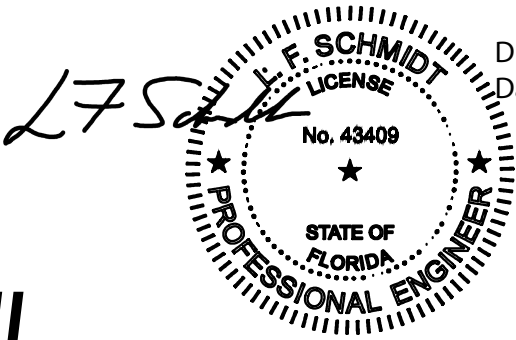


Series 3070-HI  
Sliding Glass Pocket Door  
w/ 90° Outside Corner  
"IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- This product meets water infiltration requirements for "HVHZ".
- Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
- Gaskets shall comply with FBC Section 2411.3.4.

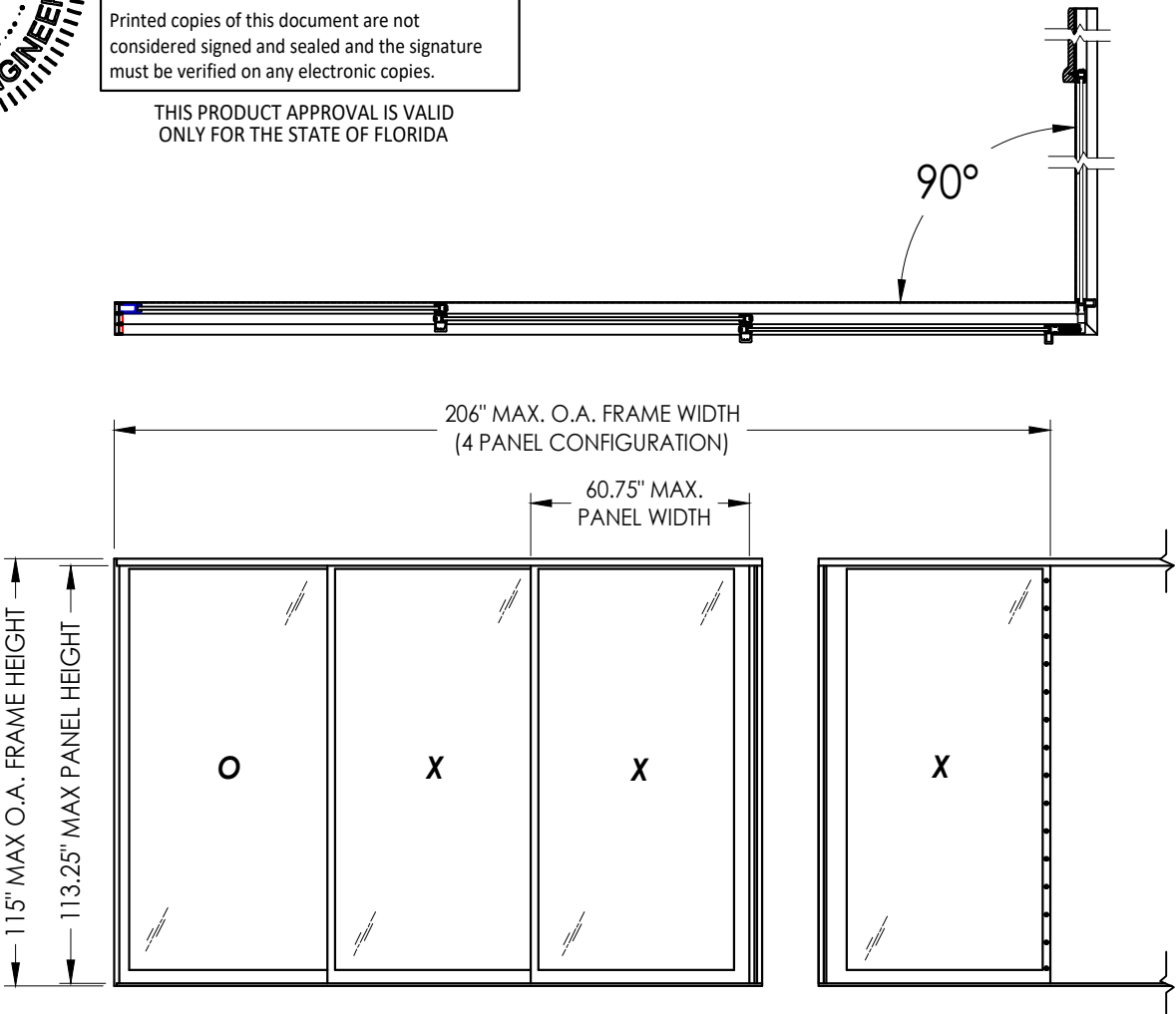
| TABLE OF CONTENTS |                                                        |
|-------------------|--------------------------------------------------------|
| SHEET#            | DESCRIPTION                                            |
| 1                 | Typical elevations, design pressures and general notes |
| 2                 | Horizontal cross sections                              |
| 3                 | Vertical cross sections                                |
| 4                 | Vertical cross sections                                |
| 5                 | Buck anchoring                                         |
| 6                 | Frame anchoring                                        |
| 7                 | Components                                             |
| 8                 | Bill of materials and glazing details                  |



Digitally signed by Lyndon F Schmidt  
Date: 2023.07.13 12:23:04 -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<br>PANEL<br>DIMENSION | MAX<br>D.L.O.<br>DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |          |
|---------------------------|----------------------------|------------|-----------------------|----------|
|                           |                            |            | POSITIVE              | NEGATIVE |
| 60.75" X 113.25"          | 52.63" X 106.5"            | G1, G2, G4 | +55.0                 | -60.0    |
| 60.75" X 98.25"           | 52.63" X 91.5"             | G3         | +55.0                 | -60.0    |
| 51.12" X 113.25"          | 43.0" X 106.5"             | G3         | +55.0                 | -60.0    |

Note: 3 + 1 Panels shown, however, any combination of fixed and operable panels is allowed. There is not a limit on the number of panels.

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

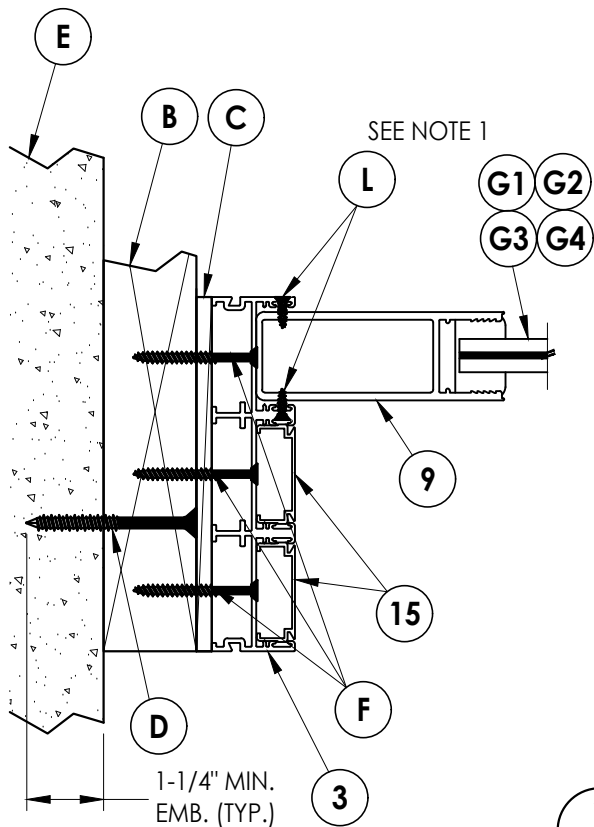
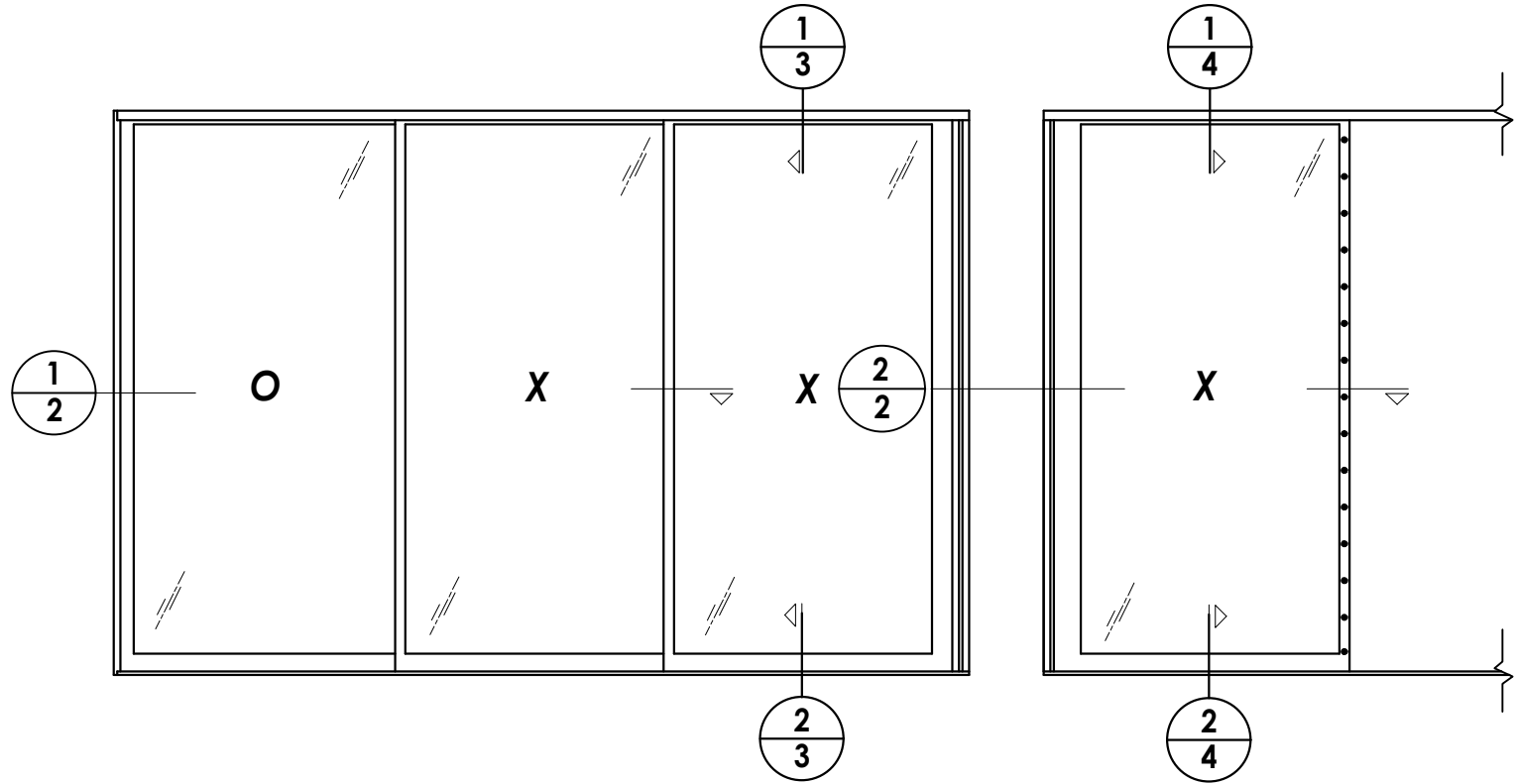
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: FLEETWOOD WINDOWS & DOORS  
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

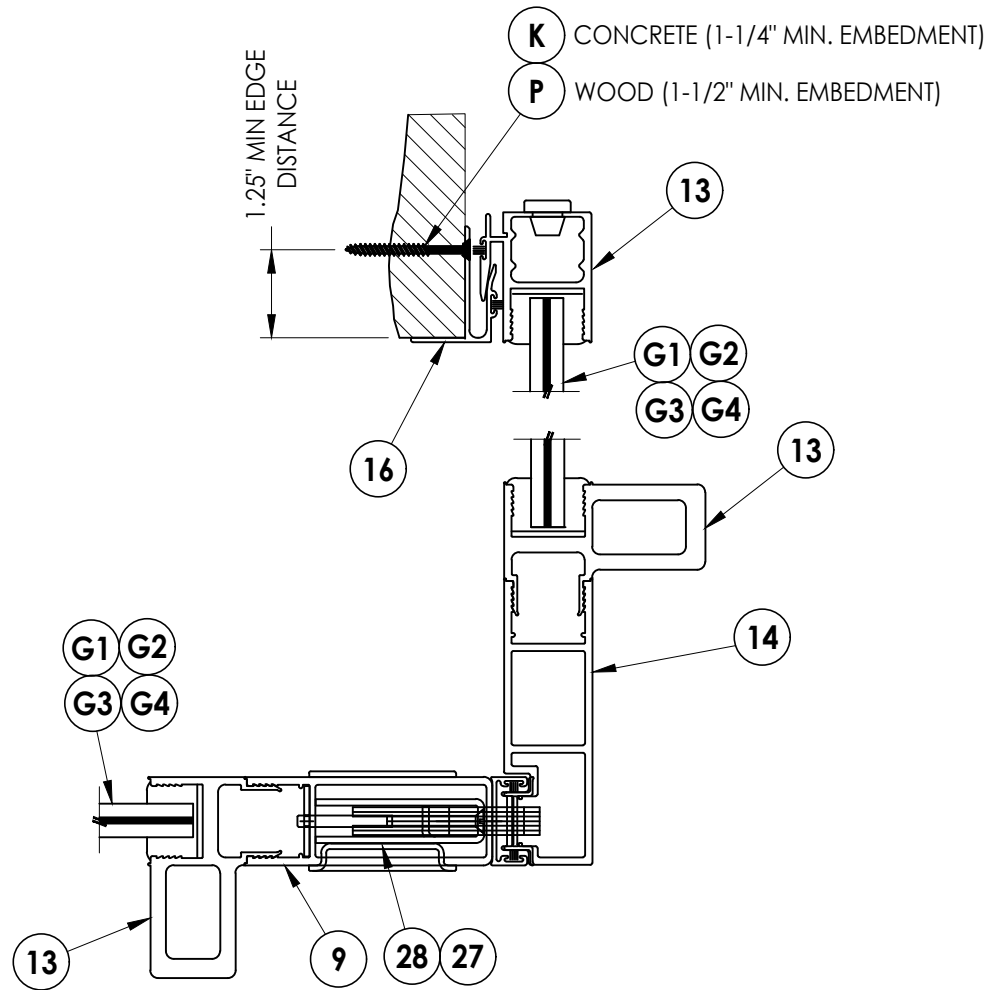
| NO. | DATE     | REVISIONS                                               |
|-----|----------|---------------------------------------------------------|
| 6   | 7/12/23  | UPDATE TO 8TH ED. (2023) FBC                            |
| 5   | 8/10/20  | UPDATE TO 7TH ED. (2020) FBC                            |
| 4   | 08/08/17 | UPDATE TO 6TH ED. (2017) FBC                            |
| 3   | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME |
| 2   |          |                                                         |
| 1   |          |                                                         |

DATE: 04/30/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15560.4  
SHEET 1 OF 8

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560 1-5.dwg



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



**2**  
**2** **HORIZONTAL CROSS SECTION**  
90° Corner

NOTE:  
1. Fixed panel screws located 39" from each end.

| NO. | DATE     | REVISIONS                      |     |      |      |
|-----|----------|--------------------------------|-----|------|------|
|     |          | DATE                           | BY  | CHK. | APP. |
| 6   | 7/12/23  | UPDATE TO 8TH ED. (2023)       | FBC | LFS  |      |
| 5   | 8/10/20  | UPDATE TO 7TH ED. (2020)       | FBC | DAC  |      |
| 4   | 08/08/17 | UPDATE TO 6TH ED. (2017)       | FBC | LFS  |      |
| 3   | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE | JK  |      |      |
|     |          | G3 GLAZING & CHANGE NAME       |     |      |      |

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.4

SHEET 2 OF 8

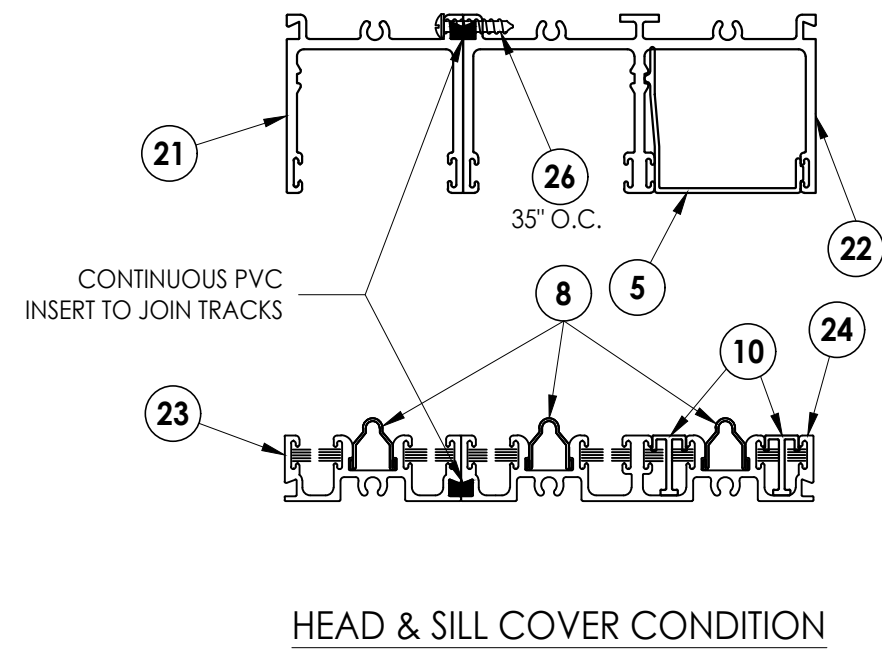
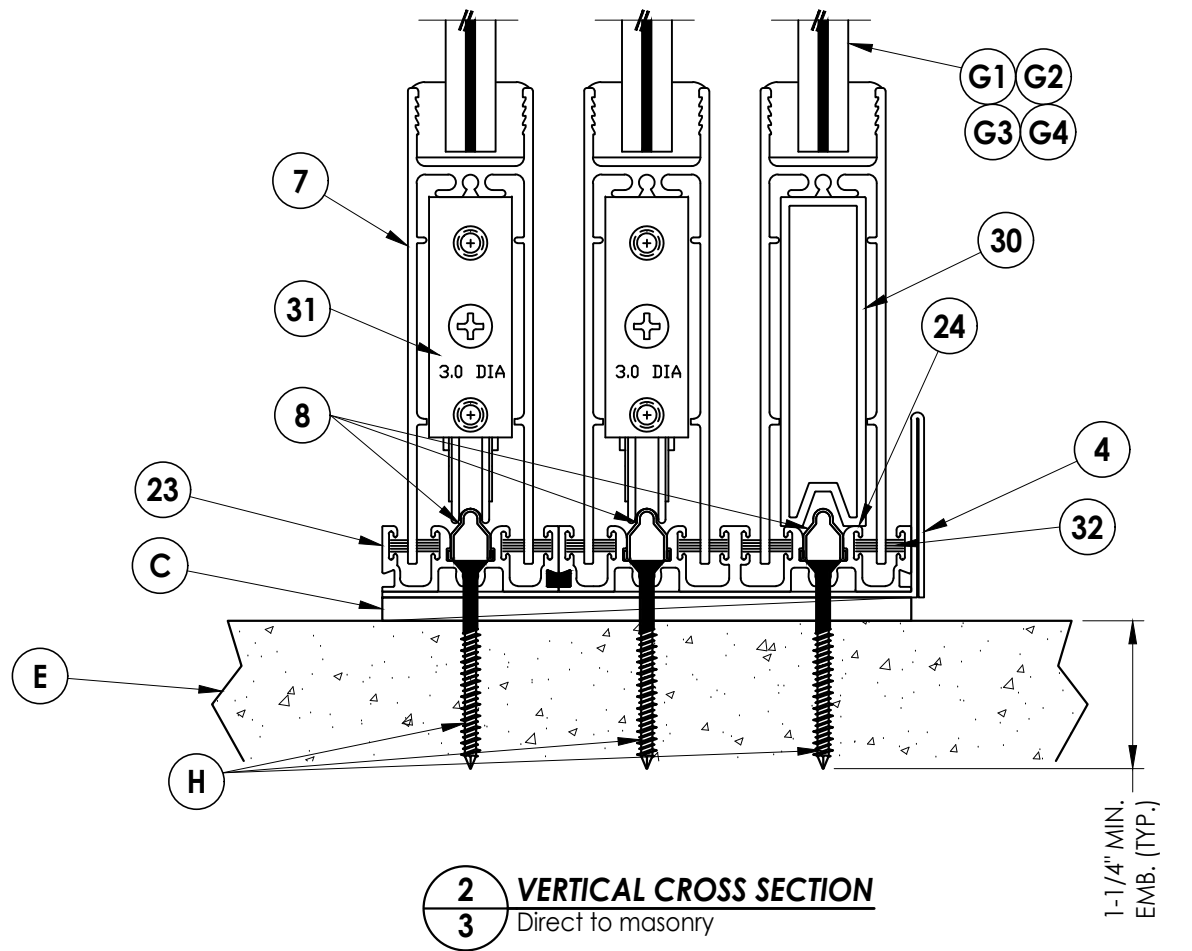
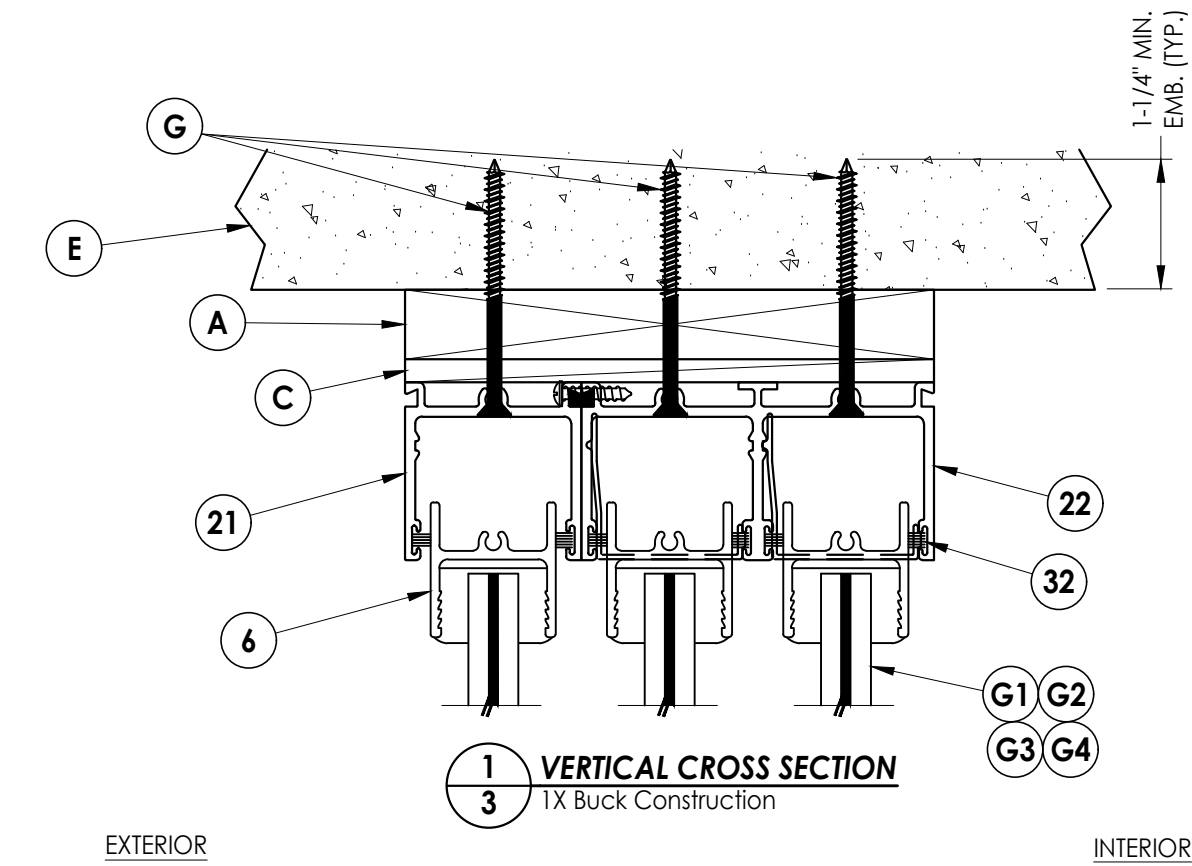
PRODUCT:  
FLEETWOOD WINDOWS & DOORS

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

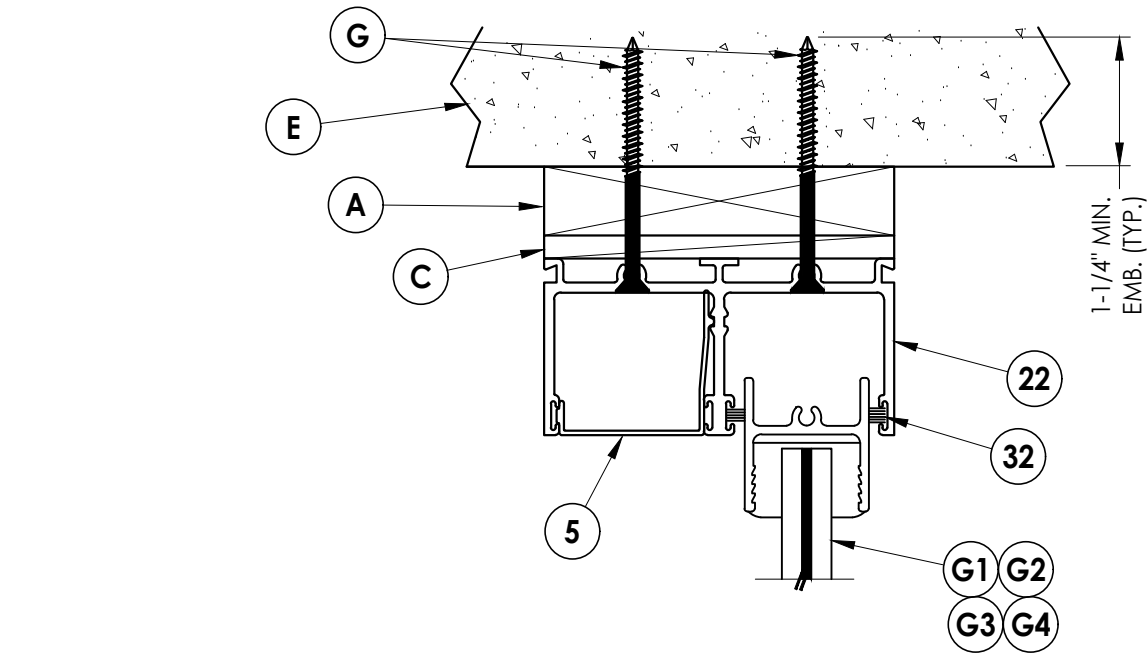
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.1-5.dwg



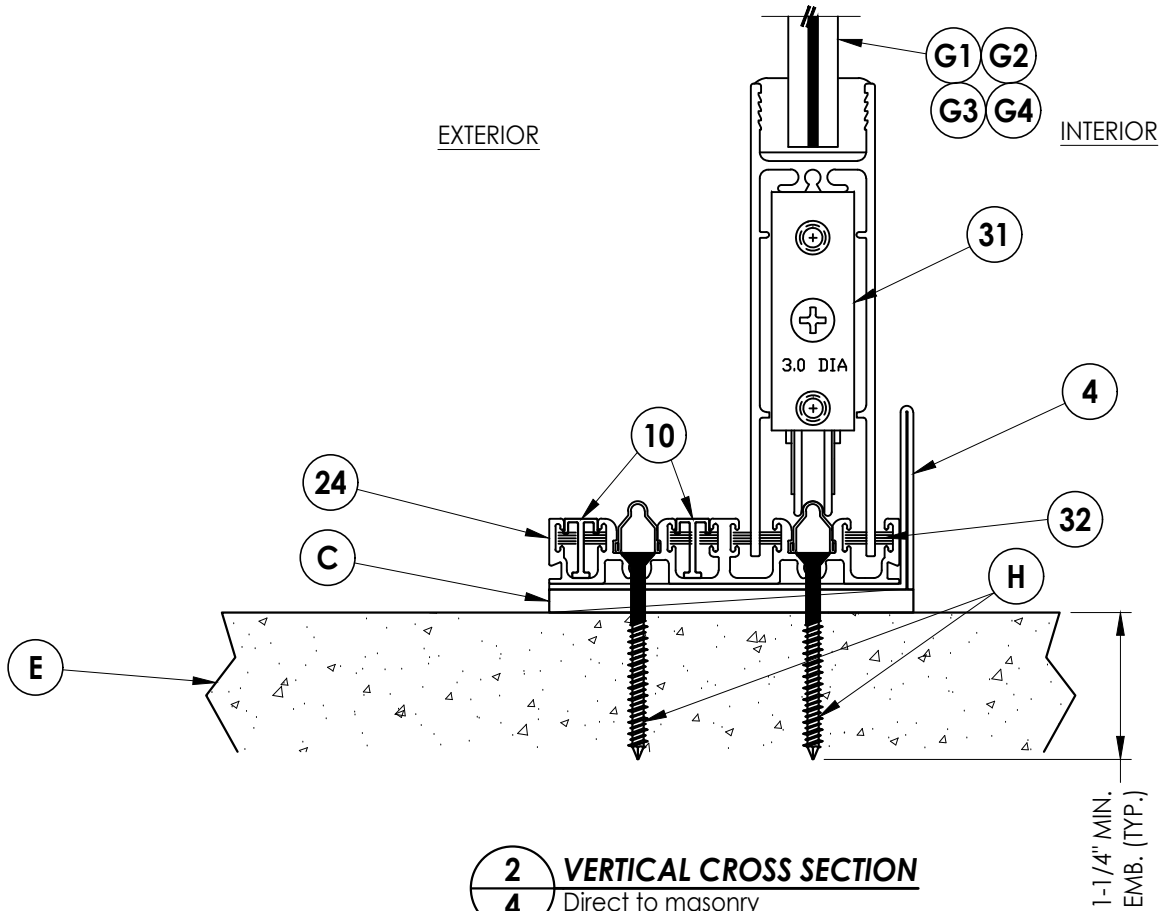
NOTE:  
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).

|                                                               |          |                                |     |                                                                                                                    |           |  |  |
|---------------------------------------------------------------|----------|--------------------------------|-----|--------------------------------------------------------------------------------------------------------------------|-----------|--|--|
| 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><br>FLEETWOOD WINDOWS & DOORS                     |          |                                |     | PART OR ASSEMBLY:<br><br>VERTICAL<br>CROSS SECTIONS                                                                |           |  |  |
| 6                                                             | 7/12/23  | UPDATE TO 8TH ED. (2023)       | FBC | LFS                                                                                                                | REVISIONS |  |  |
| 5                                                             | 8/10/20  | UPDATE TO 7TH ED. (2020)       | FBC | DAC                                                                                                                |           |  |  |
| 4                                                             | 08/08/17 | UPDATE TO 6TH ED. (2017)       | FBC | LFS                                                                                                                |           |  |  |
| 3                                                             | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE | JK  |                                                                                                                    |           |  |  |
| NO. DATE                                                      |          | G3 GLAZING & CHANGE NAME       |     | BY                                                                                                                 |           |  |  |
| DATE: 04/30/12                                                |          |                                |     |                                                                                                                    |           |  |  |
| SCALE: N.T.S.                                                 |          |                                |     |                                                                                                                    |           |  |  |
| DWG. BY: JK                                                   |          |                                |     |                                                                                                                    |           |  |  |
| CHK. BY: LFS                                                  |          |                                |     |                                                                                                                    |           |  |  |
| DRAWING NO.: FL-15560.4                                       |          |                                |     |                                                                                                                    |           |  |  |
| SHEET 3 OF 8                                                  |          |                                |     |                                                                                                                    |           |  |  |

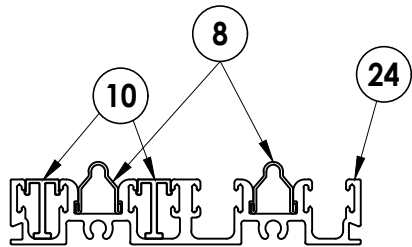
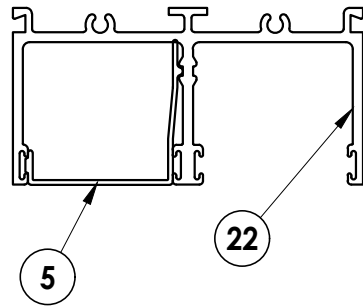
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.1-5.dwg



**1**  
**4** **VERTICAL CROSS SECTION**  
1X Buck Construction



**2**  
**4** **VERTICAL CROSS SECTION**  
Direct to masonry

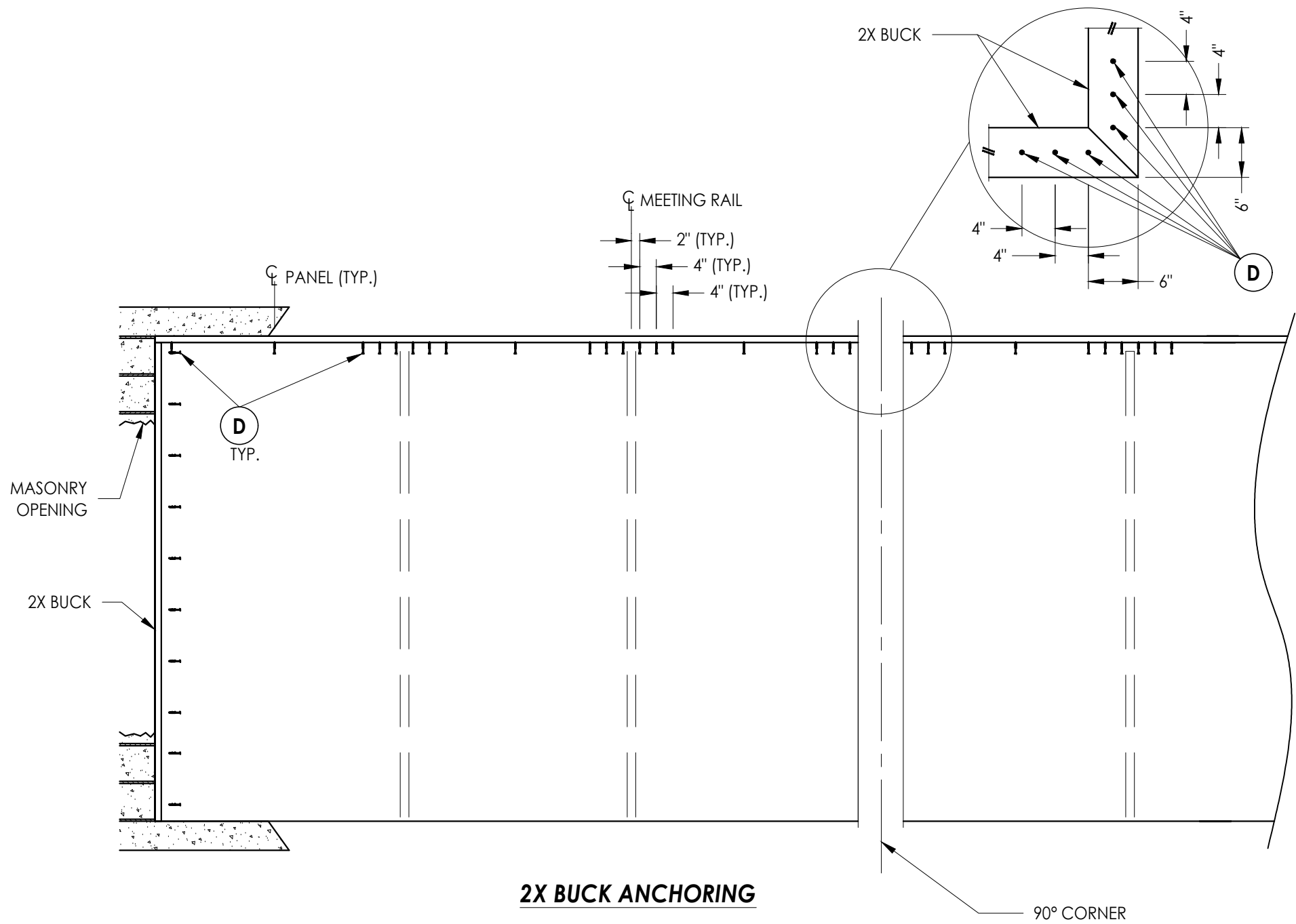


**HEAD & SILL COVER CONDITION**

NOTE:  
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).

|                                                               |          |                                                                                                                    |     |
|---------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|-----|
| 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><br>FLEETWOOD WINDOWS & DOORS                     |          | PART OR ASSEMBLY:<br><br>VERTICAL<br>CROSS SECTIONS                                                                |     |
|                                                               |          |                                                                                                                    |     |
| 6                                                             | 7/12/23  | UPDATE TO 8TH ED. (2023)                                                                                           | LFS |
| 5                                                             | 8/10/20  | UPDATE TO 7TH ED. (2020)                                                                                           | DAC |
| 4                                                             | 08/08/17 | UPDATE TO 6TH ED. (2017)                                                                                           | LFS |
| 3                                                             | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME                                                            | JK  |
| NO.                                                           | DATE     |                                                                                                                    | BY  |
| REVISIONS                                                     |          |                                                                                                                    |     |
| DATE: 04/30/12                                                |          |                                                                                                                    |     |
| SCALE: N.T.S.                                                 |          |                                                                                                                    |     |
| DWG. BY: JK                                                   |          |                                                                                                                    |     |
| CHK. BY: LFS                                                  |          |                                                                                                                    |     |
| DRAWING NO.: FL-15560.4                                       |          |                                                                                                                    |     |
| SHEET 4 OF 8                                                  |          |                                                                                                                    |     |

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.1-5.dwg



CONCRETE ANCHOR NOTES:

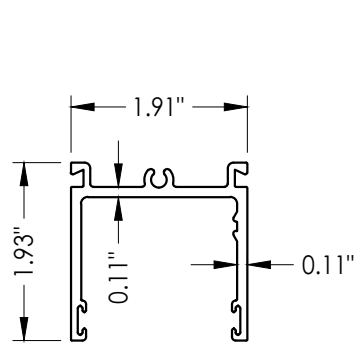
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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"         | 2-1/2"                         | 4"                                |

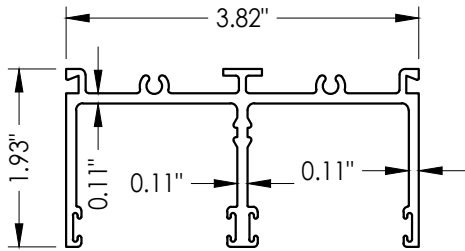
|                                                               |          |                                                                                                                    |         |
|---------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------|
| 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><br>FLEETWOOD WINDOWS & DOORS                     |          | PART OR ASSEMBLY:<br><br>BUCK ANCHORING                                                                            |         |
| 6                                                             | 7/12/23  | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 5                                                             | 8/10/20  | UPDATE TO 7TH ED. (2020)                                                                                           | FBC DAC |
| 4                                                             | 08/08/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC LFS |
| 3                                                             | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE                                                                                     | JK      |
|                                                               |          | G3 GLAZING & CHANGE NAME                                                                                           |         |
| NO.                                                           | DATE     |                                                                                                                    | BY      |
| REVISIONS                                                     |          |                                                                                                                    |         |
| DATE: 04/30/12                                                |          |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |          |                                                                                                                    |         |
| DWG. BY: JK                                                   |          |                                                                                                                    |         |
| CHK. BY: LFS                                                  |          |                                                                                                                    |         |
| DRAWING NO.:<br>FL-15560.4                                    |          |                                                                                                                    |         |
| SHEET 5 OF 8                                                  |          |                                                                                                                    |         |



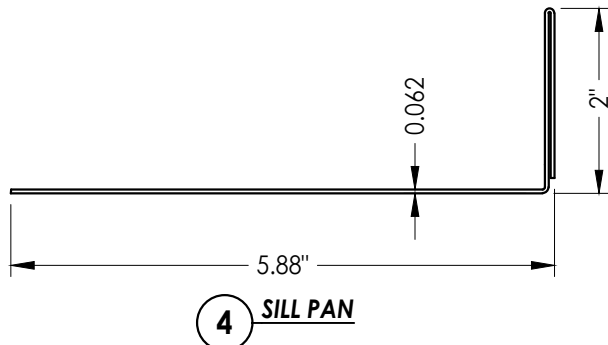
Z:\2023-FBC Drawings\Fleetwood Windows & Doors\FL-15560-R12 Sliding-Ratio-Door\FL-15560-1-5.dwg



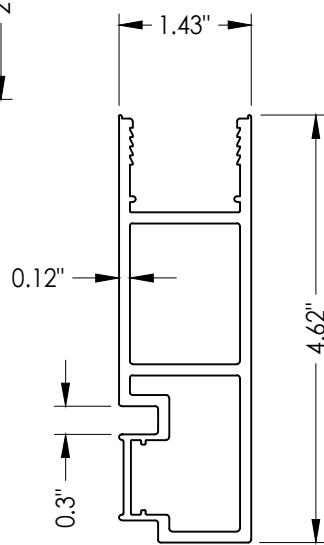
21 HEAD TRACK  
1 Run



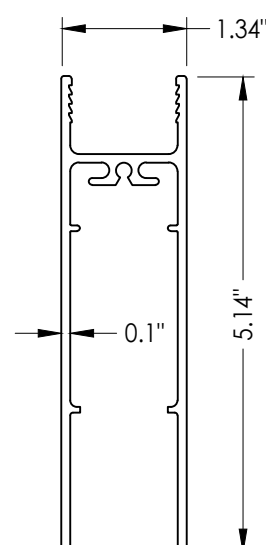
22 HEAD TRACK  
2 Runs



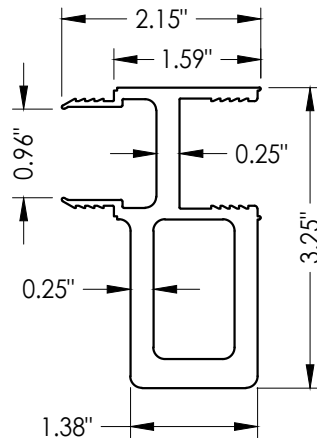
4 SILL PAN



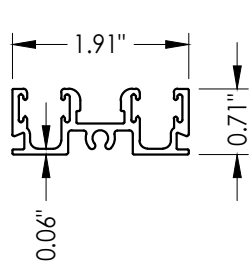
14 90° CORNER LOCK STILE



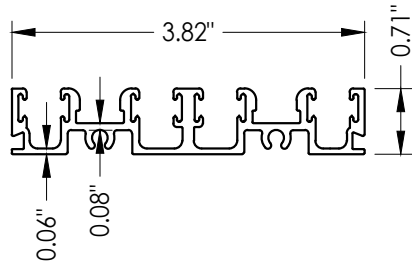
7 BOTTOM RAIL



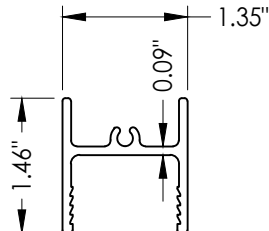
13 WINDLOAD ADAPTER



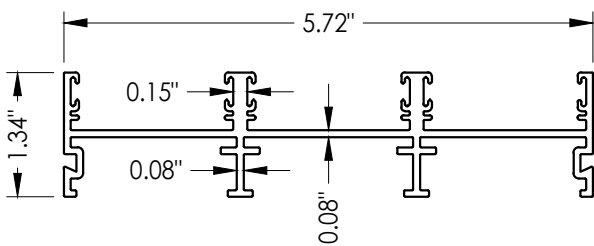
23 SILL TRACK  
1 Run



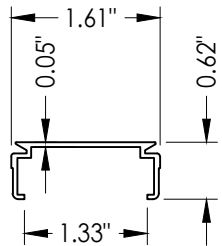
2 SILL TRACK  
2 Runs



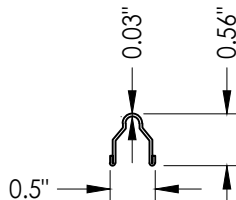
6 TOP RAIL



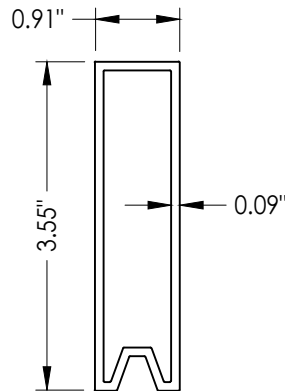
3 JAMB TRACK



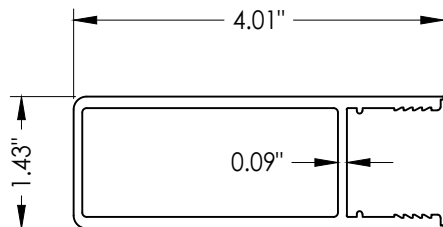
15 JAMB CHANNEL FILLER



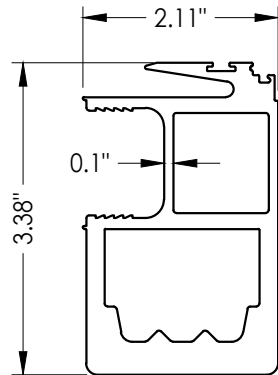
8 TRACK



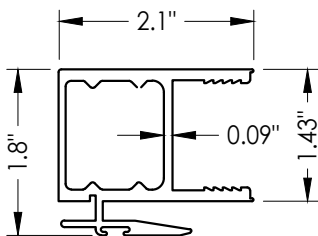
30 PANEL SETTING BLOCK



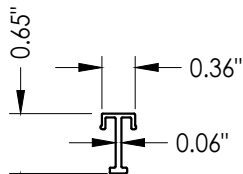
9 STILE



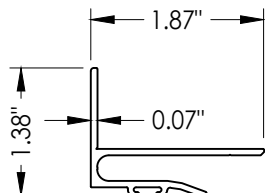
12 INTERLOCK STILE  
High Performance



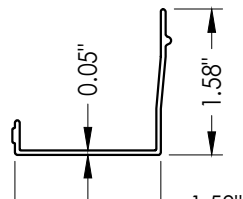
11 INTERLOCK STILE  
Standard



10 SILL CHANNEL FILLER



16 POCKET INTERLOCKER



5 HEAD CHANNEL FILLER

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:  
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:  
COMPONENTS

| NO. | DATE     | REVISIONS                                               |
|-----|----------|---------------------------------------------------------|
| 6   | 7/12/23  | UPDATE TO 8TH ED. (2023) FBC                            |
| 5   | 8/10/20  | UPDATE TO 7TH ED. (2020) FBC                            |
| 4   | 08/08/17 | UPDATE TO 6TH ED. (2017) FBC                            |
| 3   | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME |
| 2   |          |                                                         |
| 1   |          |                                                         |

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

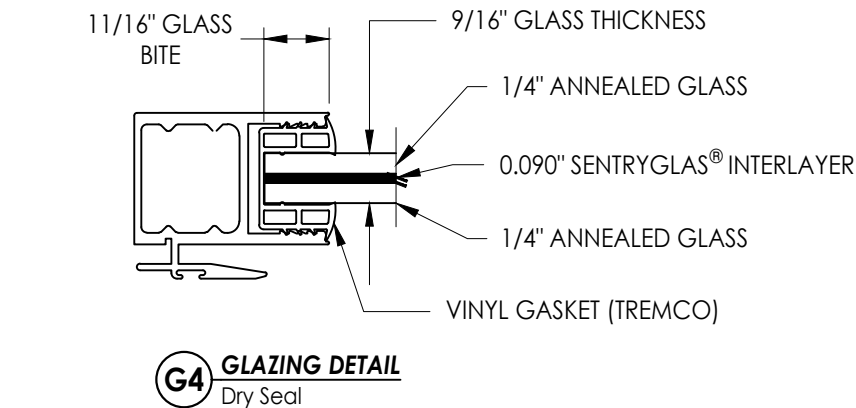
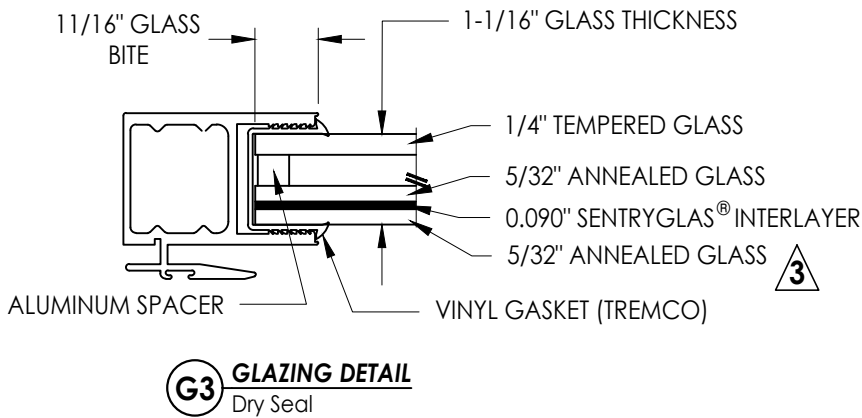
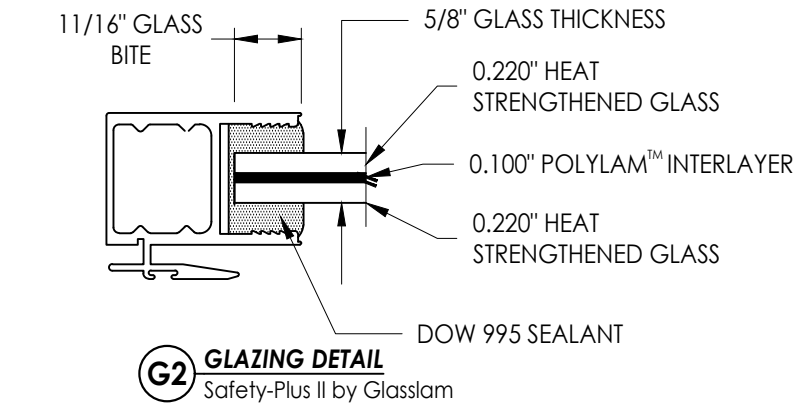
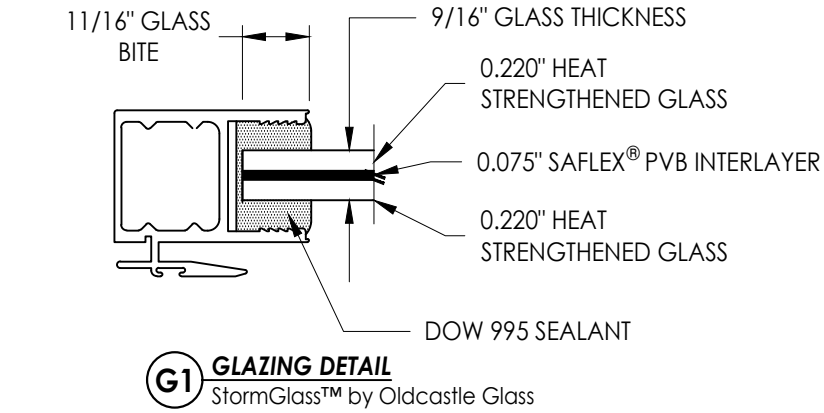
CHK. BY: LFS

DRAWING NO.: FL-15560.4

SHEET 7 OF 8

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.1-5.dwg

| 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 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 2" PFH SMS (1" MIN. EMBEDMENT)                                                           | STEEL        |
| G                 | 3/16" X 2-3/4" ITW PFH CONCRETE SCREW                                                          | STEEL        |
| H                 | 3/16" X 2-1/4" ITW PFH CONCRETE SCREW                                                          | STEEL        |
| J                 | 3/16" X 3-1/4" ITW PFH CONCRETE SCREW                                                          | STEEL        |
| K                 | 1/4" X 1- 3/4" DeWALT PFH CONCRETE SCREW                                                       | STEEL        |
| L                 | #8 X 1/2" PFH SMS                                                                              | STEEL        |
| P                 | #10 X 2" PFH SMS (1-1/2" MIN. EMBEDMENT)                                                       | STEEL        |
| 3                 | JAMB TRACK (3 RUNS)                                                                            | 6063-T6 ALUM |
| 4                 | SILL PAN (TRIPLE RUN)                                                                          | 5052 -ALUM   |
| 5                 | HEAD CHANNEL FILLER                                                                            | 6063-T6 ALUM |
| 6                 | TOP RAIL                                                                                       | 6063-T6 ALUM |
| 7                 | BOTTOM RAIL                                                                                    | 6063-T6 ALUM |
| 8                 | TRACK                                                                                          | S.S.         |
| 9                 | STILE                                                                                          | 6063-T6 ALUM |
| 10                | SILL CHANNEL FILLER                                                                            | 6063-T6 ALUM |
| 11                | STANDARD INTERLOCK STILE                                                                       | 6063-T6 ALUM |
| 12                | HIGH PERFORMANCE INTERLOCK STILE                                                               | 6063-T6 ALUM |
| 13                | WINDLOAD ADAPTER                                                                               | 6063-T6 ALUM |
| 14                | 90° CORNER LOCK STILE                                                                          | 6063-T6 ALUM |
| 15                | JAMB CHANNEL FILLER                                                                            | 6063-T6 ALUM |
| 16                | POCKET INTERLOCKER                                                                             | 6063-T6 ALUM |
| 21                | HEAD TRACK (1 RUN)                                                                             | 6063-T6 ALUM |
| 22                | HEAD TRACK (2 RUNS)                                                                            | 6063-T6 ALUM |
| 23                | SILL TRACK (1 RUN)                                                                             | 6063-T6 ALUM |
| 24                | SILL TRACK (2 RUNS)                                                                            | 6063-T6 ALUM |
| 26                | #8 X 3/4" PPH SMS                                                                              | STEEL        |
| 27                | PRIMARY LATCH                                                                                  | -            |
| 28                | SECONDARY LATCH                                                                                | -            |
| 29                | HANDLE SET                                                                                     | -            |
| 30                | PANEL SETTING BLOCK                                                                            | 6063-T6 ALUM |
| 31                | MAMMOTH ROLLER ASSEMBLY                                                                        | -            |
| 32                | CENTER-FIN WEATHERSEAL .290 HIGH PILE (AMESBURY 43629-270)                                     | -            |
| 33                | HEAVY DENSITY WEATHERSEAL .300 HIGH PILE (AMESBURY 413330-270)                                 | -            |



NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

|                                                               |          |                                |     |                                                                                                                    |  |  |  |
|---------------------------------------------------------------|----------|--------------------------------|-----|--------------------------------------------------------------------------------------------------------------------|--|--|--|
| 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 & DOORS                         |          |                                |     | PART OR ASSEMBLY:<br>BILL OF MATERIALS<br>AND GLAZING DETAILS                                                      |  |  |  |
| 6                                                             | 7/12/23  | UPDATE TO 8TH ED. (2023) FBC   | LFS |                                                                                                                    |  |  |  |
| 5                                                             | 8/10/20  | UPDATE TO 7TH ED. (2020) FBC   | DAC |                                                                                                                    |  |  |  |
| 4                                                             | 08/08/17 | UPDATE TO 6TH ED. (2017) FBC   | LFS |                                                                                                                    |  |  |  |
| 3                                                             | 8/06/15  | CLARIFY MAX PANEL SIZE, REVISE | JK  |                                                                                                                    |  |  |  |
|                                                               |          | G3 GLAZING & CHANGE NAME       |     |                                                                                                                    |  |  |  |
| NO.                                                           | DATE     |                                | BY  |                                                                                                                    |  |  |  |
| REVISIONS                                                     |          |                                |     |                                                                                                                    |  |  |  |
| DATE: 04/30/12                                                |          |                                |     |                                                                                                                    |  |  |  |
| SCALE: N.T.S.                                                 |          |                                |     |                                                                                                                    |  |  |  |
| DWG. BY: JK                                                   |          |                                |     |                                                                                                                    |  |  |  |
| CHK. BY: LFS                                                  |          |                                |     |                                                                                                                    |  |  |  |
| DRAWING NO.: FL-15560.4                                       |          |                                |     |                                                                                                                    |  |  |  |
| SHEET 8 OF 8                                                  |          |                                |     |                                                                                                                    |  |  |  |