



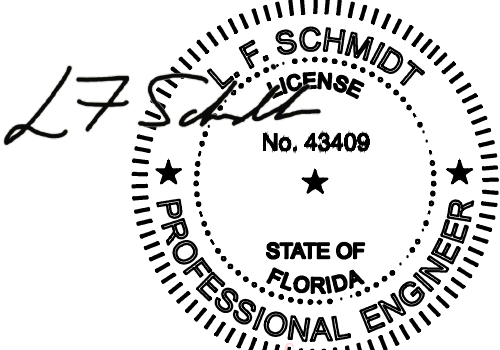
5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045

OPAQUE FIBERGLASS DOUBLE DOOR  
w/ or w/out SIDELITES  
INSWING/ OUTSWING  
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.
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.

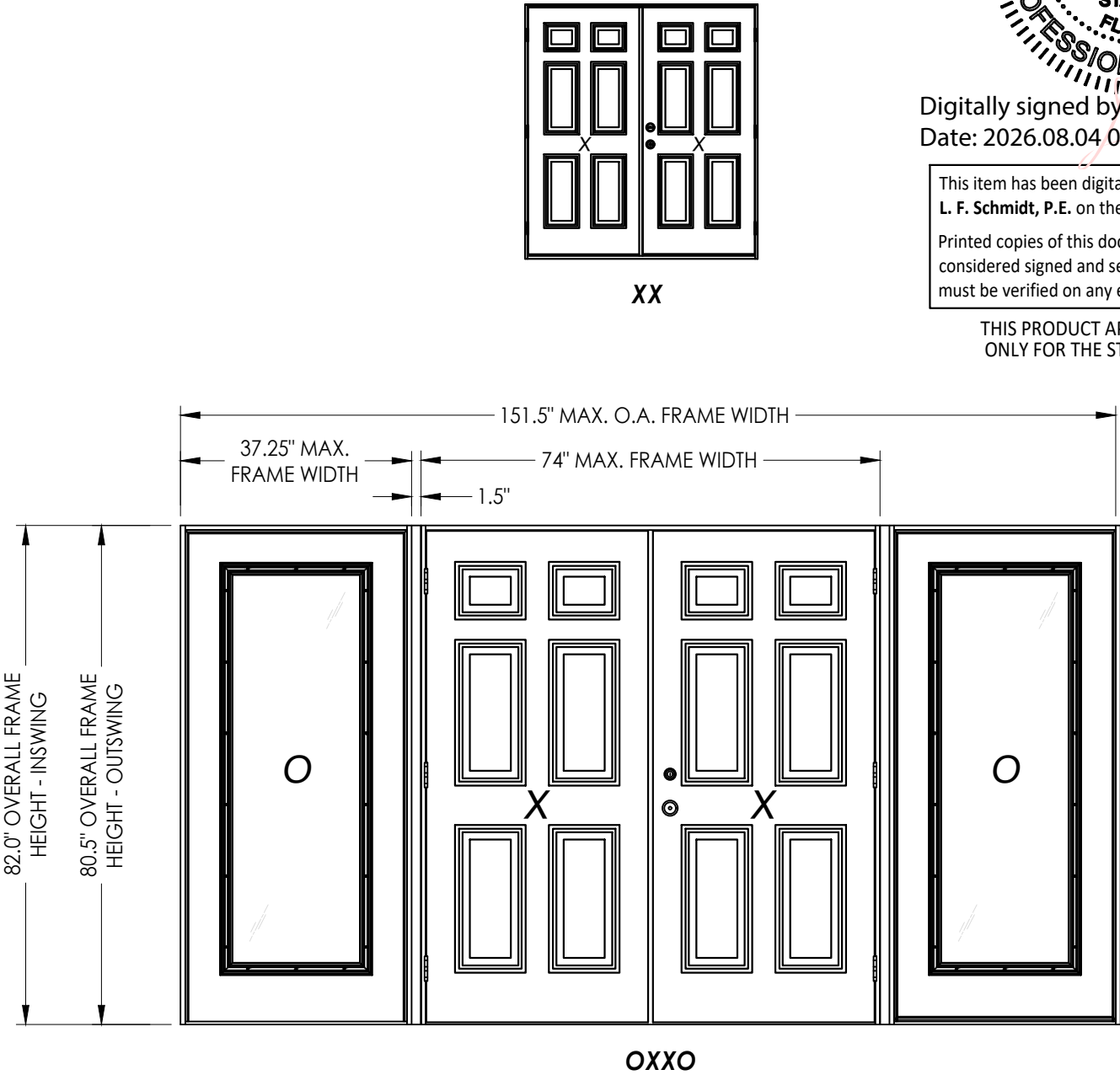
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| 6                 | Vertical cross sections                              |
| 7                 | Vertical cross sections                              |
| 8                 | Buck anchoring                                       |
| 9                 | Frame anchoring                                      |
| 10                | Astragal details                                     |
| 11                | Astragal details                                     |
| 12                | Bill of materials and components                     |



Digitally signed by Lyndon F Schmidt  
Date: 2026.08.04 09:42:45 -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



| CONFIGURATION | MAX. FRAME DIMENSION | MAX. SIDELITE D.L.O. DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|--------------------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      |                                | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| XX            | 74" X 82.0"          | N/A                            | +50.0                         | -50.0    | +50.0                          | -50.0    |
| OXXO          | 151.5" X 82.0"       | 20.63" X 62.63"                | +50.0                         | -50.0    | +50.0                          | -50.0    |

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

PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

77/02/26UPDATE TO 9TH ED. (2026) FBC

68/22/23UPDATE TO 8TH ED. (2023) FBC

510/17/22ADD DLP ASTRAGAL

48/04/20UPDATE TO 7TH ED. (2020) FBC

NO. DATE

REVISIONS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17184.6

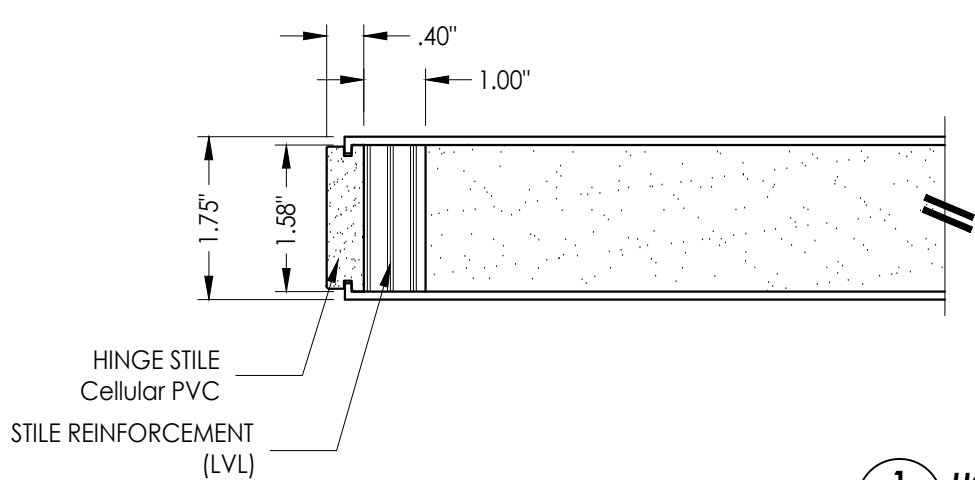
SHEET 1 OF 12

RW

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

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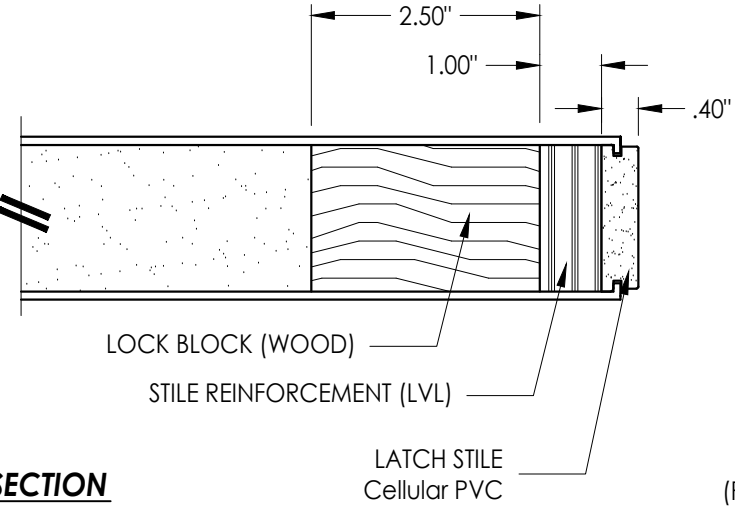
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EXTERIOR

INTERIOR

1  
2 **HORIZONTAL CROSS SECTION**



TOP RAIL  
(COMP.)

FOAM CORE  
(POLYURETHANE -  
1.9 PCF MIN.)

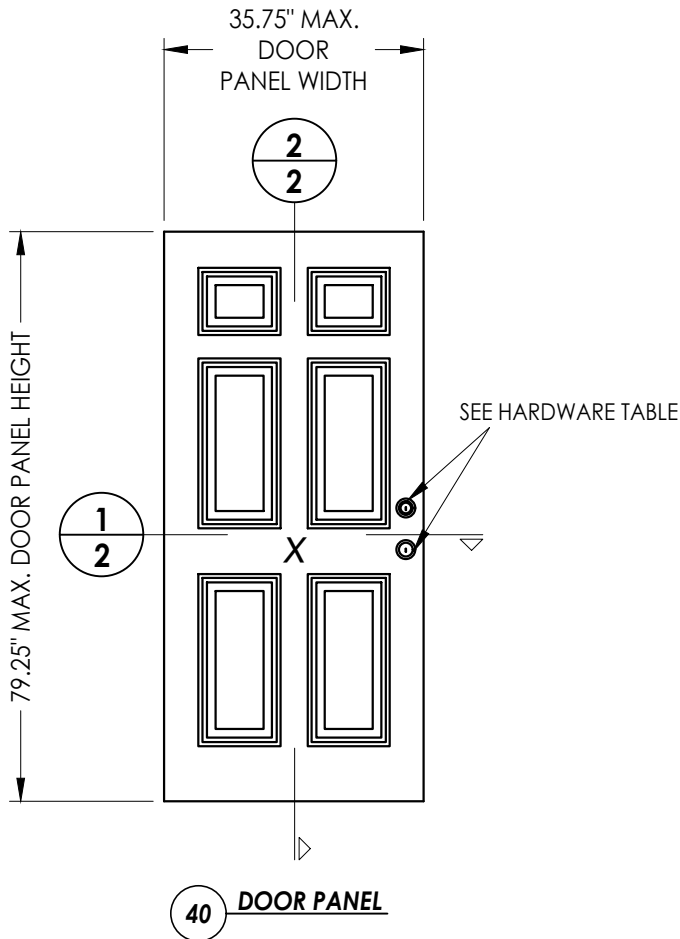
EXTERIOR

INTERIOR

FIBERGLASS SKIN  
(0.075" THICK)

BOTTOM RAIL  
(COMP.)

2  
2 **VERTICAL CROSS SECTION**



40 **DOOR PANEL**

| HARDWARE CHART |           |                           |
|----------------|-----------|---------------------------|
| MANUFACTURER   | MODEL     |                           |
| Kwikset        | LOCK:     | SIGNATURE SERIES          |
|                | DEADBOLT: | SIGNATURE SERIES (780)    |
| Yale           | LOCK:     | YH COLLECTION             |
|                | DEADBOLT: | YH COLLECTION (80 SERIES) |
| Schlage        | KNOB:     | "F" SERIES (F10)          |
|                | DEADBOLT: | "B" SERIES (B60/62)       |

Documents Prepared By:  
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P.E. No. 43409

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

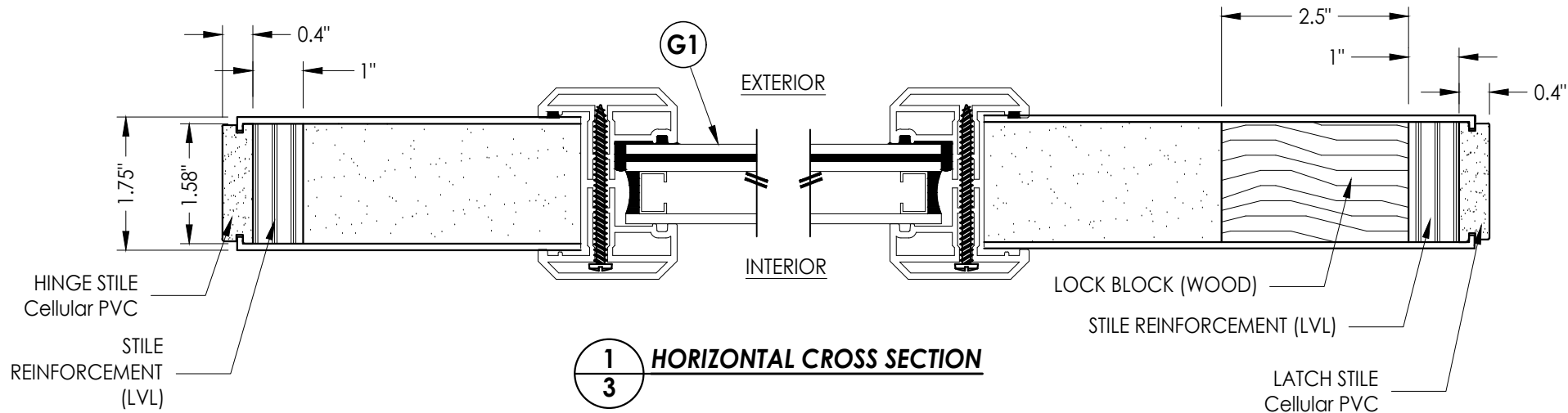
PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

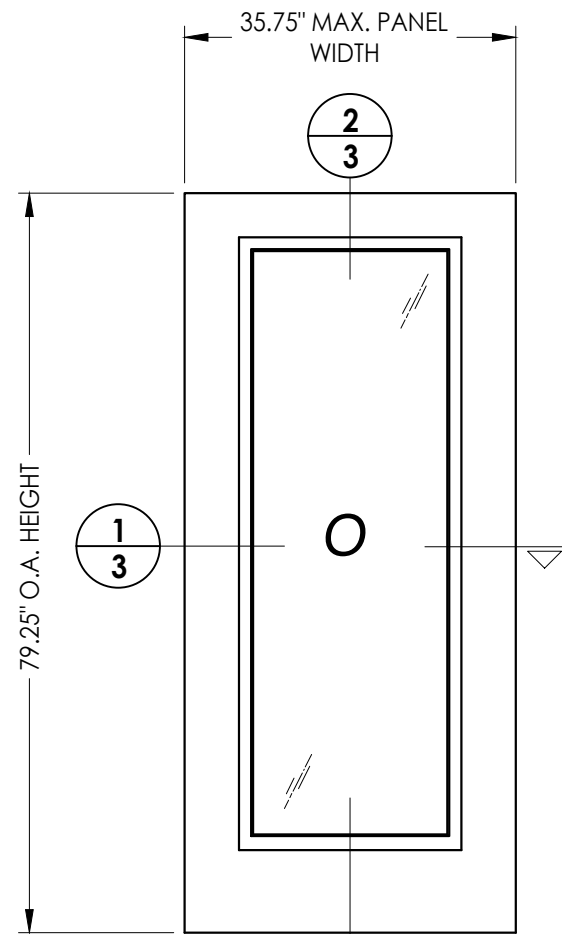
|   |          |                          |     |     |     |     |    |
|---|----------|--------------------------|-----|-----|-----|-----|----|
|   |          |                          | LFS | LFS | DAC | DAC | BY |
| 7 | 7/02/26  | UPDATE TO 9TH ED. (2026) | FBC | FBC | DAC | DAC | BY |
| 6 | 8/22/23  | UPDATE TO 8TH ED. (2023) | FBC | FBC | DAC | DAC | BY |
| 5 | 10/17/22 | ADD DLP ASTRAGAL         |     |     | DAC | DAC | BY |
| 4 | 8/04/20  | UPDATE TO 7TH ED. (2020) | FBC | FBC | DAC | DAC | BY |
|   | NO.      | DATE                     |     |     |     |     |    |

DATE: 02/21/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.:  
FL-17184.6  
SHEET 2 OF 12

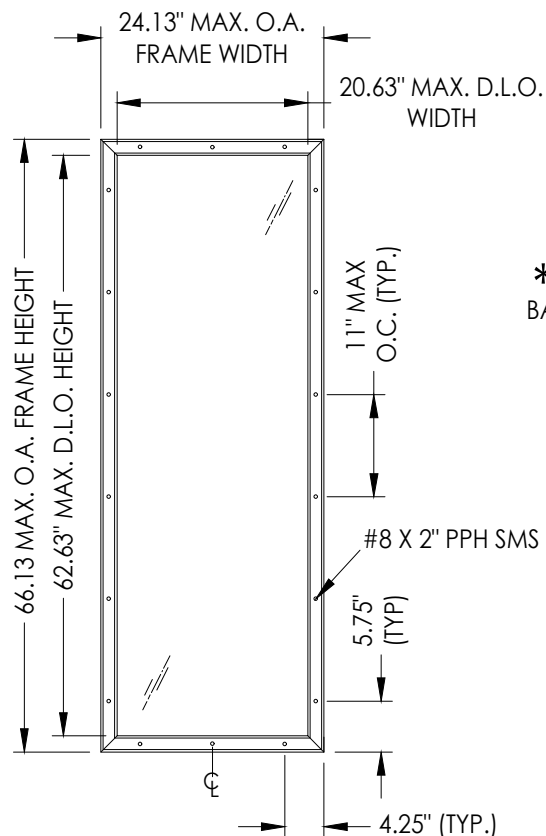
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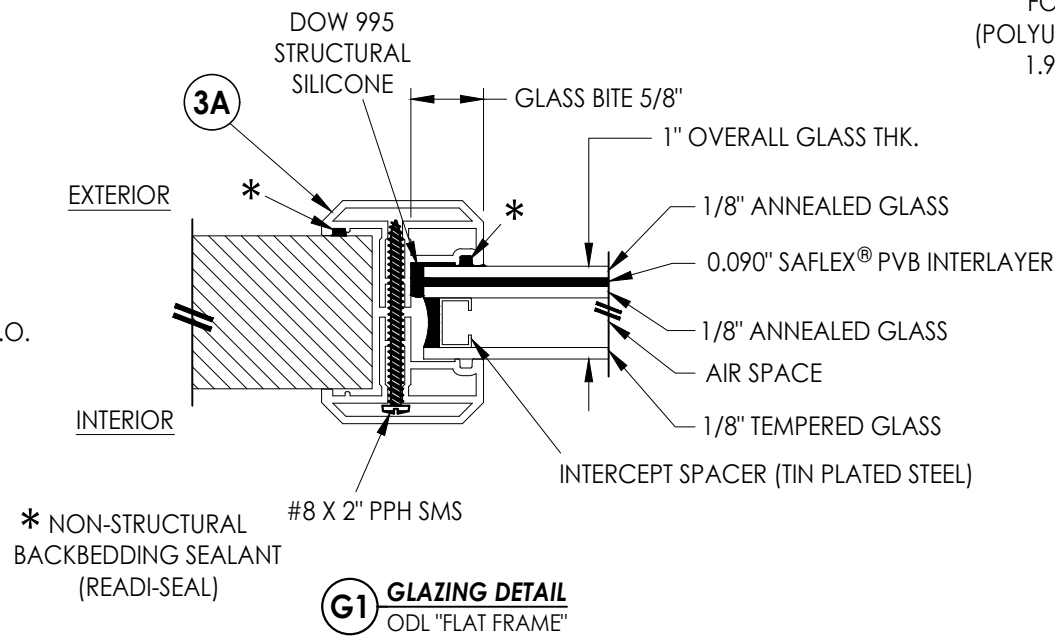
1/3 HORIZONTAL CROSS SECTION



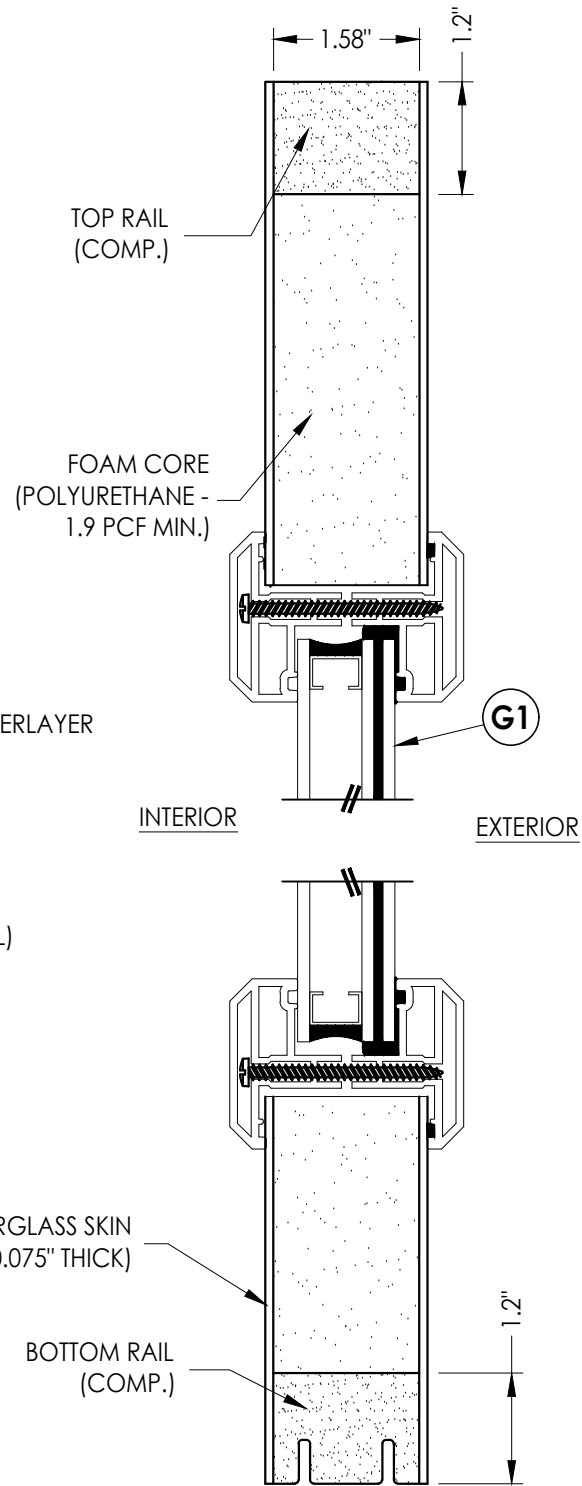
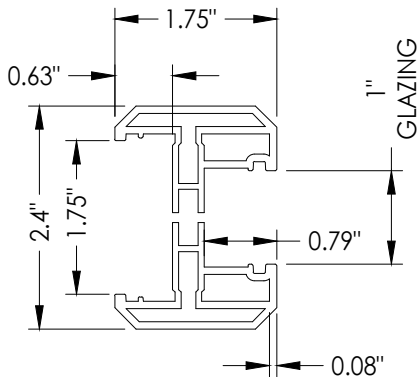
60 SIDELITE PANEL



ODL LITE FRAME DETAIL  
"FLAT FRAME" PROFILE



3A ODL LITE FRAME  
"FLAT FRAME" PROFILE  
(6063-T5 ALUM)



2/3 VERTICAL CROSS SECTION

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: PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
SIDELITE PANEL DETAILS  
AND GLAZING DETAIL

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 7   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC |
| 6   | 8/22/23  | UPDATE TO 8TH ED. (2023) FBC |
| 5   | 10/17/22 | ADD DLP ASTRAGAL             |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   |          |                              |
| 2   |          |                              |
| 1   |          |                              |

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

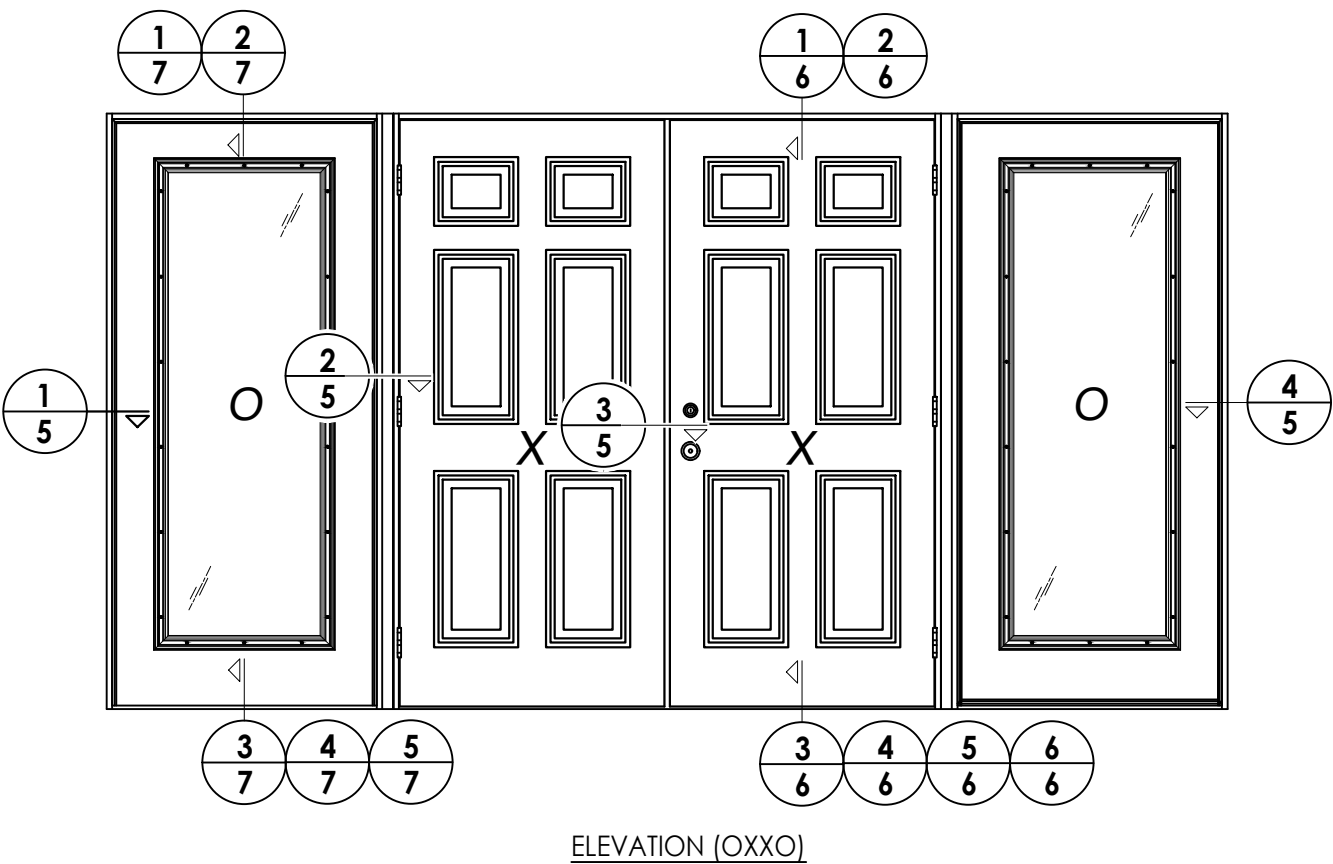
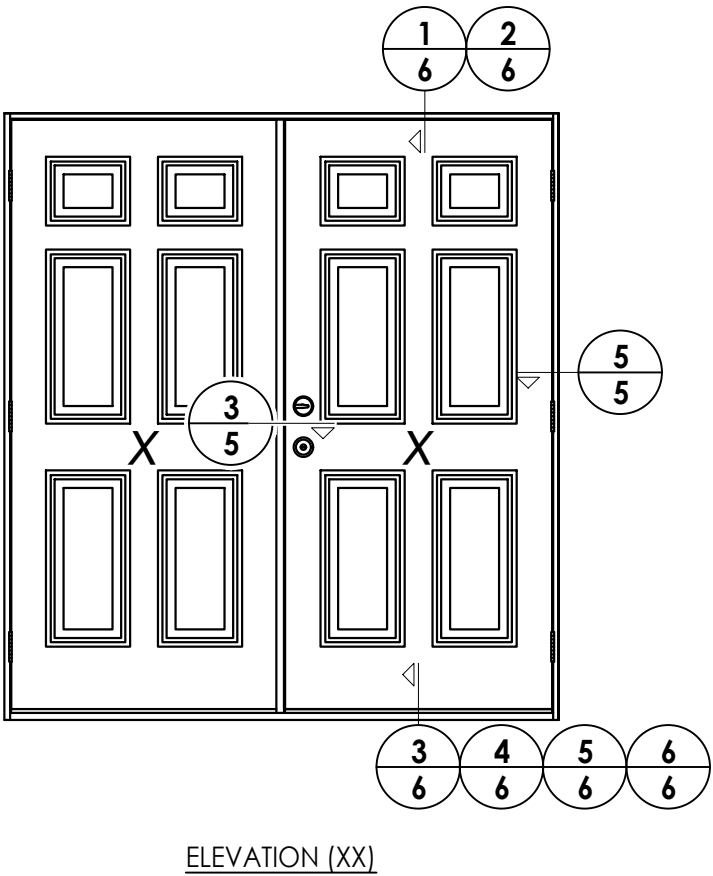
CHK. BY: LFS

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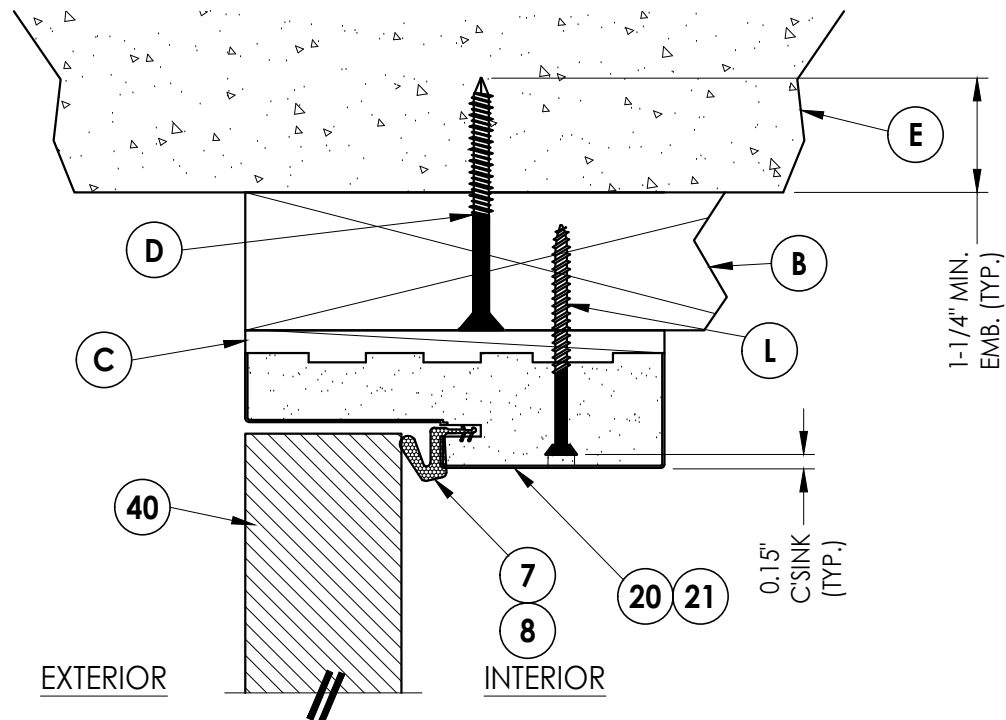
SHEET 3 OF 12

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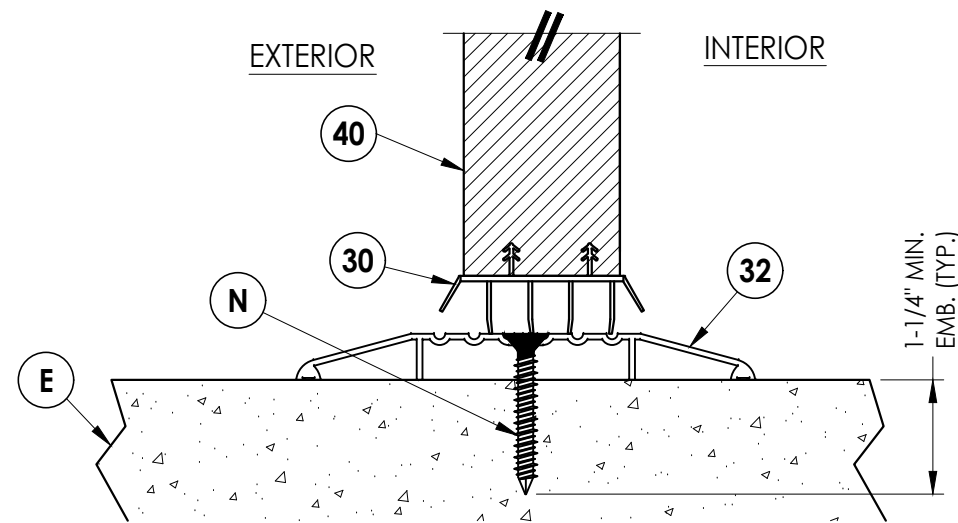


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| DATE: 02/21/12             |  |  |  | DOCUMENTS PREPARED BY:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                                                                       |  |  |  |
| SCALE: N.T.S.              |  |  |  | <div><div>R<sup>W</sup></div><div>BUILDING CONSULTANTS, INC.<br/>P.O. Box 230, Valrico, FL 33595<br/>Phone No.: 813.659.9197<br/>FBPE Registry No. 9813</div></div> |  |  |  |
| DWG. BY: JK                |  |  |  |                                                                                                                                                                     |  |  |  |
| CHK. BY: LFS               |  |  |  |                                                                                                                                                                     |  |  |  |
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| SHEET 4 OF 12              |  |  |  |                                                                                                                                                                     |  |  |  |
|                            |  |  |  | PRODUCT: PLASTPRO INC.<br>FIBERGLASS DOOR                                                                                                                           |  |  |  |
|                            |  |  |  | PART OR ASSEMBLY:<br>ELEVATIONS                                                                                                                                     |  |  |  |
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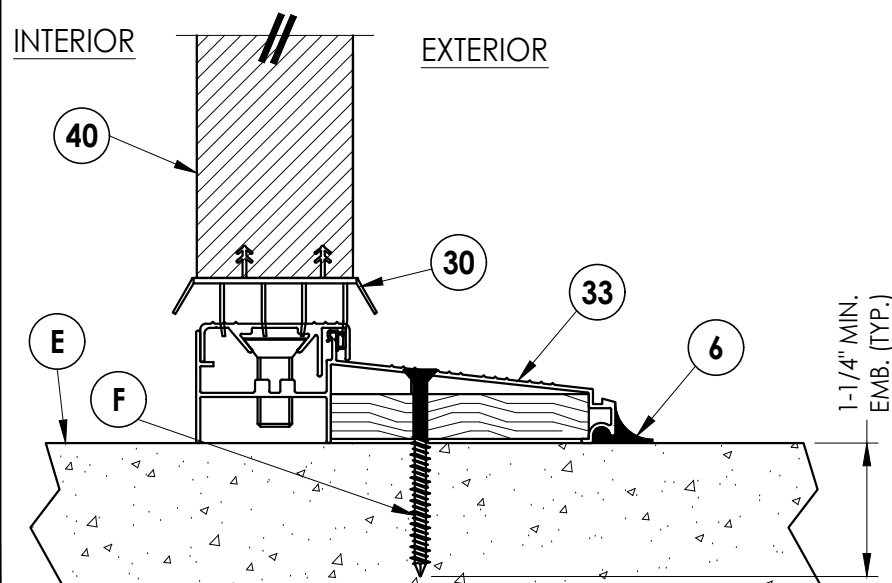




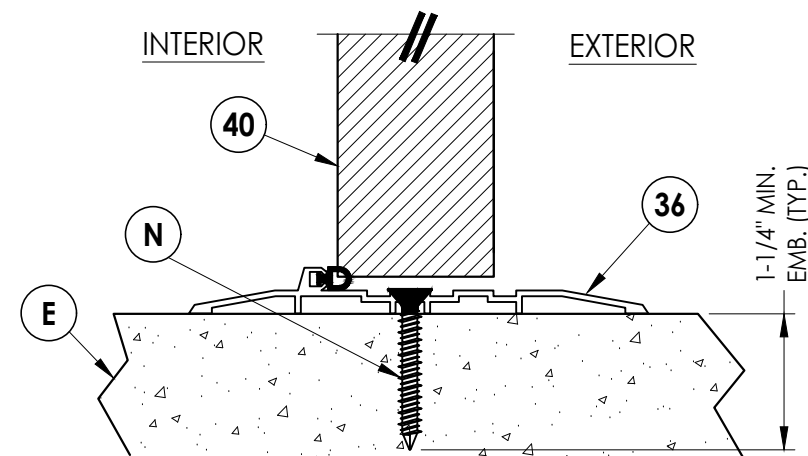
**1** **VERTICAL CROSS SECTION**  
**6** Outswing shown - inswing also approved



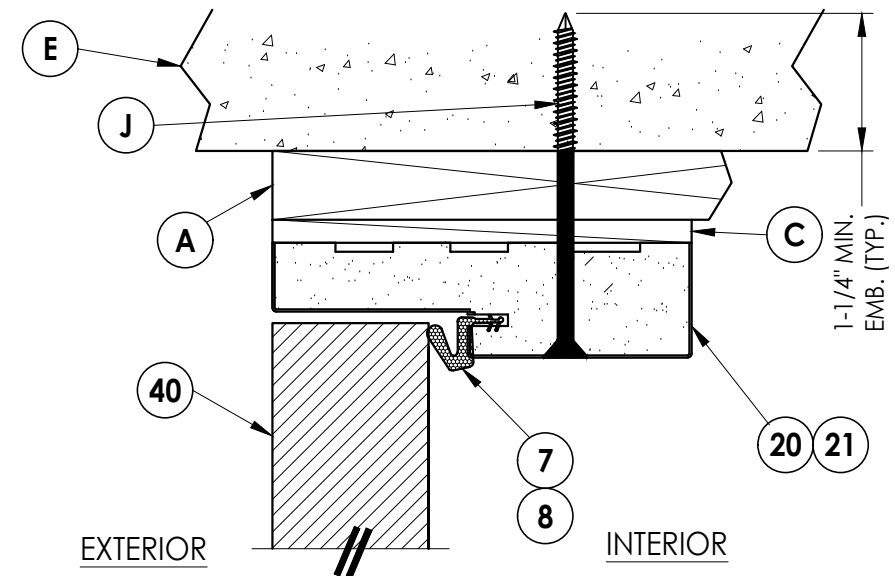
**5 VERTICAL CROSS SECTION**  
**6** Shown w/ ADA threshold



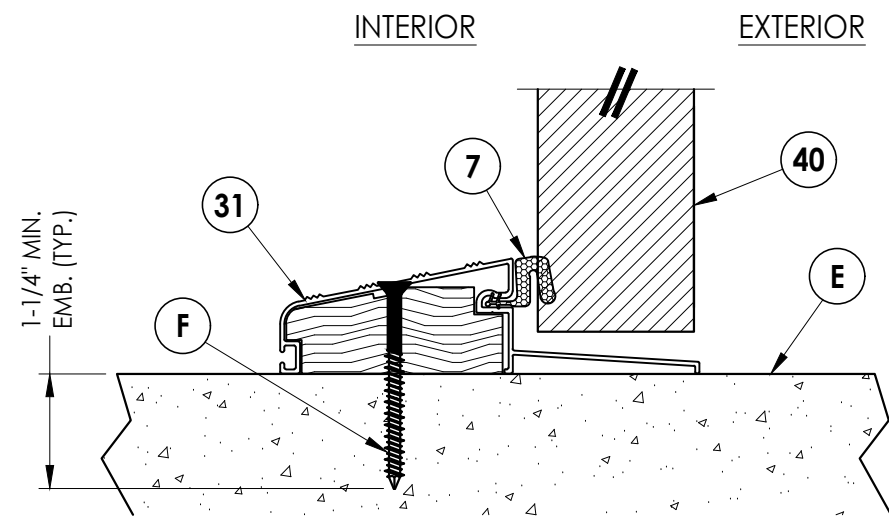
### 3 6 VERTICAL CROSS SECTION Inswing configuration



**6 VERTICAL CROSS SECTION**  
6 Shown w/ O.S. ADA bump threshold



**2** **VERTICAL CROSS SECTION**  
**6** Outswing shown - inswing also approved  
 Shown w/1X sub-buck



## 4 VERTICAL CROSS SECTION

### 6 Outswing configuration

|  |     |          |                          |     |     |  |
|--|-----|----------|--------------------------|-----|-----|--|
|  |     |          |                          |     |     |  |
|  |     |          |                          |     |     |  |
|  | 7   | 7/02/26  | UPDATE TO 9TH ED. (2026) | FBC | LFS |  |
|  | 6   | 8/22/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS |  |
|  | 5   | 10/17/22 | ADD DLP ASTRAGAL         |     | DAC |  |
|  | 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) | FBC | DAC |  |
|  | NO. | DATE     |                          |     |     |  |
|  |     |          | REVISIONS                |     |     |  |

|              |            |
|--------------|------------|
| DATE:        | 02/21/12   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-17184.6 |
| SHEET        | 6 OF 12    |

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

PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:

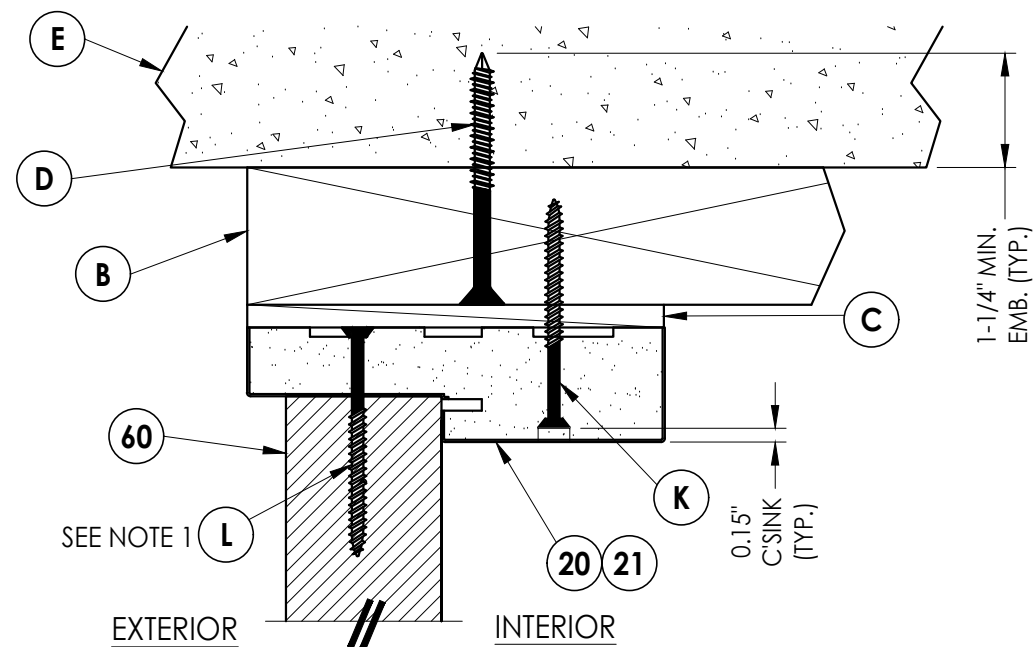
## VERTICAL CROSS SECTIONS

*RCM* BUILDING CONSULTANTS, INC.

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

Phone No.: 813.659.9197  
FBPE Registry No. 9813

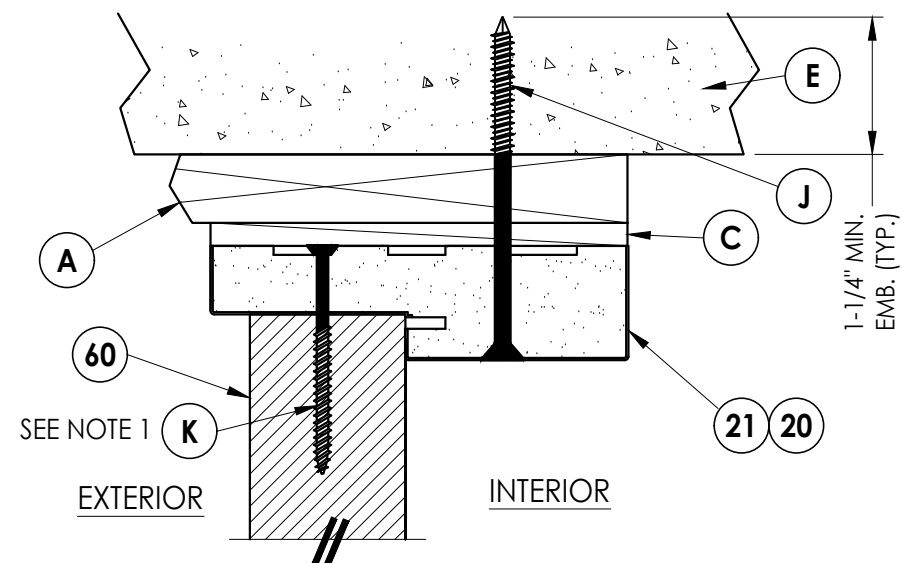
FBPE Registry No. 9813



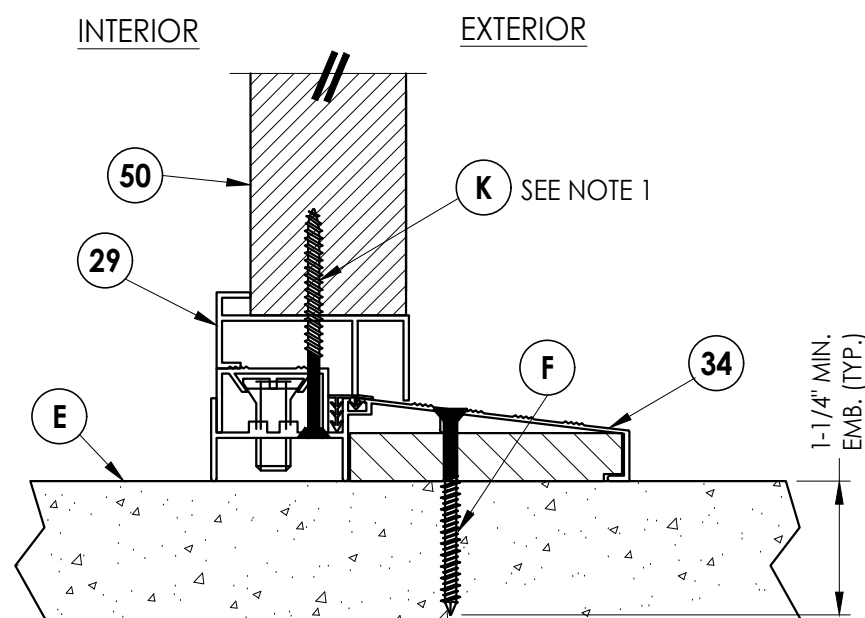
**1** **VERTICAL CROSS SECTION**  
**7** Outswing shown - inswing also approved

NOTE

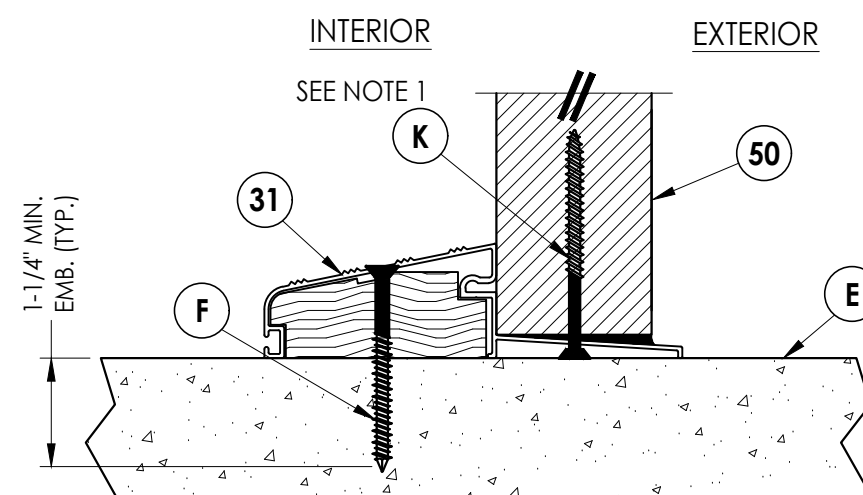
1. Spacing for item K: 6" from each end and at centerline (3 total).



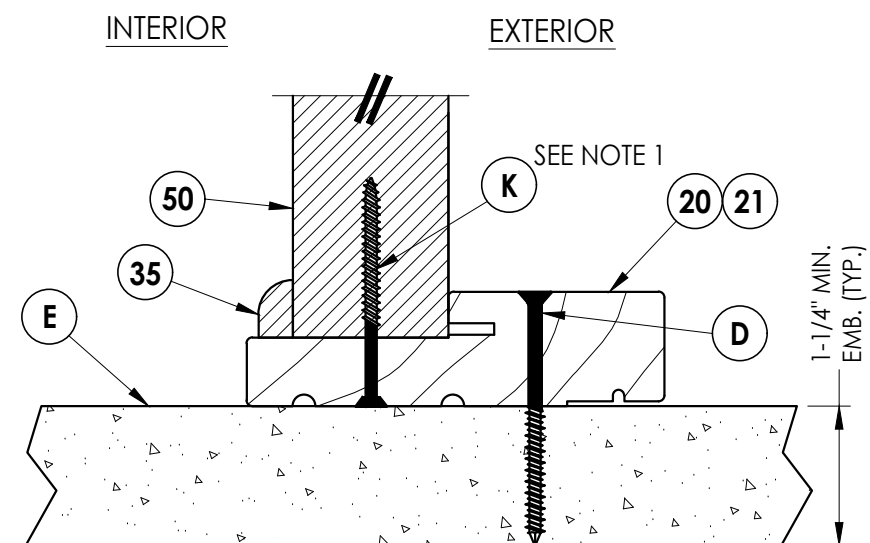
**2** **VERTICAL CROSS SECTION**  
**7** Outswing shown - inswing also approved  
 Shown w/1X sub-buck



**3** **VERTICAL CROSS SECTION**  
**7** Inswing configuration



**4** **VERTICAL CROSS SECTION**  
**7** Outswing configuration



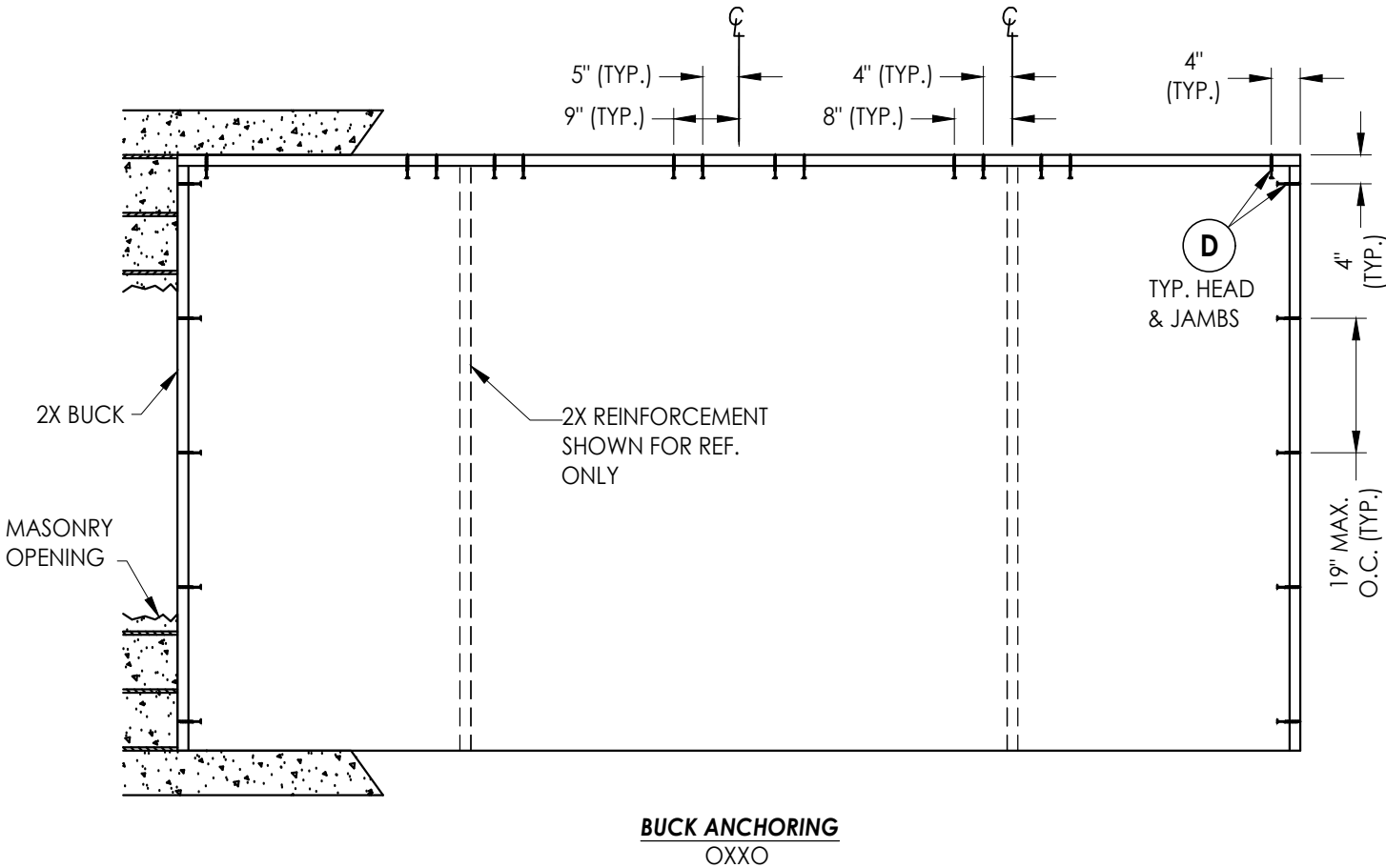
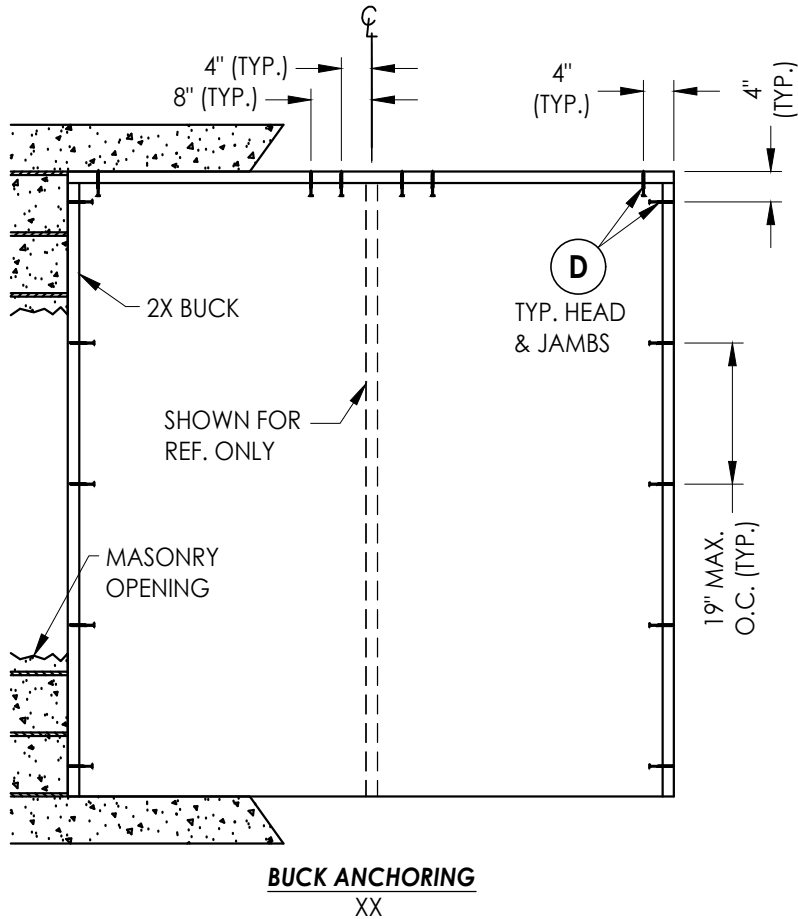
**5** **VERTICAL CROSS SECTION**  
**7** Outswing configuration

[illegible]

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

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

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CONCRETE ANCHOR NOTES:

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

| 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"                                |
| DeWALT ULTRACON® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

WOOD SCREW INSTALLATION NOTES:

- 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

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

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BUCK ANCHORING

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 7   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC |
| 6   | 8/22/23  | UPDATE TO 8TH ED. (2023) FBC |
| 5   | 10/17/22 | ADD DLP ASTRAGAL             |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC |
| NO. | DATE     | BY                           |

DATE: 02/21/12

SCALE: N.T.S.

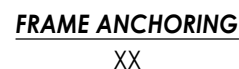
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.6

SHEET 8 OF 12



|              |            |
|--------------|------------|
| DATE:        | 02/21/12   |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-17184.6 |
| SHEET        | 9 OF 12    |

6.65"

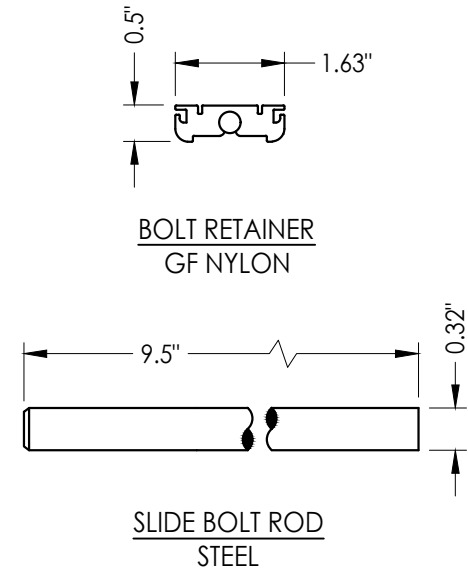
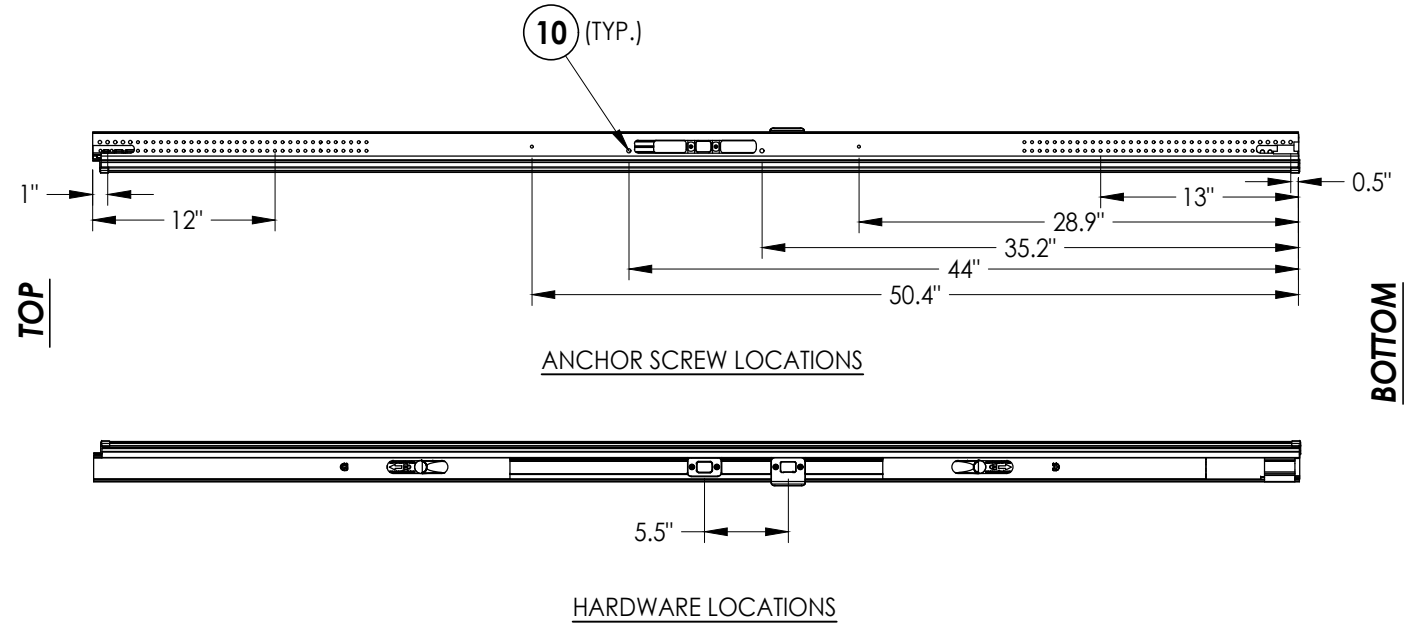
1.75"

0.063"

**56** **ALUMINUM ASTRAGAL**  
BY ENDURA PRODUCTS

A technical line drawing of a bolt retainer assembly. The assembly consists of a vertical slide bolt rod passing through a U-shaped aluminum astragal. The rod is secured at the top by a bolt retainer. Labels with leader lines point to the 'BOLT RETAINERS', 'SLIDE BOLT ROD', and 'ALUMINUM ASTRAGAL'.

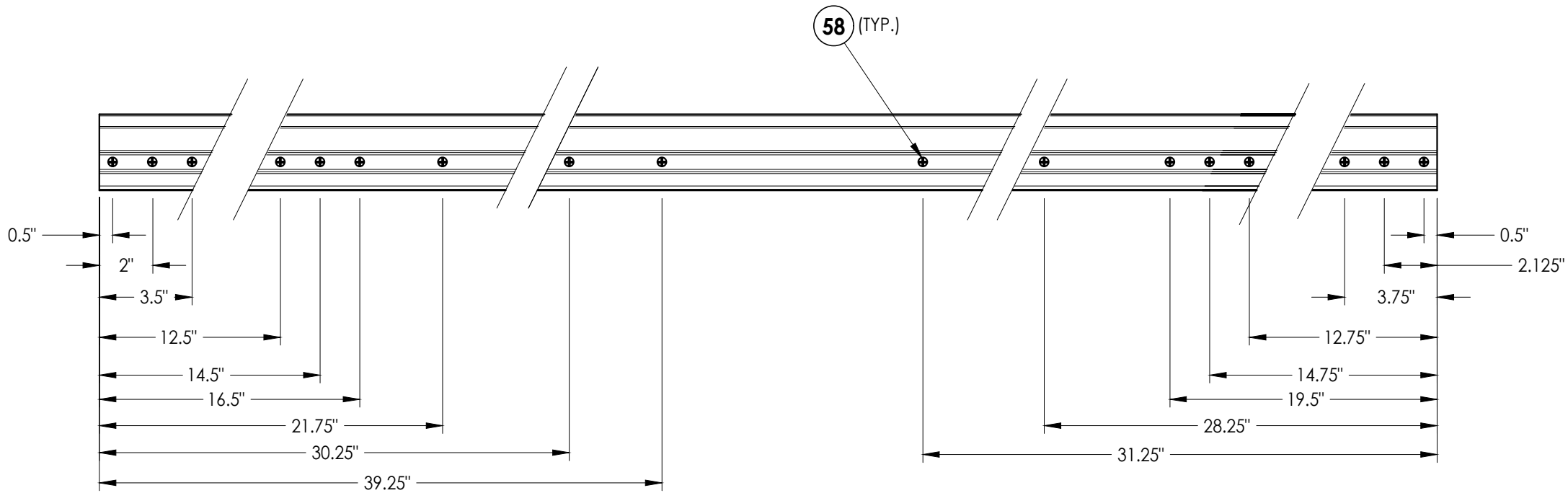
## ALUMINUM ASTRAGAL ASSEMBLY

[illegible]

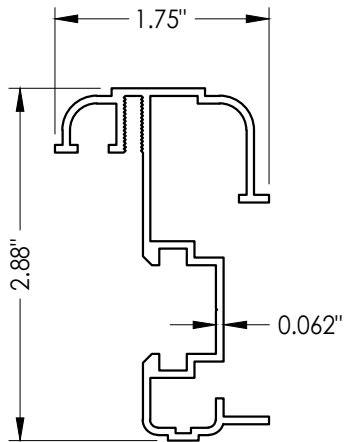
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

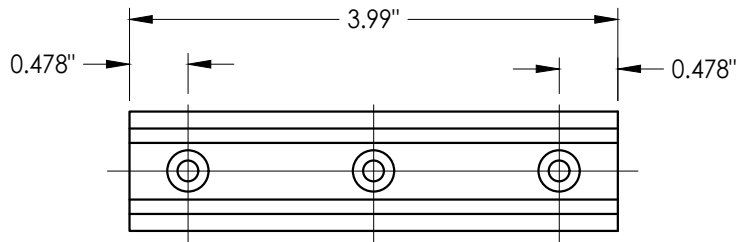
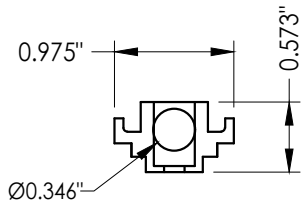
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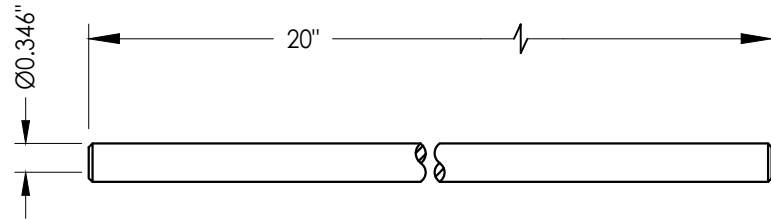
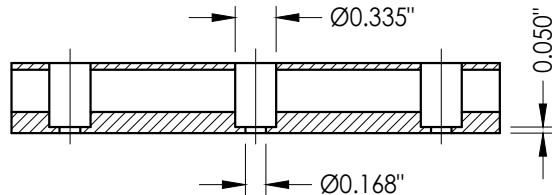
ASTRAGAL SCREW LOCATIONS



57 ASTRAGAL  
By DLP



CONCEALED STIFFENER  
ALUMINUM



SLIDE BOLT ROD  
STEEL

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 7   | 7/02/26  | UPDATE TO 9TH ED. (2026) FBC |
| 6   | 8/22/23  | UPDATE TO 8TH ED. (2023) FBC |
| 5   | 10/17/22 | ADD DLP ASTRAGAL             |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC |
|     |          |                              |

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:  
FL-17184.6

SHEET 11 OF 12

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:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
ASTRAGAL DETAILS

