

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\FL-17954.1.3.4.6.7.dwg

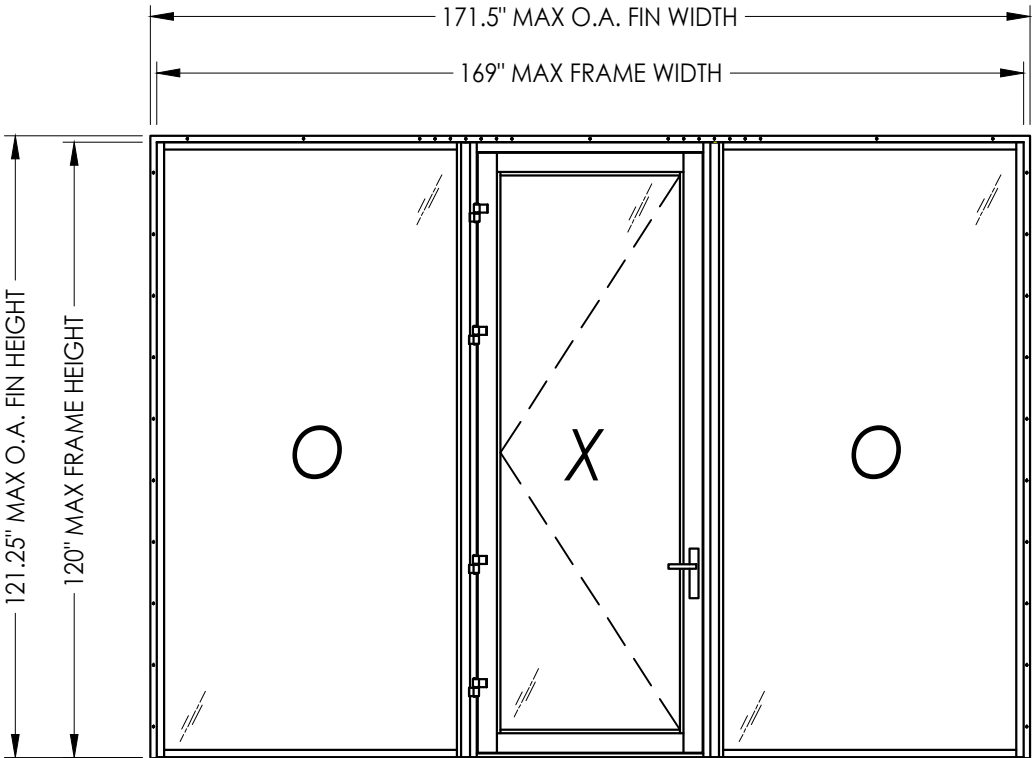


Series 3900-T w/ Series 3800-T  
Aluminum Side Hinged Single Door w/ Sidelites  
Inswing/Outswing  
"IMPACT"

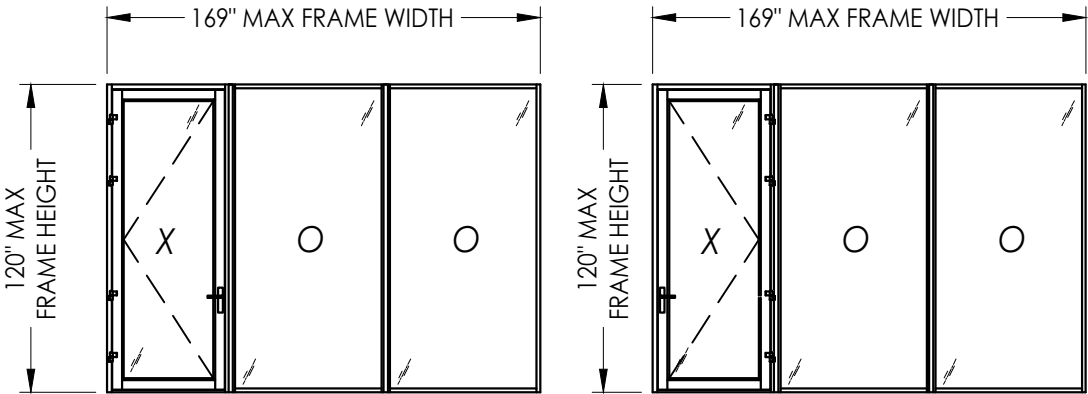
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
9. Gaskets shall comply with FBC Section 2411.3.4.

| TABLE OF CONTENTS |                                                        |
|-------------------|--------------------------------------------------------|
| SHEET#            | DESCRIPTION                                            |
| 1                 | Typical elevations, design pressures and general notes |
| 2                 | Door panel details                                     |
| 3                 | Elevations                                             |
| 4                 | Horizontal cross sections                              |
| 5                 | Horizontal and vertical cross sections                 |
| 6                 | Vertical cross sections                                |
| 7                 | Fin horizontal and vertical cross sections             |
| 8                 | Buck anchoring                                         |
| 9                 | Frame anchoring                                        |
| 10                | Glazing Details (G1-G4)                                |
| 11                | Components                                             |
| 12                | Bill of materials and glazing details (G5)             |

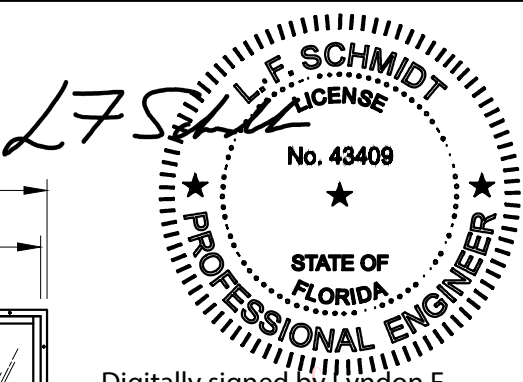


FIN MOUNT



FRAME MOUNT

| MAX<br>O.A. FIN<br>DIMENSION | MAX<br>O.A. FRAME<br>DIMENSION | MAX DOOR<br>D.L.O.<br>DIMENSION | MAX SIDELITE<br>D.L.O.<br>DIMENSION | GLASS TYPE            | DESIGN PRESSURE (PSF) |          |
|------------------------------|--------------------------------|---------------------------------|-------------------------------------|-----------------------|-----------------------|----------|
|                              |                                |                                 |                                     |                       | POSITIVE              | NEGATIVE |
| 171.5" X 121.25"             | 169.0" X 120.0"                | 35.0" X 108.0"                  | 57.0" X 117.0"                      | G1, G2, G3,<br>G4, G5 | +50.0                 | -50.0    |



Digitally signed by Lyndon F Schmidt  
Date: 2026.07.06 07:39:29 -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

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

PRODUCT:

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

|   |          |                          |     |     |
|---|----------|--------------------------|-----|-----|
| 4 | 7/02/26  | UPDATE TO 9TH ED. (2026) | FBC | LFS |
| 3 | 7/11/23  | UPDATE TO 8TH ED. (2023) | FBC | DAC |
| 2 | 8/11/20  | UPDATE TO 7TH ED. (2020) | FBC | LFS |
| 1 | 08/07/17 | UPDATE TO 6TH ED. (2017) | FBC | BY  |

NO. DATE REVISIONS

DATE: 7/29/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

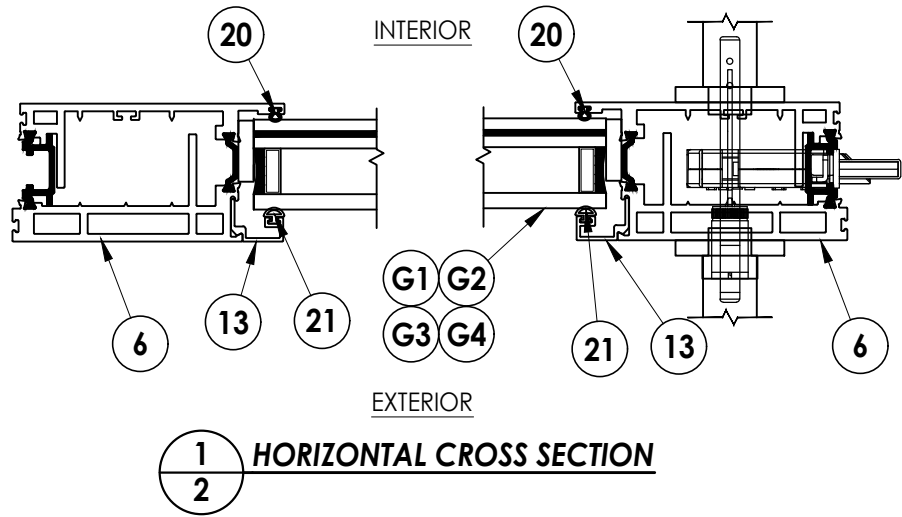
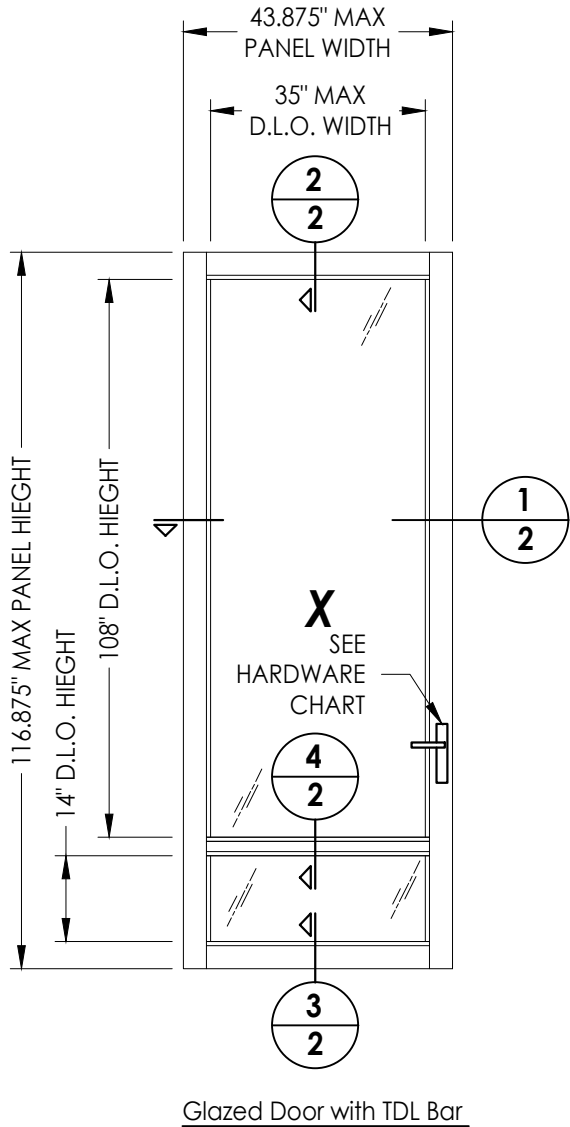
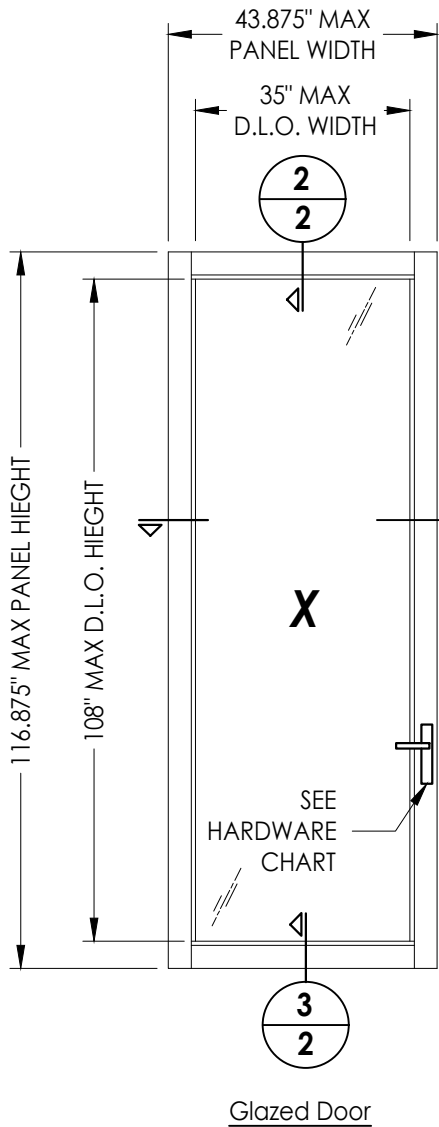
DRAWING NO.: FL-17954.4

SHEET 1 OF 12

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

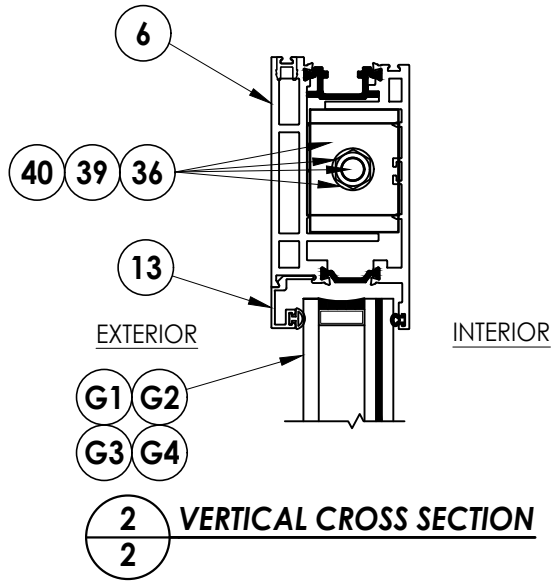
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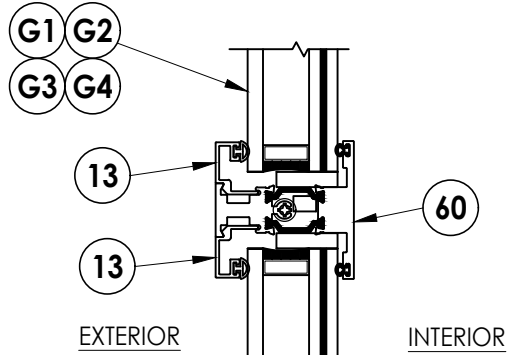


1  
2 **HORIZONTAL CROSS SECTION**

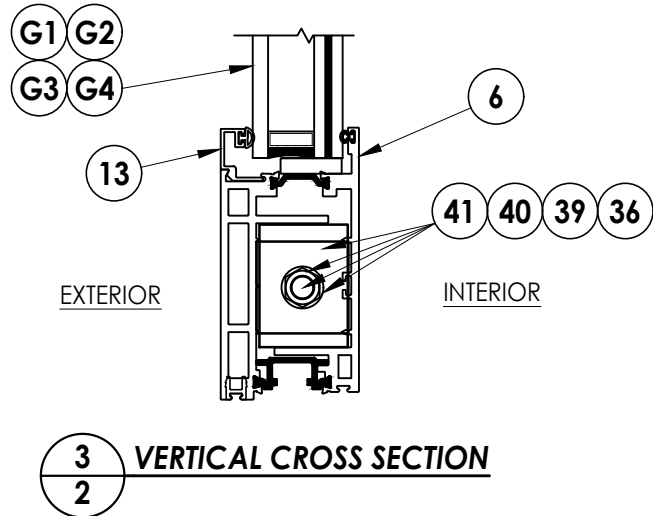
| HARDWARE TABLE |                                |
|----------------|--------------------------------|
| MANUFACTURER   | MODEL                          |
| TRUTH          | MULTI-POINT LOCK: 5 POINT LOCK |



2  
2 **VERTICAL CROSS SECTION**



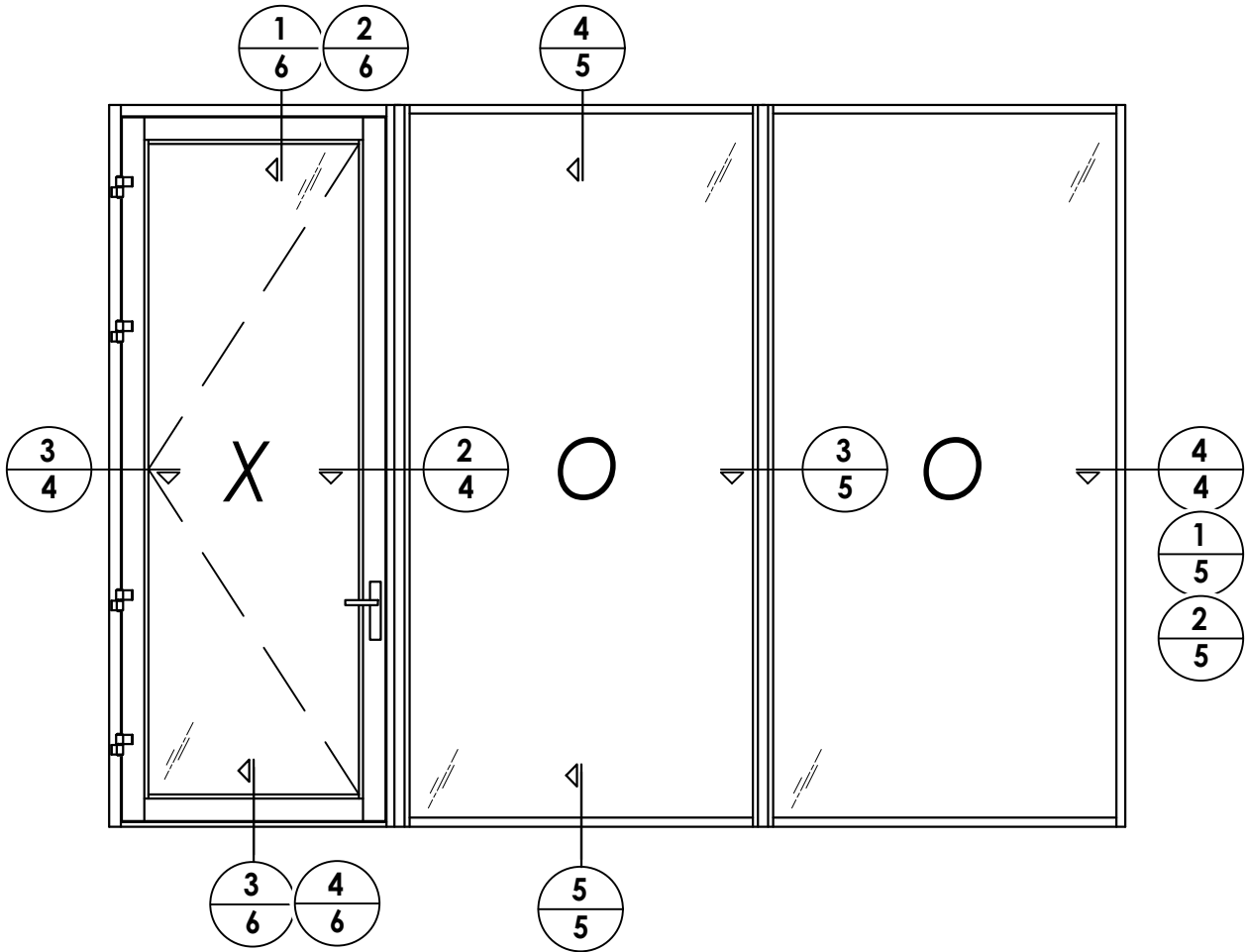
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2 **VERTICAL CROSS SECTION**



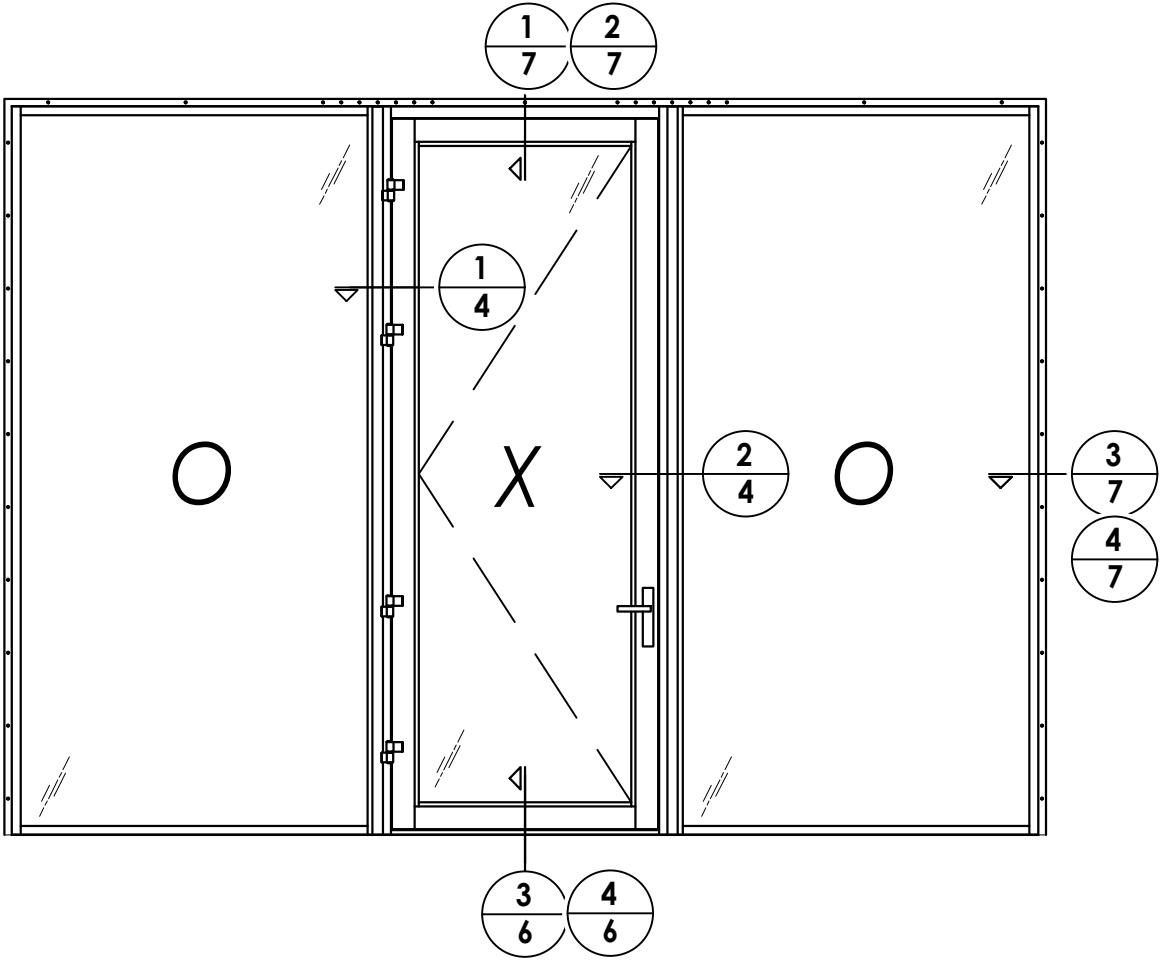
3  
2 **VERTICAL CROSS SECTION**

|                                                               |          |                                                                                                                    |         |
|---------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------|
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| PRODUCT:<br><br>FLEETWOOD WINDOWS AND DOORS                   |          | PART OR ASSEMBLY:<br><br>DOOR PANEL<br>DETAILS                                                                     |         |
|                                                               |          |                                                                                                                    |         |
|                                                               |          |                                                                                                                    |         |
| 4                                                             | 7/02/26  | UPDATE TO 9TH ED. (2026)                                                                                           | FBC LFS |
| 3                                                             | 7/11/23  | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 2                                                             | 8/11/20  | UPDATE TO 7th ED. (2020)                                                                                           | FBC DAC |
| 1                                                             | 08/07/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC LFS |
| NO.                                                           | DATE     |                                                                                                                    | BY      |
|                                                               |          | REVISIONS                                                                                                          |         |
| DATE: 7/29/15                                                 |          |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |          |                                                                                                                    |         |
| DWG. BY: JK                                                   |          |                                                                                                                    |         |
| CHK. BY: LFS                                                  |          |                                                                                                                    |         |
| DRAWING NO.:<br>FL-17954.4                                    |          |                                                                                                                    |         |
| SHEET 2 OF 12                                                 |          |                                                                                                                    |         |

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FRAME MOUNT  
XOO Shown



FIN MOUNT  
OXO Shown

|              |            |
|--------------|------------|
| DATE:        | 7/29/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-17954.4 |
| SHEET        | 3 OF 12    |

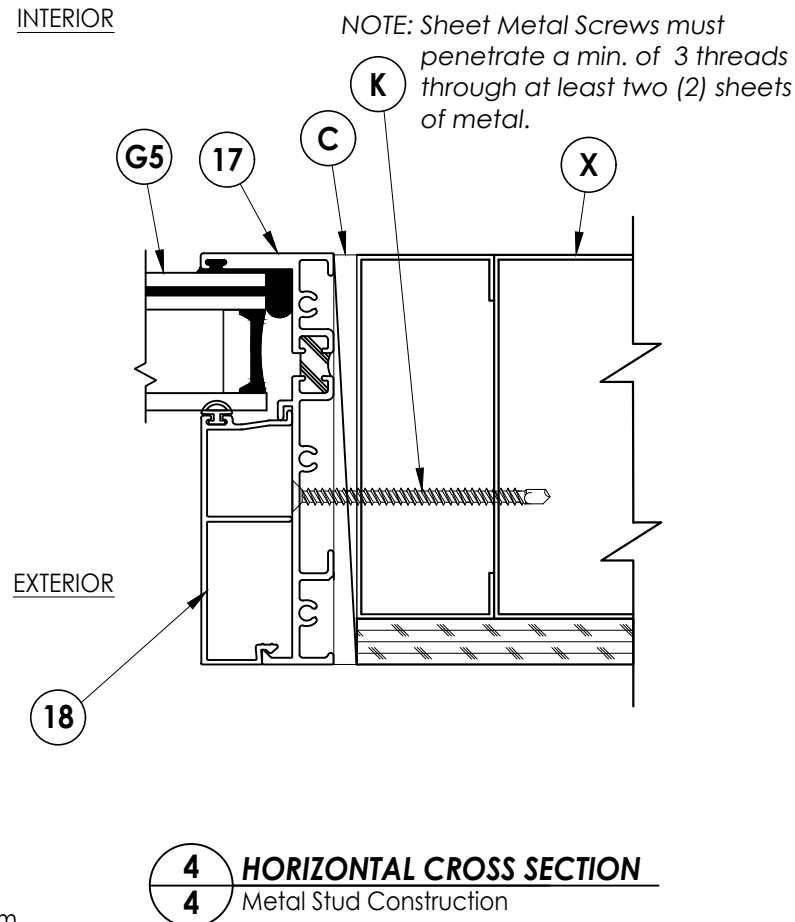
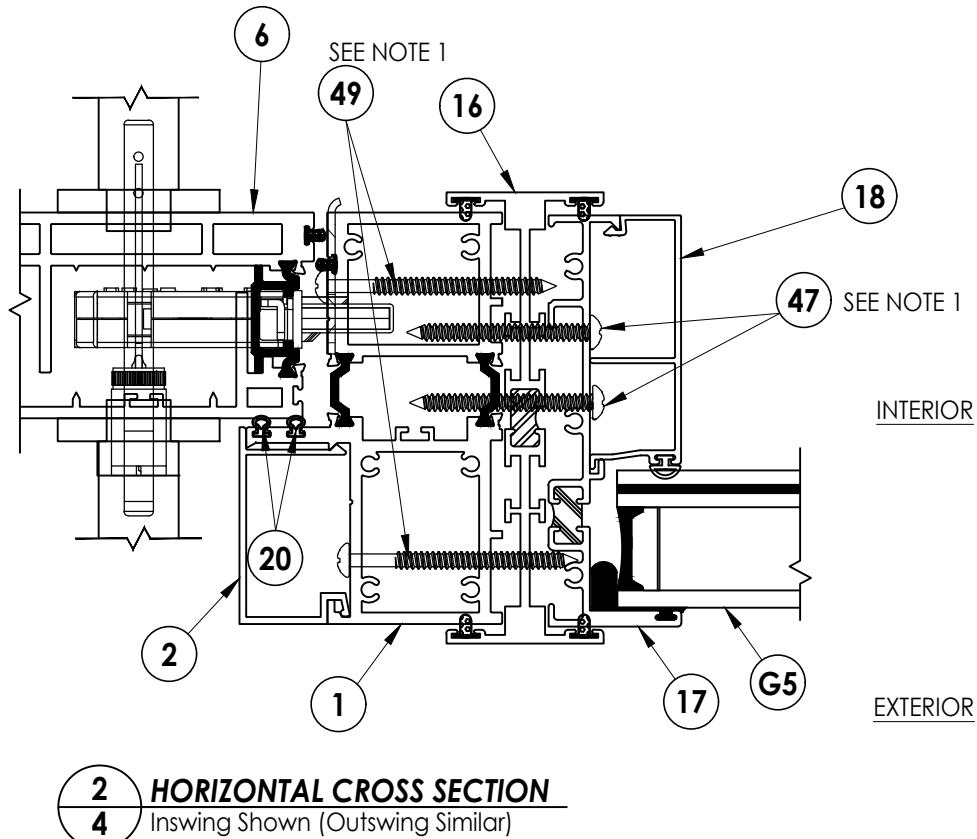
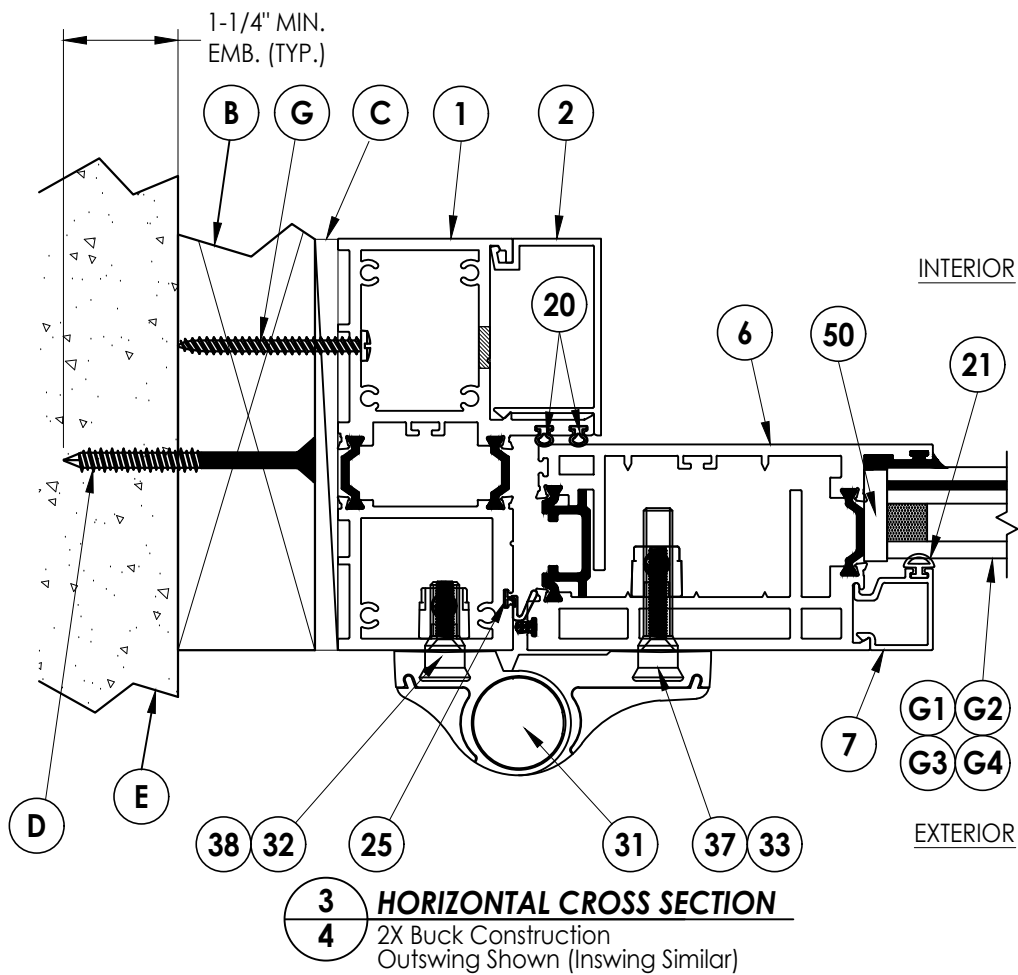
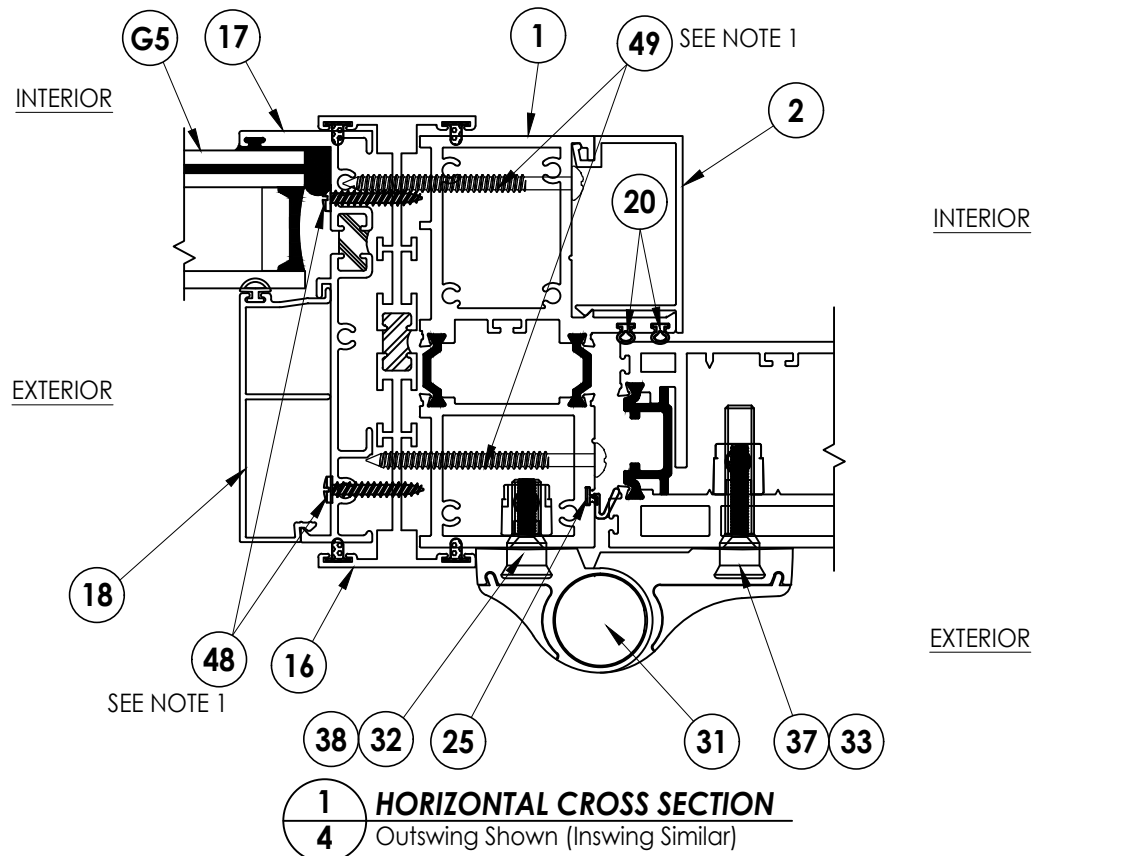
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|-----|----------|----------------------------------|
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| 3   | 7/11/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 8/11/20  | UPDATE TO 7th ED. (2020) FBC DAC |
| 1   | 08/07/17 | UPDATE TO 6TH ED. (2017) FBC LFS |
|     |          | BY                               |

|                   |                             |
|-------------------|-----------------------------|
| PRODUCT:          | FLEETWOOD WINDOWS AND DOORS |
| PART OR ASSEMBLY: | ELEVATIONS                  |

Documents Prepared By:  
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P.E. No. 43409

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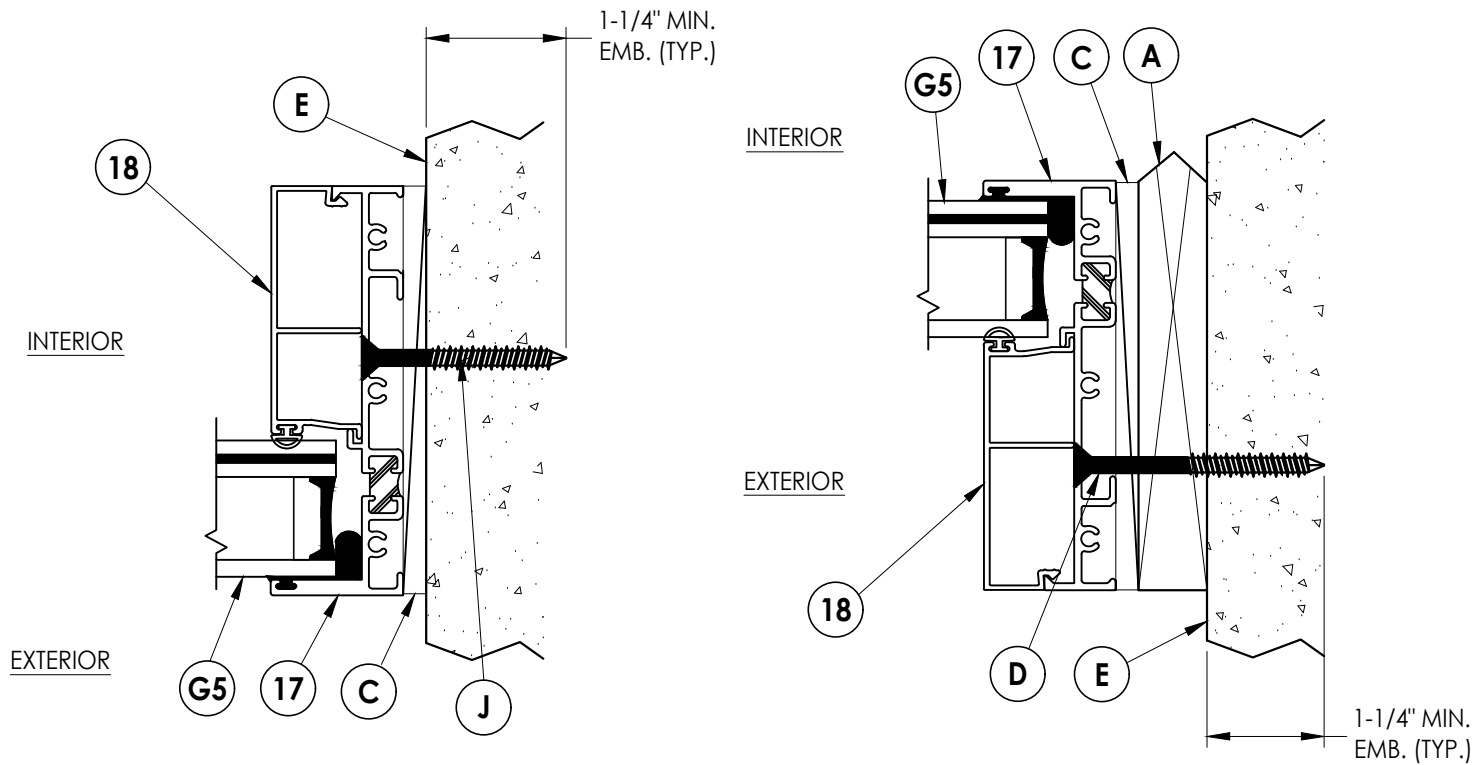
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NOTE:  
1. Item #42 located 6" from  
each end then 12" on center.

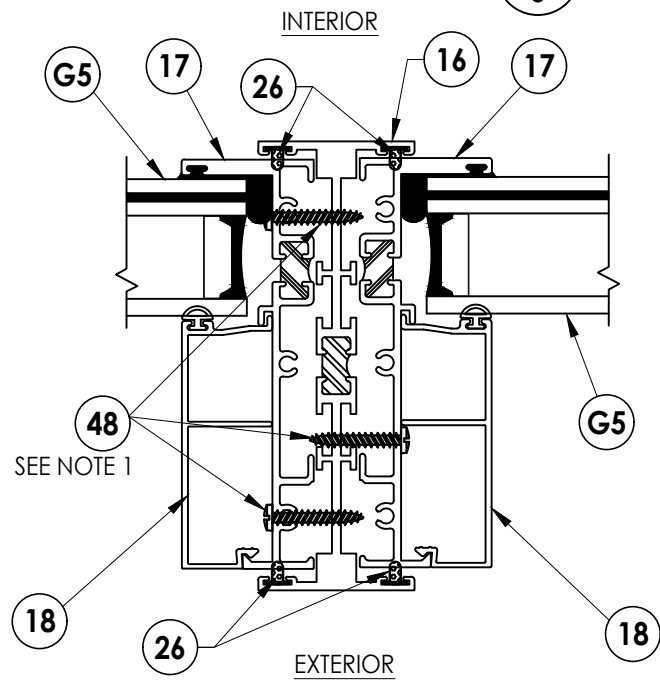
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| DOCUMENTS PREPARED BY:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |          | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |     |
| PRODUCT:<br>FLEETWOOD WINDOWS AND DOORS                       |          | PART OR ASSEMBLY:<br>HORIZONTAL<br>CROSS SECTIONS                                                                  |     |
|                                                               |          |                                                                                                                    |     |
| 4                                                             | 7/02/26  | UPDATE TO 9TH ED. (2026)                                                                                           | FBC |
| 3                                                             | 7/11/23  | UPDATE TO 8TH ED. (2023)                                                                                           | FBC |
| 2                                                             | 8/11/20  | UPDATE TO 7th ED. (2020)                                                                                           | FBC |
| 1                                                             | 08/07/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC |
| NO.                                                           | DATE     |                                                                                                                    | BY  |
| REVISIONS                                                     |          |                                                                                                                    |     |
| DATE: 7/29/15                                                 |          |                                                                                                                    |     |
| SCALE: N.T.S.                                                 |          |                                                                                                                    |     |
| DWG. BY: JK                                                   |          |                                                                                                                    |     |
| CHK. BY: LFS                                                  |          |                                                                                                                    |     |
| DRAWING NO.: FL-17954.4                                       |          |                                                                                                                    |     |
| SHEET 4 OF 12                                                 |          |                                                                                                                    |     |

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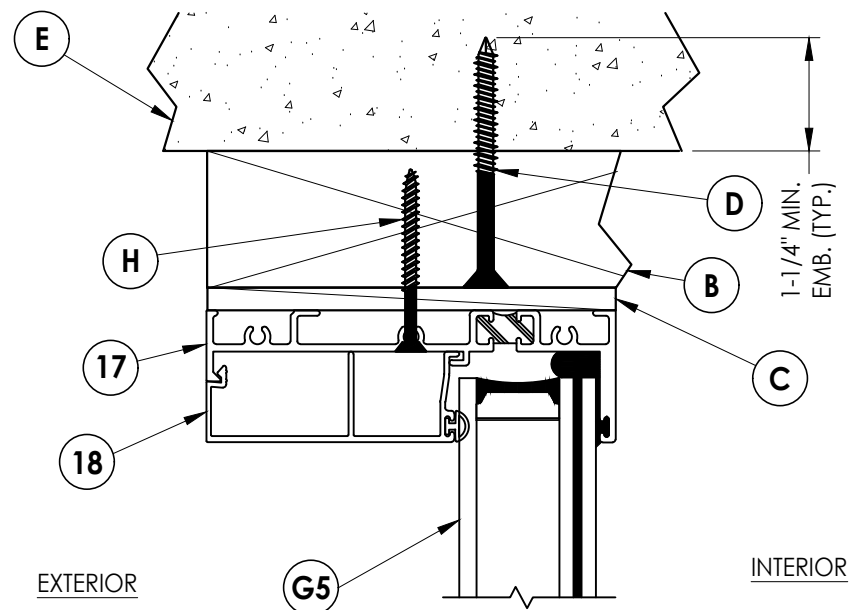
**1**  
**5** **HORIZONTAL CROSS SECTION**  
Direct to Masonry

**2**  
**5** **HORIZONTAL CROSS SECTION**  
1X Buck Construction

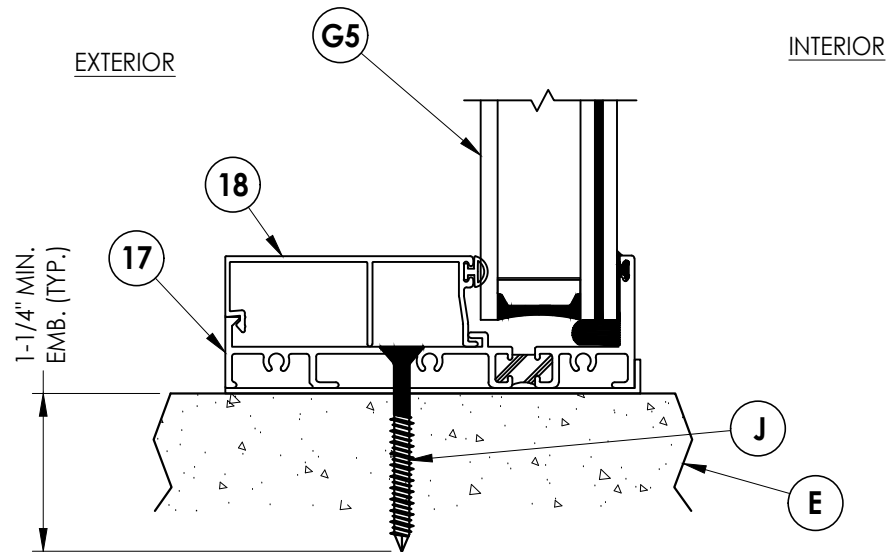


**3**  
**5** **HORIZONTAL CROSS SECTION**

NOTE:  
1. Item #42 located 6" from  
each end then 12" on center.



**4**  
**5** **VERTICAL CROSS SECTION**  
2X Buck Construction



**5**  
**5** **VERTICAL CROSS SECTION**

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P.E. No. 43409

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FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

HORIZONTAL AND VERTICAL  
CROSS SECTIONS

| NO. | DATE     | REVISIONS                        |
|-----|----------|----------------------------------|
| 4   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC LFS |
| 3   | 7/11/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 8/11/20  | UPDATE TO 7th ED. (2020) FBC DAC |
| 1   | 08/07/17 | UPDATE TO 6TH ED. (2017) FBC LFS |

DATE: 7/29/15

SCALE: N.T.S.

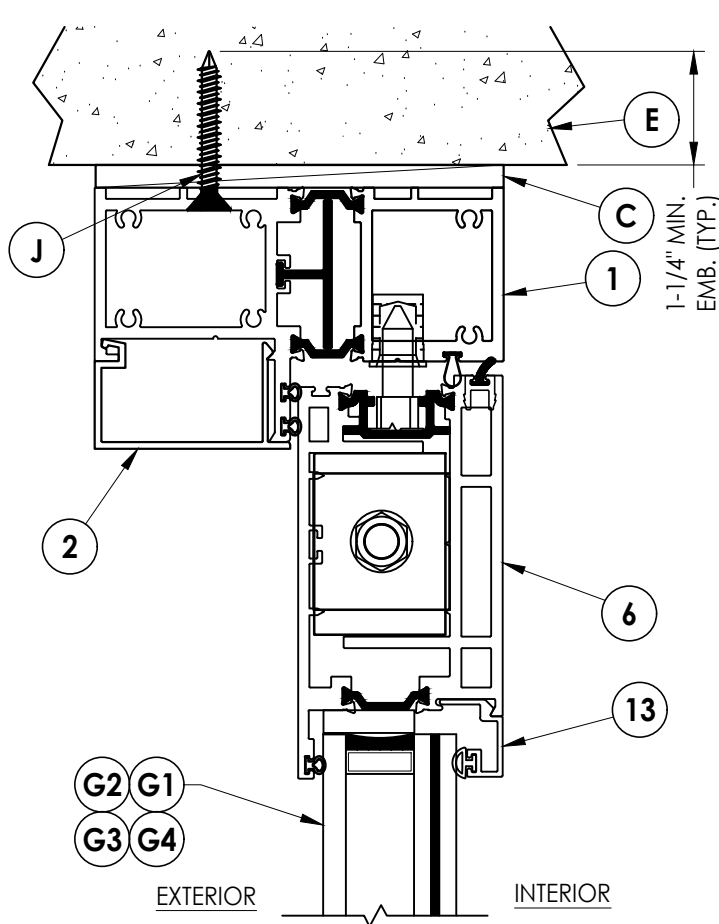
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CHK. BY: LFS

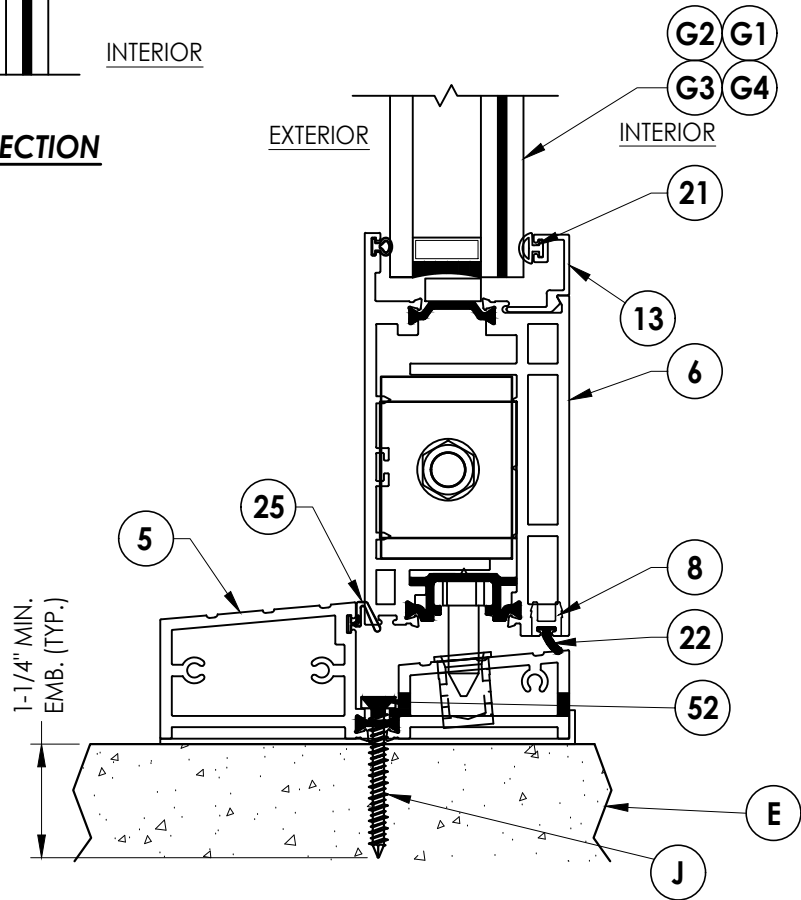
DRAWING NO.:  
FL-17954.4

SHEET 5 OF 12

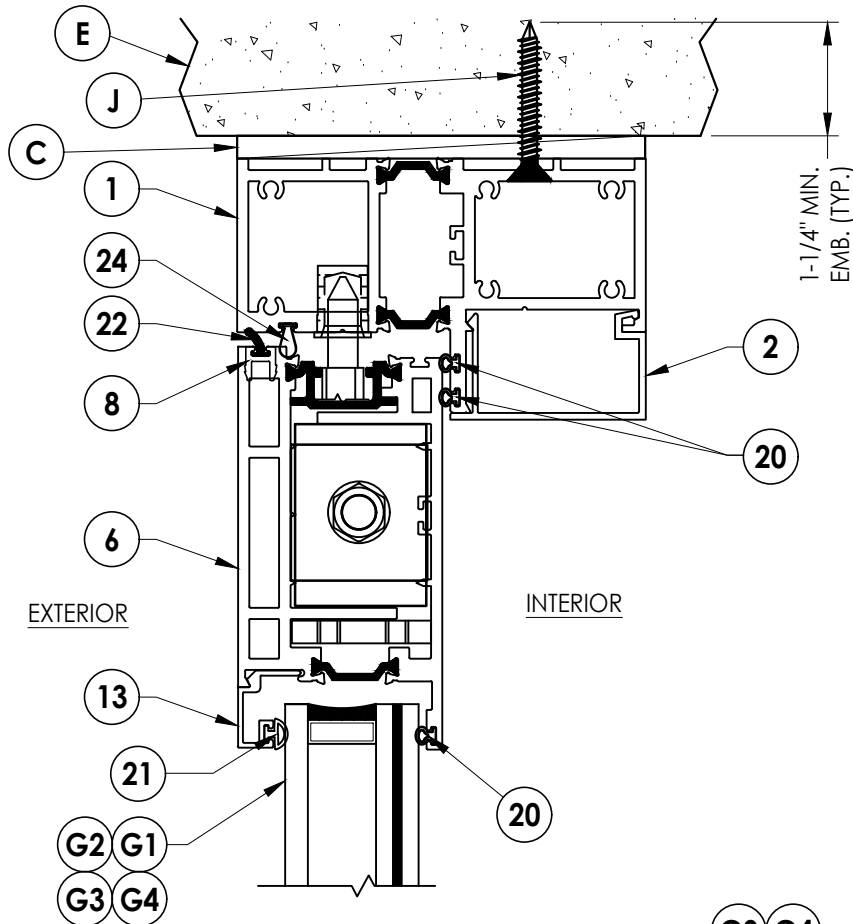
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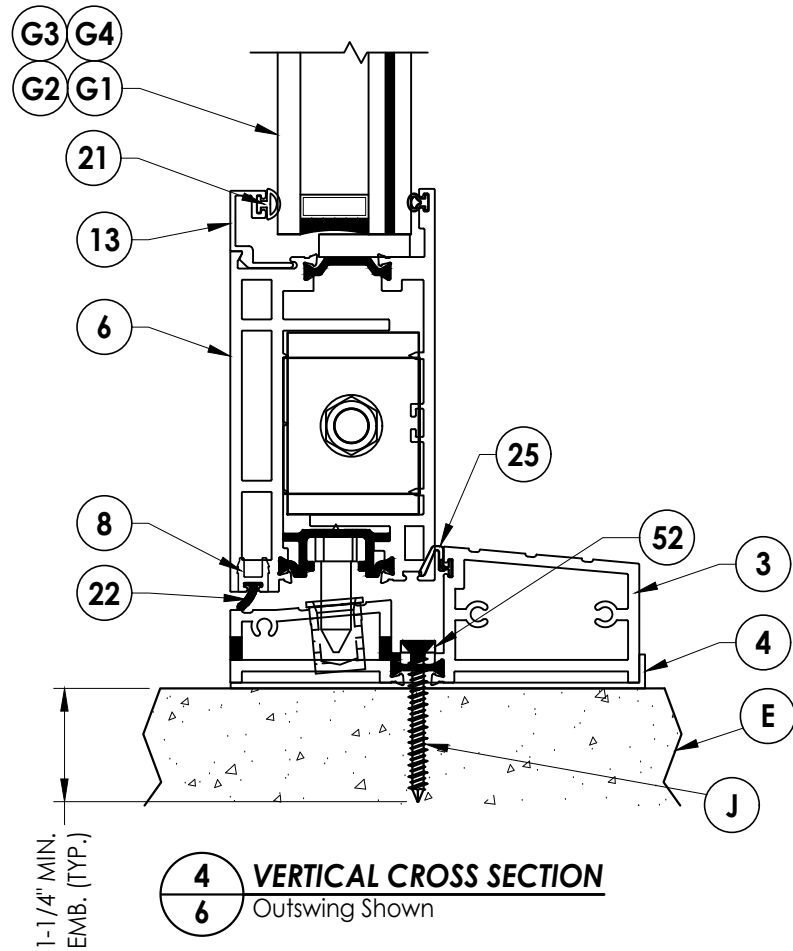
**1 VERTICAL CROSS SECTION**  
6 Inswing Shown



**3 VERTICAL CROSS SECTION**  
6 Inswing Shown



**2 VERTICAL CROSS SECTION**  
6 Outswing Shown



**4 VERTICAL CROSS SECTION**  
6 Outswing Shown

Documents Prepared By:  
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P.E. No. 43409

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Phone No.: 813.659.9197  
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FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

VERTICAL  
CROSS SECTIONS

| NO. | DATE     | REVISIONS                |     |      |      |
|-----|----------|--------------------------|-----|------|------|
|     |          | DATE                     | BY  | CHK. | APP. |
| 4   | 7/02/26  | UPDATE TO 9TH ED. (2026) | FBC | LFS  |      |
| 3   | 7/11/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS  |      |
| 2   | 8/11/20  | UPDATE TO 7TH ED. (2020) | FBC | DAC  |      |
| 1   | 08/07/17 | UPDATE TO 6TH ED. (2017) | FBC | LFS  |      |

DATE: 7/29/15

SCALE: N.T.S.

DWG. BY: JK

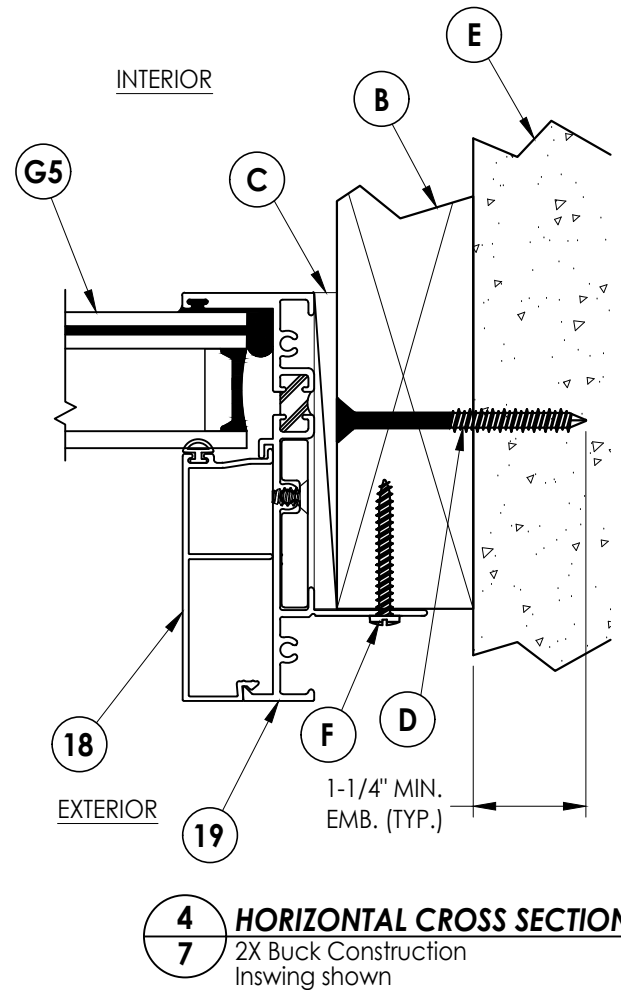
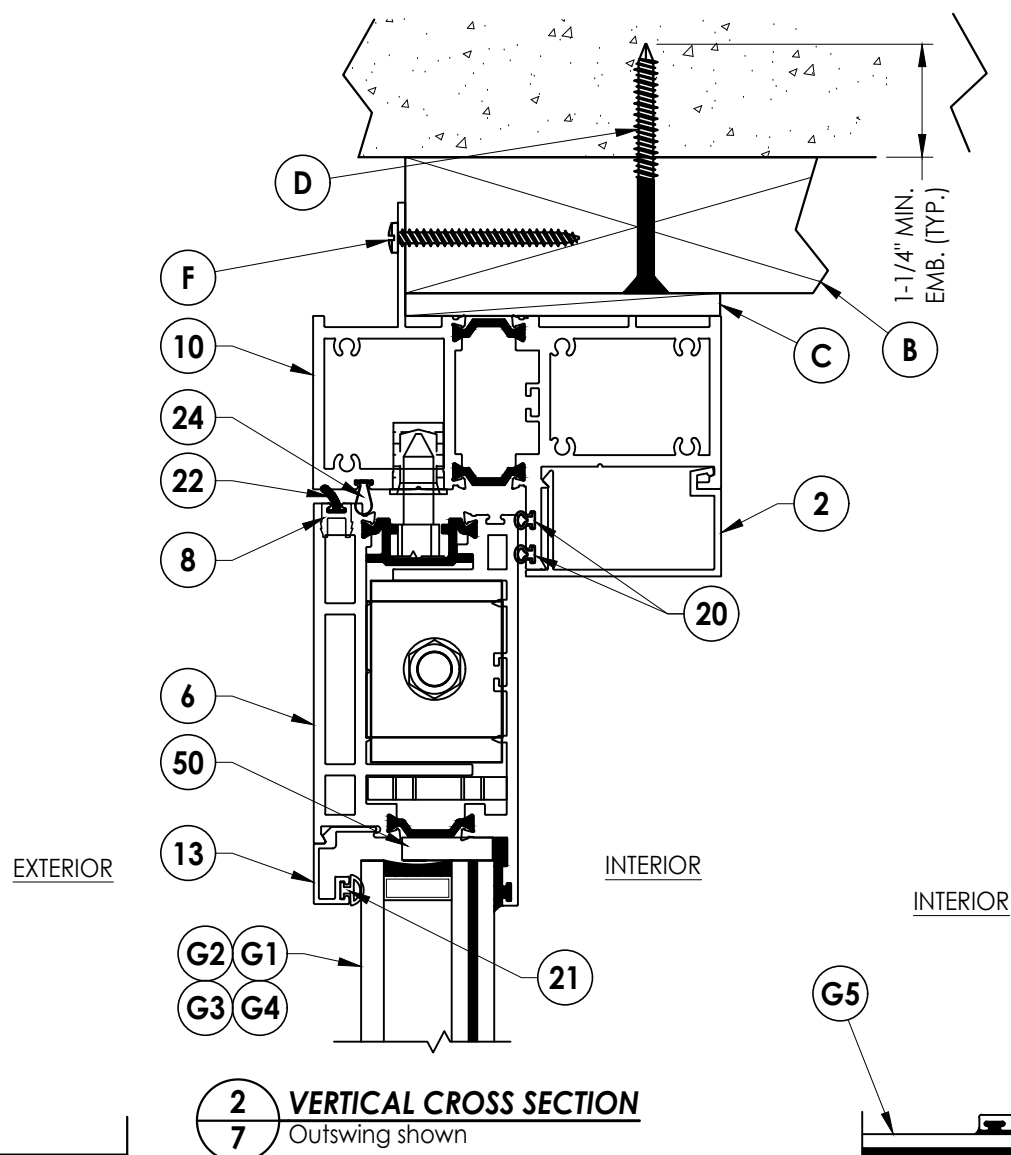
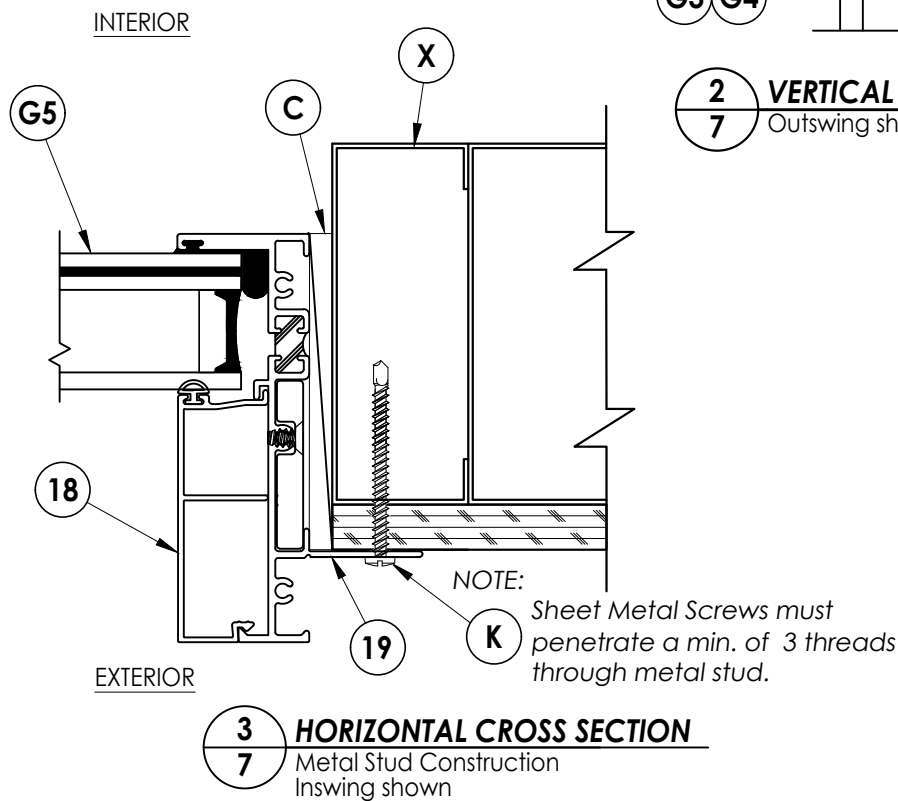
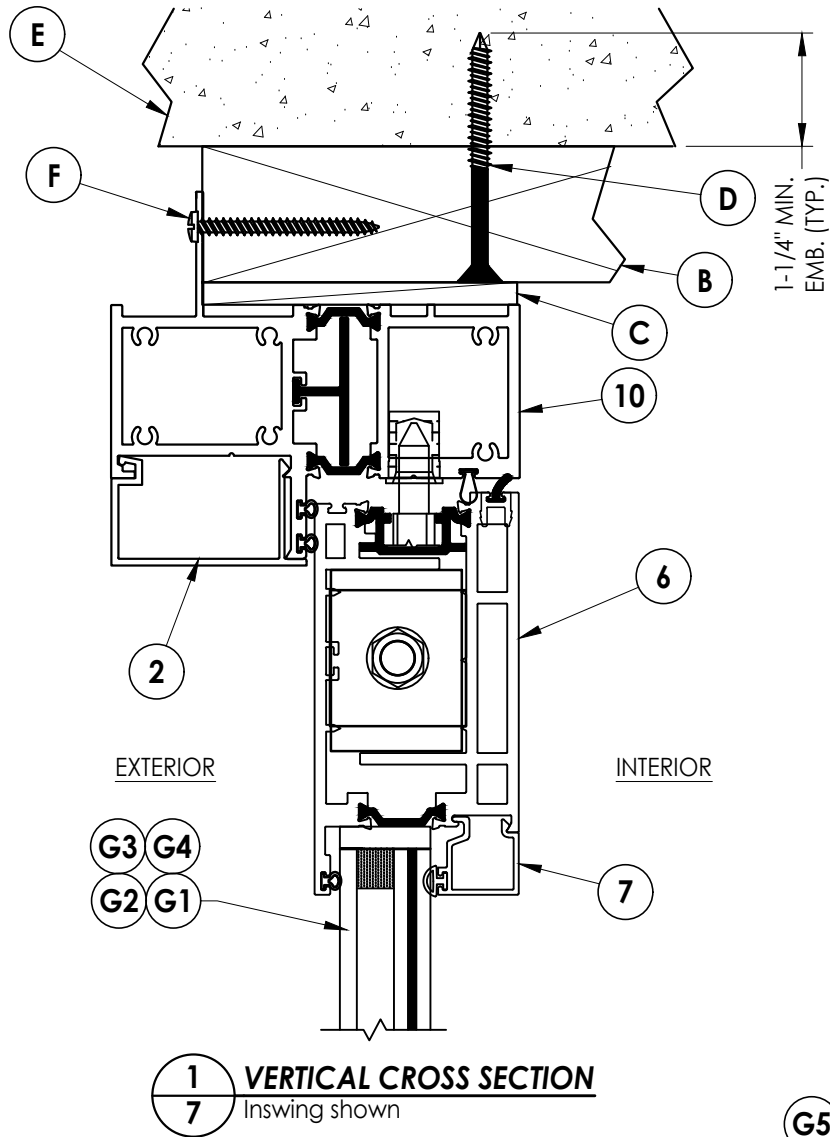
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DRAWING NO.:

FL-17954.4

SHEET 6 OF 12

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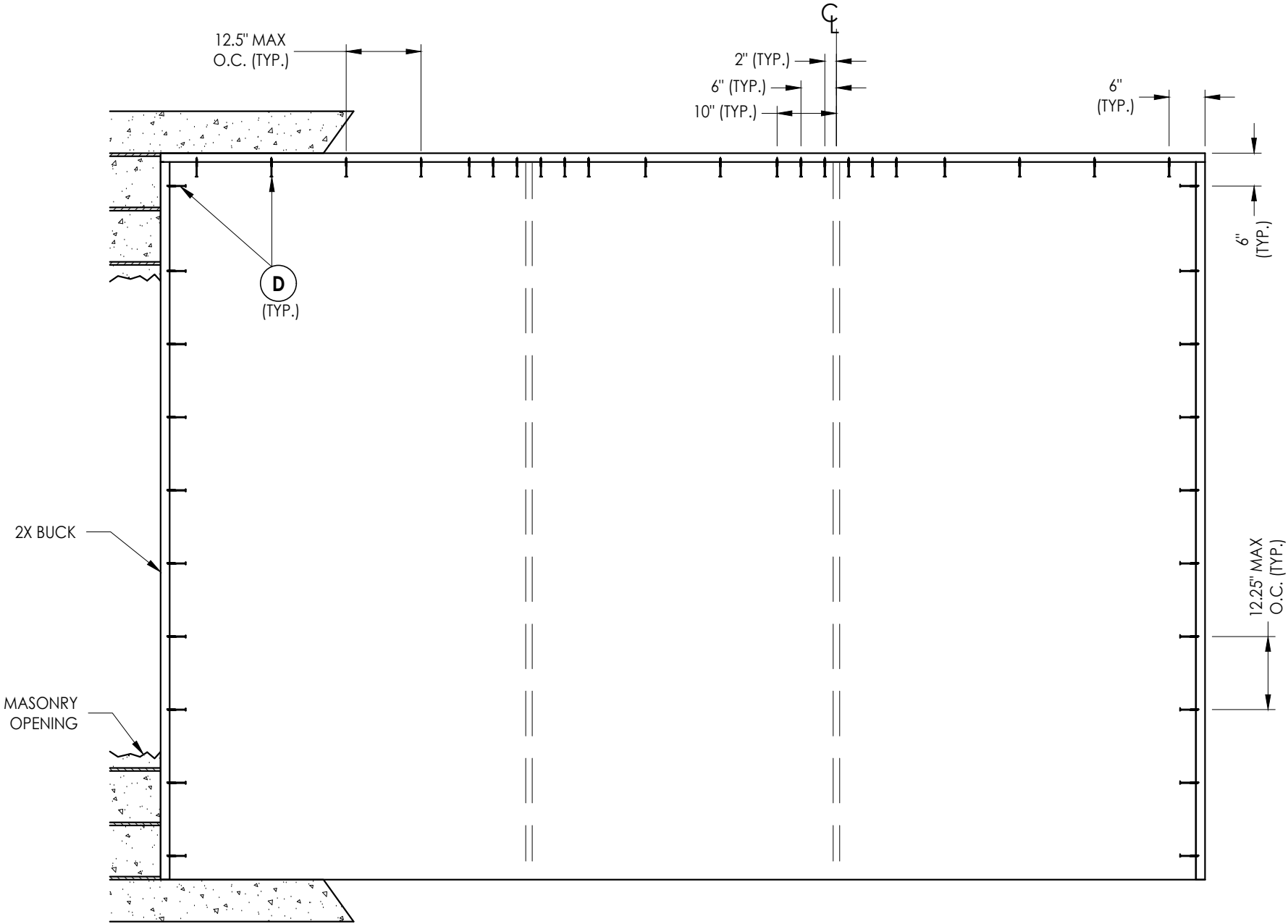
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Phone No.: 813.659.9197  
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FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:  
FIN HORIZONTAL AND VERTICAL  
CROSS SECTIONS

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 1   | 08/07/17 | UPDATE TO 6TH ED. (2017) FBC |
| 2   | 8/11/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   | 7/11/23  | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC |

DATE: 7/29/15  
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CHK. BY: LFS  
DRAWING NO.: FL-17954.4  
SHEET 7 OF 12



2X BUCK ANCHORING

OXO Shown (XOO Similar)

DATE: 7/29/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17954.4

SHEET 8 OF 12

| NO. | DATE     | REVISIONS                        |
|-----|----------|----------------------------------|
| 4   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC LFS |
| 3   | 7/11/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 8/11/20  | UPDATE TO 7TH ED. (2020) FBC DAC |
| 1   | 08/07/17 | UPDATE TO 6TH ED. (2017) FBC LFS |
|     |          | BY                               |

|                   |                             |
|-------------------|-----------------------------|
| PRODUCT:          | FLEETWOOD WINDOWS AND DOORS |
| PART OR ASSEMBLY: | BUCK ANCHORING              |

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  
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SHOOT BOLT STRIKE

Ø0.5"

**DETAIL 2**

**STRIKE DETAIL**

Diagram illustrating the Strike Plate Detail. The diagram shows a vertical section of a door with a strike plate (56) and two screws (57). The dimensions are as follows:

- Overall height: 35.5"
- Distance from the top edge to the center of the strike plate: 17.5"
- Distance from the bottom edge to the center of the strike plate: 39.03"

**FIN ANCHORING**  
OXO Shown (XOO Similar)

[illegible]

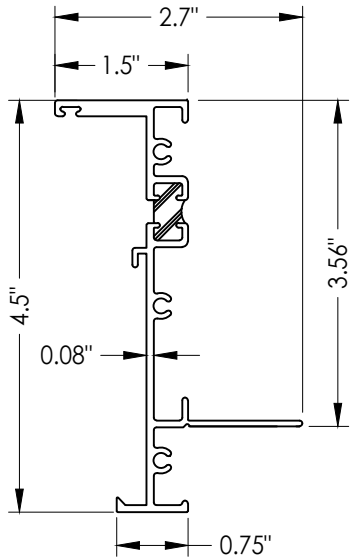
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|-------------------|-----------------------------|
| PRODUCT:          | FLEETWOOD WINDOWS AND DOORS |
| PART OR ASSEMBLY: | FRAME ANCHORING             |

Documents Prepared By:  
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P.E. No. 43409

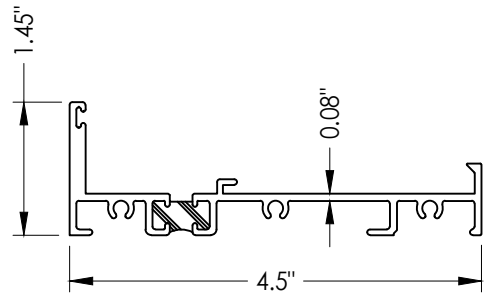
***R<sup>g</sup>W*** BUILDING CONSULTANTS, INC.  
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FBPE Registry No. 9813



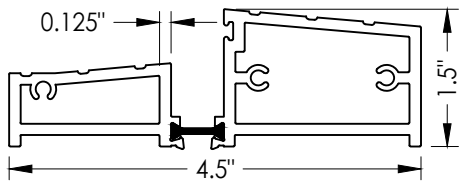
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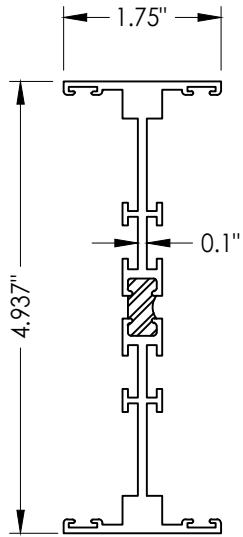
17 KONA FRAME  
(Fin)



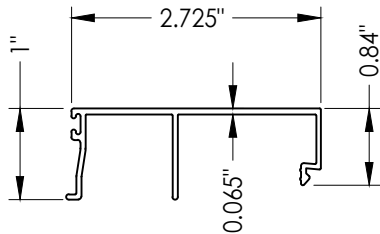
19 KONA FRAME



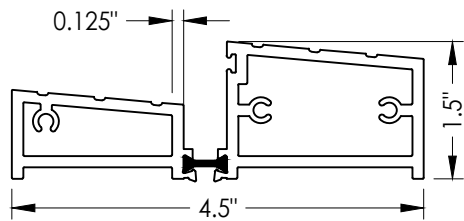
3 OUTSWING SILL



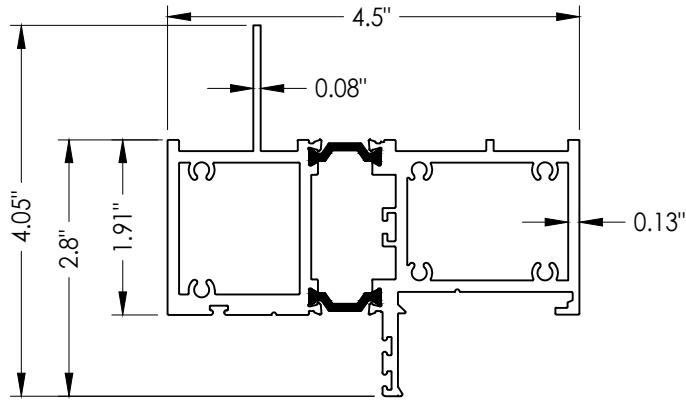
16 KONA I-MULLION



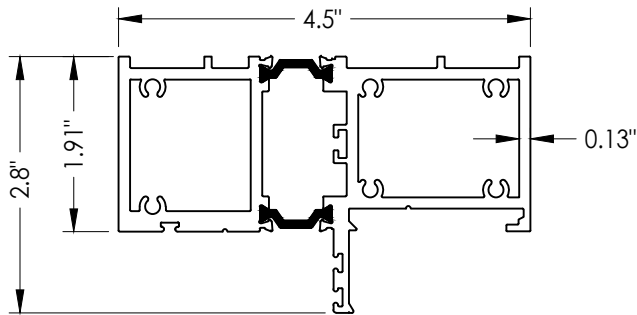
18 KONA 1-1/2" GLASS STOP



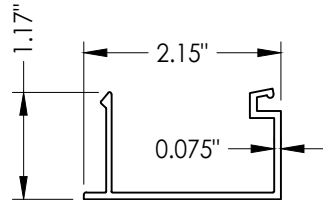
5 INSWING SILL



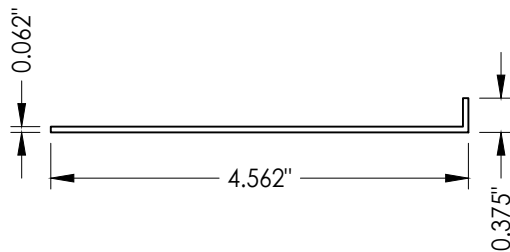
10 FRAME (FIN)



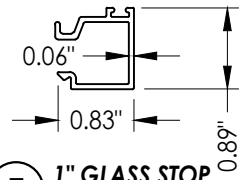
1 FRAME



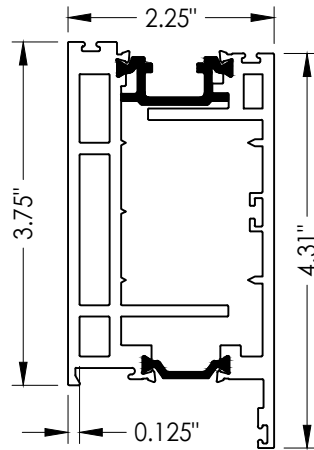
2 FRAME SNAP-IN



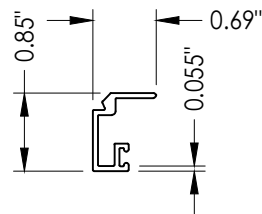
4 SILL PAN



7 1" GLASS STOP



6 SASH



13 1.5" GLASS STOP

DATE: 7/29/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17954.4

SHEET 11 OF 12

PRODUCT:

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

COMPONENTS

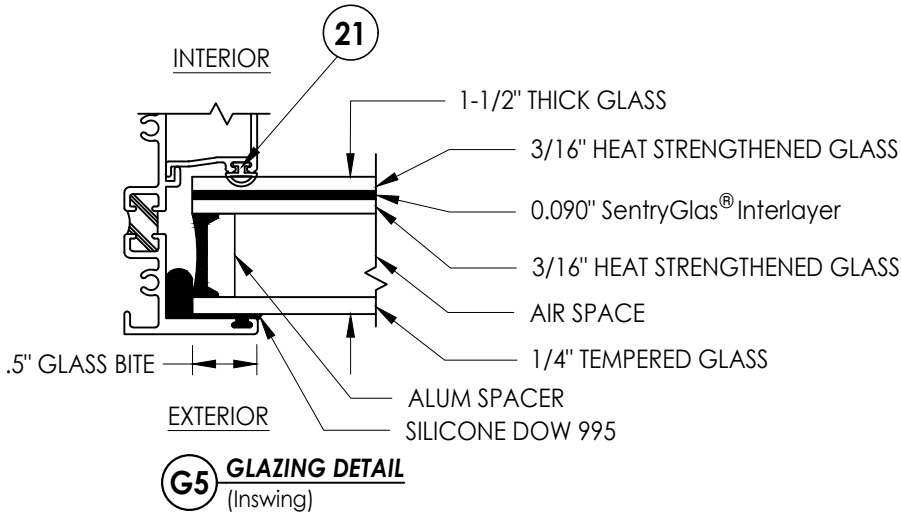
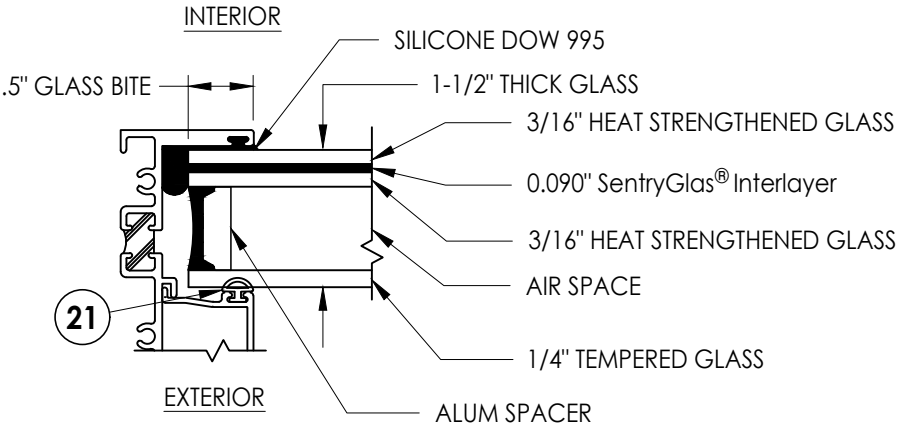
Documents Prepared By:

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

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\FL-17954.1.3.4.6.7.dwg

| BILL OF MATERIALS |                                                                                                |                            |
|-------------------|------------------------------------------------------------------------------------------------|----------------------------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL - MANUFACTURER    |
| 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 PFH 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 1-3/4" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)                                            | STEEL                      |
| G                 | #10 x 2" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)                                                | STEEL                      |
| J                 | 1/4" X 2-1/4" ITW PFH CONCRETE SCREW                                                           | STEEL                      |
| K                 | #10 FH SELF-DRILLING SMS                                                                       | STEEL                      |
| X                 | STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)                    | STEEL                      |
| 1                 | FRAME                                                                                          | 6063-T6 ALUM               |
| 2                 | FRAME SNAP-IN                                                                                  | 6063-T6 ALUM               |
| 3                 | OUTSWING SILL                                                                                  | 6063-T6 ALUM               |
| 4                 | SILL PAN                                                                                       | 6063-T6 ALUM               |
| 5                 | INSWING SILL                                                                                   | 6063-T6 ALUM               |
| 6                 | SASH                                                                                           | 6063-T6 ALUM               |
| 7                 | 1" GLASS STOP                                                                                  | 6063-T6 ALUM               |
| 8                 | ATLANTIC SEAL CLIP                                                                             | 6063-T6 ALUM               |
| 10                | FRAME (FIN)                                                                                    | 6063-T6 ALUM               |
| 13                | 1.5" GLASS STOP                                                                                | 6063-T6 ALUM               |
| 16                | KONA I-MULLION                                                                                 | 6063-T6 ALUM               |
| 17                | KONA FRAME (FIN)                                                                               | 6063-T6 ALUM               |
| 18                | KONA 1-1/2" GLASS STOP                                                                         | 6063-T6 ALUM               |
| 19                | KONA FRAME                                                                                     | 6063-T6 ALUM               |
| 20                | BULB VINYL - MINI (EPDM 70 Durometer)                                                          | TREMCO, # TX20801E         |
| 21                | BULB VINYL - LARGE (EPDM 70 Durometer)                                                         | TREMCO, # TX19638E         |
| 22                | FOAM SEAL                                                                                      | EMESBURY, # 32390          |
| 24                | Q-LON FOAM SEAL                                                                                | SCHLEGEL CORP., # Q375T190 |
| 25                | Q-LON FOAM SEAL                                                                                | SCHLEGEL CORP., # QEZ 376  |
| 31                | BUTT HINGE                                                                                     | SAVIO                      |
| 32                | BACK UP KIT                                                                                    | SAVIO                      |
| 33                | HINGE BOLT, 8M X 48MM (FOR PANEL)                                                              | SAVIO                      |
| 36                | BACK UP PLATE FOR CORNER BLOCK                                                                 | -                          |
| 37                | MACHINE SCREW NO 10-32, FHP 1.125"                                                             | STAINLESS STEEL            |
| 38                | MACHINE SCREW NO 10-32, FHP .75"                                                               | STAINLESS STEEL            |
| 39                | HEX HEAD CAP SCREW .375-16, 2.250"                                                             | STAINLESS STEEL            |
| 40                | .375-16 SS. HEX NUT                                                                            | STAINLESS STEEL            |
| 41                | .375 SPLIT LOCK WASHER                                                                         | STAINLESS STEEL            |
| 46                | #10 X 1/2" PFH SMS                                                                             | STAINLESS STEEL            |
| 47                | #10 X 2" PFH SMS                                                                               | STAINLESS STEEL            |
| 48                | #8 x 1" PFH SMS                                                                                | STAINLESS STEEL            |
| 49                | #10 X 2-1/2" PFH SMS                                                                           | STAINLESS STEEL            |
| 50                | 4" LONG SETTING BLOCK                                                                          | -                          |
| 52                | ANCHOR BLOCK                                                                                   | 6063-T6 ALUM               |
| 56                | LATCH AND DEADBOLT STRIKE PLATE                                                                | STAINLESS STEEL            |
| 57                | STRIKE PLATE                                                                                   | STAINLESS STEEL            |
| 60                | TDL BAR                                                                                        | 6063-T6 ALUM               |



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.

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PRODUCT:  
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& GLAZING DETAILS (G5)

| NO. | DATE      | BY  | REVISIONS                    |
|-----|-----------|-----|------------------------------|
| 4   | 7/02/26   | LFS | UPDATE TO 9TH ED. (2026) FBC |
| 3   | 7/11/23   | LFS | UPDATE TO 8TH ED. (2023) FBC |
| 2   | 8/11/20   | DAC | UPDATE TO 7th ED. (2020) FBC |
| 1   | 108/07/17 | LFS | UPDATE TO 6TH ED. (2017) FBC |

DATE: 7/29/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17954.4

SHEET 12 OF 12