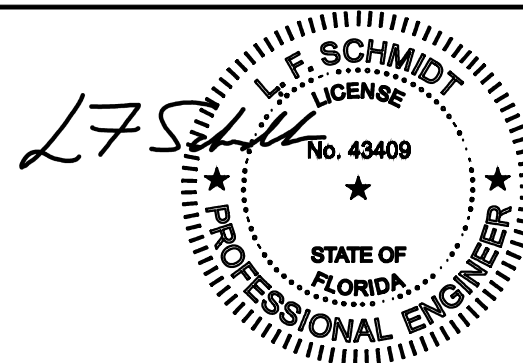


2840 Sterlington Road  
Monroe, LA 71203

## 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 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.

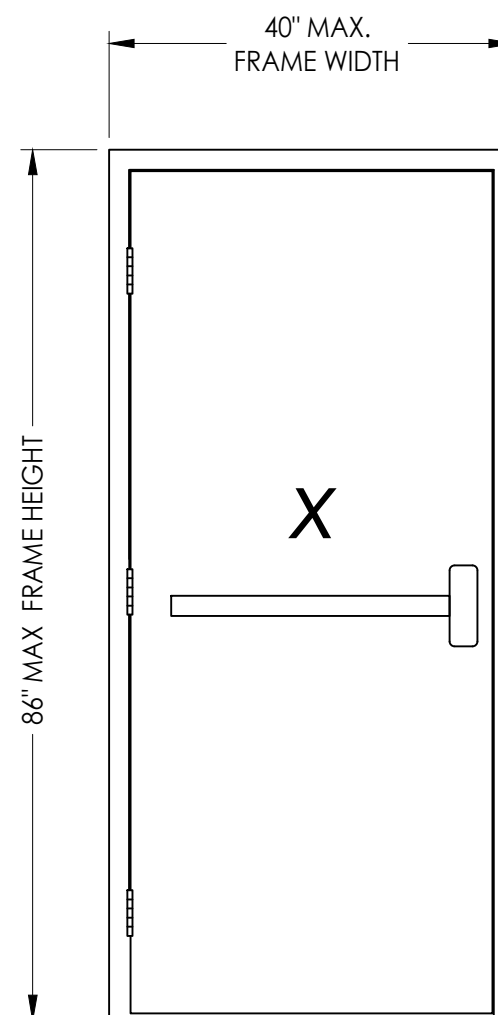
| TABLE OF CONTENTS |                                                       |
|-------------------|-------------------------------------------------------|
| SHEET#            | DESCRIPTION                                           |
| 1                 | Typical elevations, design pressures, & general notes |
| 2                 | Door panel details                                    |
| 3                 | Horizontal & vertical cross sections                  |
| 4                 | Horizontal cross sections                             |
| 5                 | Frame anchoring                                       |
| 6                 | Bill of materials and components                      |



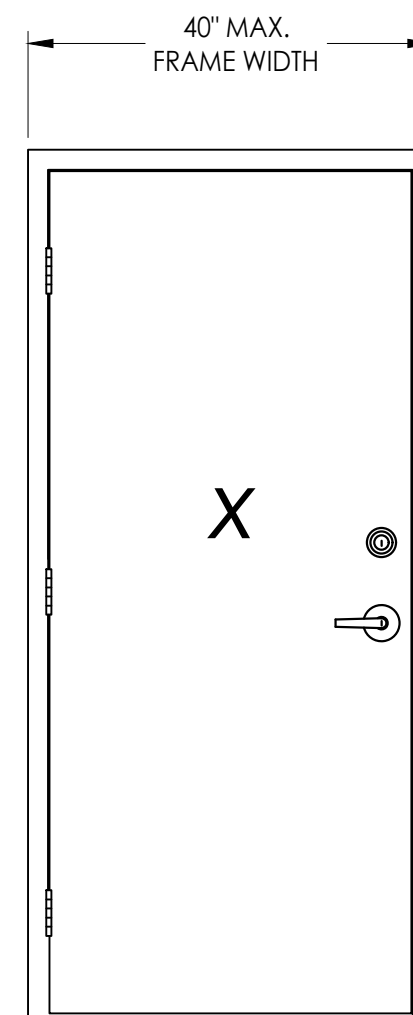
Digitally signed by Lyndon F Schmidt  
Date: 2023.08.21 15:29:40 -04'00'

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.

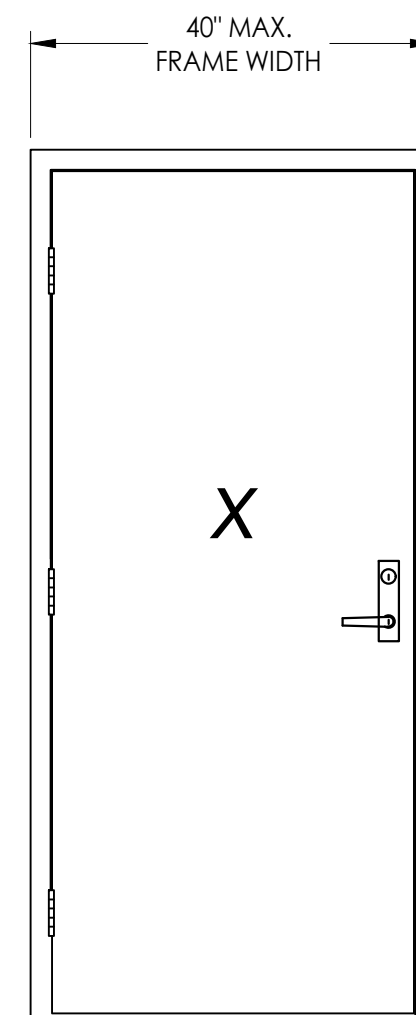
THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA



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



### CYLINDRICAL LOCK

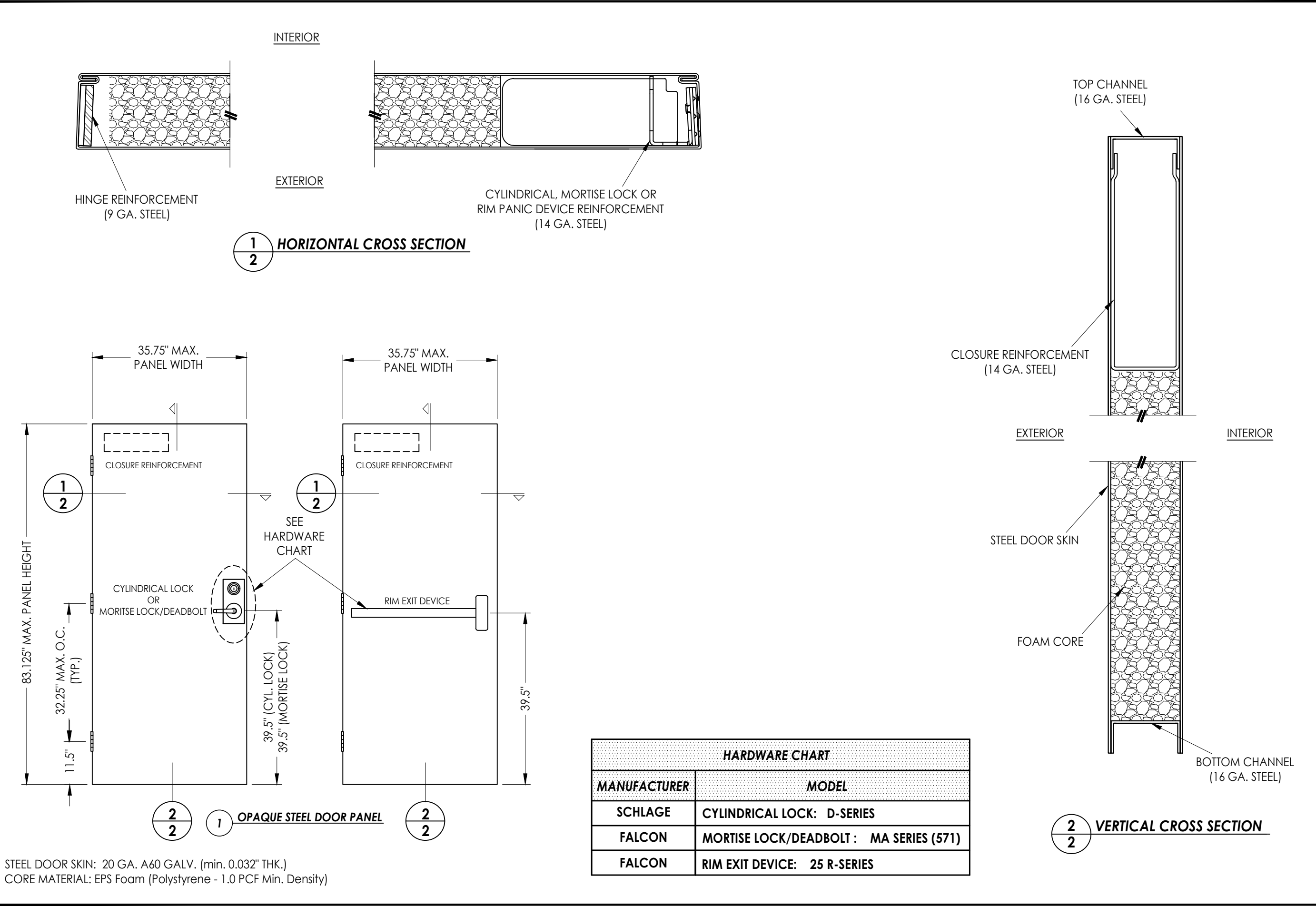


## MORTISE LOCK/DEADBOLT

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

|                                                                                     |         |                                                                                                                        |         |
|-------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------|---------|
| <b>PRODUCT:</b><br><u>PREMIER PRODUCTS, INC.</u>                                    |         | <b>Documents Prepared By:</b><br>Lyndon F. Schmidt<br>P.E. No. 43409                                                   |         |
| <b>PART OR ASSEMBLY:</b><br>TYPICAL ELEVATIONS, DESIGN<br>PRESSURES & GENERAL NOTES |         | <br>BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |
|                                                                                     |         |                                                                                                                        |         |
|                                                                                     |         |                                                                                                                        |         |
| 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      |
| REVISIONS                                                                           |         |                                                                                                                        |         |
| DATE: 12/11/15                                                                      |         |                                                                                                                        |         |
| SCALE: N.T.S.                                                                       |         |                                                                                                                        |         |
| DWG. BY: JK                                                                         |         |                                                                                                                        |         |
| CHK. BY: LFS                                                                        |         |                                                                                                                        |         |
| DRAWING NO.:<br>FL-17460.4                                                          |         |                                                                                                                        |         |
| SHEET 1 OF 6                                                                        |         |                                                                                                                        |         |

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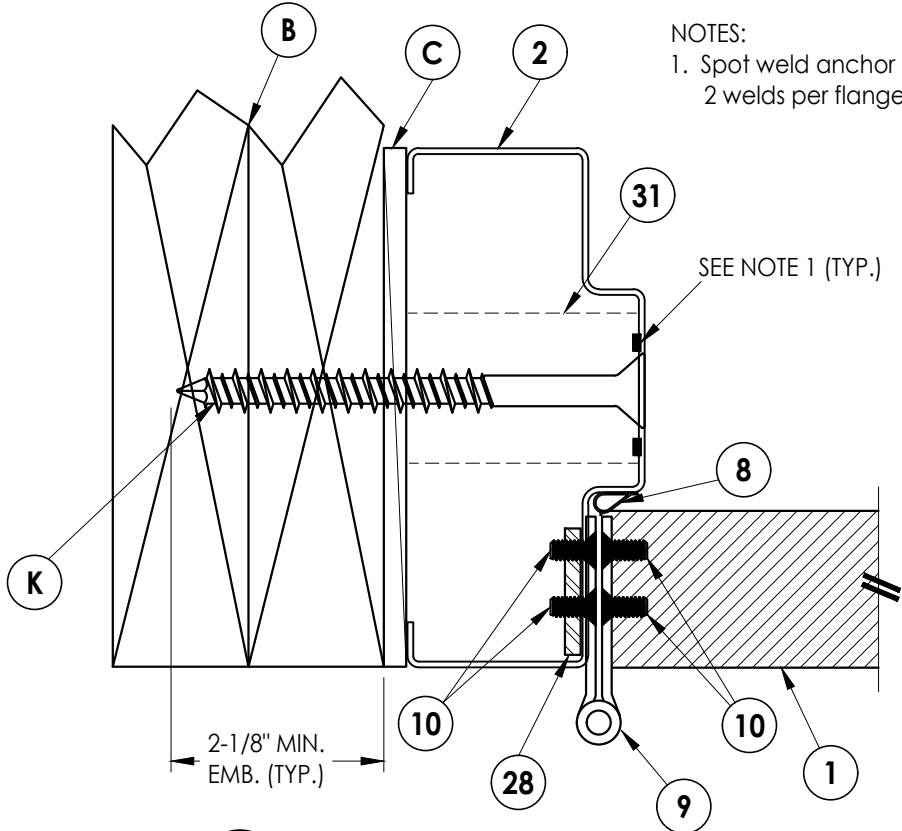
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|---------------------------------------------------------------|--|-----------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|---------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |                                         |  | <i>RW</i> BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |                          |         |
| PRODUCT:<br>PREMIER PRODUCTS, INC.                            |  | PART OR ASSEMBLY:<br>DOOR PANEL DETAILS |  |                                                                                                                              |         |                          |         |
|                                                               |  |                                         |  | 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      |
|                                                               |  |                                         |  | REVISIONS                                                                                                                    |         |                          |         |
| DATE: 12/11/15                                                |  |                                         |  |                                                                                                                              |         |                          |         |
| SCALE: N.T.S.                                                 |  |                                         |  |                                                                                                                              |         |                          |         |
| DWG. BY: JK                                                   |  |                                         |  |                                                                                                                              |         |                          |         |
| CHK. BY: LFS                                                  |  |                                         |  |                                                                                                                              |         |                          |         |
| DRAWING NO.:<br>FL-17460.4                                    |  |                                         |  |                                                                                                                              |         |                          |         |
| SHEET 2 OF 6                                                  |  |                                         |  |                                                                                                                              |         |                          |         |

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

[illegible]

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

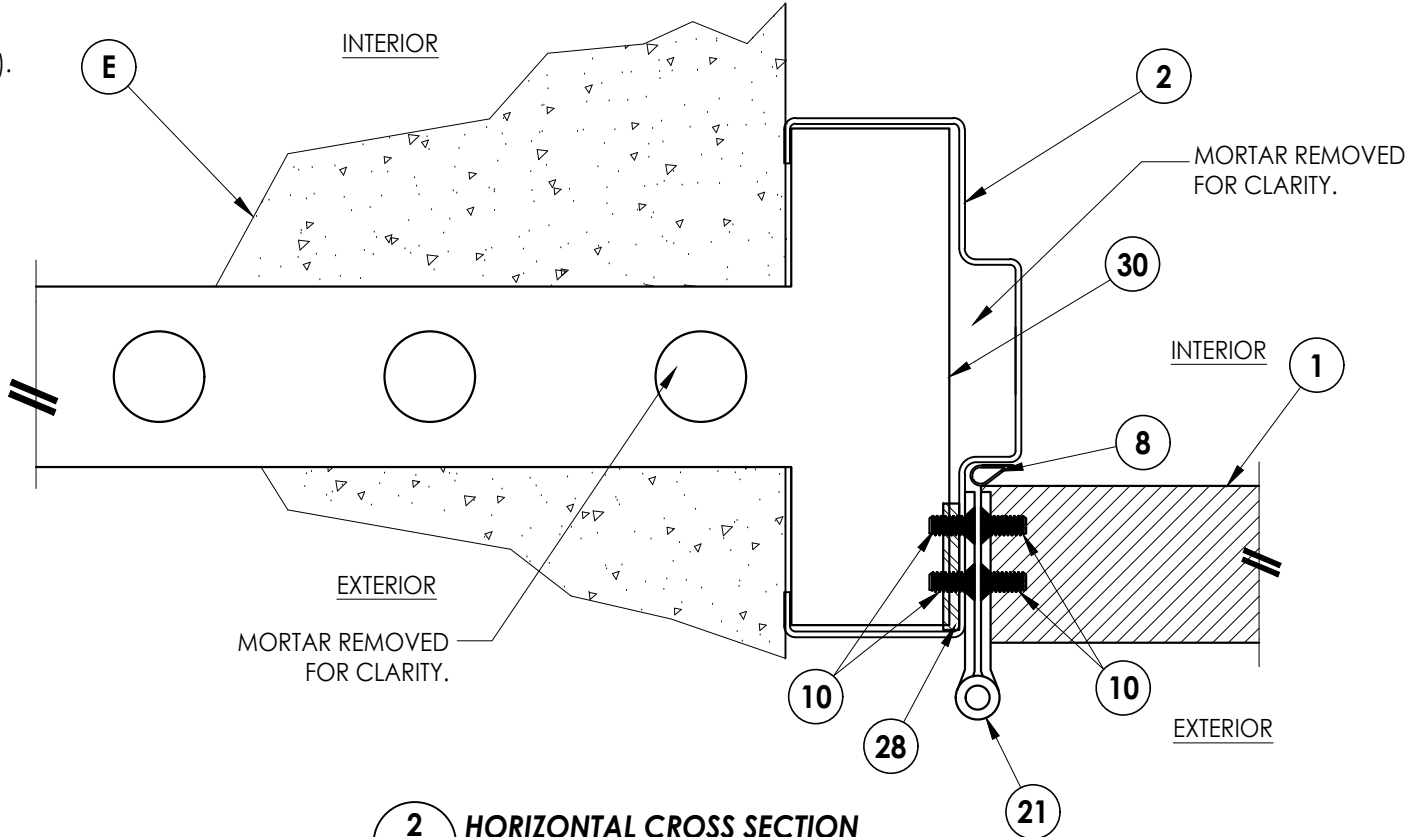
***RW*** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813



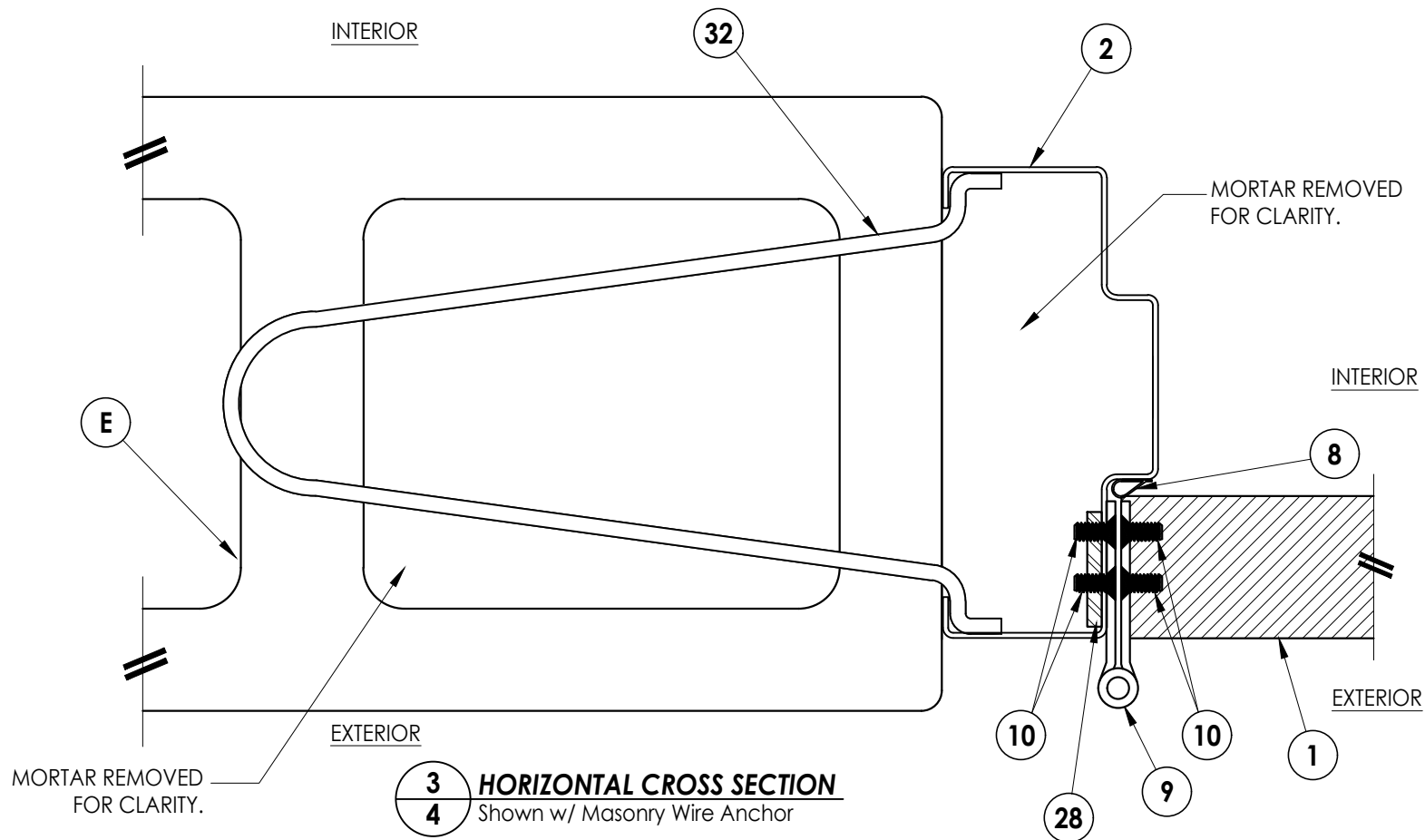
- NOTES:
1. Spot weld anchor bracket to frame:  
2 welds per flange (4 total per bracket).

SEE NOTE 1 (TYP.)

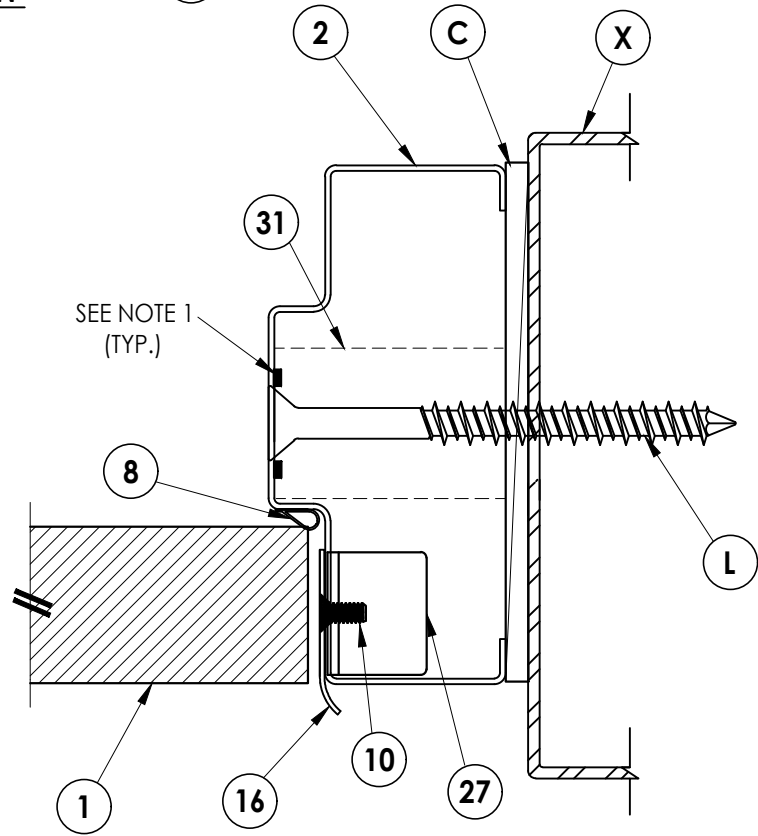
**1** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ Concrete Jamb Anchor



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

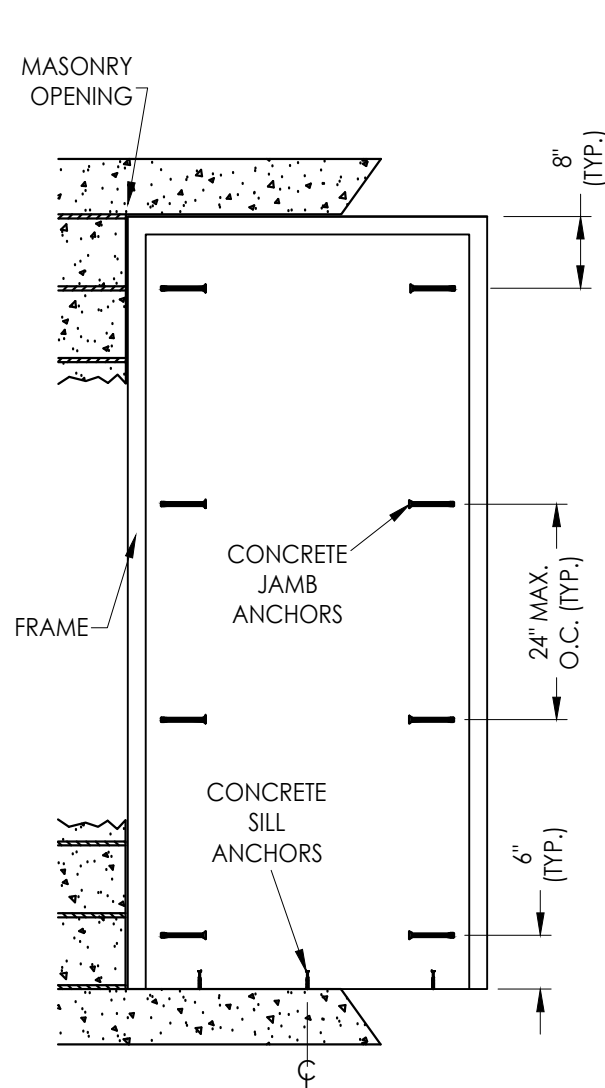


**3 HORIZONTAL CROSS SECTION**  
**4** Shown w/ Masonry Wire Anchor

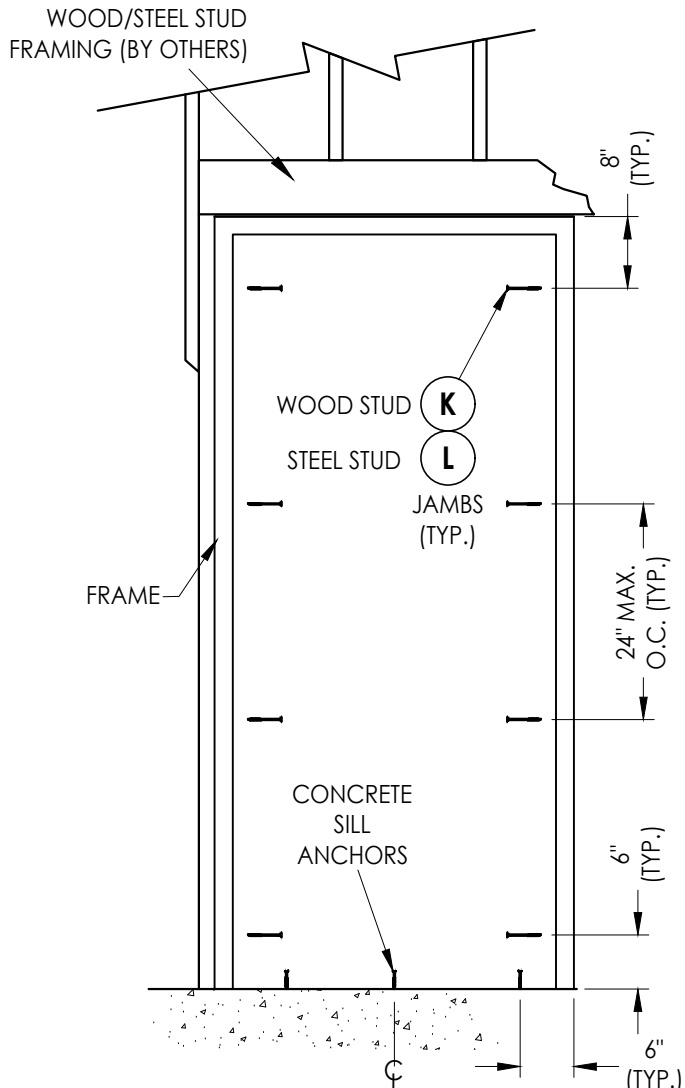


**4** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ Steel Stud Anchor

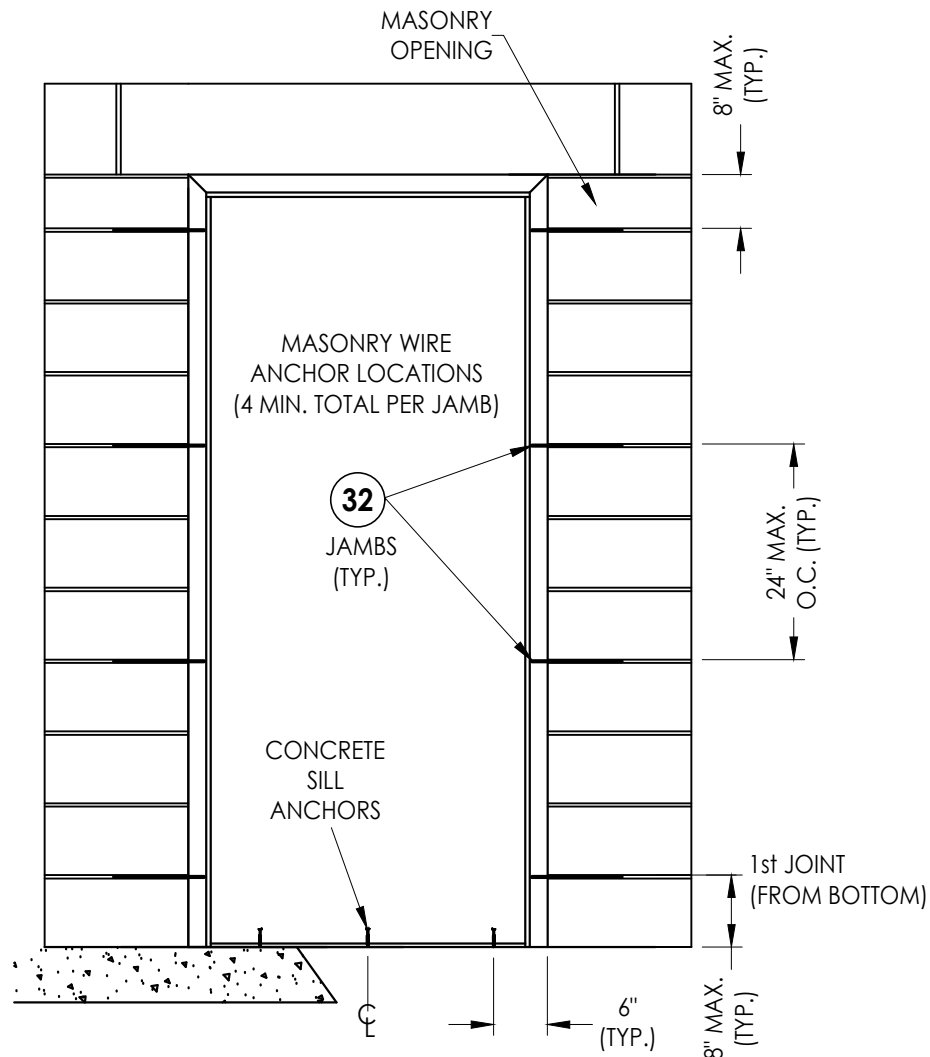
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|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DATE: 12/11/15          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SCALE: N.T.S.           |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DWG. BY: JK             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CHK. BY: LFS            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DRAWING NO.: FL-17460.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SHEET 4 OF 6            |  |  |  |  |  |  |  |  |  |  |  |  |  |



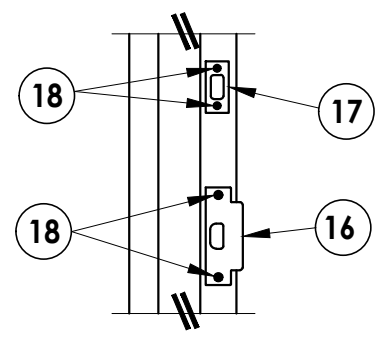
**FRAME ANCHORING**  
Masonry Construction  
Concrete Anchors



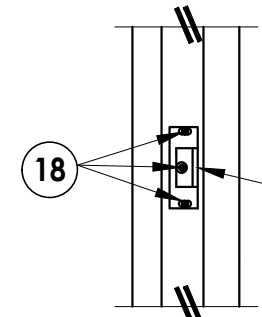
**FRAME ANCHORING**  
Wood/Steel Stud



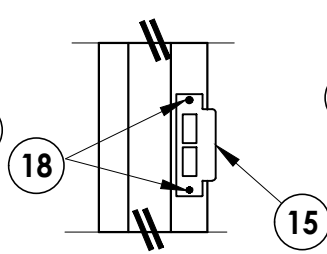
**FRAME ANCHORING**  
Masonry Construction  
Masonry Wire Anchors



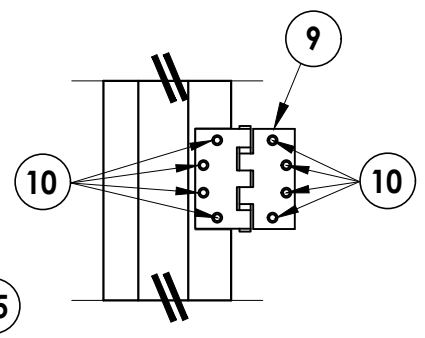
**STRIKE DETAIL**  
Latch & Deadbolt



**STRIKE DETAIL**  
Rim Exit Device



**STRIKE DETAIL**  
Mortise Lock



**HINGE DETAIL**

**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"         |

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

PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:  
FRAME ANCHORING

DATE

NO.

BY

REVISIONS

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

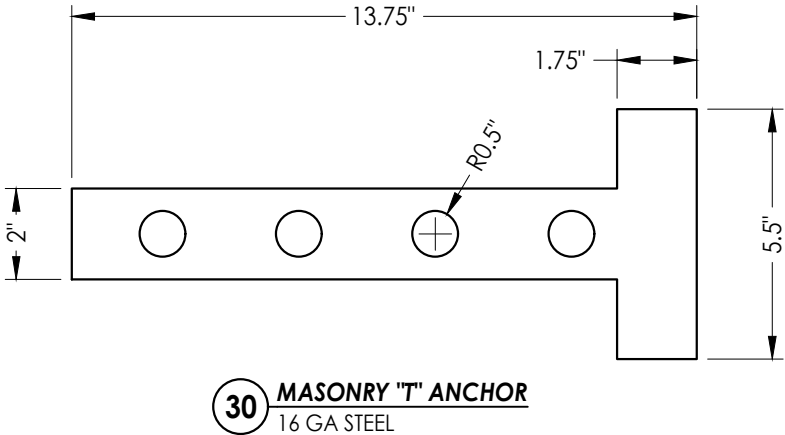
DRAWING NO.: FL-17460.4

SHEET 5 OF 6

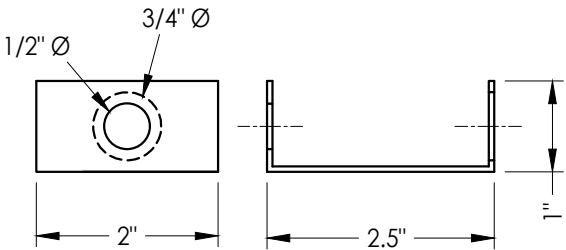
Building Consultants, Inc.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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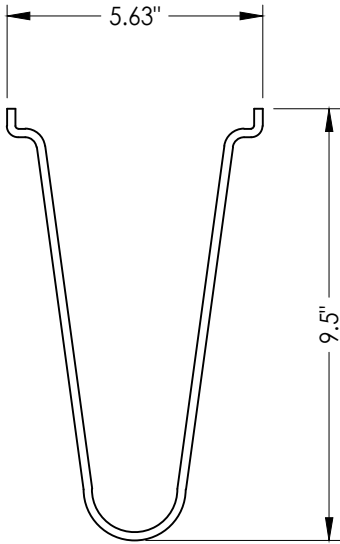
| BILL OF MATERIALS |                                                                                                               |            |
|-------------------|---------------------------------------------------------------------------------------------------------------|------------|
| ITEM #            | 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   |



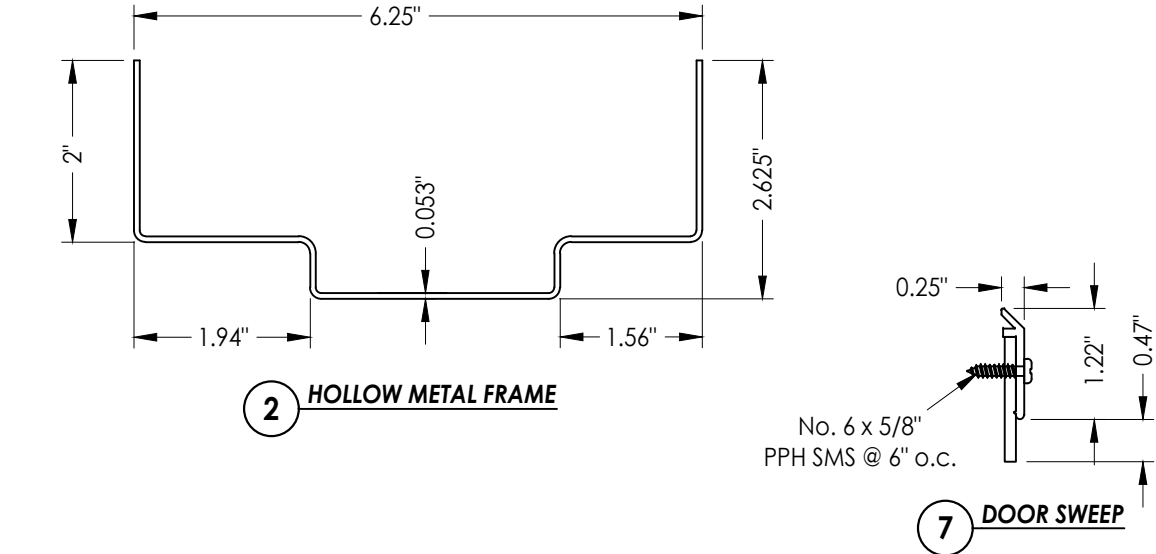
30 MASONRY 'T' ANCHOR  
16 GA STEEL



31 EXISTING WALL ANCHOR

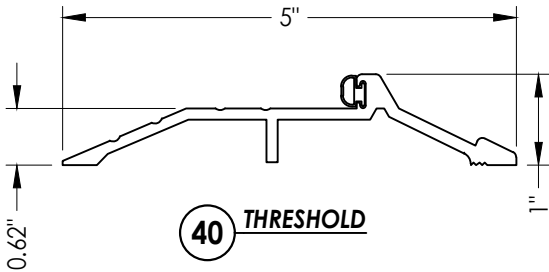


32 WIRE ANCHOR  
9 GA STEEL

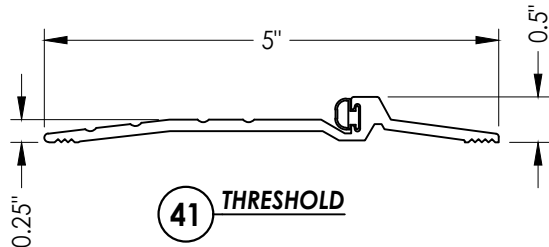


2 HOLLOW METAL FRAME

7 DOOR SWEEP



40 THRESHOLD



41 THRESHOLD

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:  
BILL OF MATERIALS  
& COMPONENTS

| 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-17460.4

SHEET 6 OF 6