



The diagram illustrates the horizontal cross section of the door assembly. It shows the exterior and interior views, with dimensions and component labels.

**Dimensions:**

- 2.37"
- 1.58"
- 0.28"

**Labels:**

- G1
- G2
- EXTERIOR
- INTERIOR
- LVL LOCK BLOCK (19.25" LONG)
- STILE (LVL)
- CAP (PVC COMP)

**1**  
**2** **HORIZONTAL CROSS SECTION**

| HARDWARE CHART |                                                            |  |
|----------------|------------------------------------------------------------|--|
| MANUFACTURER   | MODEL                                                      |  |
| KWIKSET        | KNOB: SIGNATURE SERIES<br>DEADBOLT: SIGNATURE SERIES (980) |  |
| SCHLAGE        | KNOB: F SERIES<br>DEADBOLT: B60 SERIES                     |  |

1.75"

1.45"

FIBERGLASS SKIN

TOP RAIL (PVC COMPOSITE)

EXTERIOR

INTERIOR

G1 G2

FOAM CORE

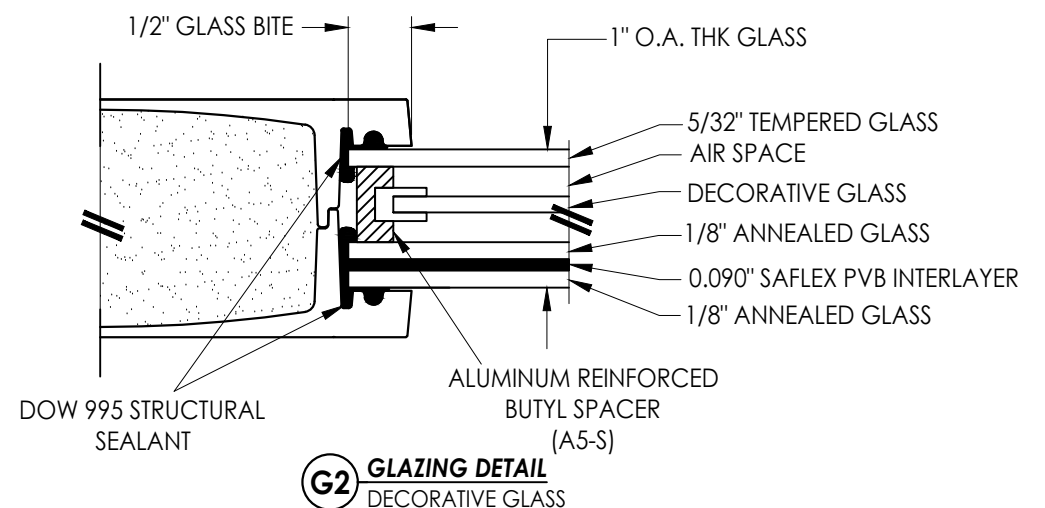
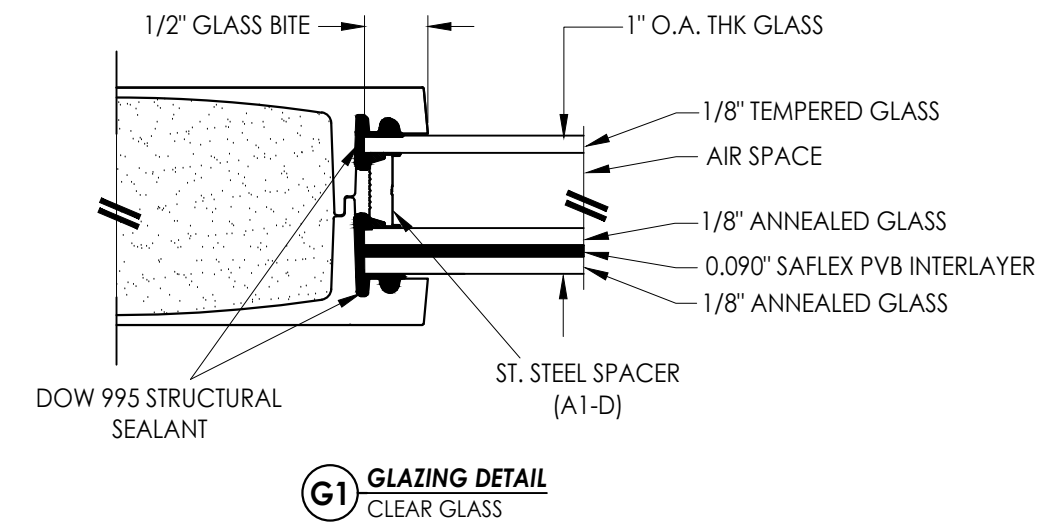
BOTTOM RAIL (PVC COMPOSITE)

1.5"

[illegible]

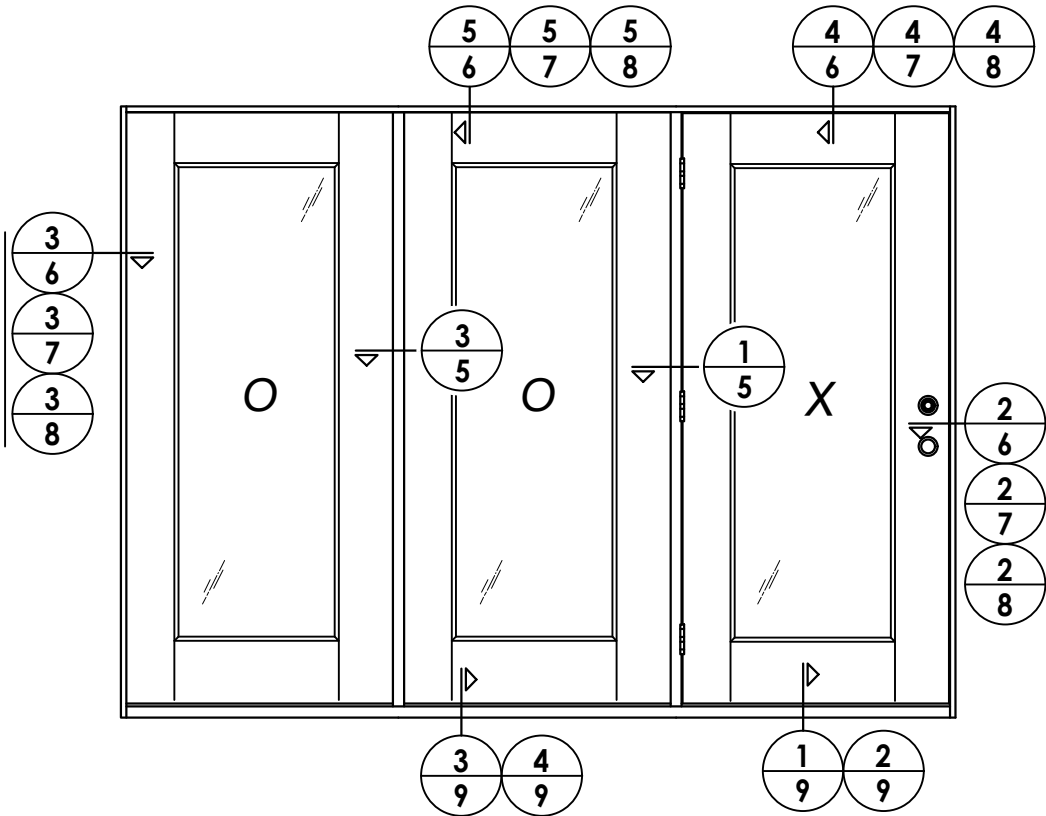
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

**2 VERTICAL CROSS SECTION**

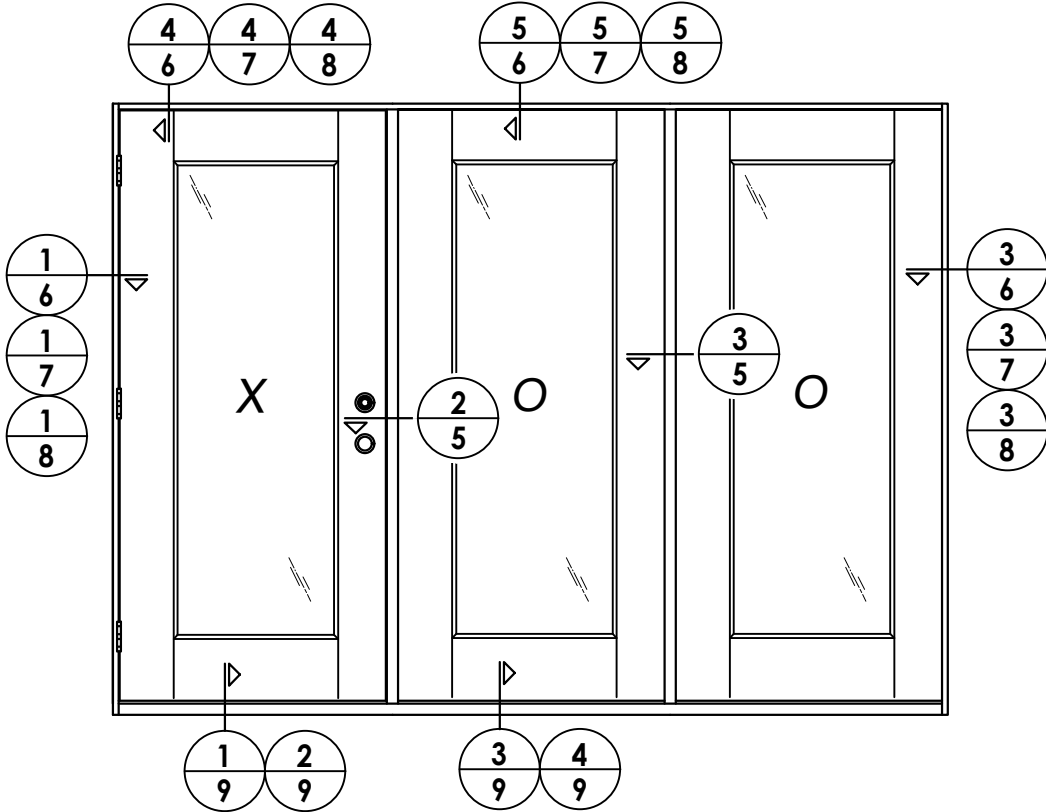
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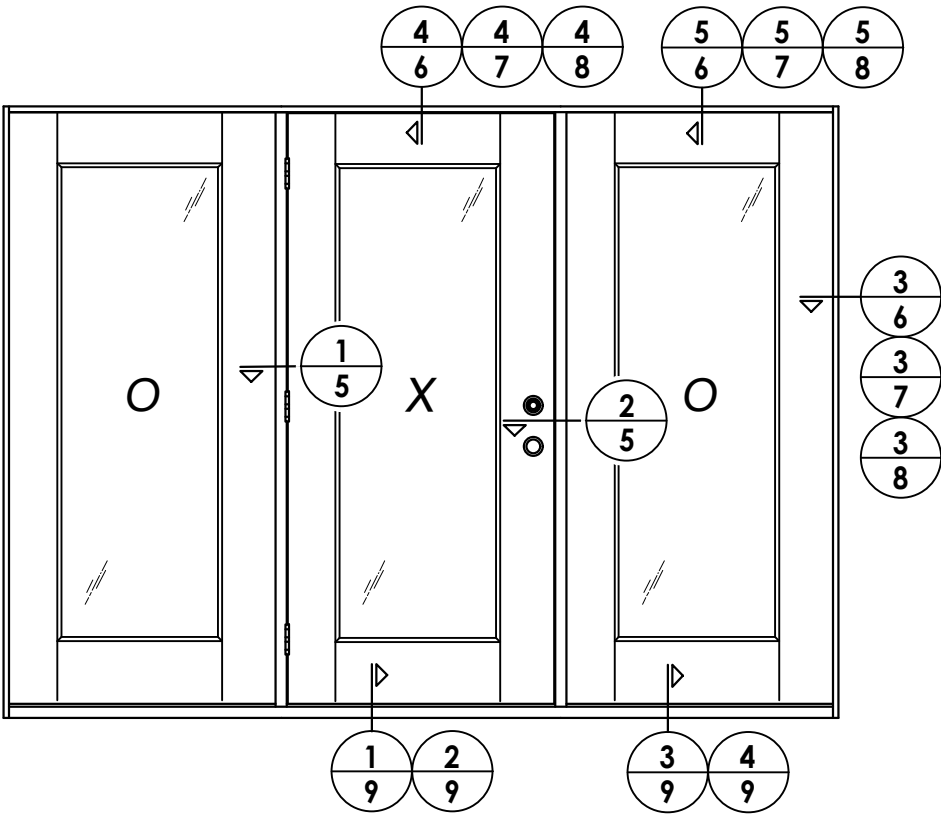
MIRRORED IMAGE



ELEVATION  
OOX / XOO (SHOWN)  
OX / XO (SIMILAR)  
(CENTER HINGED)



ELEVATION  
XOO / OOX (SHOWN)  
XO / OX (SIMILAR)



ELEVATION  
OXO

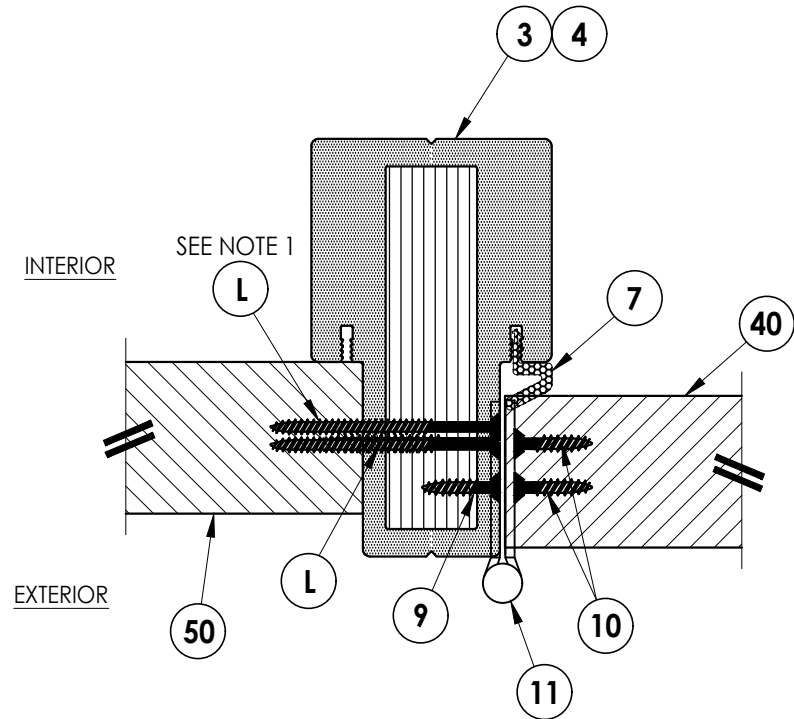
DATE: 1/30/25  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: FL-47284.7  
SHEET 4 OF 12

PRODUCT: TRINITY  
FIBERGLASS PATIO DOOR

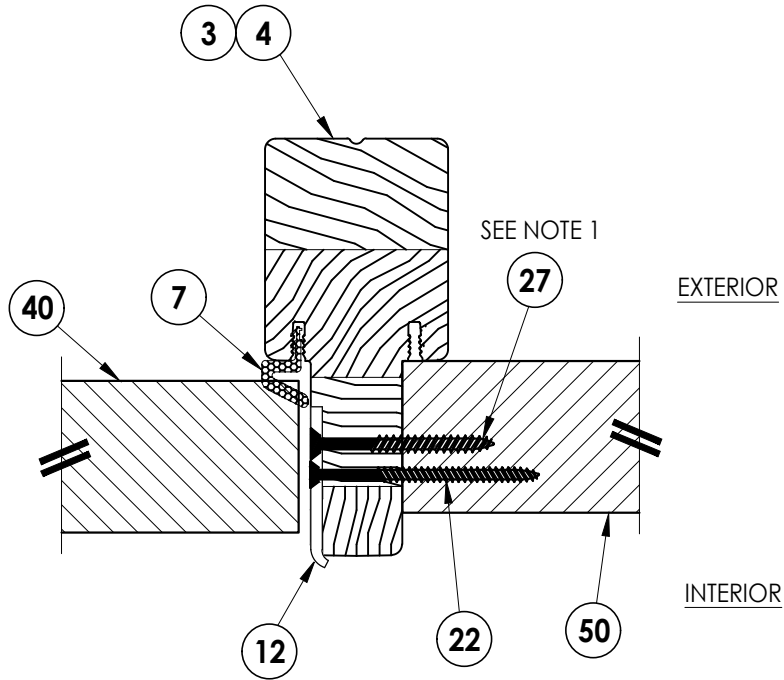
PART OR ASSEMBLY:  
ELEVATIONS

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

*RW* BUILDING CONSULTANTS, INC.  
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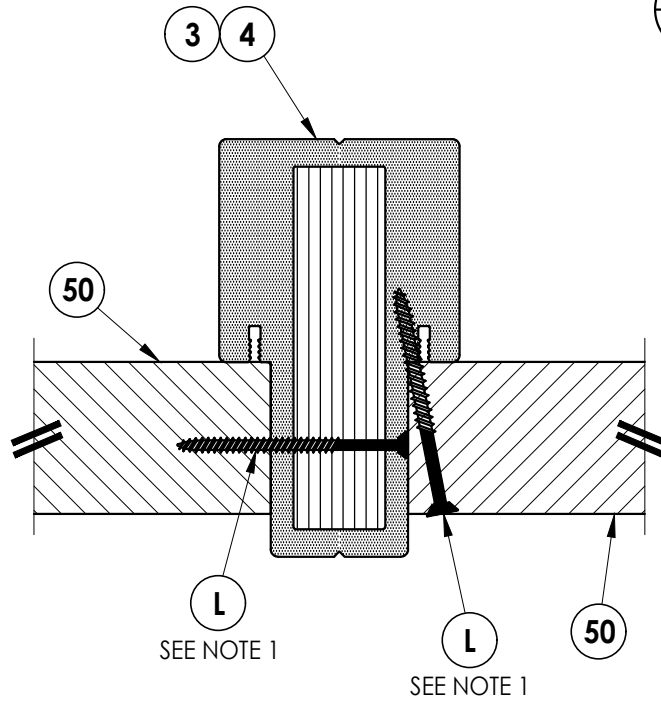


**1** **HORIZONTAL CROSS SECTION**  
**5** Outswing Shown (Inswing Similar)



## 2 HORIZONTAL CROSS SECTION

### 5 Outswing Shown (Inswing Similar)



**3 HORIZONTAL CROSS SECTION**  
**5** Outswing Shown (Inswing Similar)

Note:

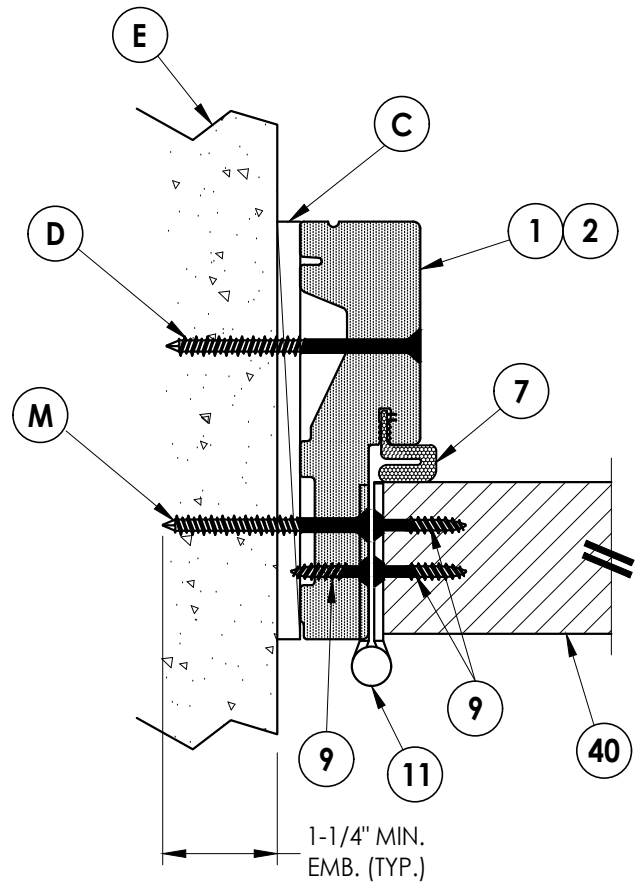
1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).

[illegible]

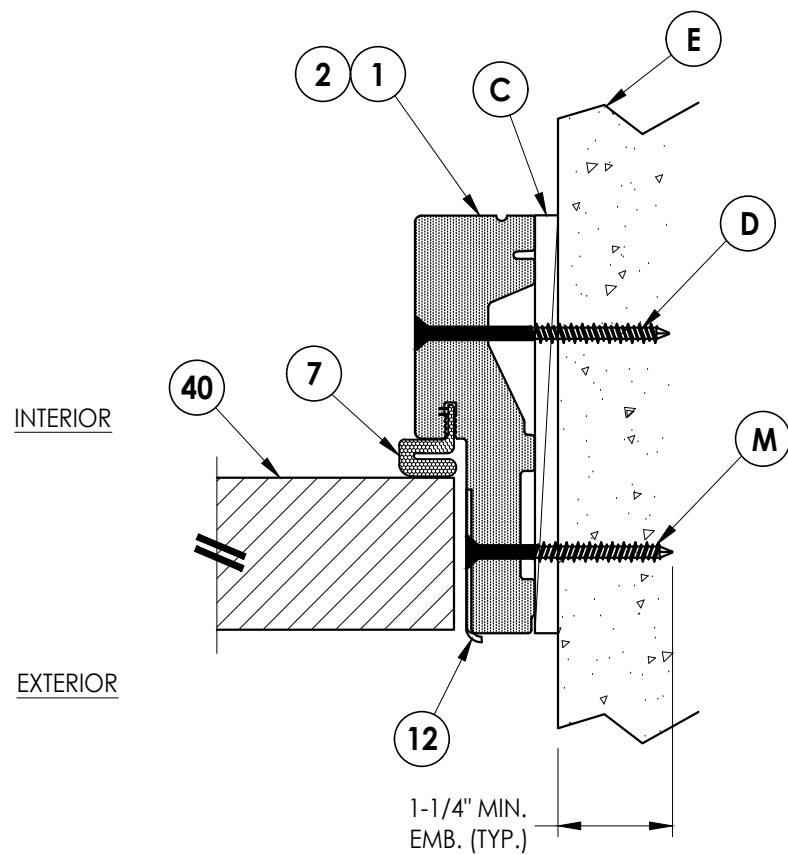




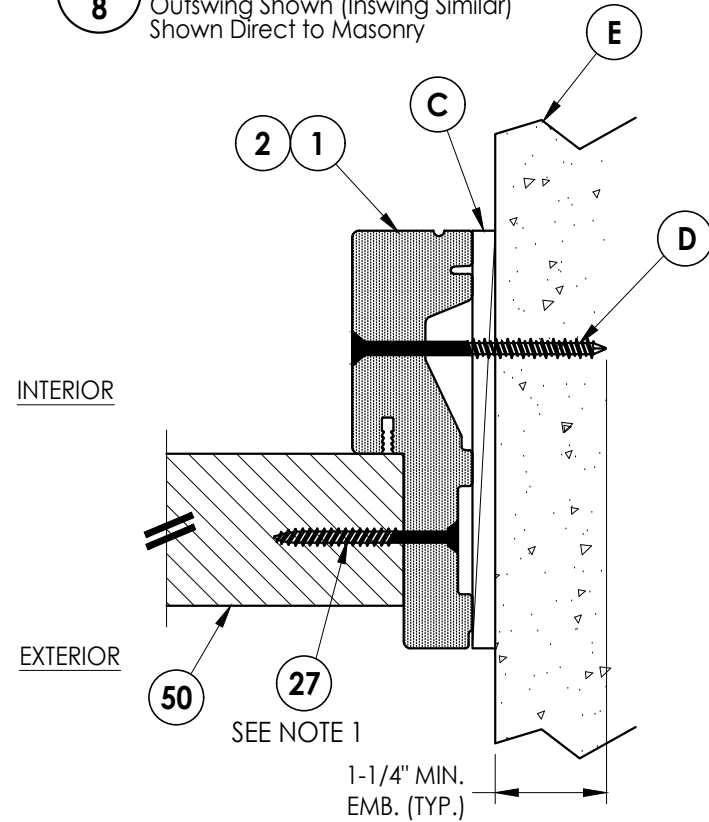
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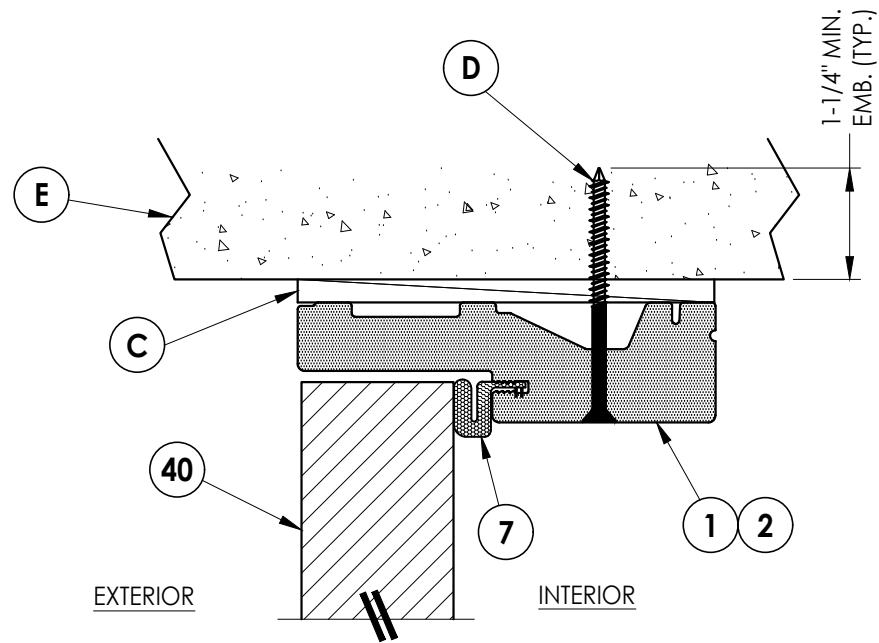
**1**  
**8** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry



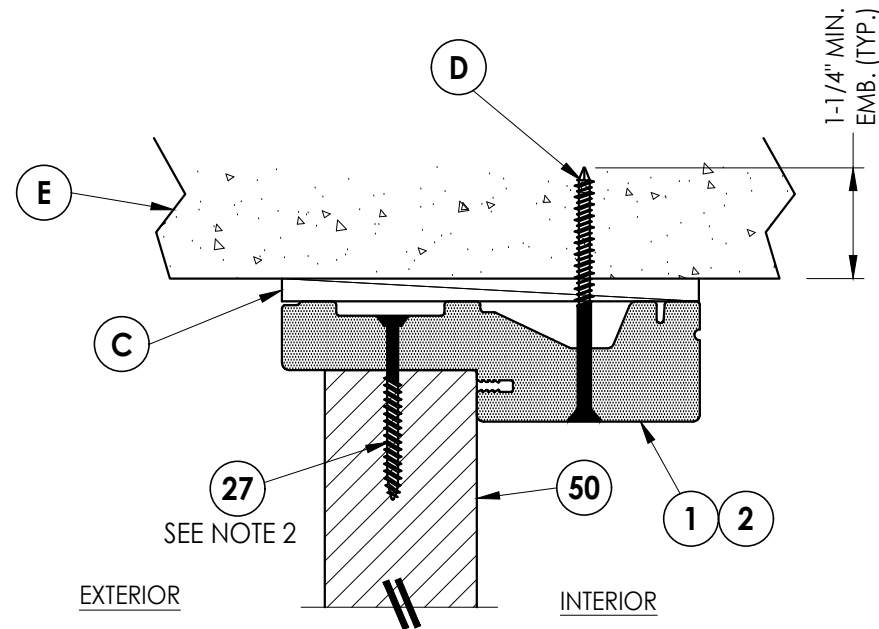
**2**  
**8** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry



**3**  
**8** **HORIZONTAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry



**4**  
**8** **VERTICAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry



**5**  
**8** **VERTICAL CROSS SECTION**  
Outswing Shown (Inswing Similar)  
Shown Direct to Masonry

Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).

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

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PRODUCT: TRINITY  
FIBERGLASS PATIO DOOR

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

| REVISIONS |  | NO. | DATE | BY |
|-----------|--|-----|------|----|
|           |  |     |      |    |
|           |  |     |      |    |
|           |  |     |      |    |
|           |  |     |      |    |

DATE: 1/30/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

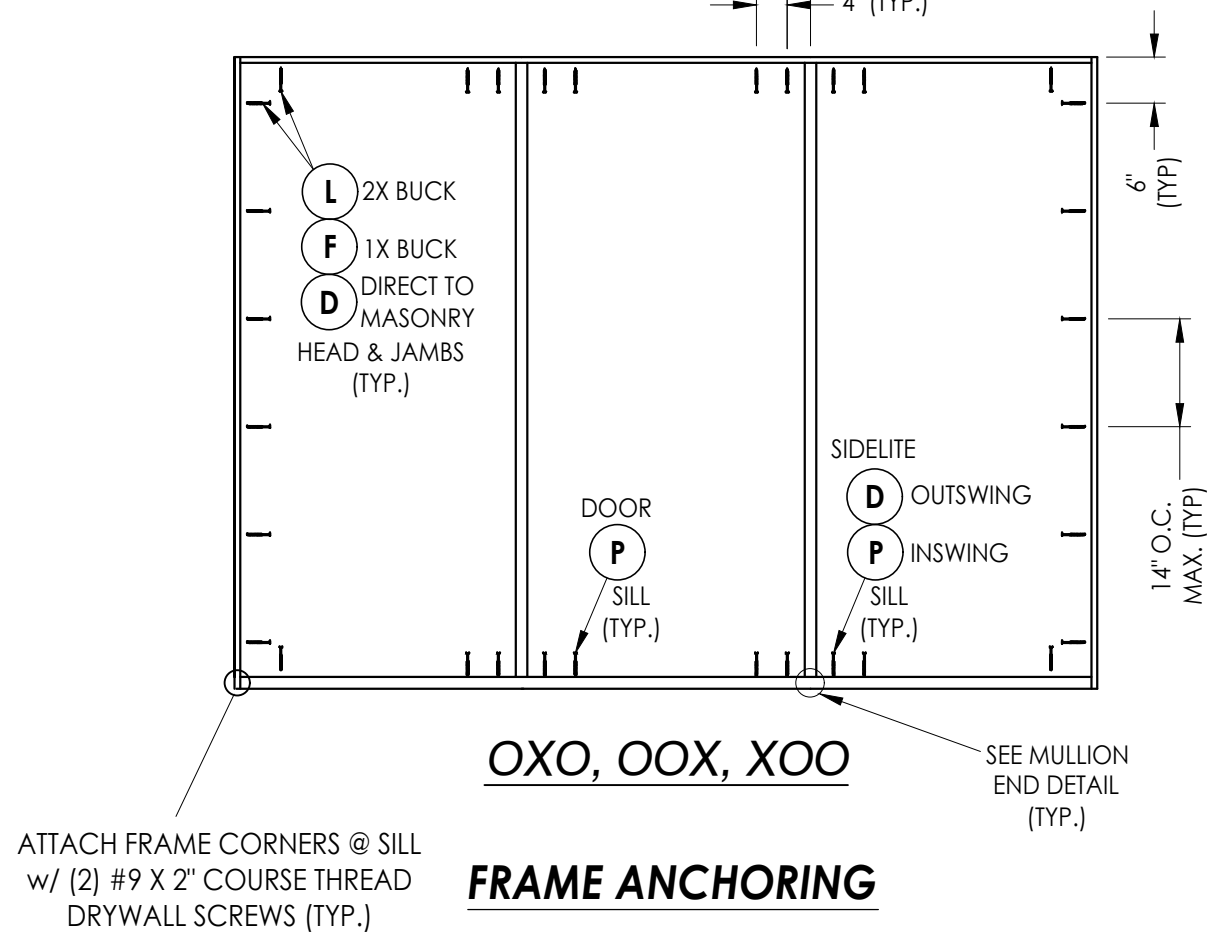
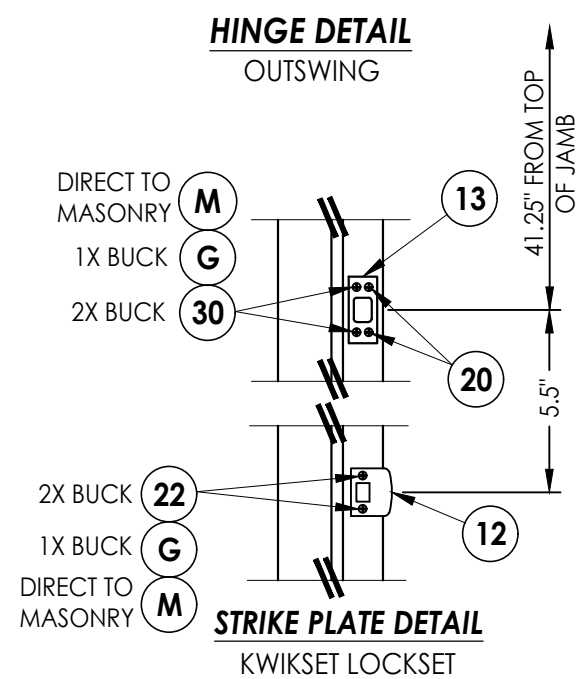
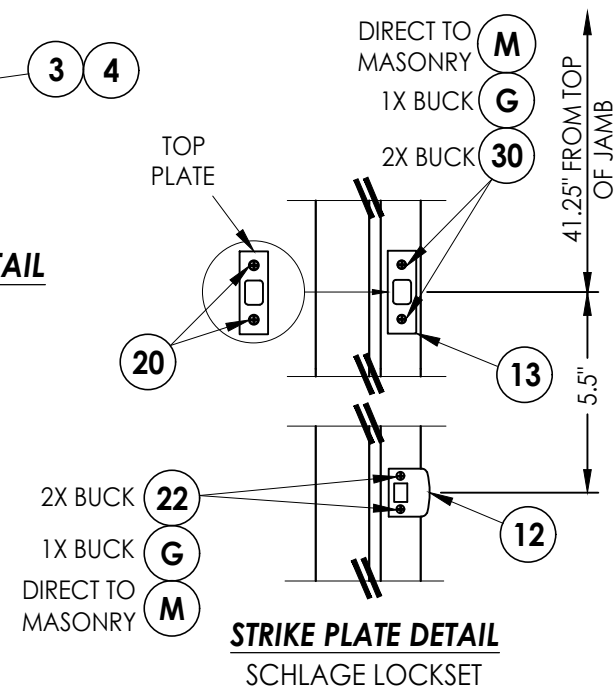
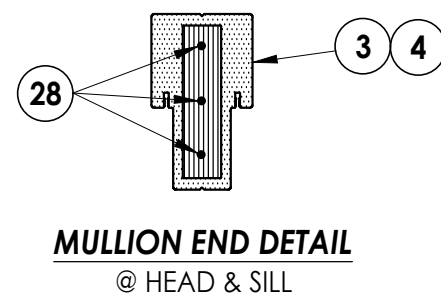
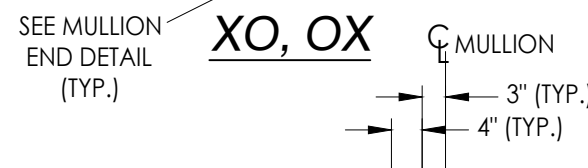
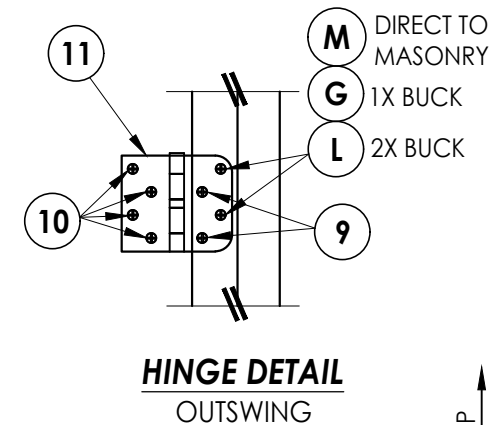
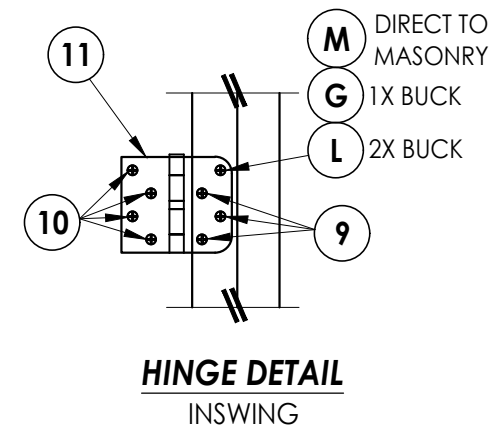
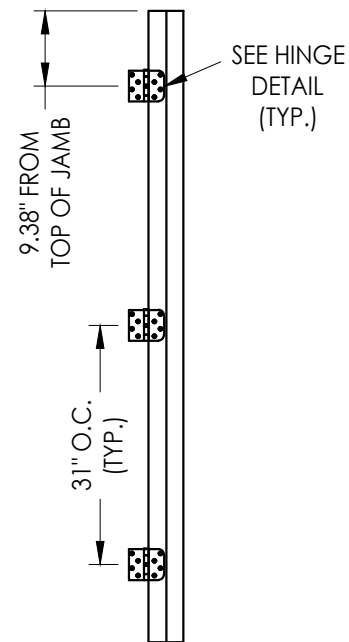
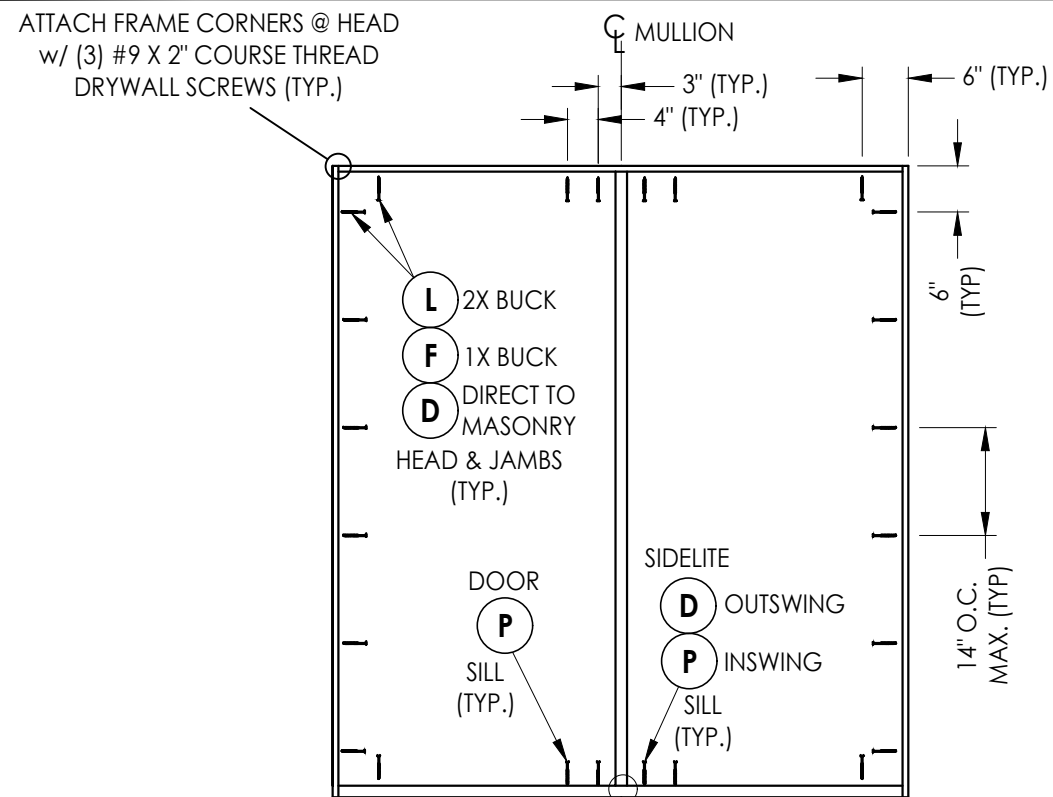
FL-47284.7

SHEET 8 OF 12

1. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).

[illegible]





## HARDWARE DETAILS

[illegible]

| 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                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| G                 | 3/16" X 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL     |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)                                                  | STEEL     |
| M                 | 3/16" X 2-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL     |
| P                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| 1                 | PVC JAMB                                                                                       | PVC       |
| 2                 | WOOD JAMB                                                                                      | WOOD      |
| 3                 | PVC MULLION (w/ LVL INSERT)                                                                    | PVC/LVL   |
| 4                 | WOOD MULLION                                                                                   | WOOD      |
| 7                 | WEATHERSTRIP                                                                                   | FOAM      |
| 8                 | DOOR SWEEP                                                                                     | VINYL     |
| 9                 | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL     |
| 10                | #9 X 1" PFH WOOD SCREW                                                                         | STEEL     |
| 11                | 4" X 4" HINGE                                                                                  | STEEL     |
| 12                | LATCH STRIKE PLATE                                                                             | STEEL     |
| 13                | DEADBOLT STRIKE PLATE                                                                          | STEEL     |
| 14                | INSWING THRESHOLD                                                                              | ALUM/COMP |
| 15                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 16                | INSWING SIDELITE ADAPTER                                                                       | PVC       |
| 20                | #8 X 1/2" PFH WOOD SCREW                                                                       | STEEL     |
| 22                | #8 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL     |
| 27                | #10 X 2" PFH SMS                                                                               | STEEL     |
| 28                | #10 X 3" PFH WOOD SCREW                                                                        | STEEL     |
| 30                | #12 X 2-1/2" PFH WOOD SCREW                                                                    | STEEL     |
| 40                | DOOR PANEL                                                                                     | -         |
| 50                | SIDELITE PANEL                                                                                 | -         |

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 BUILDEX<br>TAPCON® | 3/16"       | 1-1/4"         | 3"                             | 1-1/2"                            |
|                        | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT<br>ULTRA-CON®   | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

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



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**PART OR ASSEMBLY:**  
**BILL OF MATERIALS  
& COMPONENTS**

[illegible]

SHEET 12 OF 12