



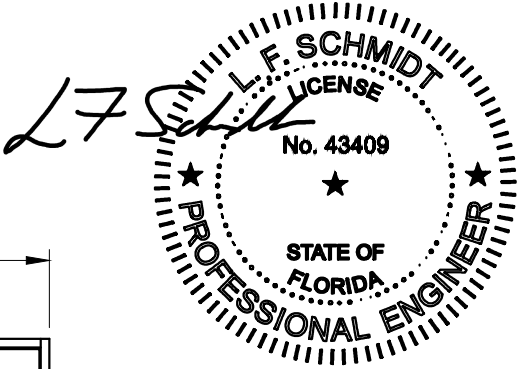
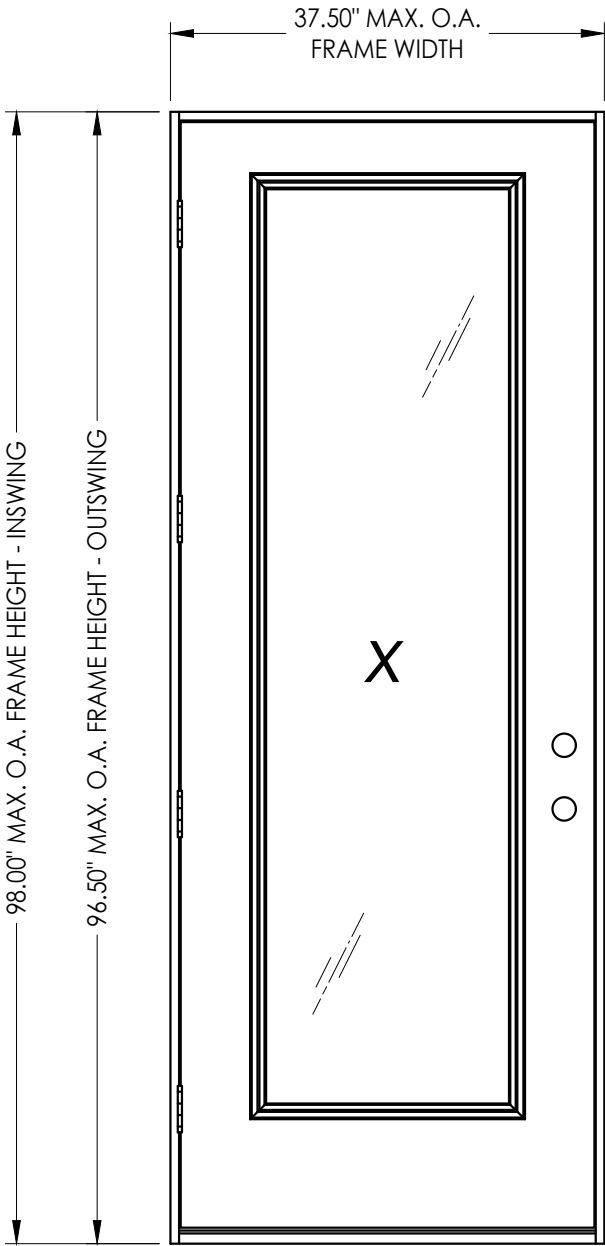
5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045

ONELITE SERIES  
FLUSH GLAZED FIBERGLASS DOOR  
INSWING / OUTSWING  
"IMPACT"

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. 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.

| TABLE OF CONTENTS |                                                         |
|-------------------|---------------------------------------------------------|
| SHEET #           | DESCRIPTION                                             |
| 1                 | Typical elevation, design pressures, & general notes    |
| 2                 | Door panel details                                      |
| 3                 | Horizontal cross sections                               |
| 4                 | Vertical cross sections                                 |
| 5                 | Buck and frame anchoring - 2X buck masonry construction |
| 6                 | Frame anchoring - 1X buck masonry construction          |
| 7                 | Bill of materials, glazing detail & components          |



Digitally signed by Lyndon F Schmidt  
Date: 2023.08.16 09:10:42 -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

| SWING    | OVERALL<br>FRAME<br>DIMENSION | OVERALL<br>D.L.O.<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE (PSF) |          |
|----------|-------------------------------|--------------------------------|---------------|-----------------------|----------|
|          |                               |                                |               | POSITIVE              | NEGATIVE |
| INSWING  | 37.50" x 98.00"               | 21.00" x 79.00"                | G1            | +47.5                 | -47.5    |
| OUTSWING | 37.50" x 96.50"               | 21.00" x 79.00"                |               | +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

58/15/23UPDATE TO 8TH ED. (2023) FBC

48/05/20UPDATE TO 7TH ED. (2020) FBC

37/25/17UPDATE TO 6TH ED. (2017) FBC

204/22/15UPDATE TO 5TH ED. (2014) FBC

12/27/13REVISED GLAZING DETAIL

NO. DATE

REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.16

SHEET 1 OF 7

35.75" MAX.  
DOOR  
PANEL WIDTH

21.00" MAX.  
D.L.O. WIDTH

95.25" MAX. DOOR PANEL HEIGHT

79.00" MAX. D.L.O. HEIGHT

2  
2

1  
2

X

40 DOOR PANEL

**47 STILE STIFFENER**  
Steel reinforcement

**44 LATCH & HINGE STILE**  
Wood support

## 43 LATCH & HINGE STILE

**42** **TOP RAIL**  
Cellular PVC

**45** **BOTTOM RAIL**  
Cellular PVC

**2** VERTICAL CROSS SECTION  
**2**

|           |          |                          |     |     |
|-----------|----------|--------------------------|-----|-----|
| 5         | 8/15/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| 4         | 8/05/20  | UPDATE TO 7TH ED. (2020) | FBC | DAC |
| 3         | 7/25/17  | UPDATE TO 6TH ED. (2017) | FBC | JK  |
| 2         | 04/22/15 | UPDATE TO 5TH ED. (2014) | FBC | JK  |
| 1         | 2/27/13  | REVISED GLAZING DETAIL   |     | RW  |
| NO.       | DATE     |                          |     | BY  |
| REVISIONS |          |                          |     |     |

DATE: 02/15/12

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CHK. BY: LFS

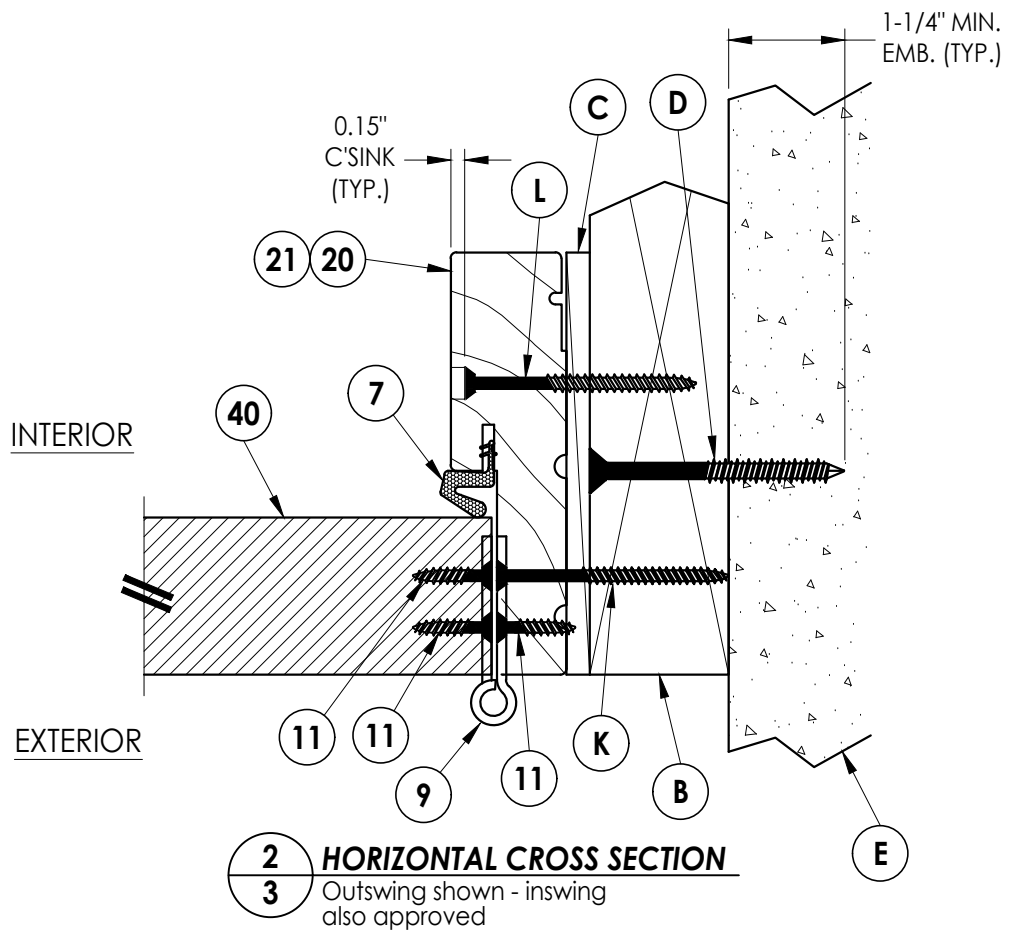
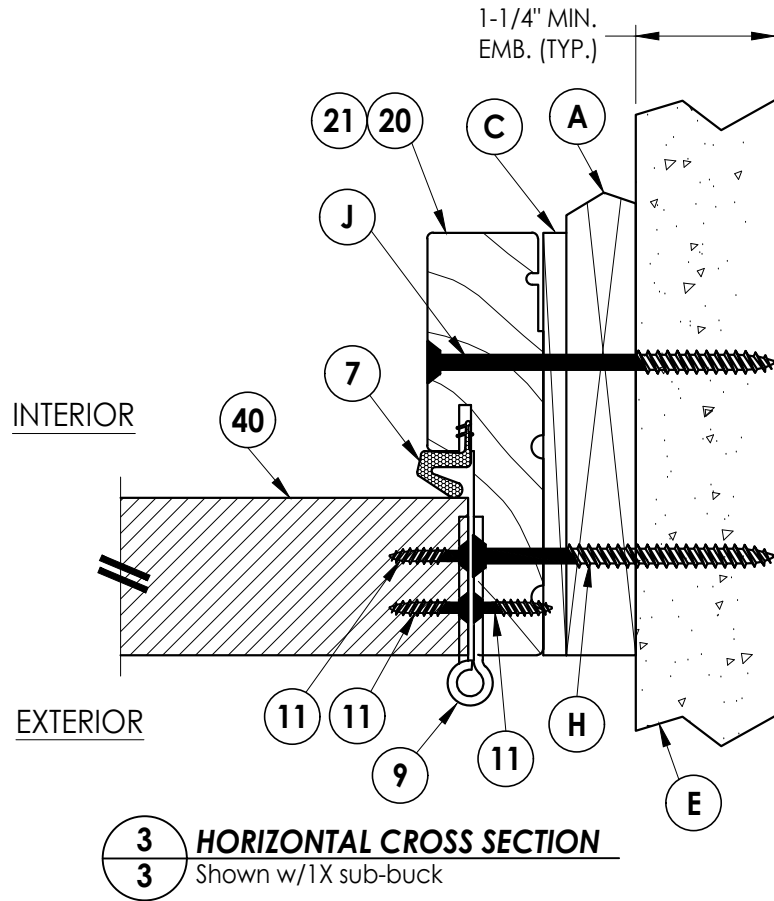
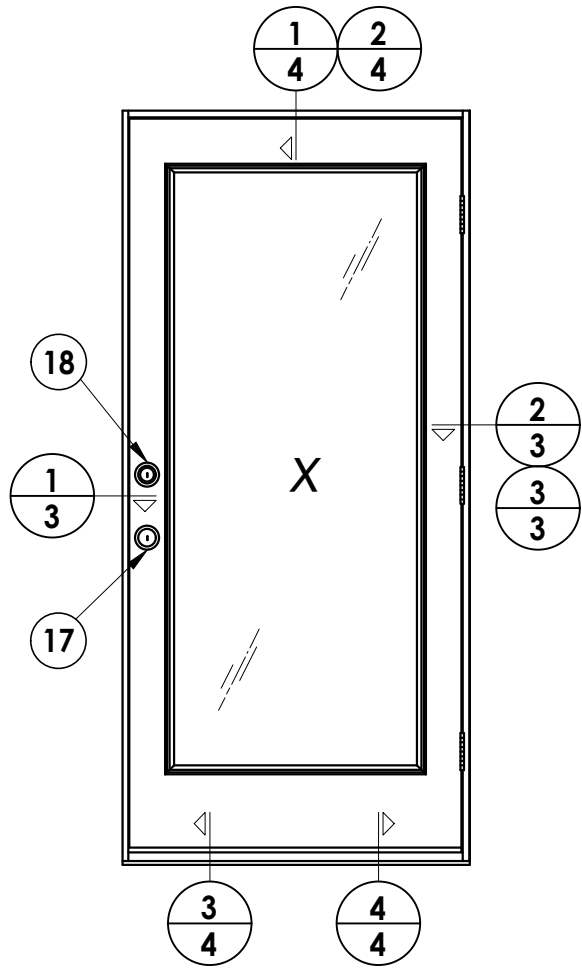
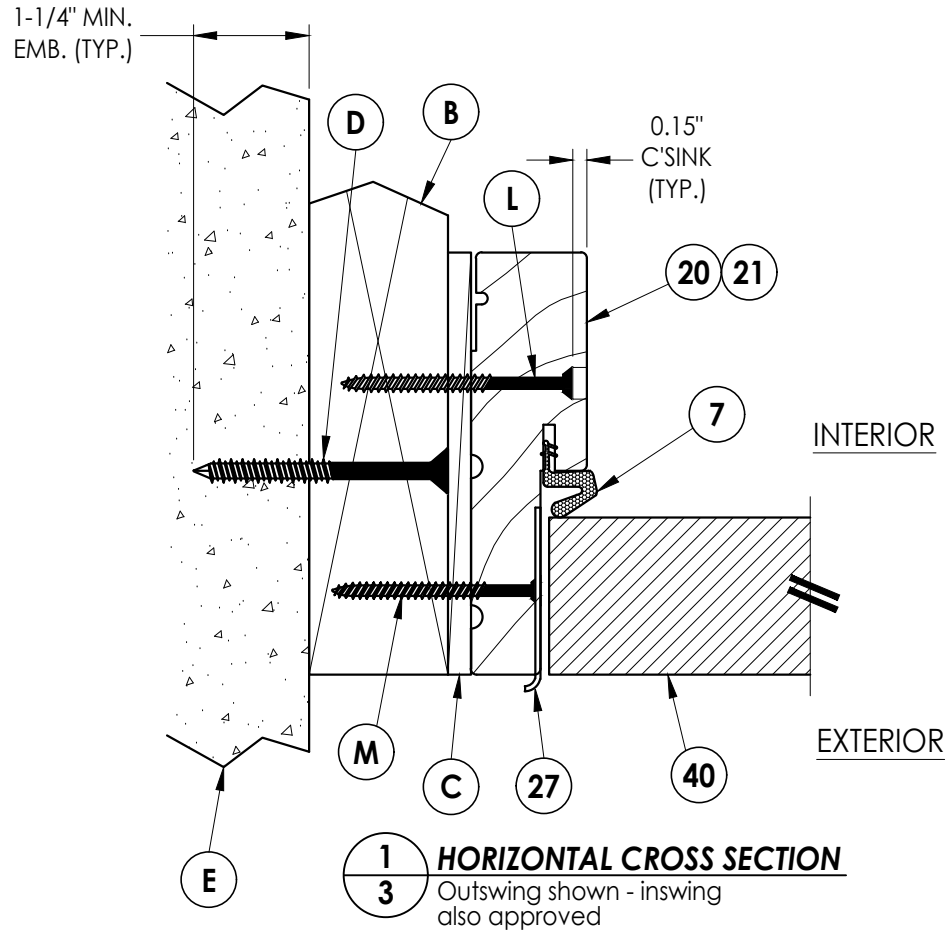
DRAWING NO.: FL-15215.16

SHEET 2 OF 7

|                                              |                                                                                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT:<br>PLASTPRO INC.<br>FIBERGLASS DOOR | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                                                  |
| PART OR ASSEMBLY:<br>DOOR PANEL DETAILS      |  BUILDING CODE<br>P.O. Box 23<br>Phone No.:<br>FBPE Registr |

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

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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:  
HORIZONTAL CROSS SECTIONS

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   | 7/25/17  | UPDATE TO 6TH ED. (2017) FBC |
| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
| 1   | 2/27/13  | REVISED GLAZING DETAIL       |

DATE: 02/15/12

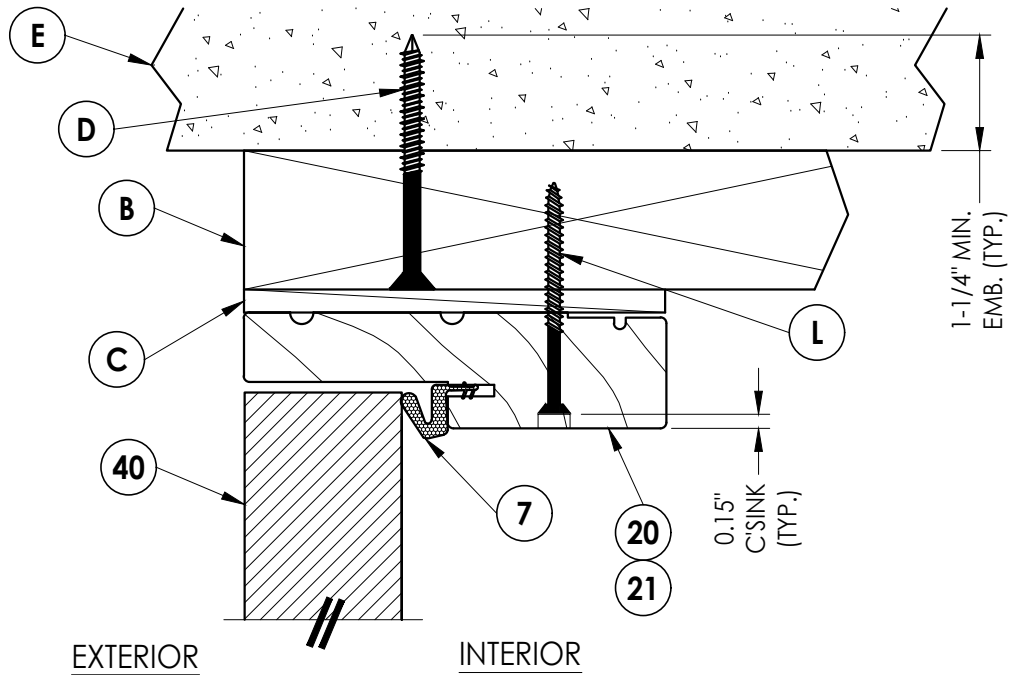
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DWG. BY: JK

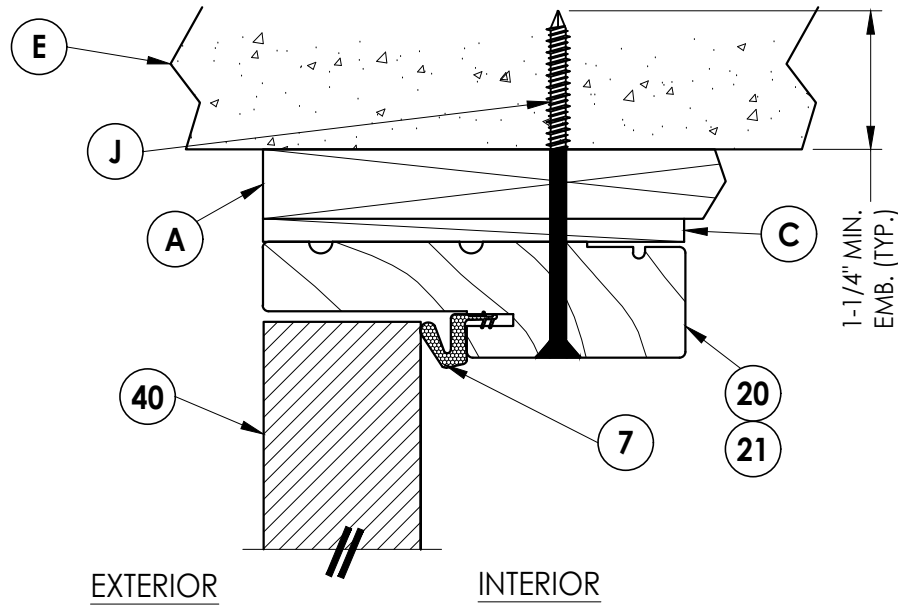
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DRAWING NO.: FL-15215.16

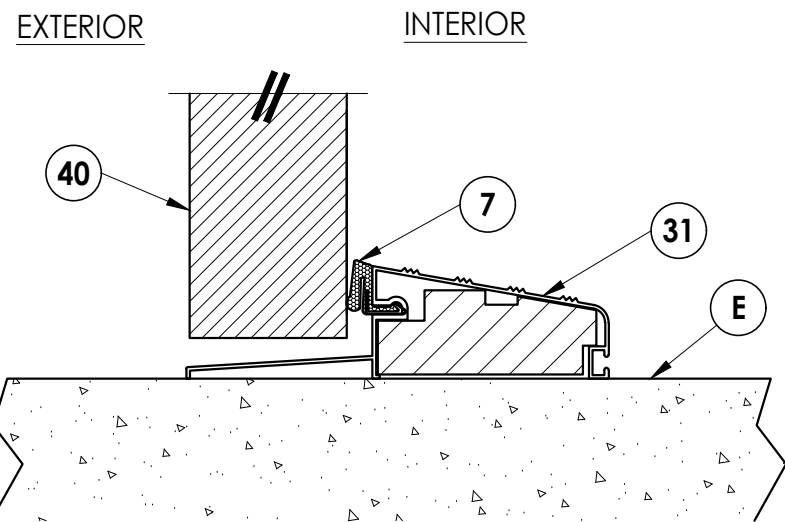
SHEET 3 OF 7



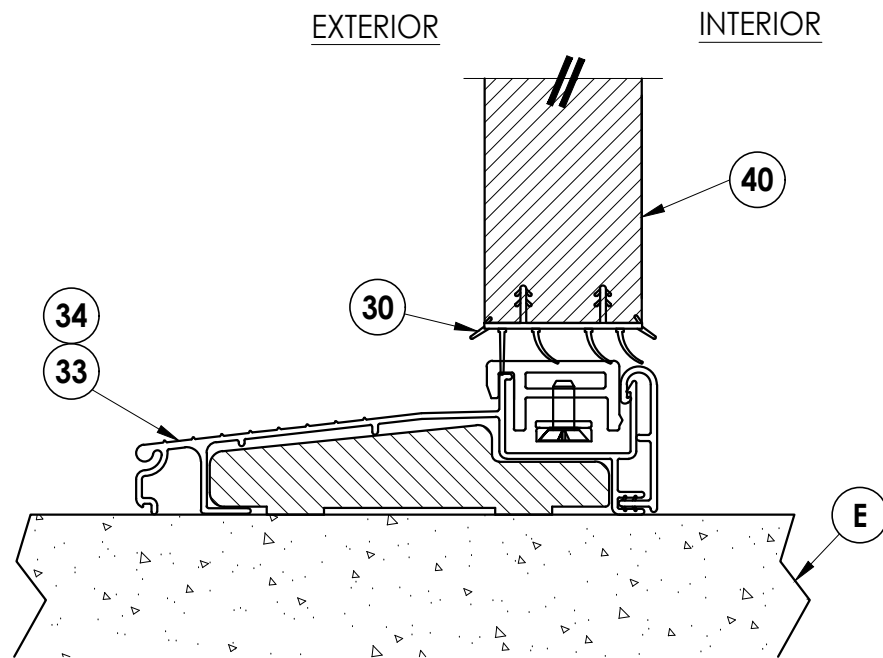
**1**  
**4** **VERTICAL CROSS SECTION**  
Outswing shown - inswing  
also approved



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



**3**  
**4** **VERTICAL CROSS SECTION**  
Outswing configuration



**4**  
**4** **VERTICAL CROSS SECTION**  
Inswing configuration

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

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

PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

| NO. | DATE     | REVISIONS                        |
|-----|----------|----------------------------------|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC DAC |
| 3   | 7/25/17  | UPDATE TO 6TH ED. (2017) FBC JK  |
| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC JK  |
| 1   | 2/27/13  | REVISED GLAZING DETAIL RW        |

DATE: 02/15/12

SCALE: N.T.S.

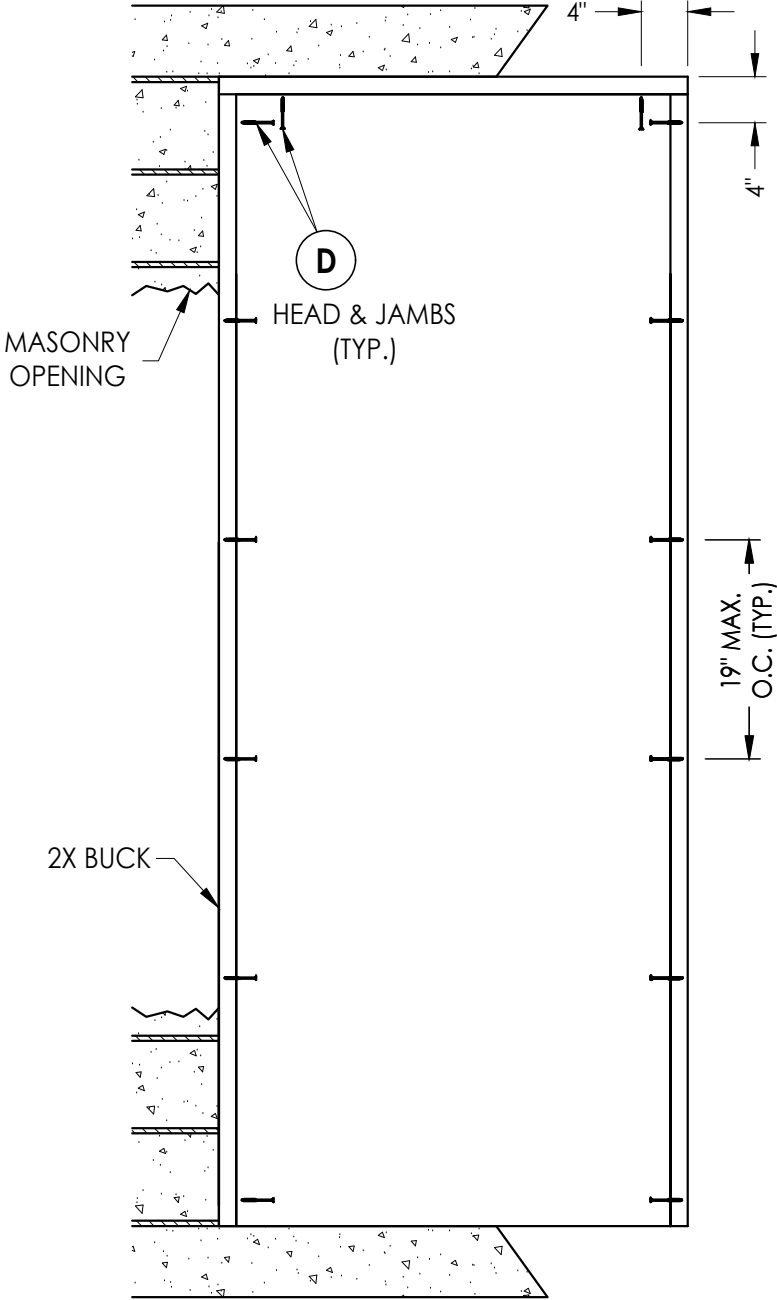
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CHK. BY: LFS

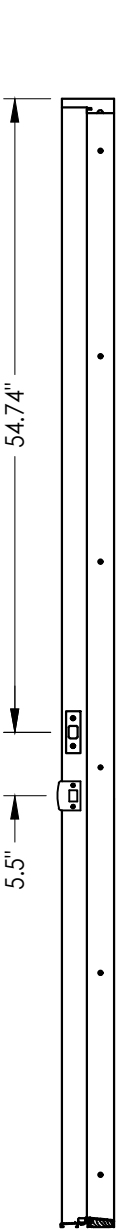
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SHEET 4 OF 7

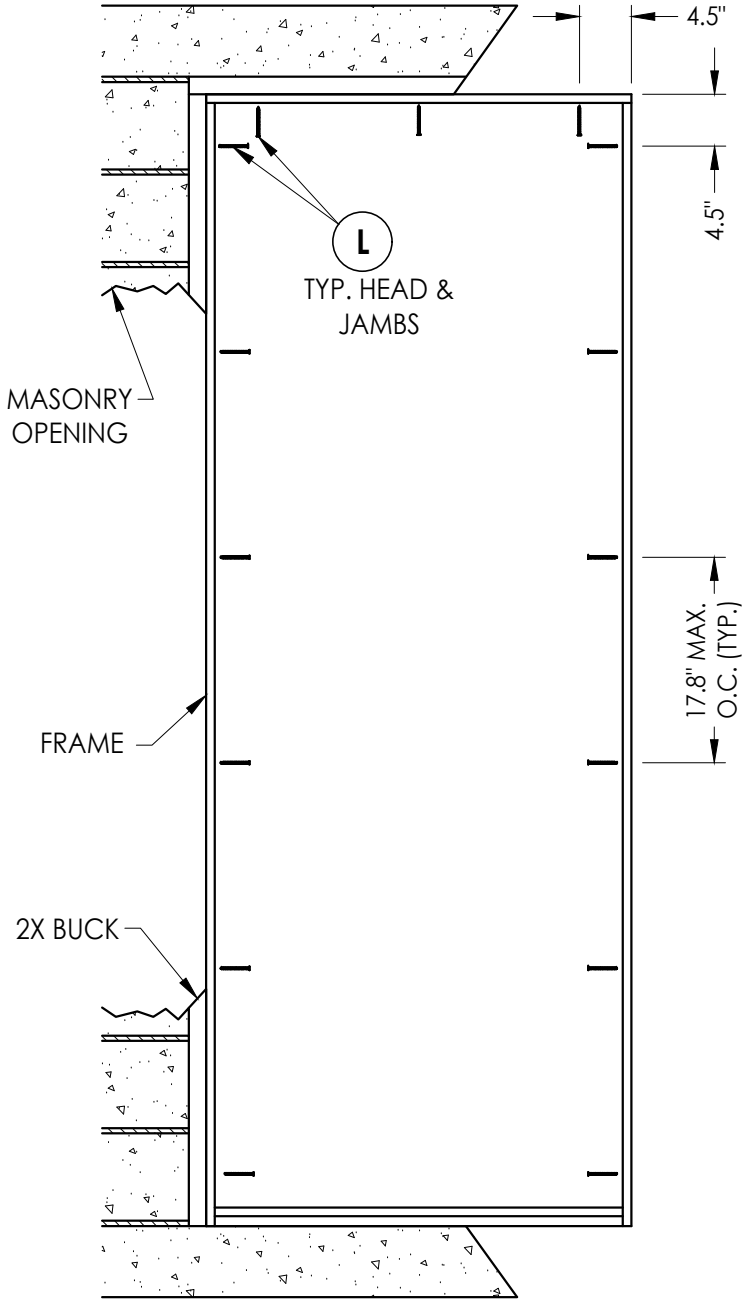
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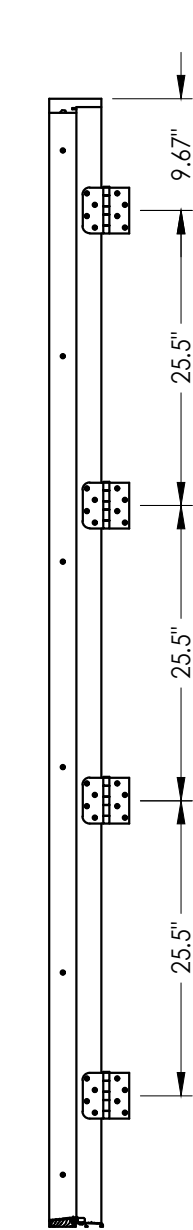
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING  
Masonry 2X buck construction



HINGE JAMB

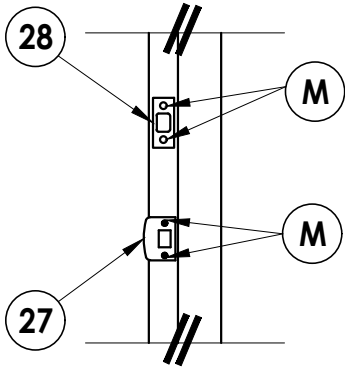
CONCRETE ANCHOR NOTES:

- 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:

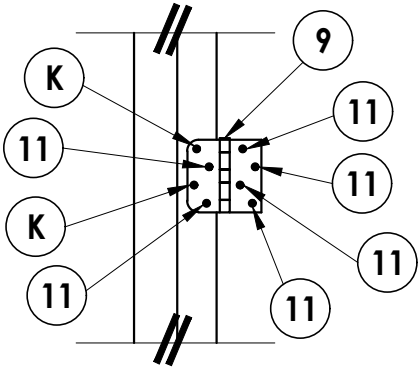
| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®      | 1/4"        | 1-1/4"         | 2"    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



LATCH & DEADBOLT DETAIL



HINGE DETAIL

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 AND FRAME ANCHORING 2X  
BUCK MASONRY CONSTRUCTION

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   | 7/25/17  | UPDATE TO 6TH ED. (2017) FBC |
| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
| 1   | 2/27/13  | REVISED GLAZING DETAIL       |

DATE: 02/15/12

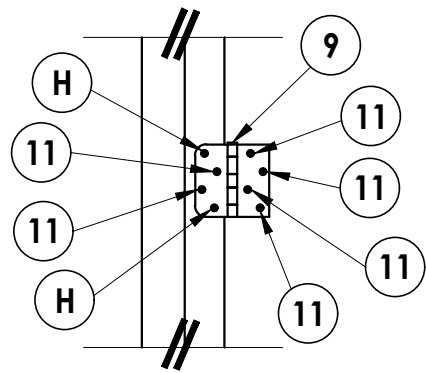
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DWG. BY: JK

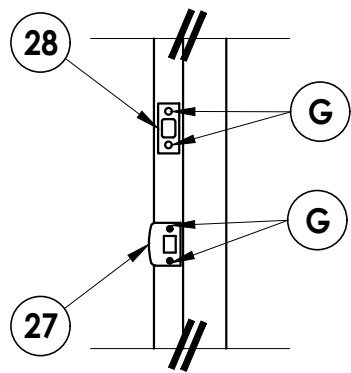
CHK. BY: LFS

DRAWING NO.: FL-15215.16

SHEET 5 OF 7



HINGE DETAIL



LATCH & DEADBOLT DETAIL

CONCRETE ANCHOR NOTES:

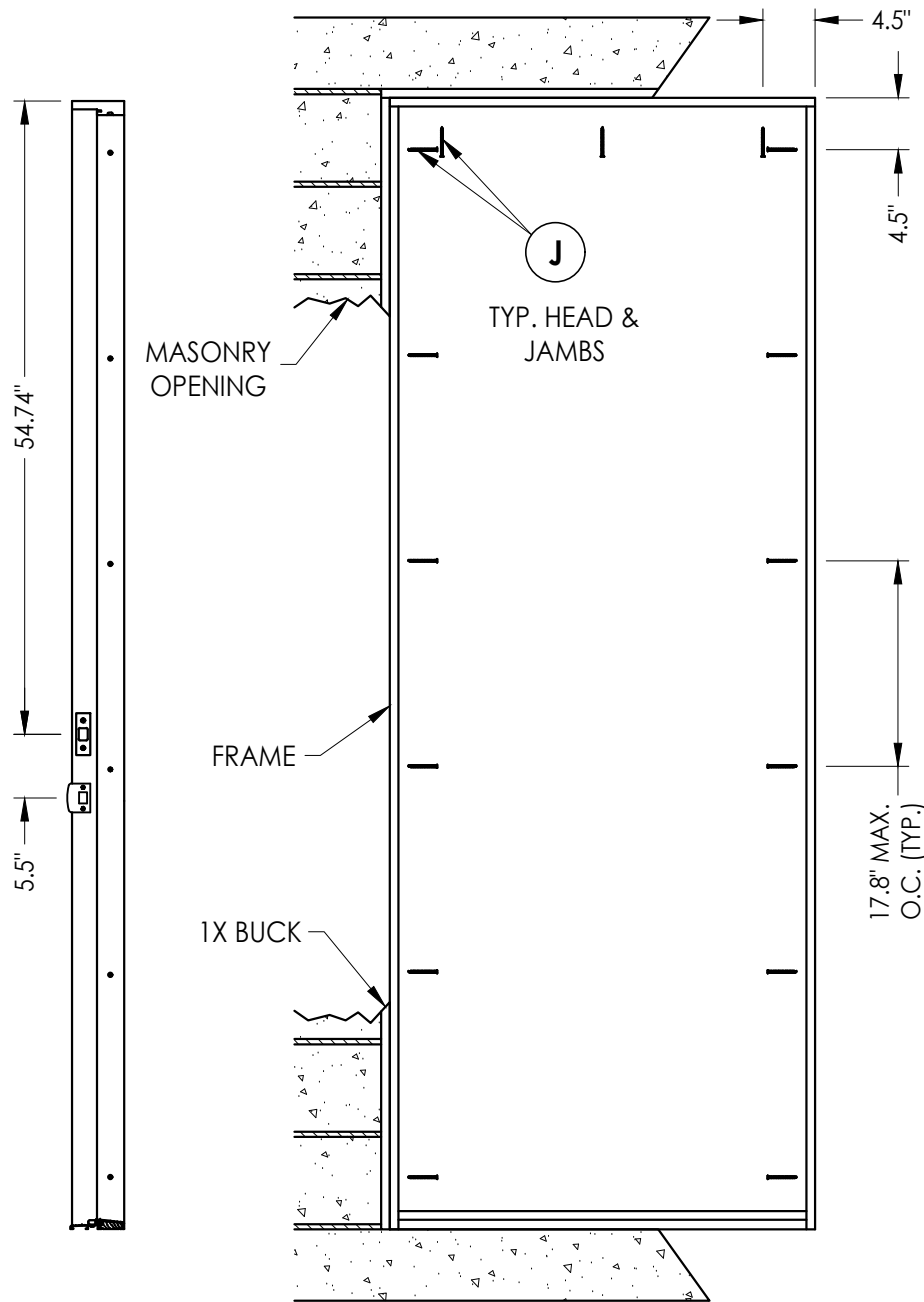
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"                                |
| ITW TAPCON® | 3/16"       | 1-1/4"         | 3"                             | 1-1/2"                            |

WOOD SCREW INSTALLATION NOTES:

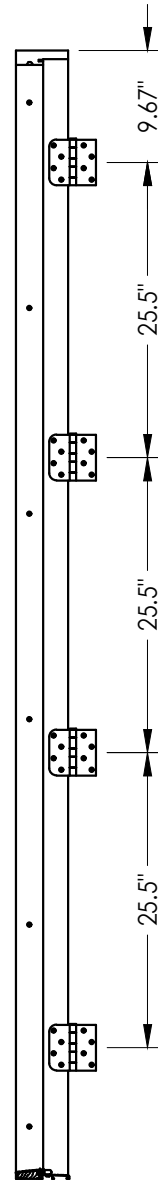
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

STRIKE JAMB



FRAME ANCHORING  
Masonry 1X buck construction

HINGE JAMB



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:  
FRAME ANCHORING 1X BUCK  
MASONRY CONSTRUCTION

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   | 7/25/17  | UPDATE TO 6TH ED. (2017) FBC |
| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
| 1   | 2/27/13  | REVISED GLAZING DETAIL       |

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

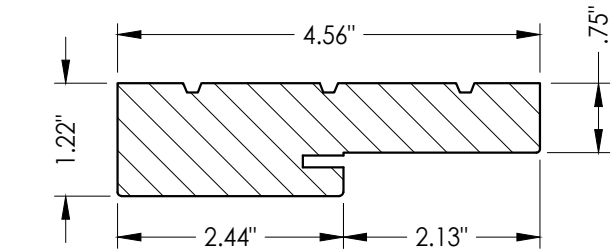
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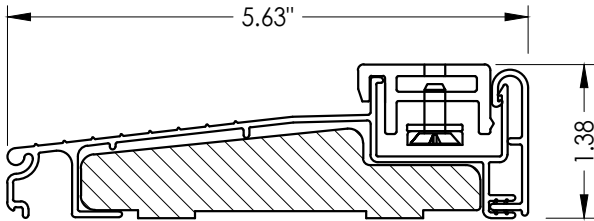
SHEET 6 OF 7

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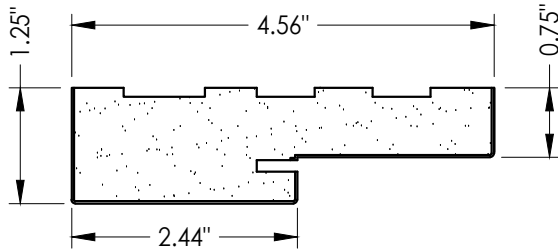
| BILL OF MATERIALS |                                                                                                |               |
|-------------------|------------------------------------------------------------------------------------------------|---------------|
| ITEM              | DESCRIPTION                                                                                    | 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      |
| G                 | 3/16" X 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL         |
| H                 | 3/16" x 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL         |
| J                 | 1/4" X 3-3/4" PFH ITW CONCRETE SCREW                                                           | STEEL         |
| K                 | #9 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL         |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)                                             | STEEL         |
| M                 | #9 X 2-1/4" PFH WOOD SCREW                                                                     | STEEL         |
| 7                 | Q-LON 650 WEATHER STRIP SCHLEGEL                                                               | FOAM          |
| 9                 | 4" X 4" BUTT HINGE                                                                             | STEEL         |
| 10                | NOT USED                                                                                       | -             |
| 11                | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL         |
| 17                | KWIKSET KEYED ENTRY - SIGNATURE SERIES                                                         | STEEL         |
| 18                | KWIKSET DEADBOLT - SIGNATURE SERIES (780)                                                      | STEEL         |
| 20                | FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS                                                  | WOOD          |
| 21                | POLYFIBER JAMB                                                                                 | COMP. / VINYL |
| 27                | LATCH STRIKE PLATE                                                                             | STEEL         |
| 28                | DEADBOLT STRIKE PLATE                                                                          | STEEL         |
| 30                | WEATHER-STOP 3647 HOLM INDUSTRIES                                                              | VINYL         |
| 31                | OUTSWING BUMP THRESHOLD                                                                        | ALUM. / WOOD  |
| 33                | INSWING ADJUSTABLE THRESHOLD BY ENDURA                                                         | ALUM. / WOOD  |
| 34                | INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP                                                   | ALUM. / WOOD  |
| 38                | GLAZING SPACER                                                                                 | ALUM.         |
| 39                | GLAZING BEAD                                                                                   | PVC           |
| 40                | DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS                              | -             |
| 41                | DOOR SKIN (MIN. 0.095" THICK)                                                                  | FIBERGLASS    |
| 42                | TOP RAIL                                                                                       | CELLULAR PVC  |
| 43                | LATCH & HINGE STILE                                                                            | CELLULAR PVC  |
| 44                | LATCH & HINGE STILE SUPPORT                                                                    | WOOD          |
| 45                | BOTTOM RAIL                                                                                    | CELLULAR PVC  |
| 46                | POLYURETHANE FOAM                                                                              | POLYURETHANE  |
| 47                | STILE STIFFENER REINFORCEMENT                                                                  | STEEL         |
| 48                | REINFORCEMENT RETAINING SCREW                                                                  | NYLON         |
| 49                | GLAZING COMPOUND DOW 995                                                                       | SILICONE      |



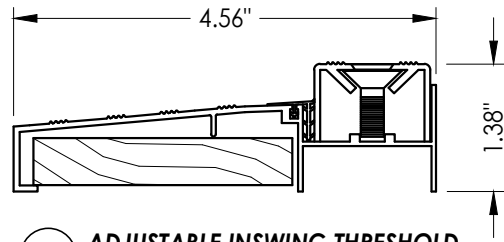
20 HEAD & SIDE Jamb



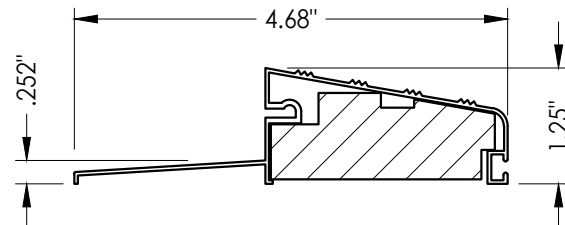
33 ADJUSTABLE INSWING THRESHOLD



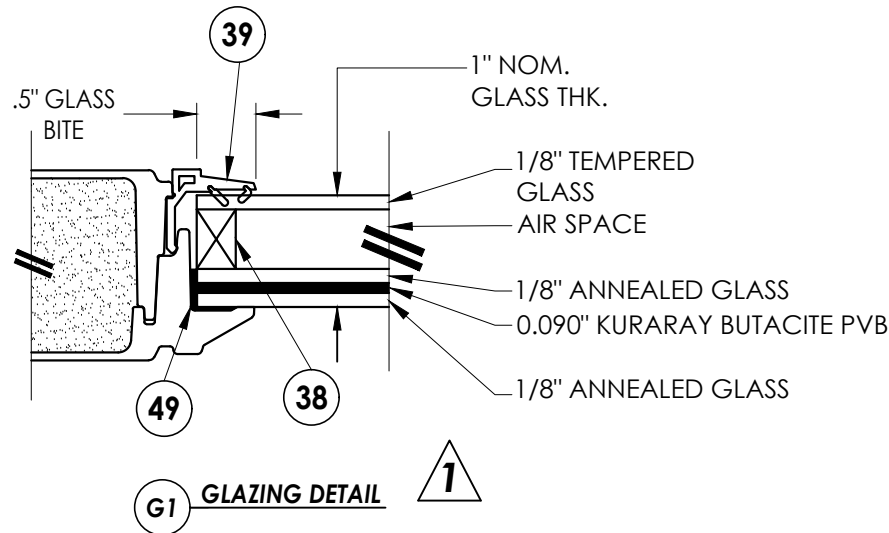
21 HEAD & SIDE Poly fiber jamb



34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL

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:  
BILL OF MATERIALS, GLAZING  
DETAIL & COMPONENTS

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC |
| 3   | 7/25/17  | UPDATE TO 6TH ED. (2017) FBC |
| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
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DWG. BY: JK

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DRAWING NO.: FL-15215.16

SHEET 7 OF 7