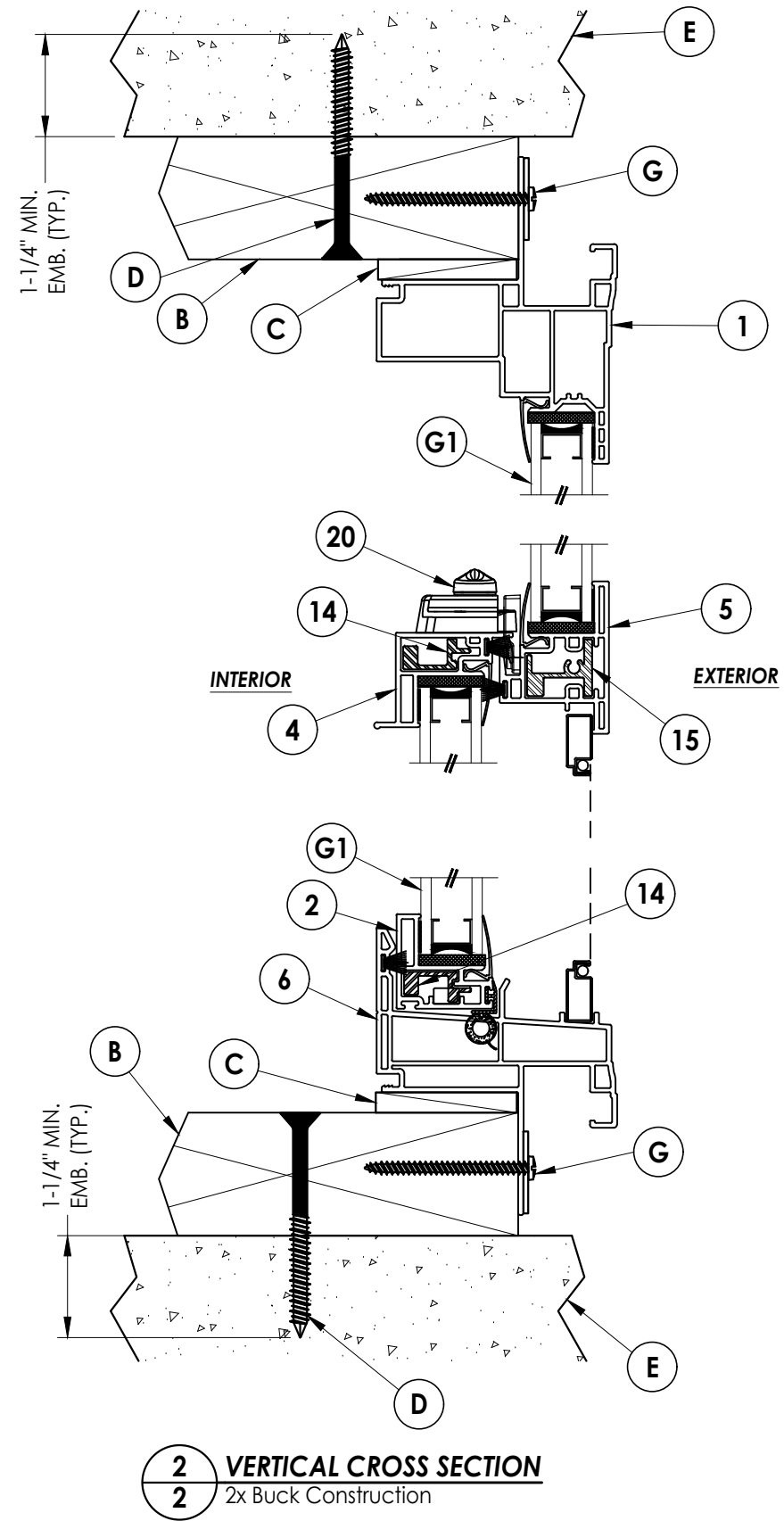
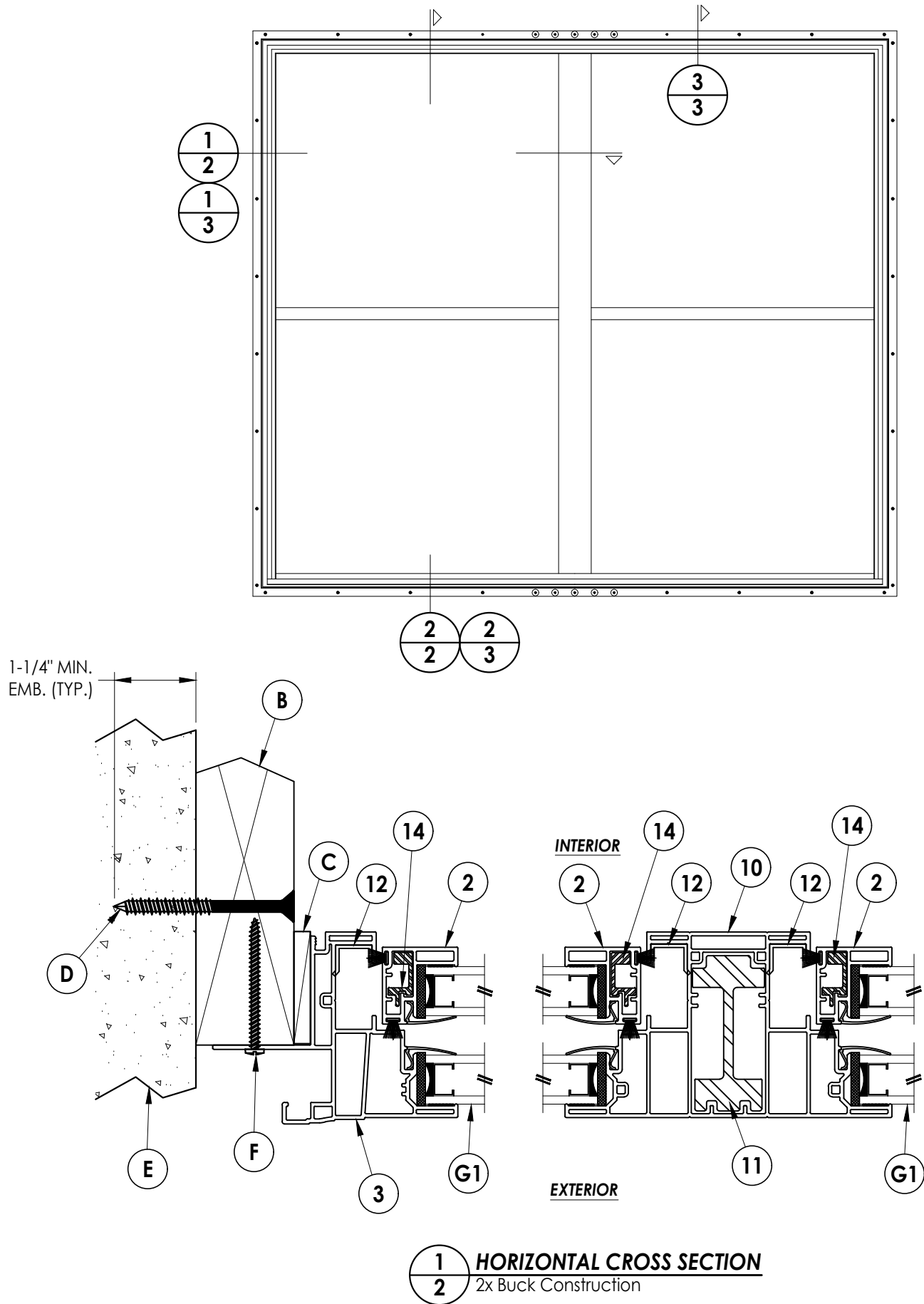






|              |                      |
|--------------|----------------------|
| DATE:        | 9/20/23              |
| SCALE:       | N.T.S.               |
| DWG. BY:     | RW                   |
| CHK. BY:     | LFS                  |
| DRAWING NO.: | FL-10465.20          |
| SHEET        | <u>2</u> OF <u>6</u> |

PRODUCT:

SINGLE HUNG WINDOW

PART OR ASSEMBLY:

## VERTICAL & HORIZONTAL CROSS SECTIONS

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

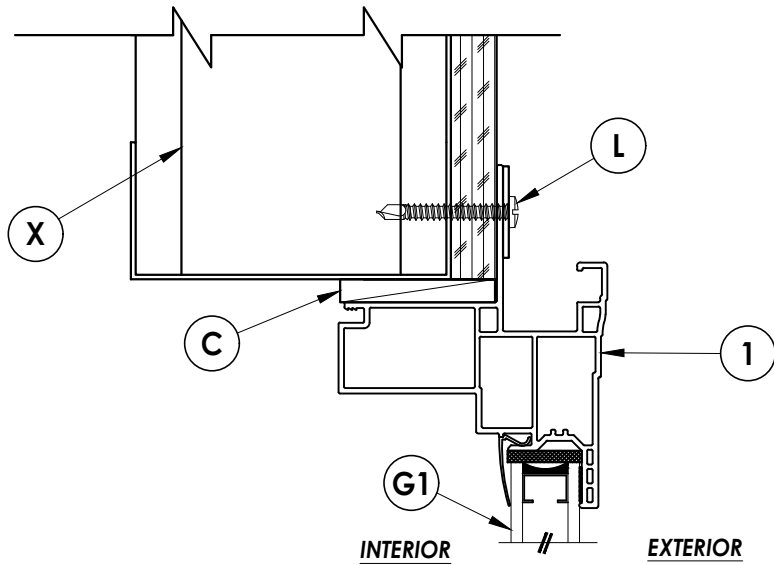
*RW*  
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33487  
Phone No. 813 659 9197

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

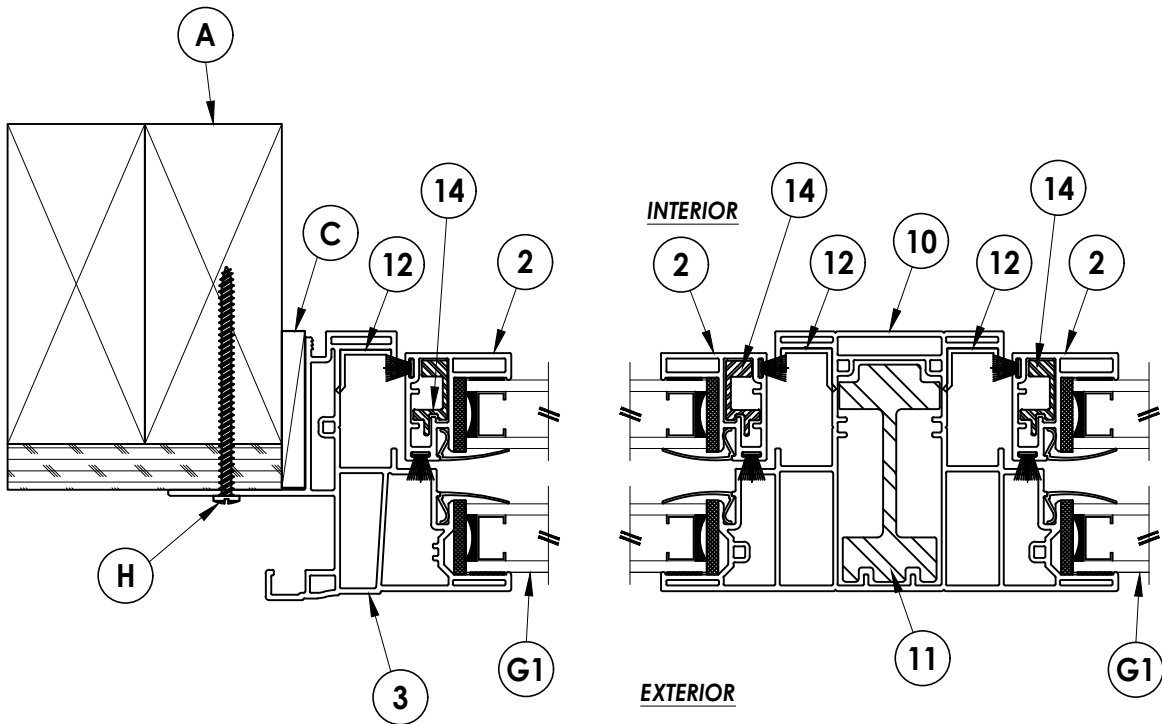
| NO. | DATE | REVISIONS |
|-----|------|-----------|
|     |      |           |

© 2023 R.W. BUILDING CONSULTANTS INC.

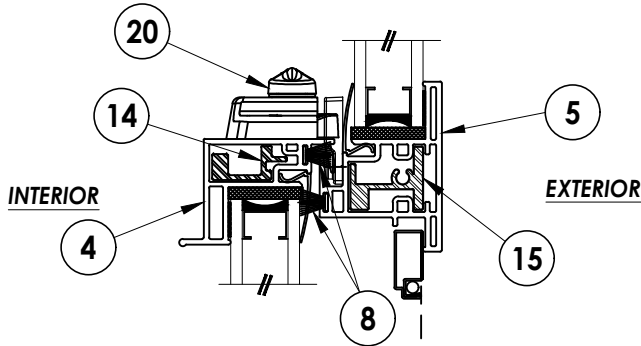
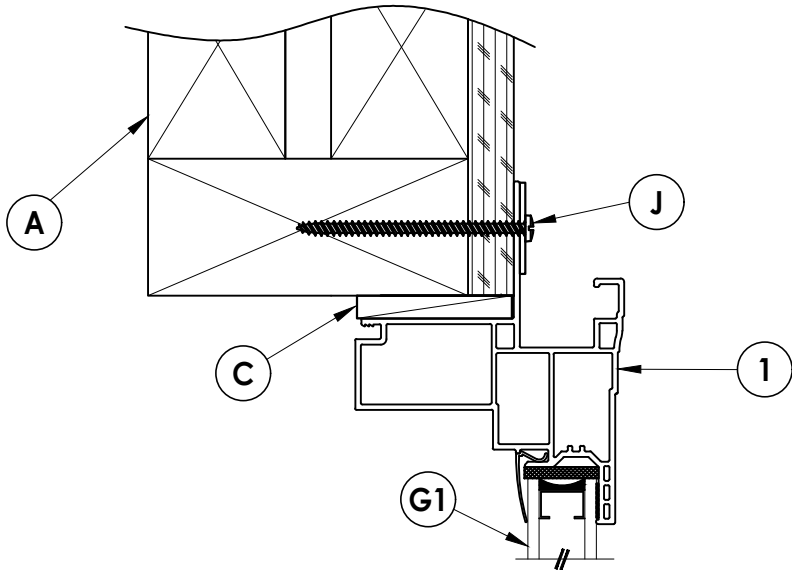
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-10465 R15\FL-10465.19-20.dwg



**3 VERTICAL CROSS SECTION**  
Steel Stud Construction



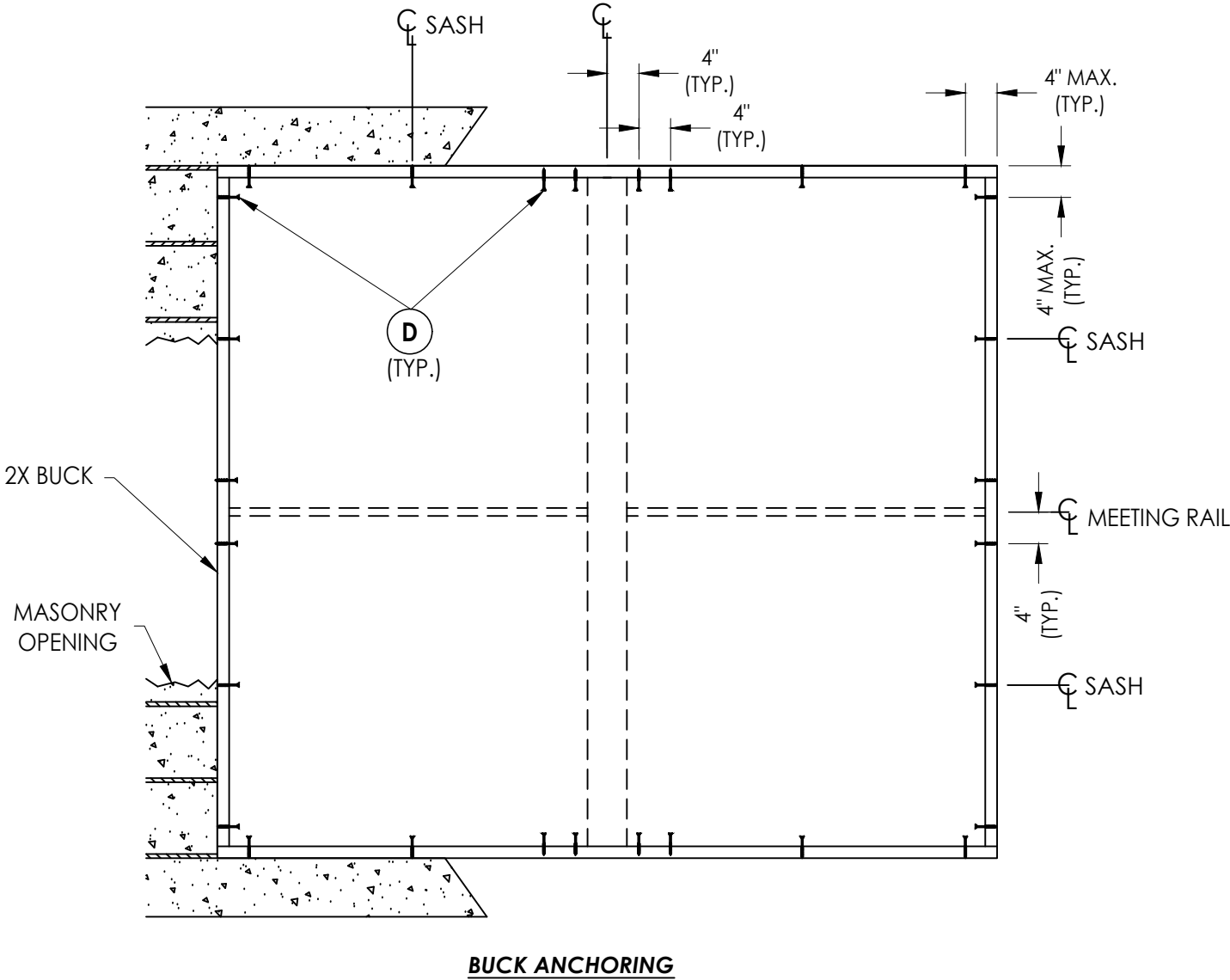
**1 HORIZONTAL CROSS SECTION**  
Stud Construction



**2 VERTICAL CROSS SECTION**  
Stud Construction

|                                                               |  |                                                                                                                    |  |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| 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>SINGLE HUNG WINDOW                                |  | PART OR ASSEMBLY:<br>VERTICAL & HORIZONTAL<br>CROSS SECTIONS                                                       |  |
|                                                               |  | REVISIONS                                                                                                          |  |
|                                                               |  | NO. DATE                                                                                                           |  |
|                                                               |  | BY                                                                                                                 |  |
| DATE: 9/20/23                                                 |  |                                                                                                                    |  |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |  |
| DWG. BY: RW                                                   |  |                                                                                                                    |  |
| CHK. BY: LFS                                                  |  |                                                                                                                    |  |
| DRAWING NO.:<br>FL-10465.20                                   |  |                                                                                                                    |  |
| SHEET 3 OF 6                                                  |  |                                                                                                                    |  |

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-10465 R15\FL-10465.19-20.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:

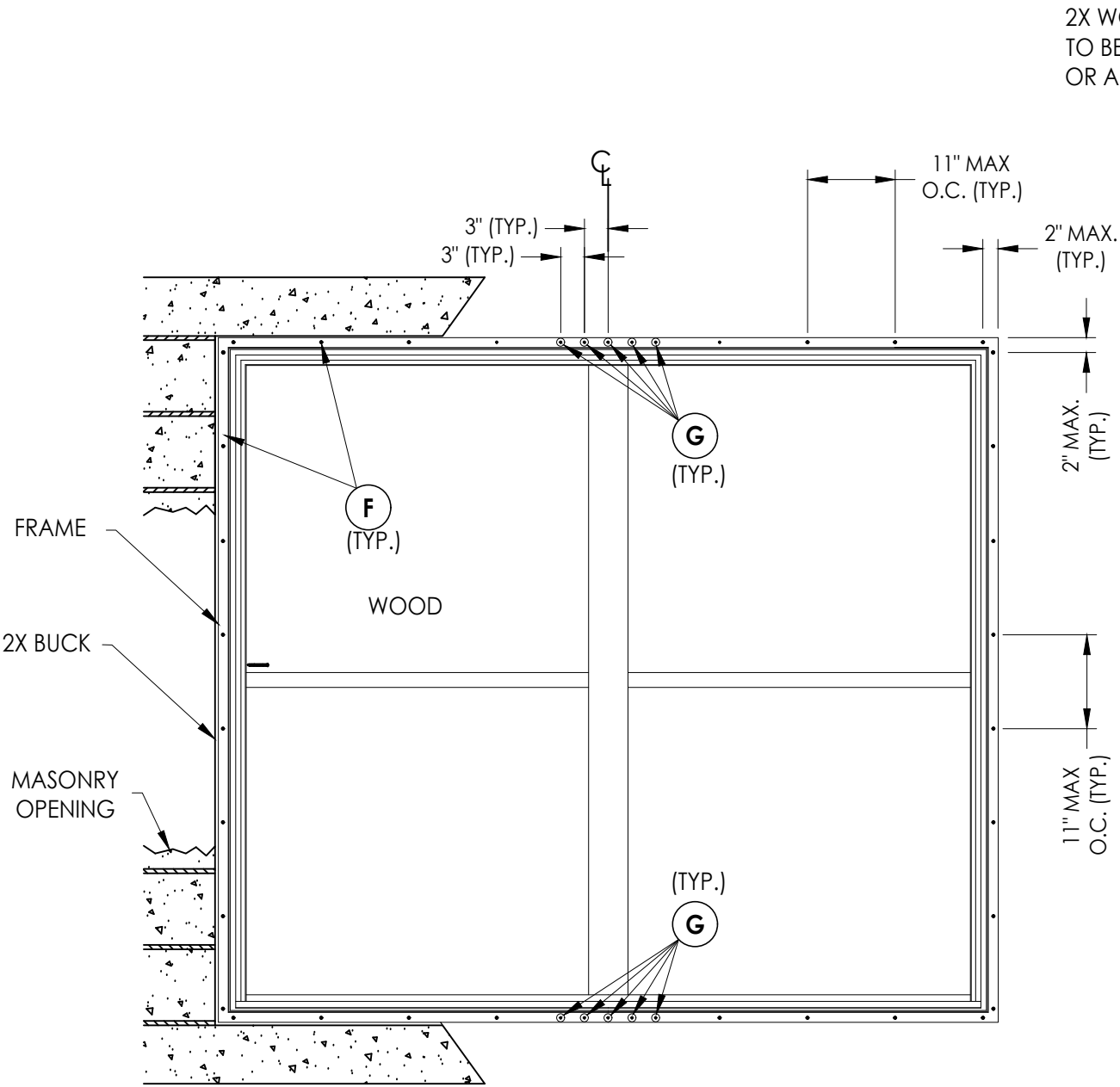
| ANCHOR TYPE       | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®       | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRACON+® | 1/4"        | 1-1/4"         | 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.

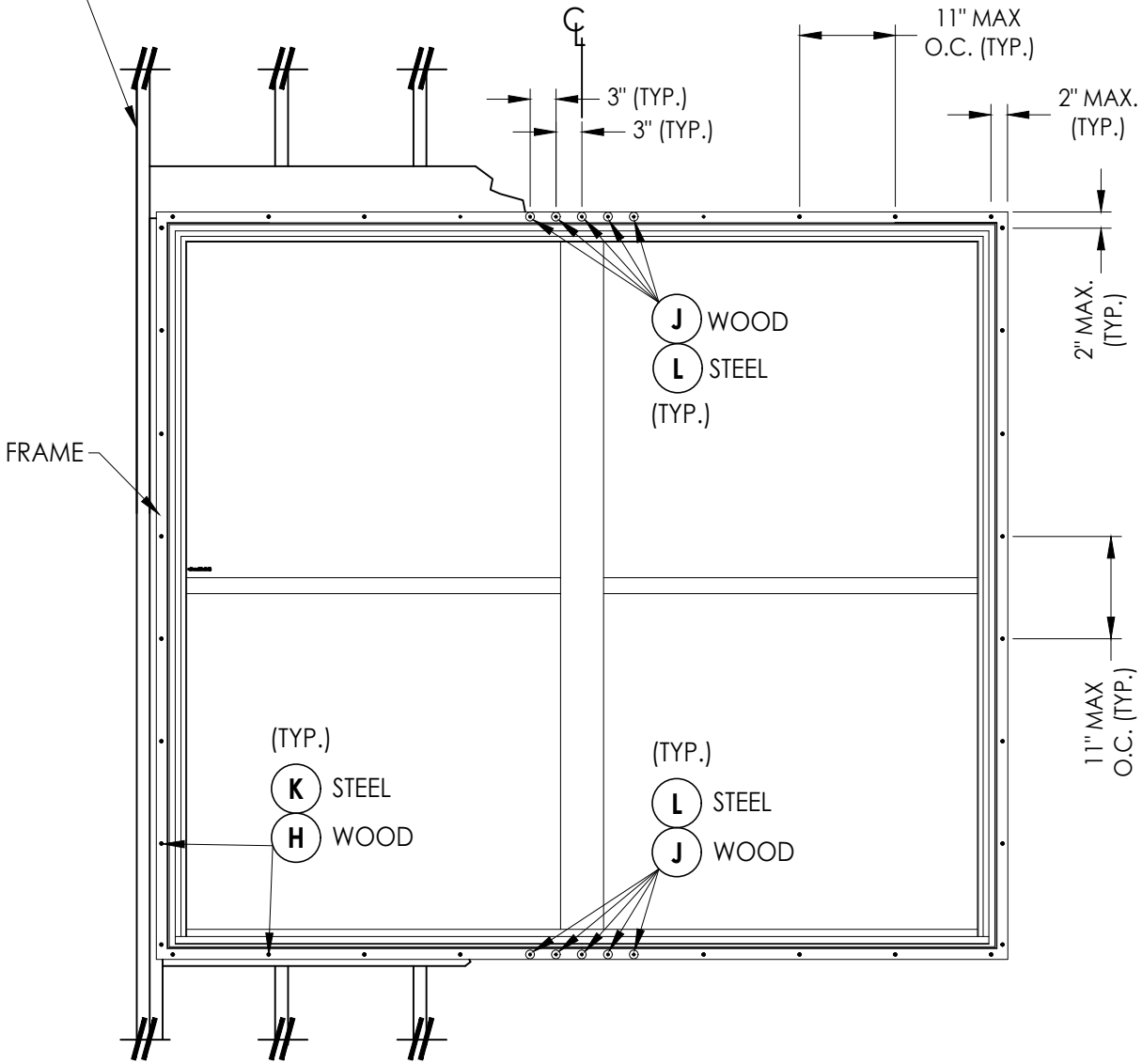
|                                                               |  |                                                                                                                         |  |
|---------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | R.W. BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |
| PRODUCT:<br>SINGLE HUNG WINDOW                                |  | PART OR ASSEMBLY:<br>BUCK ANCHORING                                                                                     |  |
|                                                               |  | BY                                                                                                                      |  |
|                                                               |  | REVISIONS                                                                                                               |  |
|                                                               |  | NO. DATE                                                                                                                |  |
| DATE: 9/20/23                                                 |  |                                                                                                                         |  |
| SCALE: N.T.S.                                                 |  |                                                                                                                         |  |
| DWG. BY: RW                                                   |  |                                                                                                                         |  |
| CHK. BY: LFS                                                  |  |                                                                                                                         |  |
| DRAWING NO.: FL-10465.20                                      |  |                                                                                                                         |  |
| SHEET 4 OF 6                                                  |  |                                                                                                                         |  |

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-10465 R15\FL-10465.19-20.dwg



**FRAME ANCHORING**  
Masonry 2X Buck Construction

2X WOOD OR STEEL STUD FRAMING  
TO BE DESIGNED BY THE ENGINEER  
OR ARCHITECT OF RECORD.



**FRAME ANCHORING**  
Stud Construction

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:  
SINGLE HUNG WINDOW

PART OR ASSEMBLY:  
FRAME ANCHORING

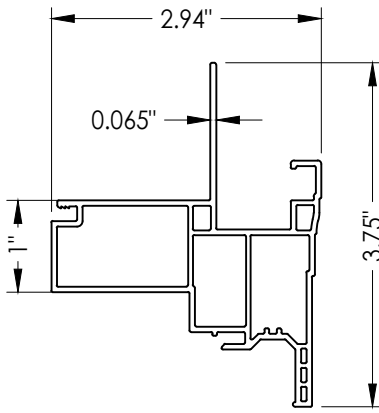
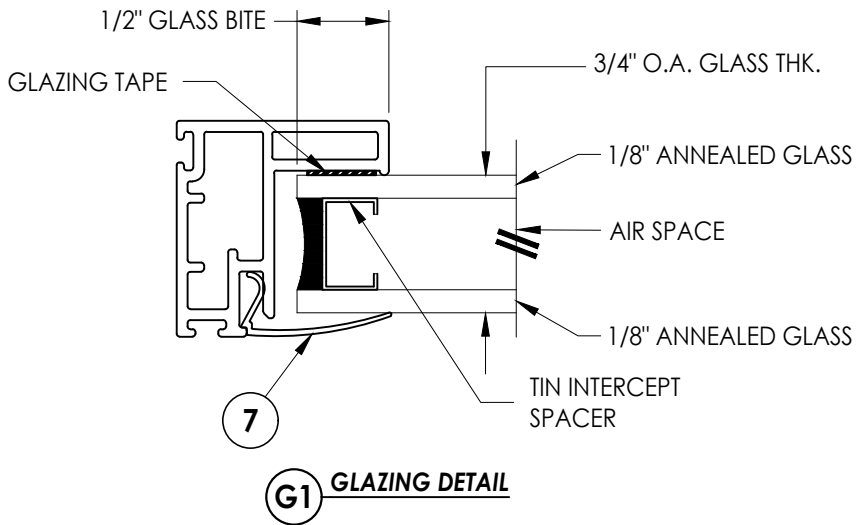
| REVISIONS |      |    |  |
|-----------|------|----|--|
| NO.       | DATE | BY |  |
|           |      |    |  |
|           |      |    |  |
|           |      |    |  |
|           |      |    |  |

DATE: 9/20/23  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: FL-10465.20  
SHEET 5 OF 6

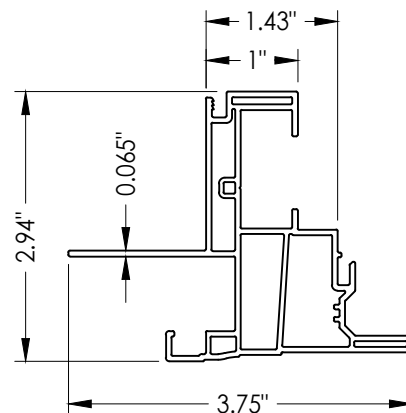
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-10465 R15\FL-10465.19-20.dwg

| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 2X FRAMING (SG >= 0.42)                                                                        | WOOD      |
| B                 | 2X BUCK (SG >= 0.42)                                                                           | WOOD      |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  |
| F                 | #8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)                                                        | STEEL     |
| G                 | #8 X 2" PPH SMS w/ 1" Ø WASHER (1-1/2" MIN. EMBEDMENT)                                         | STEEL     |
| H                 | #8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)                                                    | STEEL     |
| J                 | #8 X 2-1/2" PPH SMS w/ 1" Ø WASHER (1-1/2" MIN. EMBEDMENT)                                     | STEEL     |
| K                 | #10 PPH SELF-DRILLING SMS                                                                      | STEEL     |
| L                 | #10 PPH SELF-DRILLING SMS w/ 1" Ø WASHER                                                       | STEEL     |
| X                 | STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)                    | STEEL     |
| 1                 | EXTRUDED VINYL FRAME HEAD*                                                                     | RIGID PVC |
| 2                 | EXTRUDED VINYL SASH STILE/RAIL*                                                                | RIGID PVC |
| 3                 | EXTRUDED VINYL FRAME JAMB*                                                                     | RIGID PVC |
| 4                 | EXTRUDED VINYL LOCK STILE*                                                                     | RIGID PVC |
| 5                 | EXTRUDED VINYL MEETING RAIL*                                                                   | RIGID PVC |
| 6                 | EXTRUDED VINYL SILL*                                                                           | RIGID PVC |
| 7                 | EXTRUDED VINYL GLAZING BEAD*                                                                   | RIGID PVC |
| 8                 | WEATHERSTRIP (FIN PILE)                                                                        | -         |
| 10                | INTEGRAL MULLION*                                                                              | RIGID PVC |
| 11                | MULLION REINFORCEMENT (V-718B)                                                                 | ALUM      |
| 12                | JAMB CLIP (@ TILT LATCH)                                                                       | ST. STEEL |
| 14                | SASH / STILE & RAIL REINFORCEMENT (S-047)(6063-T5)                                             | ALUM      |
| 15                | MEETING RAIL REINFORCEMENT (S-065)(6063-T5)                                                    | ALUM      |
| 20                | CAM LOCK                                                                                       | -         |

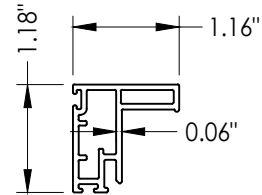
\*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



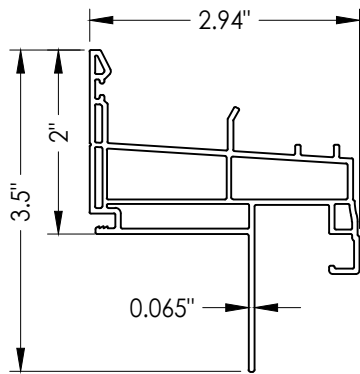
1 FRAME HEAD



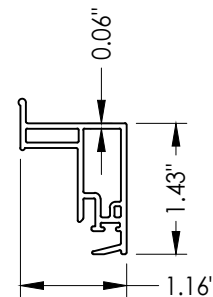
3 FRAME JAMB



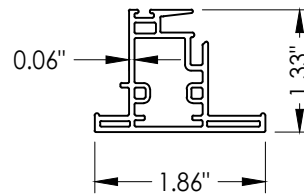
2 SASH STILE/RAIL



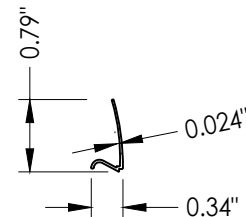
6 SILL



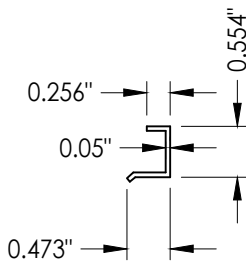
4 LOCK STILE



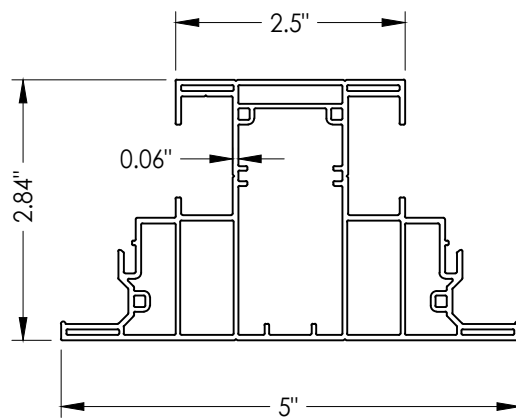
5 MEETING RAIL



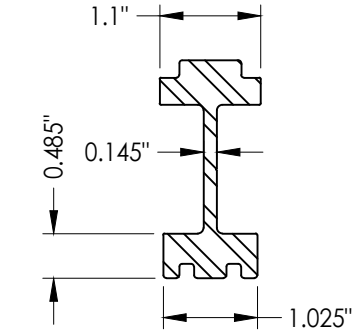
7 GLAZING BEAD



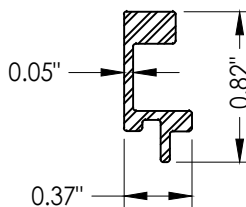
12 JAMB CLIP



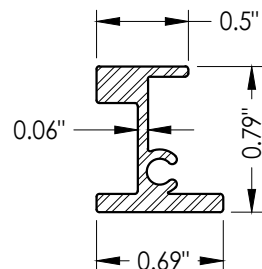
10 INTEGRAL MULLION



11 MULLION REINFORCEMENT



14 SASH/STILE & RAIL REINFORCEMENT



15 MEETING RAIL REINFORCEMENT

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: SINGLE HUNG WINDOW

PART OR ASSEMBLY:  
BILL OF MATERIALS, GLAZING  
DETAILS & COMPONENTS

| REVISIONS |      |
|-----------|------|
| NO.       | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

|              |             |
|--------------|-------------|
| DATE:        | 9/20/23     |
| SCALE:       | N.T.S.      |
| DWG. BY:     | RW          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-10465.20 |
| SHEET        | 6 OF 6      |