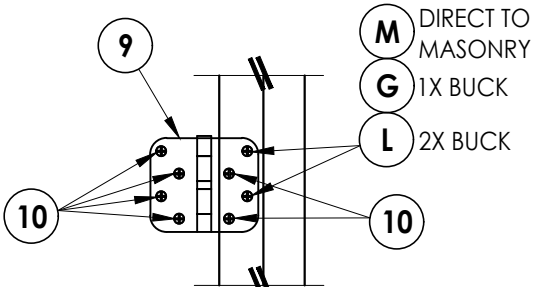
**FRAME ANCHORING**



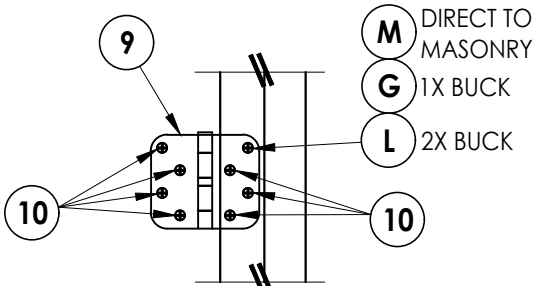
**HINGE JAMB**



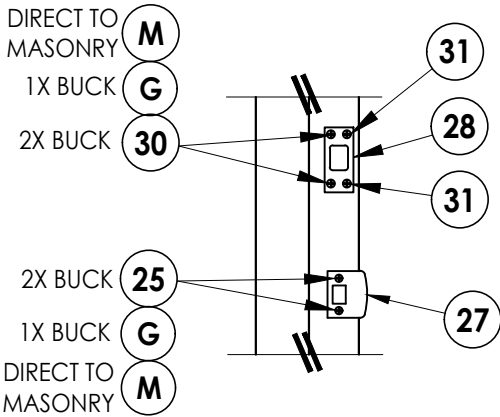
**STRIKE JAMB**



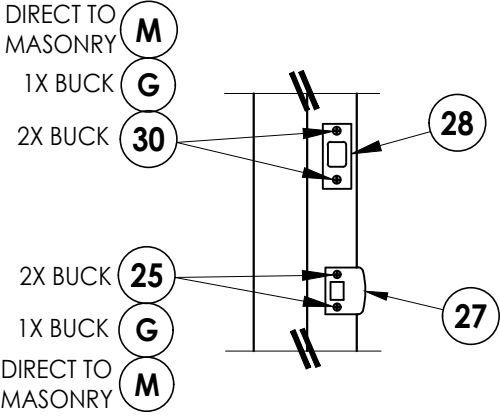
**HINGE DETAIL  
INSWING**



**HINGE DETAIL  
OUTSWING**



**KWIKSET HARDWARE**



**SCHLAGE/YALE HARDWARE**

**LATCH & DEADBOLT STRIKE PLATE DETAILS**

**HARDWARE DETAILS**

Documents Prepared By:  
Lyndon F. Schmidt  
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**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: TRIMLITE  
FIBERGLASS DOORS

PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING  
& HARDWARE DETAILS

| NO. | DATE | BY | REVISIONS |
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DATE: 6/17/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-46830.7

SHEET 7 OF 8

