

WINDSERT™

Operational Window Insert Utilizing  
A Fiberglass Door Panel w/ Sidelite(s)

OUTSWING  
"IMPACT"

GENERAL NOTES

1.

This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2.

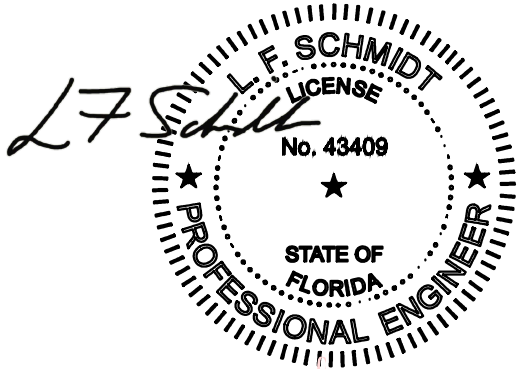
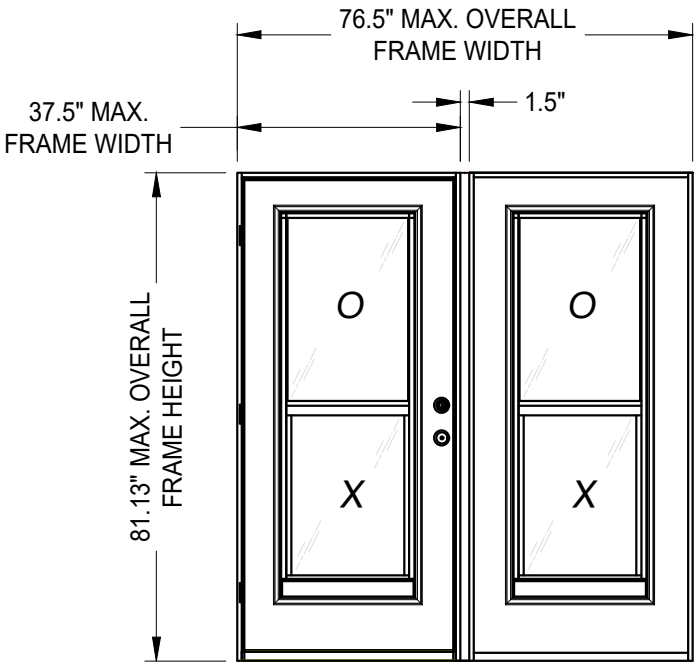
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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 includes Wind Zone 4 as defined in ASTM E1996.
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.

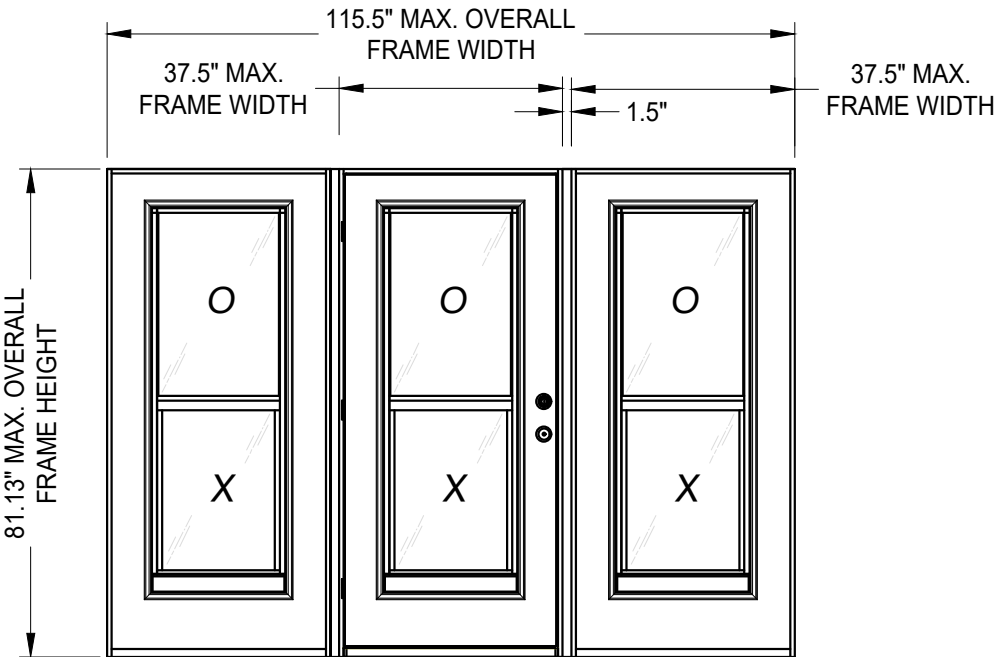
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| 8                 | Vertical cross sections                              |
| 9                 | Buck anchoring                                       |
| 10                | Frame anchoring                                      |
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Digitally signed by Lyndon F Schmidt  
Date: 2026.07.22 14:47:12 -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 | MAX. D.L.O.<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|---------------|----------------------------|--------------------------|-----------------------|----------|
|               |                            |                          | POSITIVE              | NEGATIVE |
| OX/XO         | 76.5" x 81.13"             | 20" x 29.13"             | +50.0                 | -55.0    |
| OXO           | 115.5" x 81.13"            | 20" x 29.13"             | +50.0                 | -55.0    |

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

DLP  
WINDSERT

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

4

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

3

8/09/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

2

8/31/20

UPDATE TO 7TH ED. (2020)

FBC

LFS

1

8/16/17

UPDATE TO 6TH ED. (2017)

FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 9/14/15

SCALE: N.T.S.

DWG. BY: JK

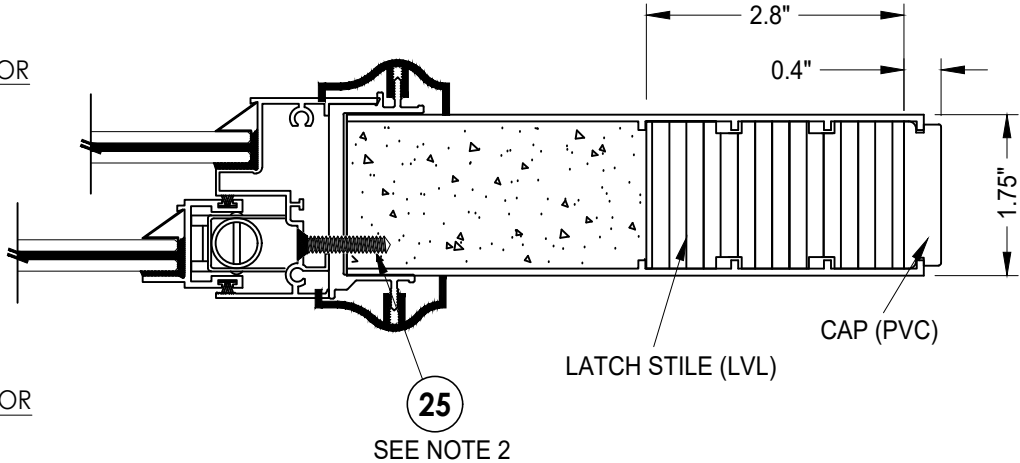
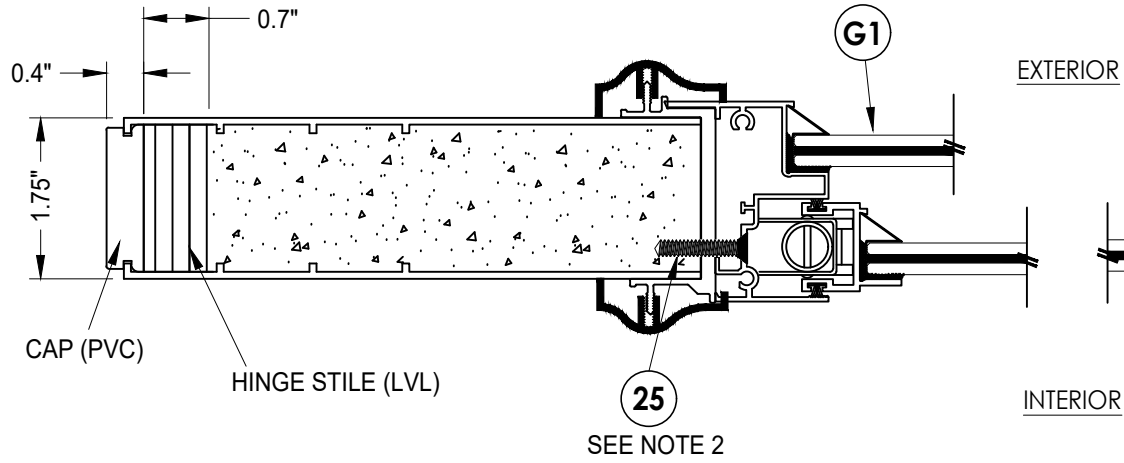
CHK. BY: LFS

DRAWING NO.: FL-14803.8

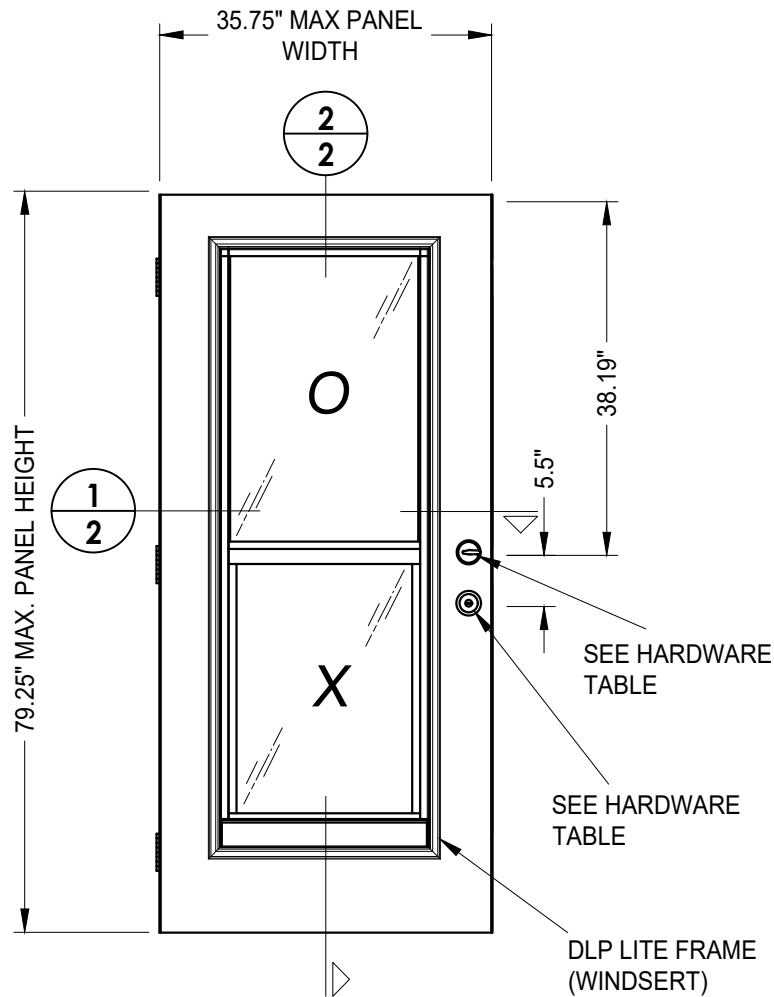
SHEET 1 OF 11

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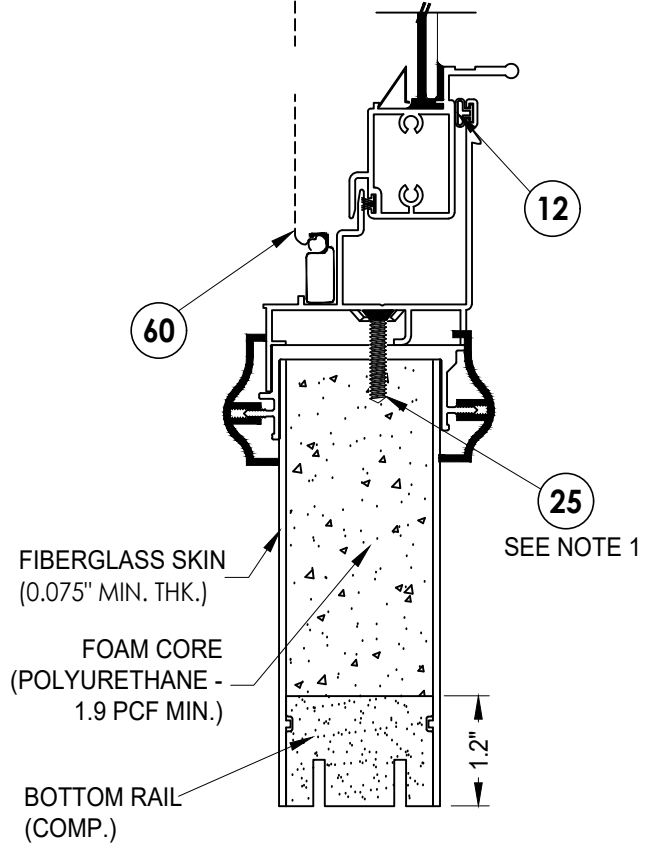
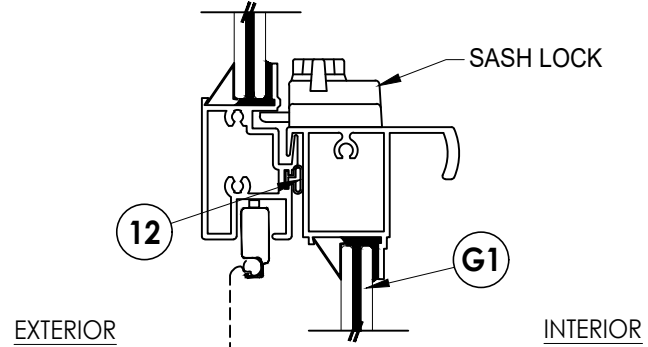
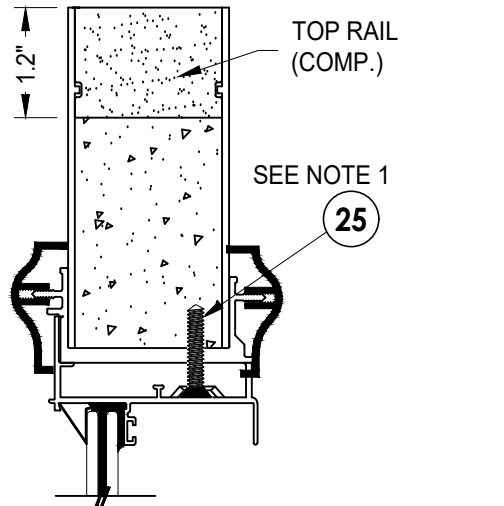
1  
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**  
Plastpro

| HARDWARE TABLE |           |                             |
|----------------|-----------|-----------------------------|
| MANUFACTURER   | MODEL     |                             |
| KWIKSET        | Knob:     | KWIKSET SERIES              |
|                | DEADBOLT: | KWIKSET SERIES (660)        |
| YALE           | Lever:    | YH COLLECTION               |
|                | DEADBOLT: | NEW TRADITIONS (800 SERIES) |
| SCHLAGE        | Knob:     | F-SERIES                    |
|                | DEADBOLT: | B60 / 62                    |
| YALE           | Knob:     | YH COLLECTION               |
|                | DEADBOLT: | YH 83                       |

- NOTES:
- SMS Screw spacing at head and sill:  
5" from each end & one at centerline (3 total).
  - SMS Screw spacing at jambs:  
5" from each end & spaced @ 8 - 11" o.c. (7 total).



2  
2 **VERTICAL CROSS SECTION**

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P.E. No. 43409

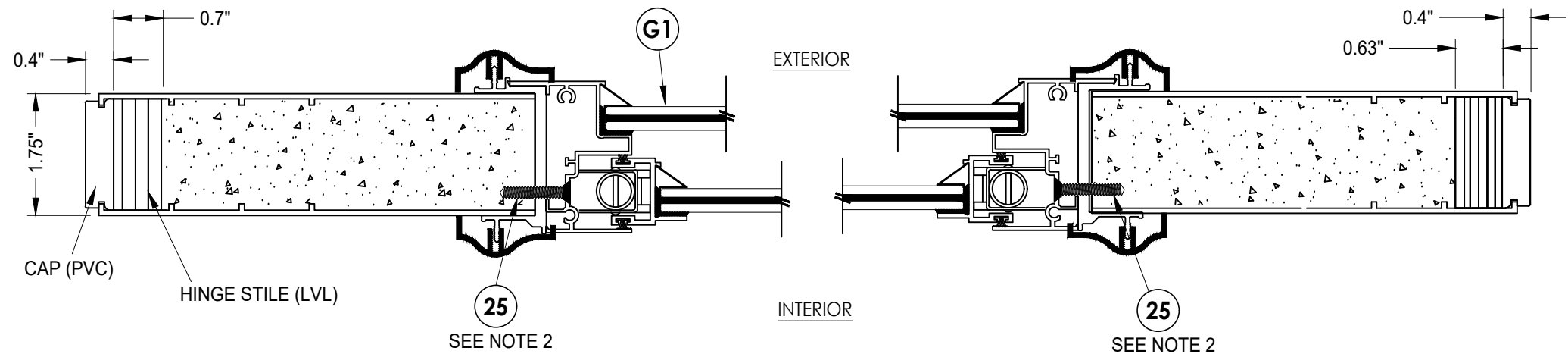
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| PRODUCT: | DLP<br>WINDSERT    |  |
|----------|--------------------|--|
|          | DOOR PANEL DETAILS |  |

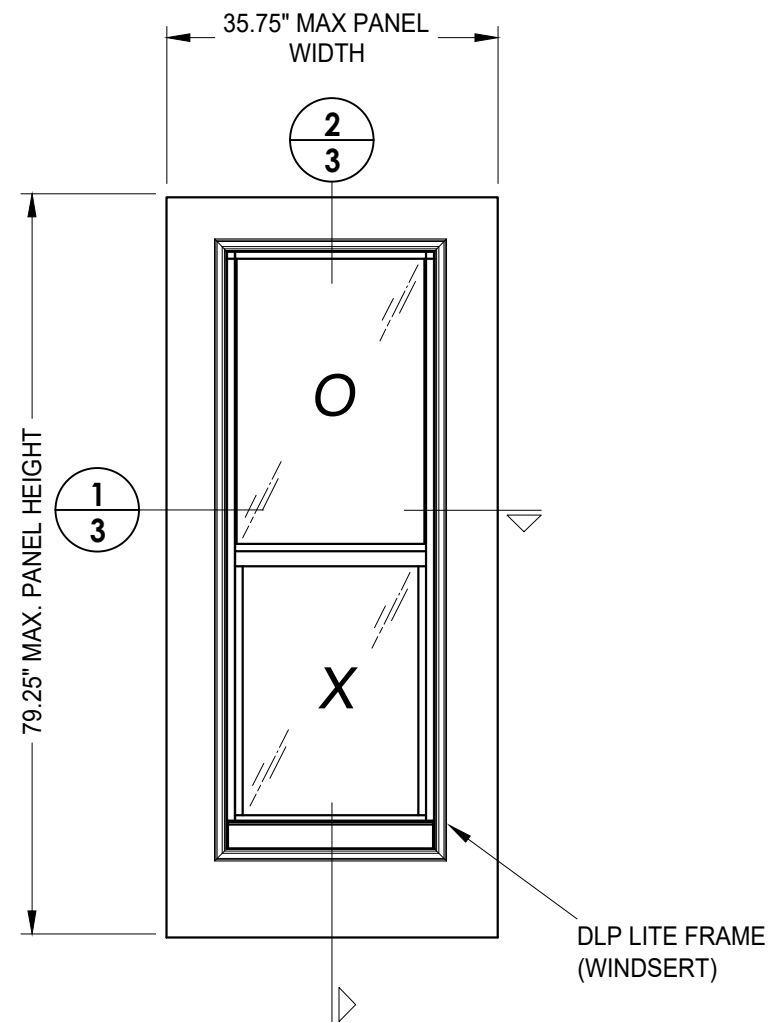
| NO. | DATE    | REVISIONS                |     |     |     |
|-----|---------|--------------------------|-----|-----|-----|
|     |         | DATE                     | BY  | JK  | LFS |
| 4   | 7/02/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |     |
| 3   | 8/09/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |     |
| 2   | 8/31/20 | UPDATE TO 7TH ED. (2020) | FBC | LFS |     |
| 1   | 8/16/17 | UPDATE TO 6TH ED. (2017) | FBC | JK  |     |

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| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
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| SHEET        | 2 OF 11    |

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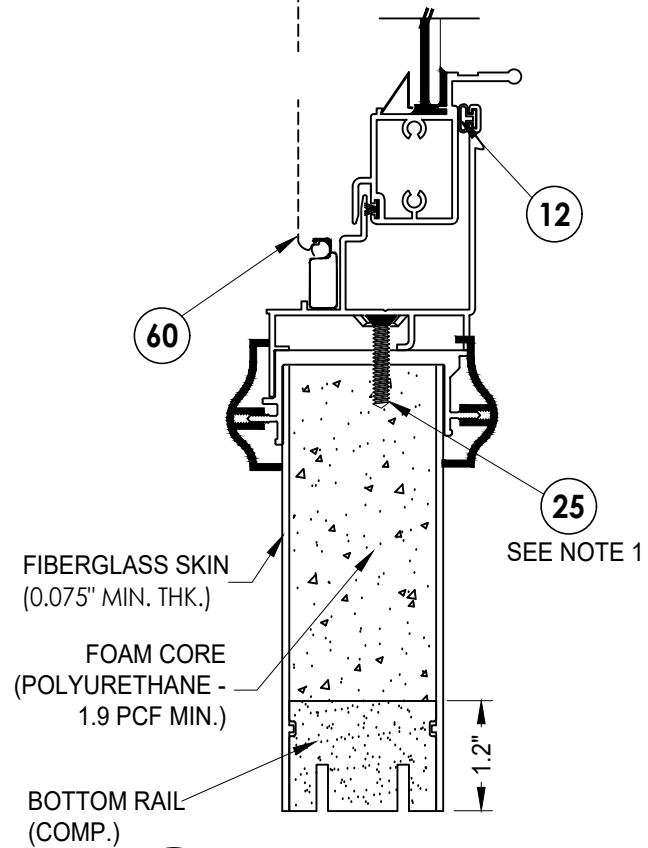
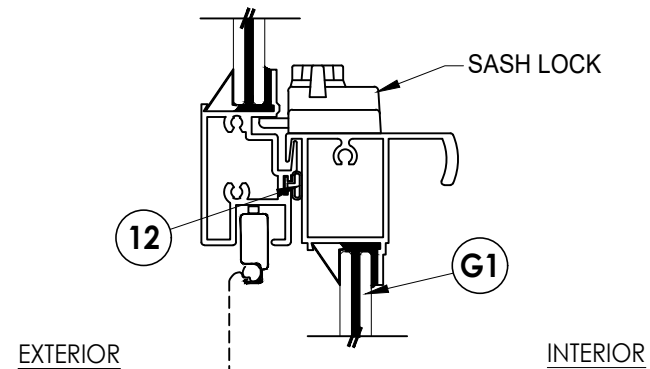
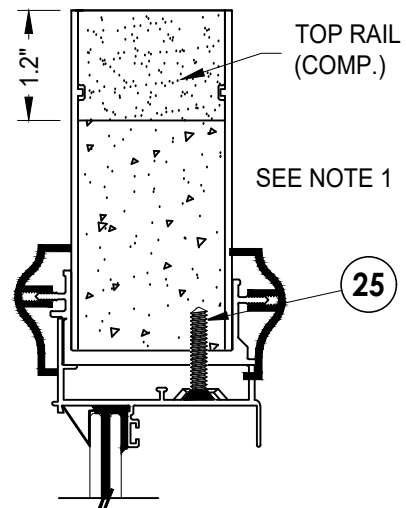
1  
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL  
Plastpro

NOTES:

1. SMS Screw spacing at head and sill:  
5" from each end & one at centerline (3 total).
2. SMS Screw spacing at jambs:  
5" from each end & spaced @ 8 - 11" o.c. (7 total).



2  
3 VERTICAL CROSS SECTION

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|          |                                          |  |
|----------|------------------------------------------|--|
| PRODUCT: | DLP WINDSERT                             |  |
|          | PART OR ASSEMBLY: SIDELITE PANEL DETAILS |  |

|   |         |                          |     |     | REVISIONS |      |
|---|---------|--------------------------|-----|-----|-----------|------|
|   |         |                          |     |     | NO.       | DATE |
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| 1 | 8/16/17 | UPDATE TO 6TH ED. (2017) | FBC | JK  |           |      |

DATE: 9/14/15

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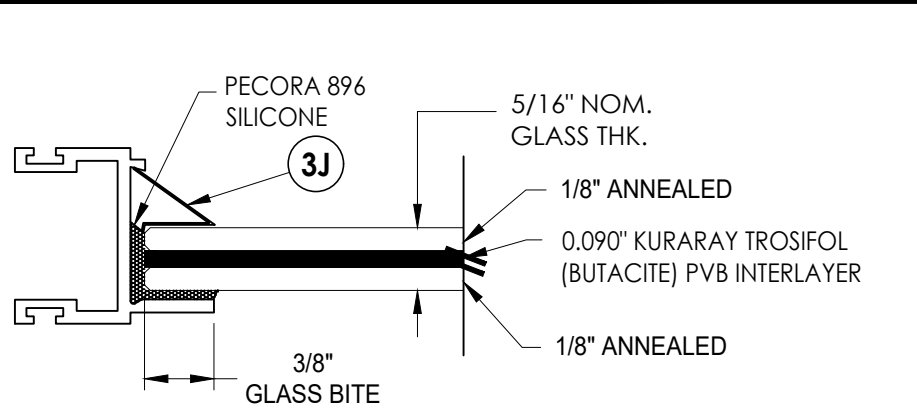
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CHK. BY: LFS

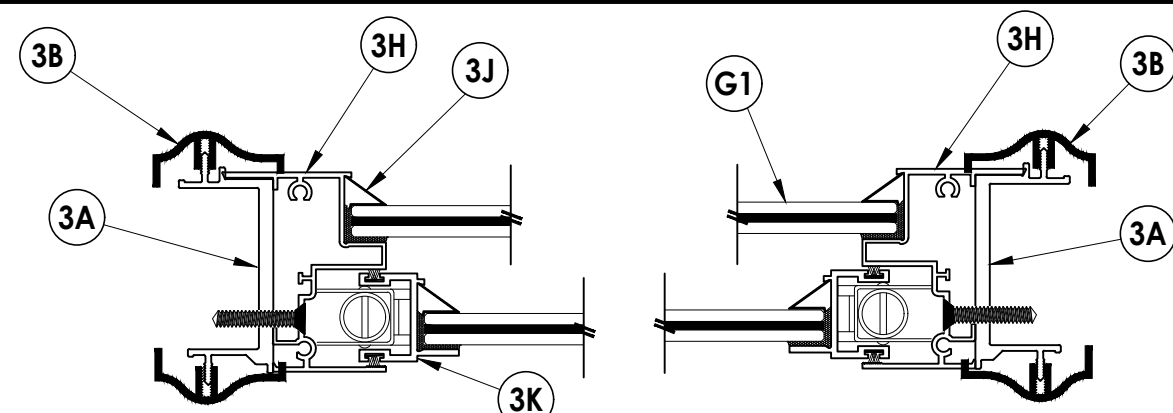
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SHEET 3 OF 11

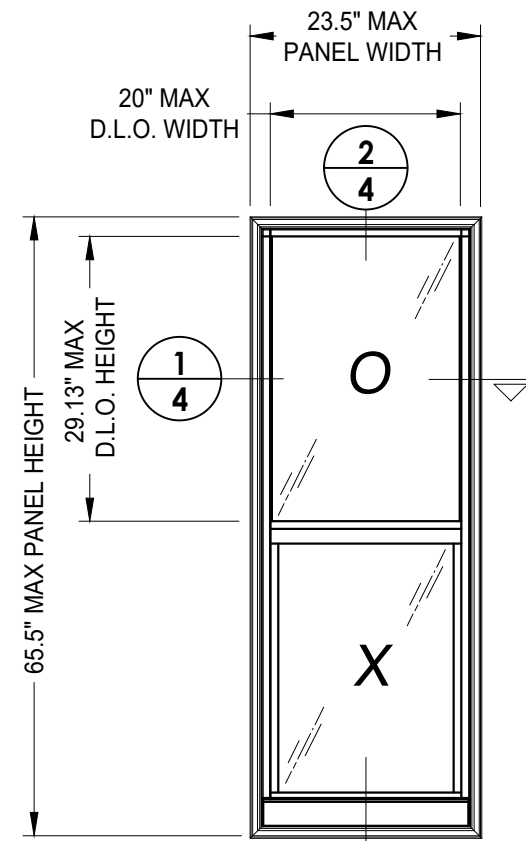
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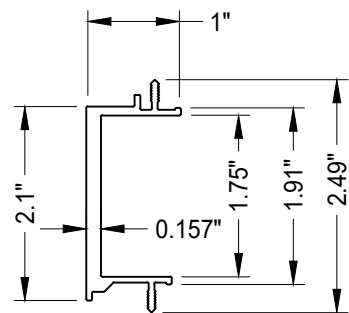
**G1 GLAZING DETAIL**



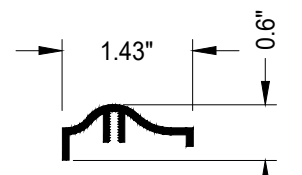
**1/4 HORIZONTAL CROSS SECTION**



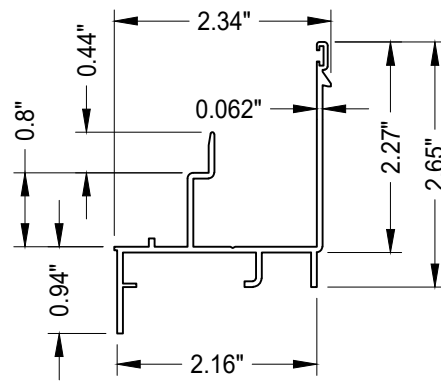
**DLP LITE FRAME  
WINDSERT**



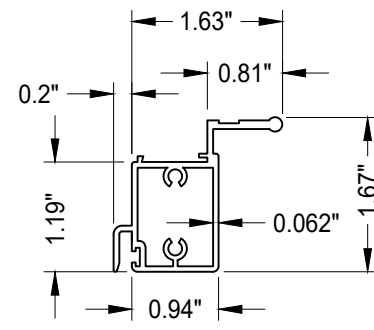
**3A MOUNTING CHANNEL  
ALUM (6063-T6)**



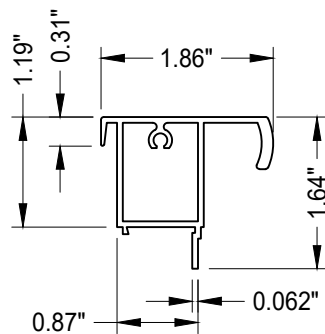
**3B DECORATIVE TRIM  
PVC**



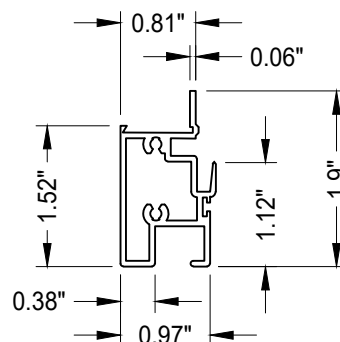
**3C FRAME SILL  
ALUM (6063-T6)**



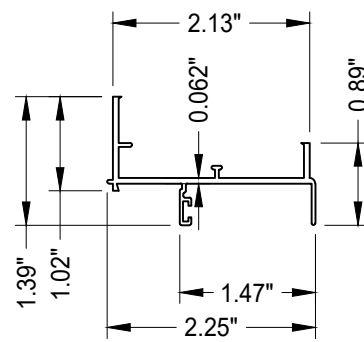
**3D VENT BOTTOM RAIL  
ALUM (6063-T6)**



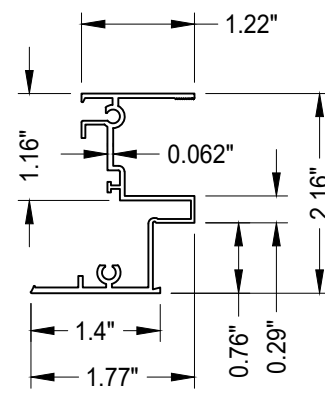
**3E VENT TOP RAIL  
ALUM (6063-T6)**



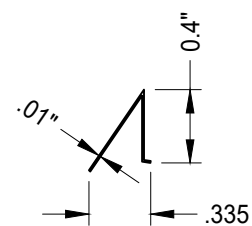
**3F MEETING RAIL  
ALUM (6063-T6)**



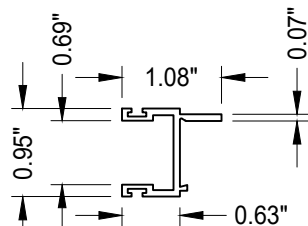
**3G FRAME HEAD  
ALUM (6063-T6)**



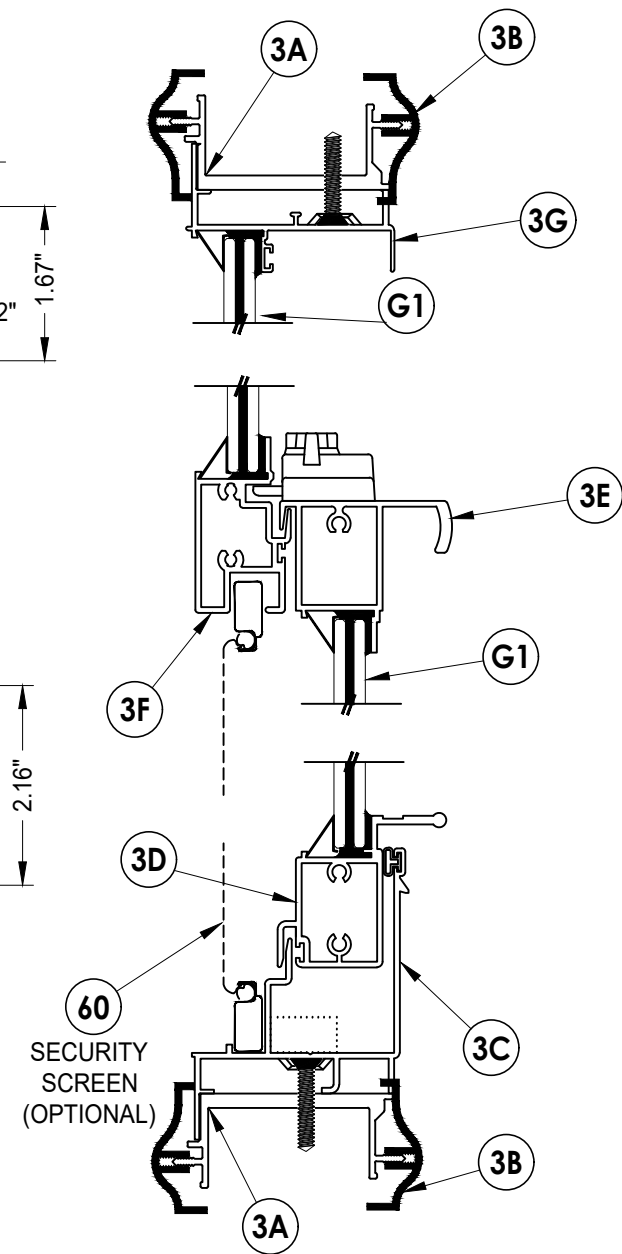
**3H FRAME JAMB  
ALUM (6063-T6)**



**3J GLAZING BEAD  
ALUM**



**3K VENT JAMB  
ALUM (6063-T6)**



**2/4 VERTICAL CROSS SECTION**

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P.E. No. 43409

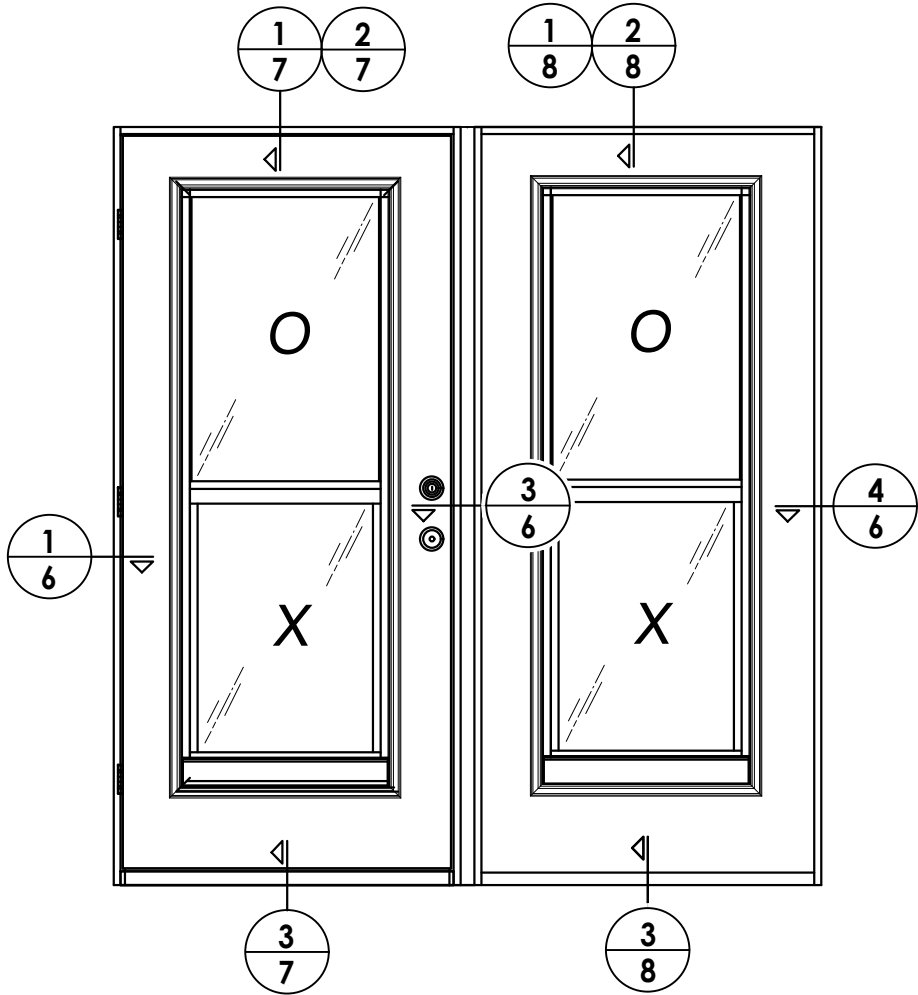
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

| PRODUCT:                               |  |
|----------------------------------------|--|
| DLP WINDSERT                           |  |
| PART OR ASSEMBLY:                      |  |
| LITE FRAME DETAILS AND GLAZING DETAILS |  |

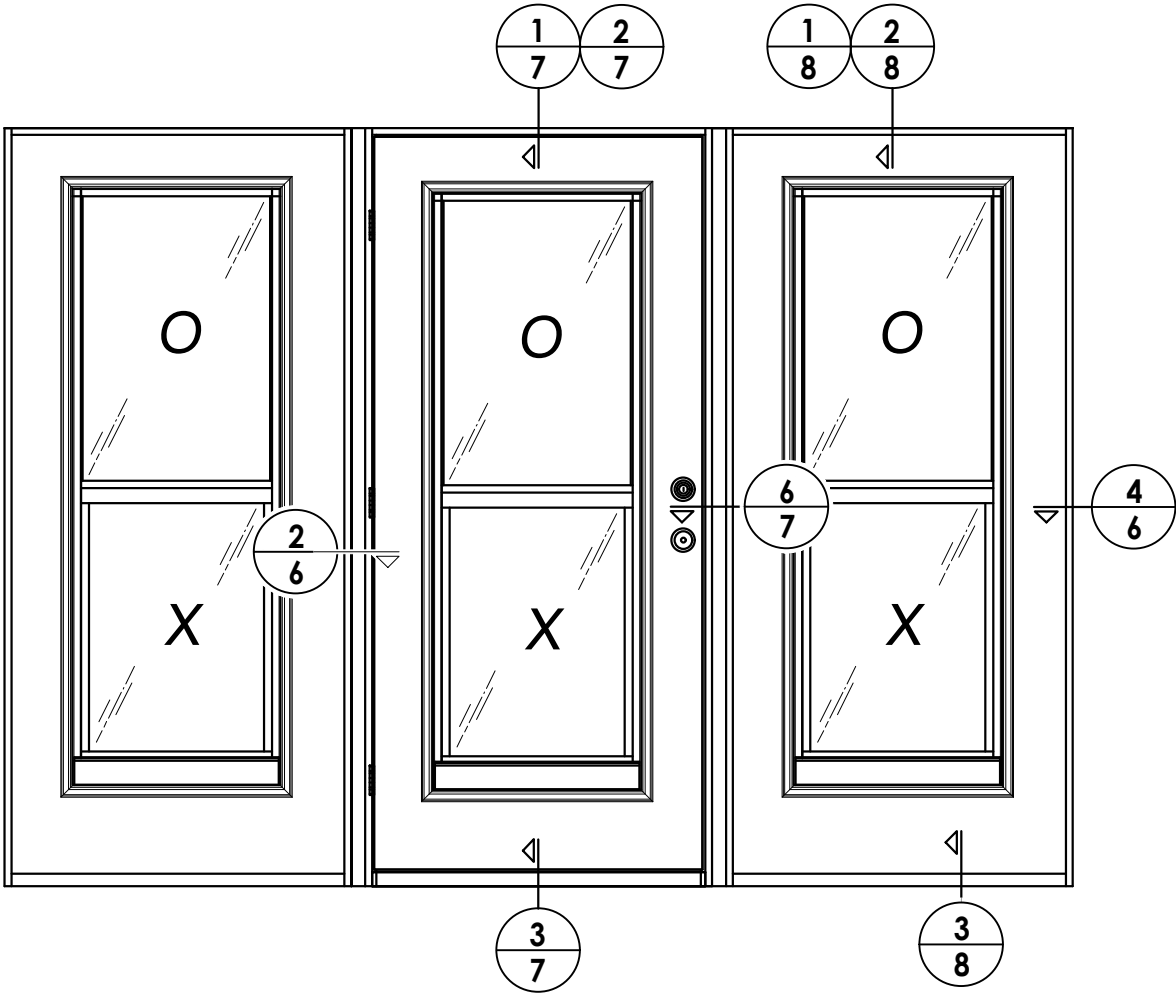
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|--|---|-----------|------------------------------|-----|--|
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|  | 3 | 8/09/23   | UPDATE TO 8TH ED. (2023) FBC | LFS |  |
|  | 2 | 8/31/20   | UPDATE TO 7TH ED. (2020) FBC | LFS |  |
|  | 1 | 8/16/17   | UPDATE TO 6TH ED. (2017) FBC | JK  |  |

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| DATE:        | 9/14/15    |
| SCALE:       | N.T.S.     |
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| CHK. BY:     | LFS        |
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| SHEET        | 4 OF 11    |

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ELEVATION (XO - OX)



ELEVATION (OXO)

DATE: 9/14/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-14803.8

SHEET 5 OF 11

| REVISIONS |                                      |
|-----------|--------------------------------------|
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| 2         | 8/31/20 UPDATE TO 7TH ED. (2020) FBC |
| 1         | 8/16/17 UPDATE TO 6TH ED. (2017) FBC |

PRODUCT:

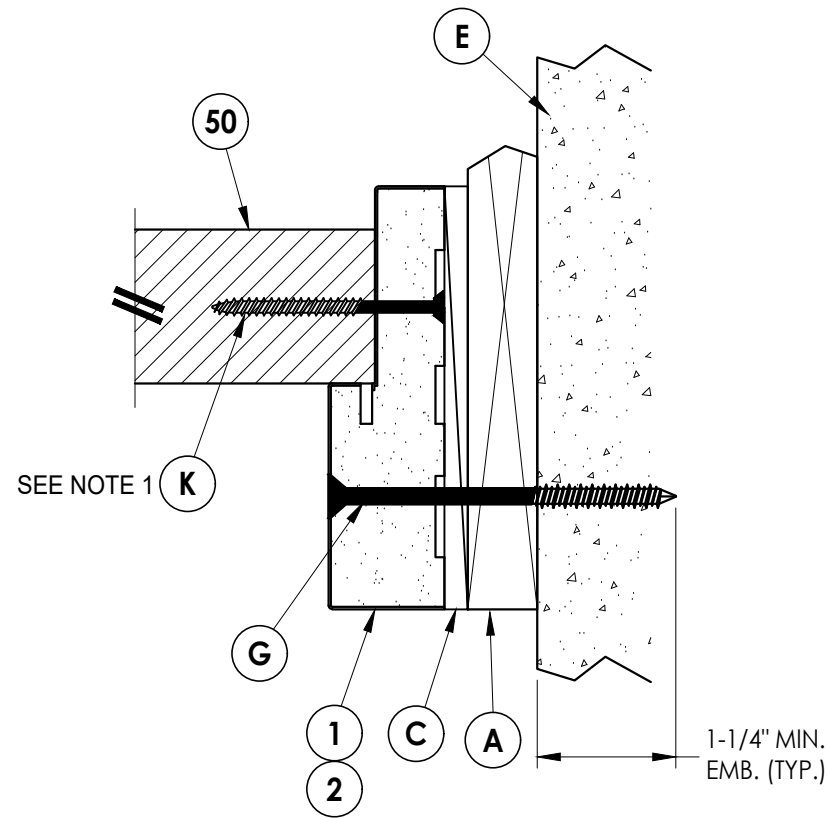
DLP WINDSERT

PART OR ASSEMBLY:

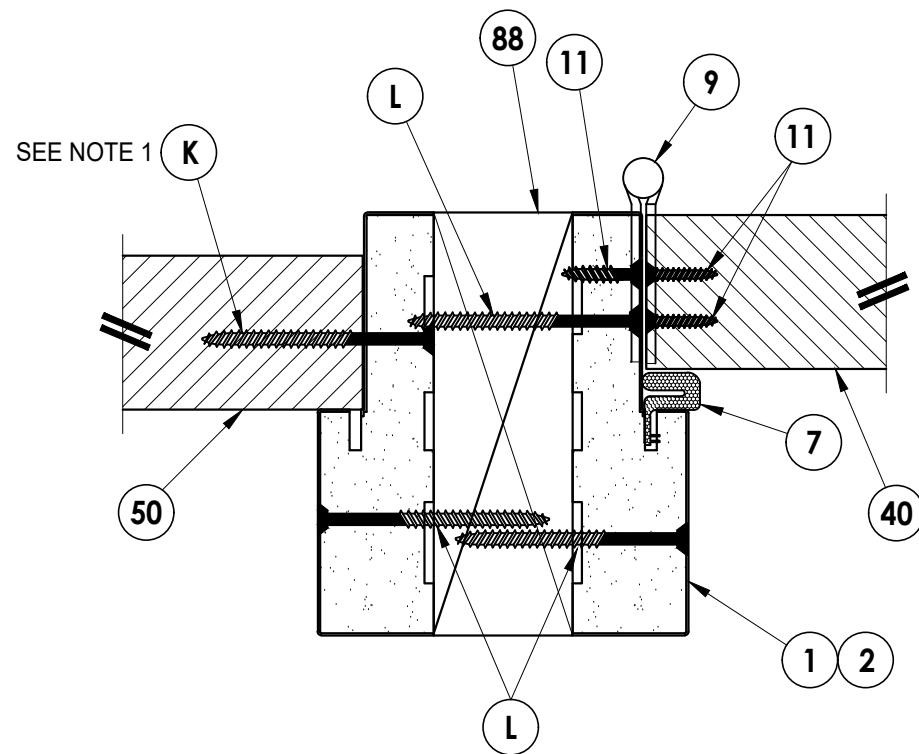
ELEVATIONS

|                                                               |  |                                                                                                                                                |
|---------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | <div>RW</div> <div>BUILDING CONSULTANTS, INC.<br/>P.O. Box 230, Valrico, FL 33595<br/>Phone No.: 813.659.9197<br/>FBPE Registry No. 9813</div> |
|                                                               |  |                                                                                                                                                |

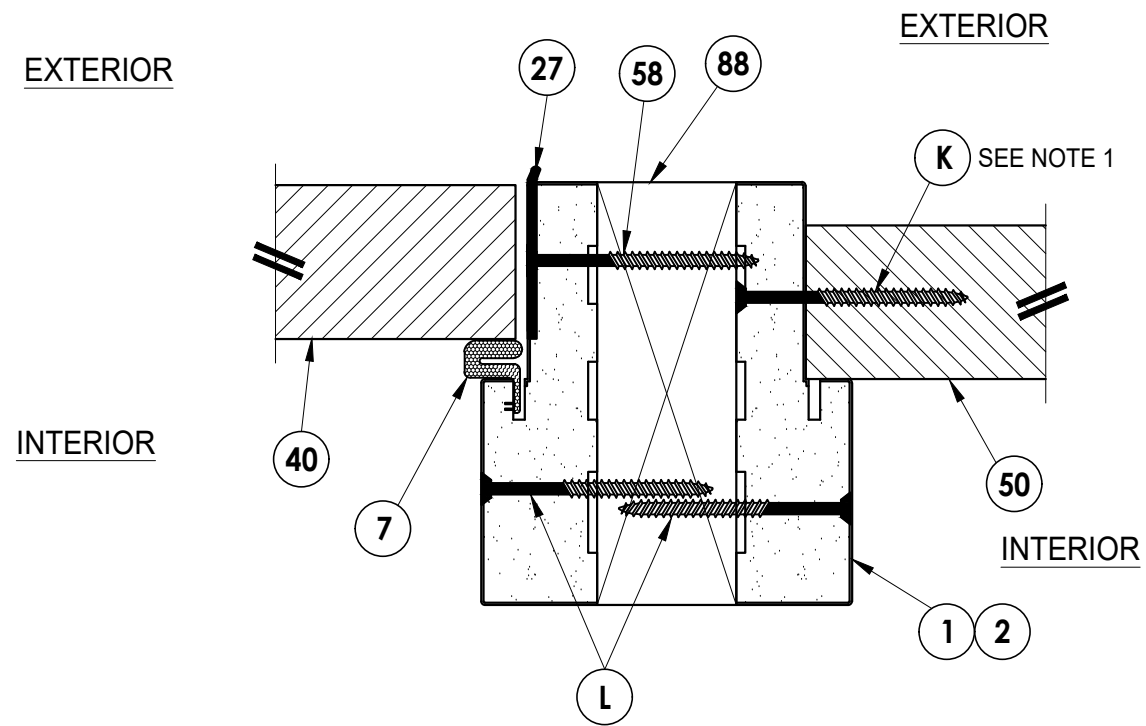
INTERIOR



**4 HORIZONTAL CROSS SECTION**  
**6** Shown w/1X sub-buck



**2** **HORIZONTAL CROSS SECTION**  
**6**



### 3 6 HORIZONTAL CROSS SECTION

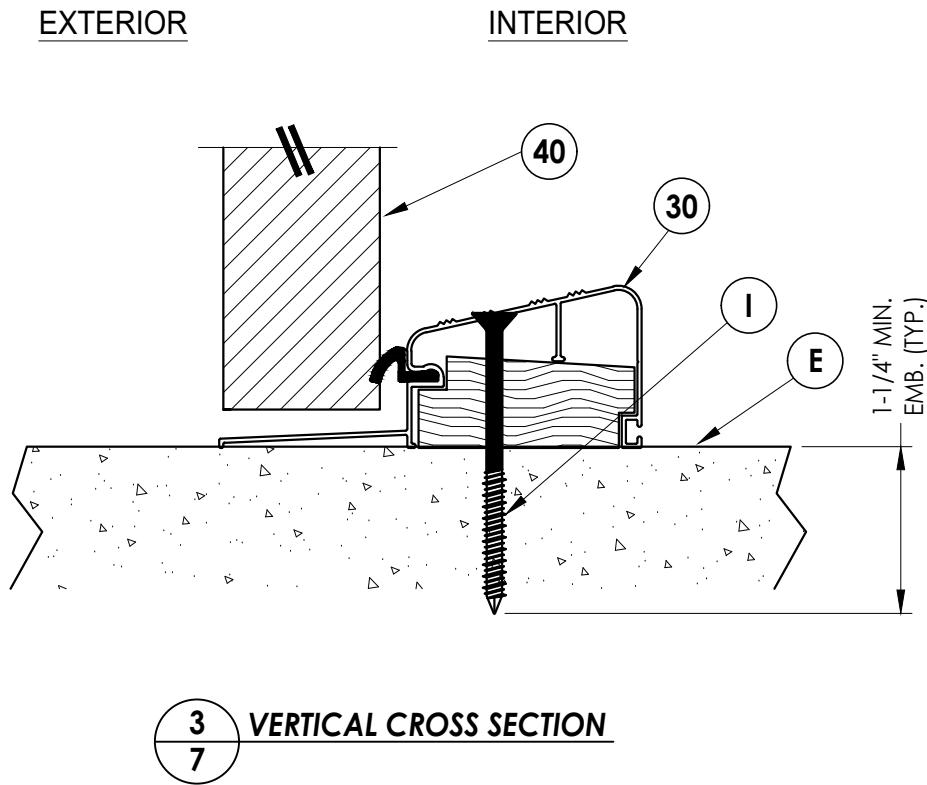
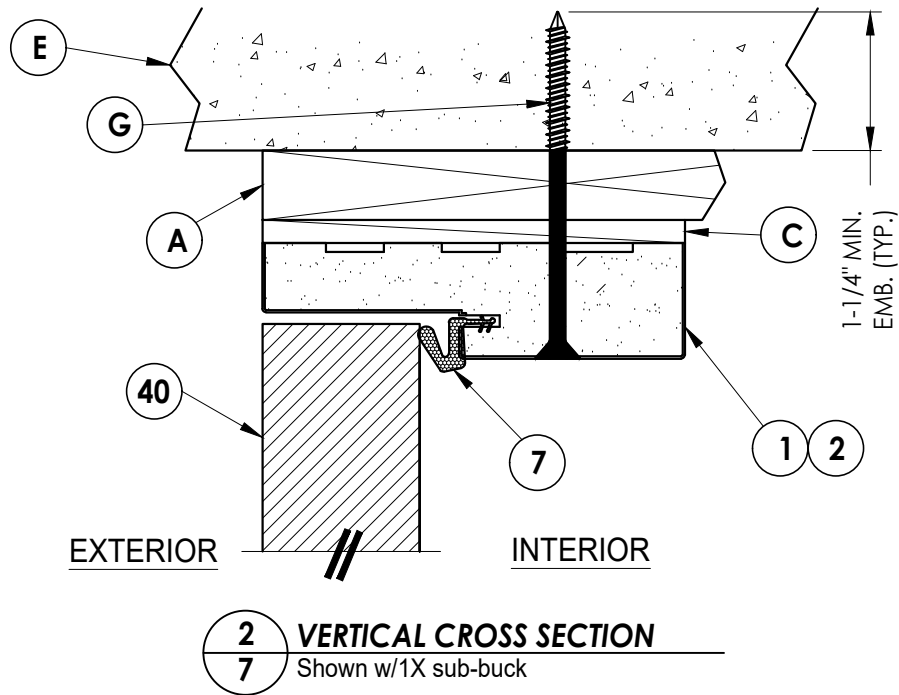
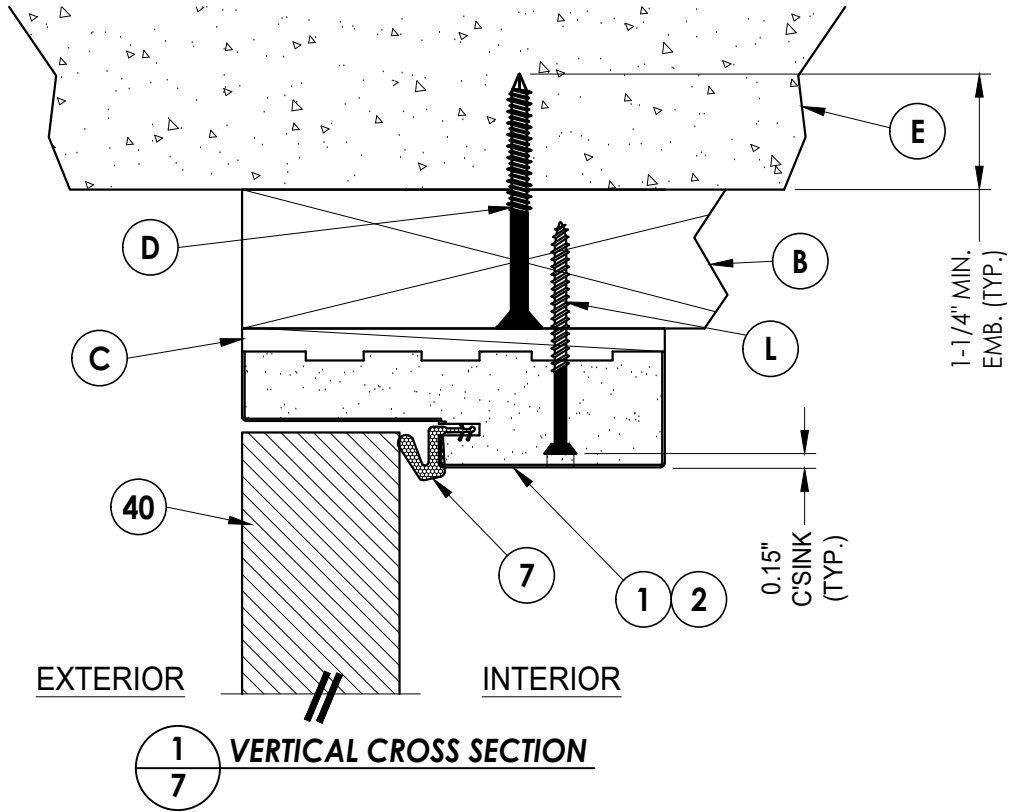
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HORIZONTAL  
CROSS SECTIONS

[illegible]

|              |                       |
|--------------|-----------------------|
| DATE:        | 9/14/15               |
| SCALE:       | N.T.S.                |
| DWG. BY:     | JK                    |
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| SHEET        | <u>6</u> OF <u>11</u> |

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|                         |  |
|-------------------------|--|
| DATE: 9/14/15           |  |
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| SHEET 7 OF 11           |  |

|                                           |  |
|-------------------------------------------|--|
| PRODUCT: DLP WINDSERT                     |  |
| PART OR ASSEMBLY: VERTICAL CROSS SECTIONS |  |

| REVISIONS |         |
|-----------|---------|
| NO.       | DATE    |
| 4         | 7/02/26 |
| 3         | 8/09/23 |
| 2         | 8/31/20 |
| 1         | 8/16/17 |

|                              |     |
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| UPDATE TO 8TH ED. (2023) FBC | LFS |
| UPDATE TO 7TH ED. (2020) FBC | LFS |
| UPDATE TO 6TH ED. (2017) FBC | JK  |
|                              | BY  |

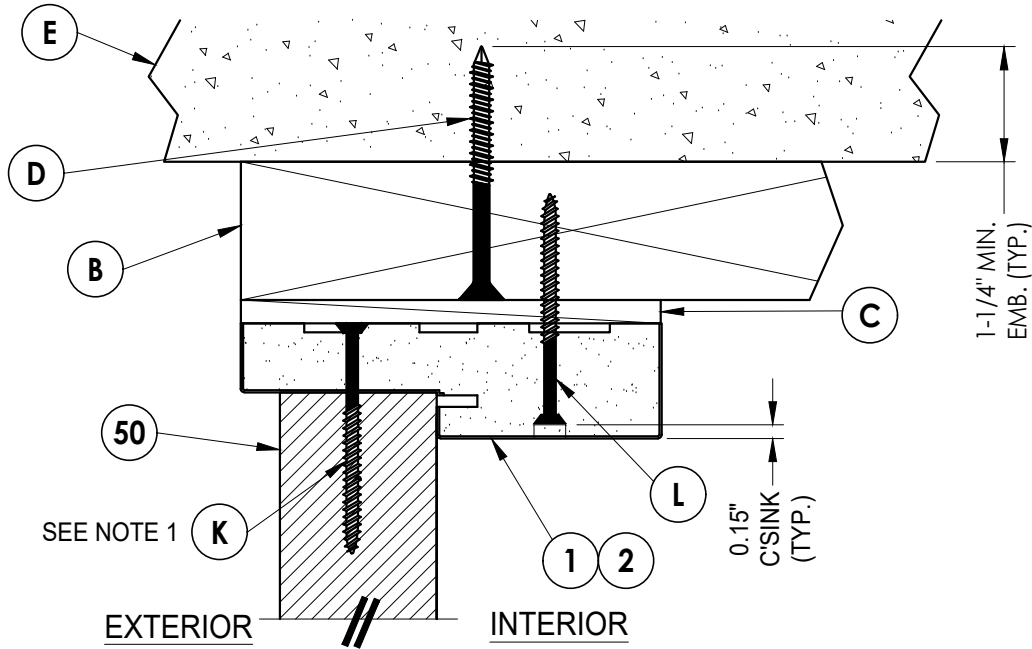
Documents Prepared By:  
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P.E. No. 43409

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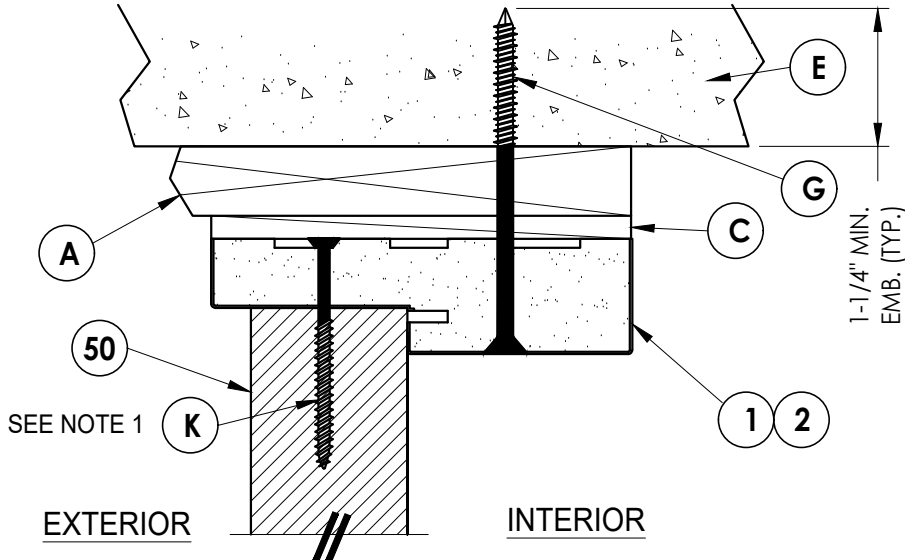
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NOTE

1. Spacing for item K:  
6" from each end  
and at centerline.



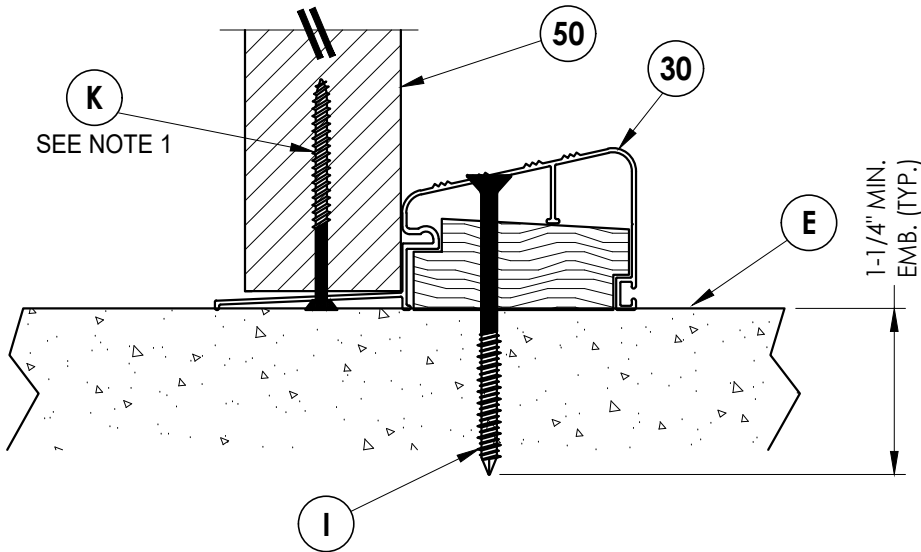
1  
8 VERTICAL CROSS SECTION



2  
8 VERTICAL CROSS SECTION  
Shown w/1X sub-buck

EXTERIOR

INTERIOR



3  
8 VERTICAL CROSS SECTION

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

PRODUCT:

DLP  
WINDSERT

PART OR ASSEMBLY:

VERTICAL  
CROSS SECTIONS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 4   | 7/02/26 | UPDATE TO 9TH ED. (2026) FBC |
| 3   | 8/09/23 | UPDATE TO 8TH ED. (2023) FBC |
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| 1   | 8/16/17 | UPDATE TO 6TH ED. (2017) FBC |

DATE: 9/14/15

SCALE: N.T.S.

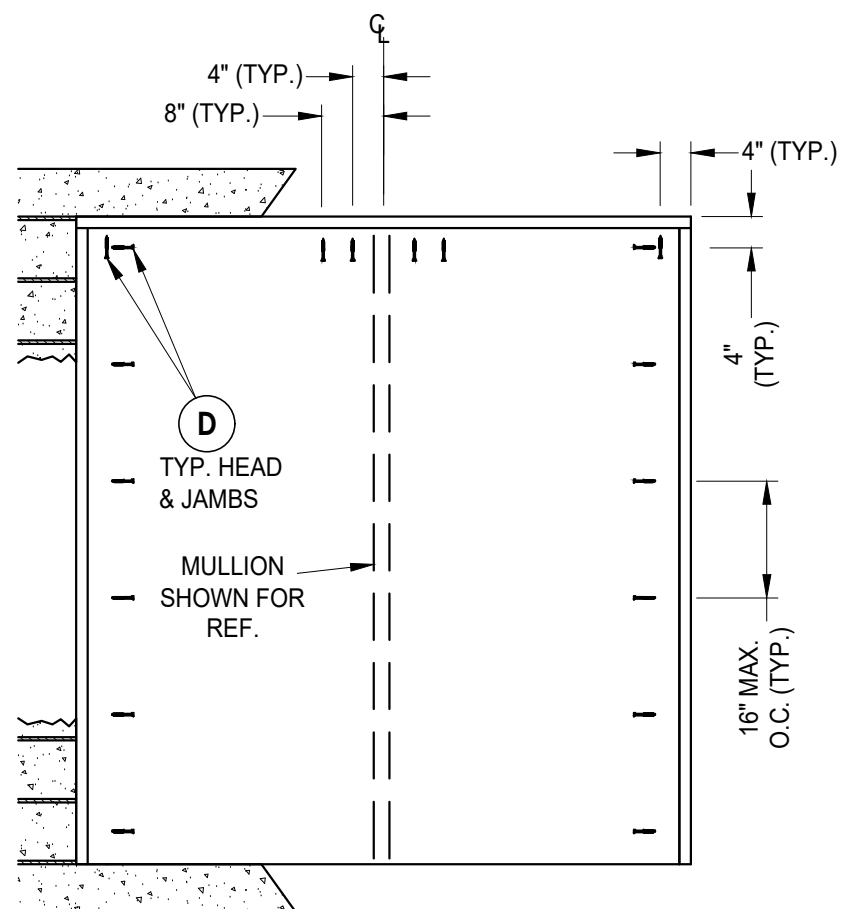
DWG. BY: JK

CHK. BY: LFS

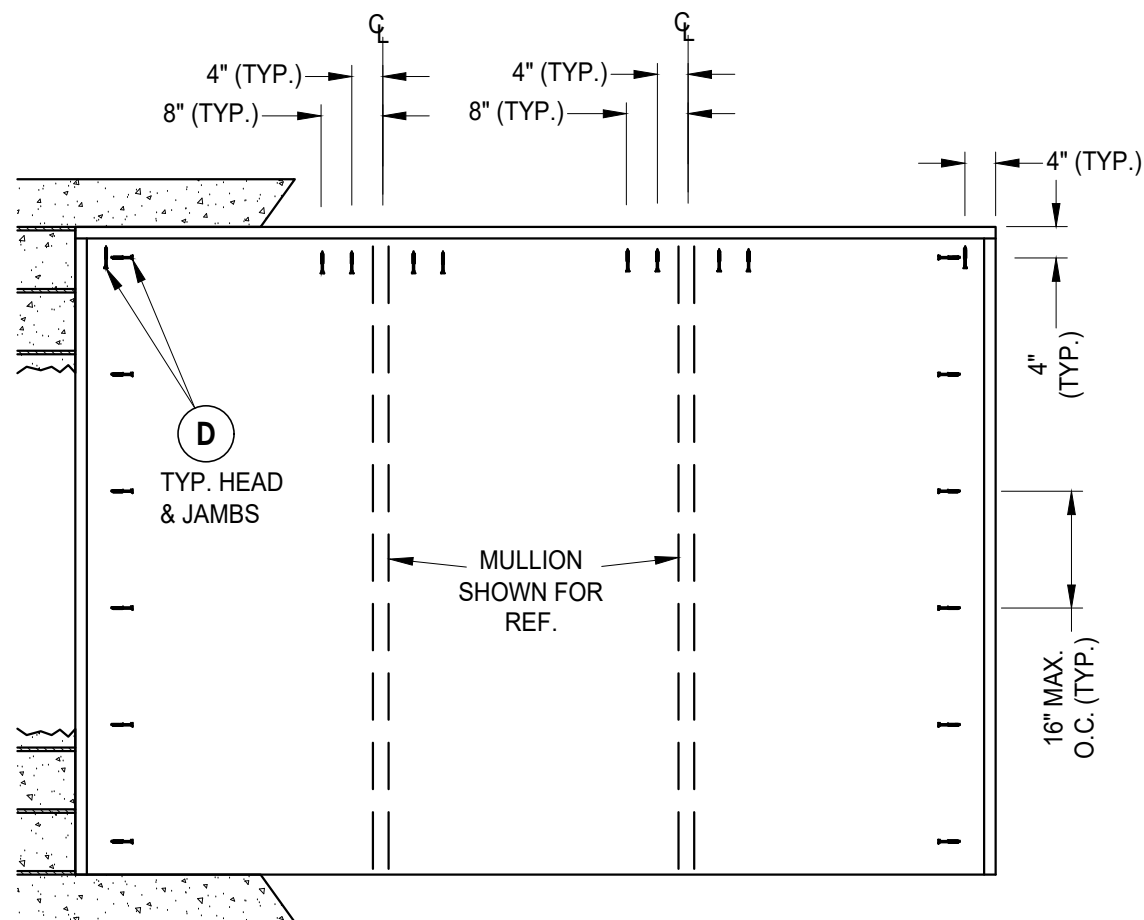
DRAWING NO.:

FL-14803.8

SHEET 8 OF 11



BUCK ANCHORING  
OX



**BUCK ANCHORING**  
OXO

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 ULTRA-CON® | 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.

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

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

**PRODUCT:**

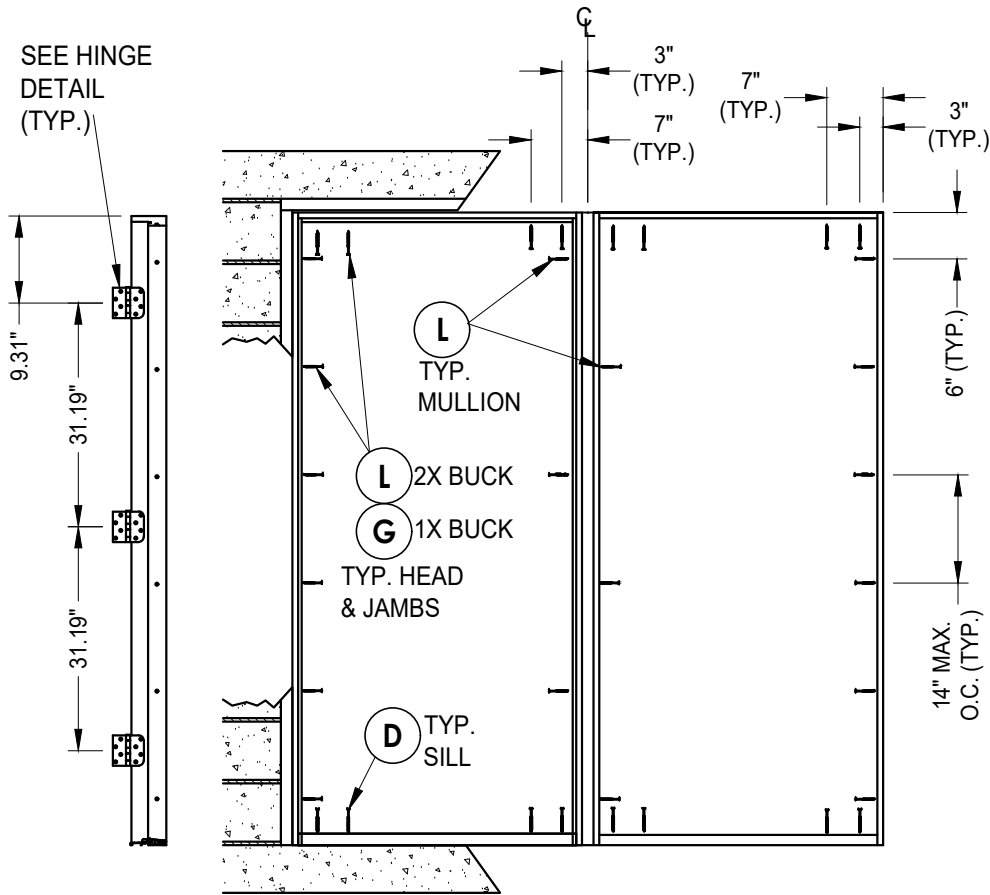
DLP  
WINDSERT

**PART OR ASSEMBLY:**

## BUCK ANCHORING

[illegible]

Z:\2023 FBC Drawings\DLP-Pressrite, Inc\FL-14803 R7 Ext Doors\FL-14803.7-9.dwg



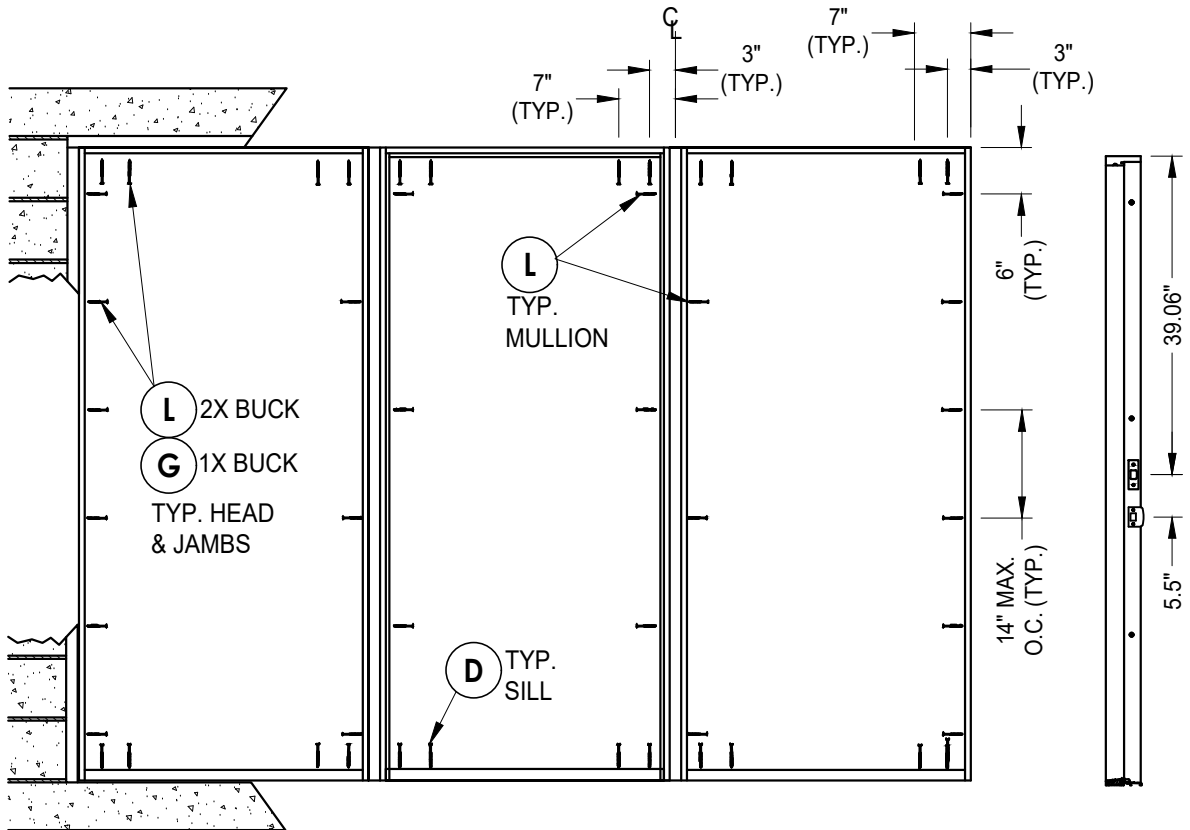
HINGE JAMB

FRAME ANCHORING  
OX

STRIKE MULLION

HINGE MULLION

SEE HINGE  
DETAIL  
(TYP.)



FRAME ANCHORING  
OXO

STRIKE MULLION

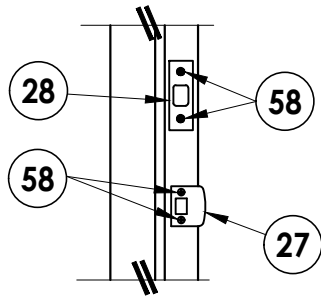
CONCRETE ANCHOR NOTES:

- 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:

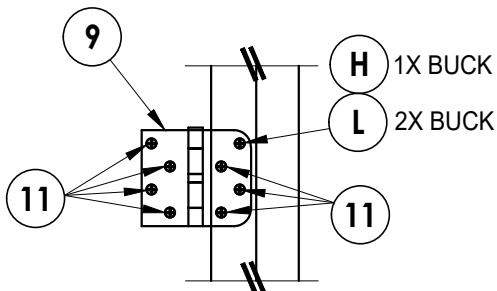
| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®      | 1/4"        | 1-1/4"         | 2"    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

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.



LATCH AND DEADBOLT  
Details



HINGE DETAIL  
Outswing

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:

DLP

WINDSERT

PART OR ASSEMBLY:

FRAME ANCHORING

DATE: 9/14/15

SCALE: N.T.S.

DWG. BY: JK

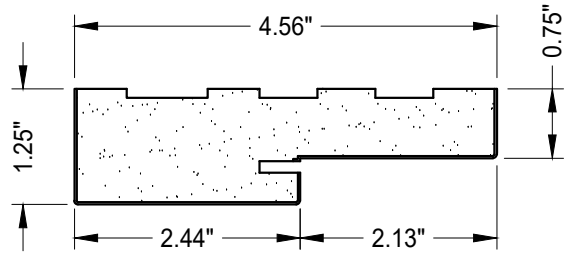
CHK. BY: LFS

DRAWING NO.:

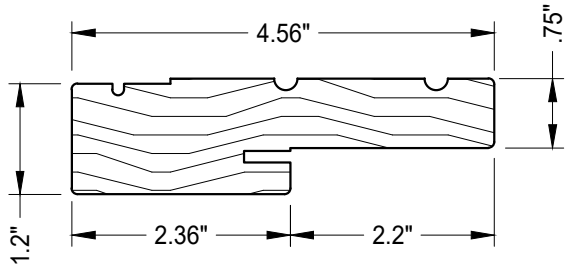
FL-14803.8

SHEET 10 OF 11

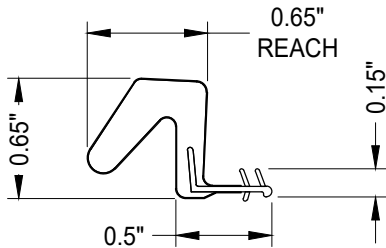
| BILL OF MATERIALS |                                                                                                |               |
|-------------------|------------------------------------------------------------------------------------------------|---------------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL      |
| A                 | 1X BUCK SG >= 0.55                                                                             | WOOD          |
| B                 | 2X BUCK SG >= 0.55                                                                             | WOOD          |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -             |
| D                 | 1/4" X 2-3/4" 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      |
| G                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL         |
| H                 | 3/16" x 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                | STEEL         |
| I                 | 1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL         |
| L                 | #8 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)                                                   | STEEL         |
| K                 | #9 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL         |
| 1                 | POLY FIBER JAMB                                                                                | COMP. / VINYL |
| 2                 | FINGER JOINTED PINE FRAME                                                                      | WOOD          |
| 7                 | WEATHERSTRIP                                                                                   | FOAM          |
| 9                 | 4" X 4" BUTT HINGE                                                                             | STEEL         |
| 11                | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL         |
| 12                | BULB VINYL WEATHERSTRIP                                                                        | VINYL         |
| 25                | #12 X 1" PFH SELF DRILLING SMS                                                                 | STEEL         |
| 27                | LATCH STRIKE PLATE                                                                             | STEEL         |
| 28                | DEADBOLT STRIKE PLATE (SECURITY)                                                               | STEEL         |
| 30                | OUTSWING THRESHOLD                                                                             | ALUM/WOOD     |
| 40                | DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS                                           | -             |
| 50                | SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS                                   | -             |
| 58                | #8 X 2" PFH WS                                                                                 | STEEL         |
| 60                | SECURITY SCREEN (ALUM 6063-T6) - OPTIONAL                                                      | ALUM / SS     |
| 88                | 2X REINFORCEMENT SG >= 0.55                                                                    | WOOD          |



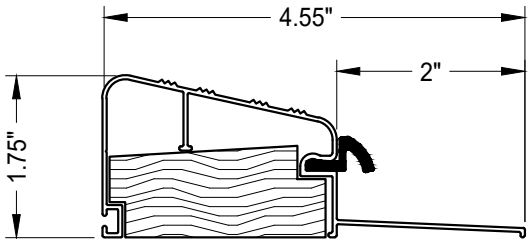
**1** **POLY FIBER JAMB**  
Plastpro



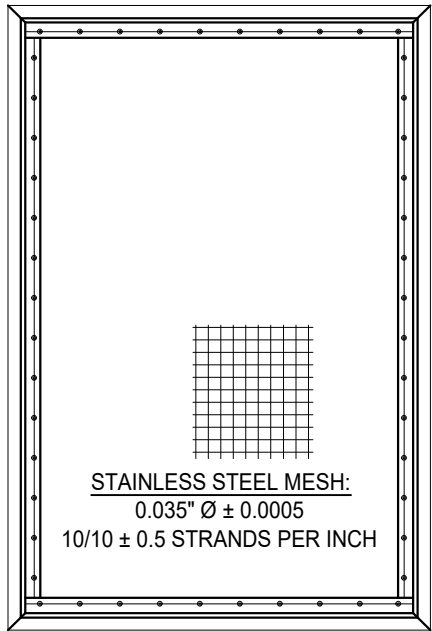
**2 WOOD JAMB**



## 7 WEATHERSTRIP



**30** **OUTSWING THRESHOLD**  
DLP (QOSR)



**60 SECURITY SCREEN**  
ALUM (6063-T6)

[illegible]