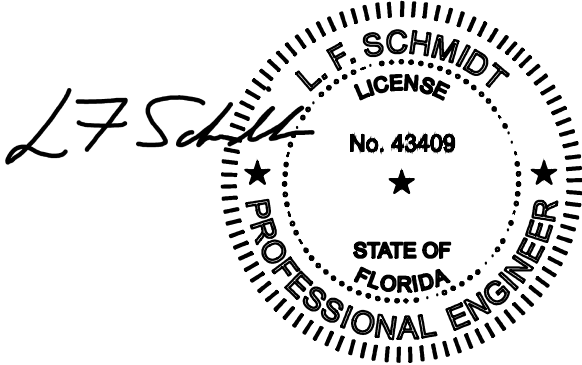




3501 CR 6 EAST  
ELKHART, IN 46514

MODEL 5010  
PVC FIXED WINDOW  
w/ NAILING FIN  
"NON-IMPACT"



Digitally signed by Lyndon F Schmidt  
Date: 2024.10.15 09:10:29 -04'00'

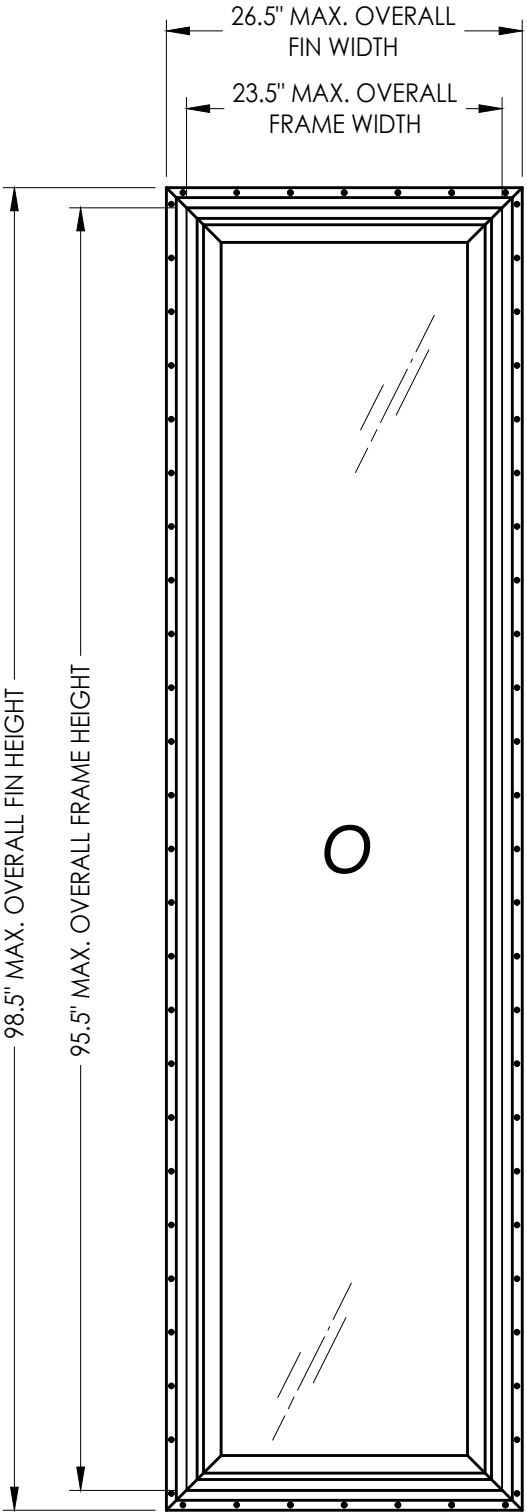
This item has been digitally signed and sealed by  
L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and ratings.
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing, stucco, foam, brick and other wall coverings.
3. Wood screws shall be installed following installation instructions of ANSI/AWC NDS 2018. All other fastener types to be installed following fastener manufacturer's installation instructions.
4. Fastener embedment depths, edge distances and center-center distances shall be as specified by the fastener manufacturer but in no instance shall they be less than shown in this drawing.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with this drawing shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions not covered by this drawing are subject to further engineering analysis.

| TABLE OF CONTENTS |                                                     |
|-------------------|-----------------------------------------------------|
| SHEET #           | DESCRIPTION                                         |
| 1                 | Typical elevation, design pressures & general notes |
| 2                 | Cross sections, glazing details & bill of materials |
| 3                 | Buck & frame anchoring                              |



| MAX.<br>O.A. FIN<br>DIMENSION | MAX.<br>O.A. FRAME<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|-------------------------------|---------------------------------|-----------------------|----------|
|                               |                                 | POSITIVE              | NEGATIVE |
| 26.5" X 98.5"                 | 23.5" X 95.5"                   | +50.0                 | -50.0    |
| 98.5" X 26.5"                 | 95.5" X 23.5"                   | +50.0                 | -50.0    |

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

FIXED WINDOW

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

NO.

DATE

BY

REVISIONS

DATE: 10/08/24

SCALE: N.T.S.

DWG. BY: LFS

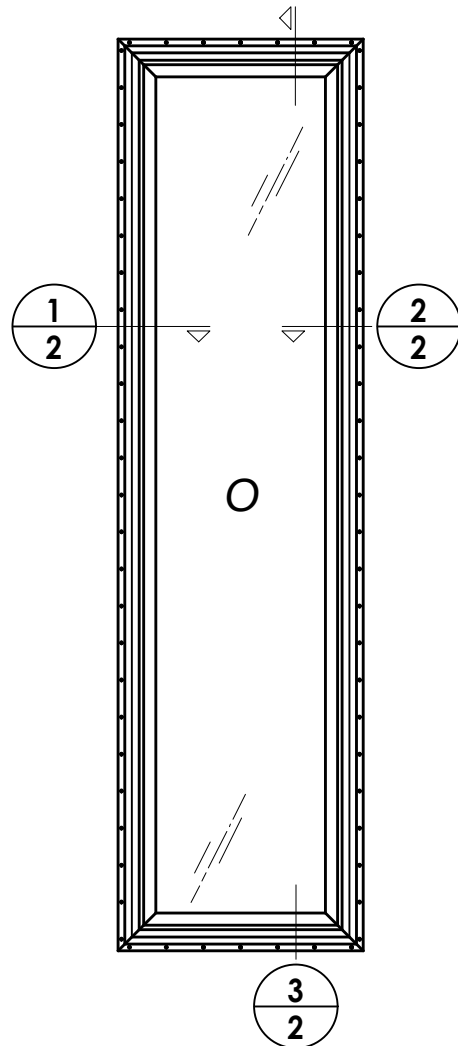
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DRAWING NO.:  
FL-995.9

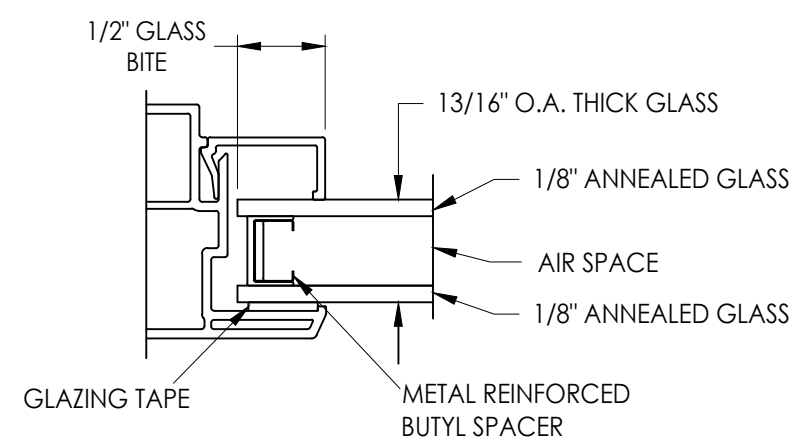
SHEET 1 OF 3

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

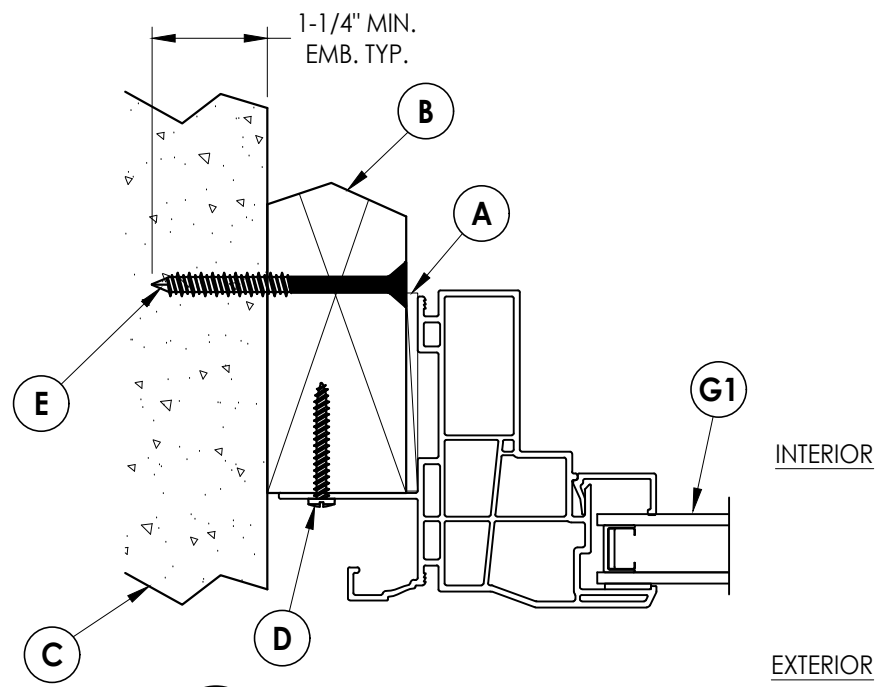
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| BILL OF MATERIALS |                                                                                                |          |
|-------------------|------------------------------------------------------------------------------------------------|----------|
| ITEM              | DESCRIPTION                                                                                    | MATERIAL |
| A                 | 1/4" MAX. SHIM SPACE                                                                           | -        |
| B                 | 2X BUCK (G >= 0.42)                                                                            | WOOD     |
| C                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| D                 | #10 X 1" PH SMS (7/8" MIN. EMBEDMENT)                                                          | STEEL    |
| E                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL    |
| F                 | #10 X 1-1/2" PH SMS (7/8" MIN. EMBEDMENT)                                                      | STEEL    |
| G                 | 2X FRAMING (G >= 0.42)                                                                         | WOOD     |

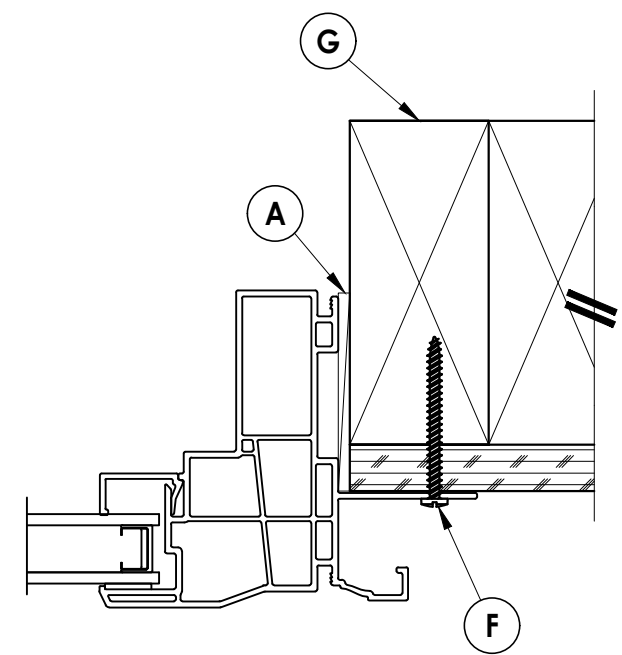


## G1 GLAZING DETAIL

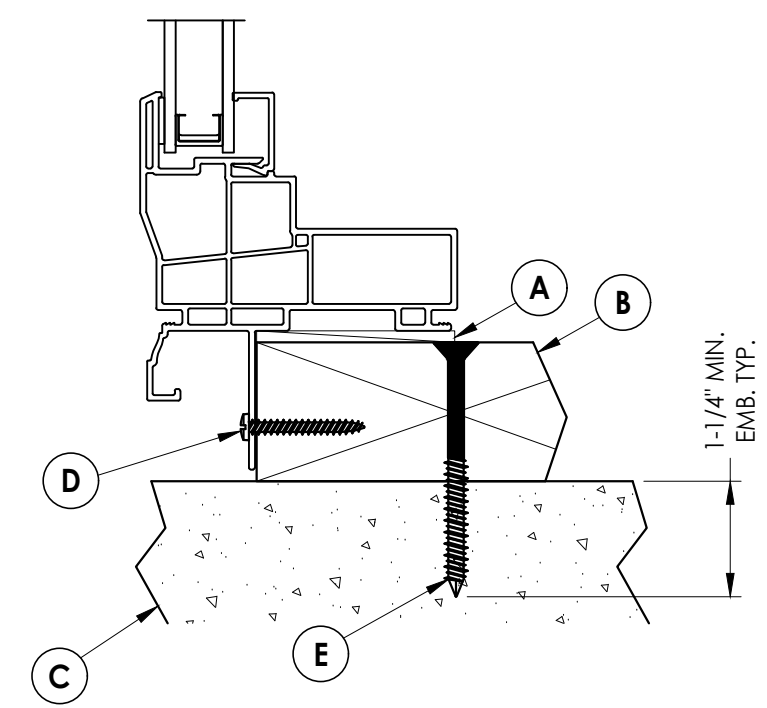
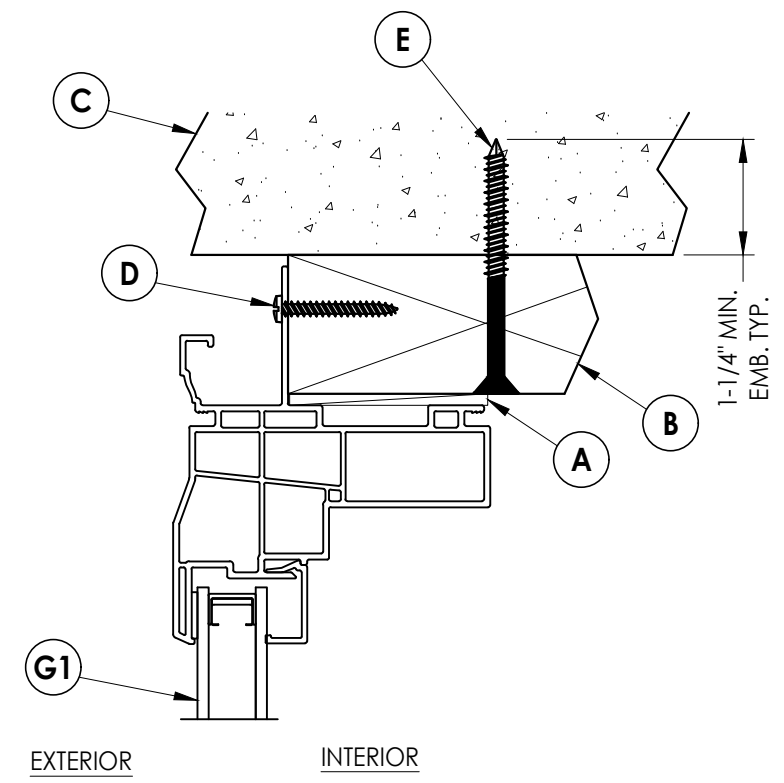


## 1 **HORIZONTAL CROSS SECTION**

### 2 Shown w/ 2X Buck Construction

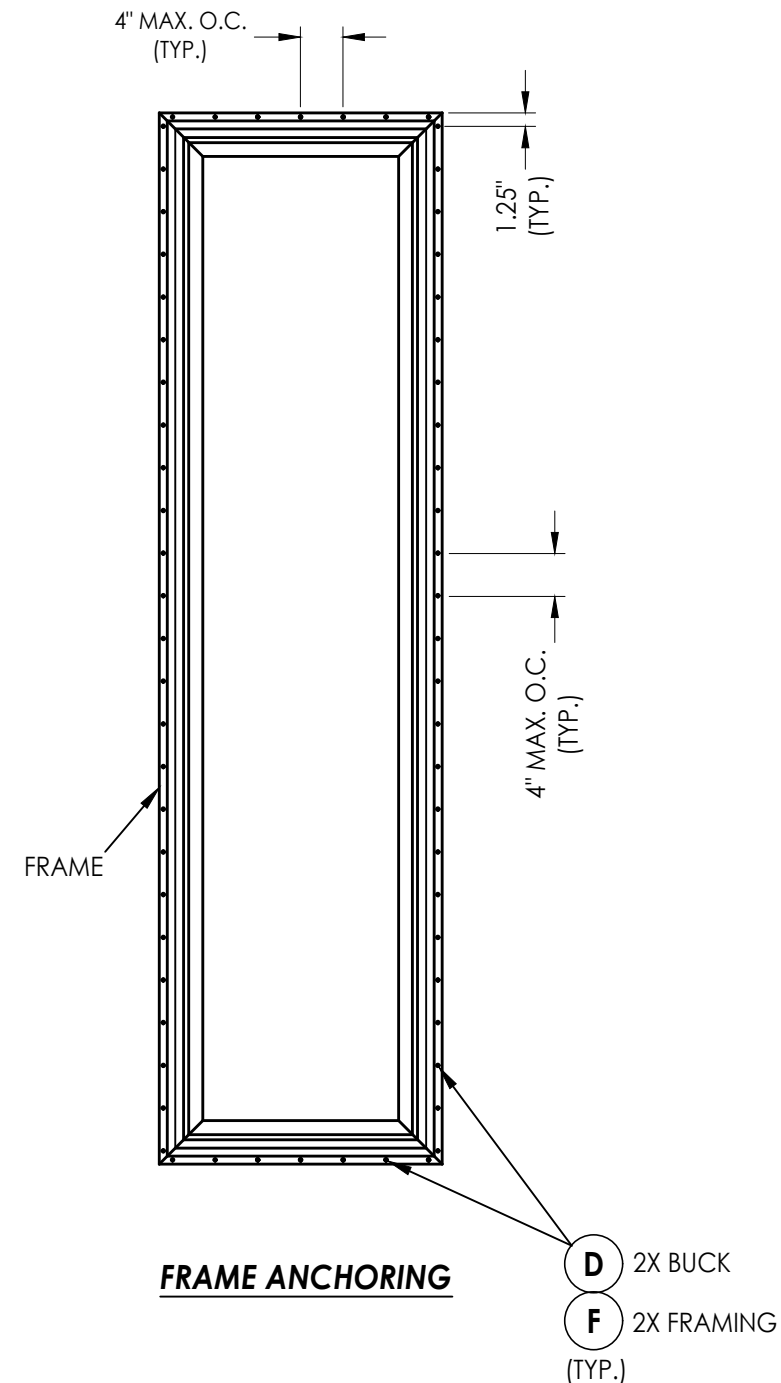
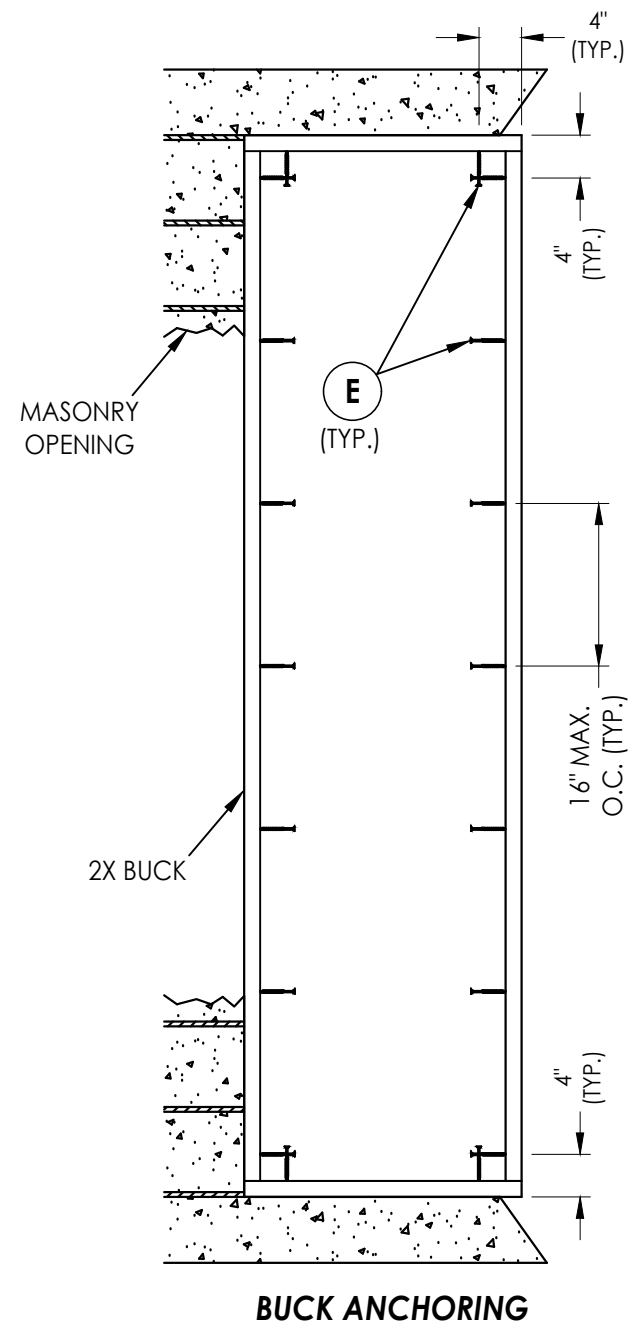


**2** **HORIZONTAL CROSS SECTION**  
**2** Shown w/ 2X Stud Construction



**3 VERTICAL CROSS SECTION**  
**2** Shown w/ 2X Buck Construction

[illegible]



## BUCK ANCHORING

## FRAME ANCHORING

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"                                |

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.

[illegible]

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P.E. No. 43409

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