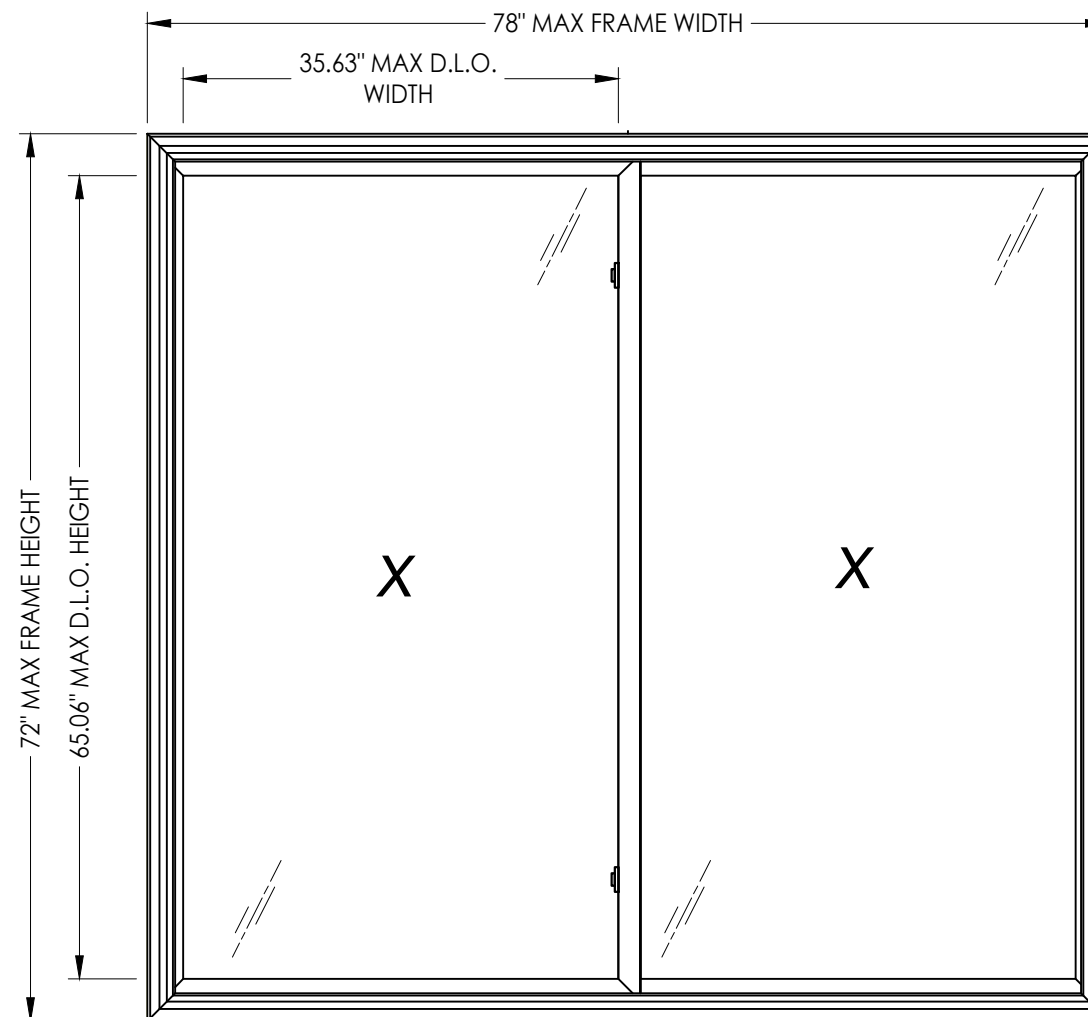


## GENERAL NOTES

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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.

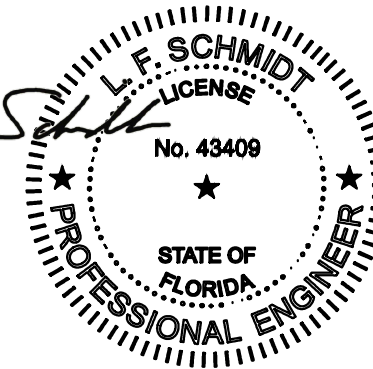
| TABLE OF CONTENTS |                                                        |
|-------------------|--------------------------------------------------------|
| SHEET#            | DESCRIPTION                                            |
| 1                 | Typical elevations, design pressures and general notes |
| 2                 | Horizontal cross sections                              |
| 3                 | Vertical cross sections                                |
| 4                 | Buck and frame anchoring                               |
| 5                 | Components                                             |
| 6                 | Bill of materials & glazing detail                     |



XX SHOWN  
OX, XO ALSO APPROVED

| MAX.<br>FRAME<br>DIMENSION | MAX.<br>D.L.O.<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------------|-----------------------------|---------------|-----------------------|----------|
|                            |                             |               | POSITIVE              | NEGATIVE |
| 63.0" X 44.0"              | 27.63" X 37.06"             | G2            | +30.0                 | -30.0    |
| 72.0" X 48.0"              | 32.13" X 41.06"             | G1            | +45.0                 | -45.0    |
| 74.0" X 63.0"              | 33.13" X 56.06"             | G1            | +25.0                 | -25.0    |
| 78.0" X 72.0"              | 35.63" X 65.06"             | G1            | +20.0                 | -20.0    |

\*\* Meeting stile reinforcement is not required



Digitally signed by Lyndon F  
Schmidt  
Date: 2026.07.27 12:20:49 -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

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:** 5400/5400S SERIES

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

[illegible]

DATE: 10/4/13

SCALE: N.T.S.

DWG. BY: JK

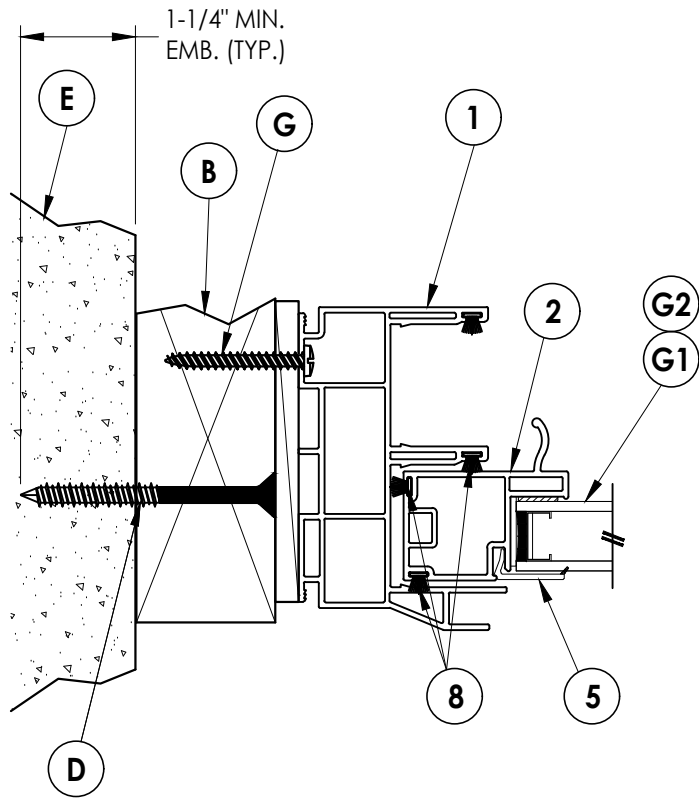
CHK. BY: LFS

DRAWING NO.:

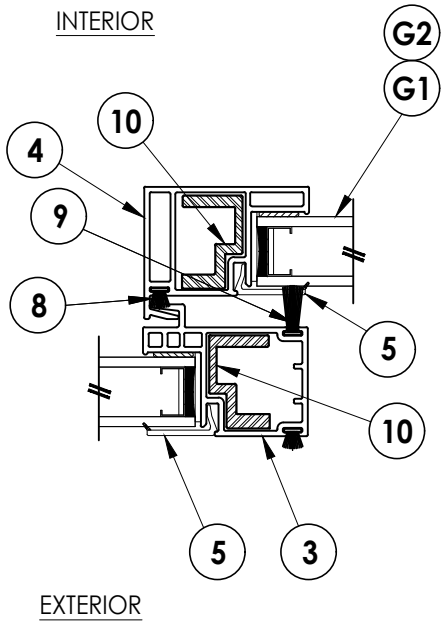
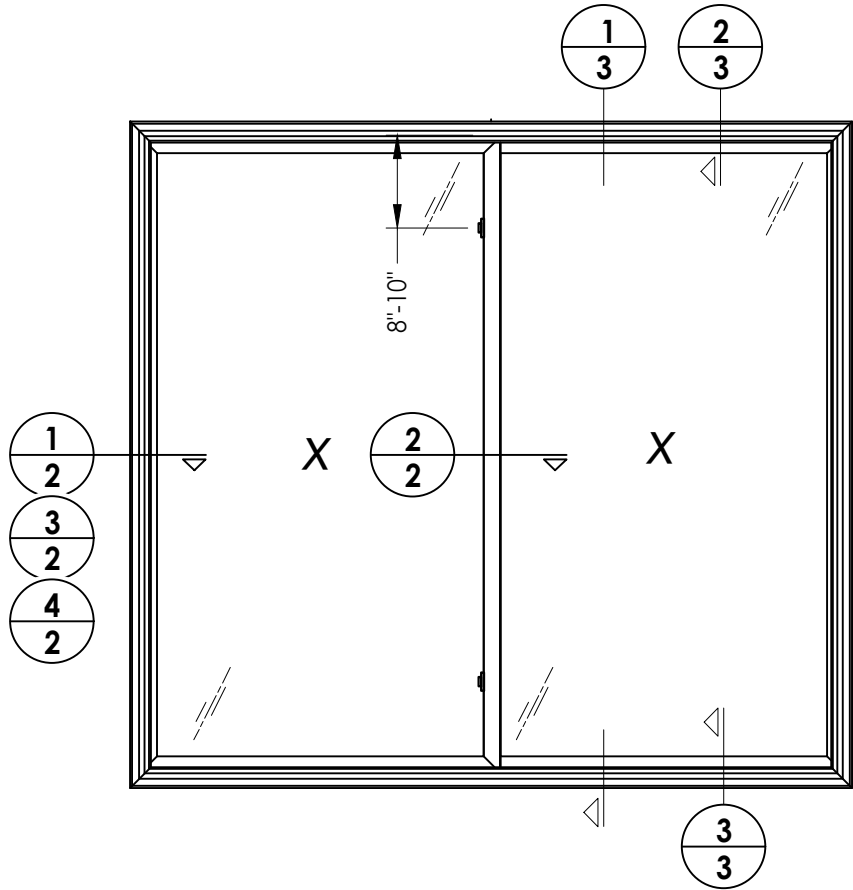
FL-16092.18

SHEET 1 OF 6

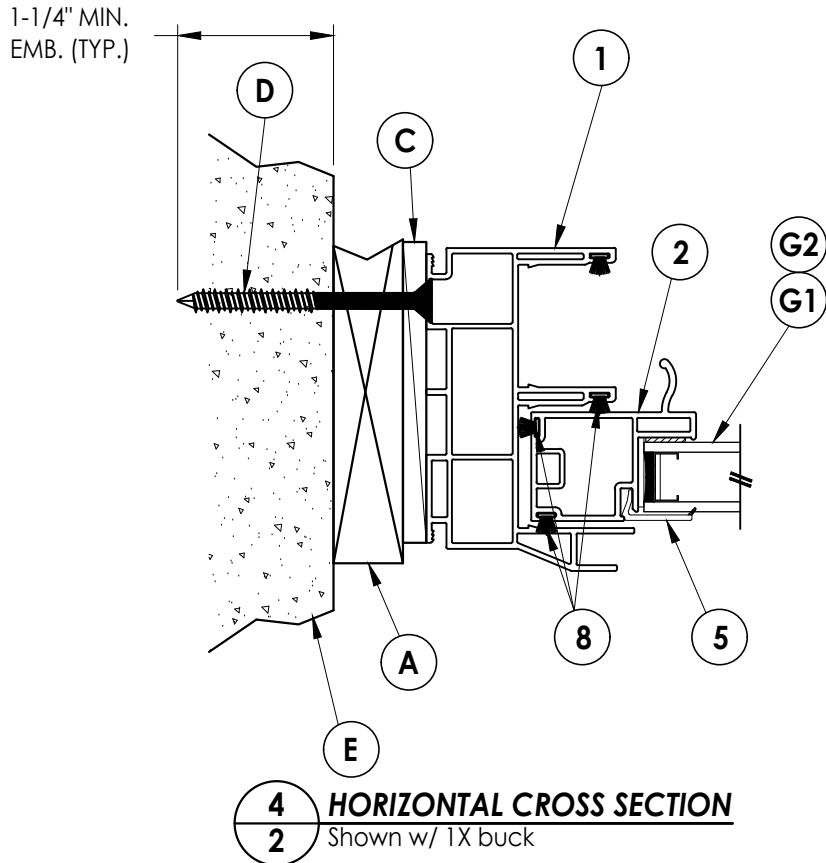
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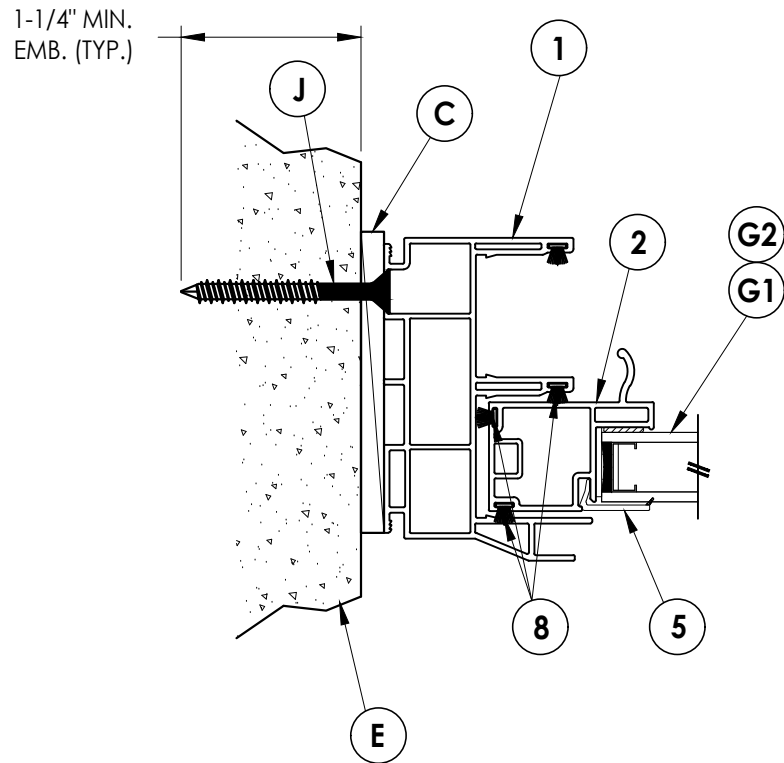
**1**  
**2** **HORIZONTAL CROSS SECTION**  
Shown w/ 2X buck



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



**4**  
**2** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X buck



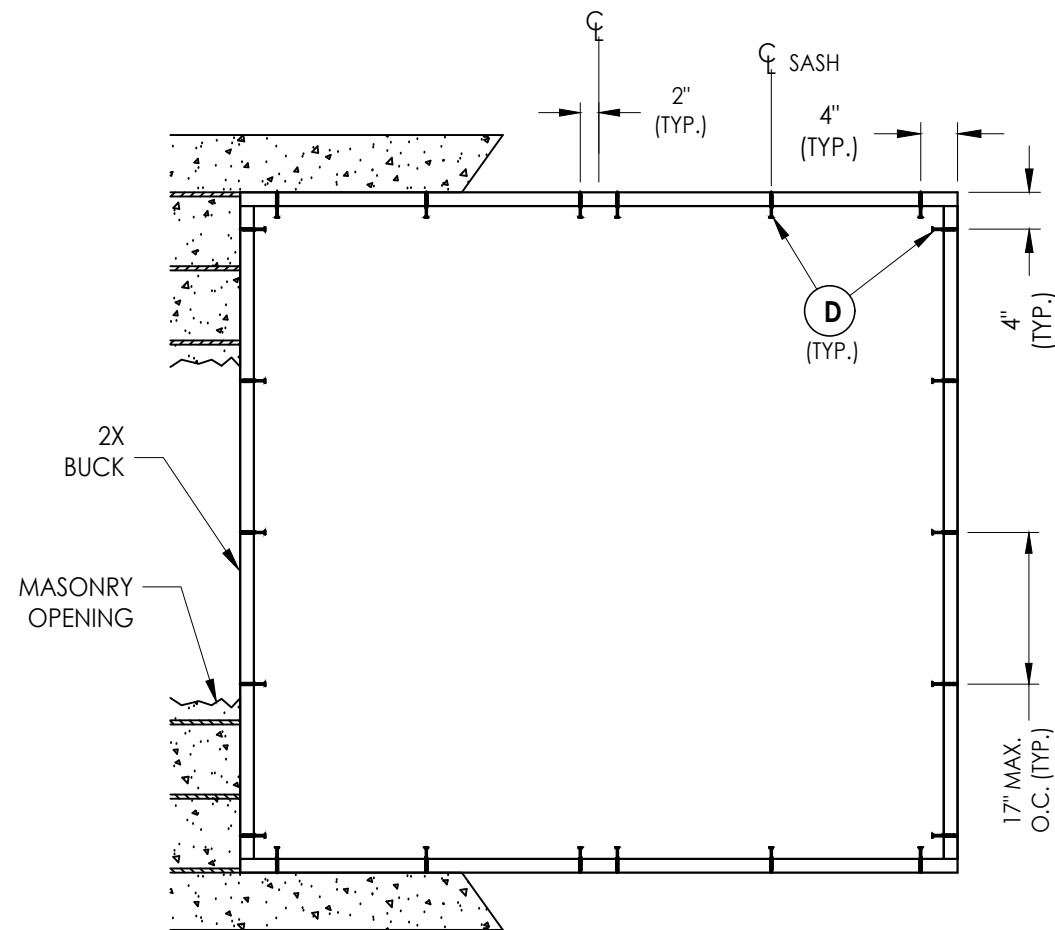
**3**  
**2** **HORIZONTAL CROSS SECTION**  
Shown direct to masonry

| DATE:        |  | 10/4/13     |  |
|--------------|--|-------------|--|
| SCALE:       |  | N.T.S.      |  |
| DWG. BY:     |  | JK          |  |
| CHK. BY:     |  | LFS         |  |
| DRAWING NO.: |  | FL-16092.18 |  |
| SHEET        |  | 2 OF 6      |  |

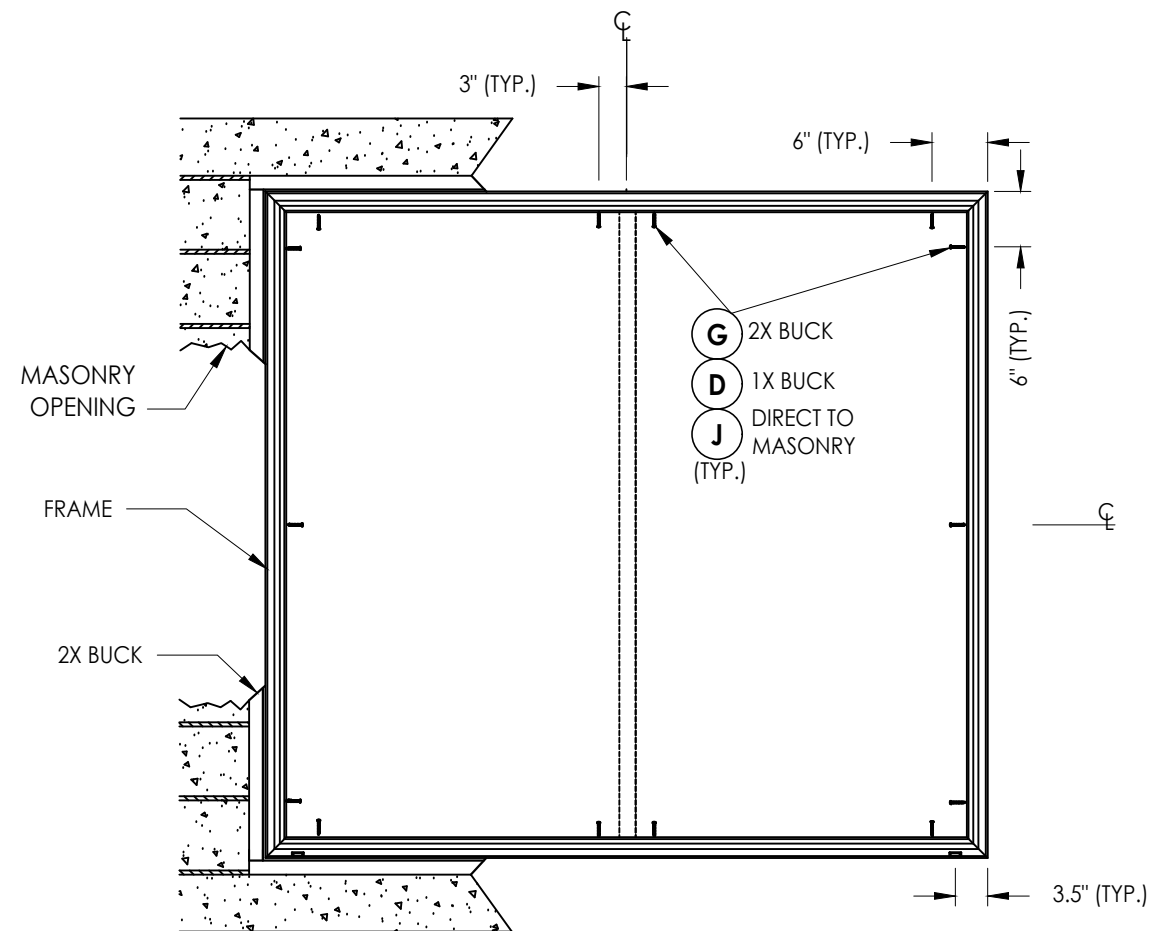
| PRODUCT:          |  | 5400/5400S SERIES         |  |
|-------------------|--|---------------------------|--|
| PART OR ASSEMBLY: |  | HORIZONTAL CROSS SECTIONS |  |

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





## 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 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.

## CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

|     |         |                   |        |     |           |
|-----|---------|-------------------|--------|-----|-----------|
|     |         |                   |        |     |           |
|     |         |                   |        |     |           |
|     |         |                   |        |     |           |
| 5   | 7/01/26 | UPDATE TO 9TH ED. | (2026) | FBC | LFS       |
| 4   | 7/06/23 | UPDATE TO 8TH ED. | (2023) | FBC | LFS       |
| 3   | 7/06/20 | UPDATE TO 7TH ED. | (2020) | FBC | LFS       |
| 2   | 6/01/17 | UPDATE TO 6TH ED. | (2017) | FBC | LFS       |
| NO. | DATE    |                   |        |     | BY        |
|     |         |                   |        |     | REVISIONS |

DATE: 10/4/13

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16092.18

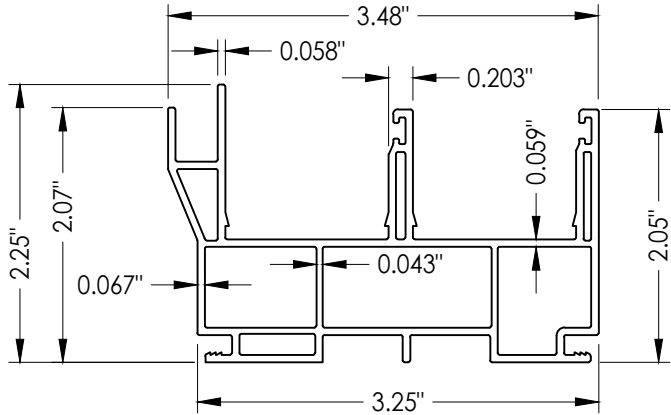
SHEET 4 OF 6

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

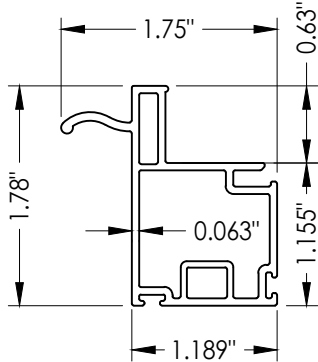
**BUILDING CONSULTANTS, INC.**  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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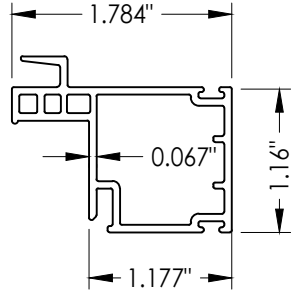
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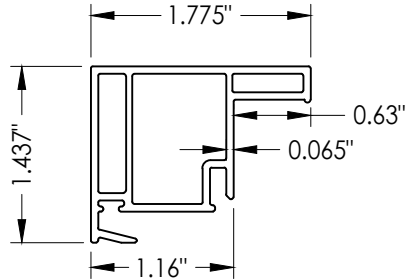
1 FRAME



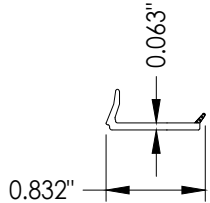
2 SLIDER PULL STILE



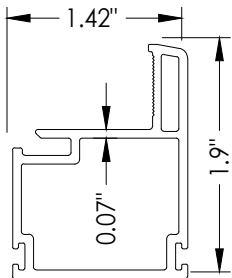
3 LOCK STILE



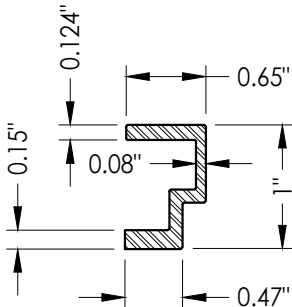
4 KEEPER STILE



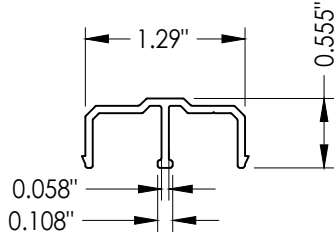
5 GLAZING BEAD



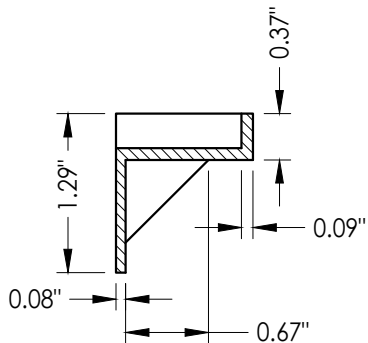
6 SLIDER COMMON RAIL



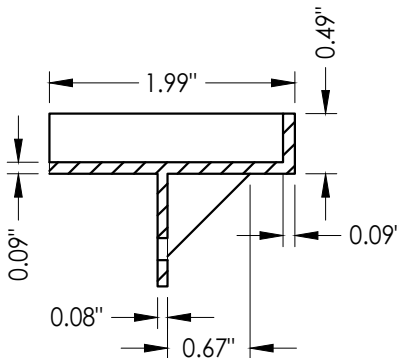
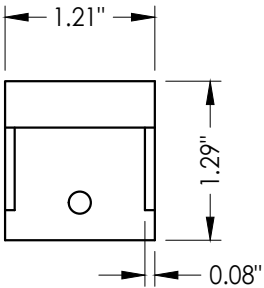
10 REINFORCEMENT



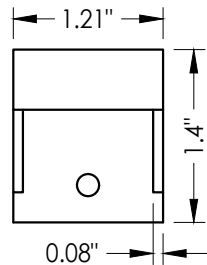
11 SILL TRACK



19 LOWER FLANKER STOP



20 UPPER FLANKER STOP



| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 4   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 3   | 7/06/20 | UPDATE TO 7TH ED. (2020) FBC LFS |
| 2   | 6/01/17 | UPDATE TO 6TH ED. (2017) FBC LFS |
| 1   |         | BY                               |

DATE: 10/4/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16092.18

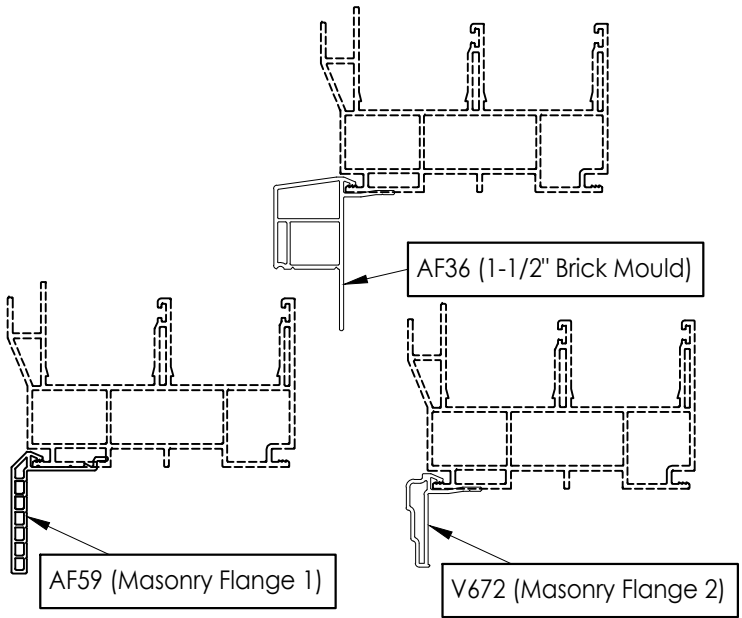
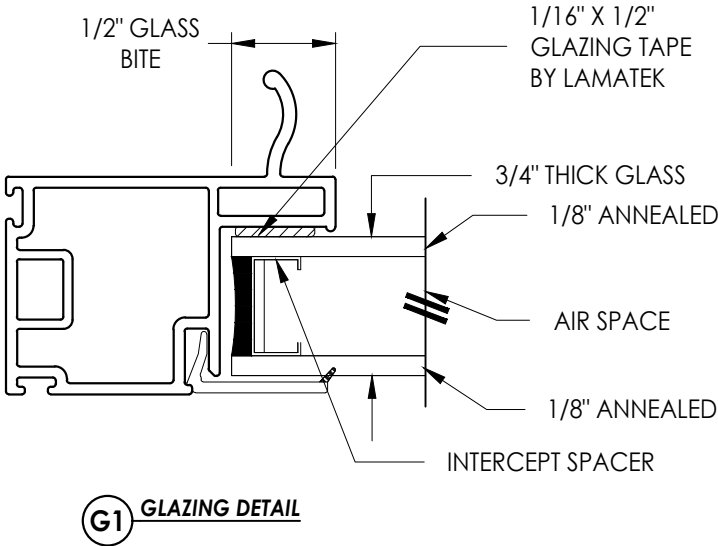
SHEET 5 OF 6

Documents Prepared By:  
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P.E. No. 43409

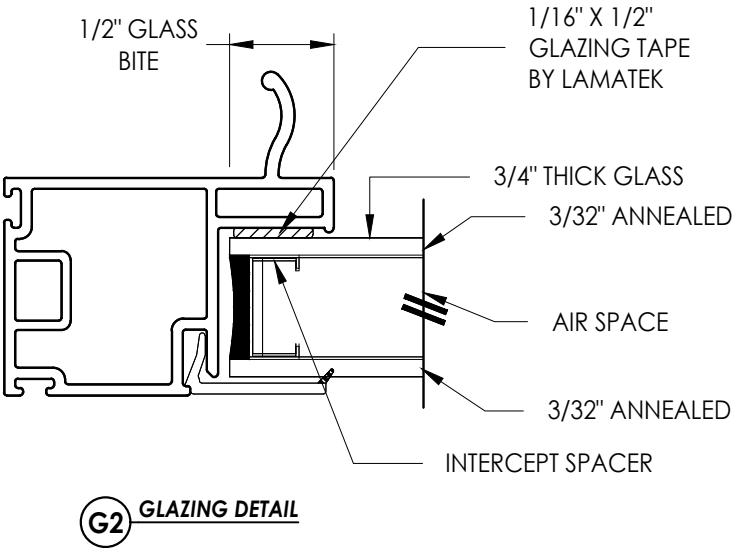
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Vairico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| BILL OF MATERIALS |                                                                                                |           |          |
|-------------------|------------------------------------------------------------------------------------------------|-----------|----------|
| ITEM #            | DESCRIPTION                                                                                    | PART#     | 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" 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                 | #10 X 1-3/4" PPH WOOD SCREW (1-3/16" MIN. EMBEDMENT)                                           | -         | STEEL    |
| J                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | -         | STEEL    |
| K                 | 1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | -         | STEEL    |
| 1                 | FRAME*                                                                                         | DS5401A   | PVC      |
| 2                 | SLIDER PULL STILE*                                                                             | SE4647    | PVC      |
| 3                 | LOCK STILE*                                                                                    | SE4646    | PVC      |
| 4                 | KEEPER STILE*                                                                                  | SE4644    | PVC      |
| 5                 | GLAZING BEAD*                                                                                  | 22841     | PVC      |
| 6                 | SLIDER COMMON RAIL*                                                                            | SE4645    | PVC      |
| 7                 | BALL BEARING ROLLER                                                                            | -         | -        |
| 8                 | WEATHERSTRIP (0.230")                                                                          | -         | -        |
| 9                 | WEATHERSTRIP (0.380")                                                                          | -         | -        |
| 10                | REINFORCEMENT (6063-T6 ALUM)                                                                   | -         | ALUM     |
| 11                | SILL TRACK*                                                                                    | V777      | PVC      |
| 15                | WEEPHOLE CAP*                                                                                  | WEEP-1288 | PVC      |
| 16                | #8 X 3" PFH SMS (1-5/16" MIN. EMBEDMENT)                                                       | -         | STEEL    |
| 17                | #8 X 1-1/4" PFH SMS                                                                            | -         | ALUM     |
| 18                | #8 X 3/4" PFH WOOD SCREW                                                                       | -         | STEEL    |
| 19                | LOWER FLANKER STOP                                                                             | 2991C     | NYLON    |
| 20                | UPPER FLANKER STOP                                                                             | 2991B     | NYLON    |

\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



## OPTIONAL COSMETIC FLANGES

[illegible]