

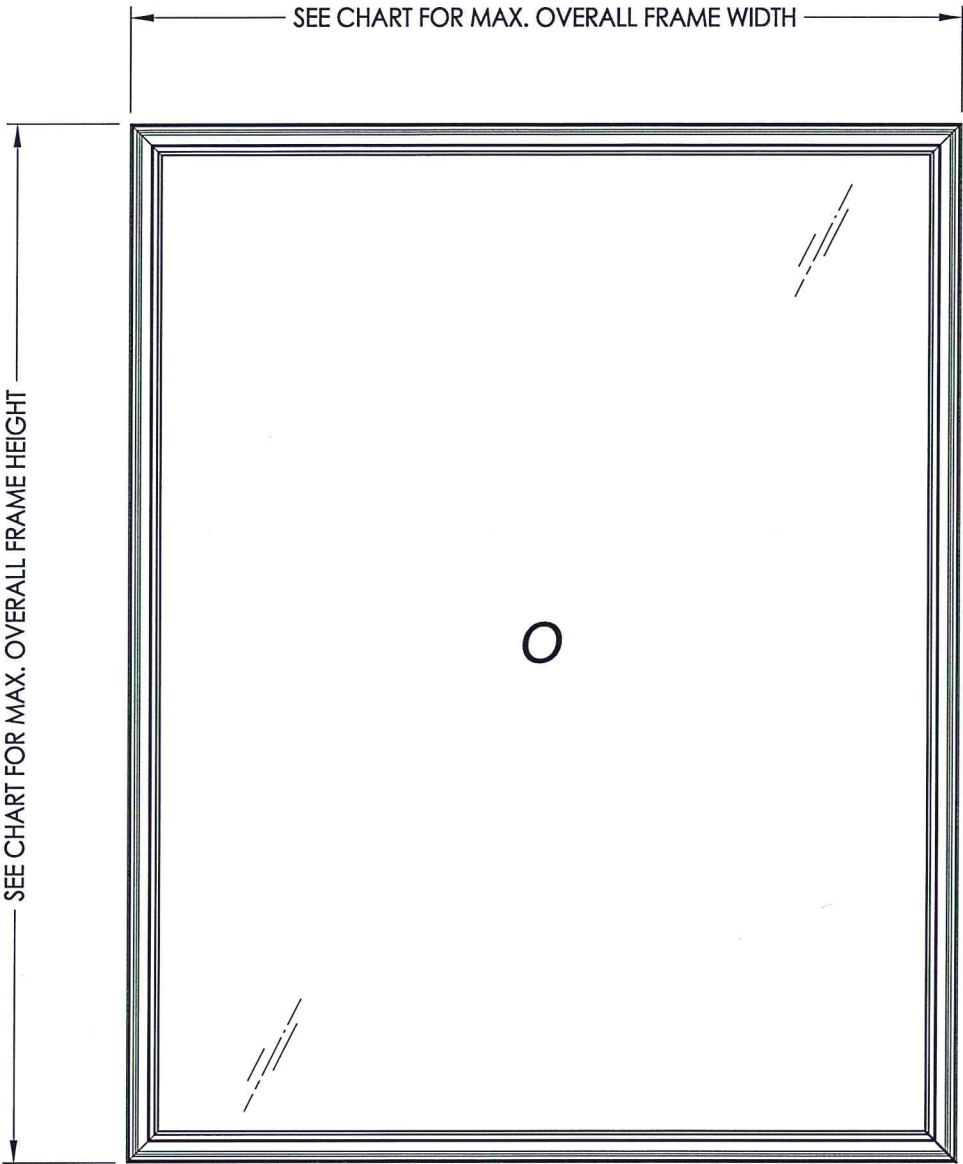


"Vanguard" Series  
Fixed Casement Window  
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 & general notes |
| 2                 | Vertical & horizontal cross sections                 |
| 3                 | Buck & frame anchoring                               |
| 4                 | Buck & frame anchoring                               |
| 5                 | Bill of materials, components & glazing details      |



| MAX. OVERALL<br>FRAME<br>DIMENSION | MAX<br>DAY LITE<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE<br>(PSF) |       |
|------------------------------------|------------------------------|---------------|--------------------------|-------|
|                                    |                              |               | POS.                     | NEG.  |
| 59" X 63"                          | 53.5" x 57.5"                | G1            | +50.0                    | -60.0 |
| 72" X 90"                          | 66.5" x 84.5"                | G2            | +65.0                    | -75.0 |
| 107" X 65"                         | 101.5" x 59.5"               | G3            | +70.0                    | -75.0 |

FLORIDA

SCHMIDT

LICENSE

No. 43409

★

07/27/2020

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry License No. 9813

PRODUCT:

FIXED WINDOW

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE:

10/7/19

SCALE:

N.T.S.

DWG. BY:

TRJ

CHK. BY:

LFS

DRAWING NO.:

FL-26908.14

SHEET

1

OF

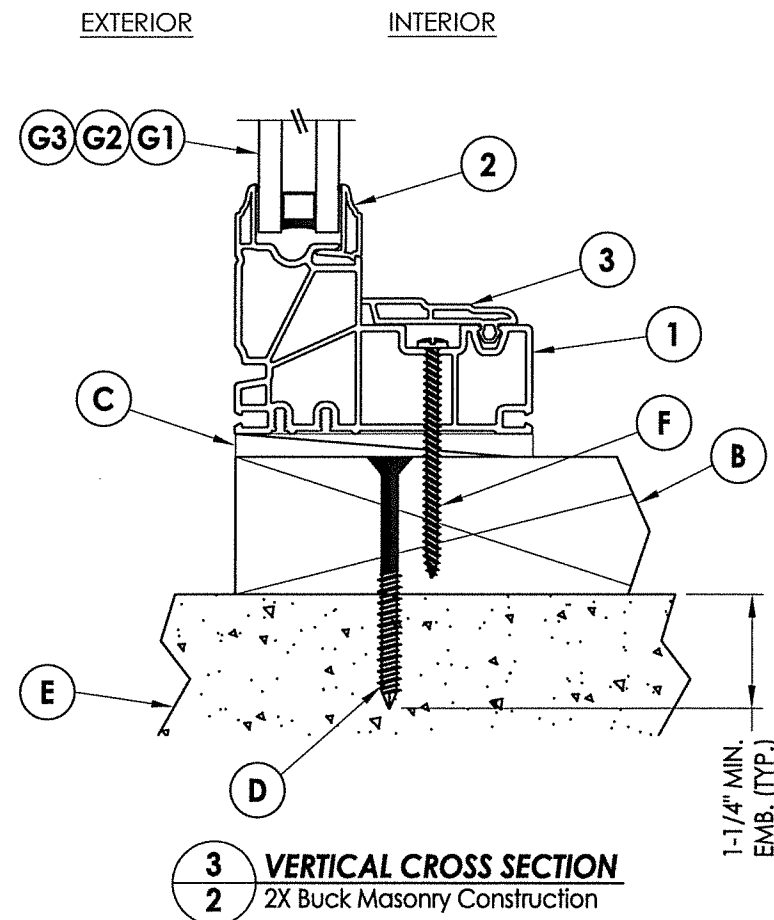
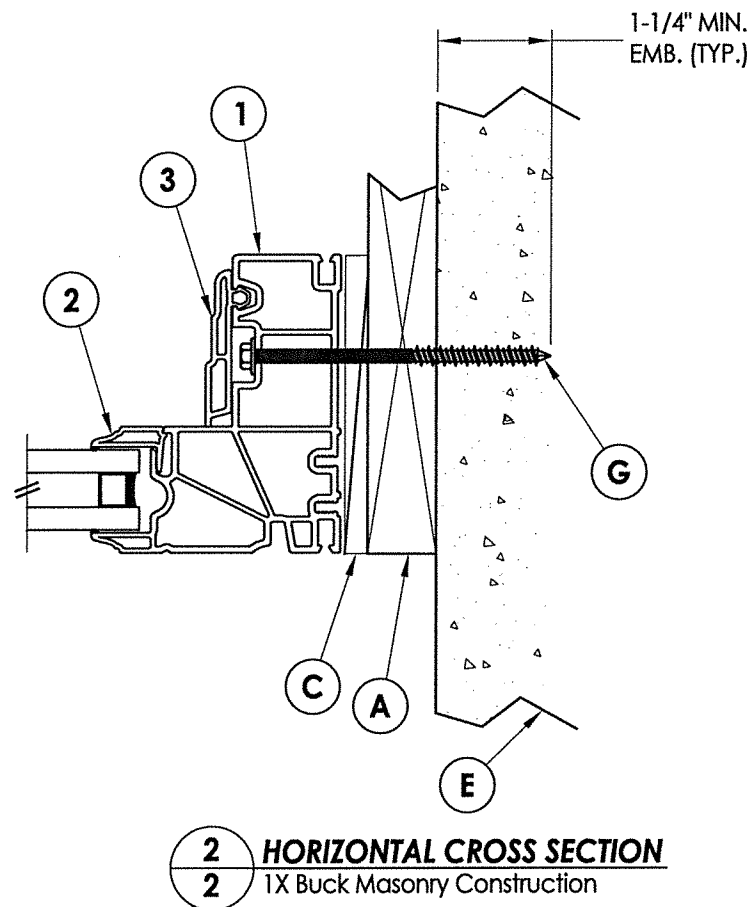
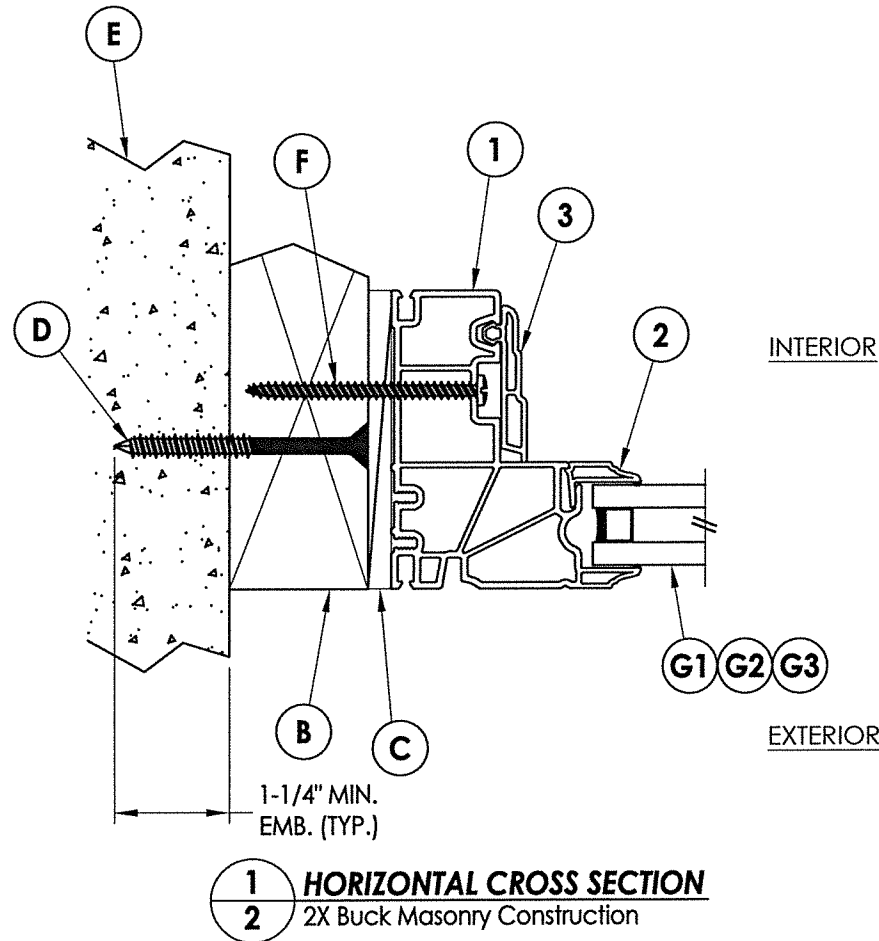
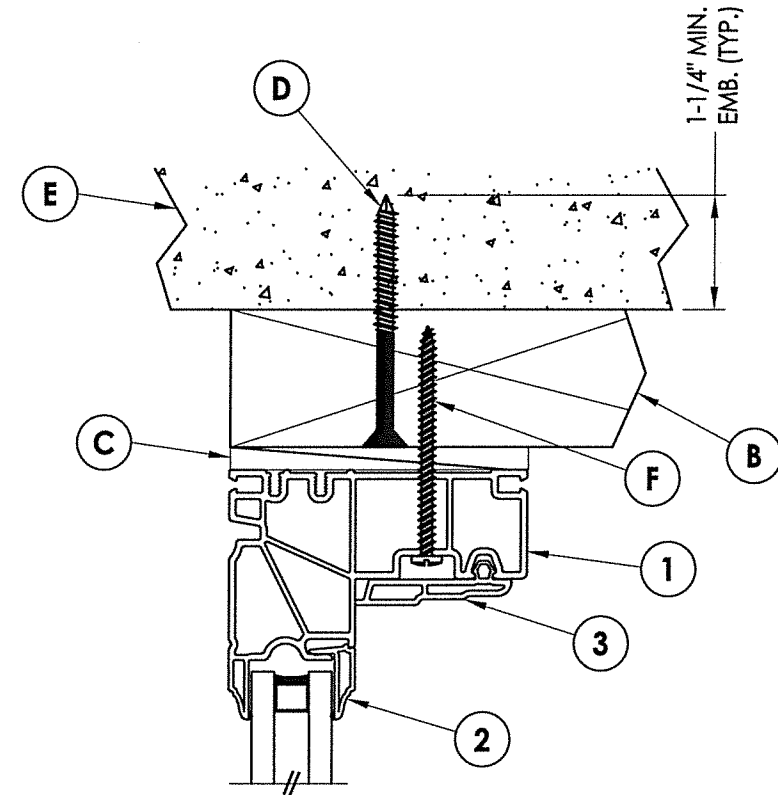
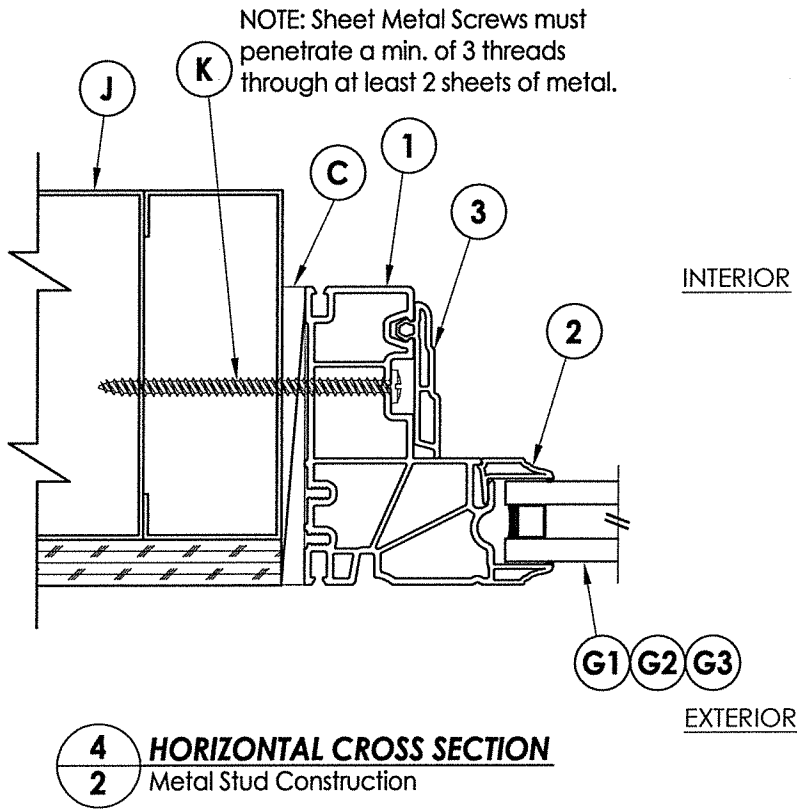
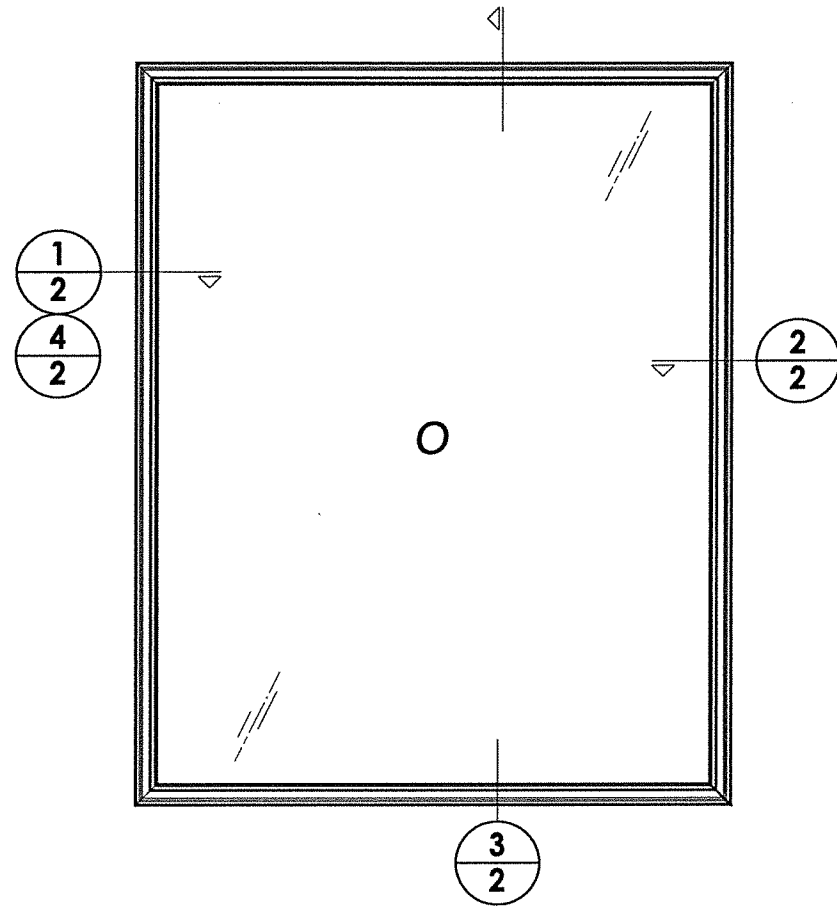
5

REVISIONS

|     |         |                          |     |
|-----|---------|--------------------------|-----|
| 2   | 7/27/20 | UPDATE TO 7th (2020) FBC | DAC |
| 1   | 3/04/20 | ADDED NEW FRAME SIZES    | LFS |
| NO. | DATE    |                          | BY  |

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\\dc01\wbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26908 - Fixed Window\C - Drawings\FL 26908 (2020)\FL-26908.14.dwg



07/27/2020  
Documents Prepared By:  
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**STATE OF FLORIDA**  
**REGISTERED PROFESSIONAL ENGINEER**  
No. 43409

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

**PRODUCT:** FIXED WINDOW

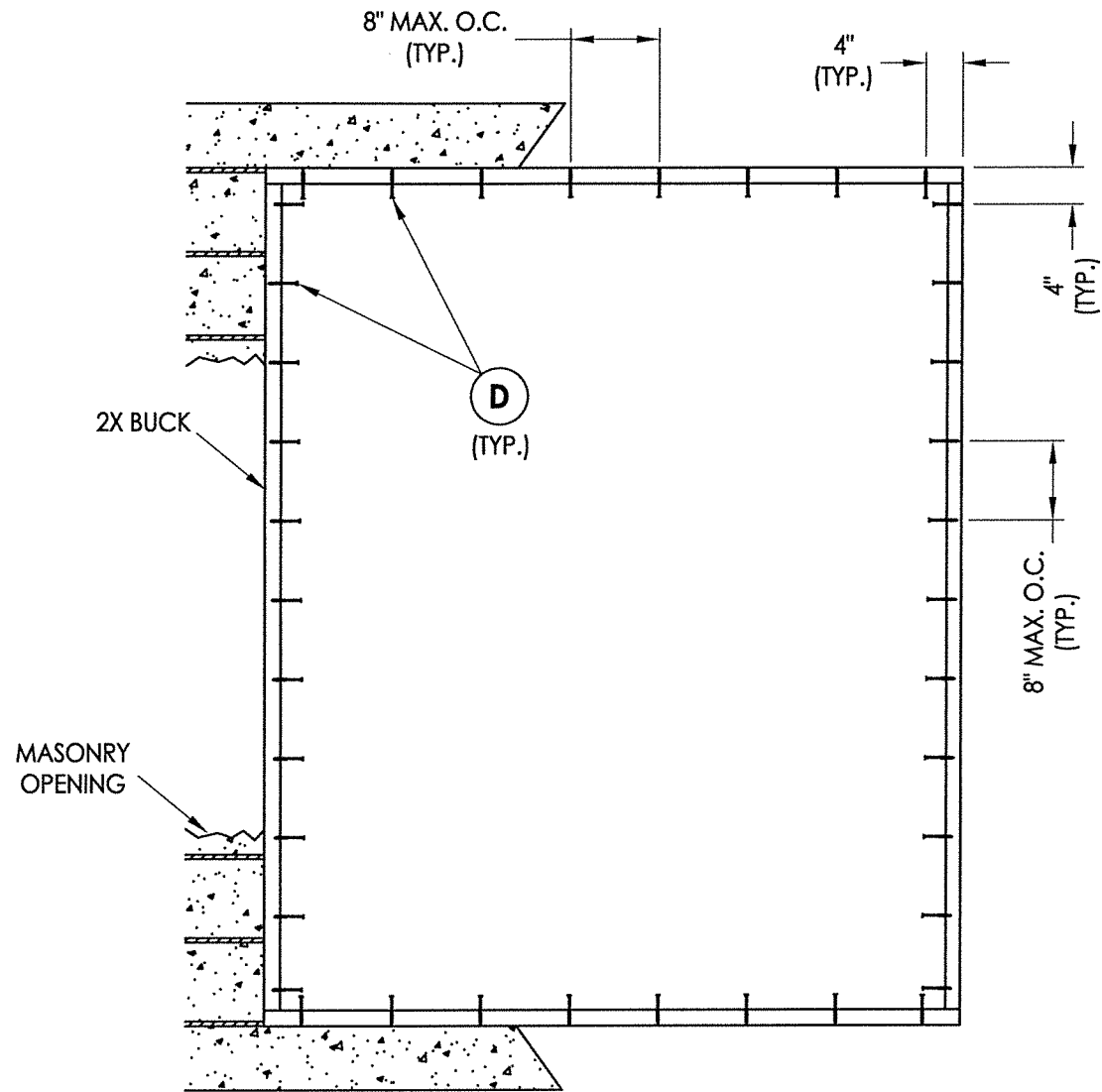
**PART OR ASSEMBLY:** VERTICAL & HORIZONTAL CROSS SECTIONS

| NO. | DATE    | REVISIONS                |
|-----|---------|--------------------------|
| 2   | 7/27/20 | UPDATE TO 7th (2020) FBC |
| 1   | 3/04/20 | ADDED NEW FRAME SIZES    |

DATE: 10/7/19  
SCALE: N.T.S.  
DWG. BY: TRJ  
CHK. BY: LFS  
DRAWING NO.: FL-26908.14  
SHEET 2 OF 5

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**BUCK ANCHORING**

8" O.C. ANCHOR SPACING SHOWN FOR MAX. DESIGN PRESSURE = 75 PSF  
(12" O.C. ANCHOR SPACING FOR MAX. DESIGN PRESSURE = 45 PSF)

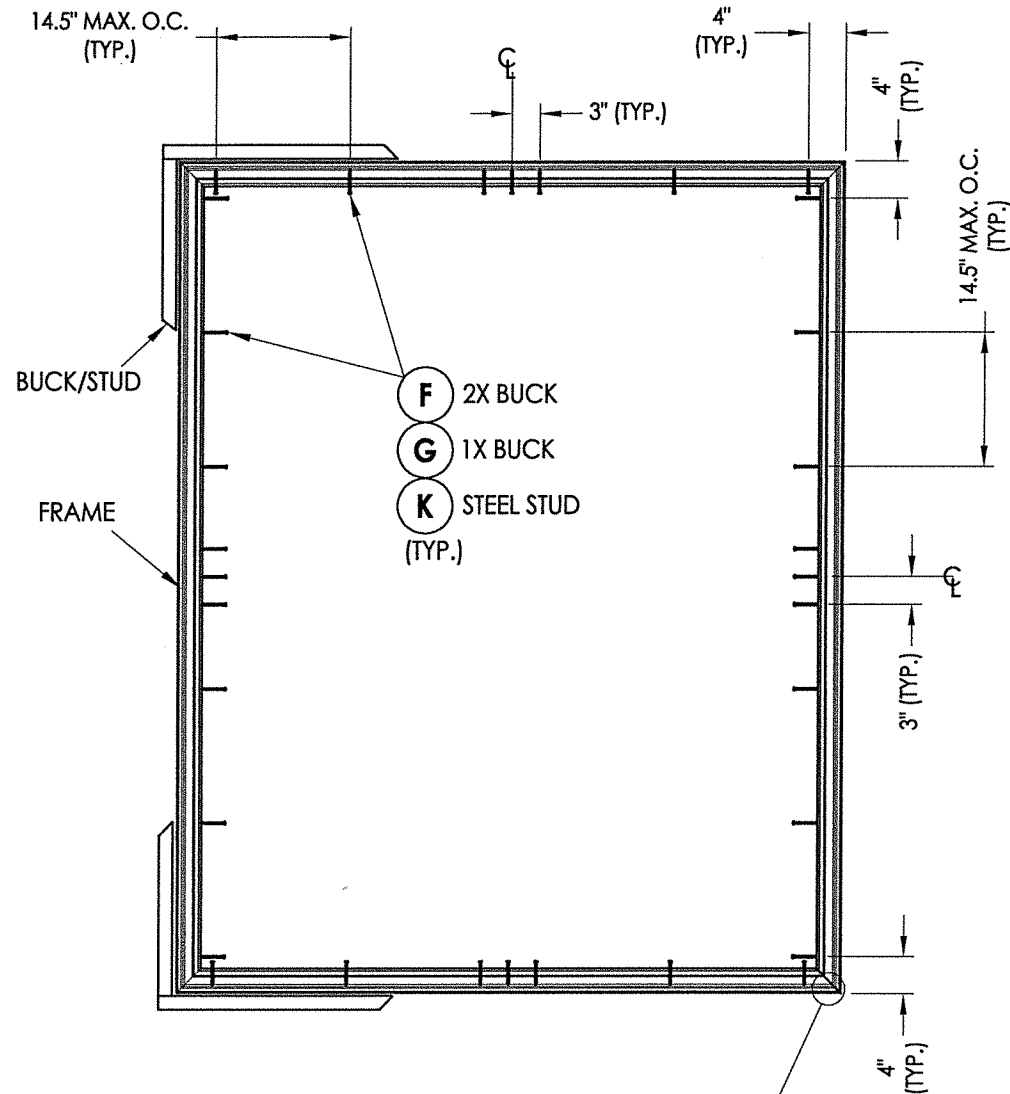
**CONCRETE ANCHOR NOTES:**

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"                                |
| ELCO ULTRACON® | 1/4"        | 1-1/4"         | 2-1/2"                         | 4"                                |

**WOOD SCREW INSTALLATION NOTES:**

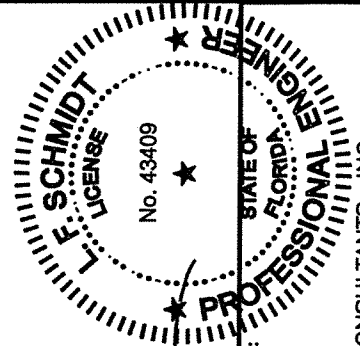
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



**FRAME ANCHORING**

NOTE: MAX. POSITIVE DESIGN PRESSURE WITH  
WEEP HOLES AT EACH END = 40 PSF

MAXIMUM FRAME SIZE = 72" X 90"



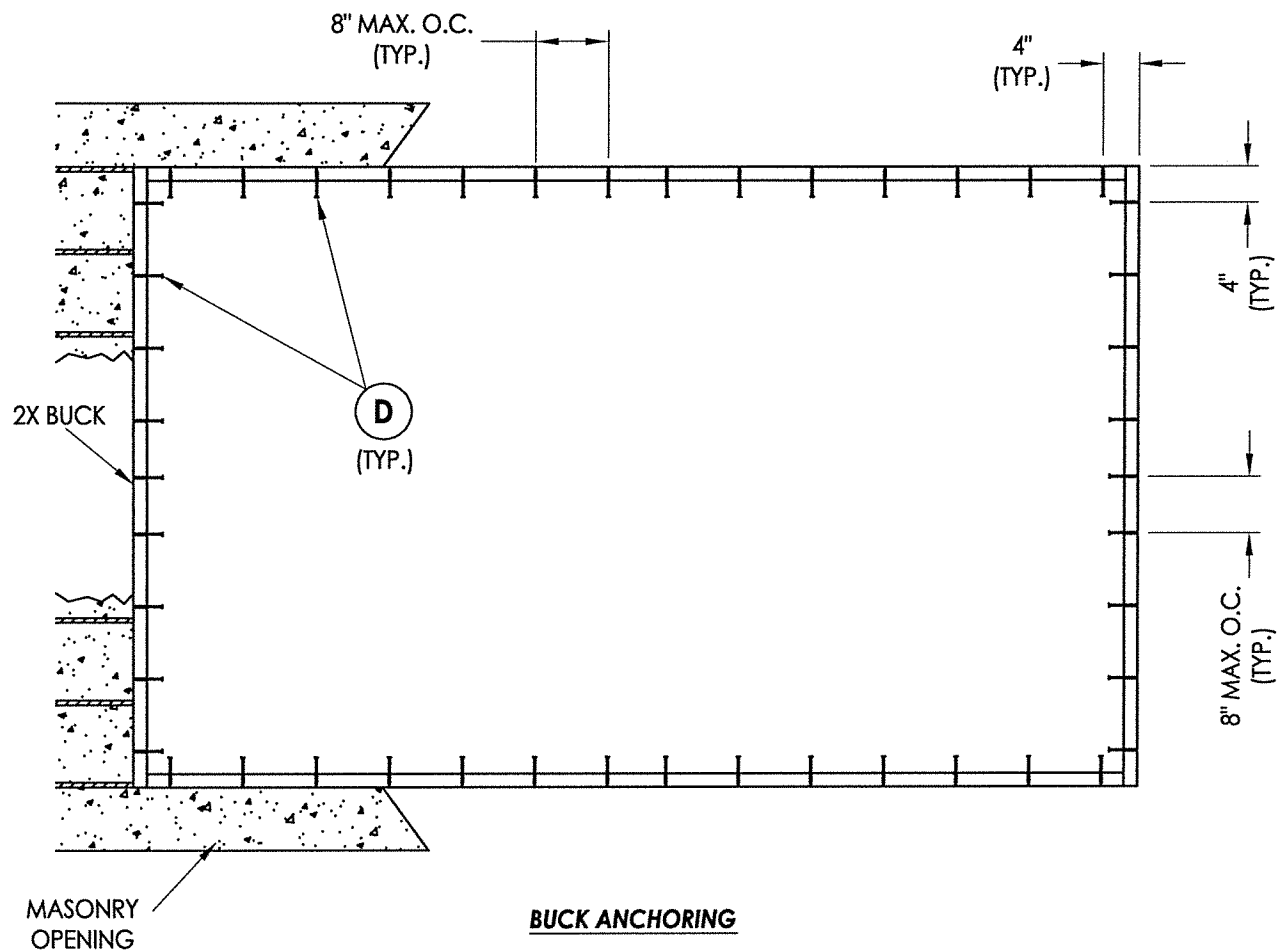
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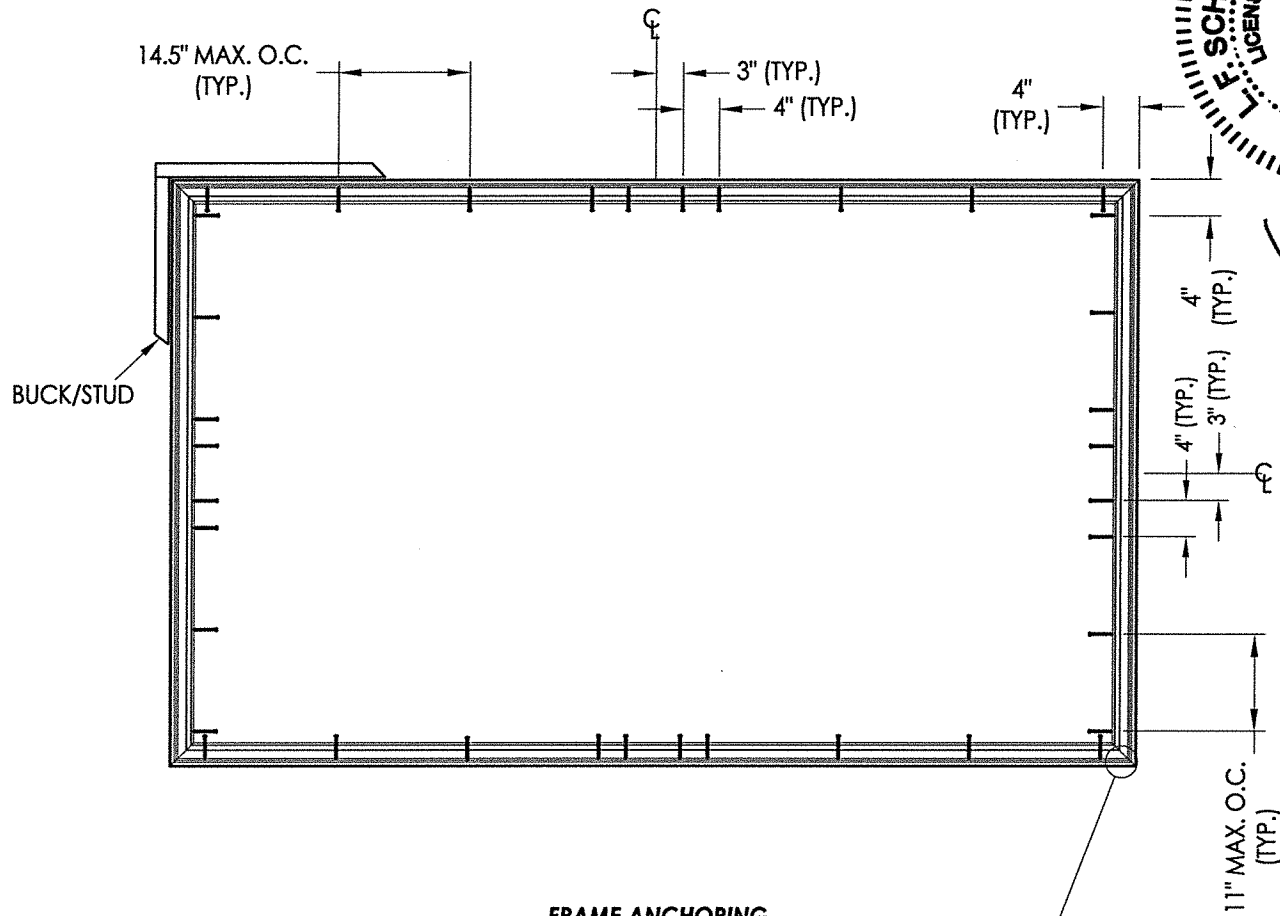
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry License No. 9813

| PRODUCT:                 |         | PART OR ASSEMBLY:        |     |
|--------------------------|---------|--------------------------|-----|
| FIXED WINDOW             |         | BUCK & FRAME ANCHORING   |     |
| NO.                      | DATE    | REVISIONS                | BY  |
| 2                        | 7/27/20 | UPDATE TO 7th (2020) FBC | DAC |
| 1                        | 3/04/20 | ADDED NEW FRAME SIZES    | LFS |
| DATE: 10/7/19            |         |                          |     |
| SCALE: N.T.S.            |         |                          |     |
| DWG. BY: TRJ             |         |                          |     |
| CHK. BY: LFS             |         |                          |     |
| DRAWING NO.: FL-26908.14 |         |                          |     |
| SHEET 3 OF 5             |         |                          |     |

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8" O.C. ANCHOR SPACING SHOWN FOR MAX. DESIGN PRESSURE = 75 PSF  
(12" O.C. ANCHOR SPACING FOR MAX. DESIGN PRESSURE = 45 PSF)



FRAME ANCHORING

NOTE: MAX. POSITIVE DESIGN PRESSURE WITH  
WEEP HOLES AT EACH END = 40 PSF

MAXIMUM FRAME SIZE = 107" X 65"

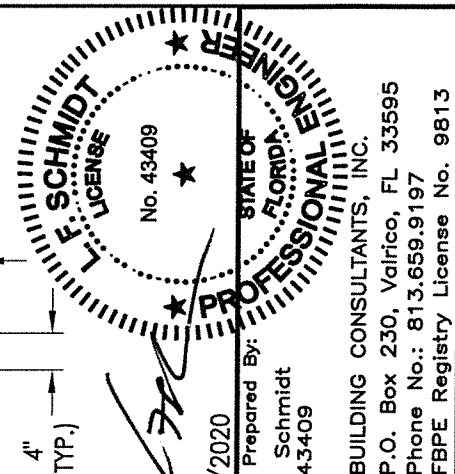
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- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
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|----------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®    | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| ELCO ULTRACON® | 1/4"        | 1-1/4"         | 2-1/2"                         | 4"                                |

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.



07/27/2020

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FBPE Registry License No. 9813

PRODUCT: FIXED WINDOW

PART OR ASSEMBLY:  
BUCK & FRAME  
ANCHORING

| NO. | DATE    | REVISIONS                |
|-----|---------|--------------------------|
| 2   | 7/27/20 | UPDATE TO 7th (2020) FBC |
| 1   | 3/04/20 | ADDED NEW FRAME SIZES    |
| 1   |         |                          |

DATE: 10/7/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

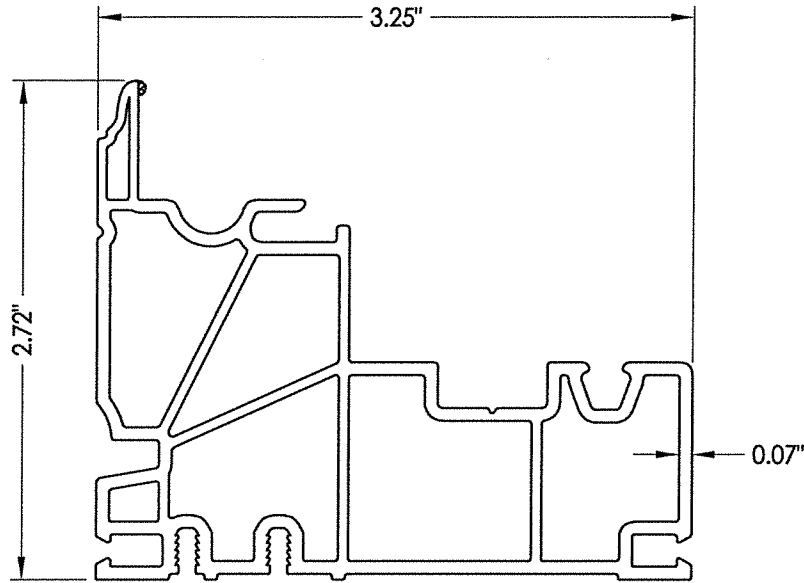
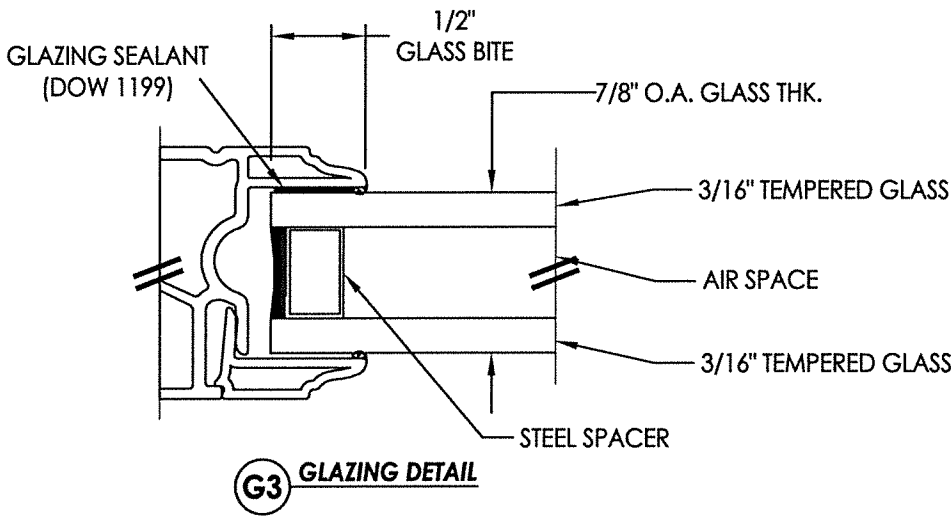
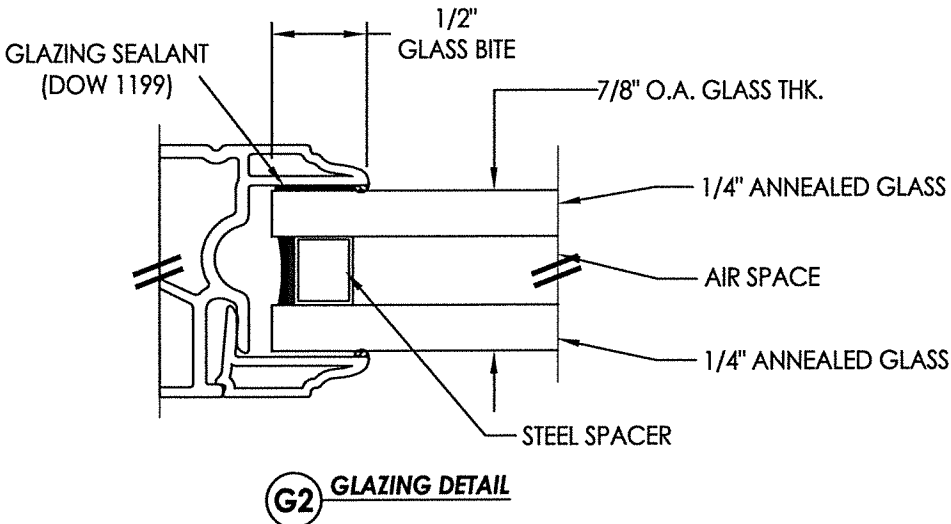
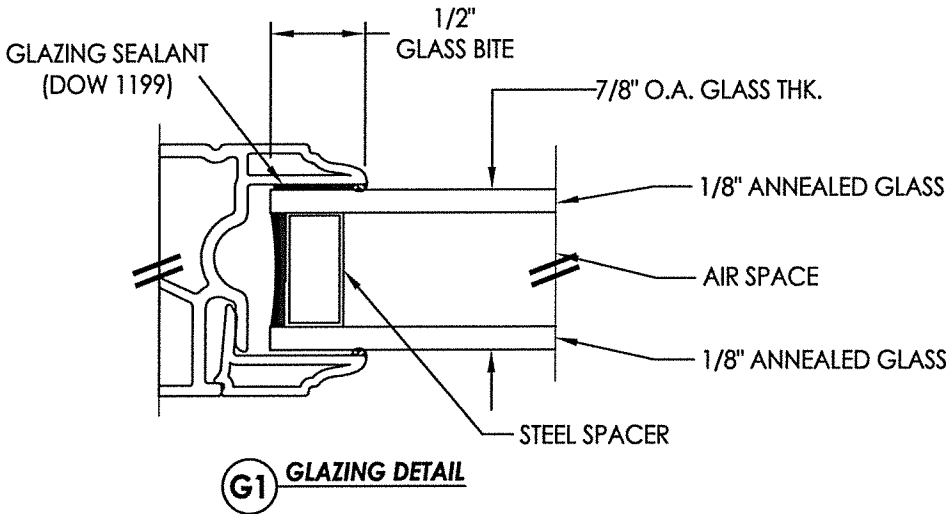
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SHEET 4 OF 5

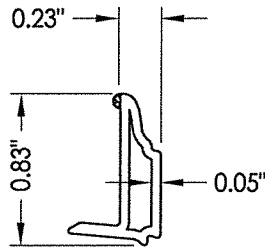
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| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 1X BUCK (SG >= 0.42)                                                                           | WOOD      |
| B                 | 2X BUCK (SG >= 0.42)                                                                           | WOOD      |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         |
| D                 | 1/4" X 2-3/4" HWH ELCO 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                 | #10 X 2-1/2" PH SMS (1-3/8" MIN. EMBEDMENT)                                                    | STEEL     |
| G                 | 1/4" X 3-1/4" HWH ELCO OR ITW CONCRETE SCREW                                                   | STEEL     |
| J                 | STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)                  | STEEL     |
| K                 | #10 PPH SELF-DRILLING SMS                                                                      | STEEL     |
| 1                 | EXTRUDED VINYL FRAME *                                                                         | RIGID PVC |
| 2                 | EXTRUDED VINYL GLAZING BEAD *                                                                  | RIGID PVC |

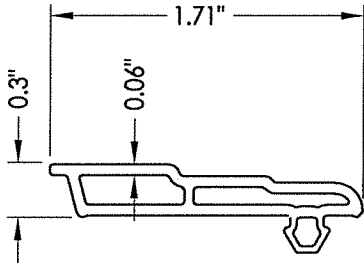
\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



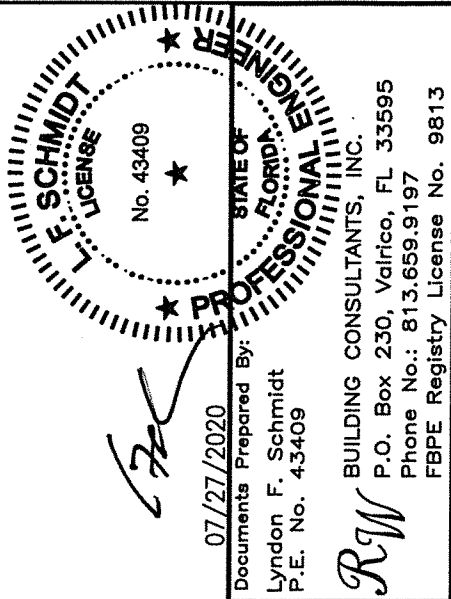
1 FRAME



2 GLAZING BEAD



3 FRAME CAP



|                   |  |                                                   |  |
|-------------------|--|---------------------------------------------------|--|
| PRODUCT:          |  | FIXED WINDOW                                      |  |
| PART OR ASSEMBLY: |  | BILL OF MATERIALS, COMPONENTS AND GLAZING DETAILS |  |
| DATE              |  | REVISIONS                                         |  |
| NO.               |  | DATE                                              |  |
| 1                 |  | 3/04/20 ADDED NEW FRAME SIZES                     |  |
| 2                 |  | 7/27/20 UPDATE TO 7th (2020) FBC                  |  |
| DATE              |  | 10/7/19                                           |  |
| SCALE:            |  | N.T.S.                                            |  |
| DWG. BY:          |  | TRJ                                               |  |
| CHK. BY:          |  | LFS                                               |  |
| DRAWING NO.:      |  | FL-26908.14                                       |  |
| SHEET             |  | 5 OF 5                                            |  |