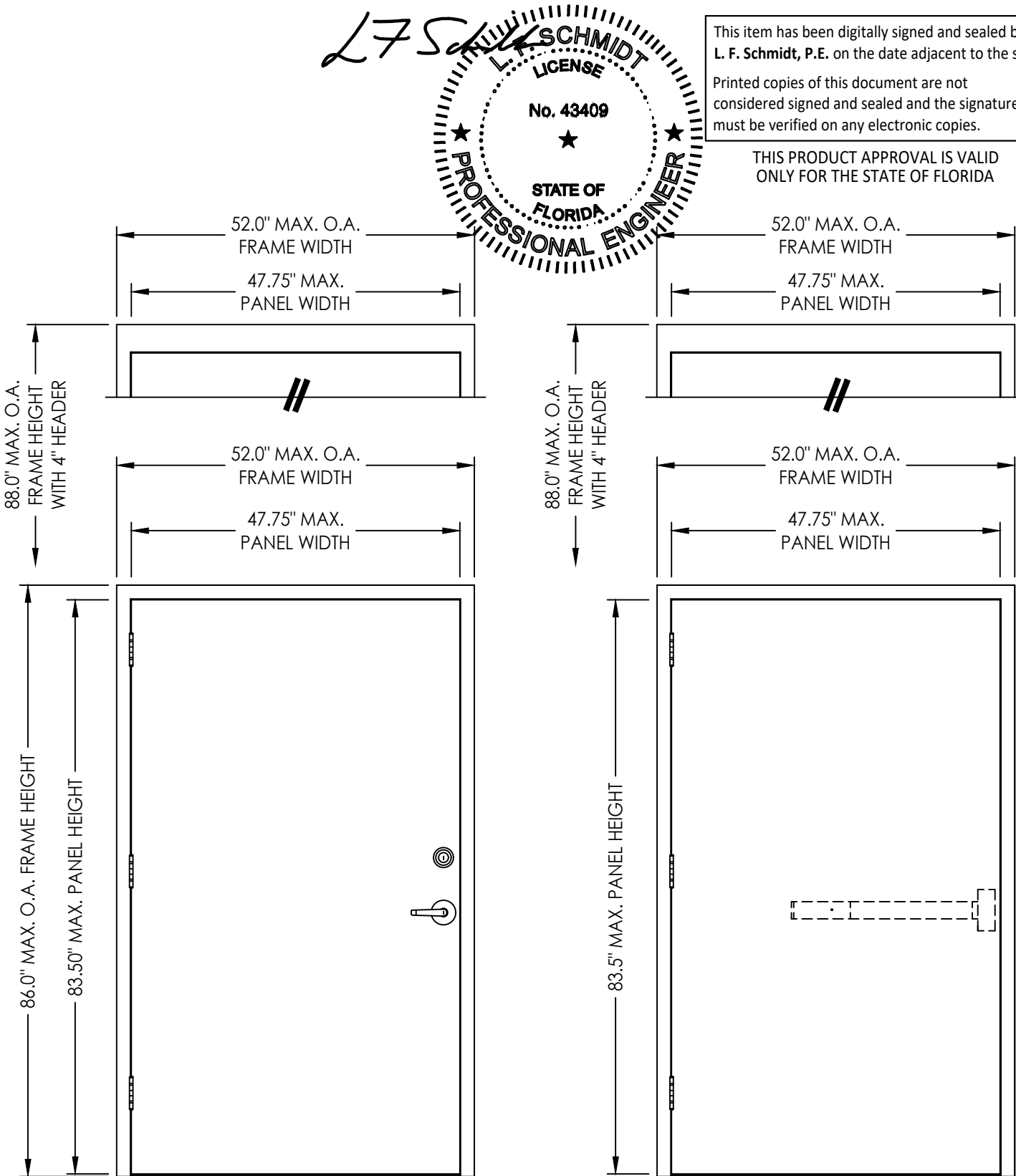


"D" SERIES  
SINGLE OPAQUE DOOR  
"IMPACT"  
OUTSWING

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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13.
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 elevation, design pressures & general notes |
| 2                 | Door panel details                                  |
| 3                 | Horizontal cross sections                           |
| 4                 | Horizontal cross sections                           |
| 5                 | Horizontal cross sections                           |
| 6                 | Vertical cross sections                             |
| 7                 | Frame anchoring                                     |
| 8                 | Anchoring details                                   |
| 9                 | Components                                          |
| 10                | Bill of materials and components                    |



| FRAME TYPE | OVERALL FRAME DIMENSION | LOCK TYPE                                                                | DESIGN PRESSURE (PSF) |          |
|------------|-------------------------|--------------------------------------------------------------------------|-----------------------|----------|
|            |                         |                                                                          | POSITIVE              | NEGATIVE |
| 2" HEAD    | 52.0" x 86.0"           | 161 LATCH & DEADBOLT (DESIGN HARDWARE) OR PANIC EXIT DEVICE (VON DUPRIN) | +55.0                 | -55.0    |
| 4" HEAD    | 52.0" x 88.0"           |                                                                          |                       |          |

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

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

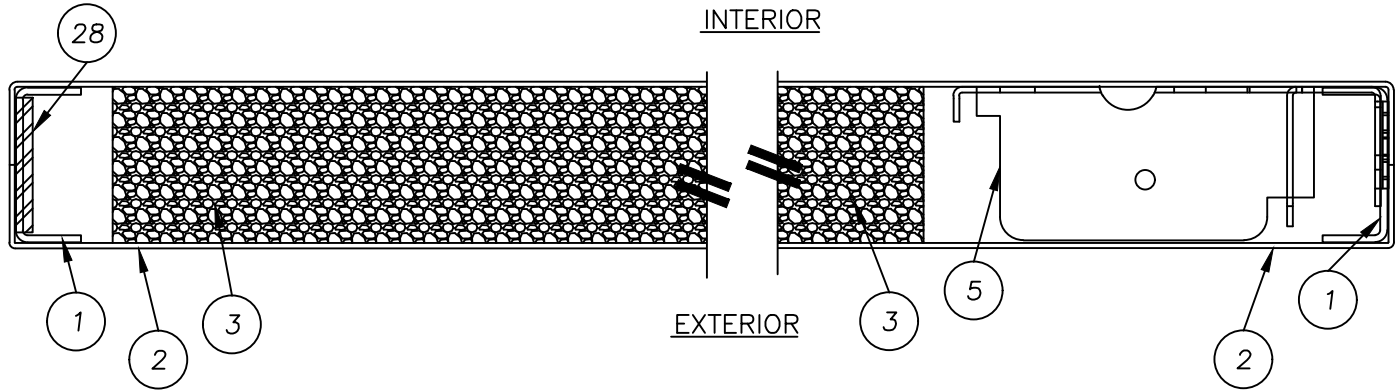
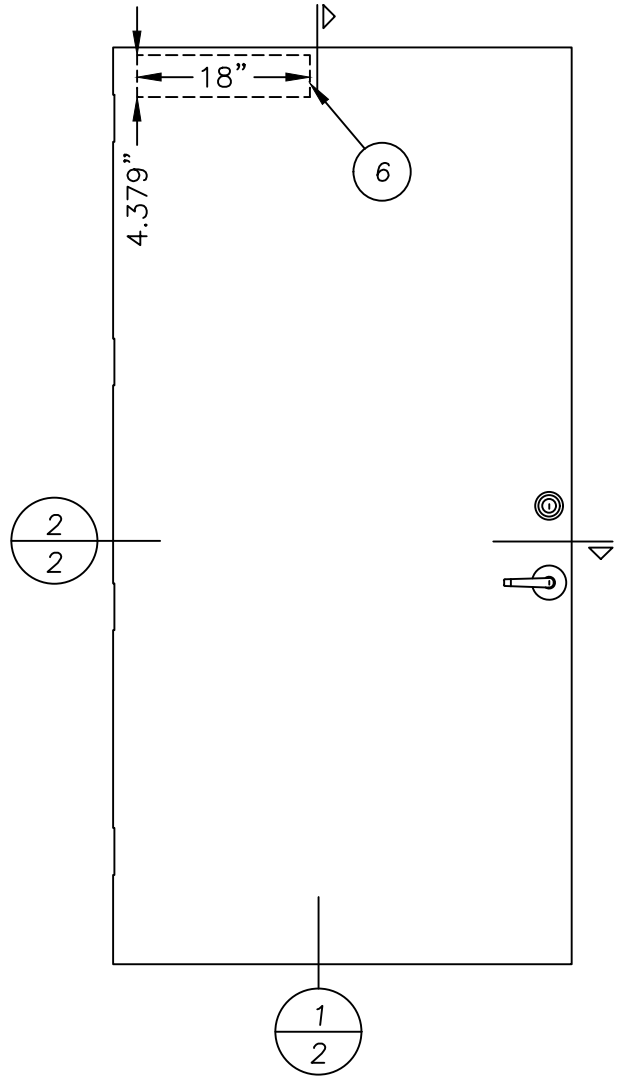
PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" PANELS "IMPACT"

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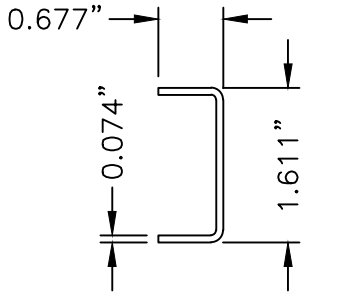
DATE: 11/10/22  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: FL-41788.12  
SHEET 1 OF 10

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

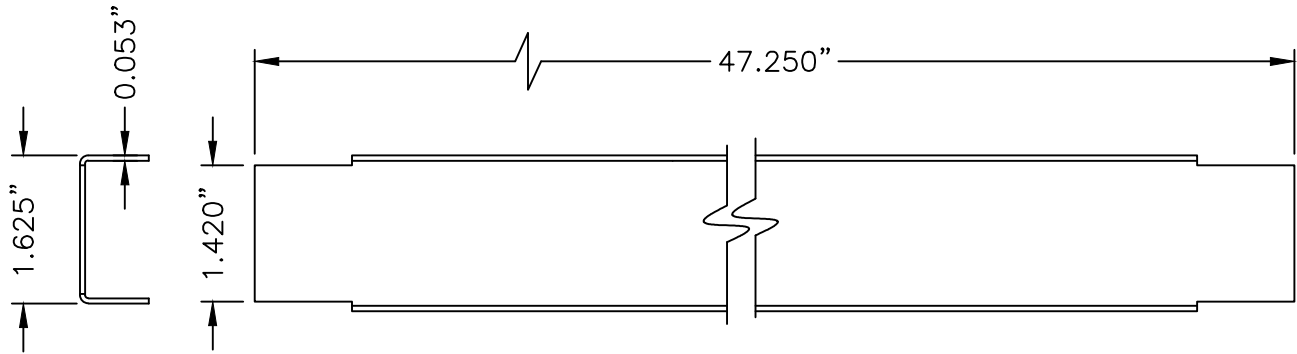
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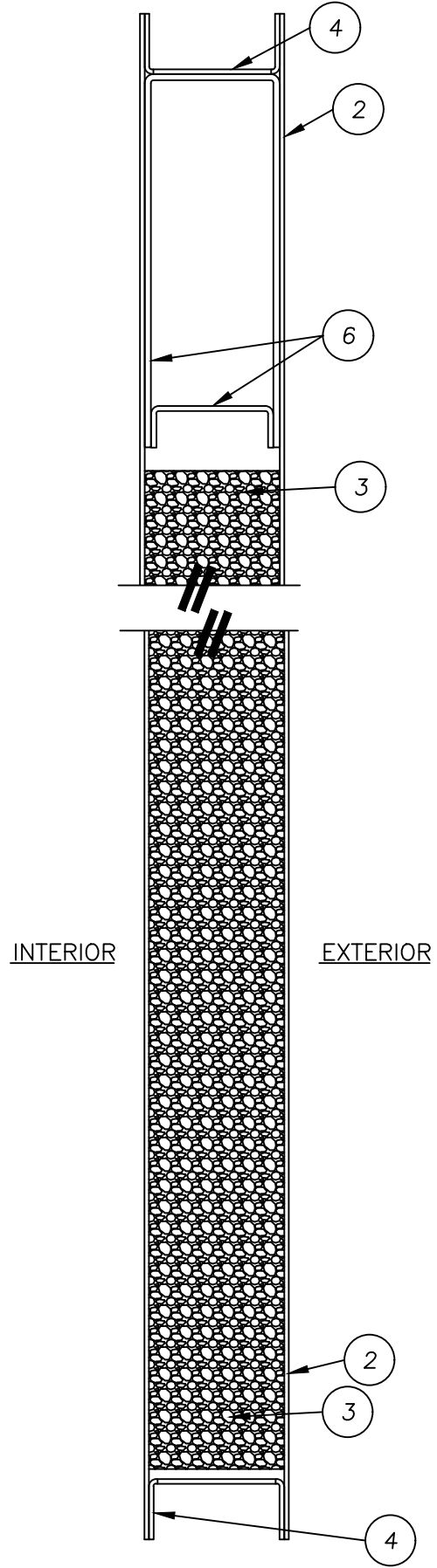
2/2 HORIZONTAL CROSS SECTION



1 DOOR STILE EDGE REINFORCEMENT



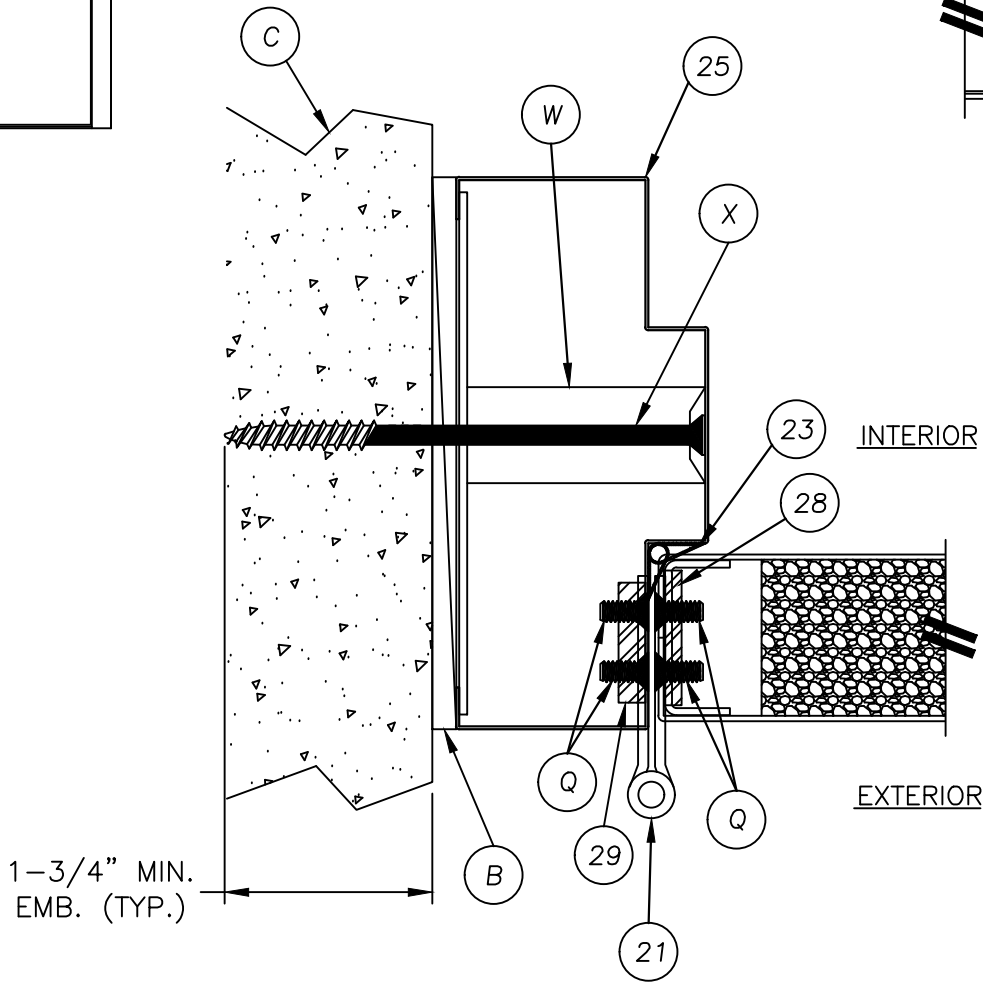
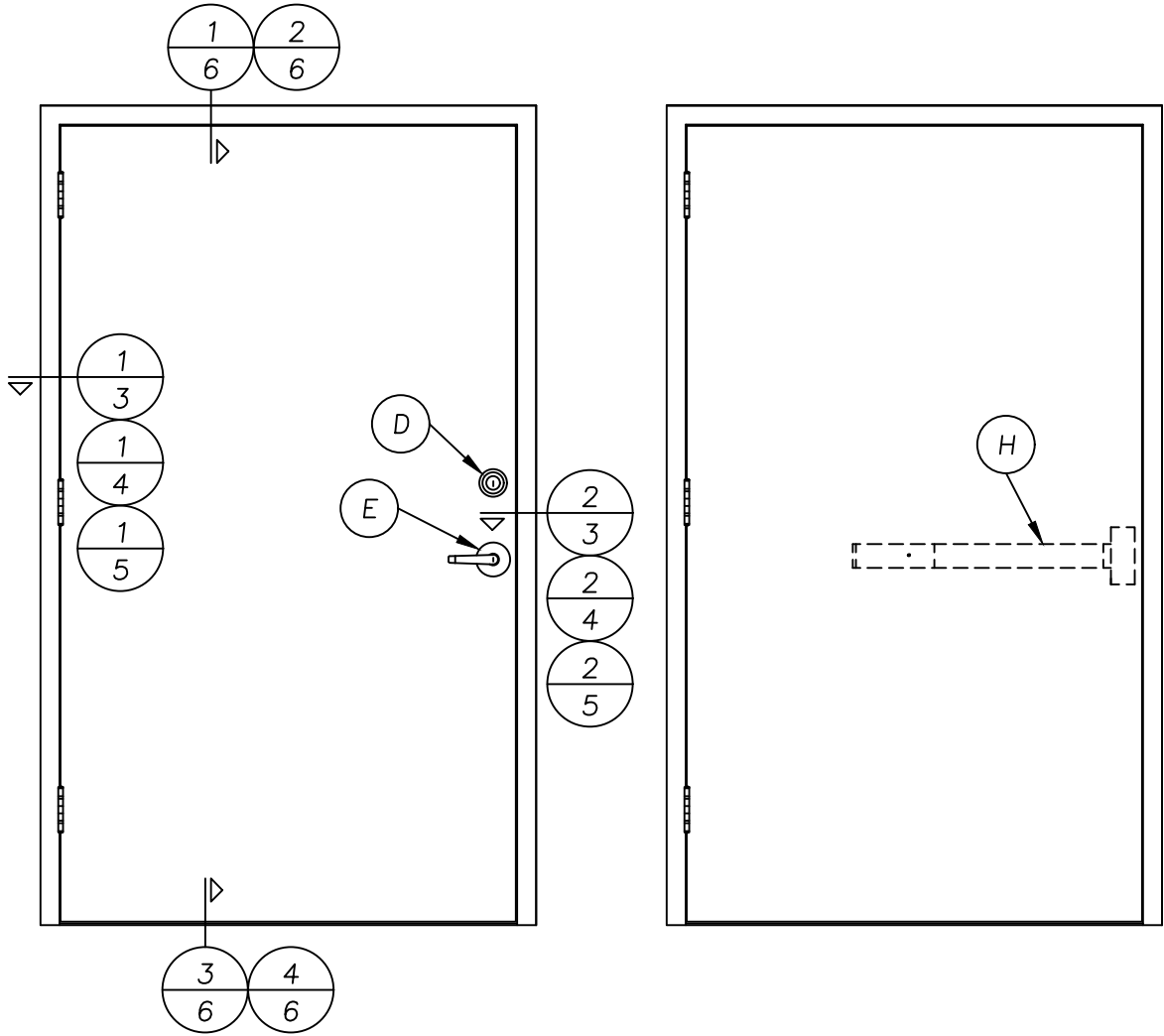
4 DOOR TOP & BOTTOM CLOSER 16GA. (.053) C.R.S.



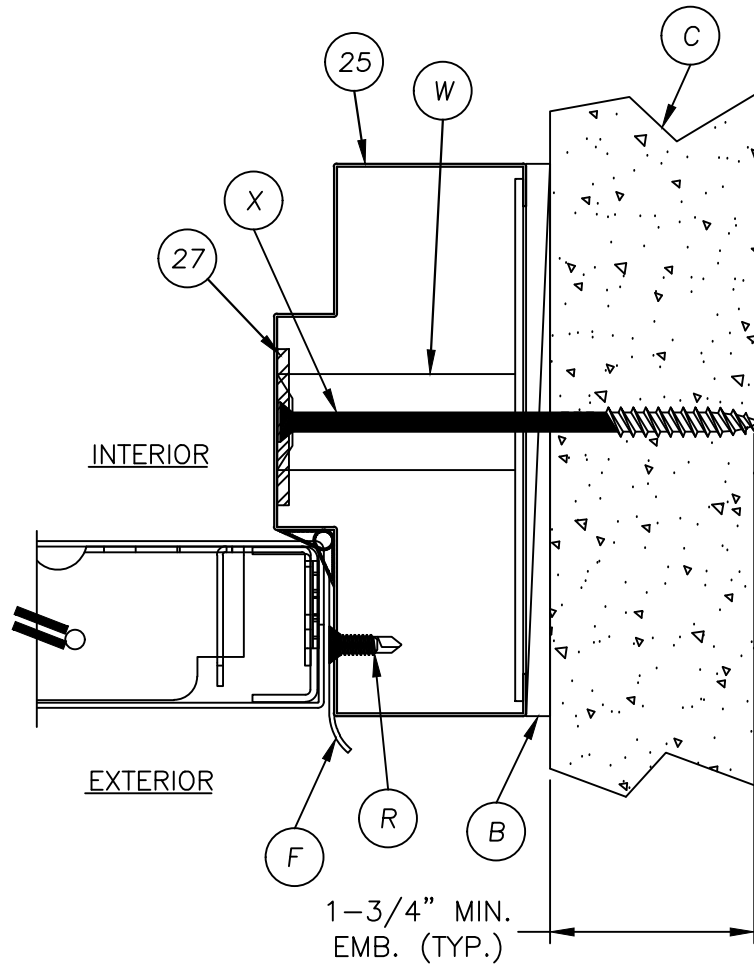
1/2 VERTICAL CROSS SECTION

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| 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>PREMIER PRODUCTS, INC.<br>"D" PANELS "IMPACT"     |  |  |  |  |  |  |  |  |  | PART OR ASSEMBLY:<br>DOOR PANEL DETAILS                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                               |  |  |  |  |  |  |  |  |  |                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Z:\2023 FBC Drawings\Premier Products, Inc\FL-41788 R2\FL-41788-10.12.14.dwg



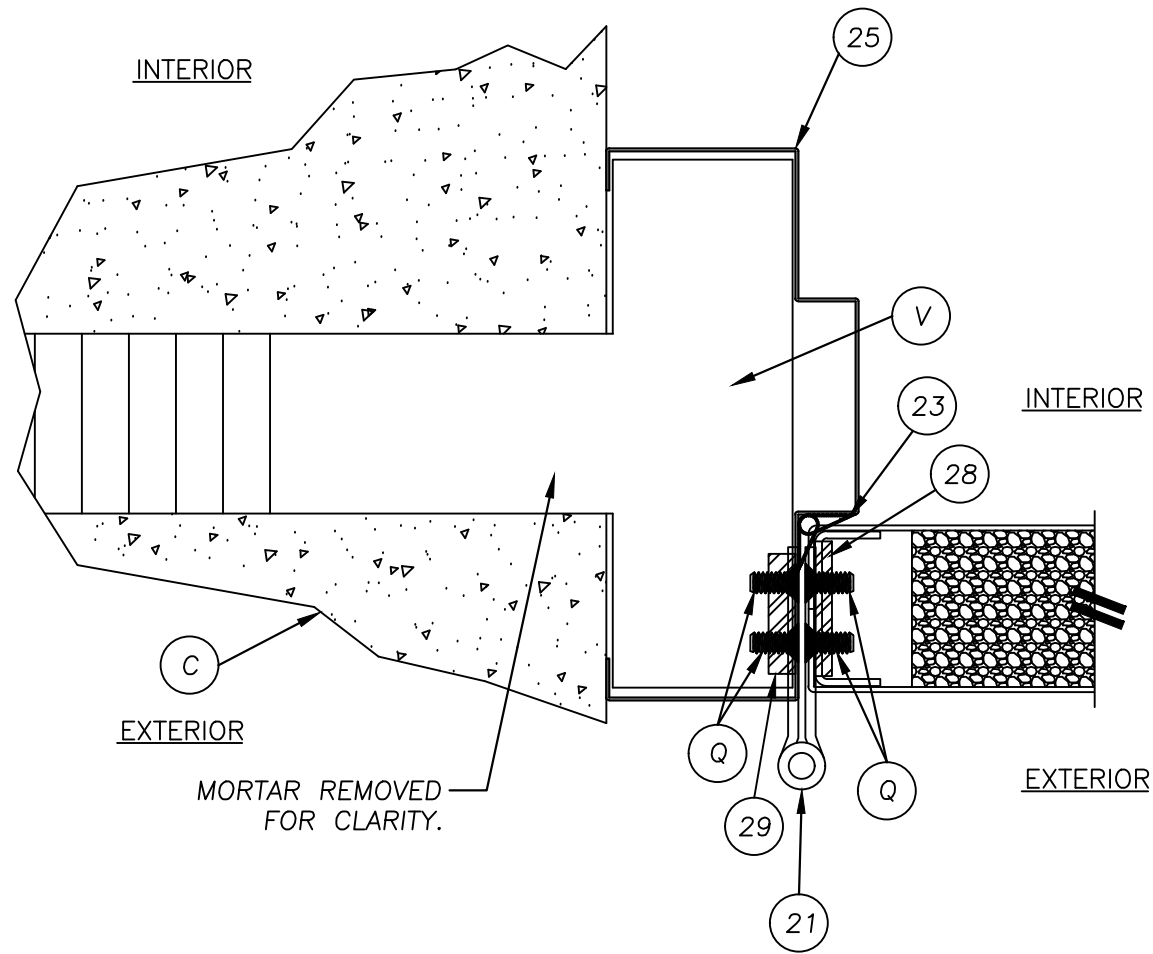
1 HORIZONTAL CROSS SECTION  
@ HINGE  
SHOWN WITH TUBE ANCHOR



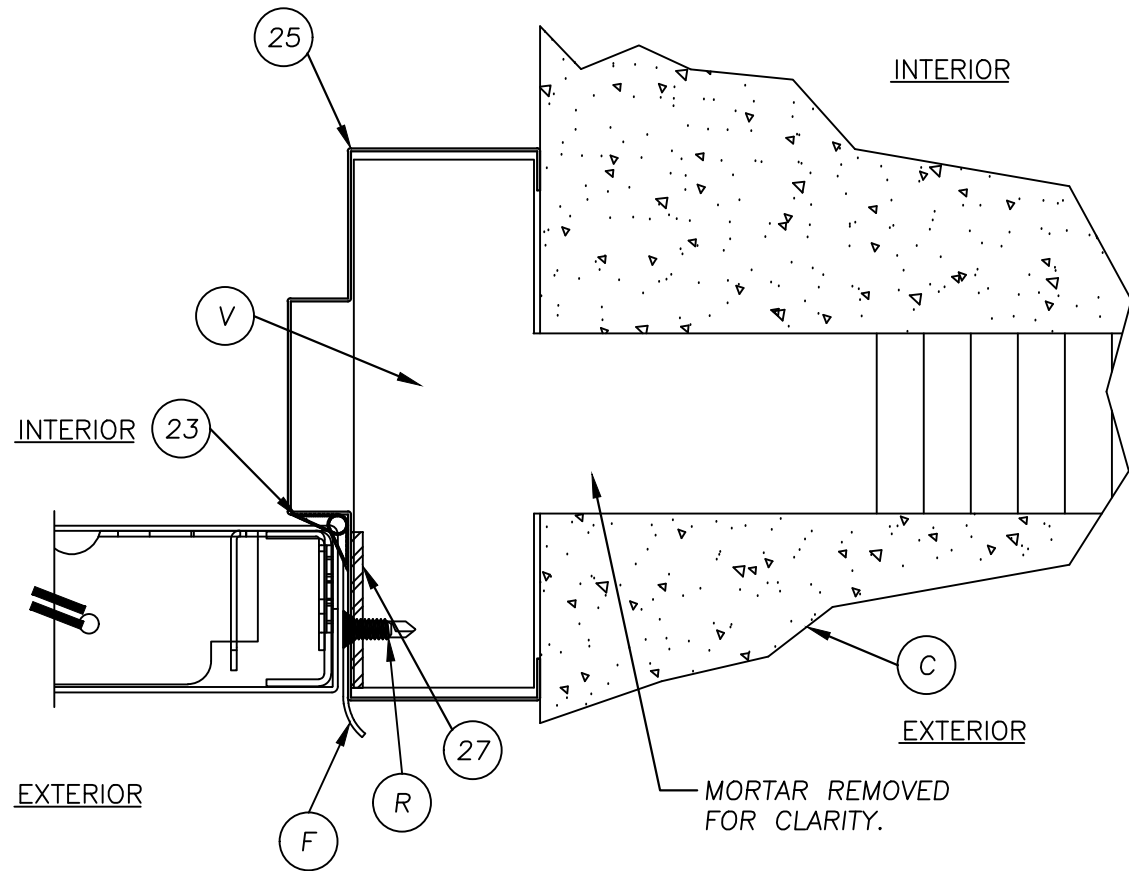
2 HORIZONTAL CROSS SECTION  
@ HINGE  
SHOWN WITH TUBE ANCHOR

|                                                         |  |  |  |                                                                                                           |  |  |  |
|---------------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------------------------------|--|--|--|
| DATE: 11/10/22                                          |  |  |  | REVISIONS                                                                                                 |  |  |  |
| SCALE: N.T.S.                                           |  |  |  |                                                                                                           |  |  |  |
| DWG. BY: LFS                                            |  |  |  |                                                                                                           |  |  |  |
| CHK. BY: RW                                             |  |  |  |                                                                                                           |  |  |  |
| DRAWING NO.: FL-41788.12                                |  |  |  |                                                                                                           |  |  |  |
| SHEET 3 OF 10                                           |  |  |  |                                                                                                           |  |  |  |
| PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "IMPACT"     |  |  |  | PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS                                                               |  |  |  |
| 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 |  |  |  |

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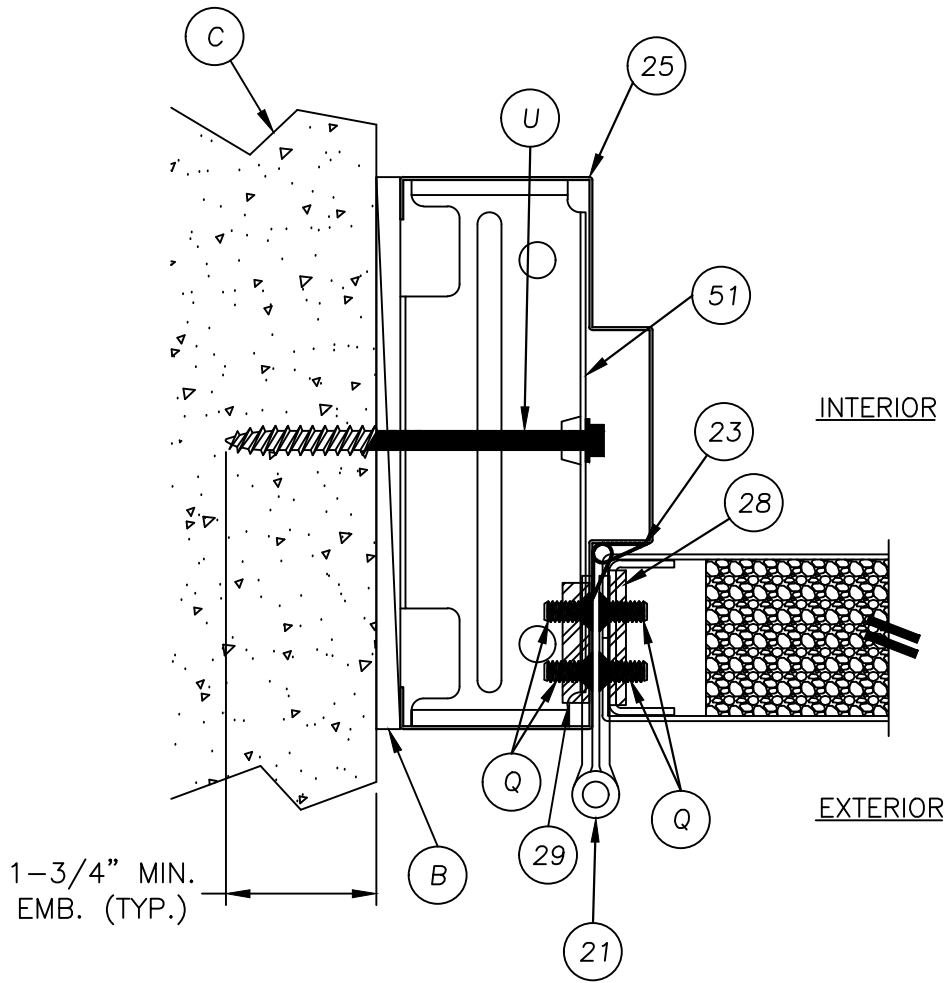
1 HORIZONTAL CROSS SECTION  
4 @ LATCH  
SHOWN WITH TEE ANCHOR



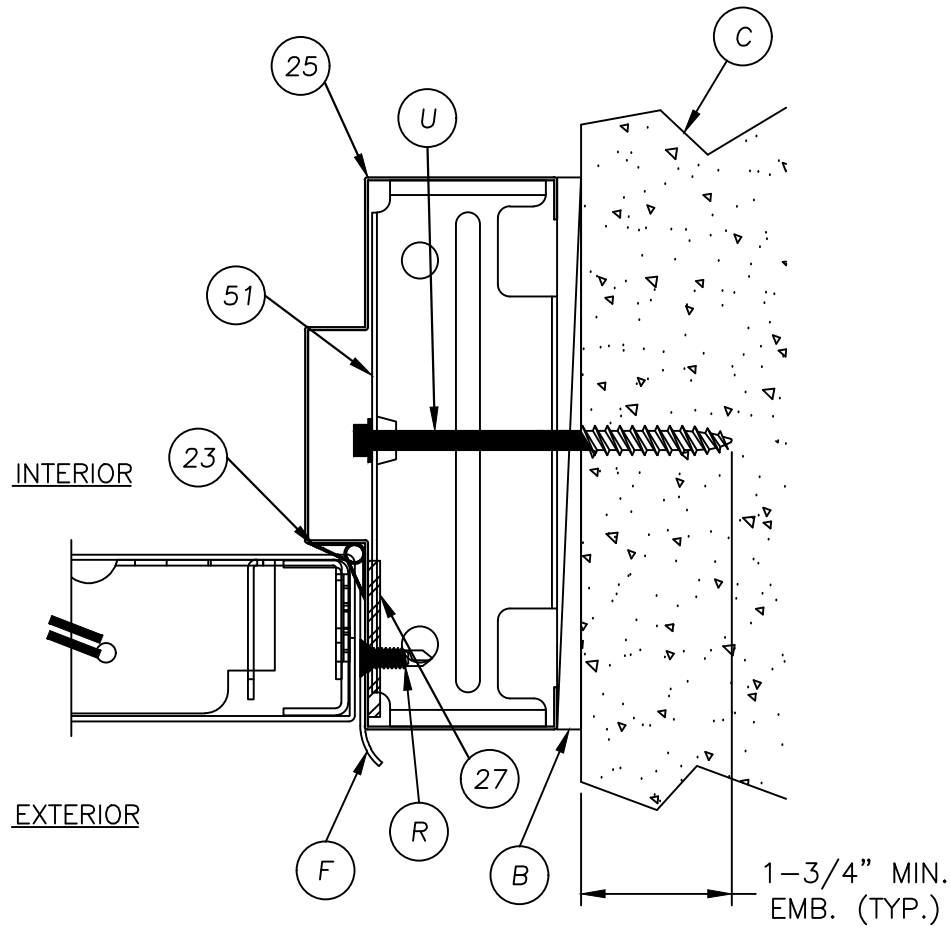
2 HORIZONTAL CROSS SECTION  
4 @ LATCH  
SHOWN WITH TEE ANCHOR

|                          |         |     |                              |                                                                                                                    |  |  |  |
|--------------------------|---------|-----|------------------------------|--------------------------------------------------------------------------------------------------------------------|--|--|--|
| DATE: 11/10/22           |         |     |                              | DOCUMENTS PREPARED BY:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                      |  |  |  |
| SCALE: N.T.S.            |         |     |                              | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |  |  |
| DWG. BY: LFS             |         |     |                              | R.W.                                                                                                               |  |  |  |
| CHK. BY: RW              |         |     |                              | PREMIER PRODUCTS, INC.<br>"D" PANELS "IMPACT"                                                                      |  |  |  |
| DRAWING NO.: FL-41788.12 |         |     |                              | PART OR ASSEMBLY:<br>HORIZONTAL CROSS SECTIONS                                                                     |  |  |  |
| SHEET 4 OF 10            |         |     |                              | REVISIONS                                                                                                          |  |  |  |
| NO.                      | DATE    | BY  | DESCRIPTION                  |                                                                                                                    |  |  |  |
| 1                        | 8/21/23 | LFS | UPDATE TO 8TH ED. (2023) FBC |                                                                                                                    |  |  |  |

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1 HORIZONTAL CROSS SECTION  
5 @ LATCH  
SHOWN WITH UNIVERSAL ANCHOR



2 HORIZONTAL CROSS SECTION  
5 @ LATCH  
SHOWN WITH UNIVERSAL ANCHOR

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:  
FL-41788.12

SHEET 5 OF 10

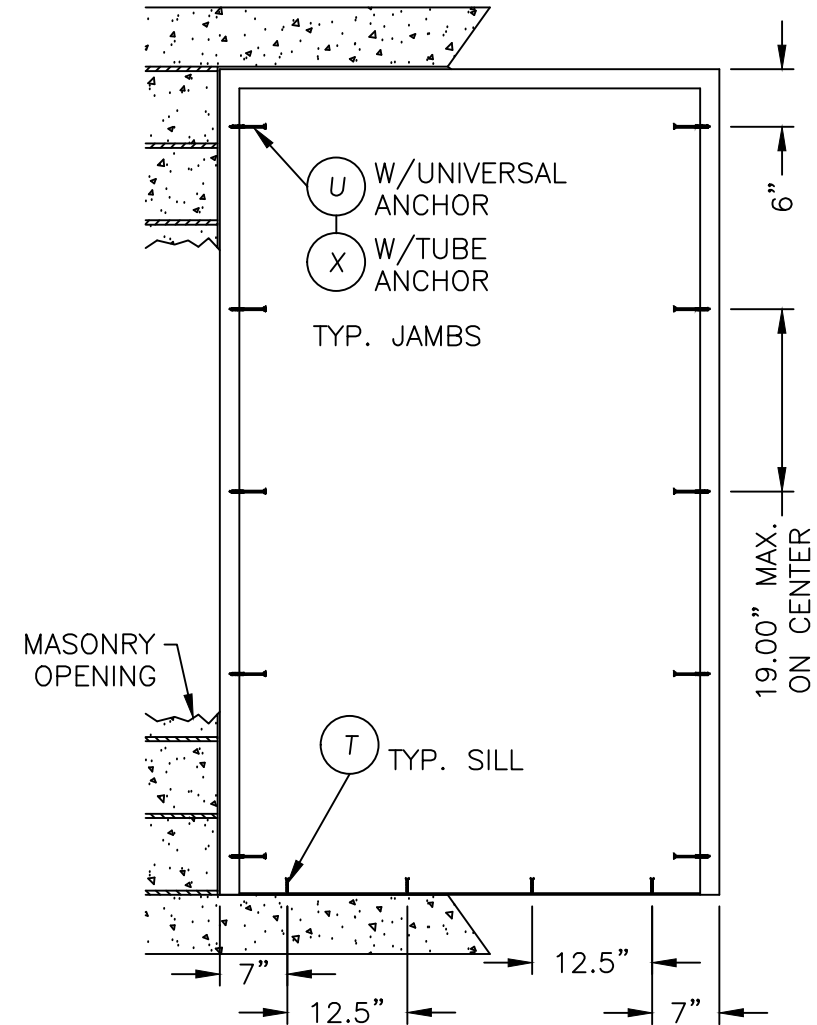
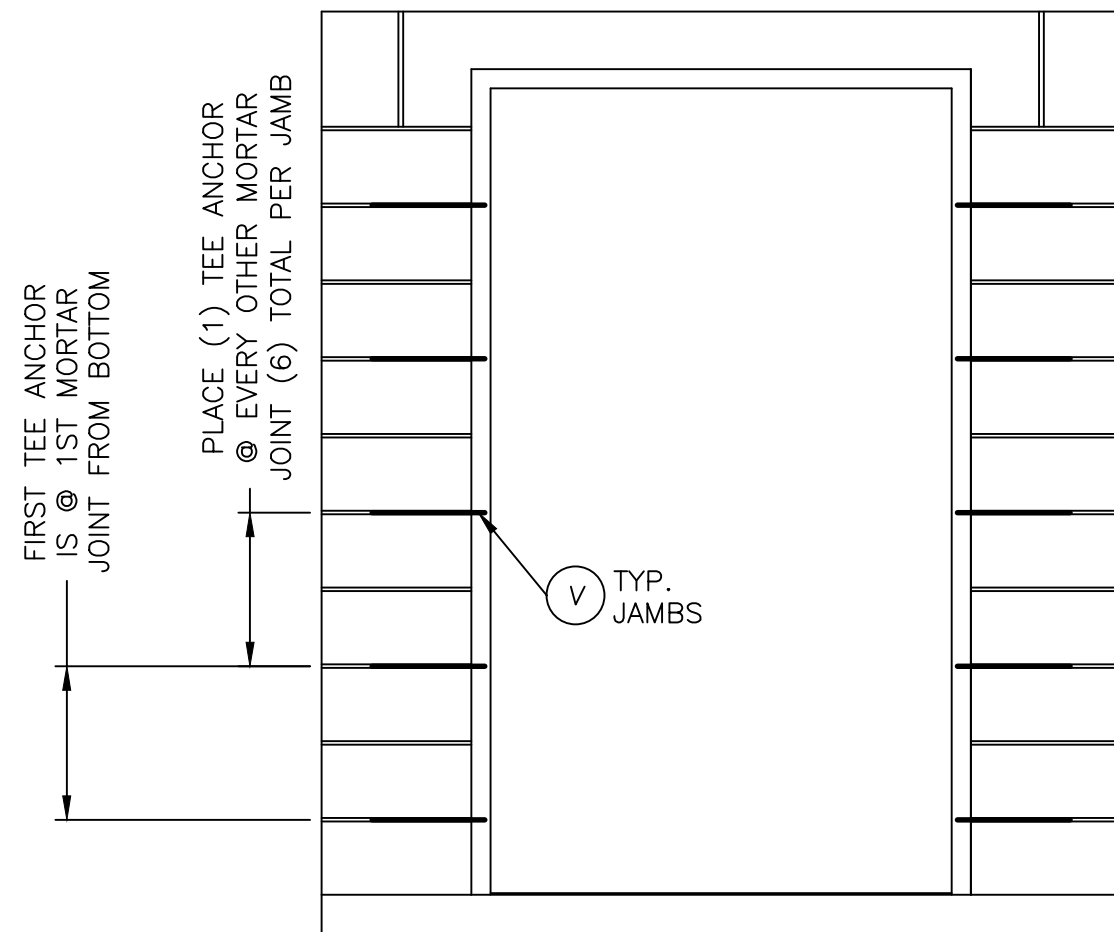
PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" PANELS "IMPACT"

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

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

[illegible]



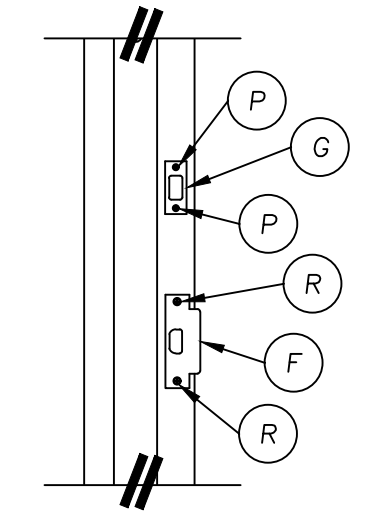
### CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

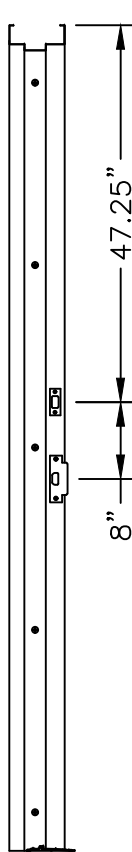
| <b>ANCHOR<br/>TYPE</b>      | <b>ANCHOR<br/>SIZE</b> | <b>MIN.<br/>EMBEDMENT</b> | <b>MIN. CLEARANCE<br/>TO MASONRY<br/>EDGE</b> | <b>MIN. CLEARANCE<br/>TO ADJACENT<br/>ANCHOR</b> |
|-----------------------------|------------------------|---------------------------|-----------------------------------------------|--------------------------------------------------|
| <b>ITW<br/>TAPCON®</b>      | <b>1/4"</b>            | <b>1-1/4"</b>             | <b>2-1/2"</b>                                 | <b>4"</b>                                        |
| <b>DeWALT<br/>ULTRACON®</b> | <b>1/4"</b>            | <b>1-1/4"</b>             | <b>2-1/2"</b>                                 | <b>4"</b>                                        |
| <b>ITW<br/>TAPCON® XL</b>   | <b>5/16"</b>           | <b>1-3/4"</b>             | <b>2-1/2"</b>                                 | <b>5"</b>                                        |
| <b>DeWALT<br/>ULTRACON®</b> | <b>5/16"</b>           | <b>1-3/4"</b>             | <b>3-1/8"</b>                                 | <b>5"</b>                                        |

4. Embedment may be through 1-1/4" face shell of hollow block.

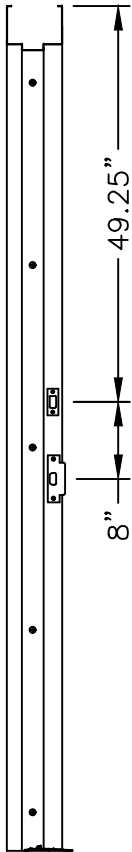
[illegible]



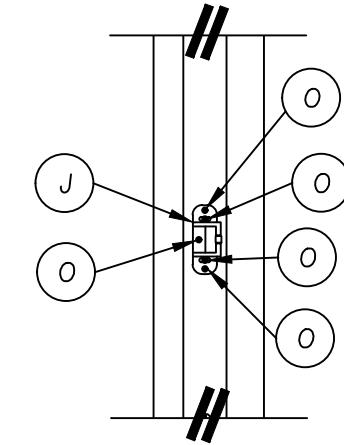
STRIKE PLATE DETAIL  
ANSI STRIKE & DEADBOLT



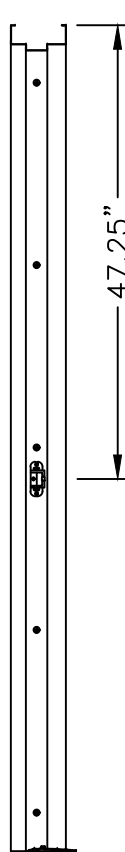
STRIKE PLATE  
LOCATIONS 2" HEAD



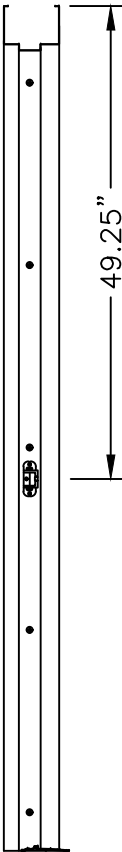
STRIKE PLATE  
LOCATIONS 4" HEAD



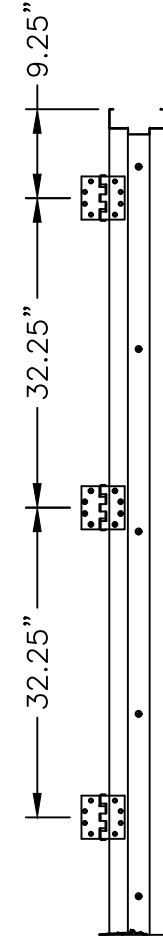
### RIM STRIKE DETAIL



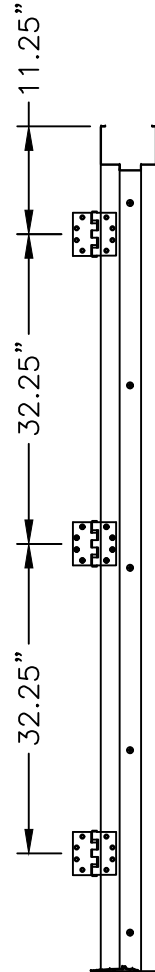
STRIKE PLATE  
LOCATION 2" HEAD



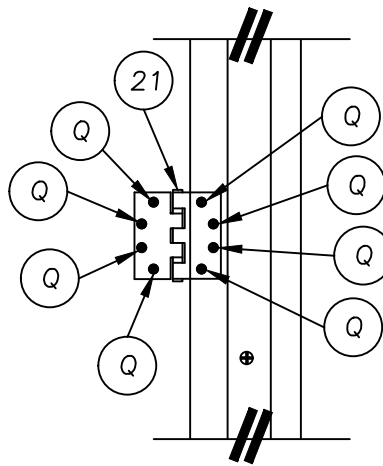
STRIKE PLATE  
LOCATION 4" HEAD



HINGE LOCATIONS  
2" HEAD



HINGE LOCATIONS  
4" HEAD



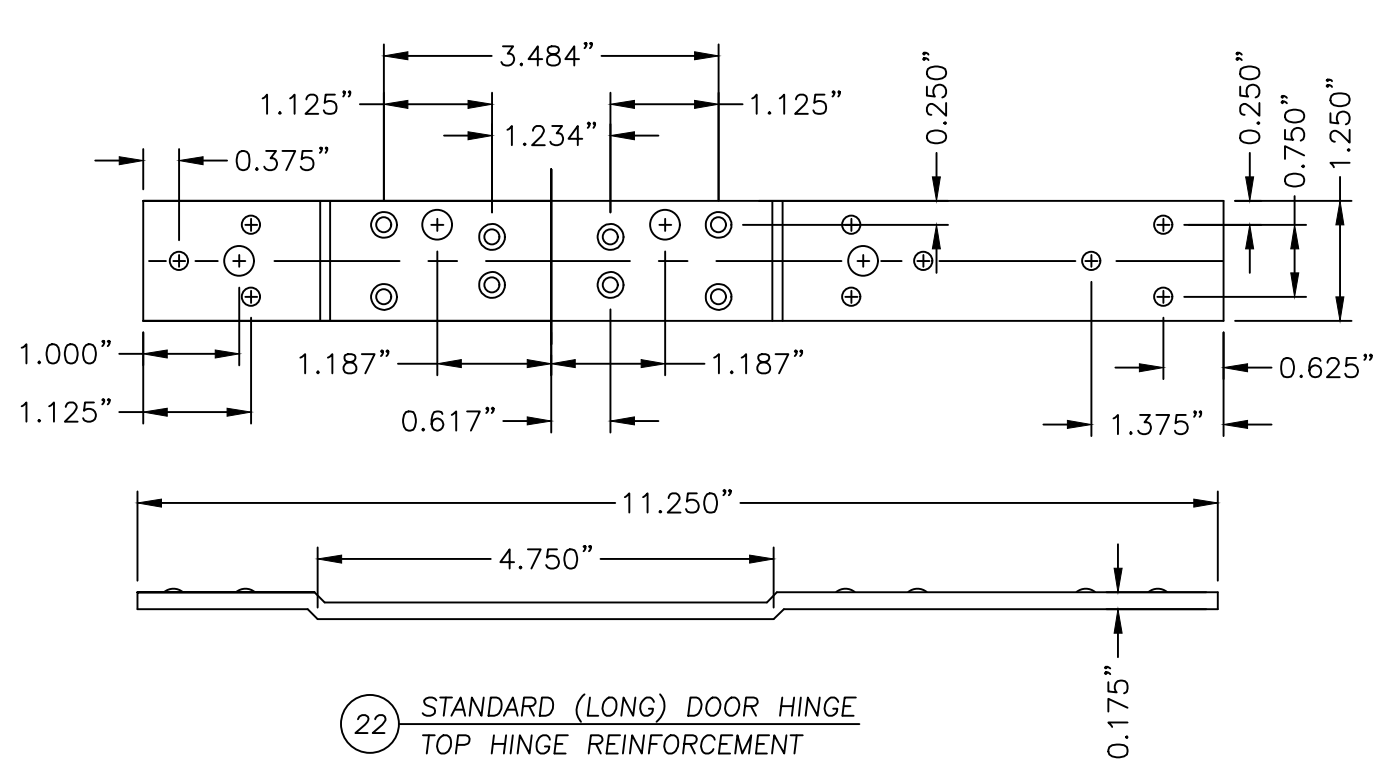
## HINGE DETAIL

[illegible]

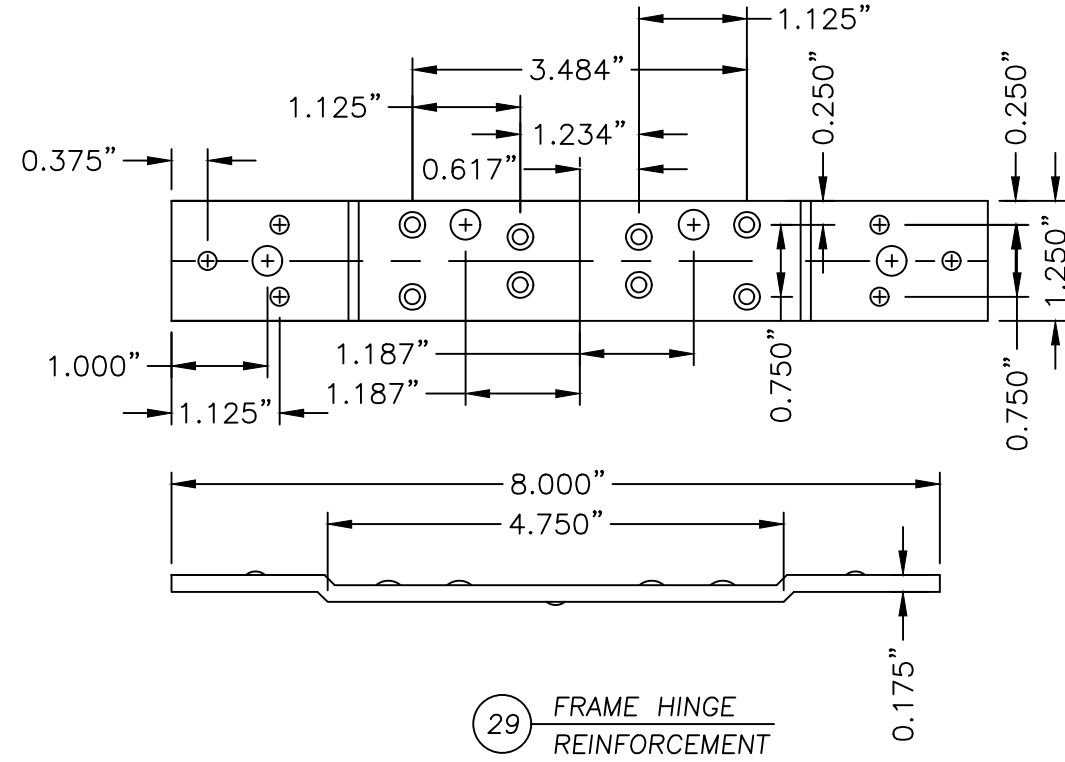
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

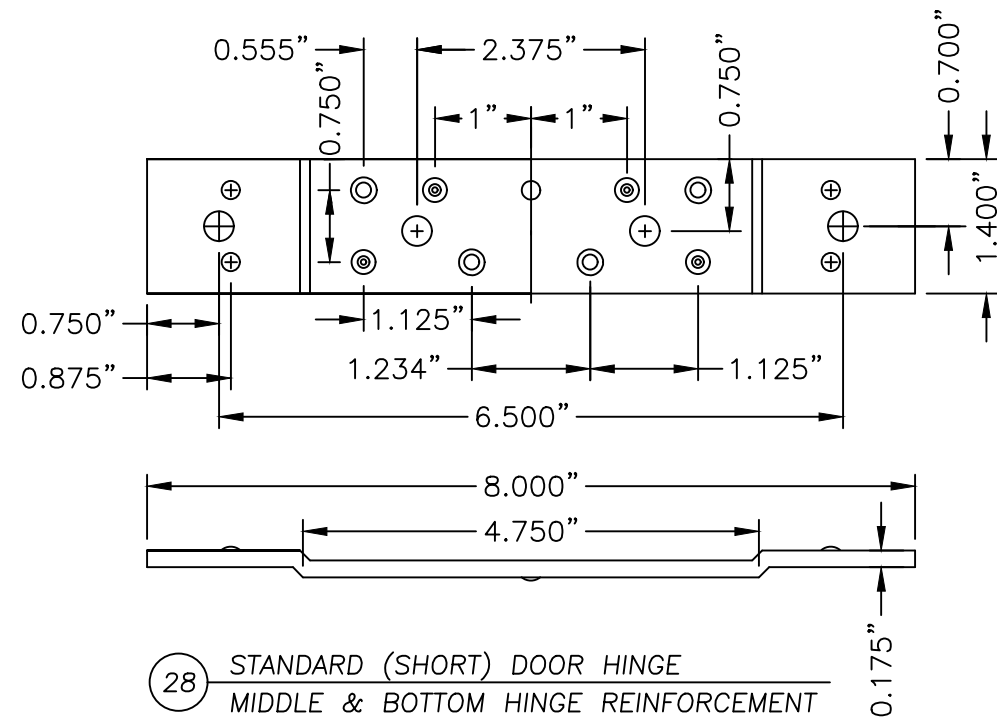
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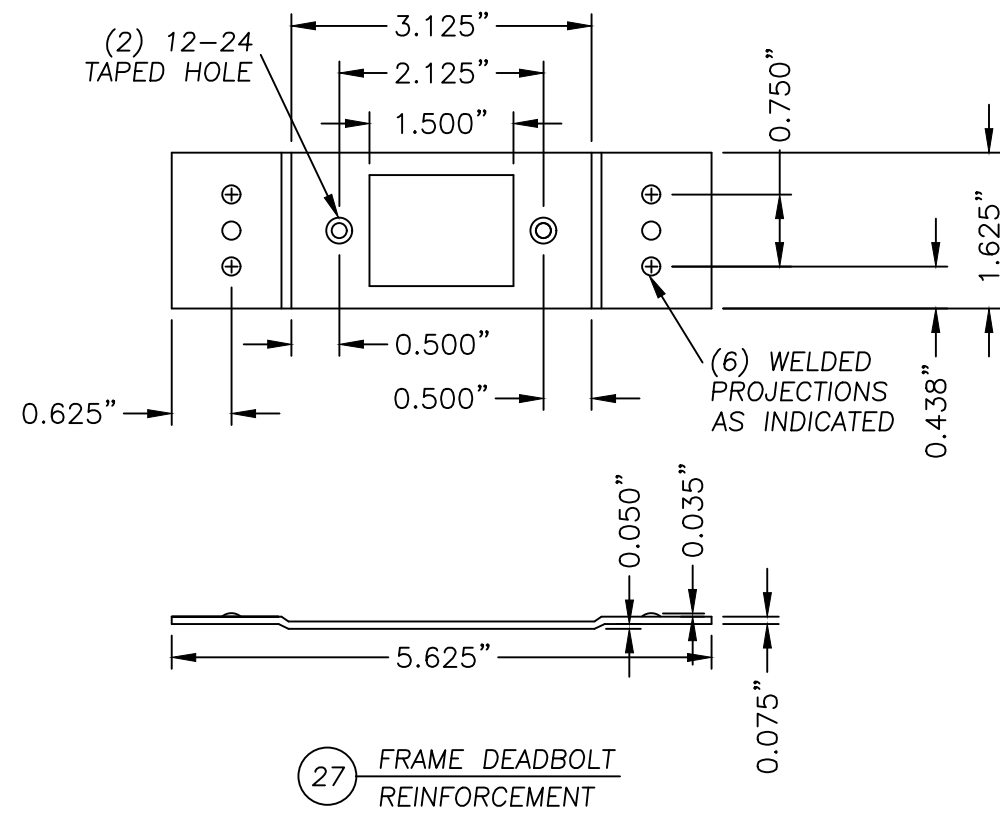
22 STANDARD (LONG) DOOR HINGE  
TOP HINGE REINFORCEMENT



29 FRAME HINGE  
REINFORCEMENT



28 STANDARD (SHORT) DOOR HINGE  
MIDDLE & BOTTOM HINGE REINFORCEMENT



27 FRAME DEADBOLT  
REINFORCEMENT

Documents Prepared By:

Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" PANELS "IMPACT"

PART OR ASSEMBLY:  
COMPONENTS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC |
|     |         | LFS                          |
|     |         | BY                           |

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

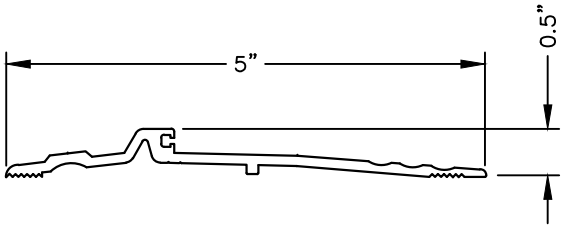
DRAWING NO.: FL-41788.12

SHEET 9 OF 10

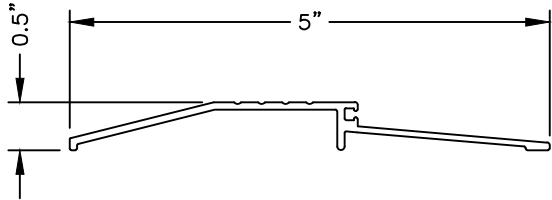
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
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Z:\2023 FBC Drawings\Premier Products, Inc\FL-41788 R2\FL-41788.10.12.14.dwg

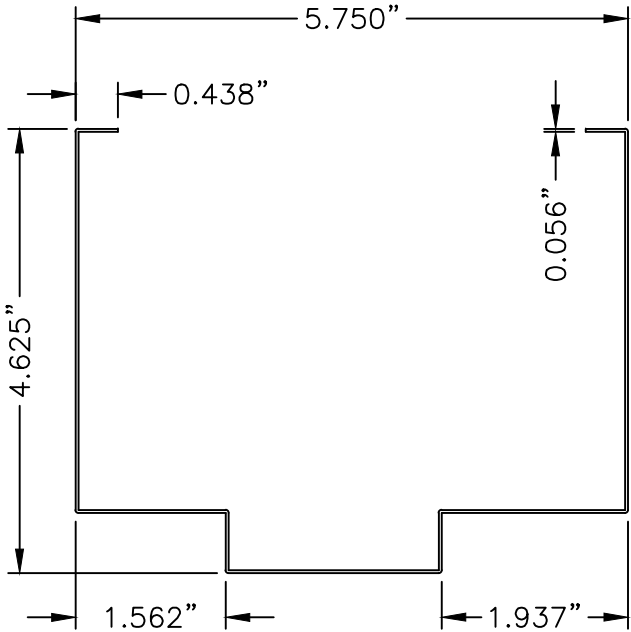
| BILL OF MATERIALS |                                                                                      |             |
|-------------------|--------------------------------------------------------------------------------------|-------------|
| ITEM              | DESCRIPTION                                                                          | MATERIAL    |
| B                 | 1/4" MAX. SHIM SPACE                                                                 | WOOD        |
| C                 | 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE    |
| D                 | DESIGN HARDWARE D2-SERIES DEADBOLT                                                   | STEEL       |
| E                 | DESIGN HARDWARE X-SERIES LATCH (161 PREP)                                            | STEEL       |
| F                 | LATCH STRIKE PLATE                                                                   | BRASS       |
| G                 | DEADBOLT STRIKE PLATE                                                                | STEEL       |
| H                 | VON DUPRIN 99 SERIES RIM PANIC HARDWARE                                              | STEEL       |
| J                 | RIM PANIC STRIKE PLATE                                                               | STEEL       |
| O                 | #12 X 1" H.H. SELF TAPPING SCREW                                                     | STEEL       |
| P                 | #8 X 3/4" PFH SCREW                                                                  | STEEL       |
| Q                 | #12 X 1/2" MACHINE SCREW                                                             | STEEL       |
| R                 | #12 X 3/4" PFH SELF TAPPING MACHINE SCREW                                            | STEEL       |
| T                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                       | STEEL       |
| U                 | 5/16" X 4" HWH DeWALT OR ITW CONCRETE SCREW                                          | STEEL       |
| V                 | MASONRY 'TEE' ANCHOR (PFMT5)                                                         | STEEL       |
| W                 | TUBE ANCHOR                                                                          | STEEL       |
| X                 | 5/16" X 5" PFH DeWALT OR ITW CONCRETE SCREW                                          | STEEL       |
| 1                 | DOOR STILE EDGE REINFORCEMENT                                                        | STEEL       |
| 2                 | DOOR SKIN 16GA (0.055" THK. STEEL, Fy = 40,317 PSI MIN.)                             | STEEL       |
| 3                 | FOAM (D DOOR) 1.0 PCF MIN. DENSITY                                                   | POLYSTYRENE |
| 4                 | DOOR TOP & BOTTOM CLOSER                                                             | STEEL       |
| 5                 | LOCK BOX REINFORCEMENT                                                               | STEEL       |
| 6                 | CLOSER REINFORCEMENT                                                                 | STEEL       |
| 21                | HINGE                                                                                | STEEL       |
| 22                | STD. (LONG) DOOR HINGE REIN. (TOP HINGE PDNLHR 450)                                  | STEEL       |
| 23                | WEATHERSTRIP                                                                         | FOAM        |
| 24                | THRESHOLD WEATHERSTRIP (NATIONAL GUARD PRODUCTS, INC. ITEM #33)                      | VINYL       |
| 25                | FRAME 5-3/4" MIN. WITH 2" HEAD                                                       | STEEL       |
| 26                | FRAME 5-3/4" MIN. WITH 4" HEAD                                                       | STEEL       |
| 27                | 14GA. (.075") C.R.S. 161 DEADBOLT FRAME REINFORCEMENT (PFDBR4)                       | STEEL       |
| 28                | STD. (SHORT) DOOR HINGE REIN.(MIDDLE & BOTTOM) PDNHR450)                             | STEEL       |
| 29                | STD. 4-1/2" FRAME HINGE REINFORCEMENT 7GA.(.175" PF4HR)                              | STEEL       |
| 40                | OUTSWING THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896                                | ALUMINUM    |
| 41                | OUTSWING THRESHOLD NATIONAL GUARD PRODUCTS, INC. #950                                | ALUMINUM    |
| 42                | OUTSWING THRESHOLD PEMKO #2005 V                                                     | ALUMINUM    |
| 44                | 95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.                                       | ALUMINUM    |
| 51                | FRAME REINFORCEMENT                                                                  | STEEL       |



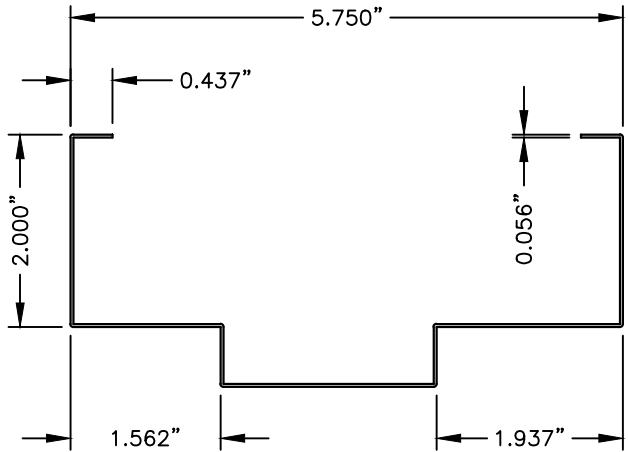
40 THRESHOLD



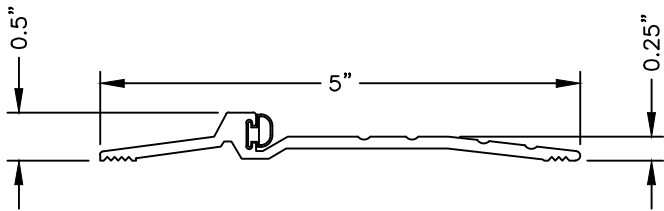
41 THRESHOLD



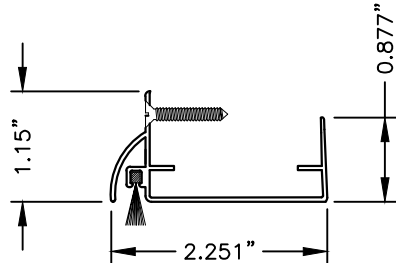
26 FRAME



25 FRAME



42 THRESHOLD



44 SWEEP

Documents Prepared By:

Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" PANELS "IMPACT"

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DRAWING NO.: FL-41788.12

SHEET 10 OF 10

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