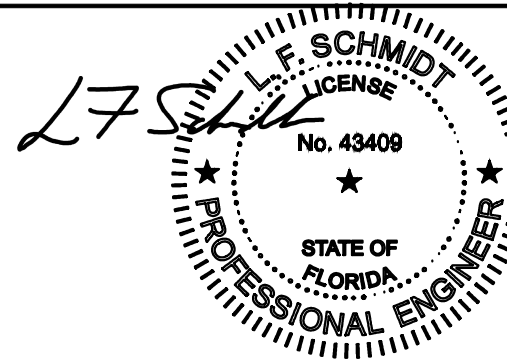


2840 Sterlington Road  
Monroe, LA 71203

### GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. 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                 | Door panel details                                    |
| 3                 | Horizontal & vertical cross sections                  |
| 4                 | Horizontal cross sections                             |
| 5                 | Frame anchoring                                       |
| 6                 | Bill of materials and components                      |

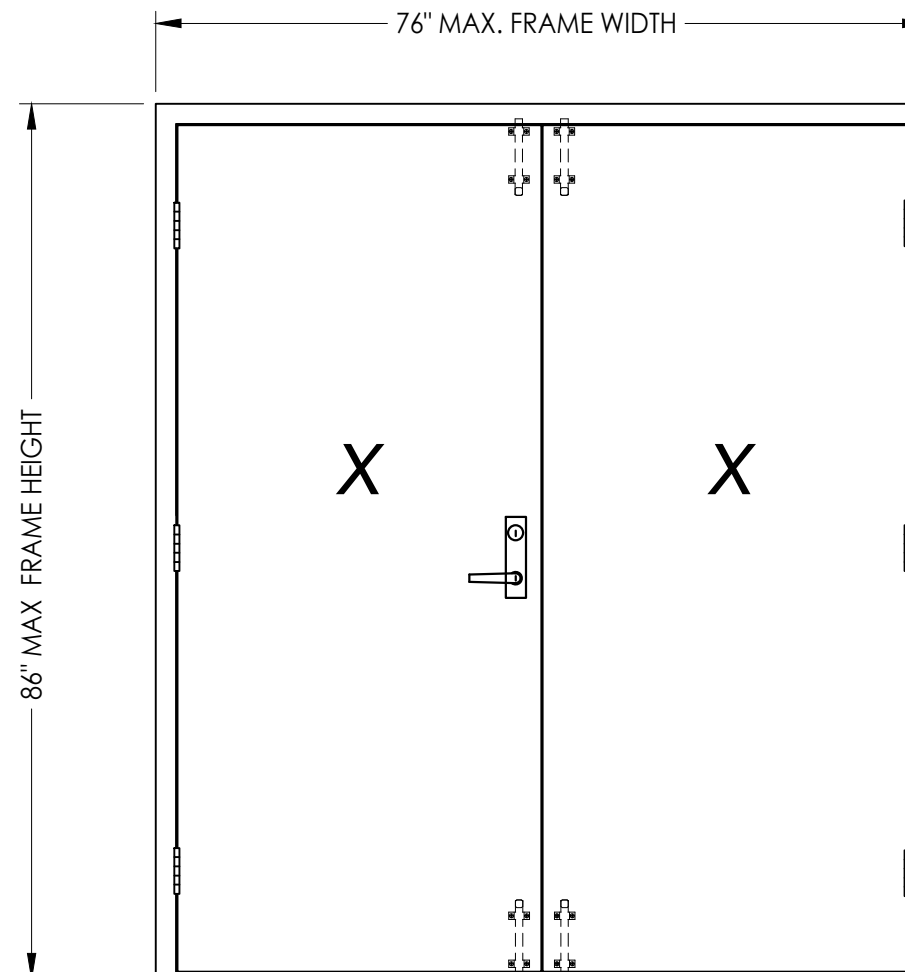


Digitally signed by Lyndon F Schmidt  
Date: 2023.08.21 15:29:11 -04'00'

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



**MORTISE LOCK/DEADBOLT (shown)  
or  
CYLINDRICAL LOCK**

| MAX.<br>OVERALL<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|------------------------------|-----------------------|----------|
|                              | POSITIVE              | NEGATIVE |
| 76.0" X 86.0"                | +65.0                 | -65.0    |

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: PREMIER PRODUCTS, INC.

**PART OR ASSEMBLY:**

[illegible]

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

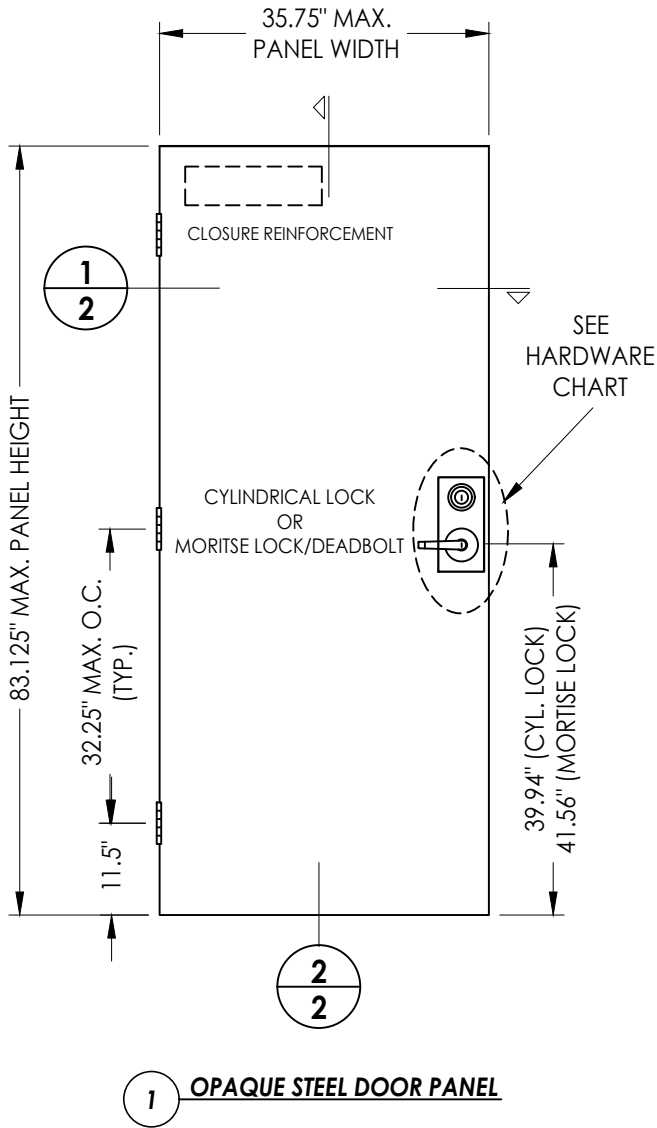
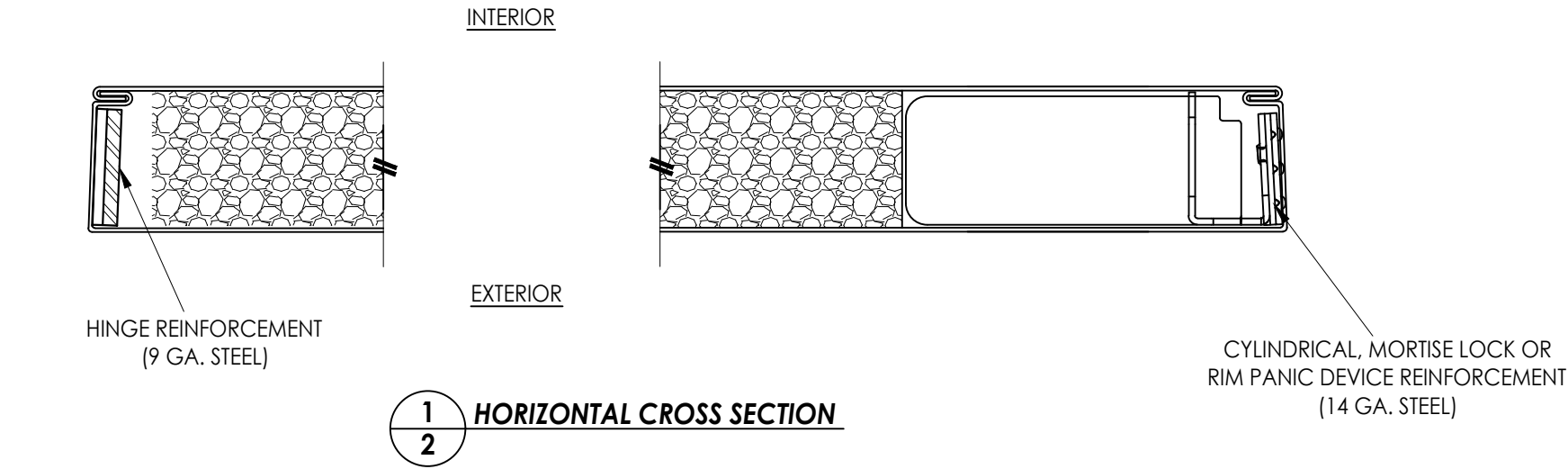
CHK. BY: *LFS*

|              |
|--------------|
| DRAWING NO.: |
|--------------|

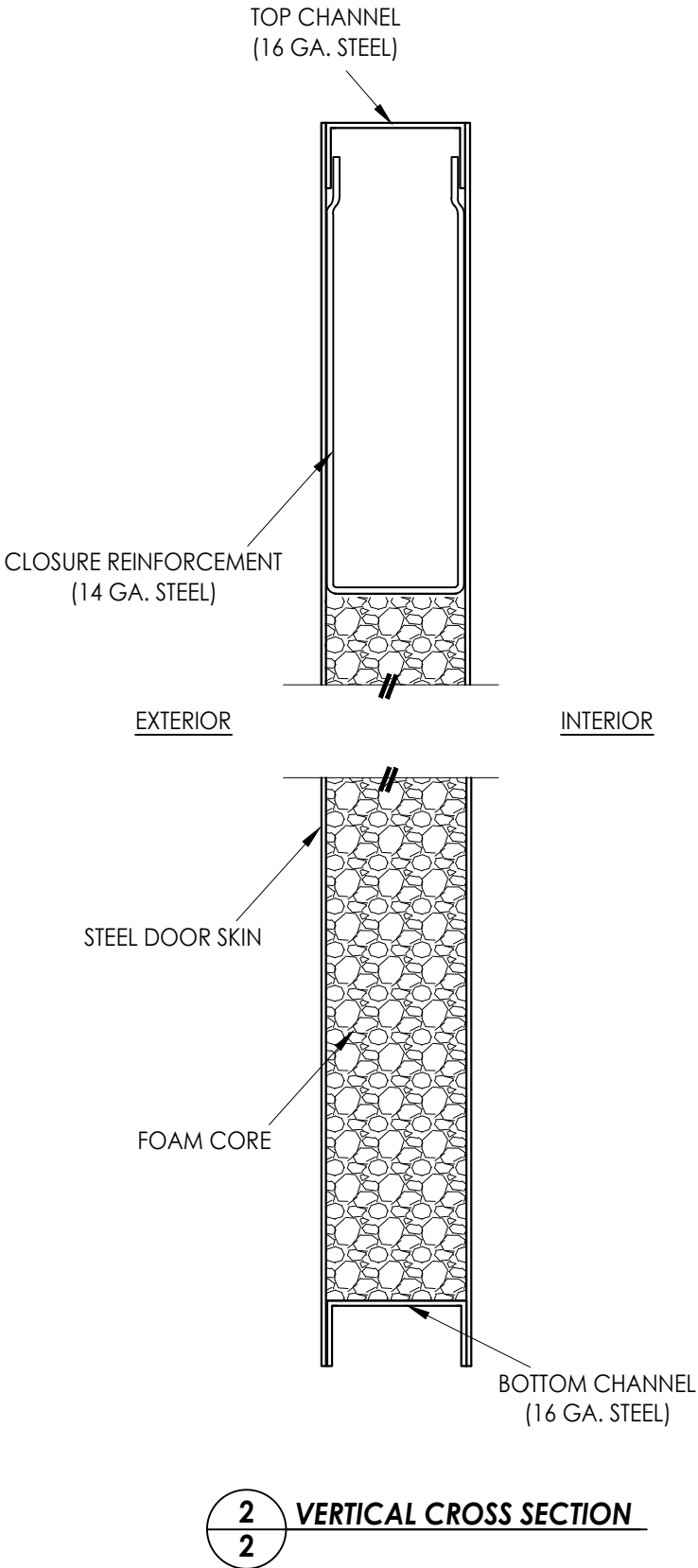
FL-17460.2

SHEET 1 OF 6

Z:\2023 FBC Drawings\Premier Products, Inc\FL-17460 R4\FL-17460.1-4.dwg



| HARDWARE CHART |                                         |
|----------------|-----------------------------------------|
| MANUFACTURER   | MODEL                                   |
| SARGENT        | CYLINDRICAL LOCK: 10 LINE (G05)         |
| FALCON         | MORTISE LOCK/DEADBOLT : MA SERIES (571) |
| ROCKWOOD       | SURFACE BOLT : 580 SERIES               |



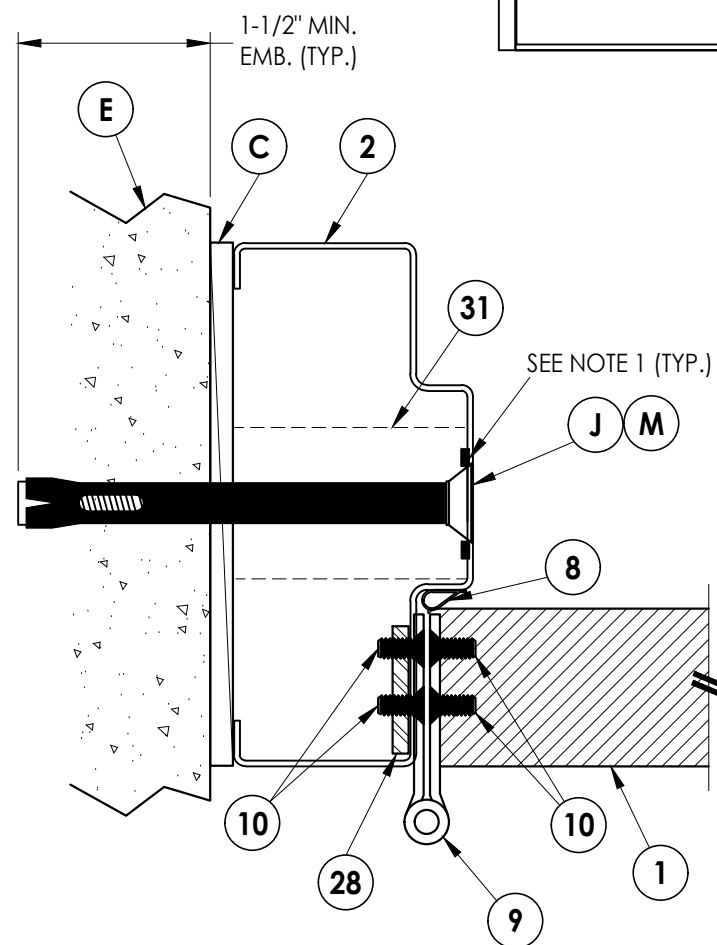
STEEL DOOR SKIN: 18 GA. A60 GALV. (min. 0.042" THK.)  
CORE MATERIAL: EPS Foam (Polystyrene - 1.0 PCF Min. Density)

|          |  |                        |  |                   |         |                          |     |           |  |                |  |               |  |             |  |              |  |                         |  |              |  |
|----------|--|------------------------|--|-------------------|---------|--------------------------|-----|-----------|--|----------------|--|---------------|--|-------------|--|--------------|--|-------------------------|--|--------------|--|
| PRODUCT: |  | PREMIER PRODUCTS, INC. |  | PART OR ASSEMBLY: |         | DOOR PANEL DETAILS       |     | REVISIONS |  | DATE: 12/11/15 |  | SCALE: N.T.S. |  | DWG. BY: JK |  | CHK. BY: LFS |  | DRAWING NO.: FL-17460.2 |  | SHEET 2 OF 6 |  |
|          |  |                        |  |                   |         |                          |     |           |  |                |  |               |  |             |  |              |  |                         |  |              |  |
|          |  |                        |  | 3                 | 8/21/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS       |  |                |  |               |  |             |  |              |  |                         |  |              |  |
|          |  |                        |  | 2                 | 9/08/20 | UPDATE TO 7TH ED. (2020) | FBC | LFS       |  |                |  |               |  |             |  |              |  |                         |  |              |  |
|          |  |                        |  | 1                 | 9/20/17 | UPDATE TO 6TH ED. (2017) | FBC | LFS       |  |                |  |               |  |             |  |              |  |                         |  |              |  |
|          |  |                        |  | NO.               | DATE    |                          |     | BY        |  |                |  |               |  |             |  |              |  |                         |  |              |  |

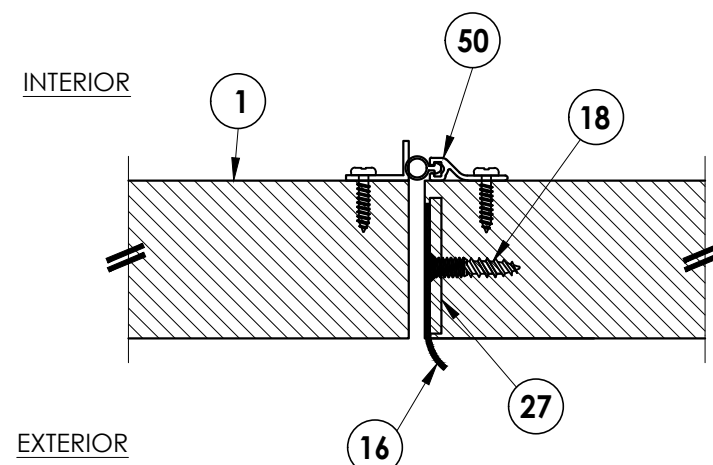
|                        |  |               |                                                                                                                    |
|------------------------|--|---------------|--------------------------------------------------------------------------------------------------------------------|
| Documents Prepared By: |  | <div>RW</div> | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |
| 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

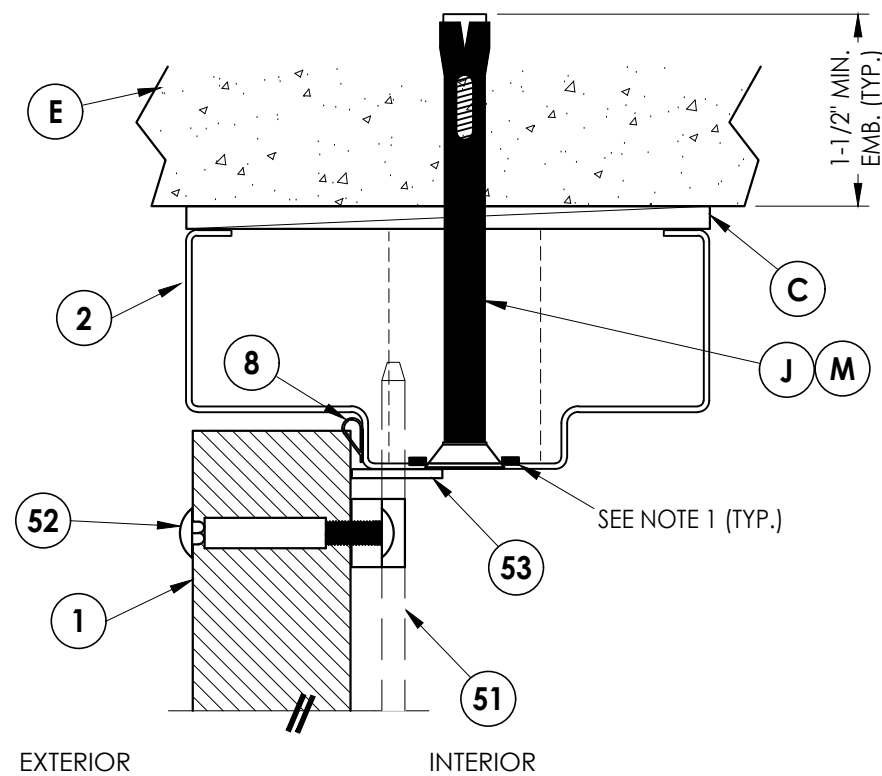
1. Spot weld anchor bracket to frame:  
2 welds per flange (4 total per bracket).



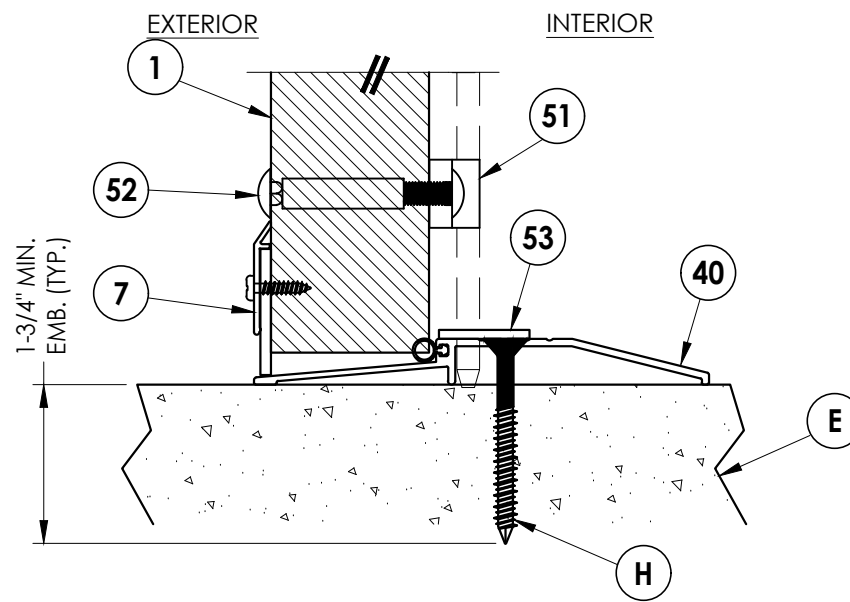
**1** **HORIZONTAL CROSS SECTION**  
**3** Shown w/ Concrete Jamb Anchor



**2 HORIZONTAL CROSS SECTION**



**3** VERTICAL CROSS SECTION  
**3**



**4** VERTICAL CROSS SECTION  
**3**

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

***R<sup>2</sup>W*** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

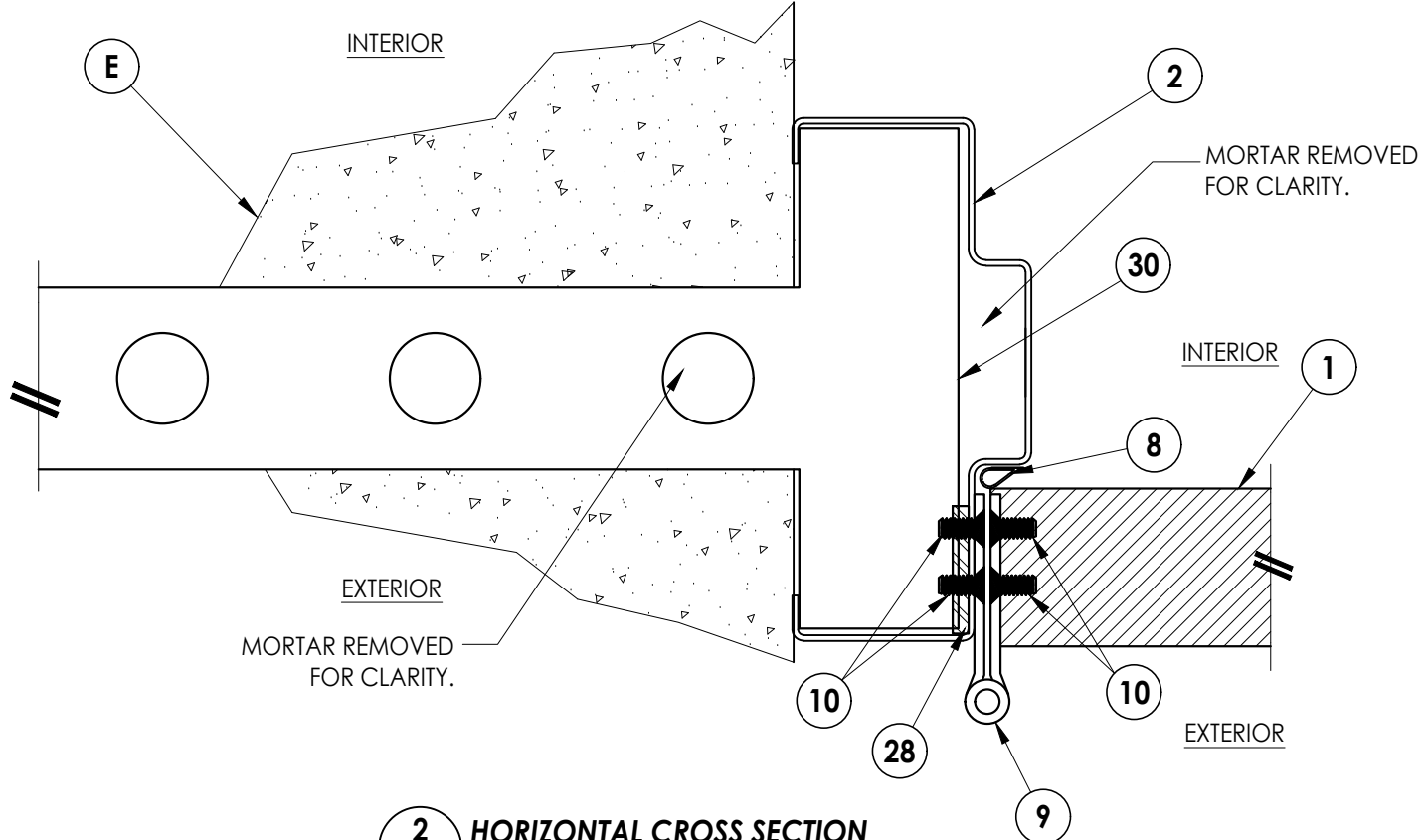
PRODUCT: PREMIER PRODUCTS, INC.

**PART OR ASSEMBLY:**  
**HORIZONTAL & VERTICAL  
CROSS SECTIONS**

[illegible]

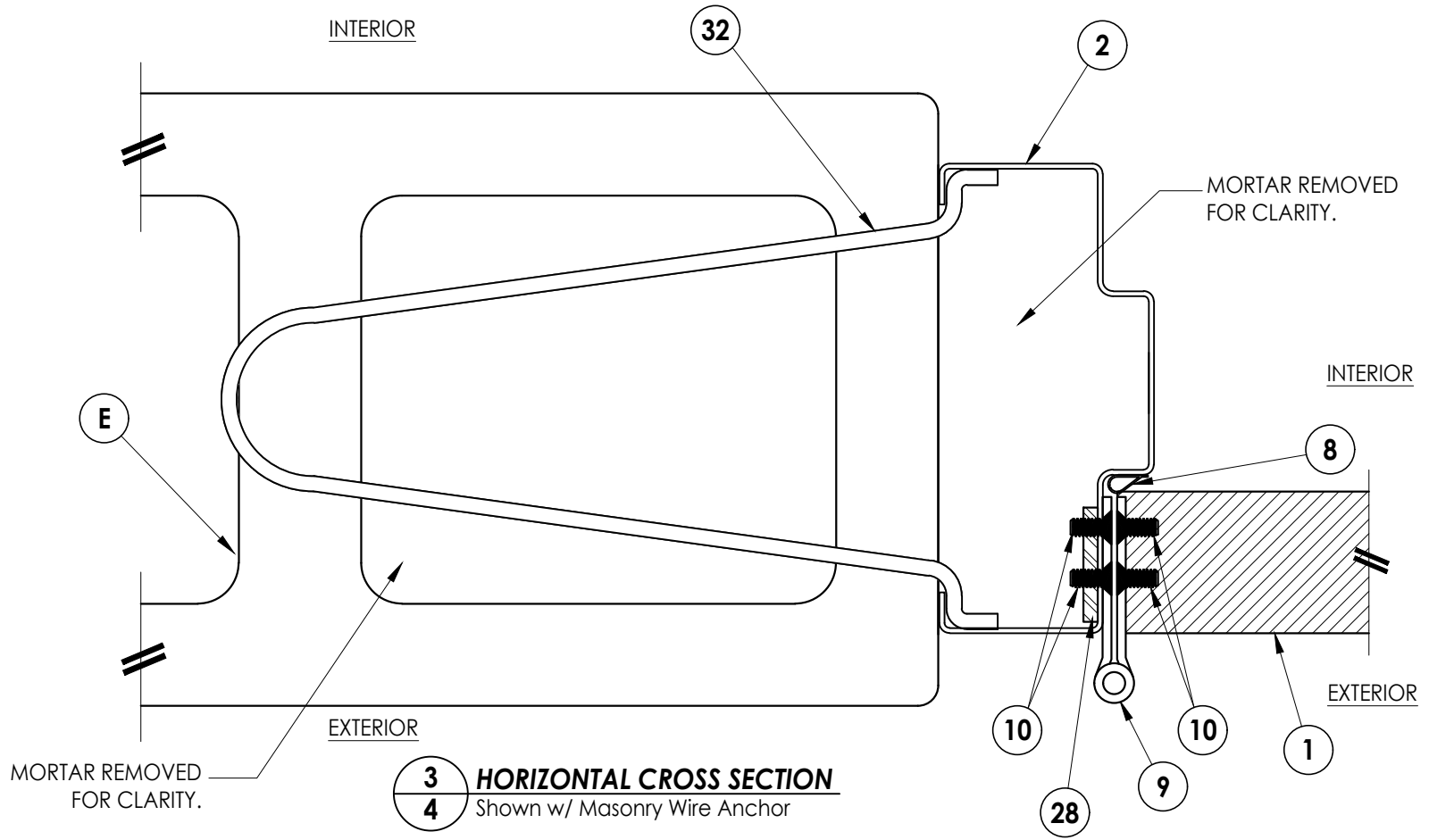
NOTES:

1. Spot weld anchor bracket to frame:  
2 welds per flange (4 total per bracket).

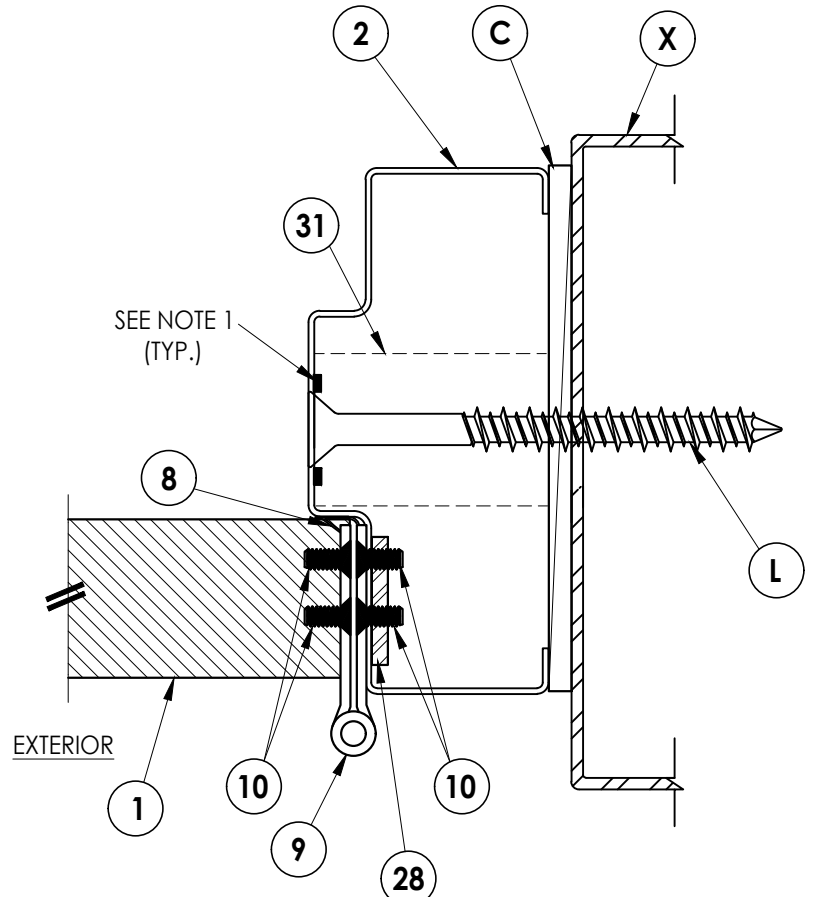


**1** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ Concrete Jamb Anchor

**2** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ Masonry 'T' Anchor



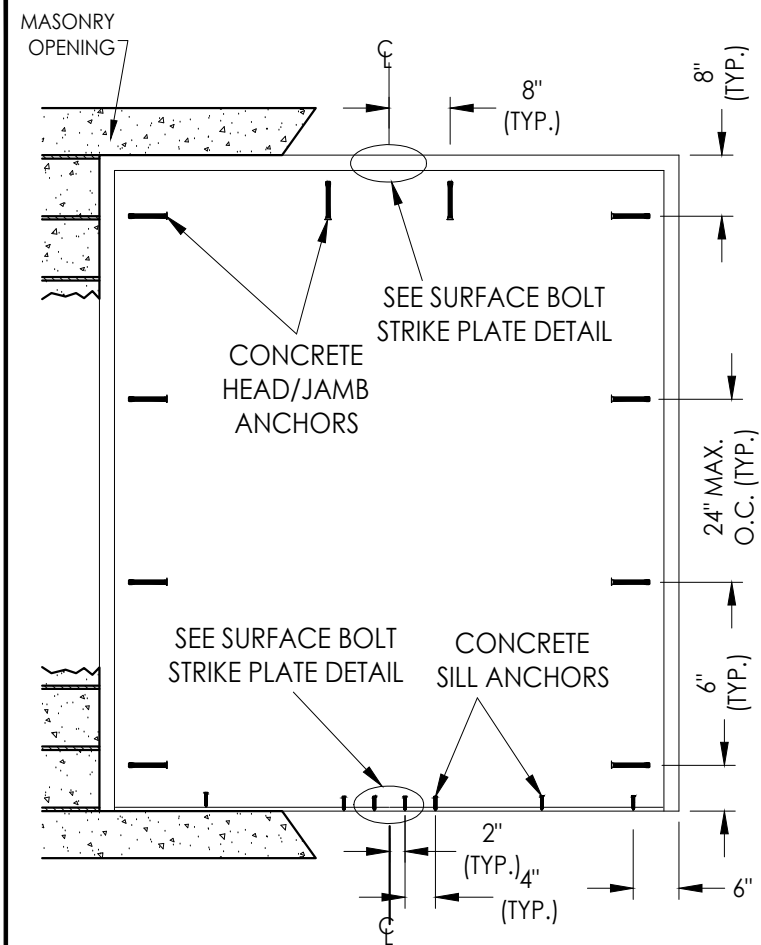
**3** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ Masonry Wire Anchor



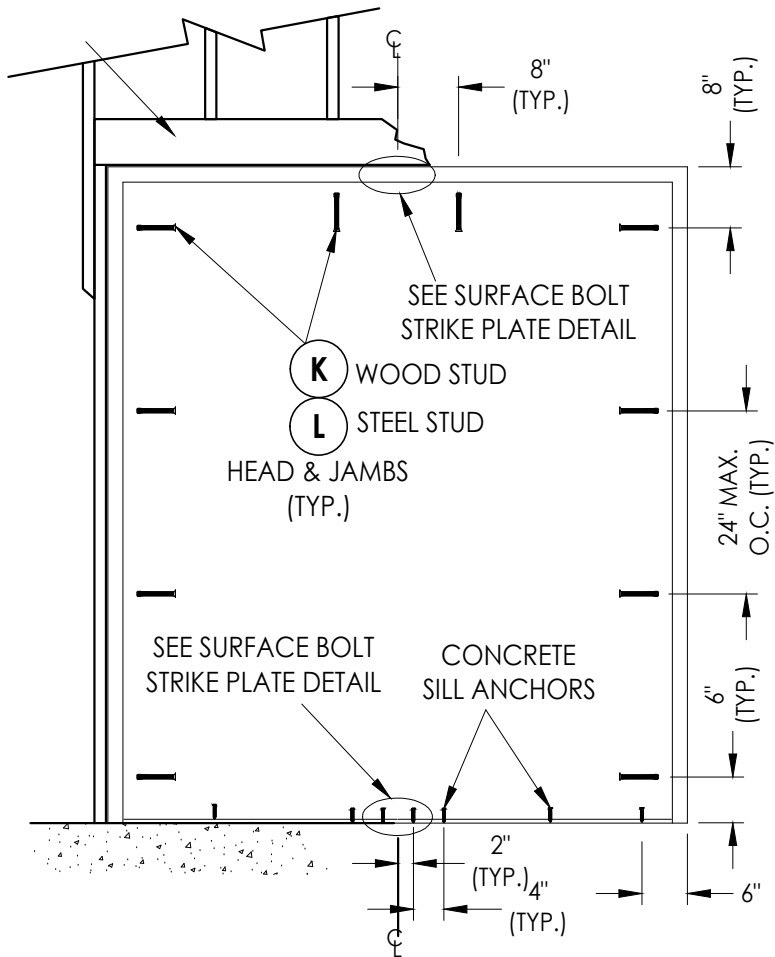
**4 HORIZONTAL CROSS SECTION**  
4 Shown w/ Steel Stud Anchor

[illegible]

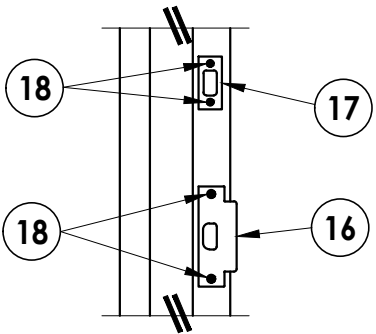
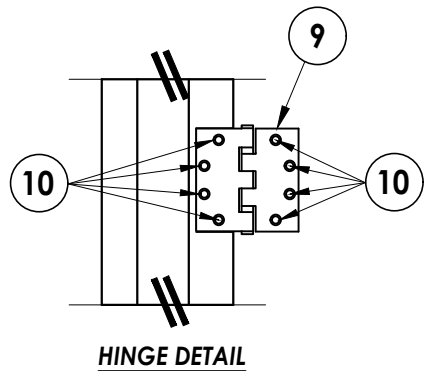
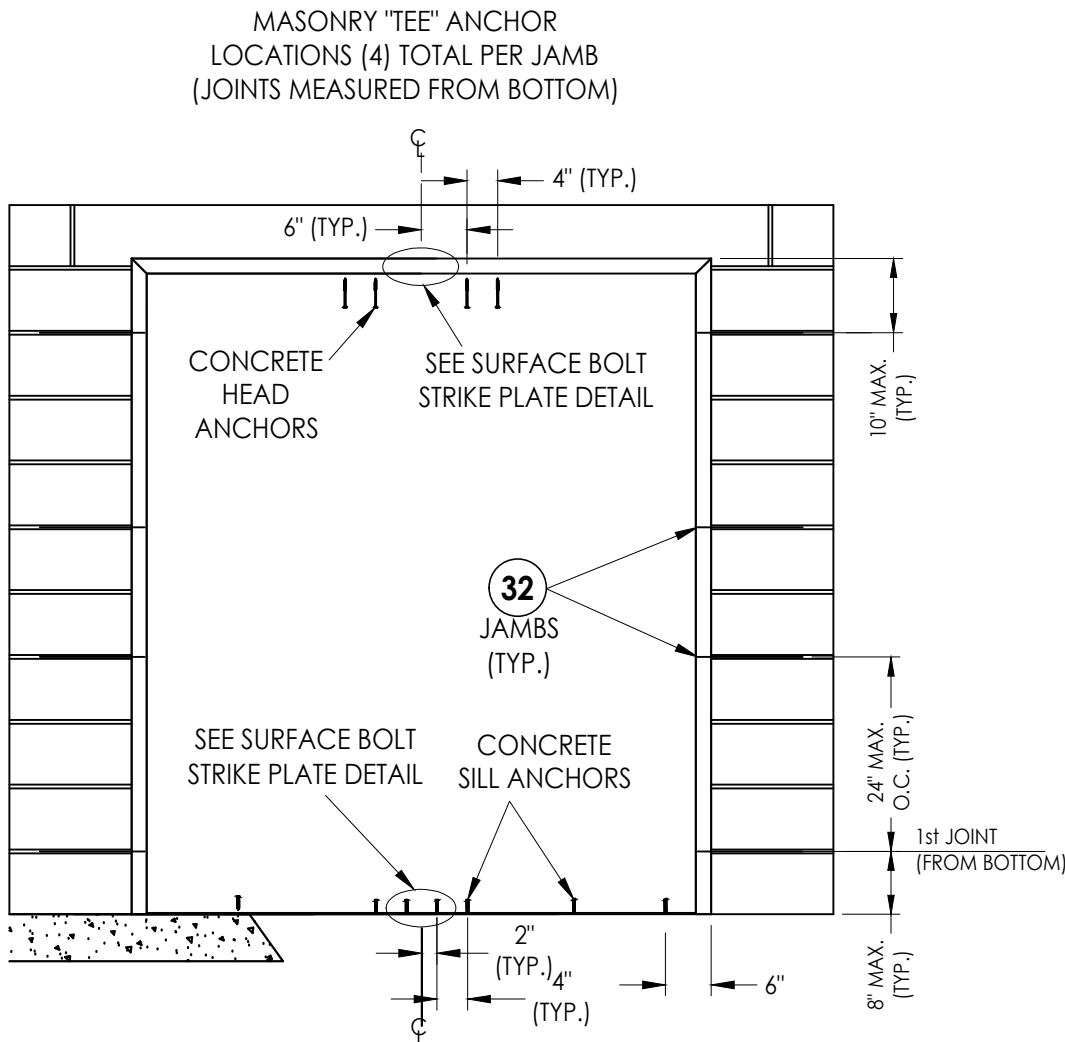
Z:\2023 FBC Drawings\Premier Products, Inc\FL-17460 RA\FL-17460.1-4.dwg



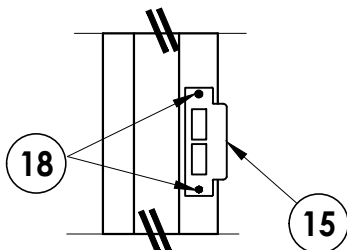
**FRAME ANCHORING**  
Direct to Masonry



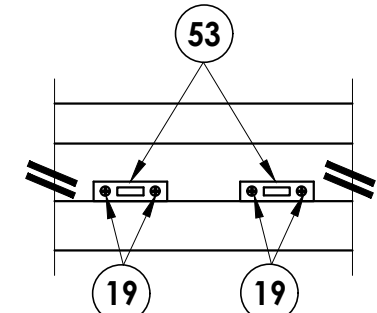
**FRAME ANCHORING**  
Steel Stud



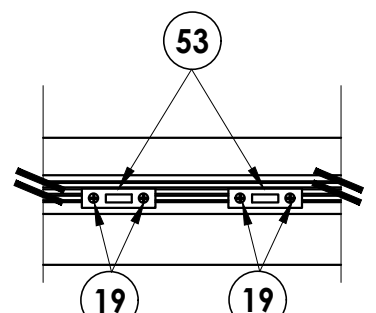
**STRIKE DETAIL**  
Latch & Deadbolt



**STRIKE DETAIL**  
Mortise Lock



**SURFACE BOLT STRIKE PLATE @ HEAD**



**SURFACE BOLT STRIKE PLATE @ SILL**

**CONCRETE ANCHOR NOTES:**

- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- Concrete anchor table:

| ANCHOR TYPE            | ANCHOR LOCATION | ANCHOR SIZE | MANUFACTURER                                                       | MIN. EDGE DISTANCE | MIN. EMBEDMENT |
|------------------------|-----------------|-------------|--------------------------------------------------------------------|--------------------|----------------|
| CONCRETE ANCHOR SCREW  | JAMBS           | 3/8"        | LDT TAPCON® (ITW BUILDEX)                                          | 3"                 | 1-1/2"         |
|                        | SILL            | 1/4"        | TAPCON® (ITW BUILDEX)<br>ULTRA-CON+® (DeWALT)<br>TAPPER+® (POWERS) | 2-1/2"             | 1-3/4"         |
| CONCRETE SLEEVE ANCHOR | JAMBS           | 3/8"        | DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)                              | 2-1/4"             | 1-1/2"         |

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

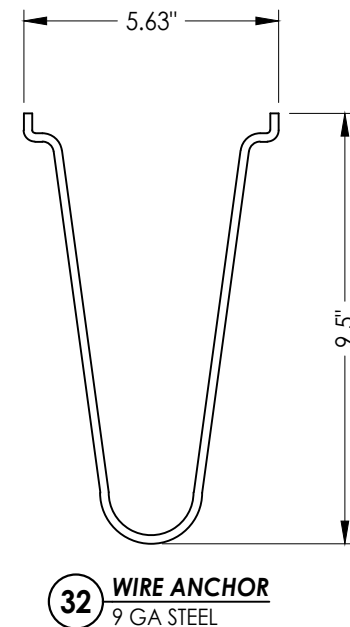
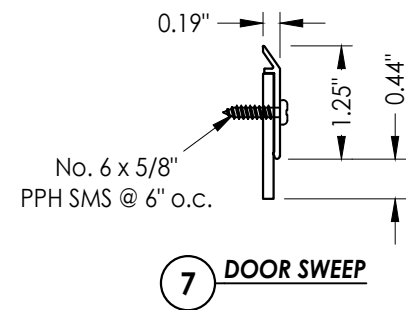
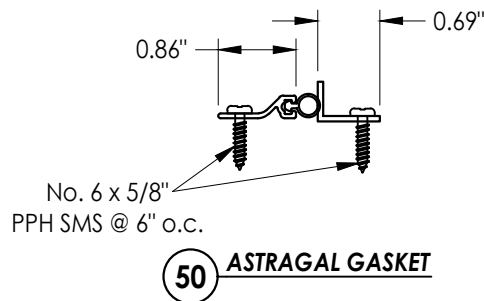
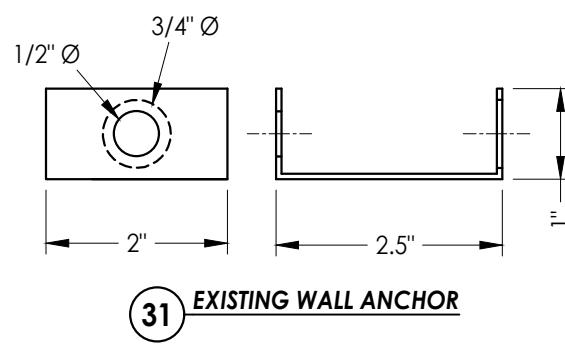
PRODUCT:  
PREMIER PRODUCTS, INC.

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

PART OR ASSEMBLY:  
FRAME ANCHORING

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 3   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 9/08/20 | UPDATE TO 7TH ED. (2020) FBC LFS |
| 1   | 9/20/17 | UPDATE TO 6TH ED. (2017) FBC LFS |

DATE: 12/11/15  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-17460.2  
SHEET 5 OF 6

[illegible]