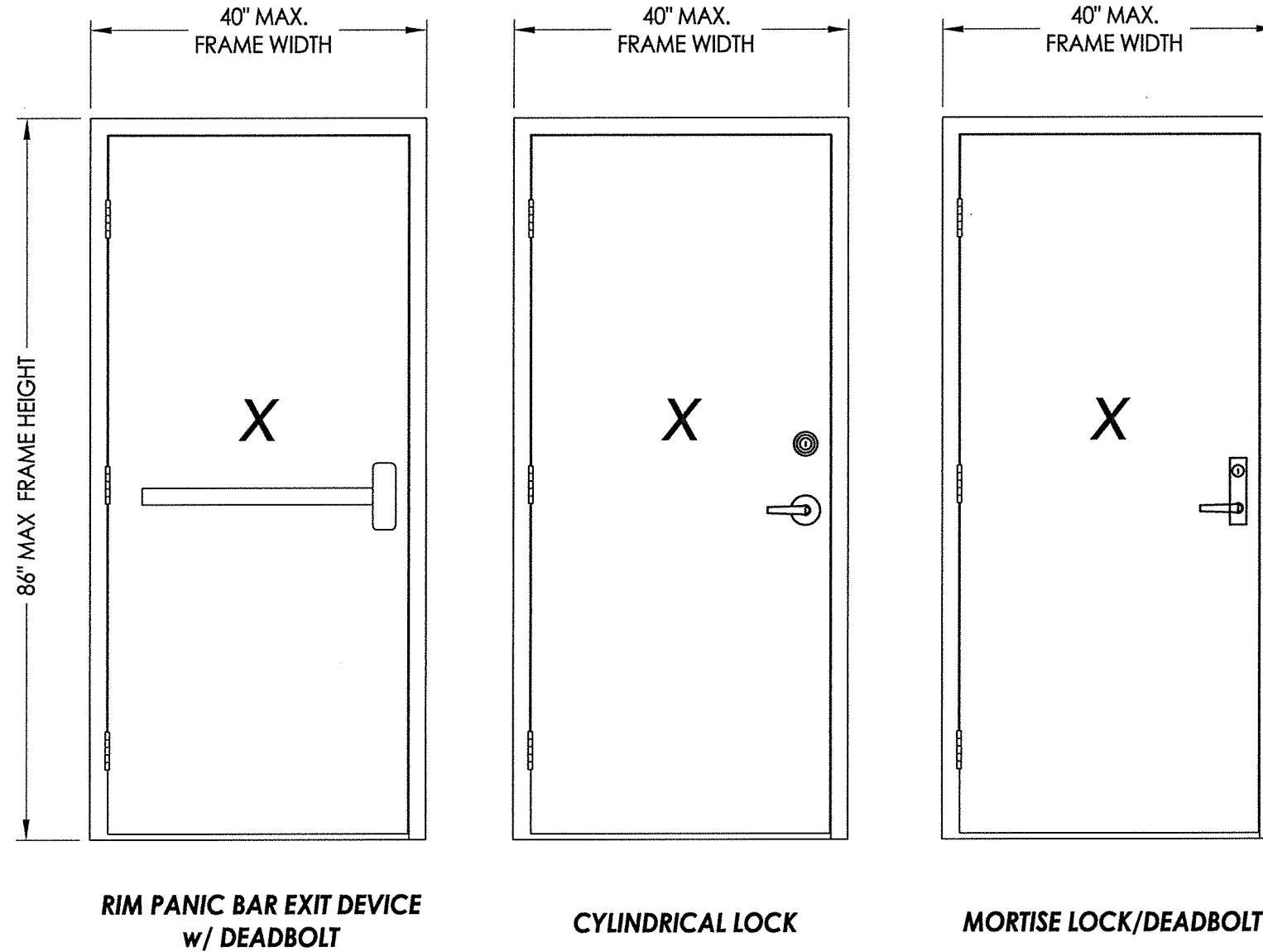


# PREMIER PRODUCTS, Inc.

2840 Sterlington Road  
Monroe, LA 71203

## "SWR-S20-4" SEVERE WINDSTORM RATED "MB" STEEL DOOR OUTSWING "IMPACT"



**RIM PANIC BAR EXIT DEVICE  
w/ DEADBOLT**

**CYLINDRICAL LOCK**

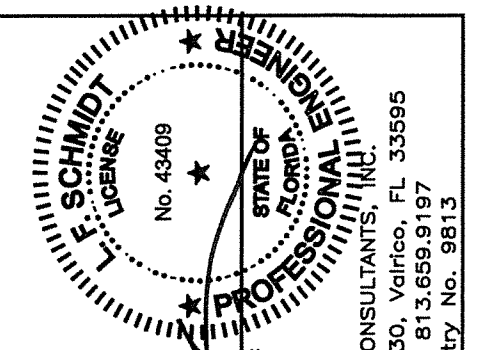
**MORTISE LOCK/DEADBOLT**

### GENERAL NOTES

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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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                      |

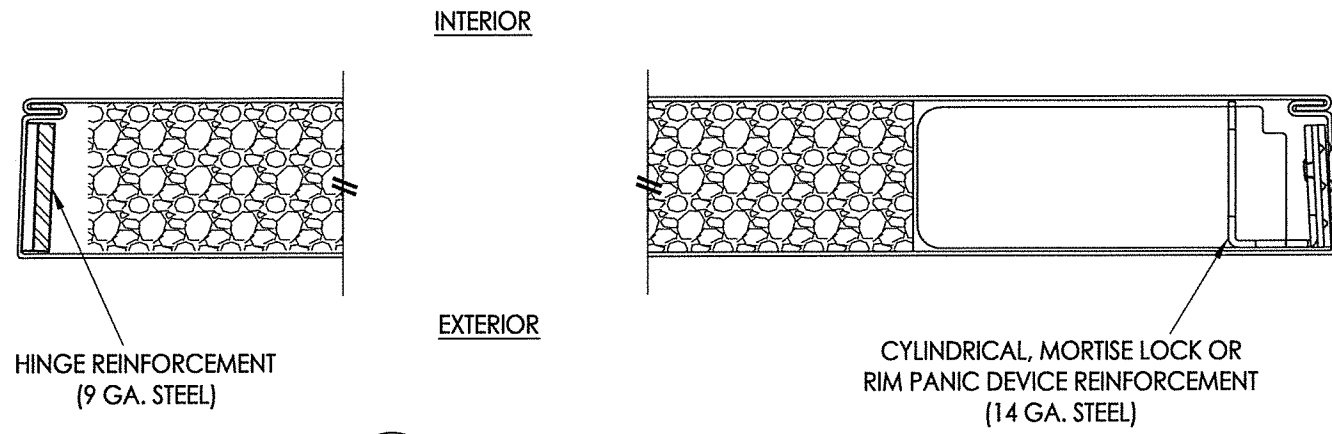
| MAX. OVERALL DIMENSION | DESIGN PRESSURE (PSF) |          |
|------------------------|-----------------------|----------|
|                        | POSITIVE              | NEGATIVE |
| 40.0" X 86.0"          | +50.0                 | -50.0    |



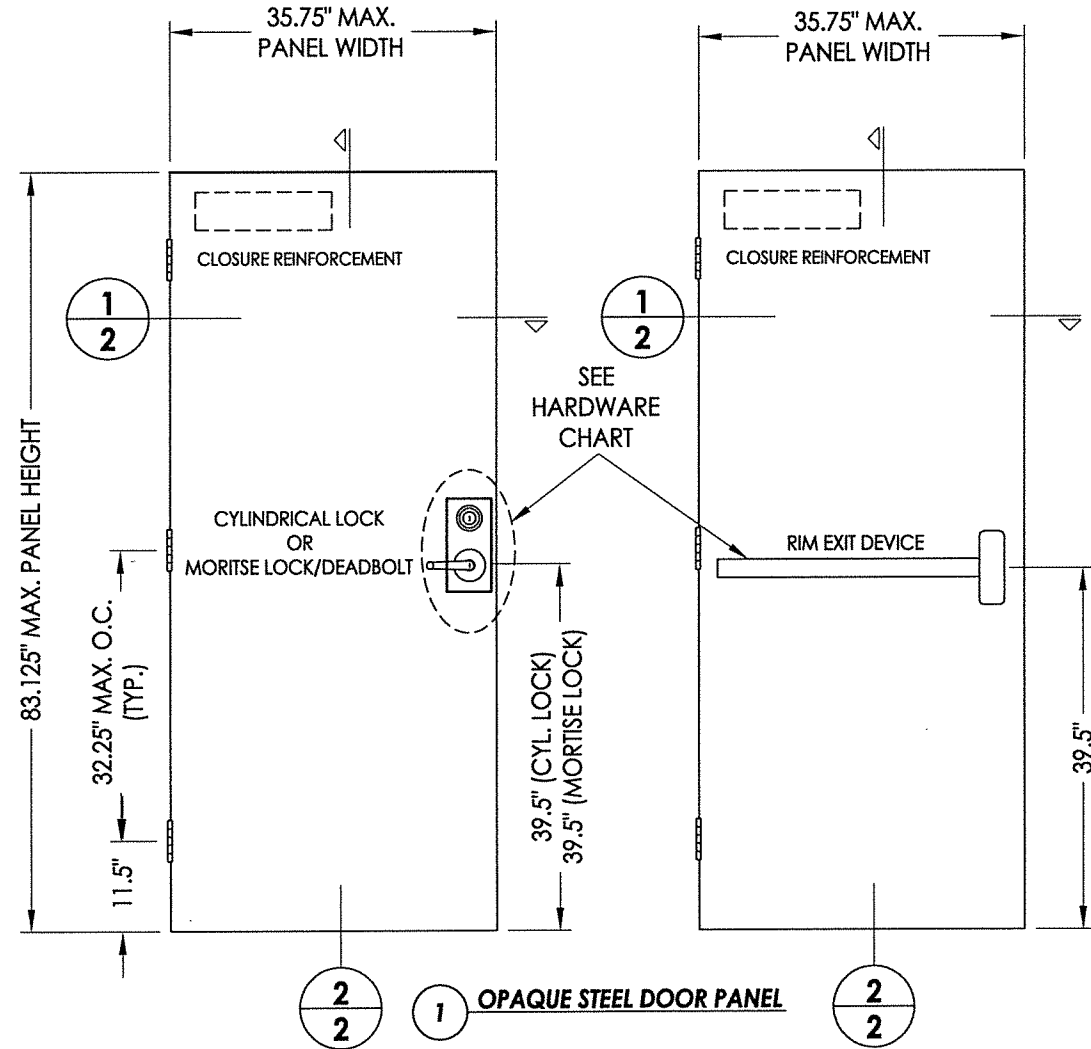
September 9, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W. BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

|                         |  |     |                              |
|-------------------------|--|-----|------------------------------|
| PRODUCT:                | PREMIER PRODUCTS, INC.                               |     |                              |
| PART OR ASSEMBLY:       | TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES |     |                              |
| DATE                    | NO.  | BY  | REVISIONS                    |
| 9/08/20                 | 2  | LFS | UPDATE TO 7TH ED. (2020) FBC |
| 9/20/17                 | 1  | LFS | UPDATE TO 6TH ED. (2017) FBC |
| DATE                    | NO.  | BY  | REVISIONS                    |
| DATE: 12/11/15          |  |     |                              |
| SCALE: N.T.S.           |  |     |                              |
| DWG. BY: JK             |  |     |                              |
| CHK. BY: LFS            |  |     |                              |
| DRAWING NO.: FL-17460.4 |  |     |                              |
| SHEET 1 OF 6            |  |     |                              |

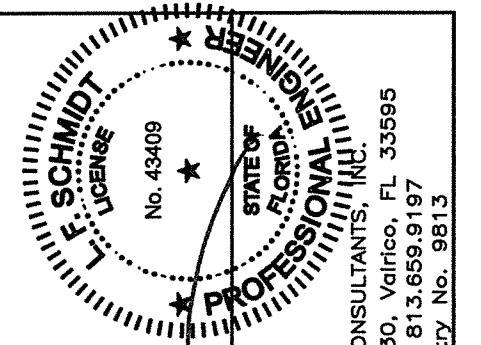
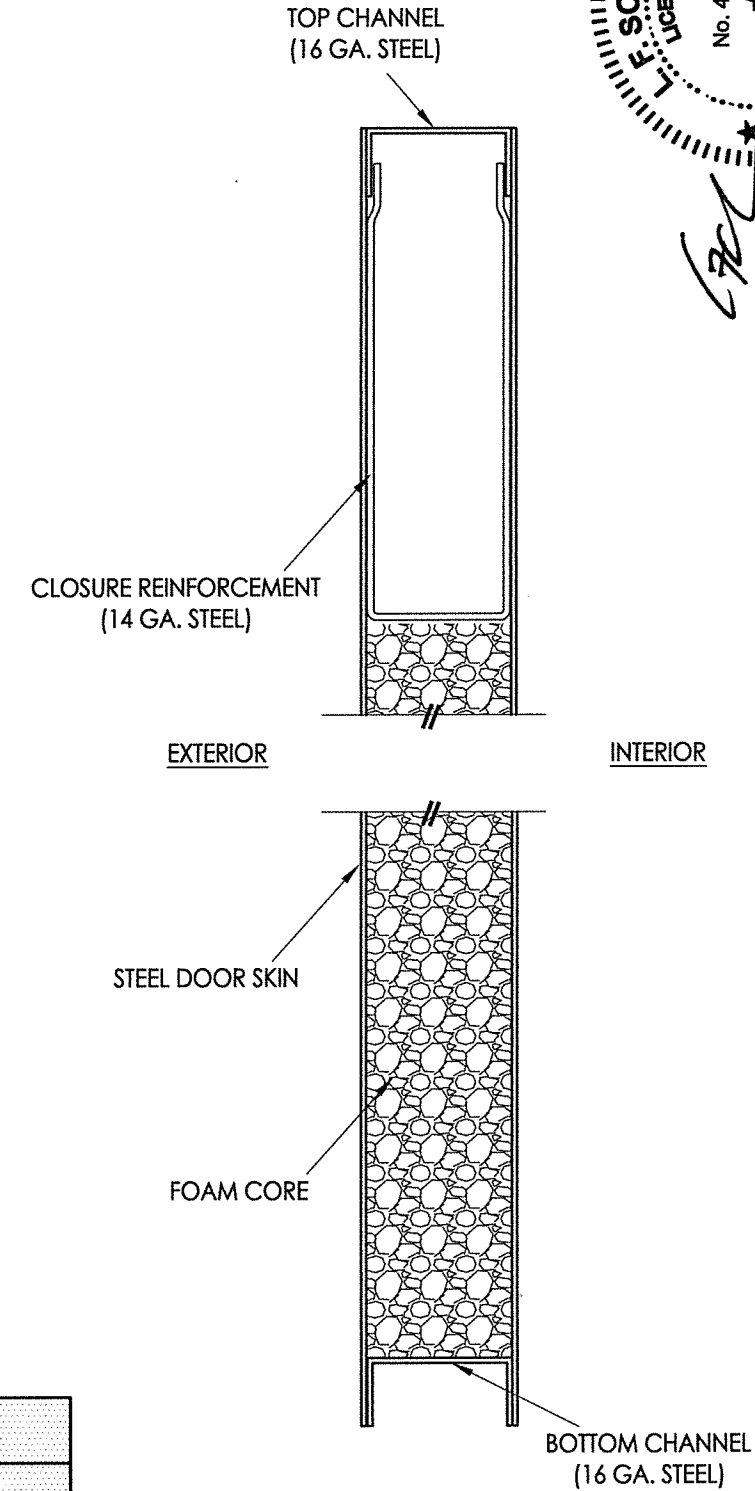
R:\Clients\Premier Products PERMANENTVA - Florida Product Approvals\FL-17460\Drawings\FL-17460\2020\FL-17460.1-4.dwg, 2.5



1 HORIZONTAL CROSS SECTION  
2



| HARDWARE CHART |  |
|----------------|--|
| MANUFACTURER   | MODEL                                  |
| SCHLAGE        | CYLINDRICAL LOCK: D-SERIES             |
| FALCON         | MORTISE LOCK/DEADBOLT: MA SERIES (571) |
| FALCON         | RIM EXIT DEVICE: 25 R-SERIES           |



September 9, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

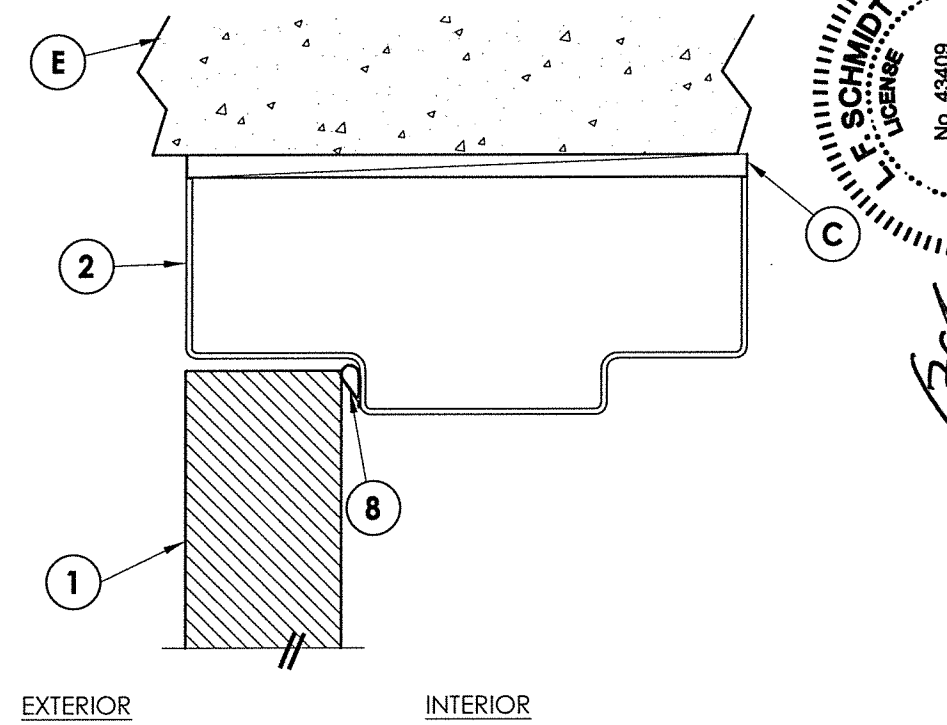
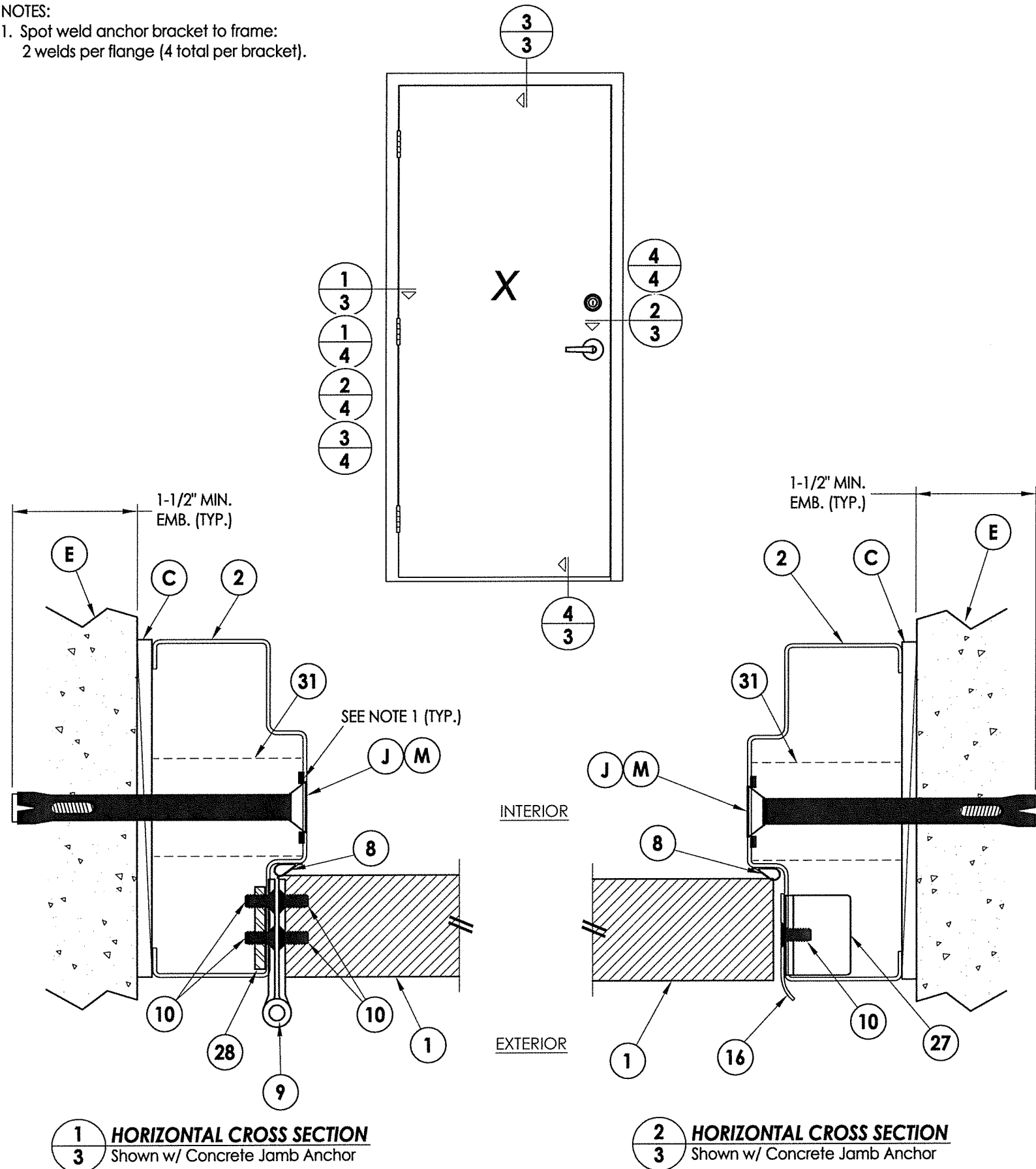
RW BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Vairico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

PRODUCT: PREMIER PRODUCTS, INC.  
 PART OR ASSEMBLY: DOOR PANEL DETAILS

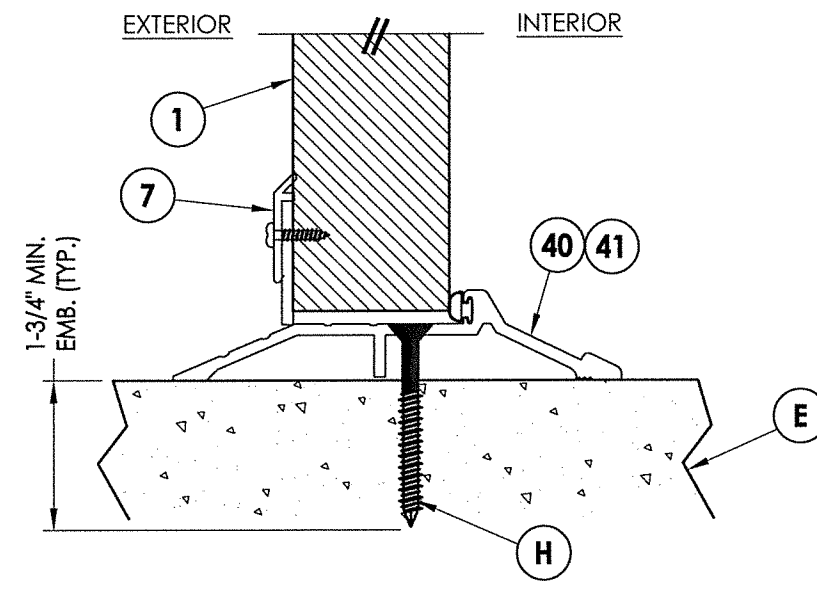
| REVISIONS |         |
|-----------|---------|
| NO.       | DATE    |
| 2         | 9/08/20 |
| 1         | 9/20/17 |

DATE: 12/11/15  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-17460.4  
 SHEET 2 OF 6

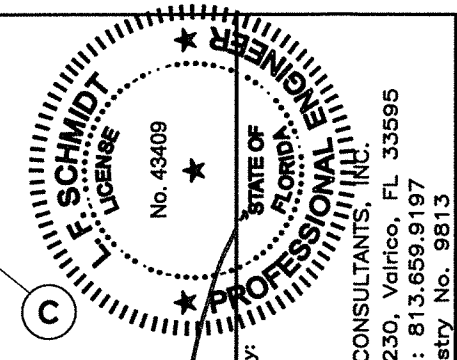
- NOTES:  
 1. Spot weld anchor bracket to frame:  
 2 welds per flange (4 total per bracket).



3  
3 VERTICAL CROSS SECTION

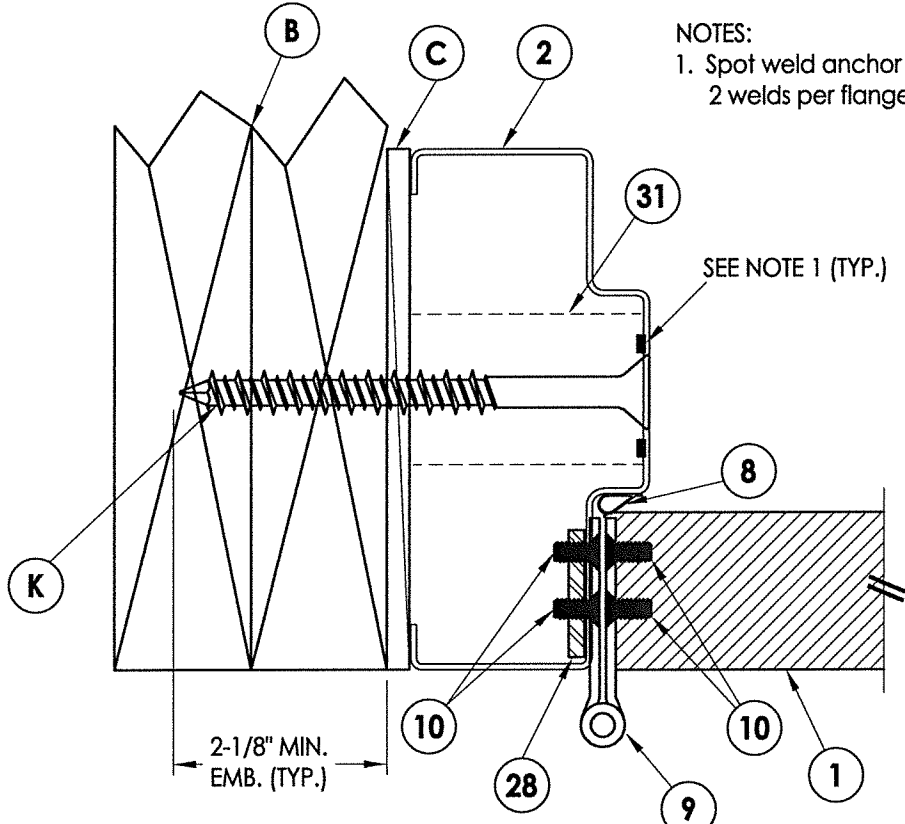


4  
3 VERTICAL CROSS SECTION



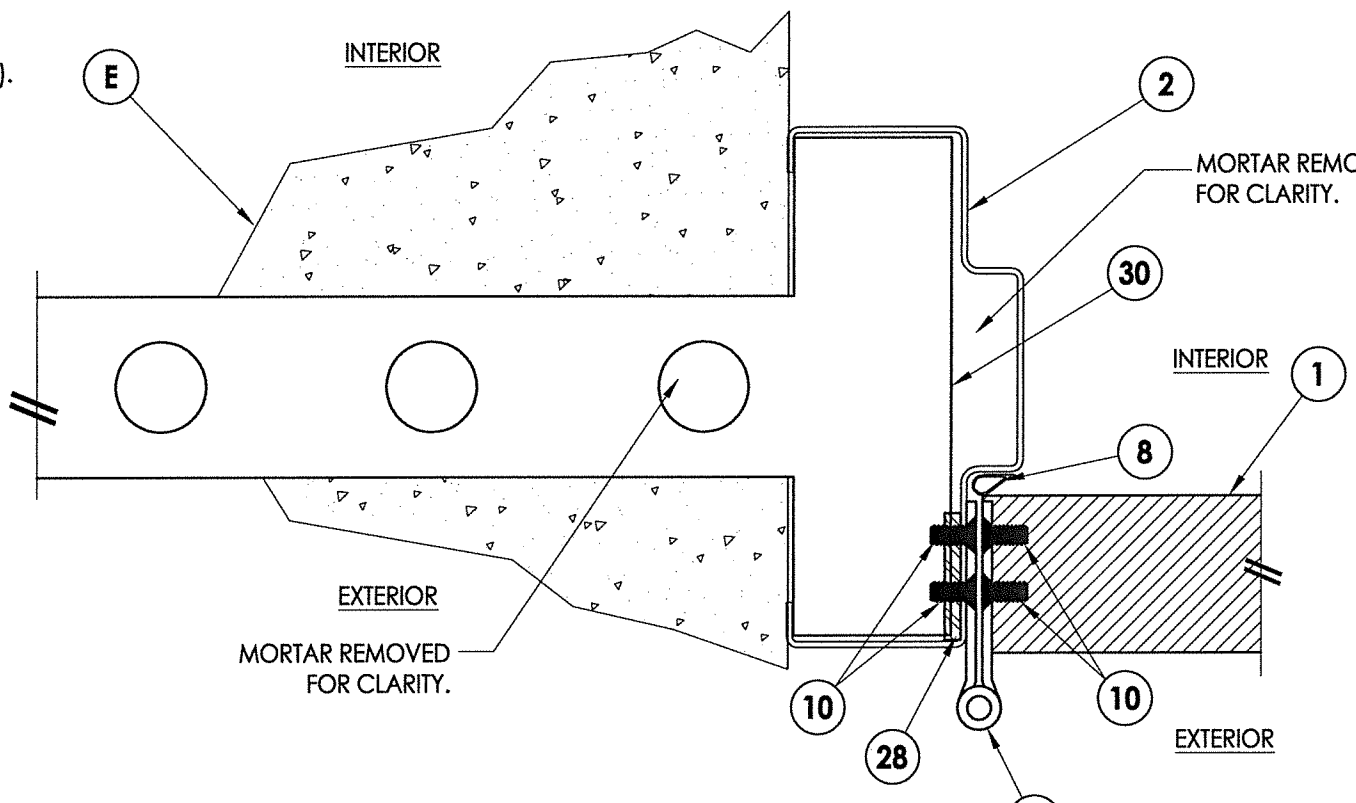
September 9, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W. BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

|                         |                                      |                                  |
|-------------------------|--------------------------------------|----------------------------------|
| PRODUCT:                | PREMIER PRODUCTS, INC.               |                                  |
| PART OR ASSEMBLY:       | HORIZONTAL & VERTICAL CROSS SECTIONS |                                  |
| NO.                     | DATE                                 | BY                               |
| 2                       | 9/08/20                              | UPDATE TO 7TH ED. (2020) FBC LFS |
| 1                       | 9/20/17                              | UPDATE TO 6TH ED. (2017) FBC LFS |
| REVISIONS               |                                      |                                  |
| DATE: 12/11/15          |                                      |                                  |
| SCALE: N.T.S.           |                                      |                                  |
| DWG. BY: JK             |                                      |                                  |
| CHK. BY: LFS            |                                      |                                  |
| DRAWING NO.: FL-17460.4 |                                      |                                  |
| SHEET 3 OF 6            |                                      |                                  |

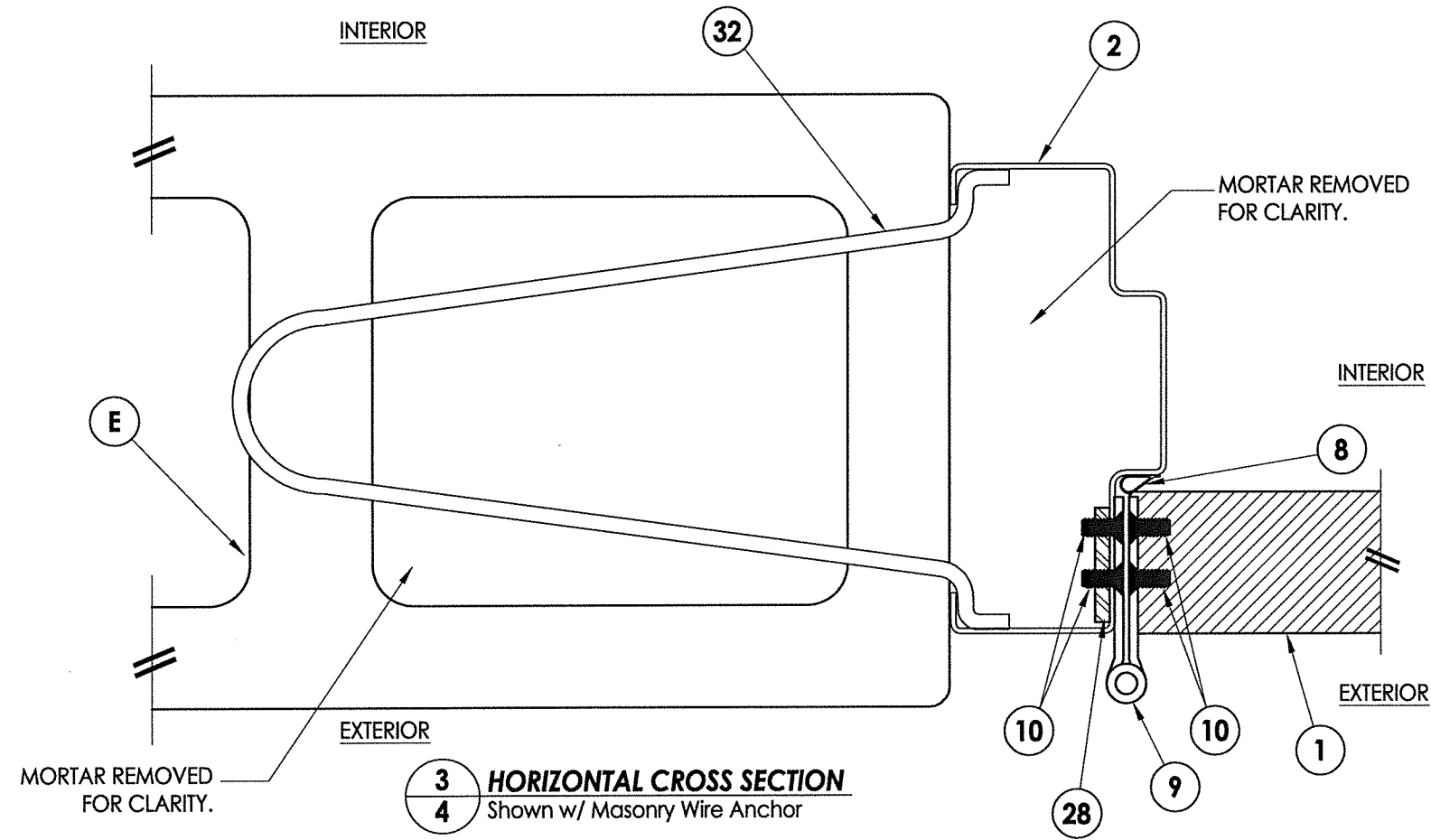


**1** HORIZONTAL CROSS SECTION  
**4** Shown w/ Concrete Jamb Anchor

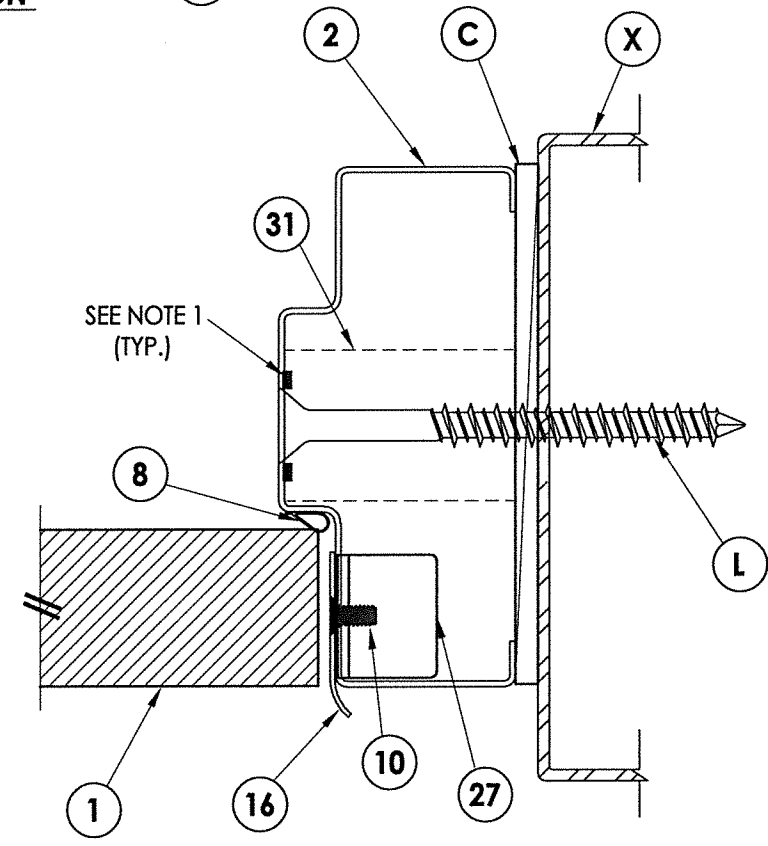
NOTES:  
1. Spot weld anchor bracket to frame:  
2 welds per flange (4 total per bracket).  
SEE NOTE 1 (TYP.)



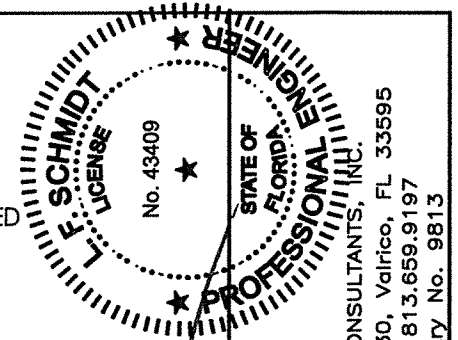
**2** HORIZONTAL CROSS SECTION  
**4** Shown w/ Masonry T' Anchor



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

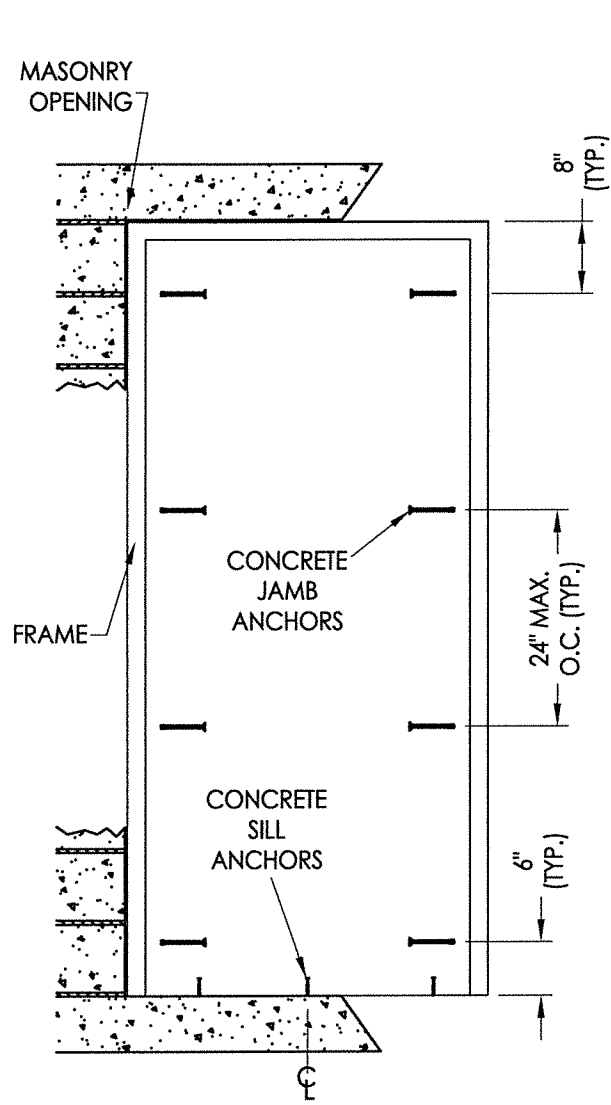


**4** HORIZONTAL CROSS SECTION  
**4** Shown w/ Steel Stud Anchor

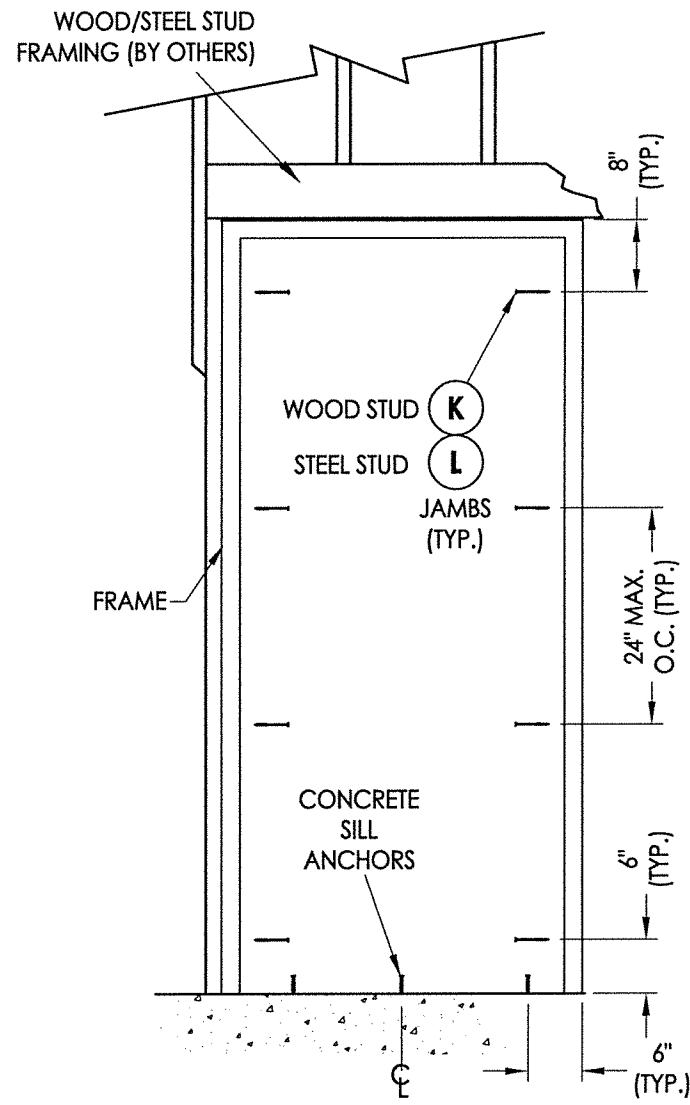


September 9, 2020  
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409  
R.W. BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

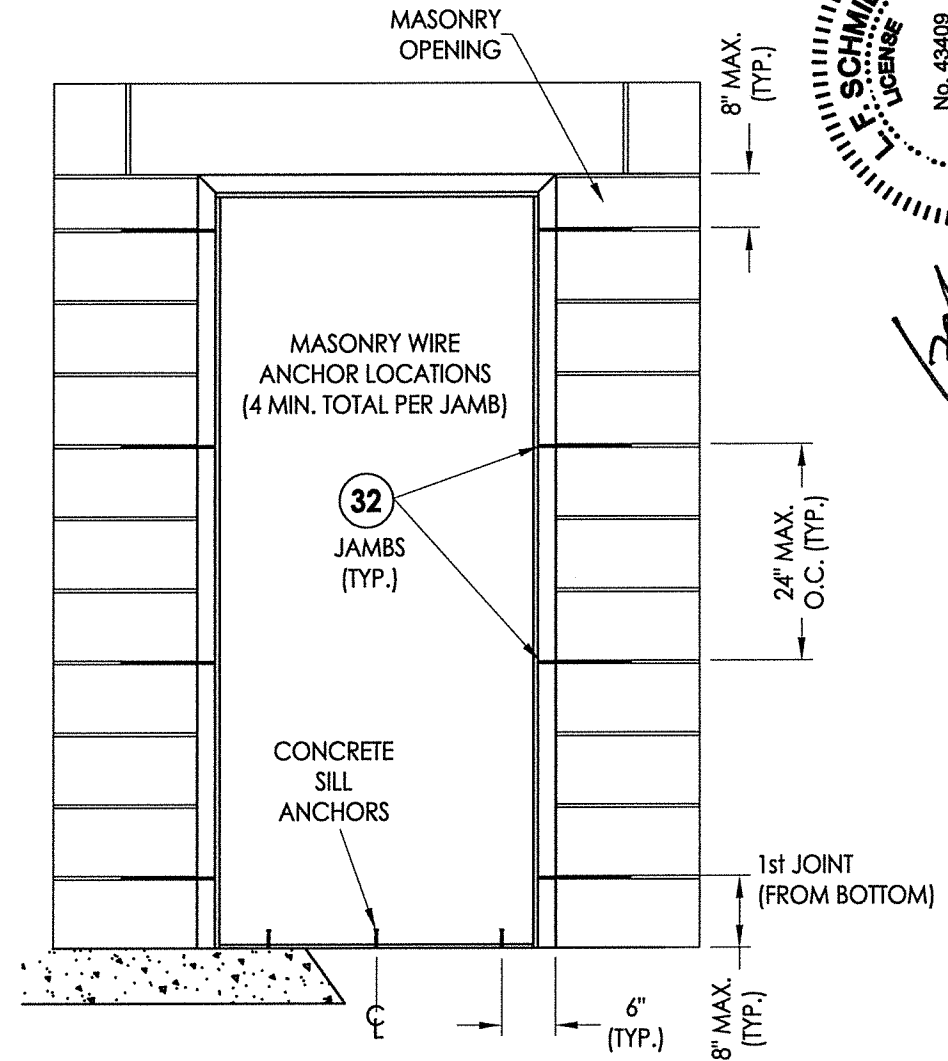
|                   |                           |                              |     |
|-------------------|---------------------------|------------------------------|-----|
| PRODUCT:          | PREMIER PRODUCTS, INC.    |                              |     |
| PART OR ASSEMBLY: | HORIZONTAL CROSS SECTIONS |                              |     |
| DATE:             | 12/11/15                  |                              |     |
| SCALE:            | N.T.S.                    |                              |     |
| DWG. BY:          | JK                        |                              |     |
| CHK. BY:          | LFS                       |                              |     |
| DRAWING NO.:      | FL-17460.4                |                              |     |
| SHEET             | 4 OF 6                    |                              |     |
| NO.               | DATE                      | BY                           |     |
| 2                 | 9/08/20                   | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 1                 | 9/20/17                   | UPDATE TO 6TH ED. (2017) FBC | LFS |
| REVISIONS         |                           |                              |     |



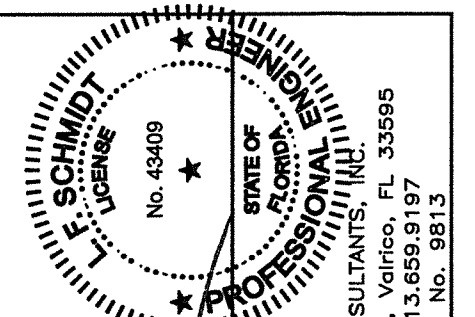
**FRAME ANCHORING**  
Masonry Construction  
Concrete Anchors



**FRAME ANCHORING**  
Wood/Steel Stud



**FRAME ANCHORING**  
Masonry Construction  
Masonry Wire Anchors



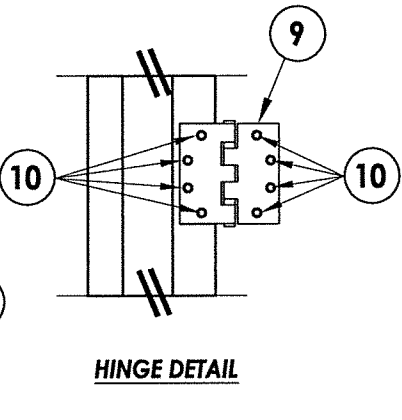
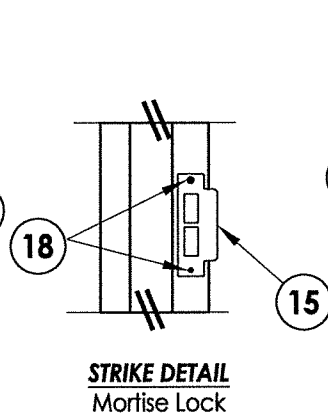
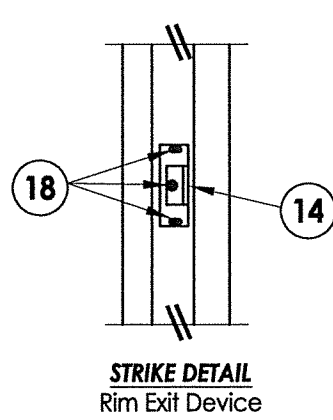
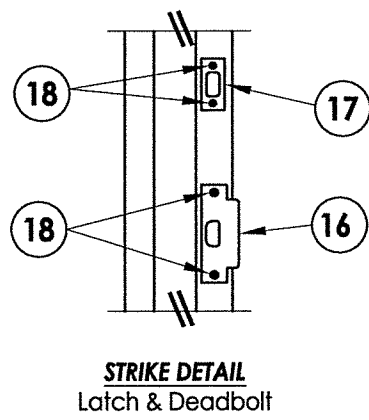
September 9, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 RW BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

|                   |                        |
|-------------------|------------------------|
| PRODUCT:          | PREMIER PRODUCTS, INC. |
| PART OR ASSEMBLY: | FRAME ANCHORING        |
| DATE              | NO.                    |
| 9/08/20           | 2                      |
| 9/20/17           | 1                      |
| 9/08/20           | 2                      |
| 9/20/17           | 1                      |
| DATE              | NO.                    |
| 12/11/15          |                        |
| SCALE:            | N.T.S.                 |
| DWG. BY:          | JK                     |
| CHK. BY:          | LFS                    |
| DRAWING NO.:      | FL-17460.4             |
| SHEET             | 5 OF 6                 |

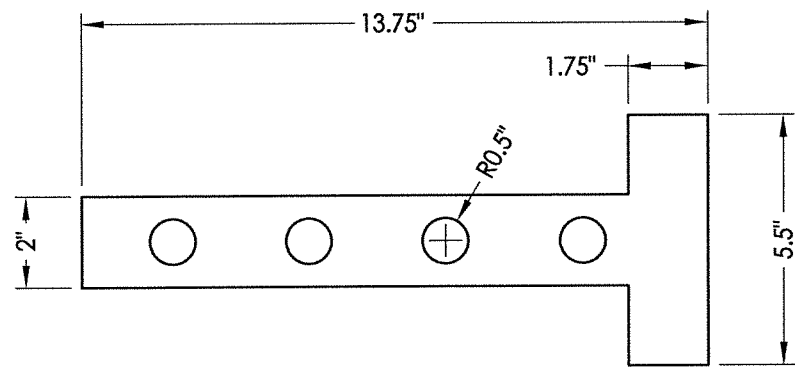
**CONCRETE ANCHOR NOTES:**

- 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:

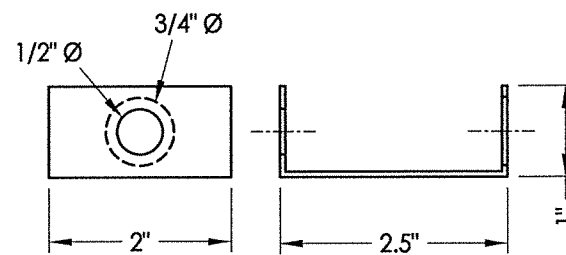
| ANCHOR TYPE            | ANCHOR LOCATION | ANCHOR SIZE | MANUFACTURER                                 | MIN. EDGE DISTANCE | MIN. EMBEDMENT |
|------------------------|-----------------|-------------|--|--------------------|----------------|
| CONCRETE ANCHOR SCREW  | JAMBS           | 3/8"       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



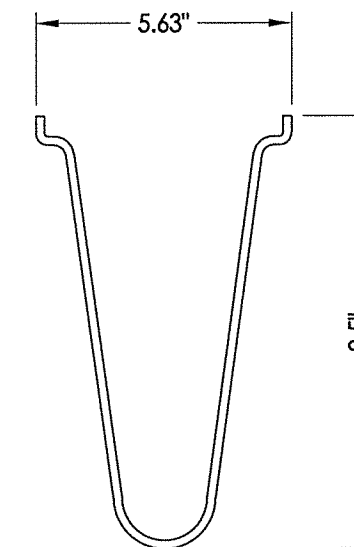
| BILL OF MATERIALS |   |            |
|-------------------|---|------------|
| ITEM #            | DESCRIPTION   | MATERIAL   |
| C                 | 1/4" MAX. SHIM SPACE  | -          |
| D                 | 1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW  | STEEL      |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90 | CONCRETE   |
| H                 | 1/4" X 2-1/4" PFH CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)  | STEEL      |
| J                 | 3/8" X 5" PFH DYNABOLT SLEEVE ANCHOR (SEE CONCRETE ANCHOR TABLE)  | STEEL      |
| K                 | 3/8" X 5" FH LAG SCREW (2-1/8" MIN. EMBEDMENT)  | STEEL      |
| L                 | 3/8" Ø SMS (MUST PENETRATE MIN. 3 THREADS THROUGH STEEL STUD)   | STEEL      |
| M                 | 3/8" X 5" LDT TAPCON CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)   | STEEL      |
| 1                 | STEEL DOOR PANEL  | -          |
| 2                 | HOLLOW METAL FRAME (16 GA)  | STEEL      |
| 7                 | DOOR SWEEP (PEMKO 315 BN)   | ALUM/VINYL |
| 8                 | WEATHERSTRIP (PEMKO S88)  | STEEL      |
| 9                 | 4-1/2" X 4-1/2" HINGE   | STEEL      |
| 10                | #12-24 X 1/2" PFH MACHINE SCREW   | STEEL      |
| 14                | RIM PANIC DEVICE STRIKE PLATE   | STEEL      |
| 15                | MORTISE STRIKE PLATE  | STEEL      |
| 16                | LATCH STRIKE PLATE  | STEEL      |
| 17                | DEADBOLT STRIKE PLATE   | STEEL      |
| 18                | #12 X 1" FH SCREW   | STEEL      |
| 27                | FRAME STRIKE REINFORCEMENT (14 GA)  | STEEL      |
| 28                | FRAME HINGE REINFORCEMENT (9 GA)  | STEEL      |
| 30                | MASONRY 'T' ANCHOR  | STEEL      |
| 31                | EXISTING WALL ANCHOR  | STEEL      |
| 32                | WIRE ANCHOR   | STEEL      |
| 40                | THRESHOLD (PEMKO 181 V)   | ALUMINUM   |
| 41                | THRESHOLD (PEMKO 2005 V)  | ALUMINUM   |



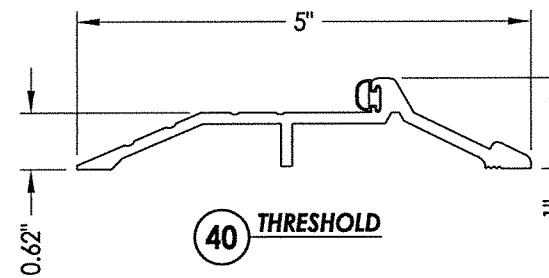
**30 MASONRY 'T' ANCHOR**  
16 GA STEEL



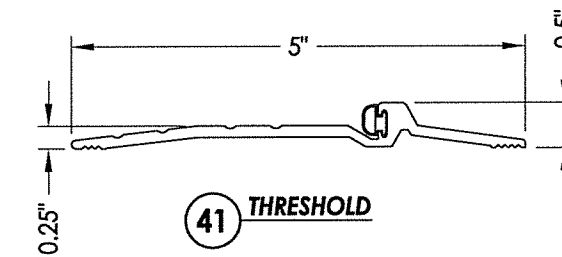
**31 EXISTING WALL ANCHOR**



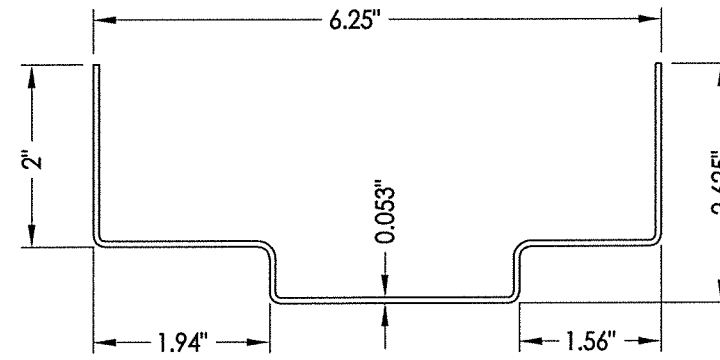
**32 WIRE ANCHOR**  
9 GA STEEL



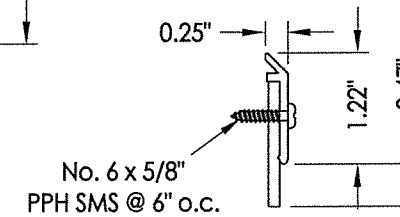
**40 THRESHOLD**



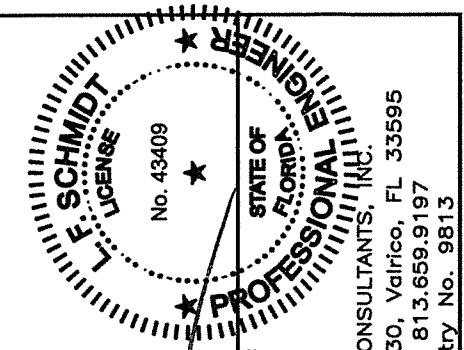
**41 THRESHOLD**



**2 HOLLOW METAL FRAME**



**7 DOOR SWEEP**



September 9, 2020

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

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

PRODUCT:  
PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

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

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17460.4

SHEET 6 OF 6