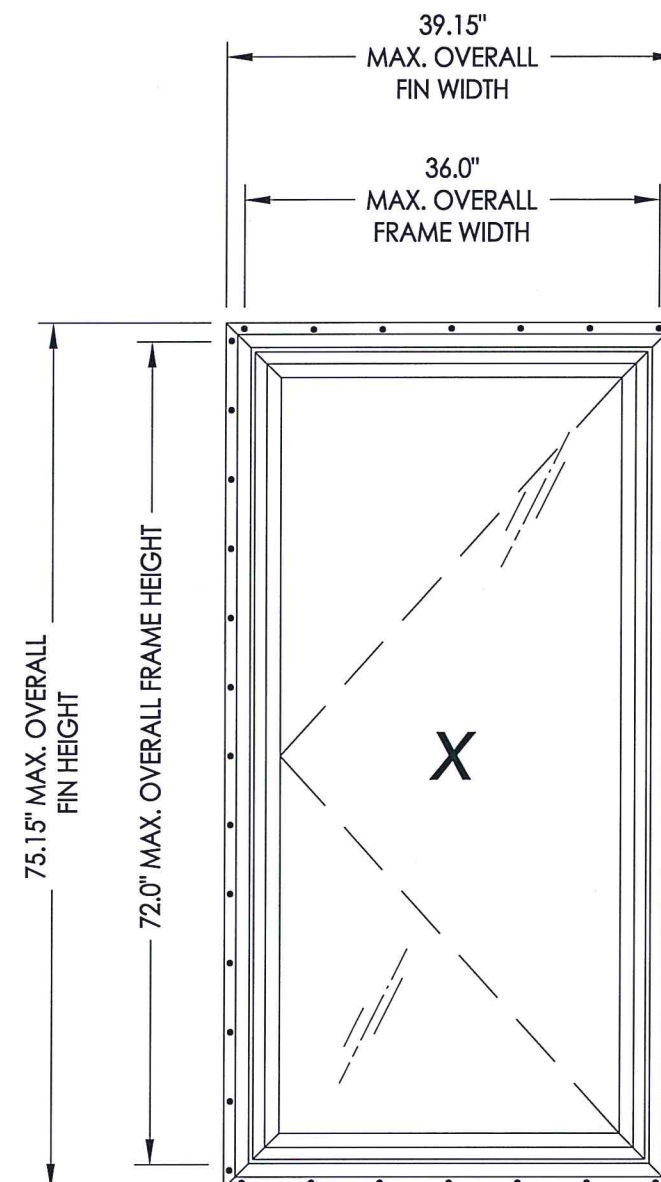




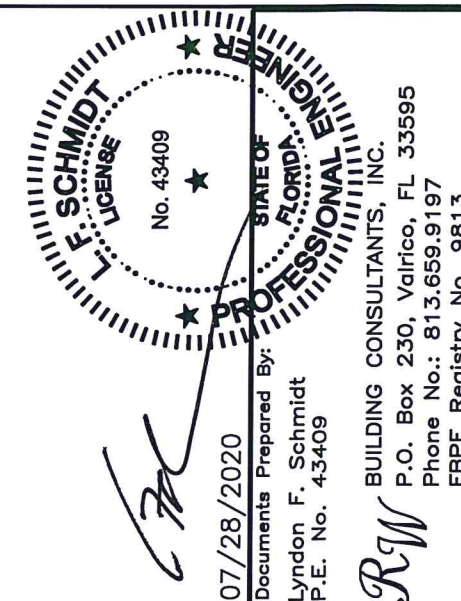
# ***TrustSeries Casement Window "IMPACT"***

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

| TABLE OF CONTENTS |                                                      |
|-------------------|------------------------------------------------------|
| SHEET#            | DESCRIPTION                                          |
| 1                 | Typical elevations, design pressures & general notes |
| 2                 | Vertical & horizontal cross sections                 |
| 3                 | Vertical & horizontal cross sections                 |
| 4                 | Buck & frame anchoring                               |
| 5                 | Bill of materials, glazing details and components    |

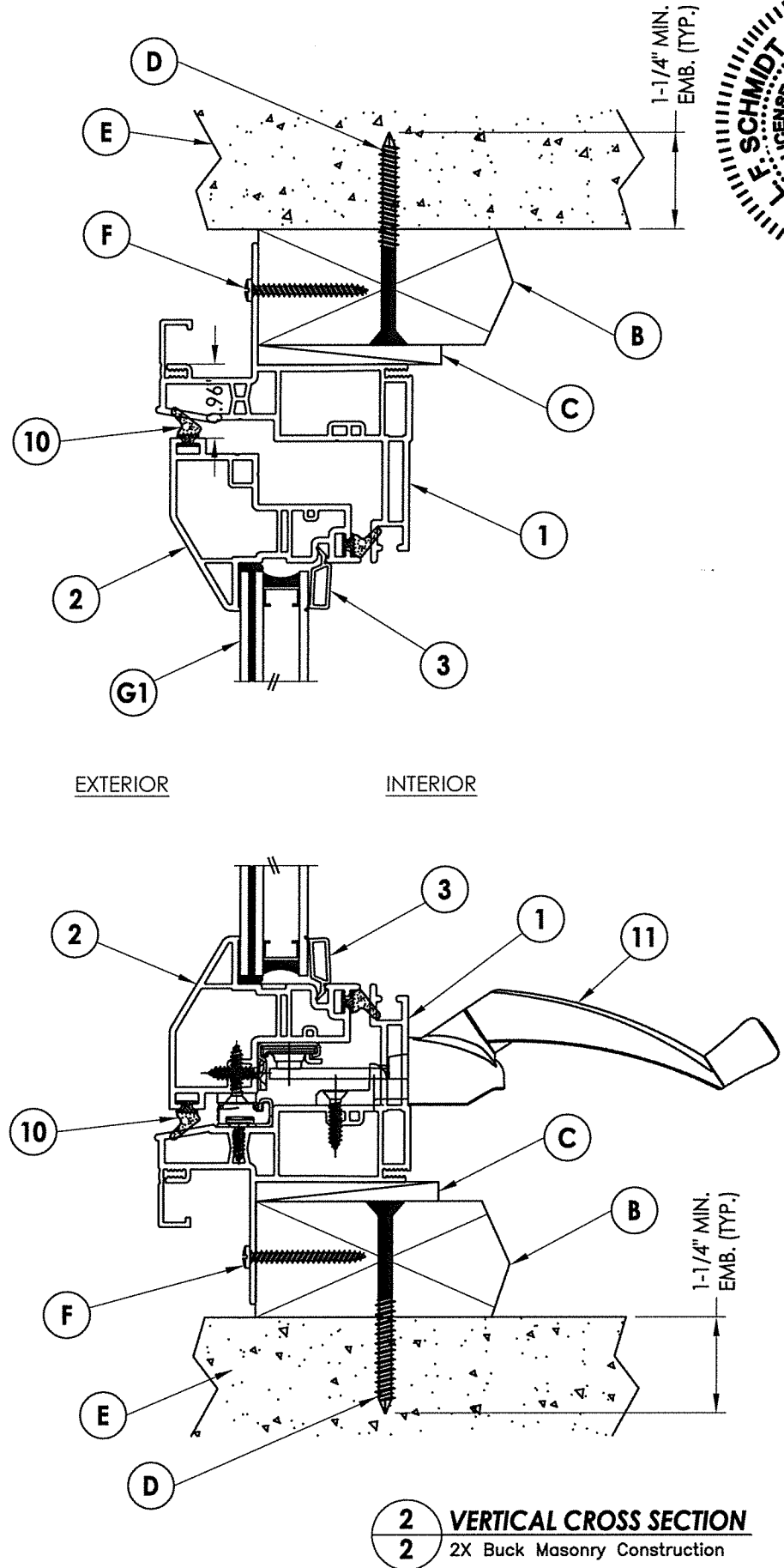
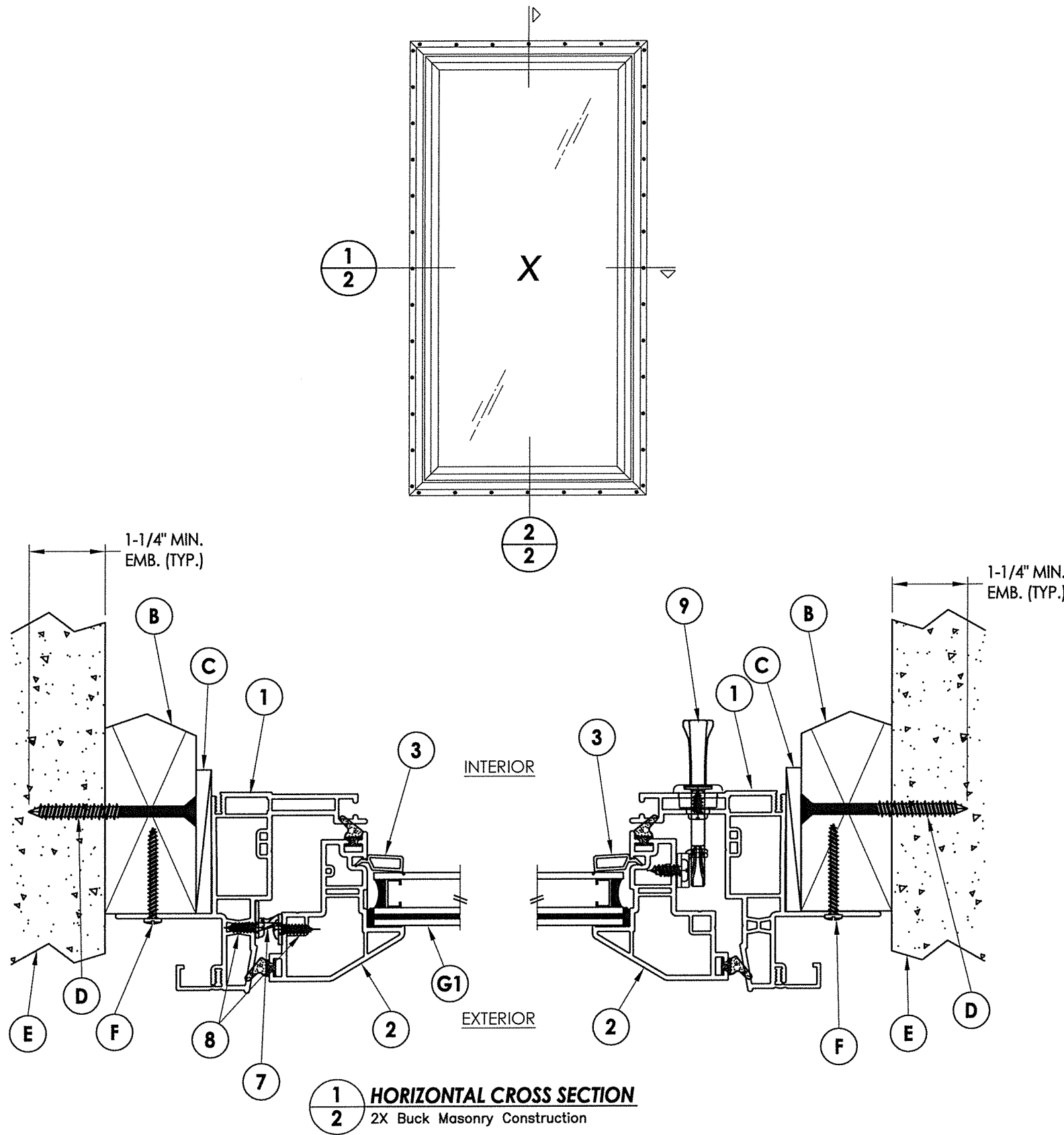


| OVERALL<br>FIN<br>DIMENSION | OVERALL<br>FRAME<br>DIMENSION | OVERALL<br>DAY LIGHT<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE<br>(PSF) |       |
|-----------------------------|-------------------------------|-----------------------------------|---------------|--------------------------|-------|
|                             |                               |                                   |               | POS.                     | NEG.  |
| 39.15" X 75.15"             | 36.0" X 72.0"                 | 29.5" X 65.5                      | G1            | +50.0                    | -50.0 |



|                         |  |  |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|--|--|
| DATE: 6/17/15           |  |  |  |  |  |  |  |  |  |
| SCALE: N.T.S.           |  |  |  |  |  |  |  |  |  |
| DWG. BY: JK             |  |  |  |  |  |  |  |  |  |
| CHK. BY: LFS            |  |  |  |  |  |  |  |  |  |
| DRAWING NO.: FL-15097.3 |  |  |  |  |  |  |  |  |  |
| SHEET 1 OF 5            |  |  |  |  |  |  |  |  |  |

\\dc01\rwbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15097 Windows - Casement\C - Drawings\FL-15097 (2020) R5\FL-15097.3.dwg



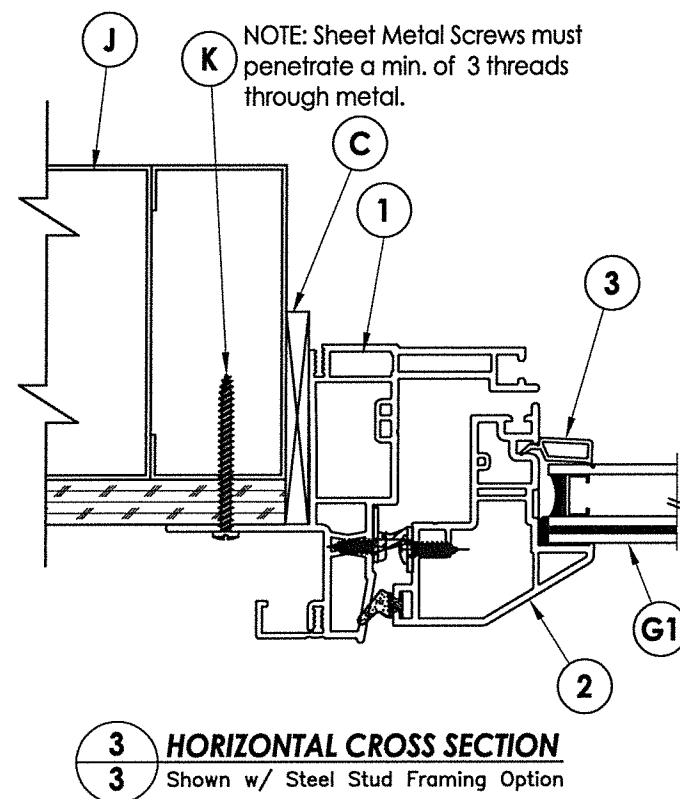
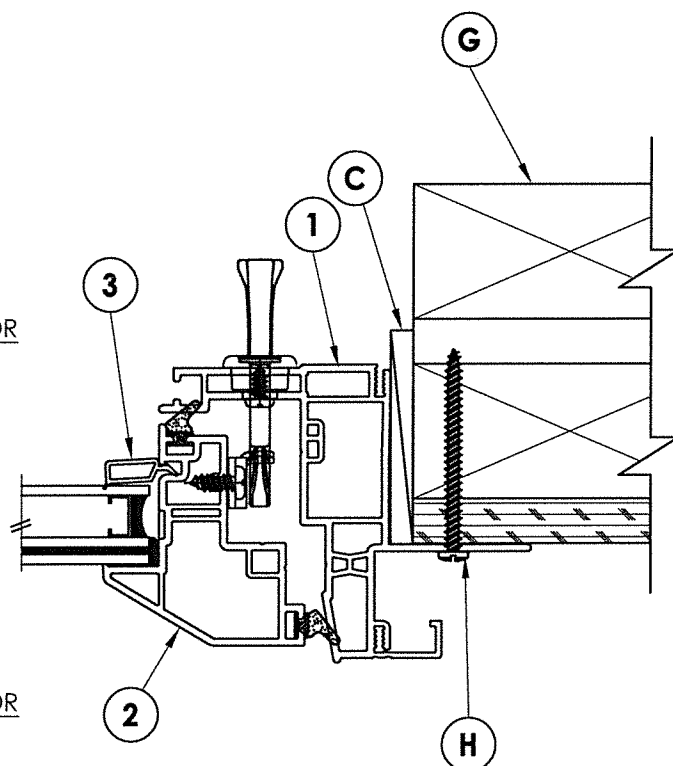
07/28/2020

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

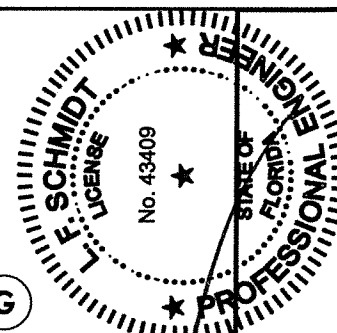
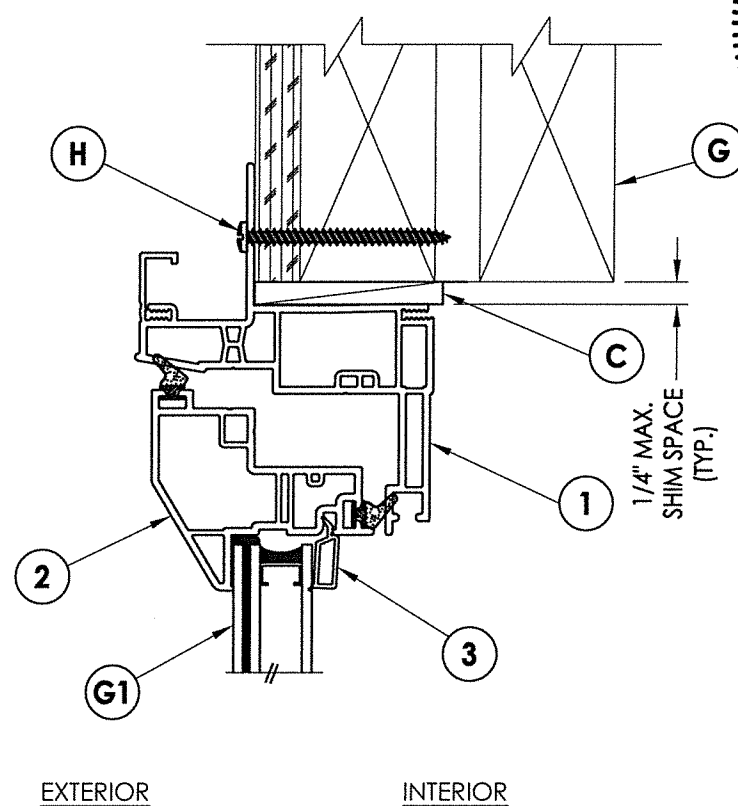
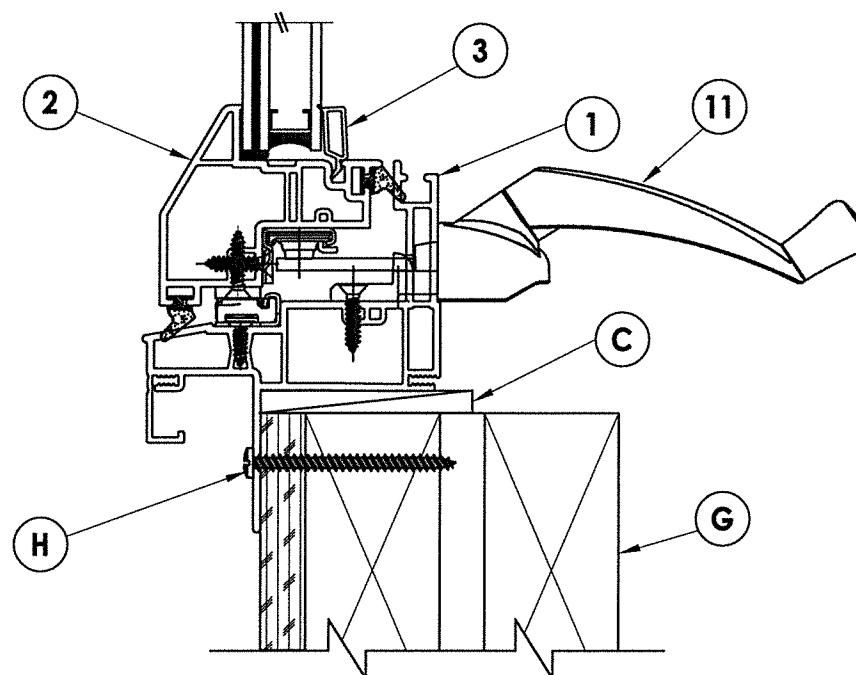
**FLORIDA PROFESSIONAL ENGINEER**  
No. 43409

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

|                         |  |           |         |                          |     |                                         |  |
|-------------------------|--|-----------|---------|--------------------------|-----|-----------------------------------------|--|
| PRODUCT:                |  | Doers     |         | PART OR ASSEMBLY:        |     | VERTICAL & HORIZONTAL<br>CROSS SECTIONS |  |
|                         |  |           |         |                          |     |                                         |  |
|                         |  |           |         |                          |     |                                         |  |
|                         |  |           |         |                          |     |                                         |  |
|                         |  | 3         | 7/28/20 | UPDATE TO 7TH ED. (2020) | FBC | DAC                                     |  |
|                         |  | 2         | 9/22/17 | UPDATE TO 6TH ED. (2017) | FBC | JK                                      |  |
|                         |  | 1         | 4/14/16 | REVISED GENERAL NOTES    |     | JK                                      |  |
|                         |  | NO.       | DATE    |                          |     | BY                                      |  |
| DATE: 6/17/15           |  |           |         |                          |     |                                         |  |
| SCALE: N.T.S.           |  |           |         |                          |     |                                         |  |
| DWG. BY: JK             |  |           |         |                          |     |                                         |  |
| CHK. BY: LFS            |  |           |         |                          |     |                                         |  |
| DRAWING NO.: FL-15097.3 |  |           |         |                          |     |                                         |  |
| SHEET 2 OF 5            |  |           |         |                          |     |                                         |  |
|                         |  | REVISIONS |         |                          |     |                                         |  |



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



07/28/2020

Lyndon F. Schmidt  
P.E. No. 43409

**Rail** BUILDING CONSULTANTS, INC.

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

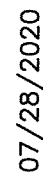
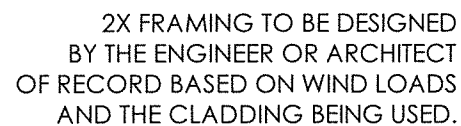
|                         |  |                                                              |  |
|-------------------------|--|--------------------------------------------------------------|--|
| DATE: 6/17/15           |  | PRODUCT: Doers                                               |  |
| SCALE: N.T.S.           |  | PART OR ASSEMBLY:<br>VERTICAL & HORIZONTAL<br>CROSS SECTIONS |  |
| DWG. BY: JK             |  |                                                              |  |
| CHK. BY: LFS            |  |                                                              |  |
| DRAWING NO.: FL-15097.3 |  |                                                              |  |
| SHEET 3 OF 5            |  |                                                              |  |



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

**WOOD SCREW INSTALLATION NOTES:**

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



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  
FBPE Registry No. 9813

[illegible]

