



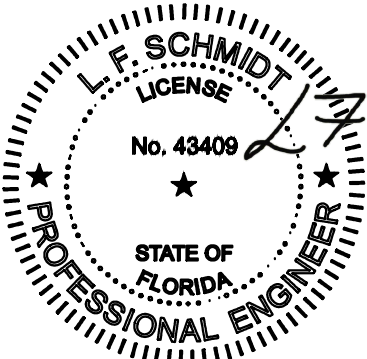
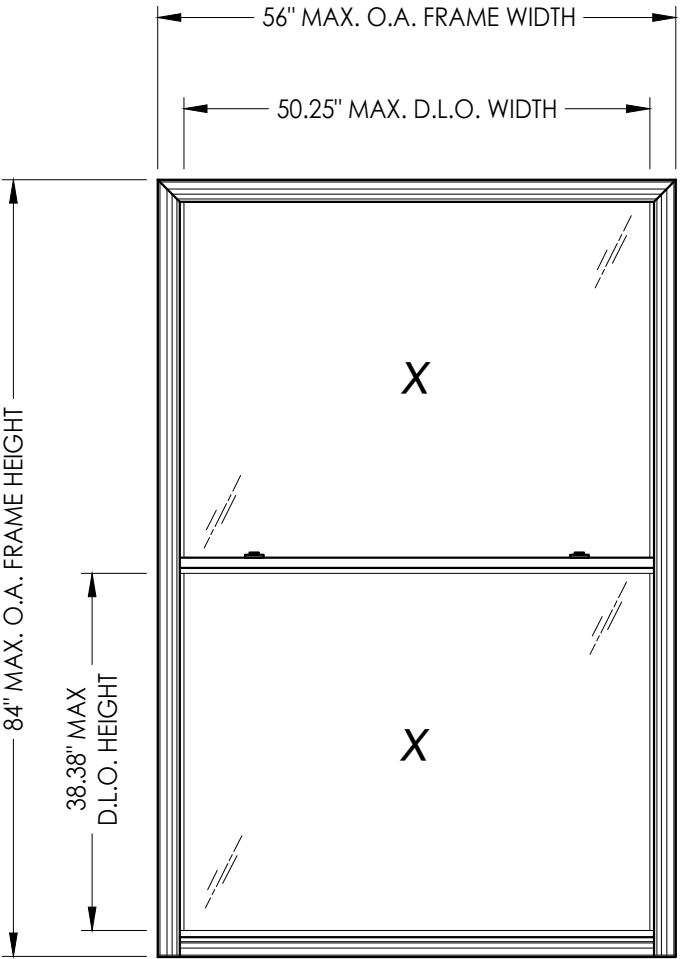
250 Staunton Turnpike, Parkersburg, WV 26104

5400 / 5400S  
Vinyl Double Hung  
Window  
"NON-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 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                 | Bill of materials, components & glazing details        |



Digitally signed by Lyndon F Schmidt  
Date: 2026.07.27 11:04:20 -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

| MAX. FRAME DIMENSION | MAX. D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------|-----------------------|------------|-----------------------|----------|
|                      |                       |            | POSITIVE              | NEGATIVE |
| 38.0" X 72.0"        | 32.25" X 32.38"       | G1         | +55.0                 | -55.0    |
| 56.0" X 48.0"        | 50.25" X 20.38"       | G1         | +35.0                 | -35.0    |
| 52.0" X 50.0"        | 46.25" X 21.38"       | G1         | +35.0                 | -35.0    |
| 48.0" X 56.0"        | 42.25" X 24.38"       | G1         | +35.0                 | -35.0    |
| 44.0" X 60.0"        | 38.25" X 26.38"       | G1         | +35.0                 | -35.0    |
| 40.0" X 66.0"        | 34.25" X 29.38"       | G1         | +35.0                 | -35.0    |
| 36.0" X 74.0"        | 30.25" X 33.38"       | G1         | +35.0                 | -35.0    |
| 32.0" X 84.0"        | 26.25" X 38.38"       | G1         | +35.0                 | -35.0    |
| 56.0" X 56.0"        | 50.25" X 24.38"       | G1         | +30.0                 | -30.0    |
| 52.0" X 60.0"        | 46.25" X 26.38"       | G1         | +30.0                 | -30.0    |

| MAX. FRAME DIMENSION | MAX. D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------|-----------------------|------------|-----------------------|----------|
|                      |                       |            | POSITIVE              | NEGATIVE |
| 48.0" X 64.0"        | 42.25" X 28.38"       | G1         | +30.0                 | -30.0    |
| 44.0" X 70.0"        | 38.25" X 31.38"       | G1         | +30.0                 | -30.0    |
| 40.0" X 78.0"        | 34.25" X 35.38"       | G1         | +30.0                 | -30.0    |
| 36.0" X 84.0"        | 30.25" X 38.38"       | G1         | +30.0                 | -30.0    |
| 56.0" X 66.0"        | 50.25" X 29.38"       | G1         | +25.0                 | -25.0    |
| 52.0" X 72.0"        | 46.25" X 32.38"       | G1         | +25.0                 | -25.0    |
| 48.0" X 78.0"        | 42.25" X 35.38"       | G1         | +25.0                 | -25.0    |
| 44.0" X 84.0"        | 38.25" X 38.38"       | G1         | +25.0                 | -25.0    |
| 56.0" X 84.0"        | 50.25" X 38.38"       | G1         | +20.0                 | -20.0    |

PRODUCT:  
5400 / 5400S SERIES  
Vinyl Double Hung Window

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

DATE: 6/23/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

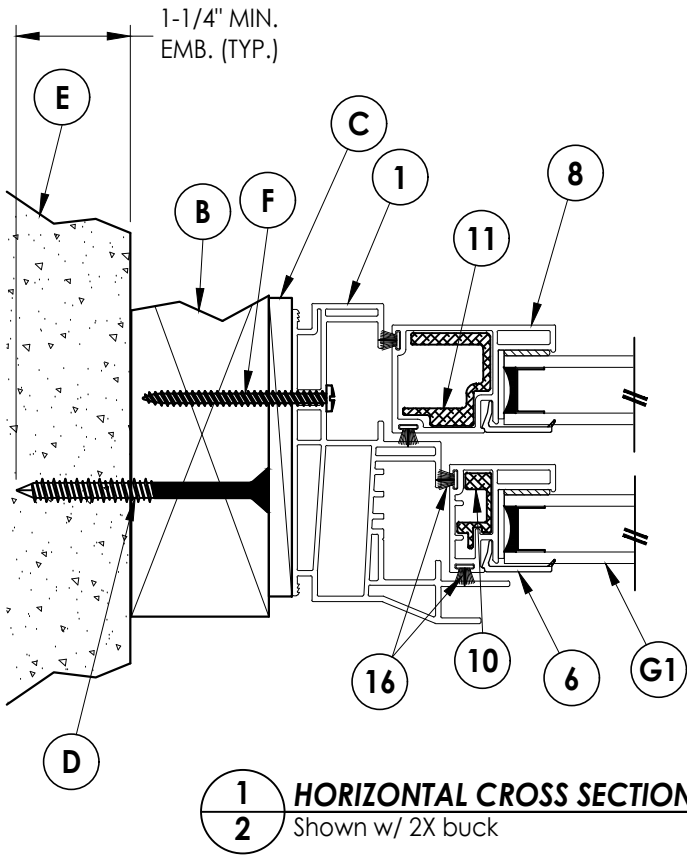
DRAWING NO.: FL-15819.6

SHEET 1 OF 5

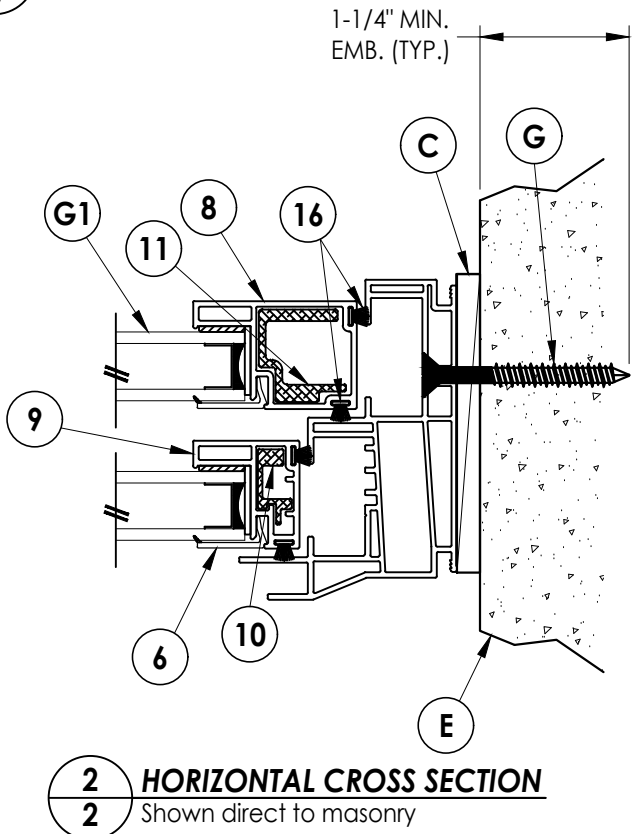
REVISIONS

| NO. | DATE    | BY                               |
|-----|---------|----------------------------------|
| 6   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 5   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 4   | 7/02/20 | UPDATE TO 7TH ED. (2020) FBC LFS |

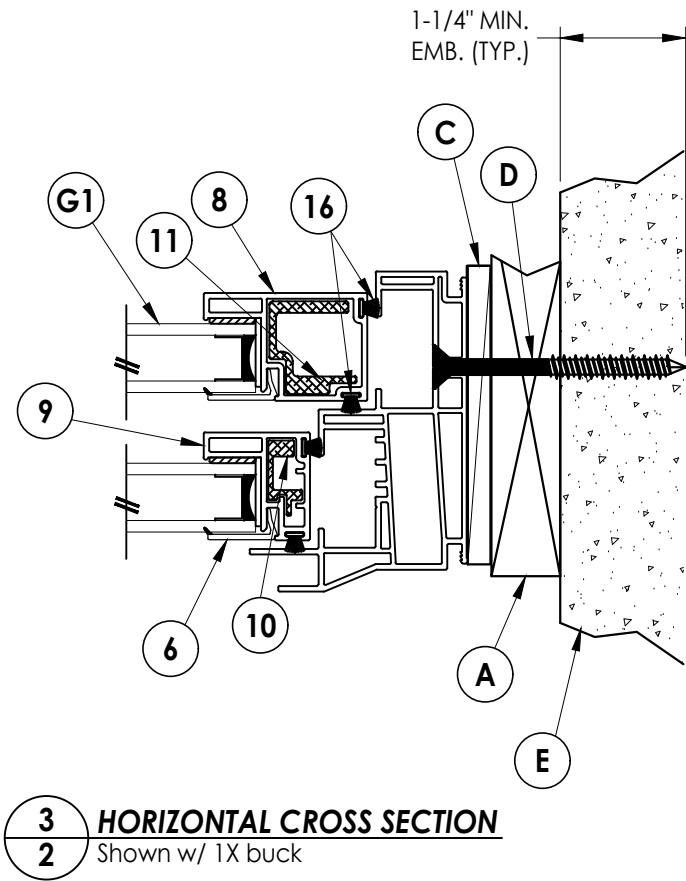
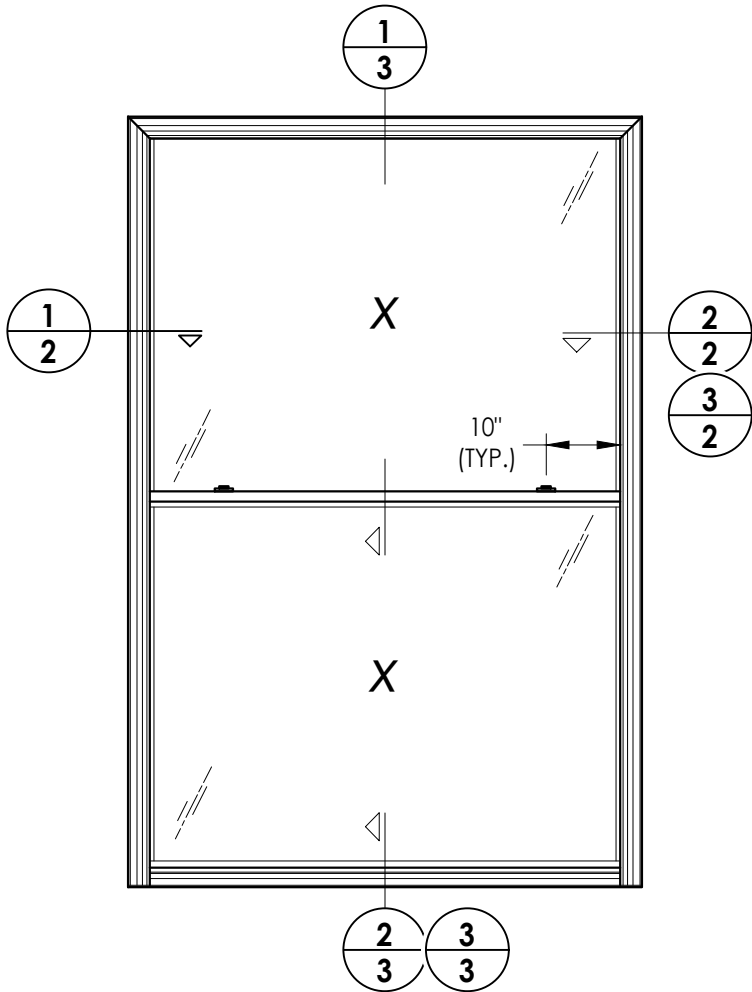
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**1**  
**2** **HORIZONTAL CROSS SECTION**  
Shown w/ 2X buck



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



**3**  
**2** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X buck

DATE: 6/23/14

SCALE: N.T.S.

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DRAWING NO.:

FL-15819.6

SHEET 2 OF 5

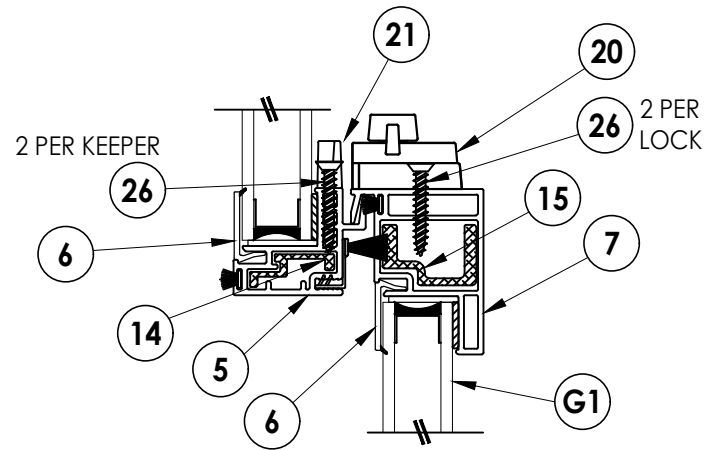
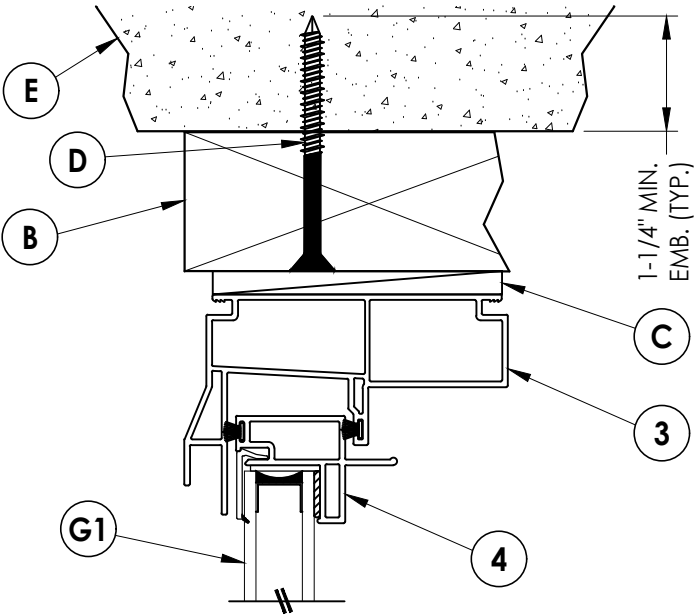
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5400 / 5400S SERIES  
Vinyl Double Hung Window

PART OR ASSEMBLY:  
HORIZONTAL  
CROSS SECTIONS

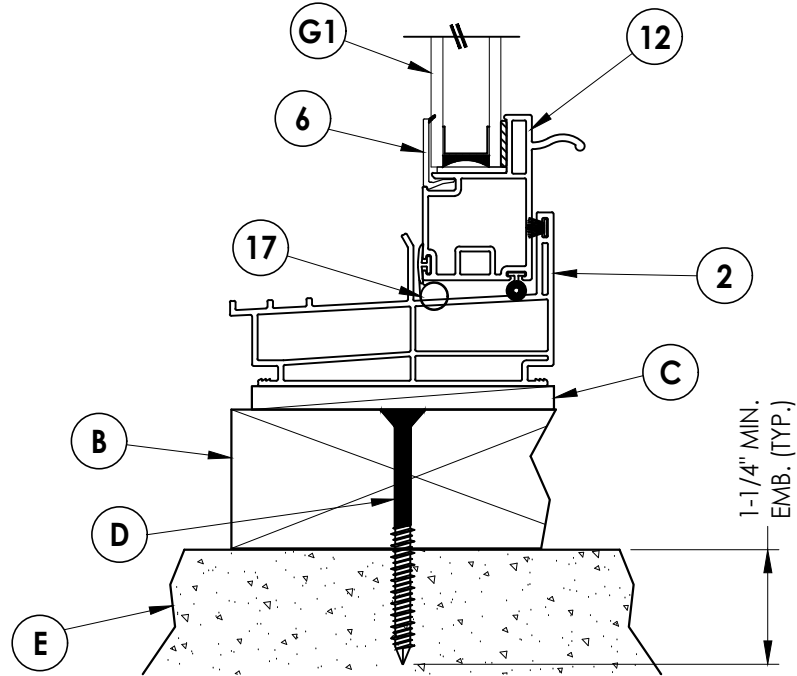
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

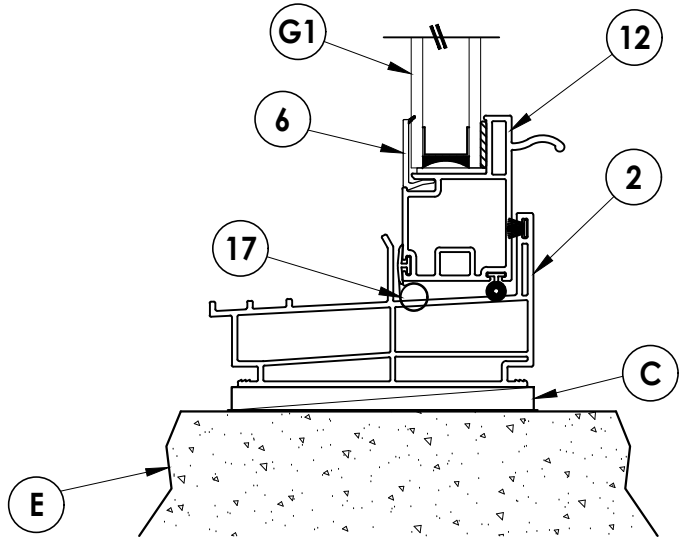
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**1**  
**3** **VERTICAL CROSS SECTION**  
Shown w/ 2X buck



**2**  
**3** **VERTICAL CROSS SECTION**  
Shown w/ 2X buck



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

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Vinyl Double Hung Window

PART OR ASSEMBLY:  
VERTICAL  
CROSS SECTIONS

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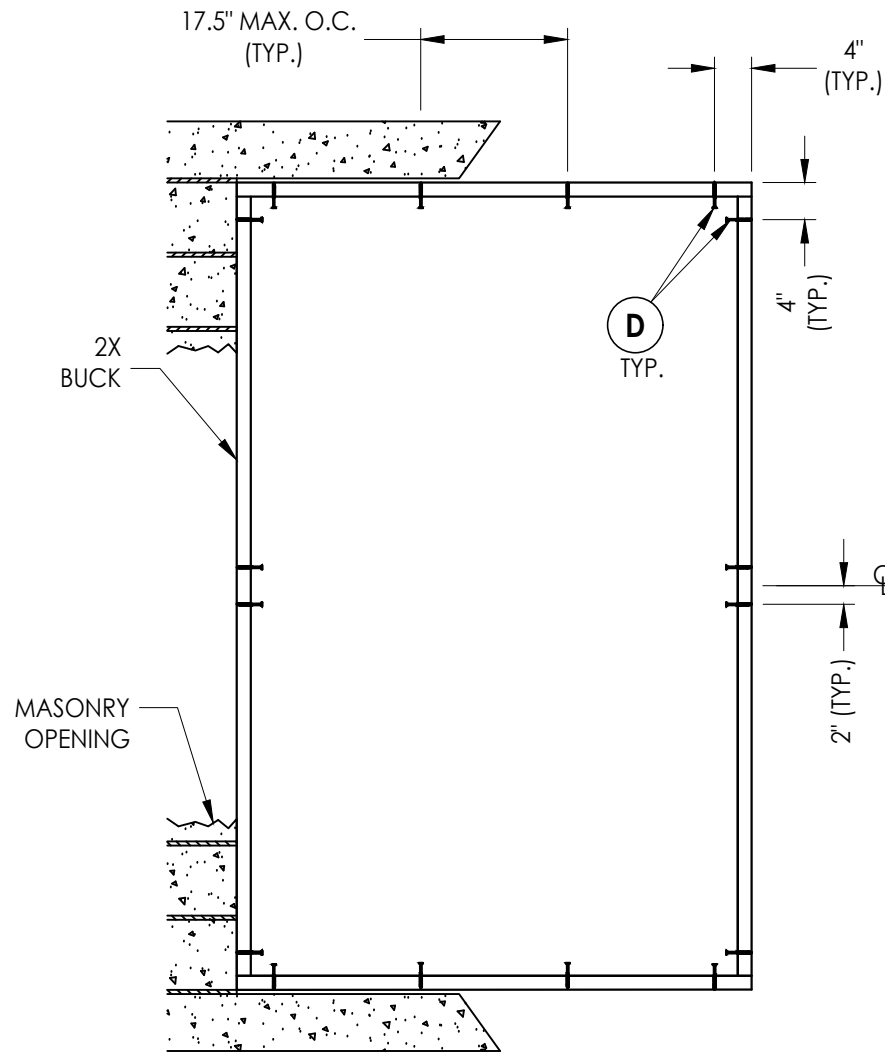
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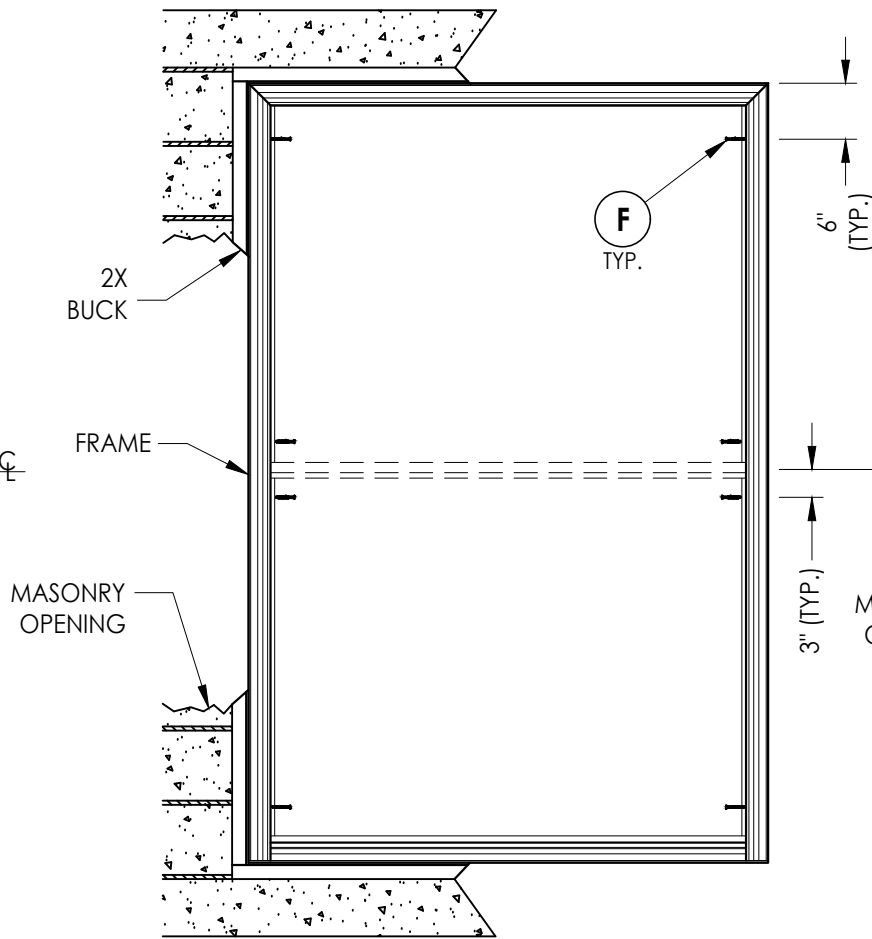
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SHEET 3 OF 5

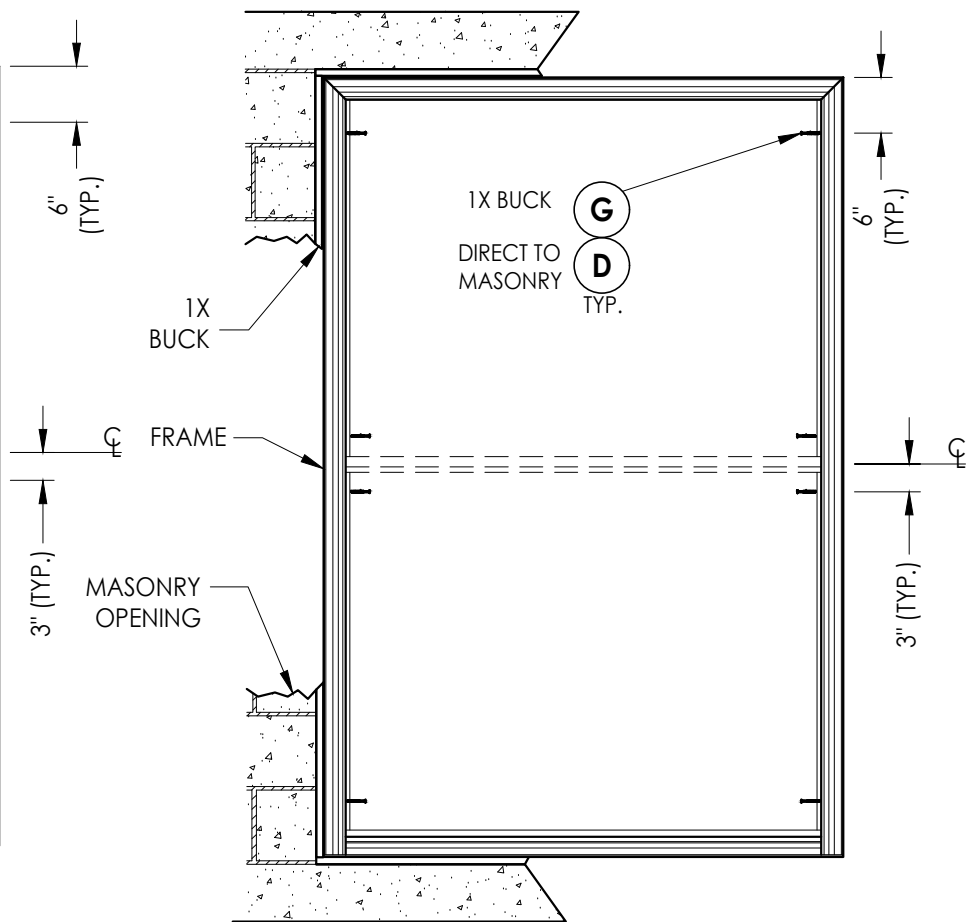
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**BUCK ANCHORING**



**FRAME ANCHORING**  
2X Buck



**FRAME ANCHORING**  
1X Buck  
Direct to masonry

**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" dimensions 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"                                |

**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.

**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.

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PRODUCT:  
5400 / 5400S SERIES  
Vinyl Double Hung Window

PART OR ASSEMBLY:  
BUCK AND  
FRAME ANCHORING

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
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SHEET 4 OF 5

