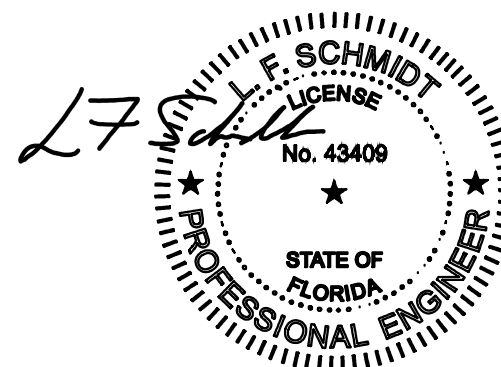




**Smooth / Wood Grain / White Wood Grain**  
**Rustic / Mahogany**  
**Series N Fiberglass Door**  
**OUTSWING**

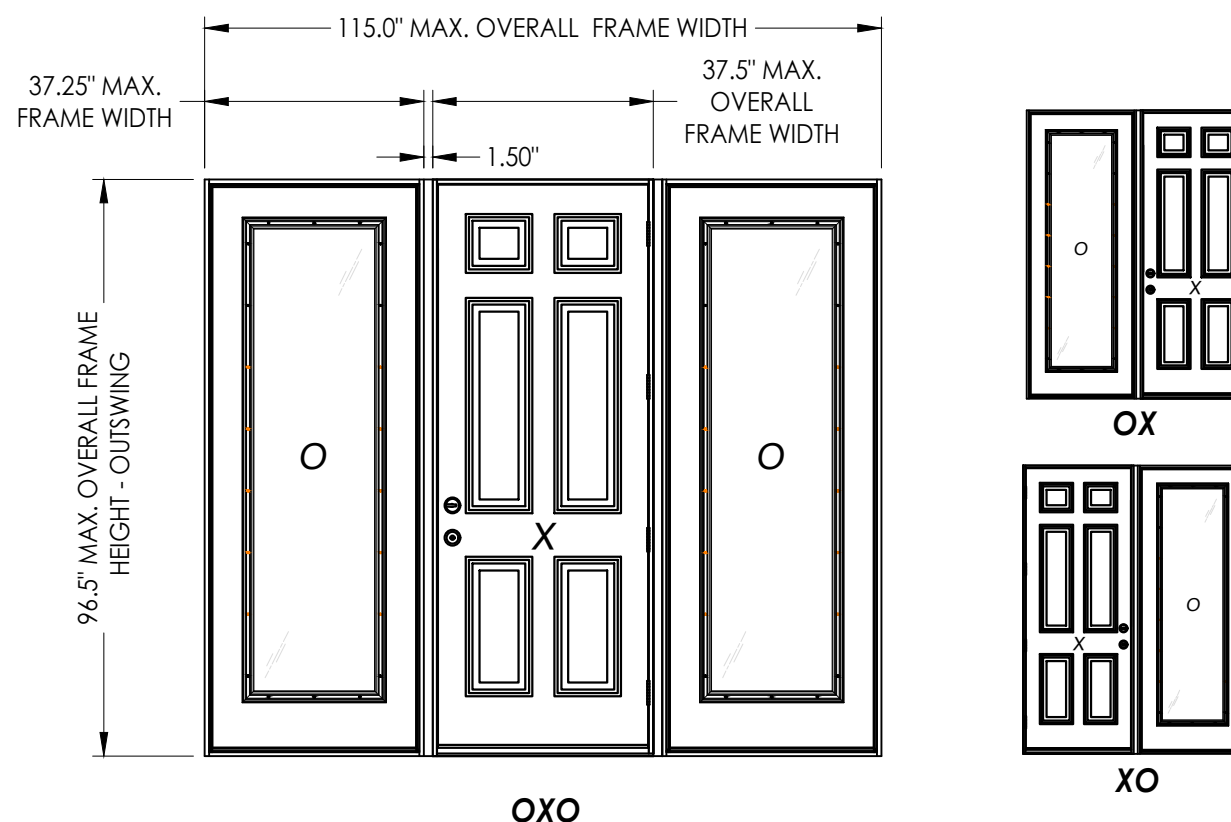
## GENERAL NOTES

- | TABLE OF CONTENTS |                                                      |        |                                  |
|-------------------|------------------------------------------------------|--------|----------------------------------|
| SHEET#            | DESCRIPTION                                          | SHEET# | DESCRIPTION                      |
| 1                 | Typical elevations, design pressures & general notes | 7      | Vertical cross sections          |
| 2                 | Door panel details                                   | 8      | Buck anchoring                   |
| 3                 | Sidelite panel details and glazing detail            | 9      | Frame anchoring                  |
| 4                 | Elevations                                           | 10     | Hardware details                 |
| 5                 | Horizontal cross sections                            | 11     | Bill of materials and components |
| 6                 | Vertical cross sections                              |        |                                  |



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.<br>FRAME<br>DIMENSION | MAX. SIDELITE<br>D.L.O.<br>DIMENSION | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|---------------|----------------------------|--------------------------------------|-----------------------------------|----------|
|               |                            |                                      | POSITIVE                          | NEGATIVE |
| OX/XO         | 76.25" X 96.5"             | 21.13" X 79.13"                      | +50.0                             | -50.0    |
| OXO           | 115.0" X 96.5"             | 21.13" X 79.13"                      | +50.0                             | -50.0    |

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

PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

---

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

[illegible]

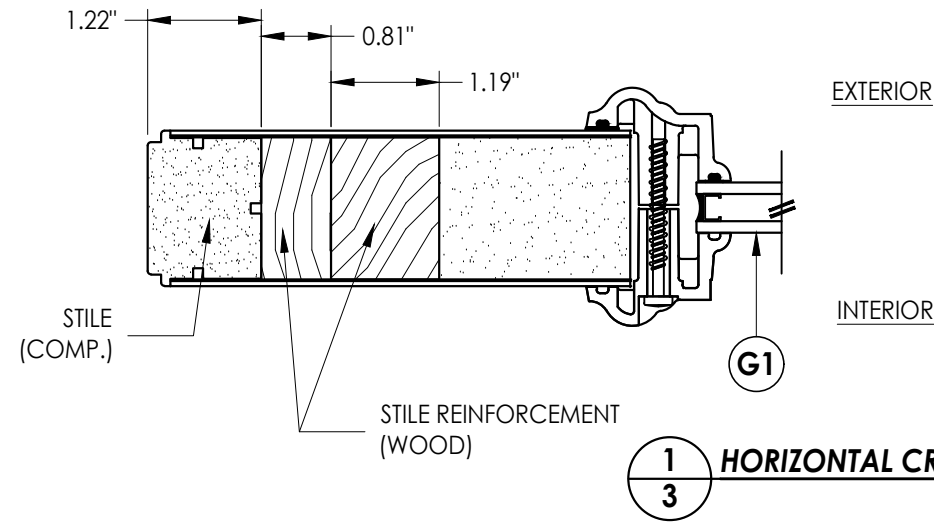
|              |             |
|--------------|-------------|
| DATE:        | 02/21/12    |
| SCALE:       | N.T.S.      |
| DWG. BY:     | JK          |
| CHK. BY:     | LFS         |
| DRAWING NO.: | FL-15180.11 |
| SHEET        | 1 OF 11     |

**R<sup>g</sup>W** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33487  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

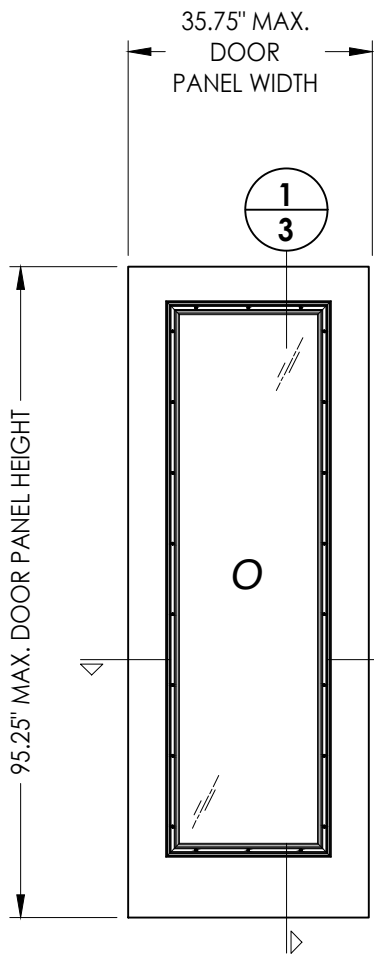
© 2012 B W BIRCHING CONSULTANTS | 22



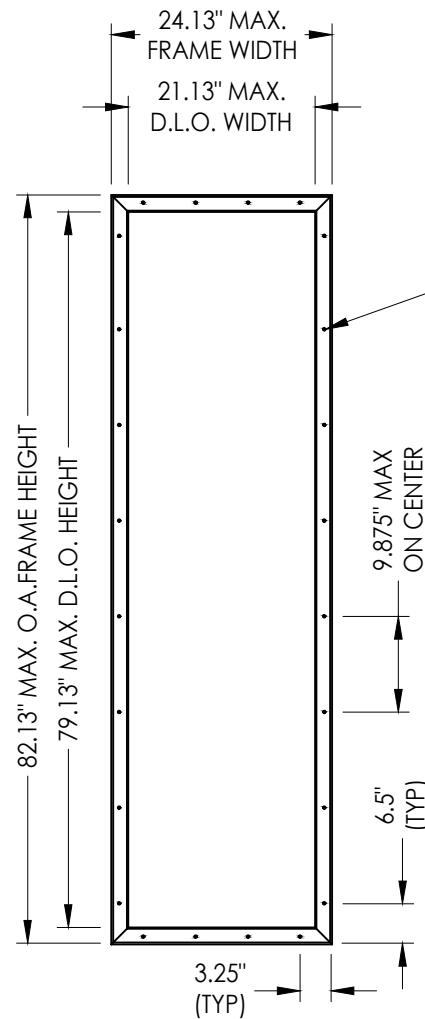
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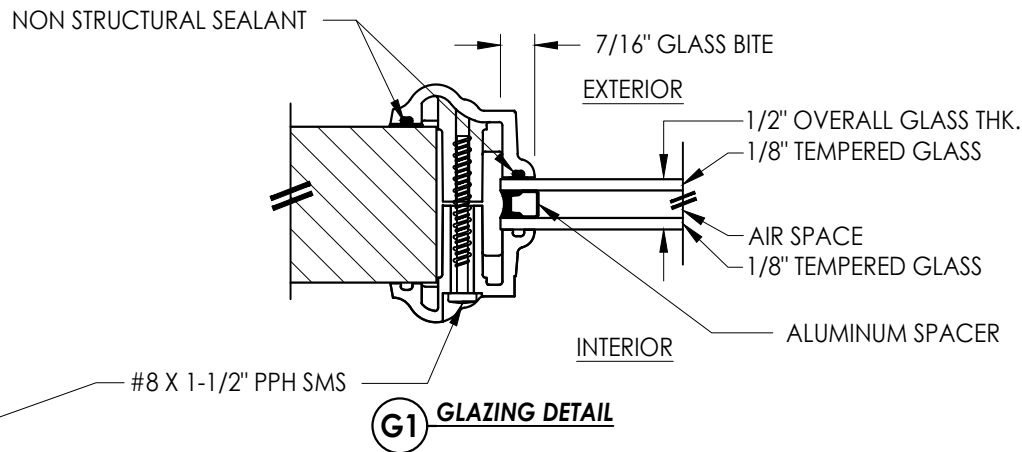
**1 HORIZONTAL CROSS SECTION**



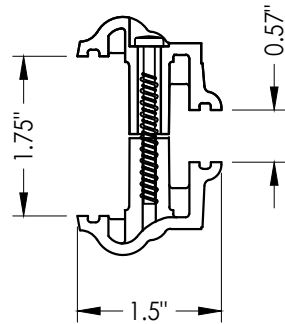
**60 SIDELITE PANEL**



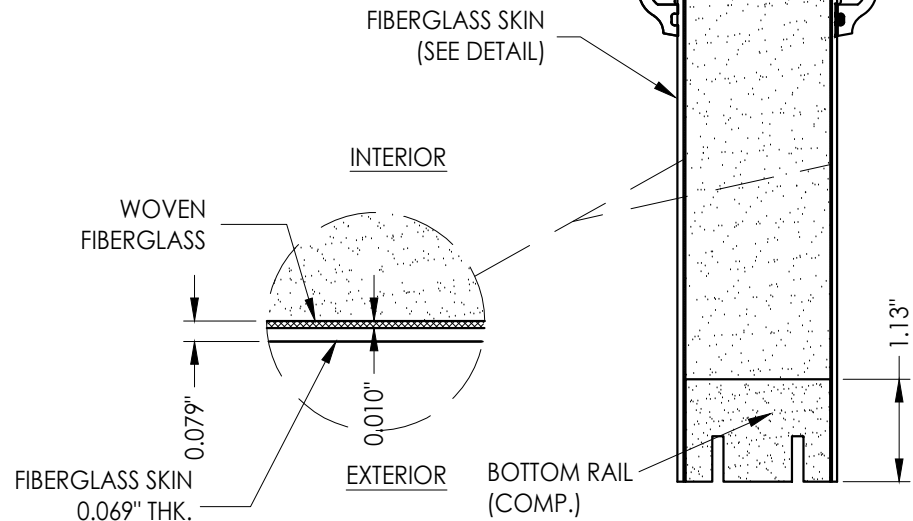
**ODL LITE FRAME**



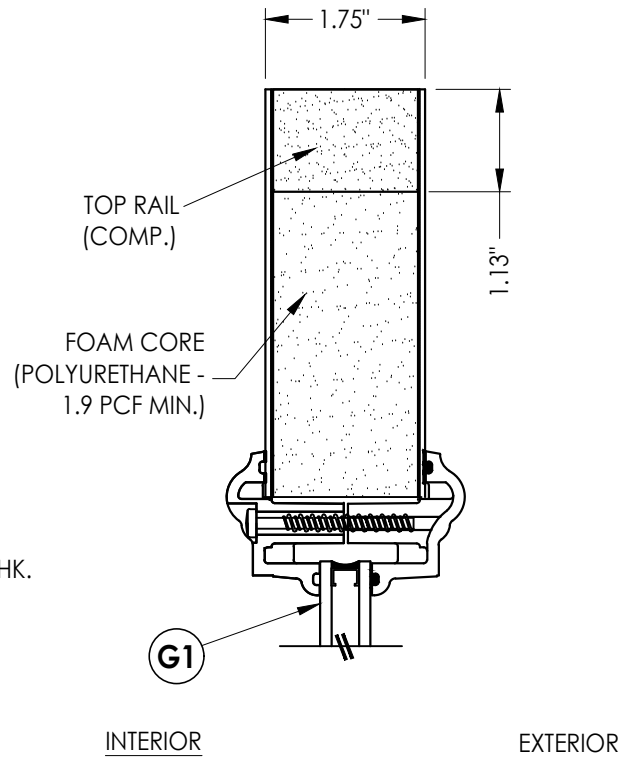
**G1 GLAZING DETAIL**



**2A ODL LITE FRAME**  
HP Polypropylene



**DOOR SKIN DETAIL**



**2 VERTICAL CROSS SECTION**

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

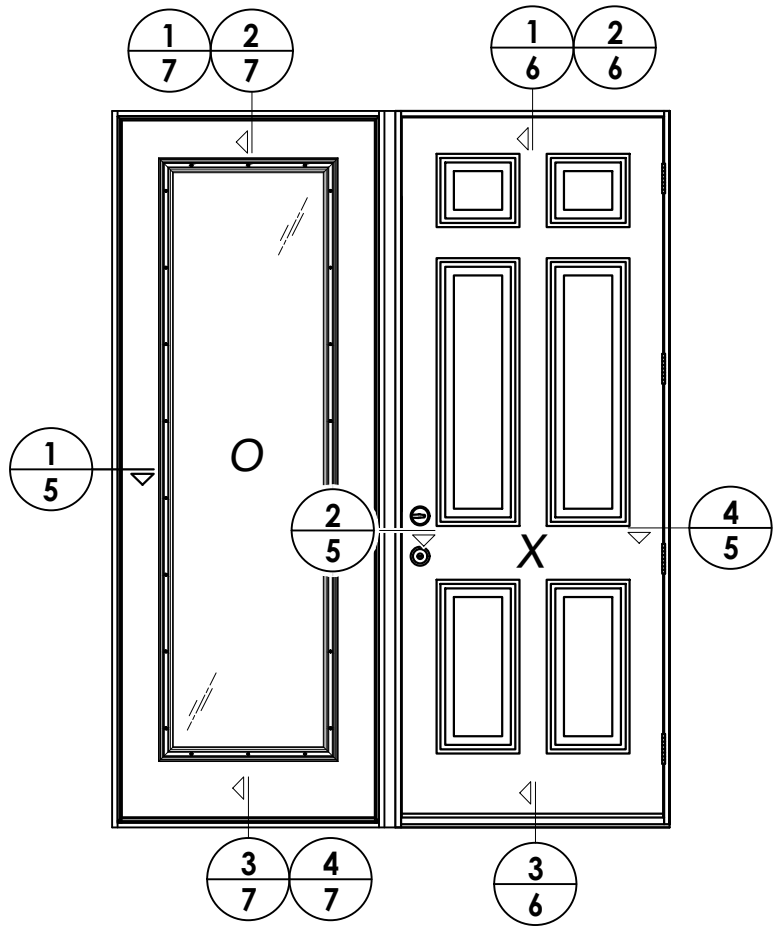
PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

| NO. | DATE     | REVISIONS         |        |     |     |
|-----|----------|-------------------|--------|-----|-----|
|     |          | BY                | JK     | LFS | FBC |
| 4   | 8/15/23  | UPDATE TO 8TH ED. | (2023) | FBC | LFS |
| 3   | 7/23/20  | UPDATE TO 7TH ED  | (2020) | FBC | LFS |
| 2   | 7/24/17  | UPDATE TO 6TH ED. | (2017) | FBC | JK  |
| 1   | 04/22/15 | UPDATE TO 5TH ED. | (2014) | FBC | JK  |

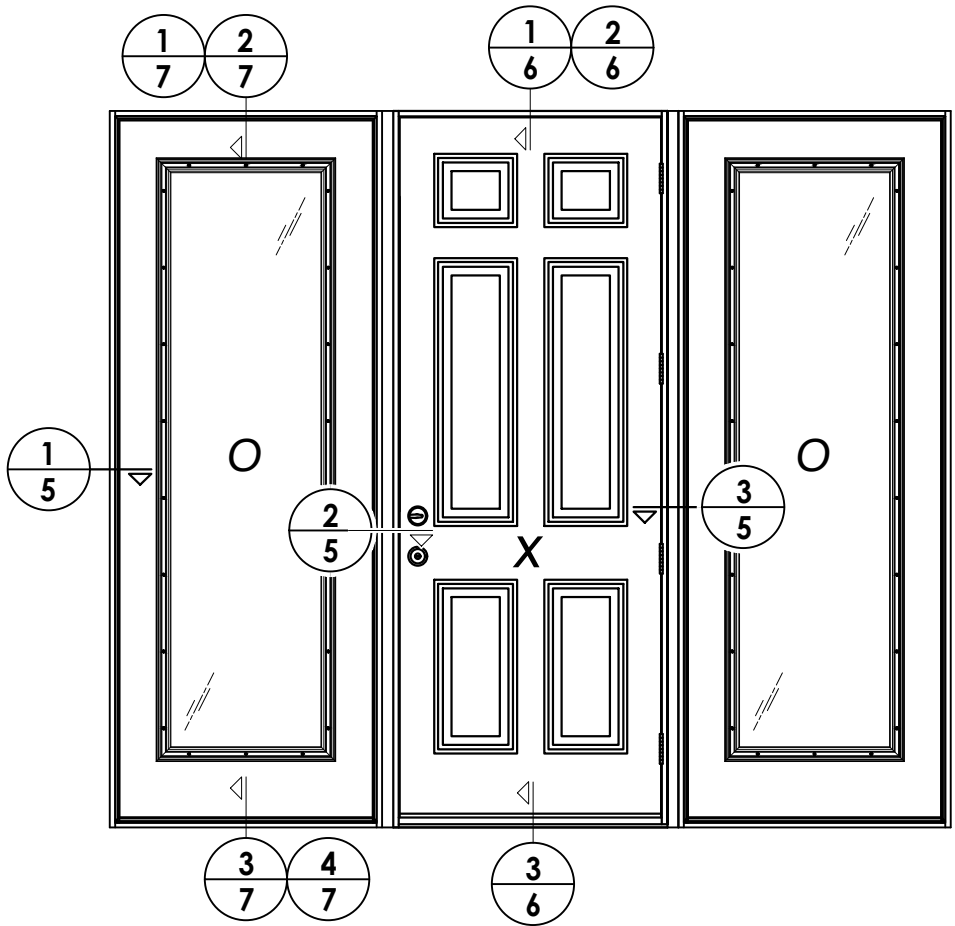
DATE: 02/21/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15180.11  
SHEET 3 OF 11

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Phone No.: 813.659.9197  
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ELEVATION (XO - OX)



ELEVATION (OXO)

| 4   | 8/15/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS |
|-----|----------|--------------------------|-----|-----|
| 3   | 7/23/20  | UPDATE TO 7TH ED (2020)  | FBC | LFS |
| 2   | 7/24/17  | UPDATE TO 6TH ED. (2017) | FBC | JK  |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) | FBC | JK  |
| NO. | DATE     |                          |     | BY  |

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:  
FL-15180.11

SHEET 4 OF 11

PRODUCT:

PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:

ELEVATIONS

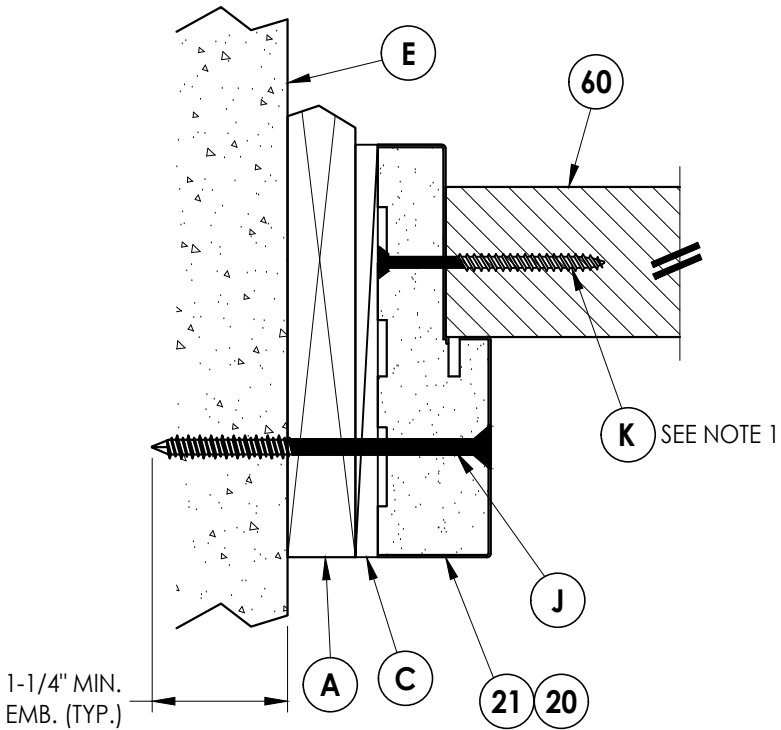
Documents Prepared By:

Lyndon F. Schmidt  
P.E. No. 43409

R<sup>W</sup>

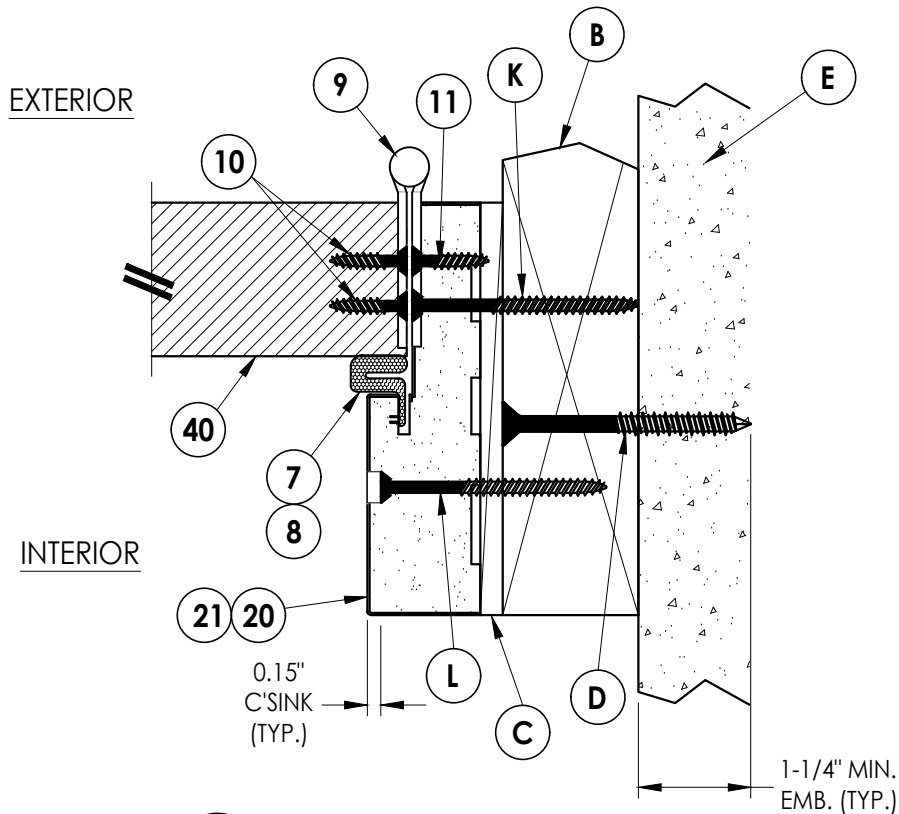
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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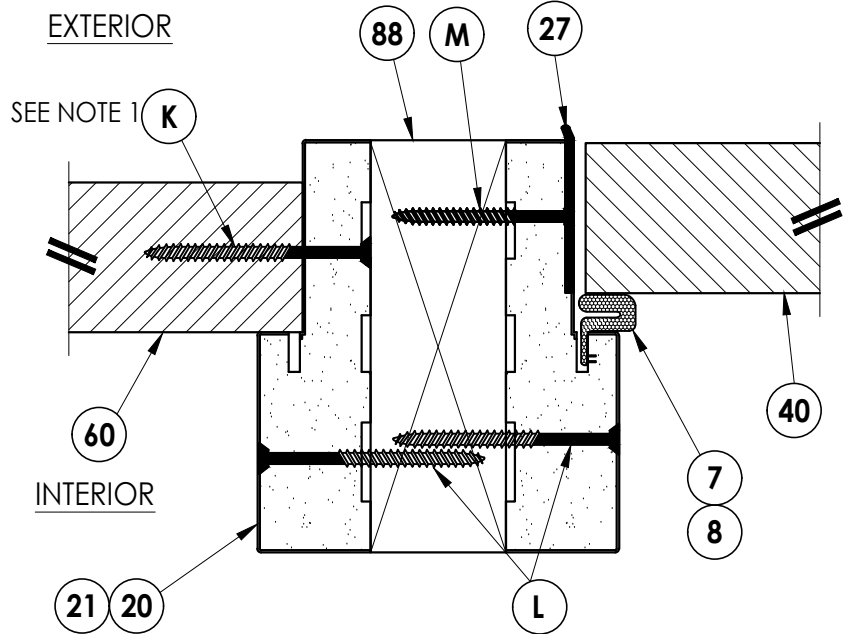


**1**  
**5** **HORIZONTAL CROSS SECTION**  
Shown w/1X sub-buck

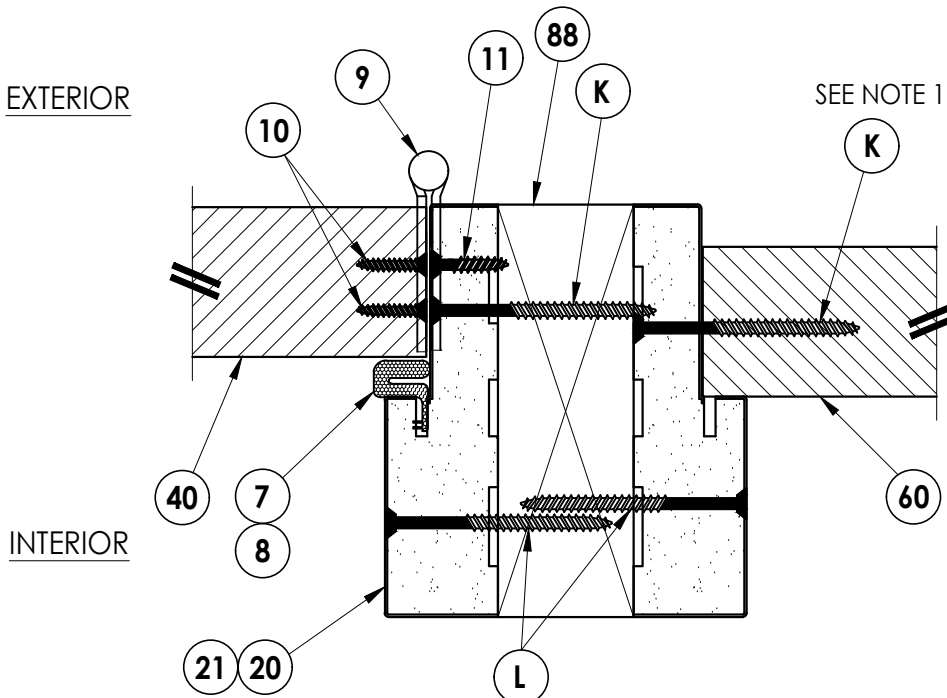
NOTE:  
1. Spacing for item K: 6" from ends and 8 more equally spaced along sidelite (10 total).



**4**  
**5** **HORIZONTAL CROSS SECTION**



**2**  
**5** **HORIZONTAL CROSS SECTION**  
Shown with 2X reinforcement



**3**  
**5** **HORIZONTAL CROSS SECTION**  
Shown with 2X reinforcement

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

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Phone No.: 813.659.9197  
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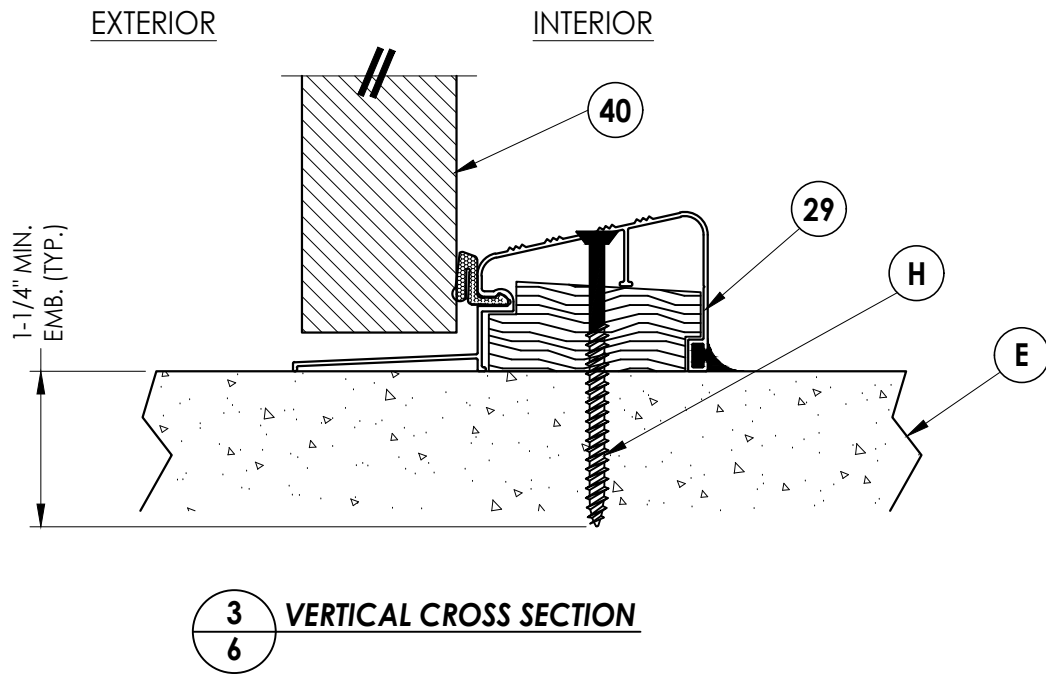
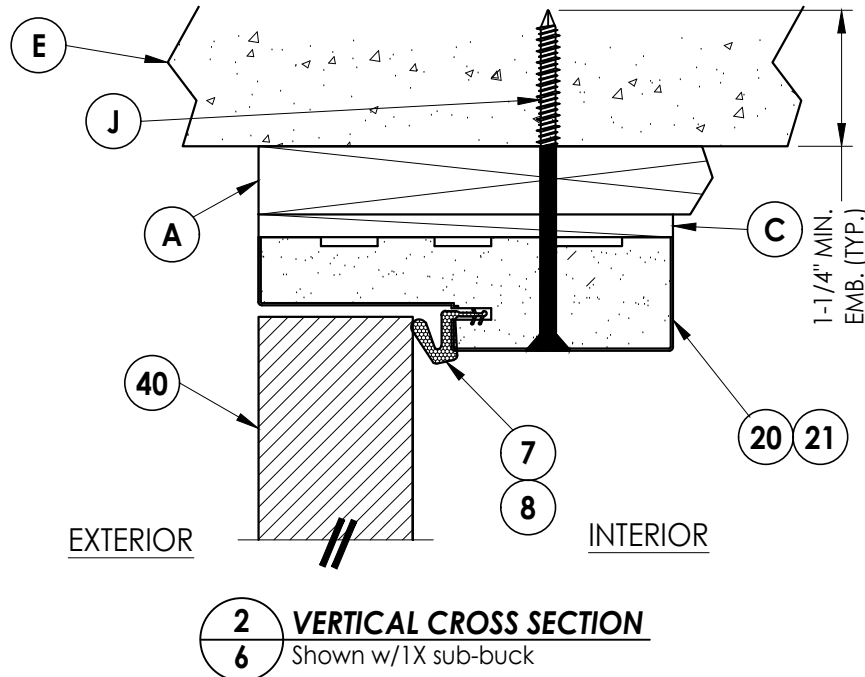
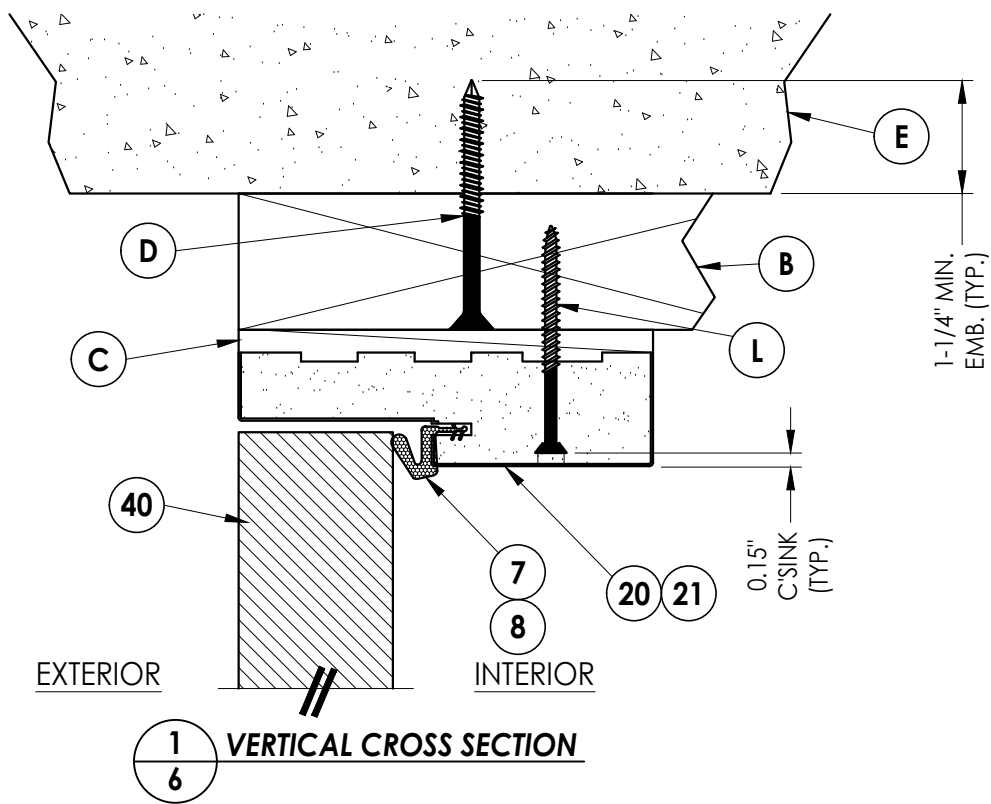
PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL  
CROSS SECTIONS

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 4   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |
| 3   | 7/23/20  | UPDATE TO 7TH ED. (2020) FBC |
| 2   | 7/24/17  | UPDATE TO 6TH ED. (2017) FBC |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
| NO. | DATE     | BY                           |

DATE: 02/21/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.:  
FL-15180.11  
SHEET 5 OF 11

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|                   |          |                                  |         |
|-------------------|----------|----------------------------------|---------|
| PRODUCT:          |          | PLASTPRO INC.<br>FIBERGLASS DOOR |         |
| PART OR ASSEMBLY: |          | VERTICAL CROSS SECTIONS          |         |
| DATE:             |          | 02/21/12                         |         |
| SCALE:            |          | N.T.S.                           |         |
| DWG. BY:          |          | JK                               |         |
| CHK. BY:          |          | LFS                              |         |
| DRAWING NO.:      |          | FL-15180.11                      |         |
| SHEET             |          | 6 OF 11                          |         |
| REVISONS          |          |                                  |         |
| NO.               | DATE     | BY                               |         |
| 4                 | 8/15/23  | UPDATE TO 8TH ED. (2023)         | FBC LFS |
| 3                 | 7/23/20  | UPDATE TO 7TH ED (2020)          | FBC LFS |
| 2                 | 7/24/17  | UPDATE TO 6TH ED. (2017)         | FBC JK  |
| 1                 | 04/22/15 | UPDATE TO 5TH ED. (2014)         | FBC JK  |

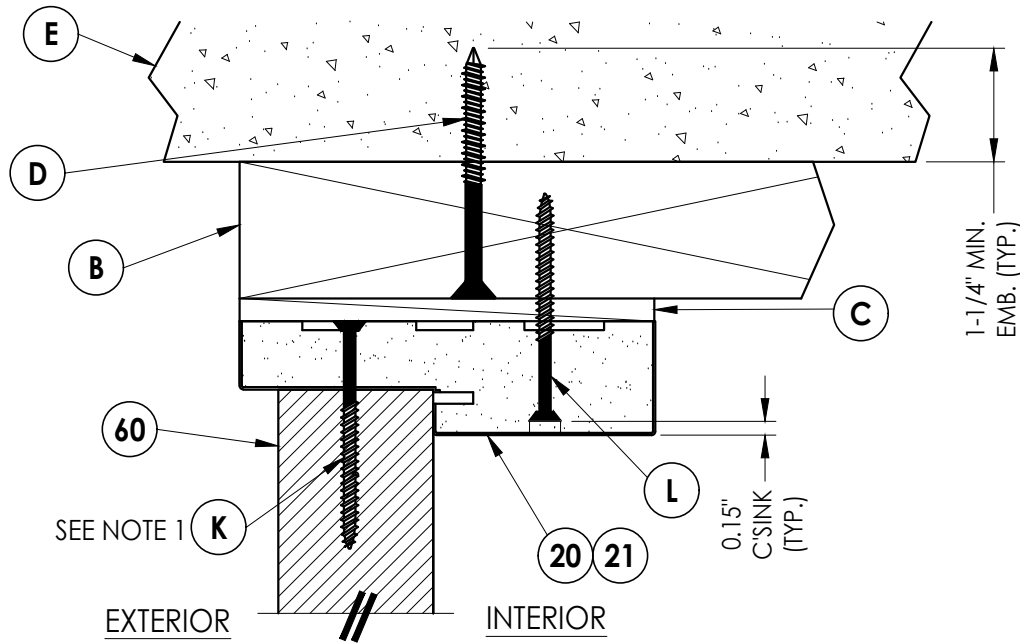
Documents Prepared By:

Lyndon F. Schmidt  
P.E. No. 43409

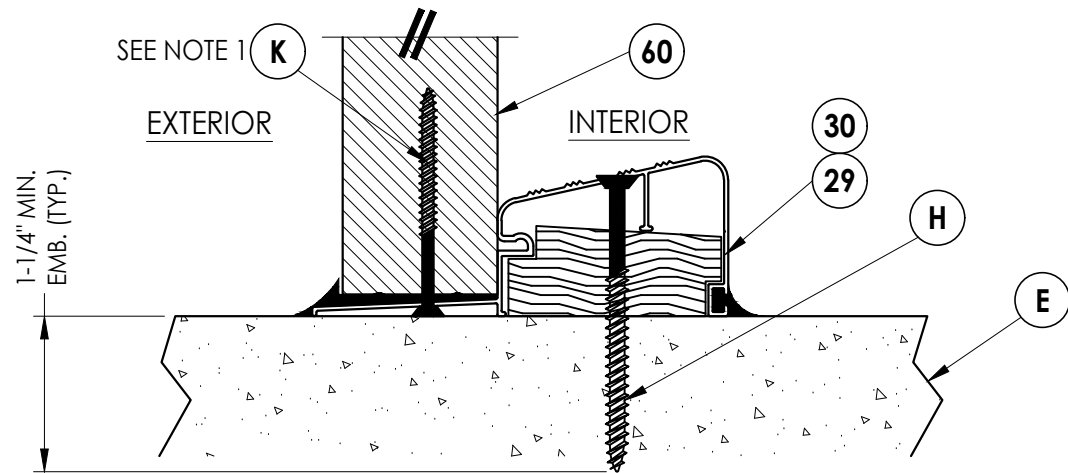
*RW*

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

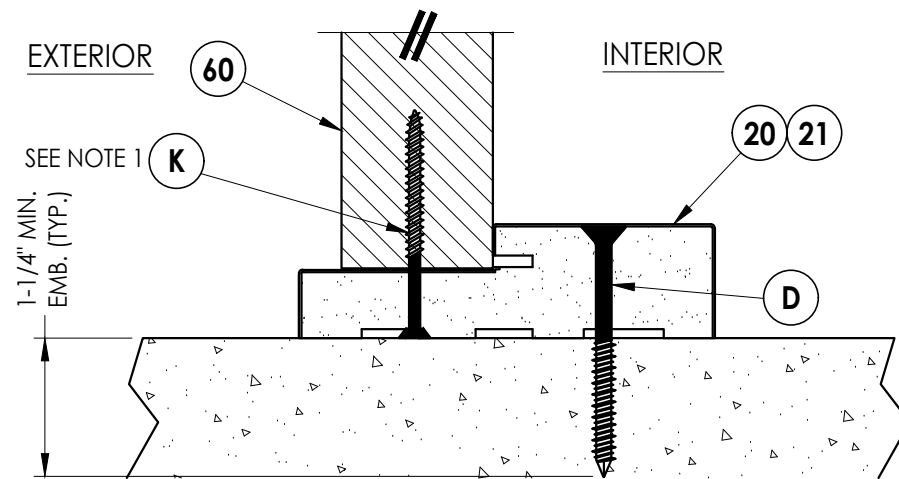
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**1**  
**7** VERTICAL CROSS SECTION

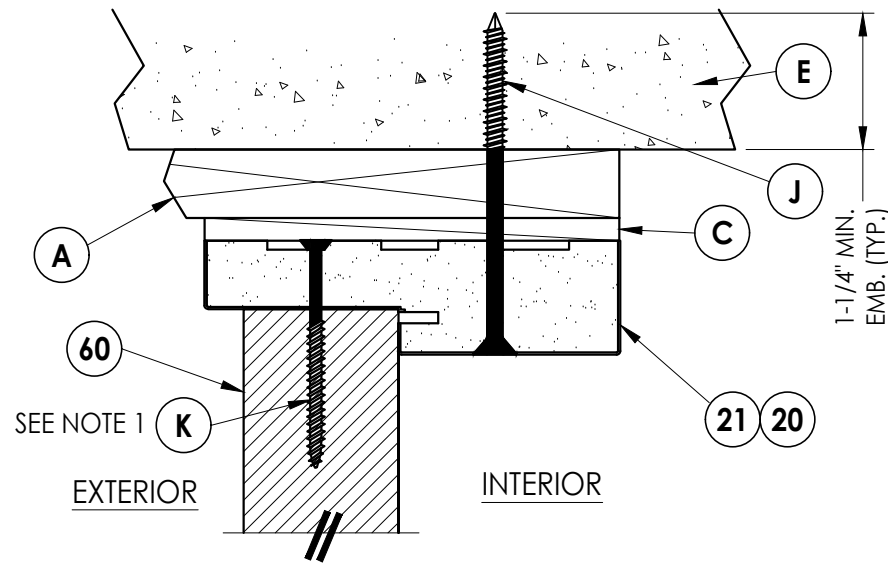


**3**  
**7** VERTICAL CROSS SECTION



**4**  
**7** VERTICAL CROSS SECTION

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



**2**  
**7** VERTICAL CROSS SECTION  
Shown w/1X sub-buck

| PRODUCT:                         |          | PART OR ASSEMBLY:            |     |
|----------------------------------|----------|------------------------------|-----|
| PLASTPRO INC.<br>FIBERGLASS DOOR |          | VERTICAL<br>CROSS SECTIONS   |     |
| NO.                              | DATE     | REVISIONS                    | BY  |
| 4                                | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 3                                | 7/23/20  | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 2                                | 7/24/17  | UPDATE TO 6TH ED. (2017) FBC | JK  |
| 1                                | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC | JK  |

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

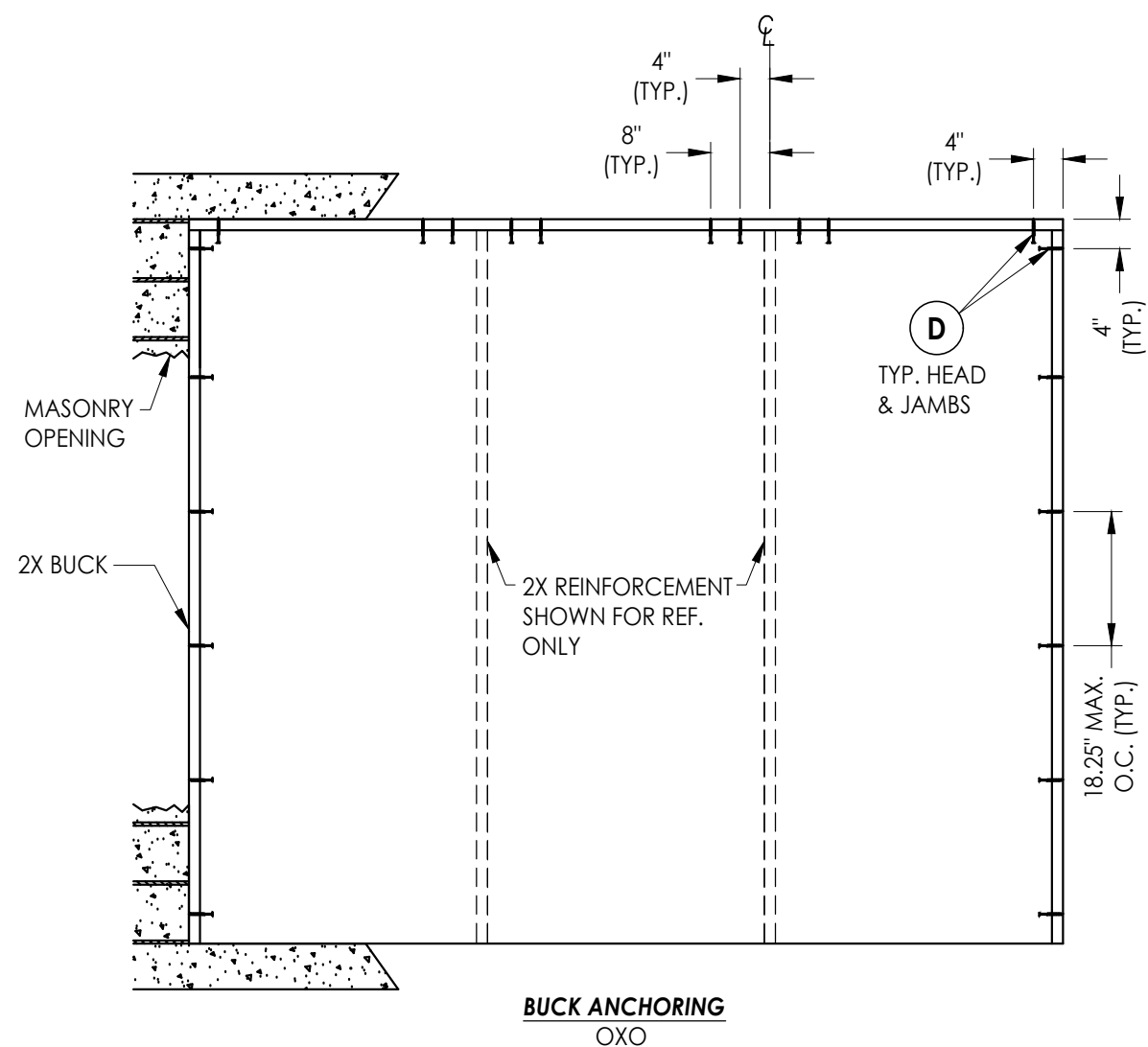
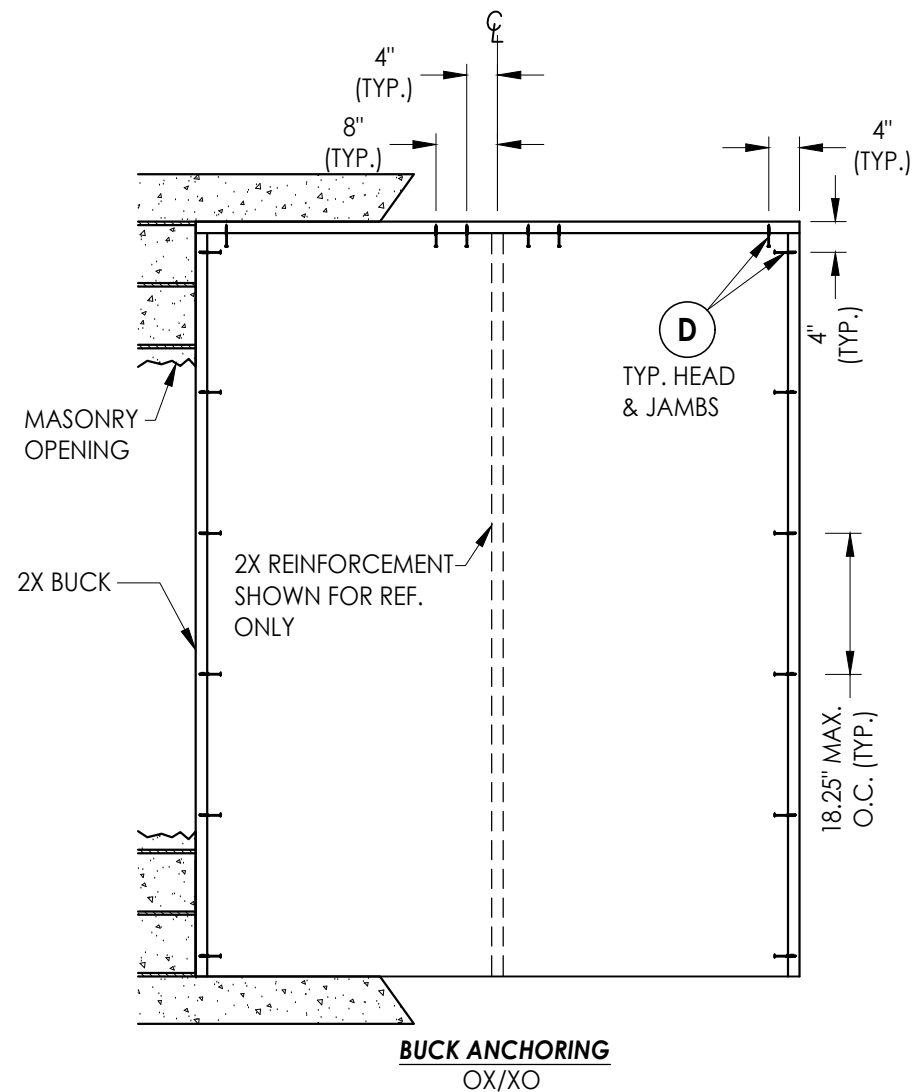
CHK. BY: LFS

DRAWING NO.:  
FL-15180.11

SHEET 7 OF 11

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



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:

| 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 ULTRAON® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15180.11

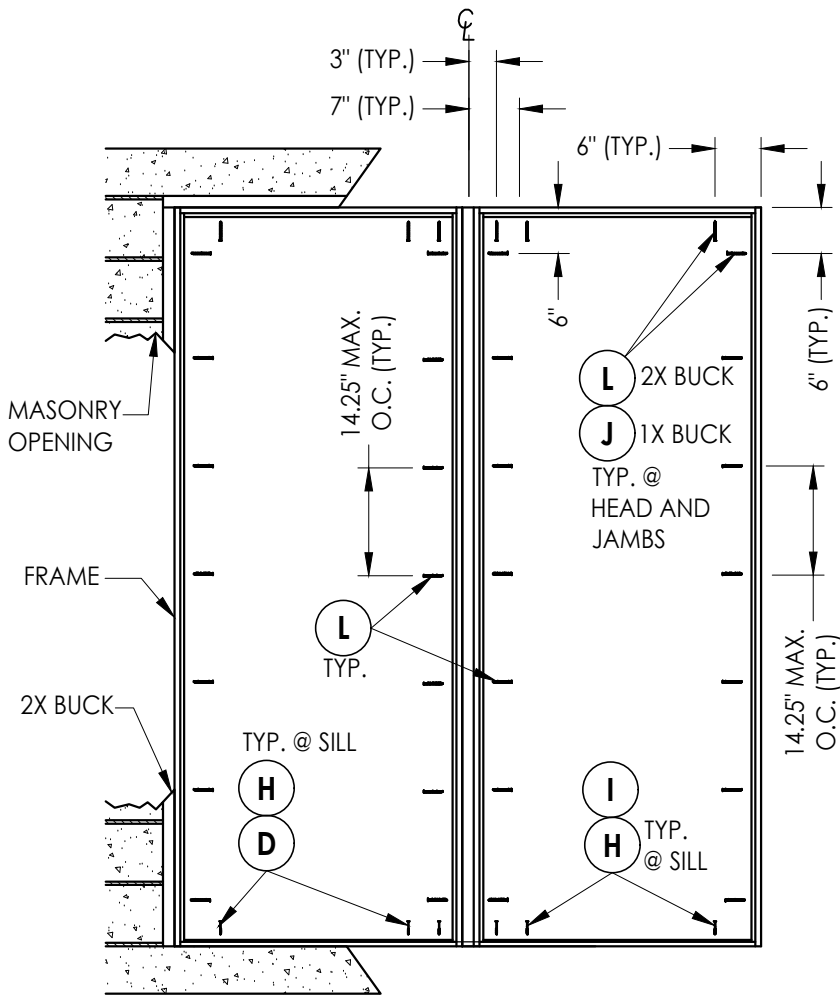
SHEET 8 OF 11

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

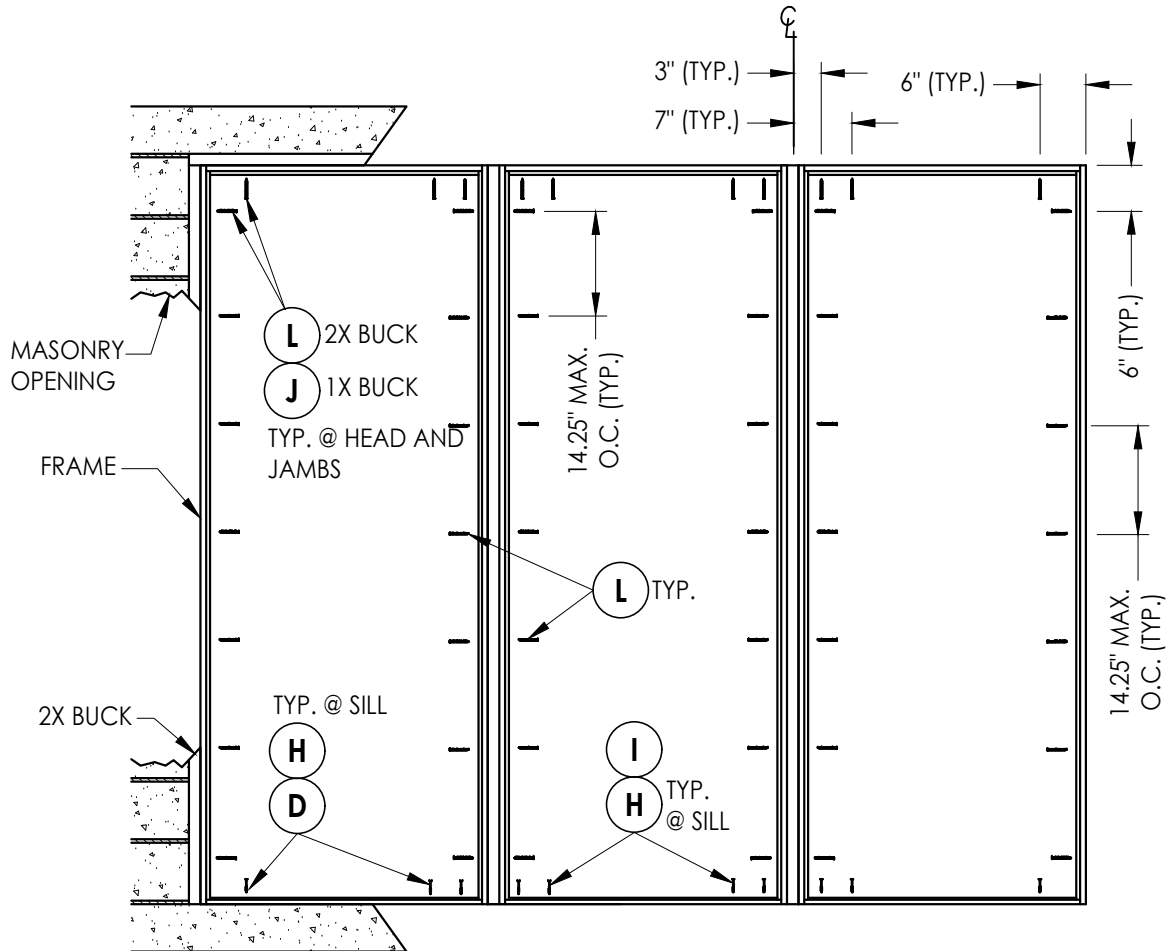
**R<sup>2</sup>W** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico, FL 33487

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

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FRAME ANCHORING  
XX



FRAME ANCHORING  
OXO

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 ULTRA CON+® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |
| ITW TAPCON®        | 3/16"       | 1-1/4"         | 3"                             | 1-1/2"                            |

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

PRODUCT:

PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:

FRAME ANCHORING

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

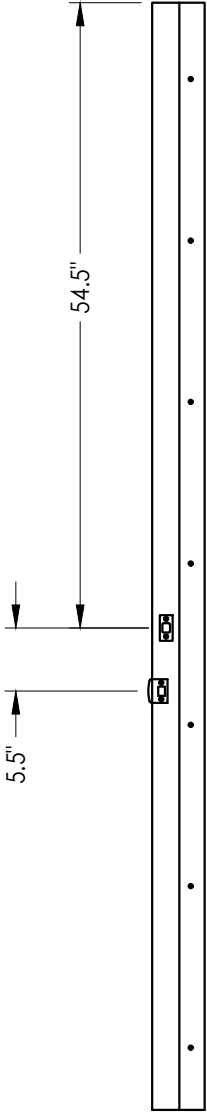
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DRAWING NO.: FL-15180.11

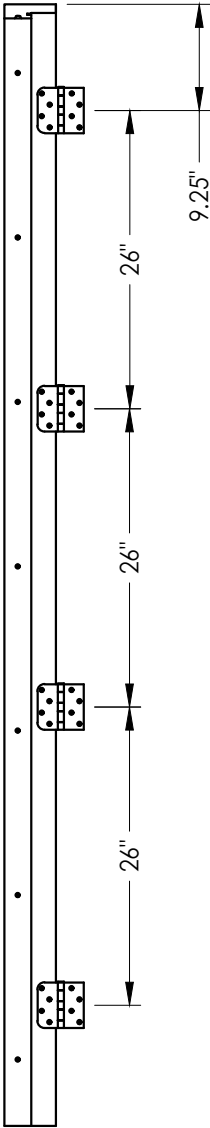
SHEET 9 OF 11

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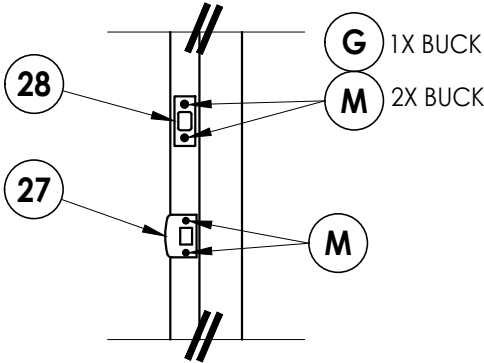
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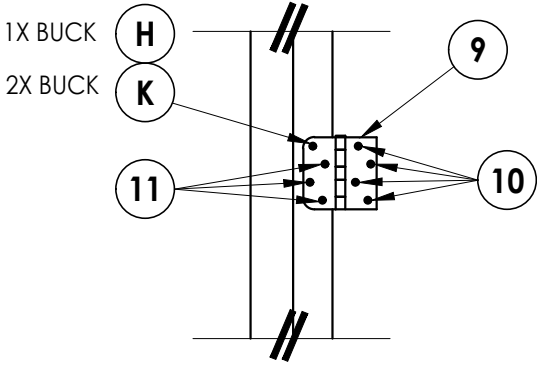
STRIKE JAMB



HINGE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL

| NO. | DATE      | REVISIONS                        |
|-----|-----------|----------------------------------|
| 4   | 8/15/23   | UPDATE TO 8TH ED. (2023) FBC LFS |
| 3   | 7/23/20   | UPDATE TO 7TH ED (2020) FBC LFS  |
| 2   | 7/24/17   | UPDATE TO 6TH ED. (2017) FBC JK  |
| 1   | 104/22/15 | UPDATE TO 5TH ED. (2014) FBC JK  |
|     |           | BY                               |

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15180.11

SHEET 10 OF 11

|                   |                                  |
|-------------------|----------------------------------|
| PRODUCT:          | PLASTPRO INC.<br>FIBERGLASS DOOR |
| PART OR ASSEMBLY: | HAREWARE DETAILS                 |

|                                                               |                                                                                                                                                |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 | <div>RW</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> |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

