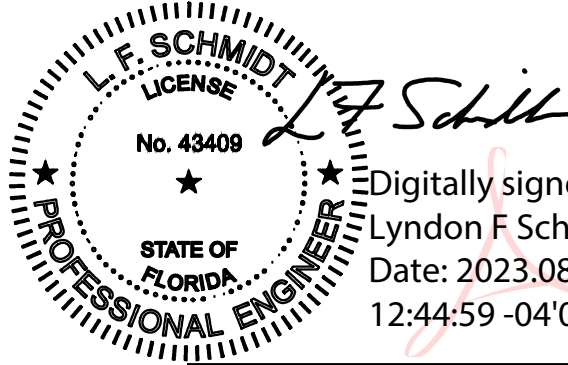




5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045



Digitally signed by  
Lyndon F Schmidt  
Date: 2023.08.23  
12:44:59 -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.

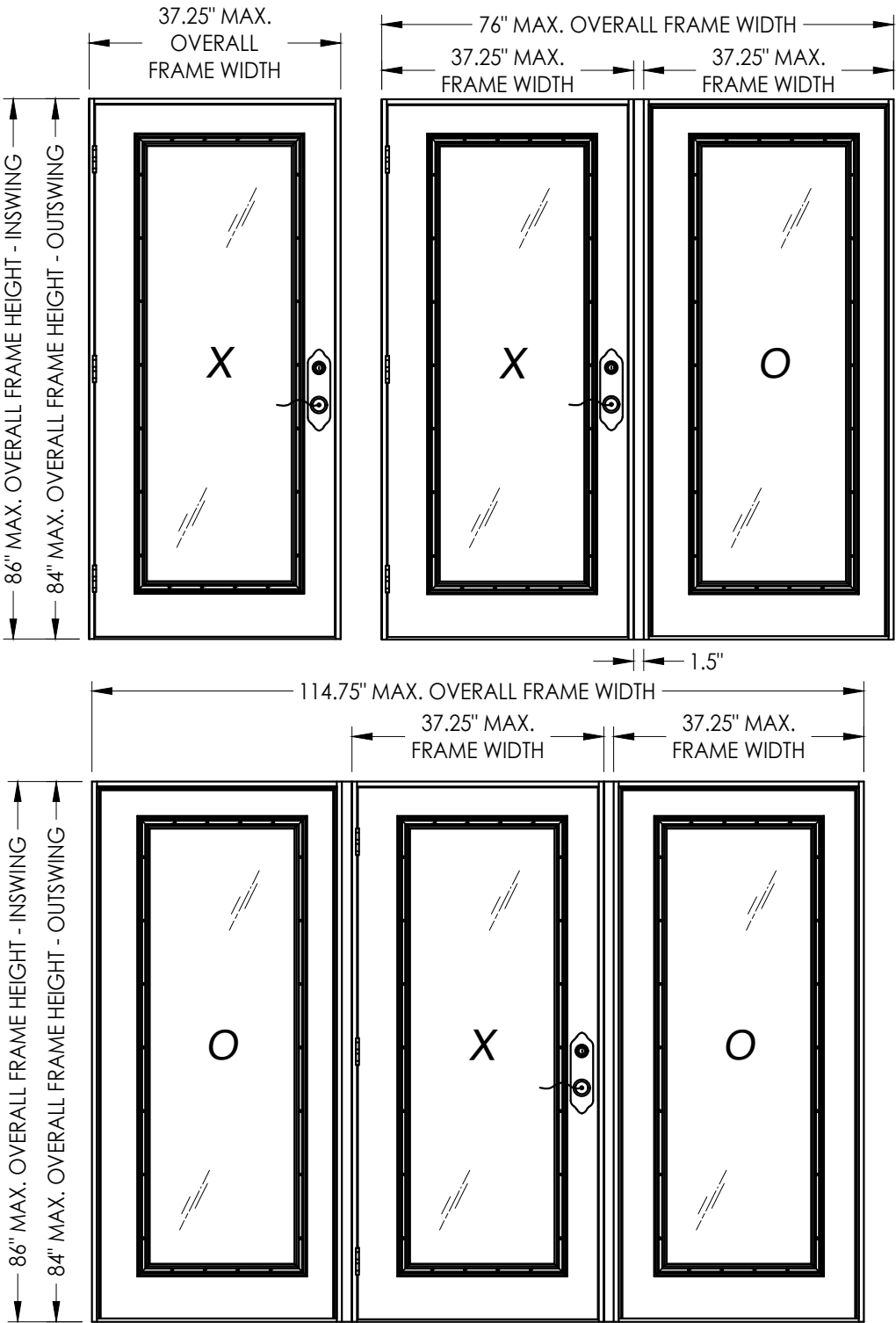
THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

GLAZED FIBERGLASS SINGLE DOOR  
w/ or w/out SIDELITES  
INSWING / OUTSWING  
"NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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                 | Sidelite panel details                               |
| 4                 | Horizontal cross sections                            |
| 5                 | Horizontal cross sections                            |
| 6                 | Vertical cross sections                              |
| 7                 | Vertical cross sections                              |
| 8                 | Buck & frame anchoring (X)                           |
| 9                 | Buck & frame anchoring (OX / XO)                     |
| 10                | Buck & frame anchoring (OXO)                         |
| 11                | Components                                           |
| 12                | Bill of materials & glazing detail                   |



| CONFIGURATION | MAX. FRAME DIMENSION | MAX. D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-----------------------|------------|-------------------------------|----------|--------------------------------|----------|
|               |                      |                       |            | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| X             | 37.25" x 86.00"      | 21.00" x 62.50"       | G1         | +45.0                         | -45.0    | +45.0                          | -45.0    |
| OX / XO       | 76.00" x 86.00"      | 21.00" x 62.50"       |            | +45.0                         | -45.0    | +45.0                          | -45.0    |
| OXO           | 114.75" x 86.00"     | 21.00" x 62.50"       |            | +45.0                         | -45.0    | +45.0                          | -45.0    |

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

PLASTPRO  
FIBERGLASS DOOR

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

|     |          |                               |     |     |
|-----|----------|-------------------------------|-----|-----|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023)      | FBC | LFS |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020)      | FBC | DAC |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017)      | FBC | JK  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |     | JK  |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014)      | FBC | JK  |
| NO. | DATE     |                               |     | BY  |

REVISIONS

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

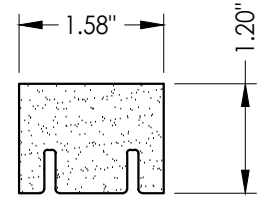
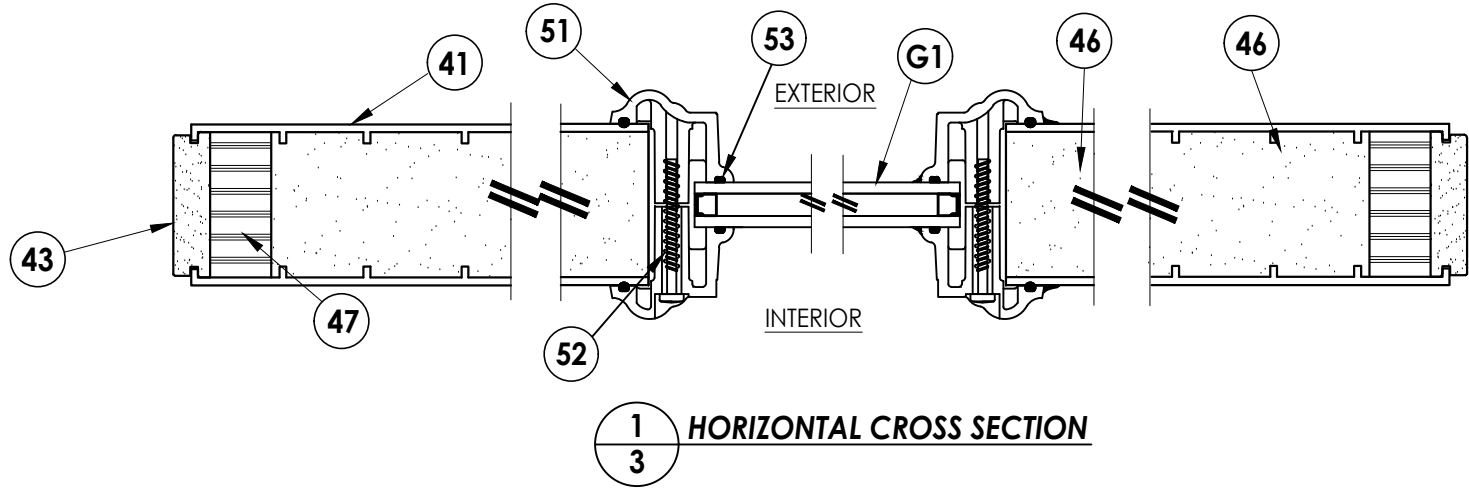
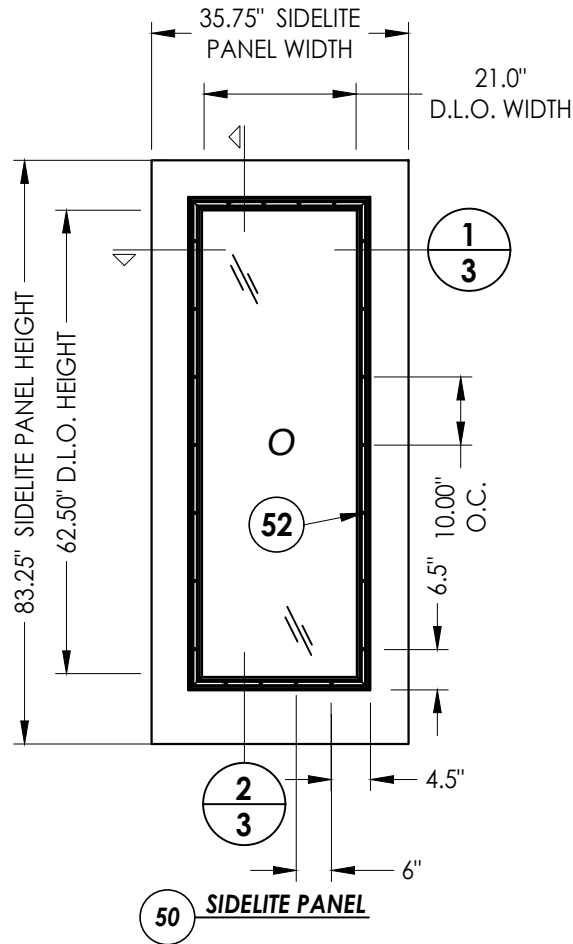
CHK. BY: LFS

DRAWING NO.: FL-17184.11

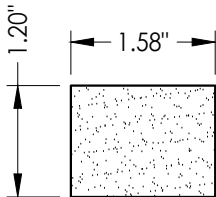
SHEET 1 OF 12

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

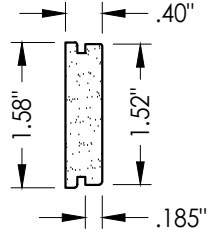




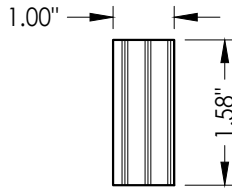
45 **BOTTOM RAIL**  
Cellular PVC



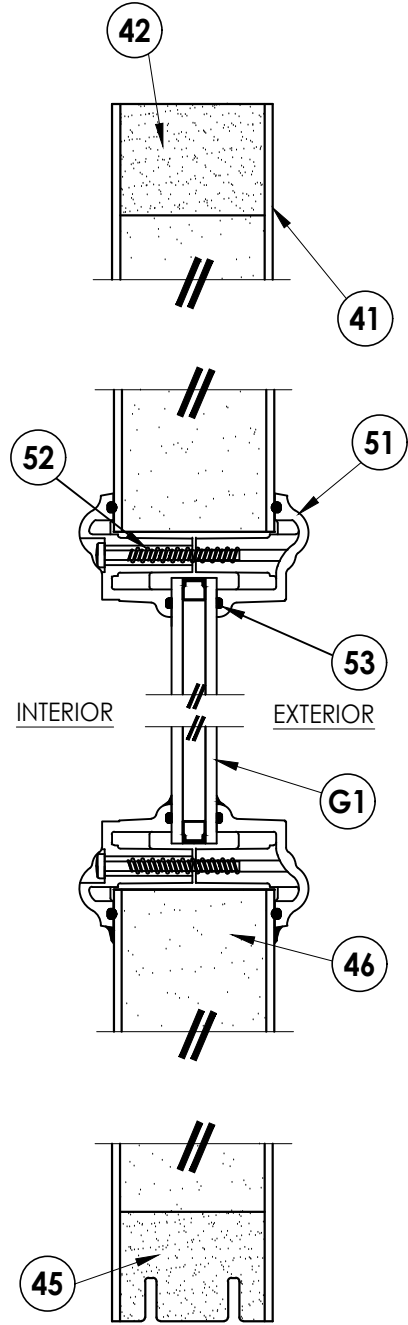
42 **TOP RAIL**  
Cellular PVC



43 **LATCH & HINGE STILE**  
Cellular PVC



47 **LATCH & HINGE STILE**  
Reinforcement



2/3 **VERTICAL CROSS SECTION**

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  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
SIDELITE PANEL DETAILS

| NO. | DATE     | REVISIONS                        |
|-----|----------|----------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC DAC |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC JK  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD JK |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC JK  |

DATE: 8/25/14

SCALE: N.T.S.

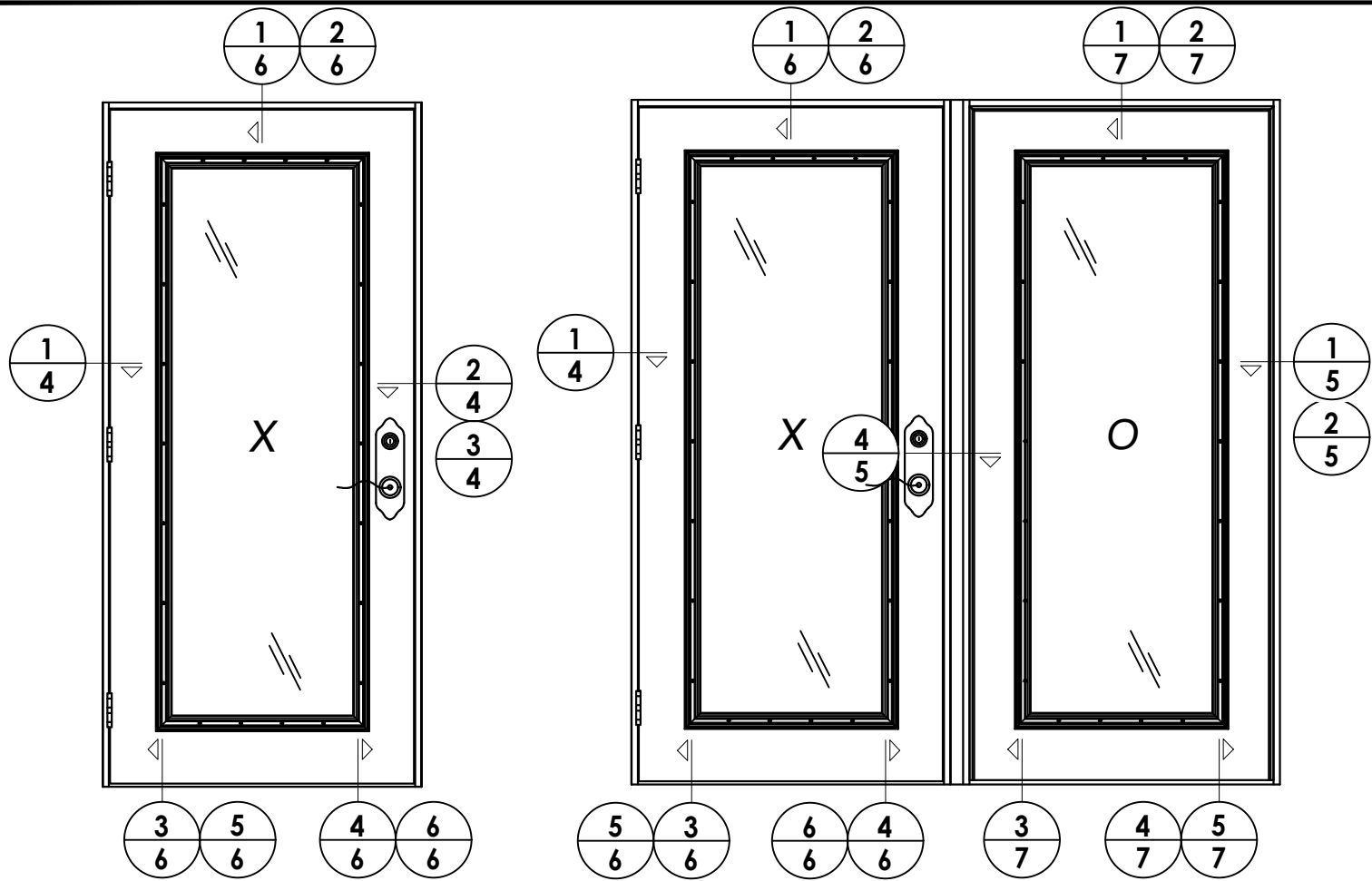
DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:  
FL-17184.11

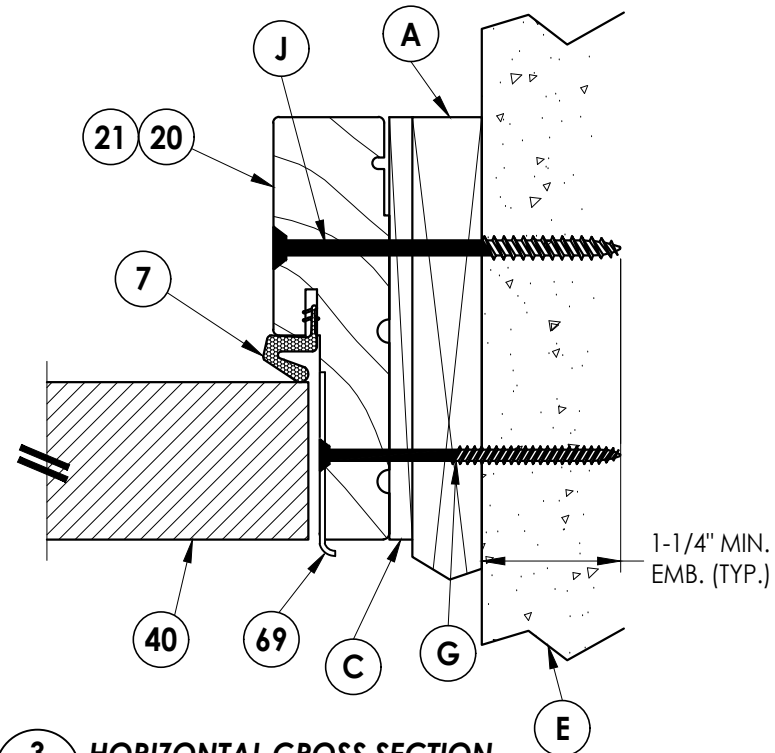
SHEET 3 OF 12

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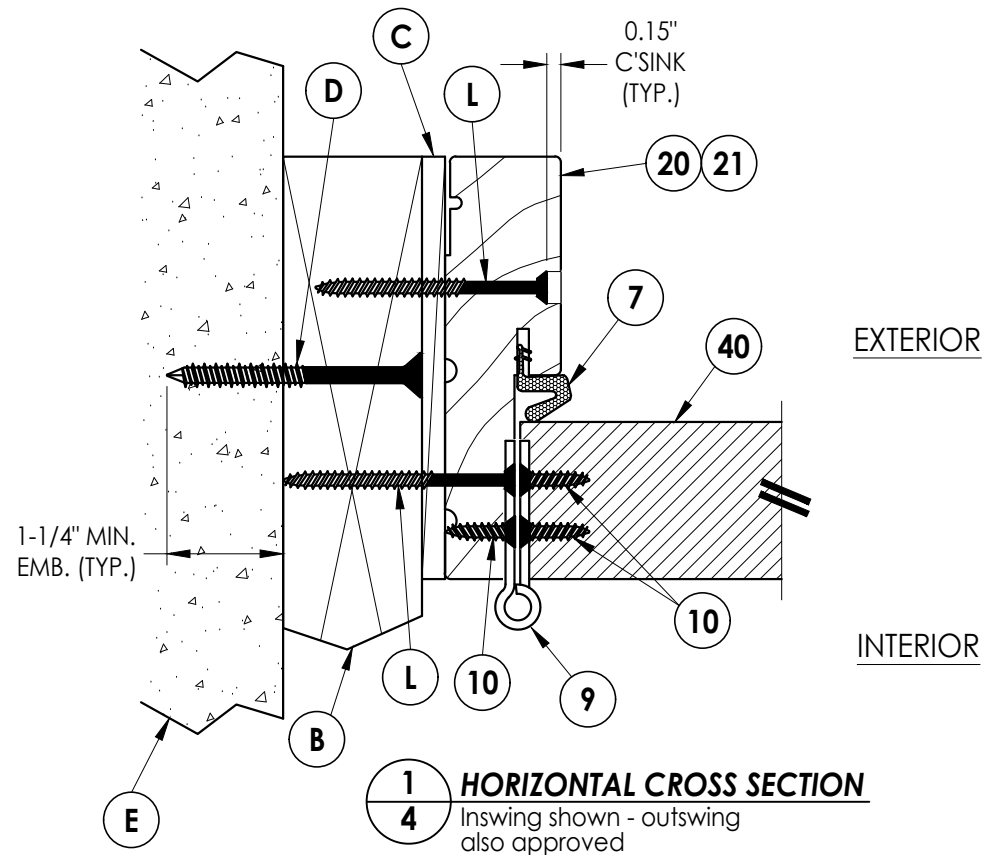


EXTERIOR

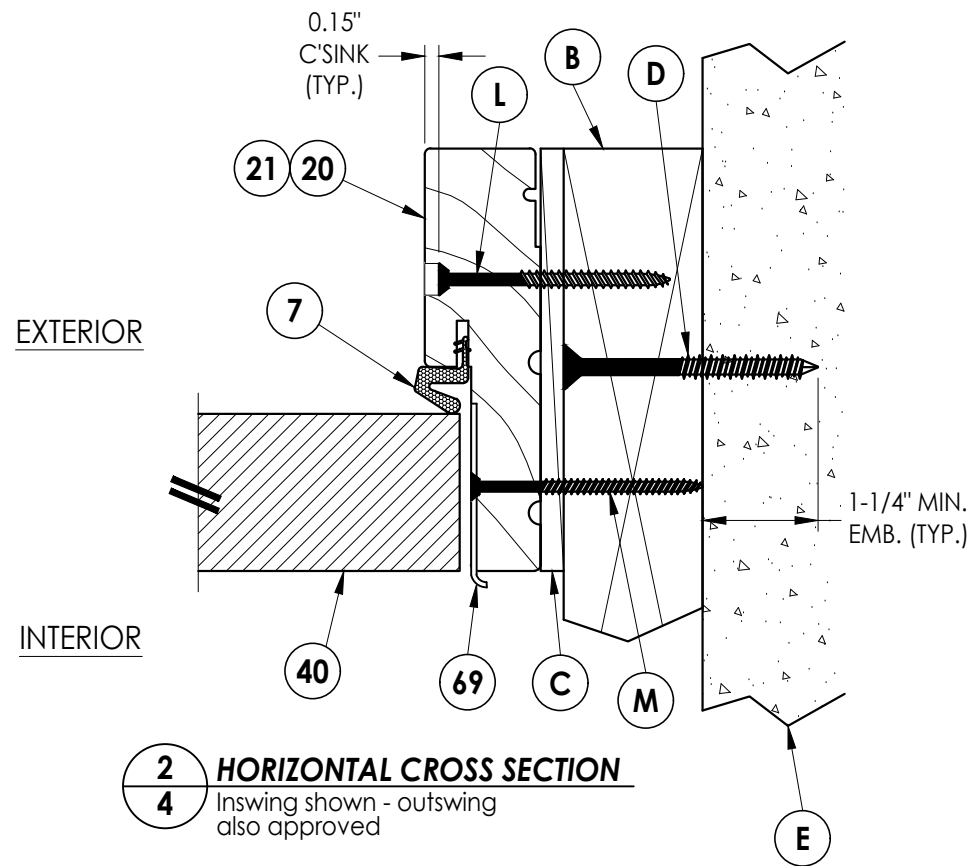
INTERIOR



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



**1 HORIZONTAL CROSS SECTION**  
4 Inswing shown - outswing also approved



**2 HORIZONTAL CROSS SECTION**  
4 Inswing shown - outswing also approved

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  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

| NO. | DATE     | REVISIONS                     |
|-----|----------|-------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC  |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC  |

DATE: 8/25/14

SCALE: N.T.S.

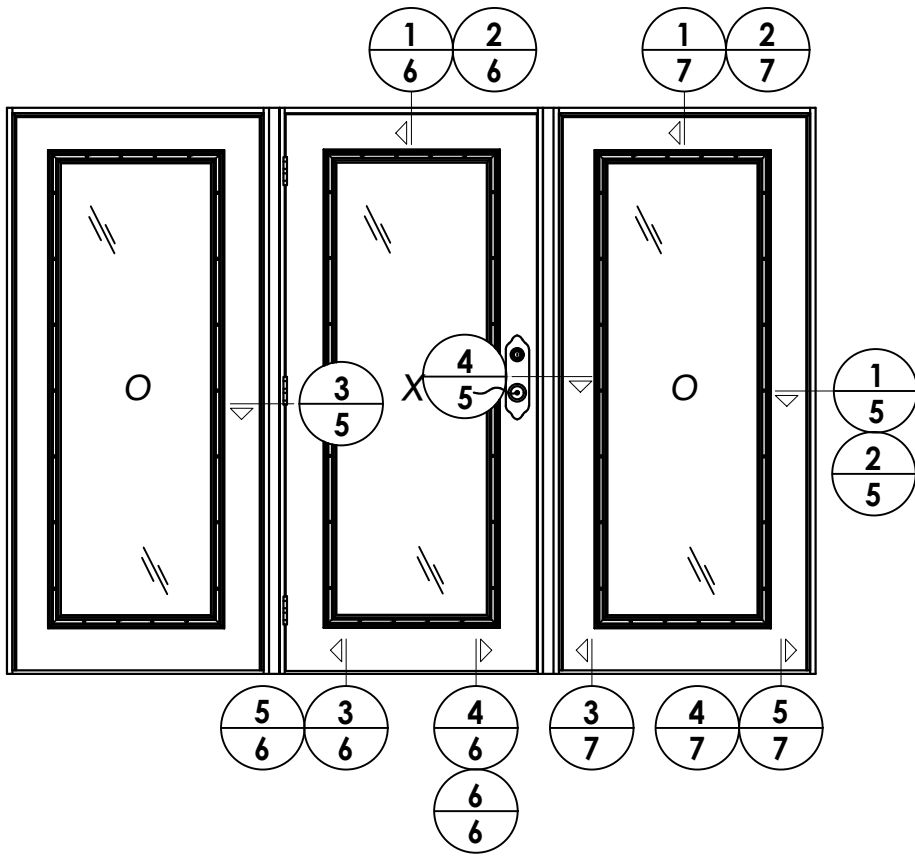
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CHK. BY: LFS

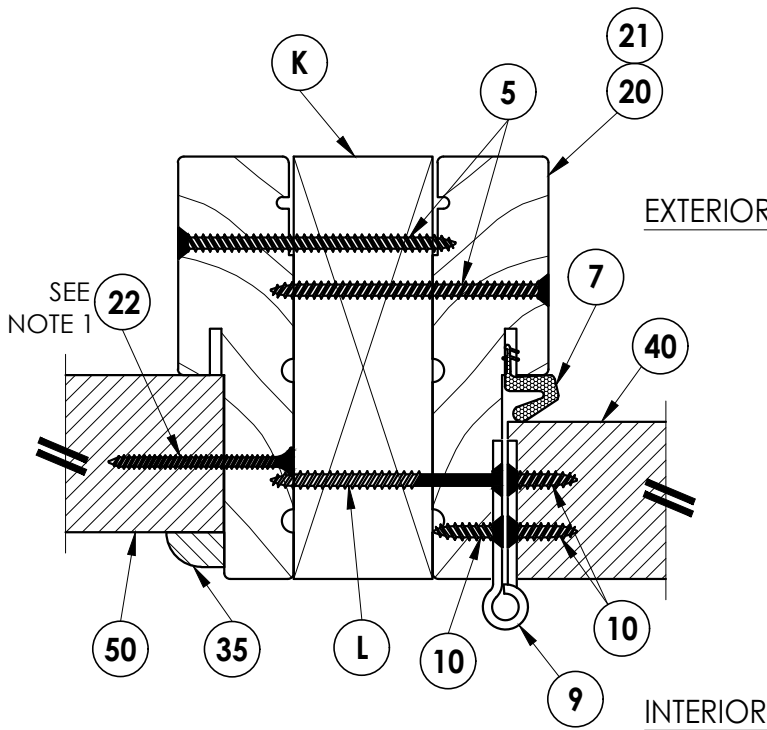
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FL-17184.11

SHEET 4 OF 12

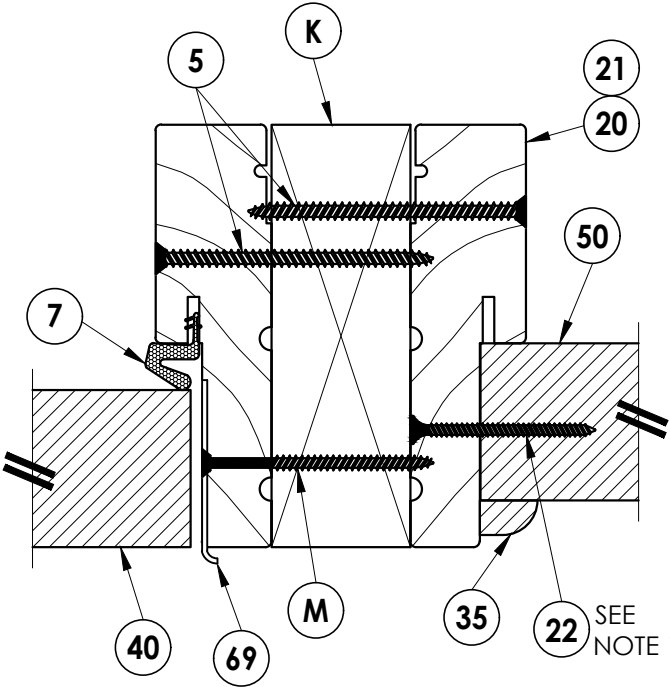
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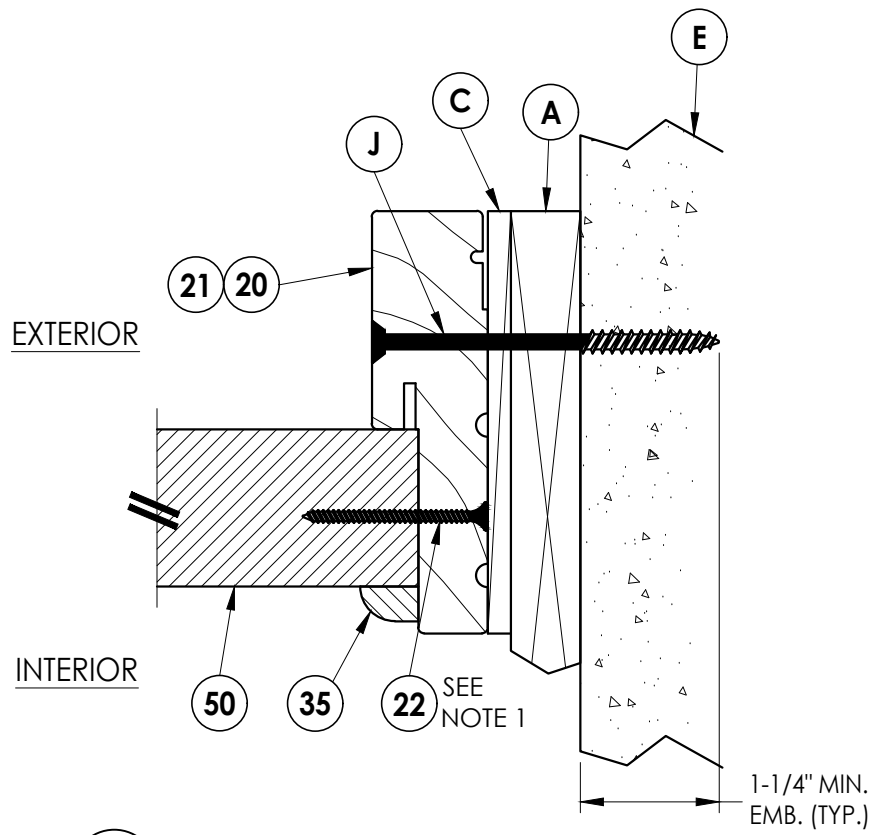
NOTE:  
1. Sidelite screws (item #22) located at 3", 6", 16", 27", 38", 49", 60", 70" and 80" from bottom of panel.



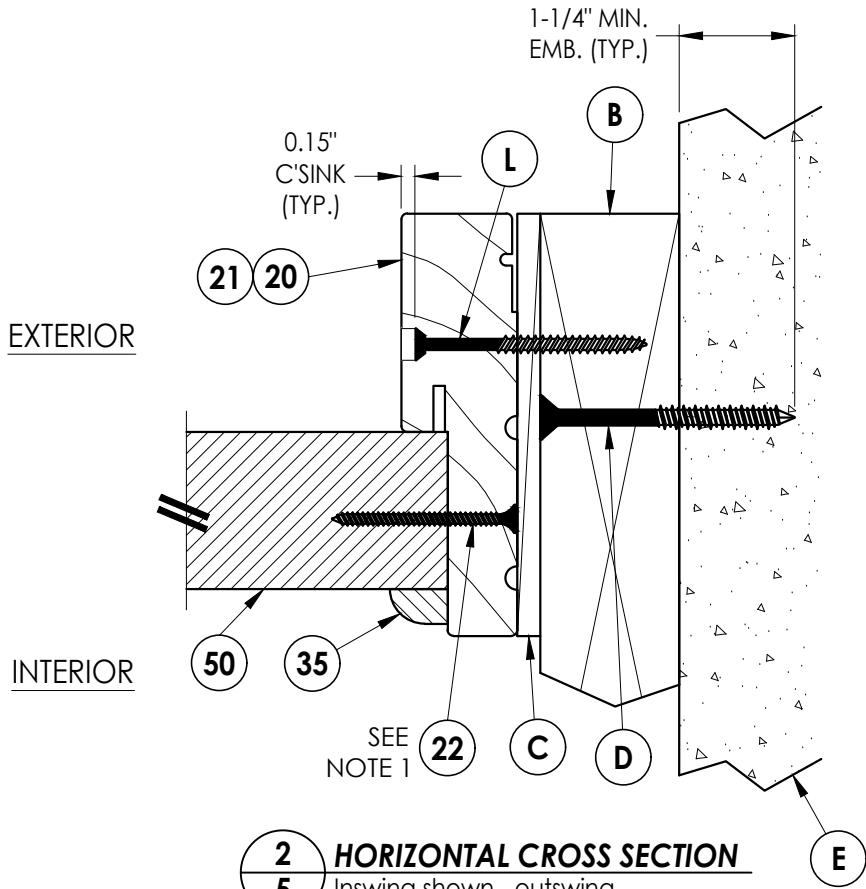
**3**  
**5** **HORIZONTAL CROSS SECTION**  
Inswing shown - outswing also approved



**4**  
**5** **HORIZONTAL CROSS SECTION**  
Inswing shown - outswing also approved



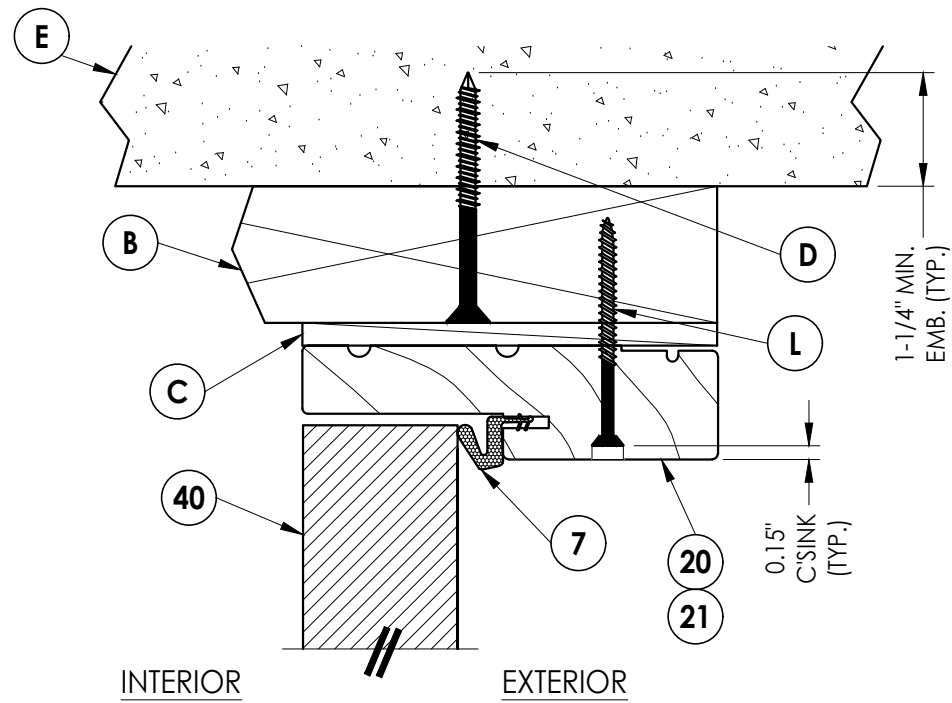
**1**  
**5** **HORIZONTAL CROSS SECTION**  
Shown w/1X sub-buck



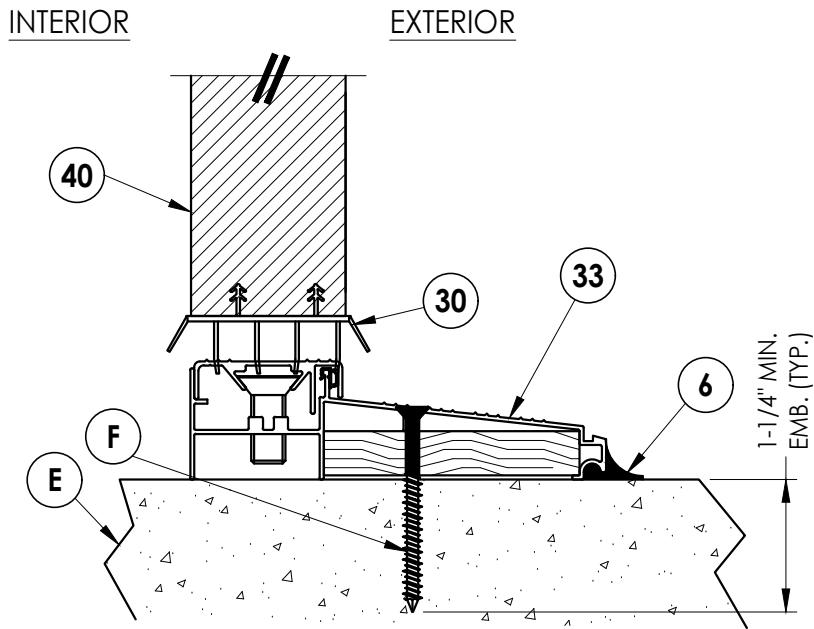
**2**  
**5** **HORIZONTAL CROSS SECTION**  
Inswing shown - outswing also approved

|                   |          |                               |     |                                                                                     |  |                                                                                                                    |  |
|-------------------|----------|-------------------------------|-----|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| PRODUCT:          |          | PLASTPRO<br>FIBERGLASS DOOR   |     | 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 |  |
| PART OR ASSEMBLY: |          | HORIZONTAL CROSS SECTIONS     |     |  |  |                                                                                                                    |  |
| NO.               |          | DATE                          |     | REVISIONS                                                                           |  |                                                                                                                    |  |
| 5                 | 8/23/23  | UPDATE TO 8TH ED. (2023)      | FBC | LFS                                                                                 |  |                                                                                                                    |  |
| 4                 | 8/04/20  | UPDATE TO 7TH ED. (2020)      | FBC | DAC                                                                                 |  |                                                                                                                    |  |
| 3                 | 08/02/17 | UPDATE TO 6TH ED. (2017)      | FBC | JK                                                                                  |  |                                                                                                                    |  |
| 2                 | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD | JK  | JK                                                                                  |  |                                                                                                                    |  |
| 1                 | 04/22/15 | UPDATE TO 5TH ED. (2014)      | FBC | JK                                                                                  |  |                                                                                                                    |  |
| DATE:             |          | 8/25/14                       |     |                                                                                     |  |                                                                                                                    |  |
| SCALE:            |          | N.T.S.                        |     |                                                                                     |  |                                                                                                                    |  |
| DWG. BY:          |          | AL                            |     |                                                                                     |  |                                                                                                                    |  |
| CHK. BY:          |          | LFS                           |     |                                                                                     |  |                                                                                                                    |  |
| DRAWING NO.:      |          | FL-17184.11                   |     |                                                                                     |  |                                                                                                                    |  |
| SHEET             |          | 5                             |     | OF                                                                                  |  | 12                                                                                                                 |  |

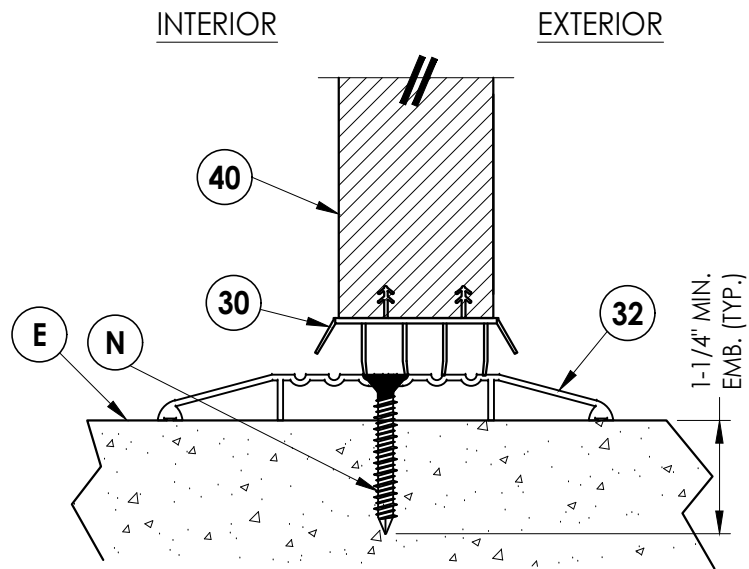
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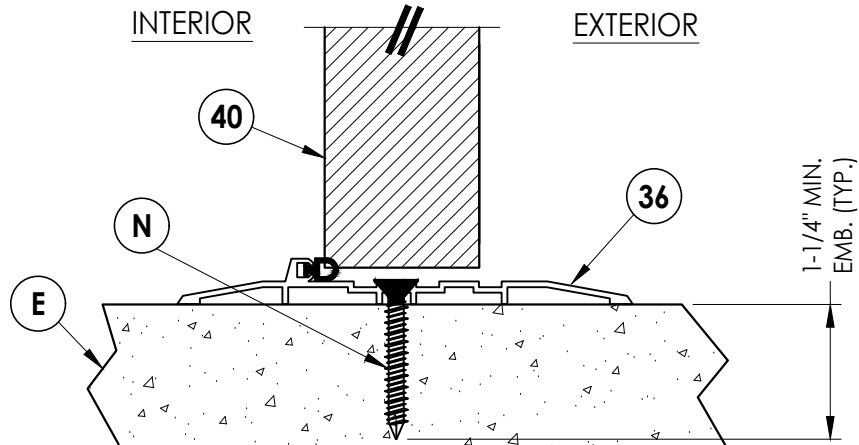
**1**  
**6** **VERTICAL CROSS SECTION**  
Inswing shown - outswing  
also approved



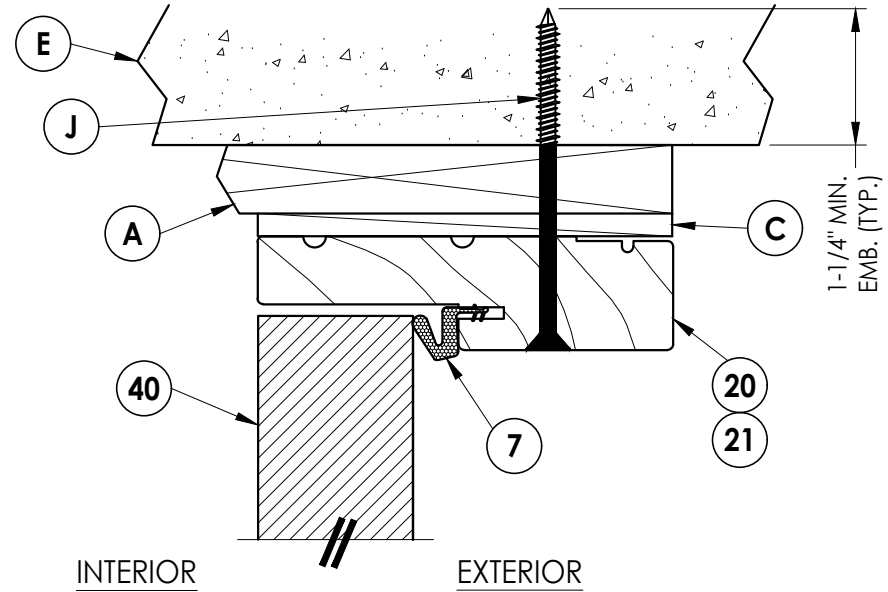
**3**  
**6** **VERTICAL CROSS SECTION**  
Inswing configuration



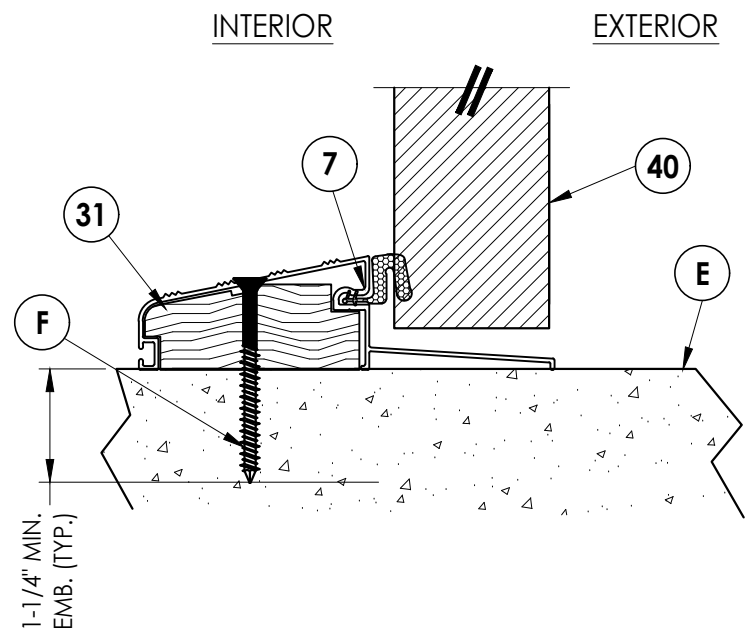
**5**  
**6** **VERTICAL CROSS SECTION**  
Shown w/ ADA threshold



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



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



**4**  
**6** **VERTICAL CROSS SECTION**  
Outswing configuration

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

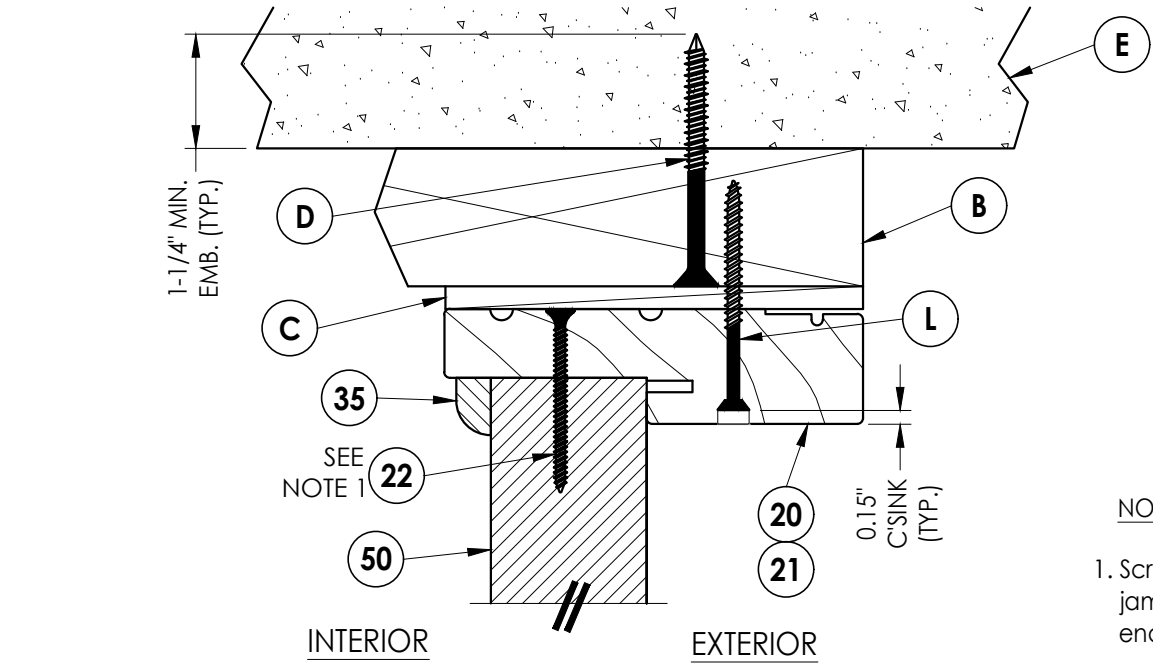
PRODUCT:  
PLASTPRO  
FIBERGLASS DOOR

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

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

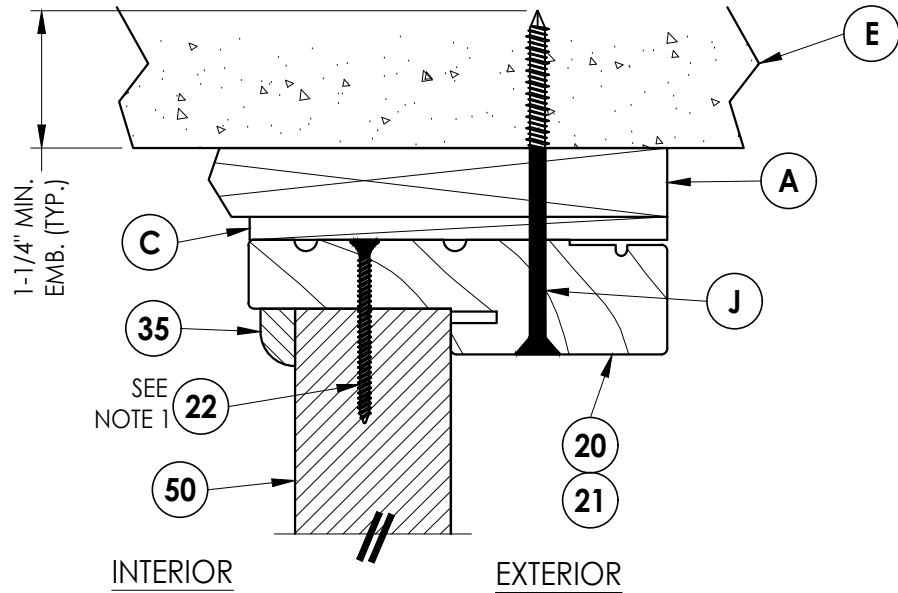
| NO.                      | DATE     | REVISIONS |           |      |                               |
|--------------------------|----------|-----------|-----------|------|-------------------------------|
|                          |          | BY        | CHK       | DATE | DESCRIPTION                   |
| 5                        | 8/23/23  | LFS       | FBC       |      | UPDATE TO 8TH ED. (2023)      |
| 4                        | 8/04/20  | DAC       | FBC       |      | UPDATE TO 7TH ED. (2020)      |
| 3                        | 08/02/17 | JK        | FBC       |      | UPDATE TO 6TH ED. (2017)      |
| 2                        | 3/10/16  | JK        | THRESHOLD |      | ADDED ADA O.S. BUMP THRESHOLD |
| 1                        | 04/22/15 | JK        | FBC       |      | UPDATE TO 5TH ED. (2014)      |
| DATE: 8/25/14            |          |           |           |      |                               |
| SCALE: N.T.S.            |          |           |           |      |                               |
| DWG. BY: AL              |          |           |           |      |                               |
| CHK. BY: LFS             |          |           |           |      |                               |
| DRAWING NO.: FL-17184.11 |          |           |           |      |                               |
| SHEET 6 OF 12            |          |           |           |      |                               |

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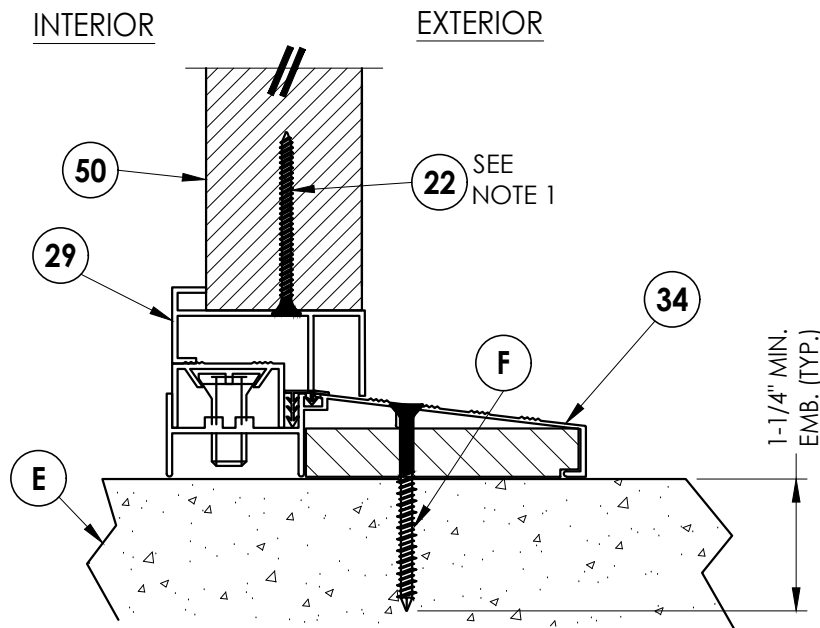


**1 VERTICAL CROSS SECTION**  
Inswing shown - outswing  
also approved

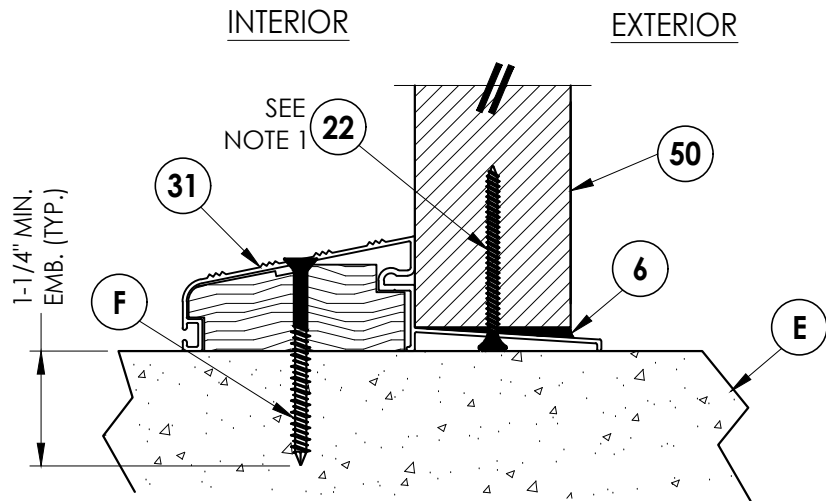
NOTE:  
1. Screws thru head and sill  
jamb located 3" from each  
end and O.C. (TYP.) line.



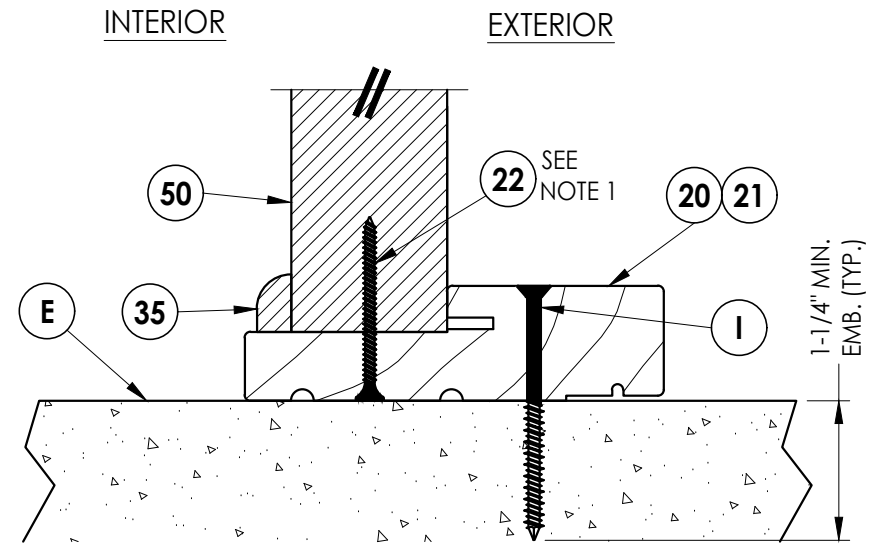
**2 VERTICAL CROSS SECTION**  
Shown w/1X sub-buck



**3 VERTICAL CROSS SECTION**  
Inswing configuration



**4 VERTICAL CROSS SECTION**  
Outswing configuration



**5 VERTICAL CROSS SECTION**  
Outswing configuration

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  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

| NO. | DATE     | REVISIONS                     |
|-----|----------|-------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC  |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC  |

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

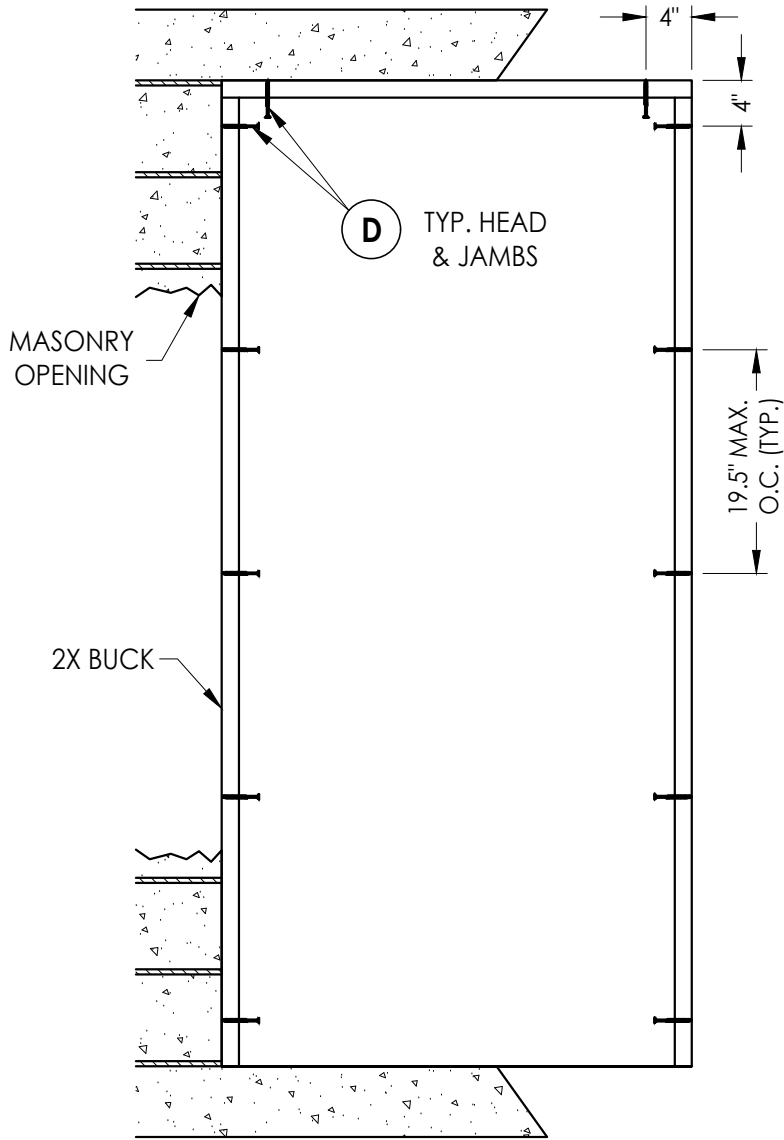
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DRAWING NO.:

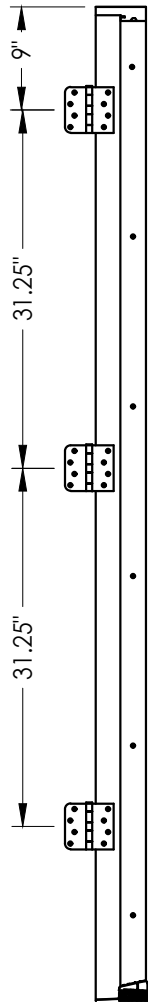
FL-17184.11

SHEET 7 OF 12

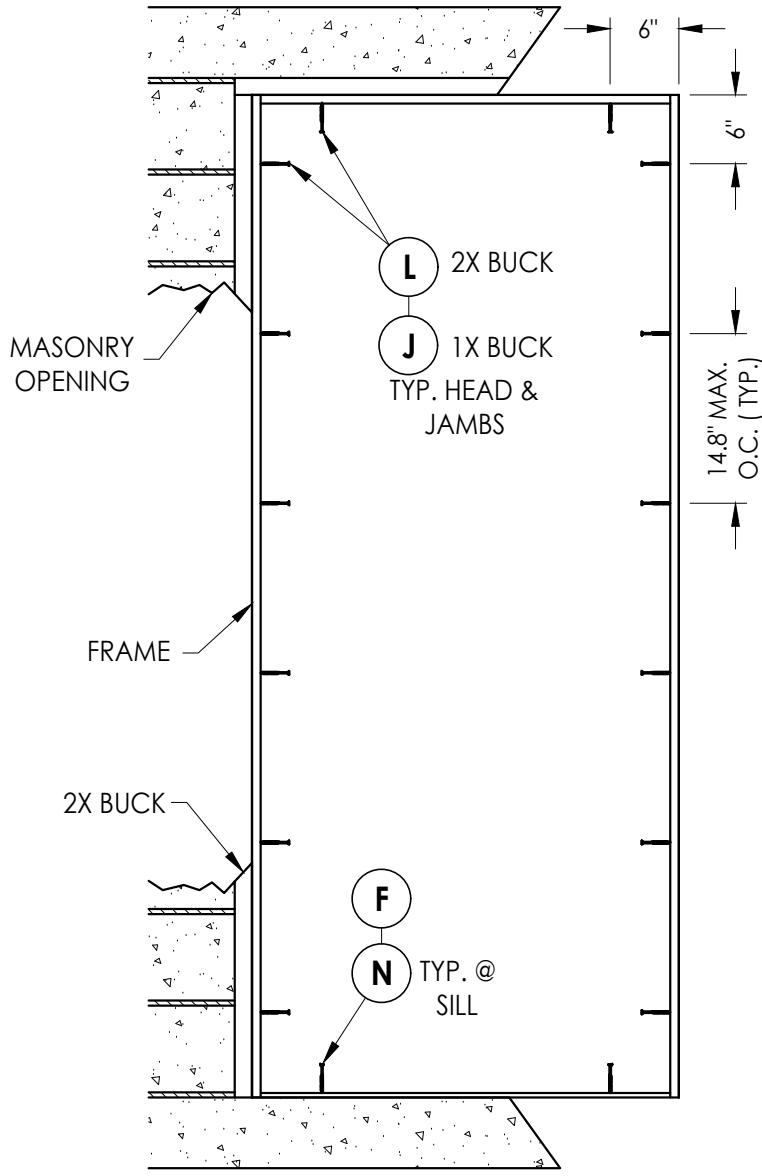
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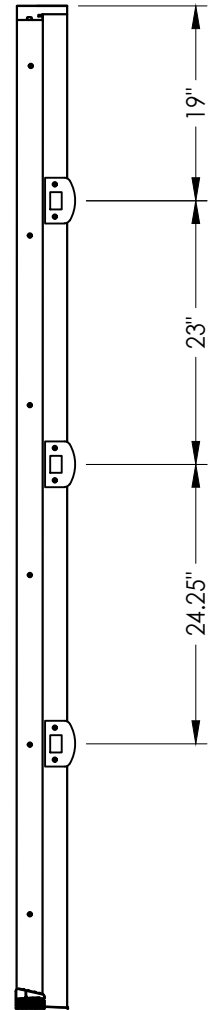
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING  
Masonry construction



STRIKE JAMB

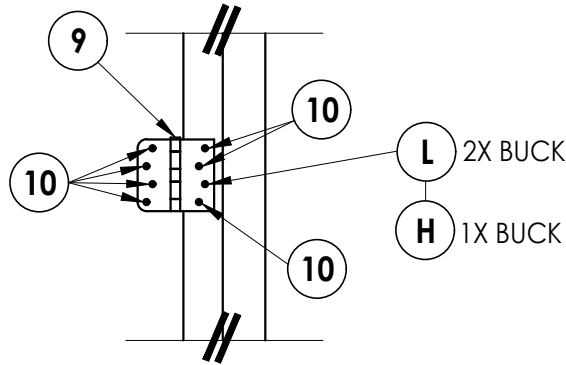
CONCRETE ANCHOR NOTES:

- 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:

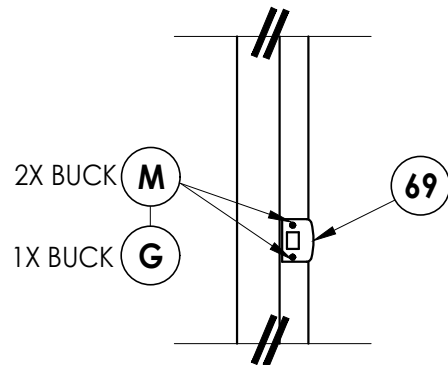
| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®      | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRACON® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |
| 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.



HINGE DETAIL



LATCH DETAIL

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

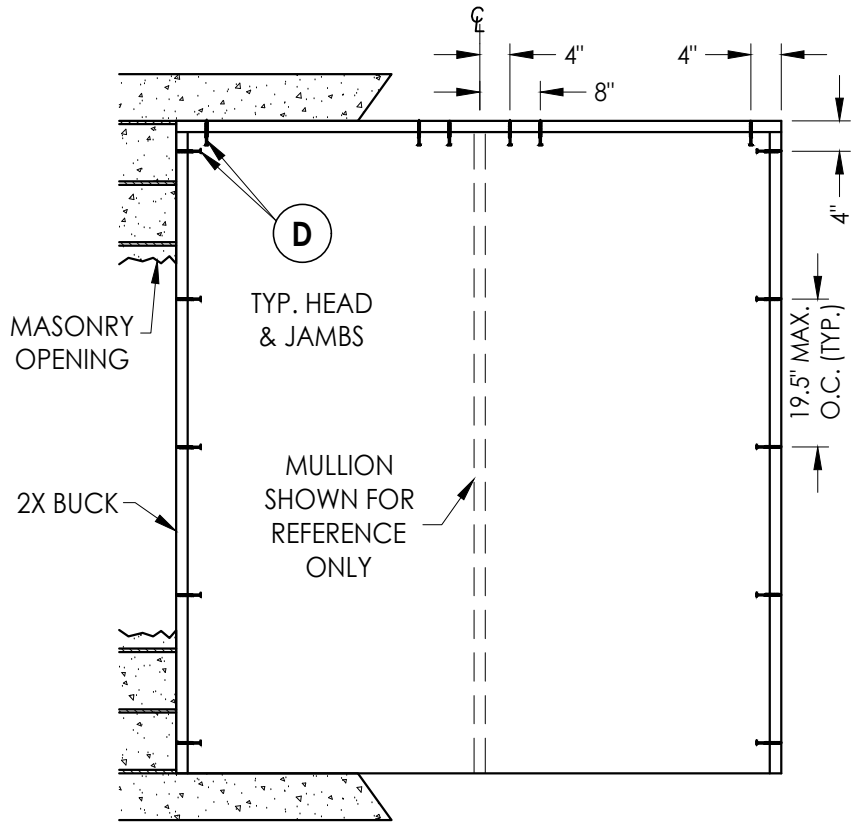
PRODUCT:  
PLASTPRO  
FIBERGLASS DOOR

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

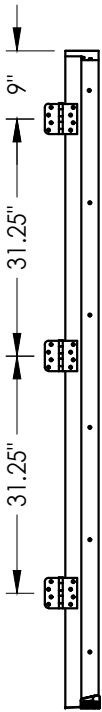
PART OR ASSEMBLY:  
BUCK AND FRAME ANCHORING  
(X)

| NO.          | DATE        | REVISIONS                     |
|--------------|-------------|-------------------------------|
| 5            | 8/23/23     | UPDATE TO 8TH ED. (2023) FBC  |
| 4            | 8/04/20     | UPDATE TO 7TH ED. (2020) FBC  |
| 3            | 08/02/17    | UPDATE TO 6TH ED. (2017) FBC  |
| 2            | 3/10/16     | ADDED ADA O.S. BUMP THRESHOLD |
| 1            | 04/22/15    | UPDATE TO 5TH ED. (2014) FBC  |
| NO.          | DATE        | BY                            |
| DATE:        | 8/25/14     |                               |
| SCALE:       | N.T.S.      |                               |
| DWG. BY:     | AL          |                               |
| CHK. BY:     | LFS         |                               |
| DRAWING NO.: | FL-17184.11 |                               |
| SHEET        | 8           | OF 12                         |

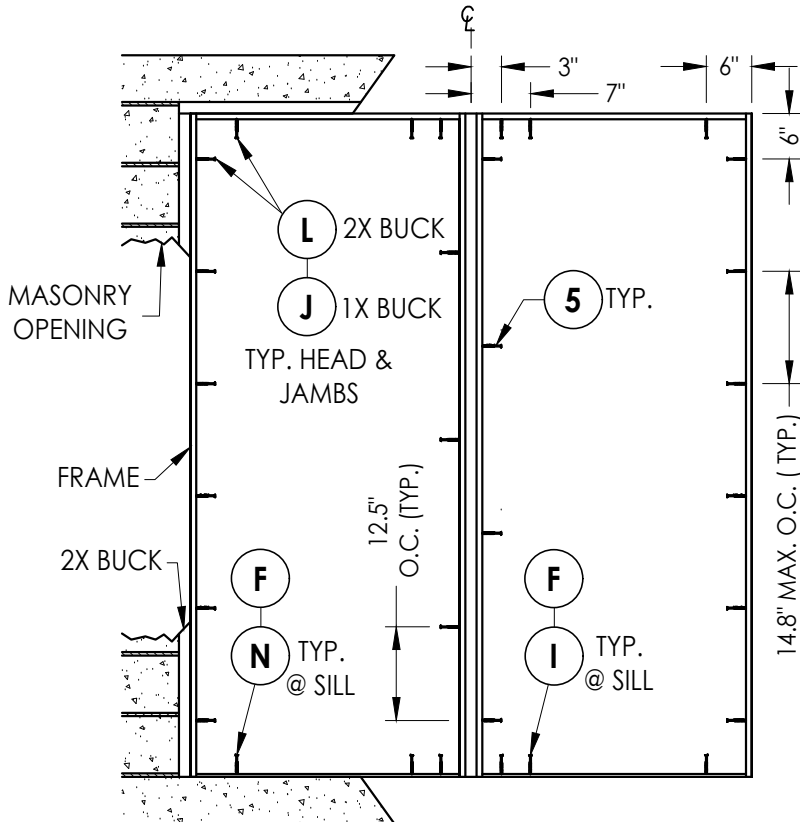
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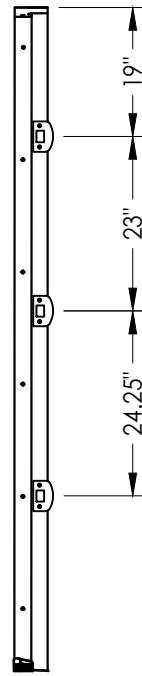
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING  
Masonry construction



STRIKE JAMB

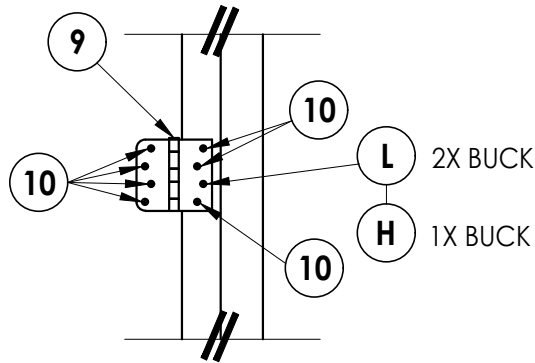
CONCRETE ANCHOR NOTES:

- 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:

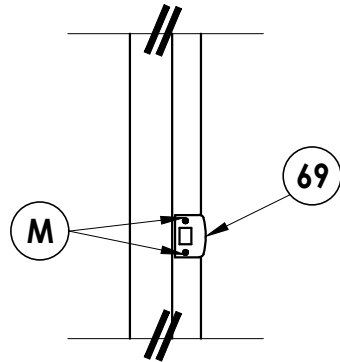
| ANCHOR TYPE        | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|--------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®        | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRA CON+® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

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.



HINGE DETAIL

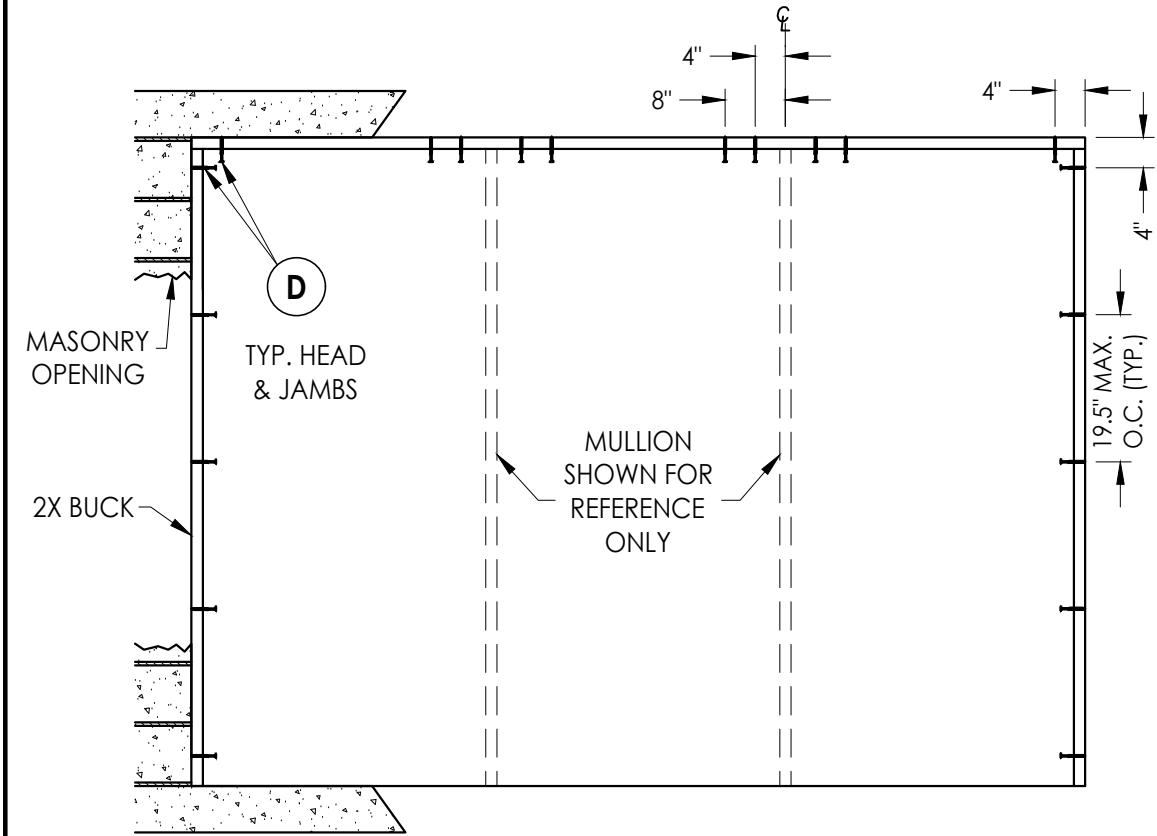


LATCH DETAIL

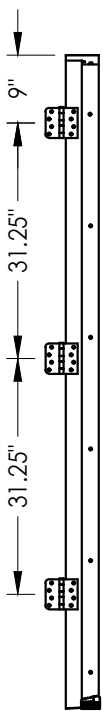
| PRODUCT:                 |          | PART OR ASSEMBLY:              |     |
|--------------------------|----------|--------------------------------|-----|
| PLASTPRO FIBERGLASS DOOR |          | BUCK & FRAME ANCHORING (OX/XO) |     |
| NO.                      | DATE     | REVISIONS                      | BY  |
| 5                        | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC   | LFS |
| 4                        | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC   | DAC |
| 3                        | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC   | JK  |
| 2                        | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD  | JK  |
| 1                        | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC   | JK  |
| DATE: 8/25/14            |          |                                |     |
| SCALE: N.T.S.            |          |                                |     |
| DWG. BY: AL              |          |                                |     |
| CHK. BY: LFS             |          |                                |     |
| DRAWING NO.: FL-17184.11 |          |                                |     |
| SHEET 9 OF 12            |          |                                |     |

|                                                               |  |                                                                                                                    |  |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| 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 |  |
|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|

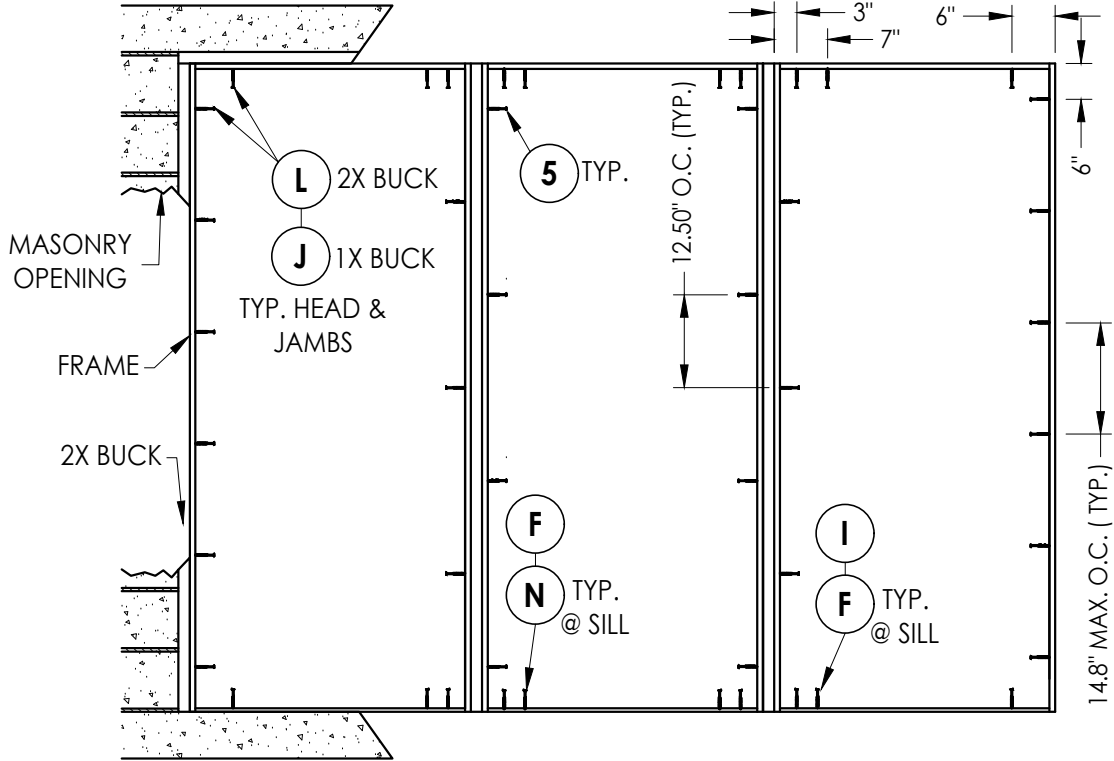
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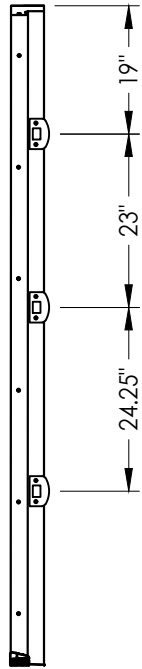
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING  
Masonry construction



STRIKE JAMB

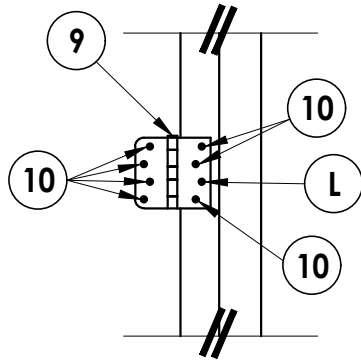
CONCRETE ANCHOR NOTES:

- 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:

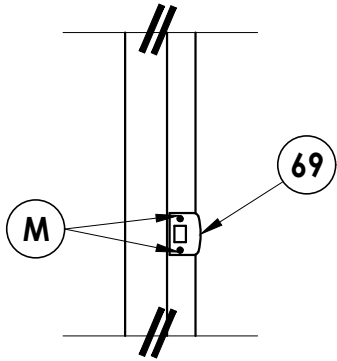
| ANCHOR TYPE       | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®       | 1/4"        | 1-1/4"         | 2"                             | 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.



HINGE DETAIL



LATCH DETAIL

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

PRODUCT:  
PLASTPRO  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING  
(OXO)

| NO. | DATE     | REVISIONS                     |
|-----|----------|-------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020) FBC  |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC  |

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

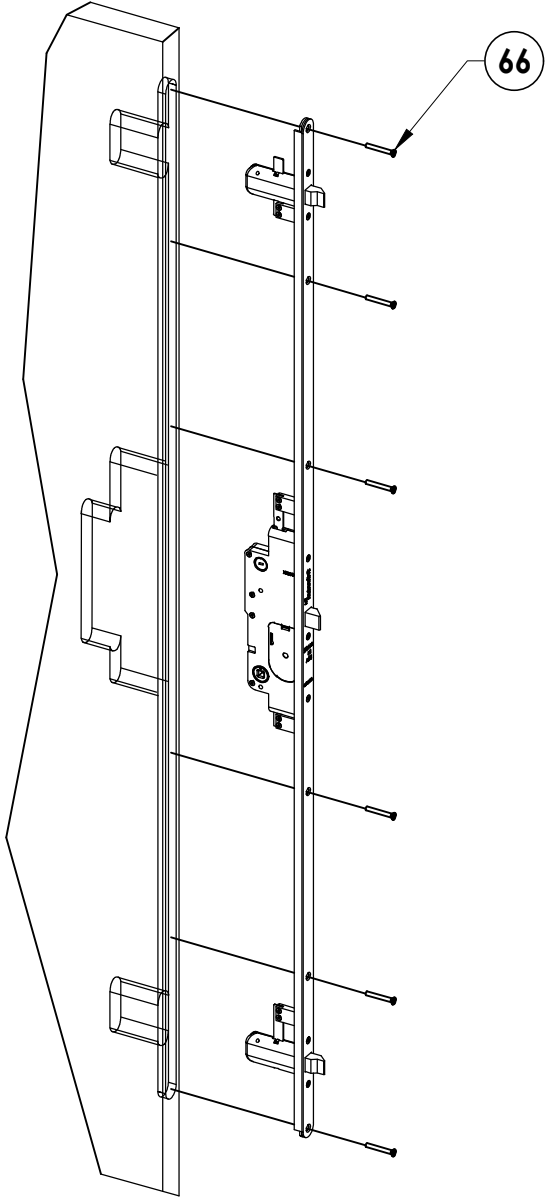
CHK. BY: LFS

DRAWING NO.: FL-17184.11

SHEET 10 OF 12

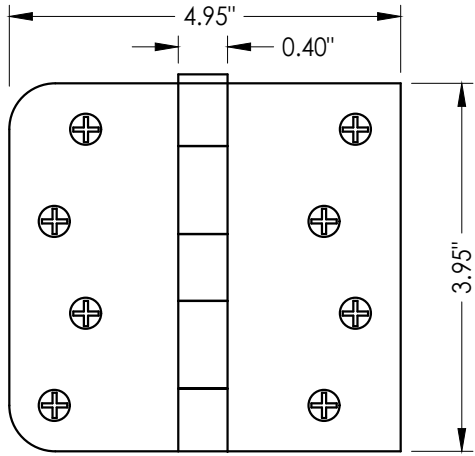
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

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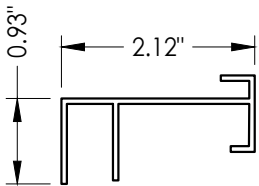


65 **MULTI-POINT LOCK**  
Trilennium by Endura

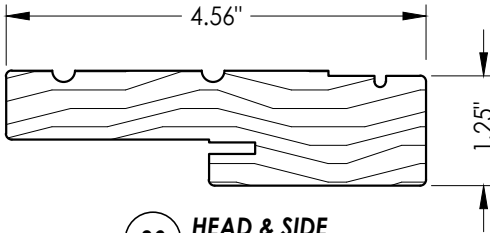
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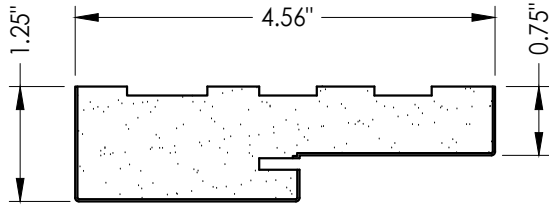
9 **HINGE**



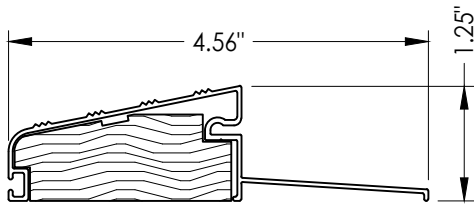
29 **SIDELITE SPACER**  
ISSLB



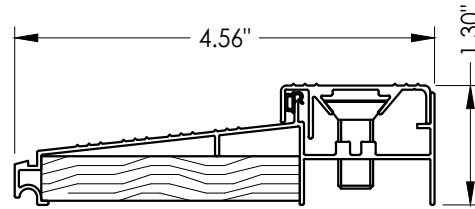
20 **HEAD & SIDE**  
Jamb



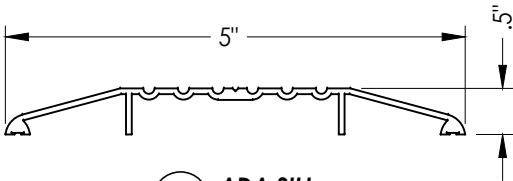
21 **HEAD & SIDE**  
Poly fiber jamb



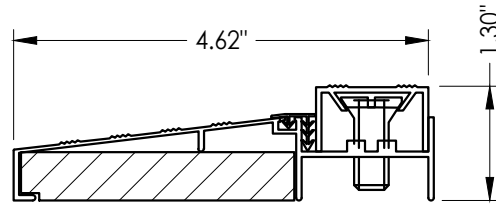
31 **OUTSWING THRESHOLD**  
QOSH



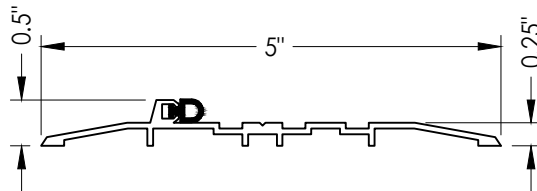
33 **INSWING THRESHOLD**  
ISCS



32 **ADA SILL**  
ISHC



34 **SIDELITE THRESHOLD**  
ISH/ EIS



36 **OUTSWING ADA BUMP THRESHOLD**  
OSHC

| NO. | DATE     | REVISIONS                     |     |     |    |    |
|-----|----------|-------------------------------|-----|-----|----|----|
|     |          | BY                            | JK  | JK  | JK | JK |
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023)      | FBC | LFS |    |    |
| 4   | 8/04/20  | UPDATE TO 7TH ED. (2020)      | FBC | DAC |    |    |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017)      | FBC | JK  |    |    |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |     | JK  |    |    |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014)      | FBC | JK  |    |    |

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:

FL-17184.11

SHEET 11 OF 12

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

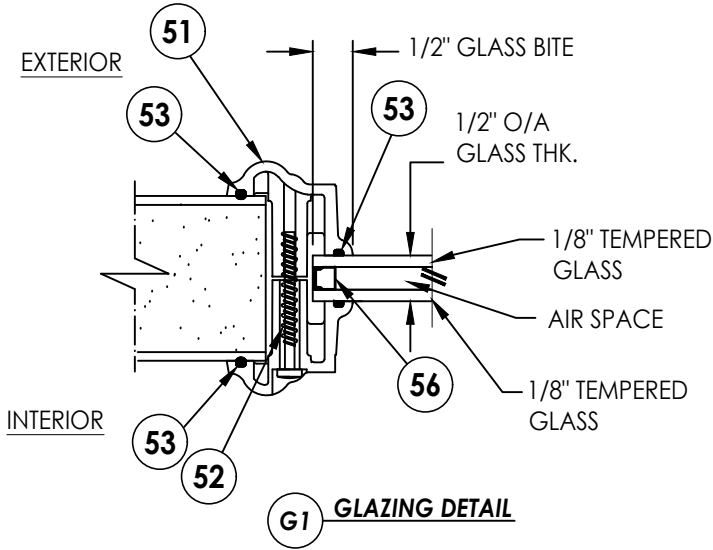
PRODUCT:  
PLASTPRO  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
COMPONENTS

**RW** 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     |
| A                 | 1X BUCK SG >= 0.55                                                                             | WOOD         |
| B                 | 2X BUCK SG >= 0.55                                                                             | WOOD         |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -            |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE     |
| F                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| G                 | 3/16" X 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL        |
| H                 | 1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| I                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| J                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| K                 | 2X REINFORCEMENT (CLEAR PINE SG >= 0.42)                                                       | STEEL        |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL        |
| M                 | #8 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL        |
| N                 | 1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL        |
| 5                 | #10 X 3" PFH SCREW                                                                             | STEEL        |
| 6                 | SEALANT                                                                                        | SILICONE     |
| 7                 | WEATHERSTRIP BY Q-LON                                                                          | FOAM         |
| 9                 | 4" HINGE                                                                                       | STEEL        |
| 10                | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL        |
| 20                | JAMB FINGER - JOINT - PINE (SG >= 0.42)                                                        | WOOD         |
| 21                | POLY FIBER JAMB                                                                                | POLY FIBER   |
| 22                | #7 X 2" PFH DRYWALL SCREW                                                                      | STEEL        |
| 29                | SIDELITE SPACER (ISSLB)                                                                        | PVC          |
| 30                | DOOR SWEEP                                                                                     | ALUM.        |
| 31                | OUTSWING THRESHOLD BY DLP (QOSH)                                                               | ALUM. / WOOD |
| 32                | ADA THRESHOLD BY DLP (ISHC)                                                                    | ALUM. / WOOD |
| 33                | INSWING THRESHOLD BY DLP (ISCS)                                                                | ALUM. / WOOD |
| 34                | SIDELITE THRESHOLD BY DLP (ISH/ EIS)                                                           | ALUM. / WOOD |
| 35                | TRIM                                                                                           | WOOD         |
| 36                | OUTSWING ADA BUMP THRESHOLD                                                                    | ALUMINUM     |
| 40                | DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS                              | -            |
| 41                | DOOR SKIN (MIN. 0.075" THICK) PLAST-PRO/NANYA Fy = 11,063 PSI MIN.                             | FIBERGLASS   |
| 42                | TOP RAIL                                                                                       | CELLULAR PVC |
| 43                | LATCH & HINGE STILE                                                                            | CELLULAR PVC |
| 44                | LOCK BLOCK (SG >= 0.42)                                                                        | WOOD         |
| 45                | BOTTOM RAIL                                                                                    | CELLULAR PVC |
| 46                | FOAM CORE                                                                                      | POLYURETHANE |
| 47                | LATCH & HINGE STILE REINFORCEMENT                                                              | LVL          |
| 50                | SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS                      | -            |
| 51                | ODL LITE FRAME                                                                                 | PVC          |
| 52                | #10 X 1-3/4" PFH SCREW                                                                         | STEEL        |
| 53                | GLAZING COMPOUND BY Q'SO                                                                       | P/MERIC FOAM |
| 56                | GLAZING SPACER                                                                                 | ALUMINUM     |
| 65                | MULTI-POINT LOCK ASSEMBLY TRILENNIUM BY ENDURA                                                 | -            |
| 66                | #10 X 1-1/2" PFH SCREW                                                                         | ALUMINUM     |
| 69                | MULTI-POINT STRIKE PLATE                                                                       | ALUMINUM     |



|                                                               |          |                                                                                                                    |         |
|---------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------|
| 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>PLASTPRO<br>FIBERGLASS DOOR                       |          | PART OR ASSEMBLY:<br>BILL OF MATERIALS<br>& GLAZING DETAIL                                                         |         |
| 5                                                             | 8/23/23  | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 4                                                             | 8/04/20  | UPDATE TO 7TH ED. (2020)                                                                                           | FBC DAC |
| 3                                                             | 08/02/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC JK  |
| 2                                                             | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD                                                                                      | JK      |
| 1                                                             | 04/22/15 | UPDATE TO 5TH ED. (2014)                                                                                           | FBC JK  |
| NO.                                                           | DATE     |                                                                                                                    | BY      |
| REVISIONS                                                     |          |                                                                                                                    |         |
| DATE: 8/25/14                                                 |          |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |          |                                                                                                                    |         |
| DWG. BY: AL                                                   |          |                                                                                                                    |         |
| CHK. BY: LFS                                                  |          |                                                                                                                    |         |
| DRAWING NO.:<br>FL-17184.11                                   |          |                                                                                                                    |         |
| SHEET 12 OF 12                                                |          |                                                                                                                    |         |