



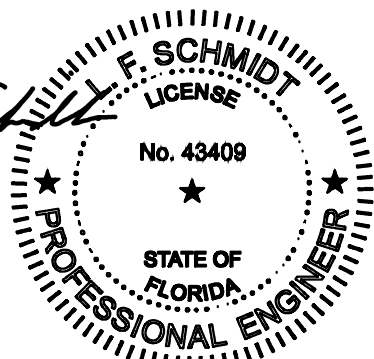
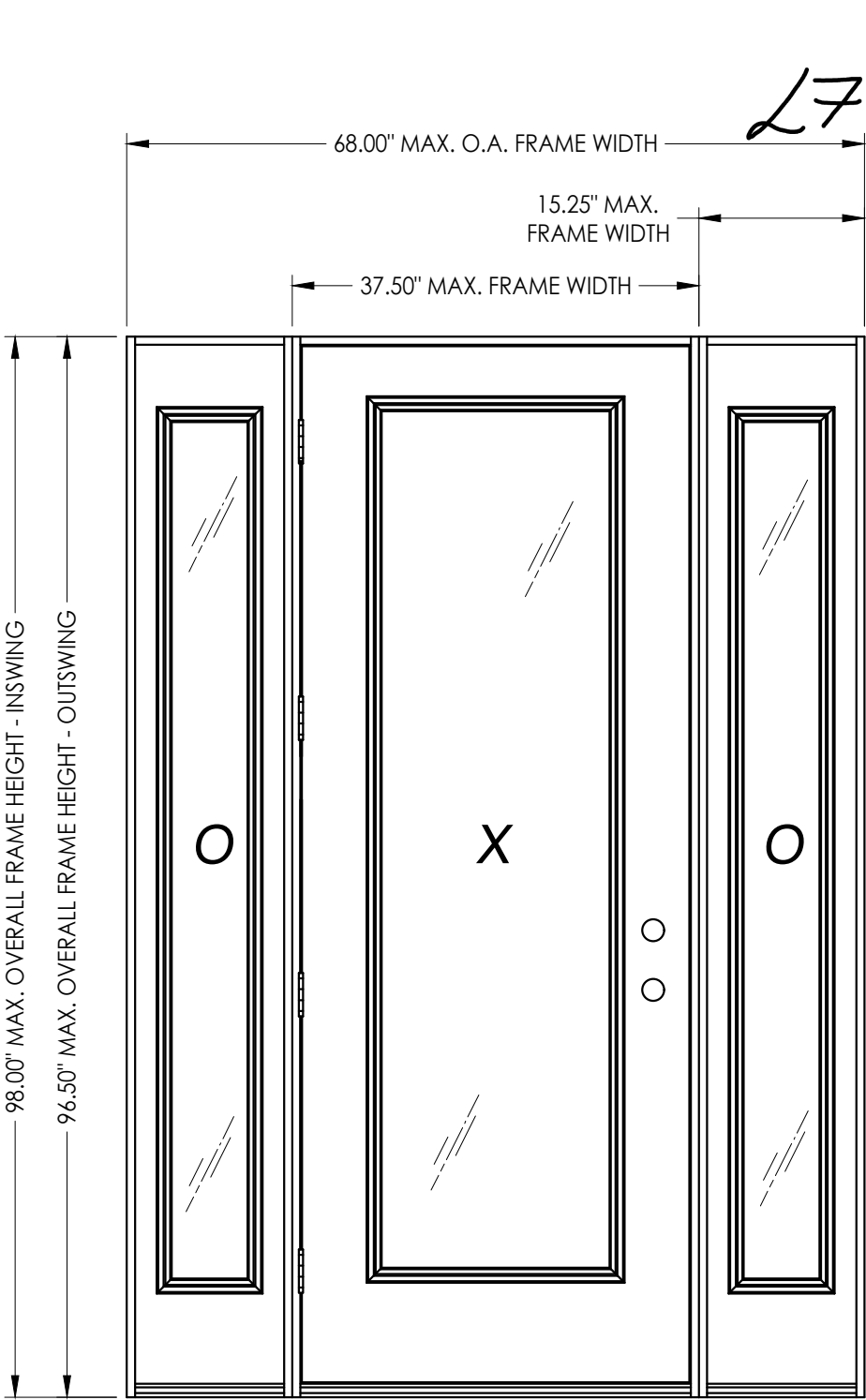
5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045

ONELITE SERIES  
FLUSH GLAZED FIBERGLASS DOOR  
w/ SIDELITES  
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                 | Sidelite panel details                                  |
| 4                 | Horizontal cross sections                               |
| 5                 | Vertical cross sections                                 |
| 6                 | Vertical cross sections                                 |
| 7                 | Buck and frame anchoring - 2X buck masonry construction |
| 8                 | Frame anchoring - 1X buck masonry construction          |
| 9                 | Bill of materials, glazing detail & components          |



Digitally signed by Lyndon F Schmidt  
Date: 2023.08.16 09:09:56 -04'00'

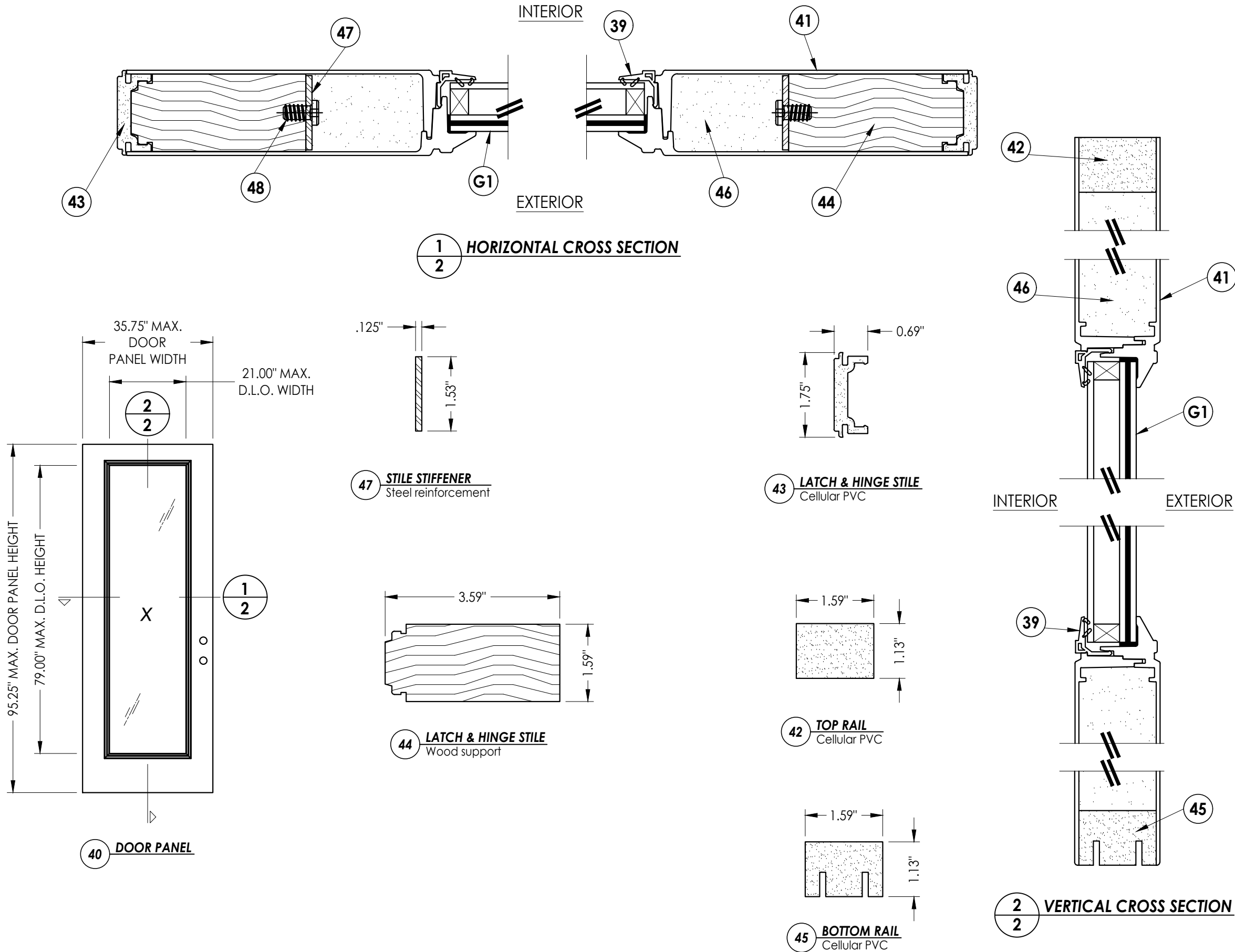
This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

| SWING    | OVERALL FRAME DIMENSION | DOOR D.L.O. DIMENSION | SIDELITE D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |          |
|----------|-------------------------|-----------------------|---------------------------|------------|-----------------------|----------|
|          |                         |                       |                           |            | POSITIVE              | NEGATIVE |
| INSWING  | 68.00" x 98.00"         | 21.00" x 79.00"       | 7.00" x 79.00"            | G1         | +42.0                 | -47.5    |
| OUTSWING | 68.00" x 96.50"         | 21.00" x 79.00"       | 7.00" x 79.00"            |            | +42.0                 | -42.0    |

|                                                               |          |                                                                                                                    |         |
|---------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------|
| 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 INC.<br>FIBERGLASS DOOR                  |          | PART OR ASSEMBLY:<br>TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES                                           |         |
| 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                                                      |          | REVISIONS                                                                                                          |         |
| DATE: 02/15/12                                                |          | SCALE: N.T.S.                                                                                                      |         |
| DWG. BY: JK                                                   |          | CHK. BY: LFS                                                                                                       |         |
| DRAWING NO.: FL-15215.18                                      |          | SHEET 1 OF 9                                                                                                       |         |

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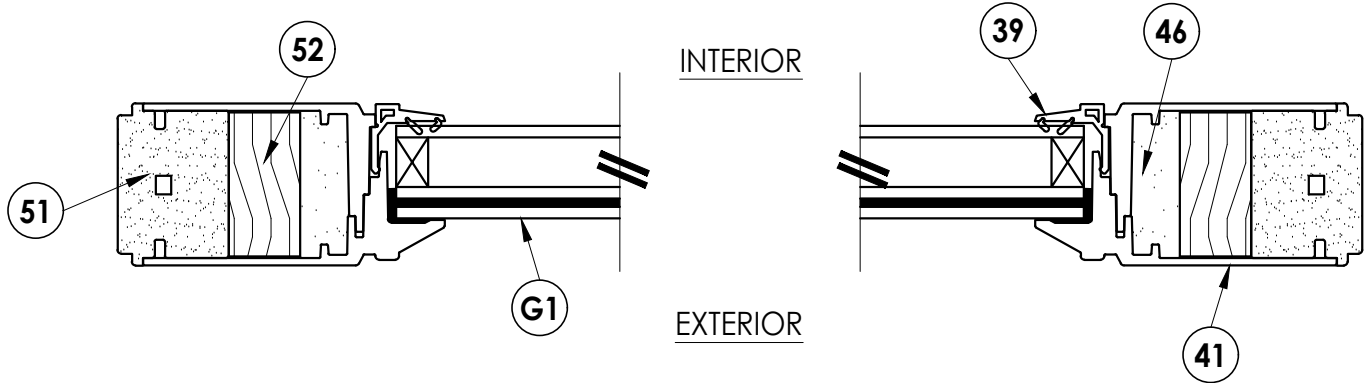
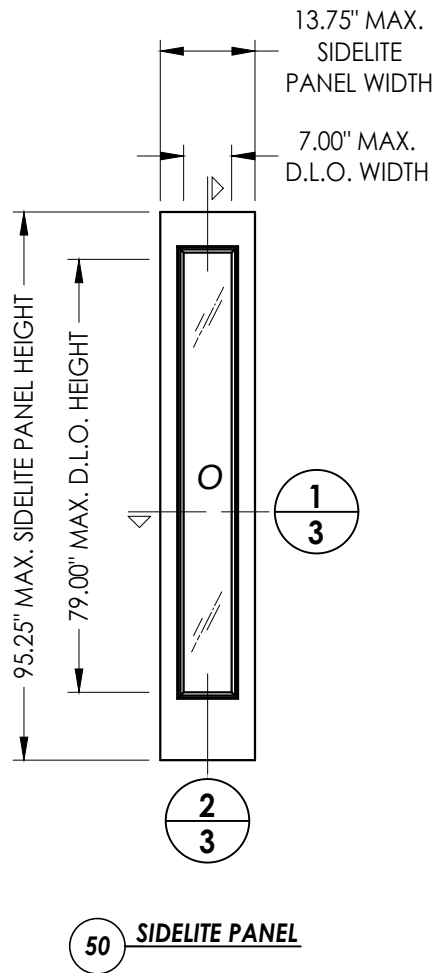
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|-----------|----------|--------------------------|-----|-----|--|------------------------|--|----|--|----|--|
| 5         | 8/15/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS |  |                        |  |    |  |    |  |
| 4         | 8/05/20  | UPDATE 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   |     |     |  |                        |  |    |  |    |  |

|                   |  |                    |  |
|-------------------|--|--------------------|--|
| PRODUCT:          |  | PLASTPRO INC.      |  |
|                   |  | FIBERGLASS DOOR    |  |
| PART OR ASSEMBLY: |  | DOOR PANEL DETAILS |  |

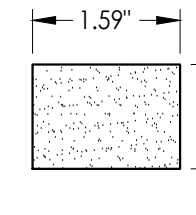
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

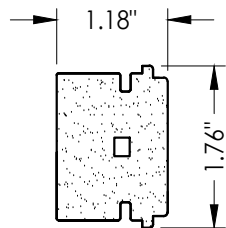
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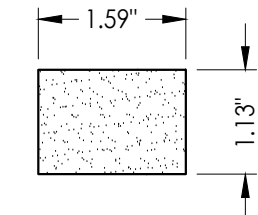
1  
3 HORIZONTAL CROSS SECTION



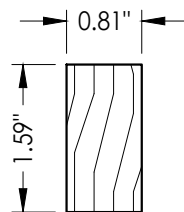
42 TOP RAIL  
Cellular PVC



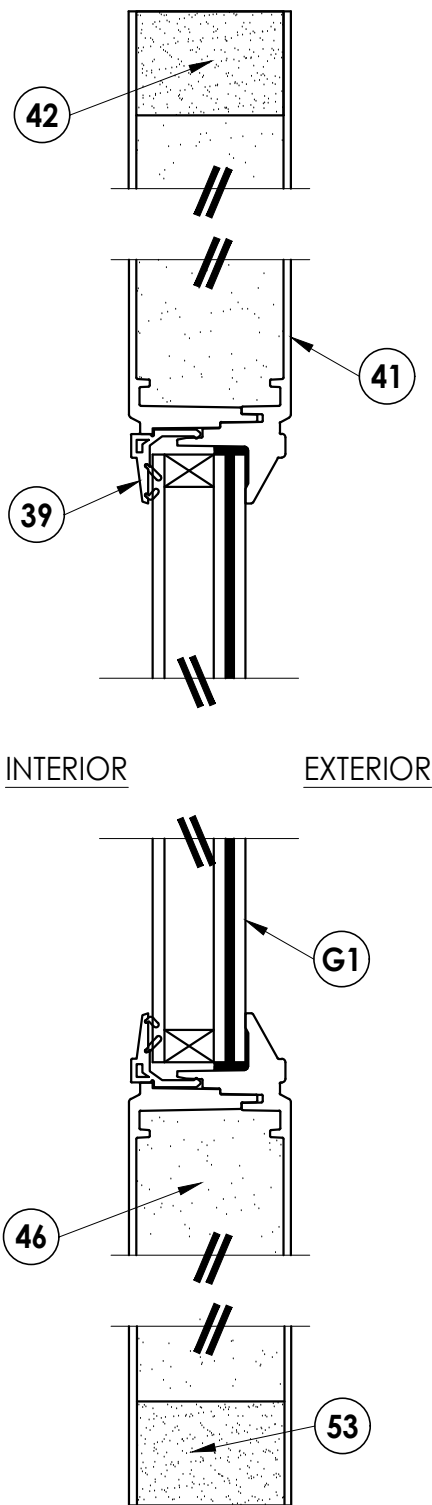
51 SIDELITE STILE  
Cellular PVC



53 SIDELITE BOTTOM RAIL  
Cellular PVC



52 SIDELITE STILE SUPPORT  
Wood reinforcement



2  
3 VERTICAL CROSS SECTION

| 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.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:  
FL-15215.18

SHEET 3 OF 9

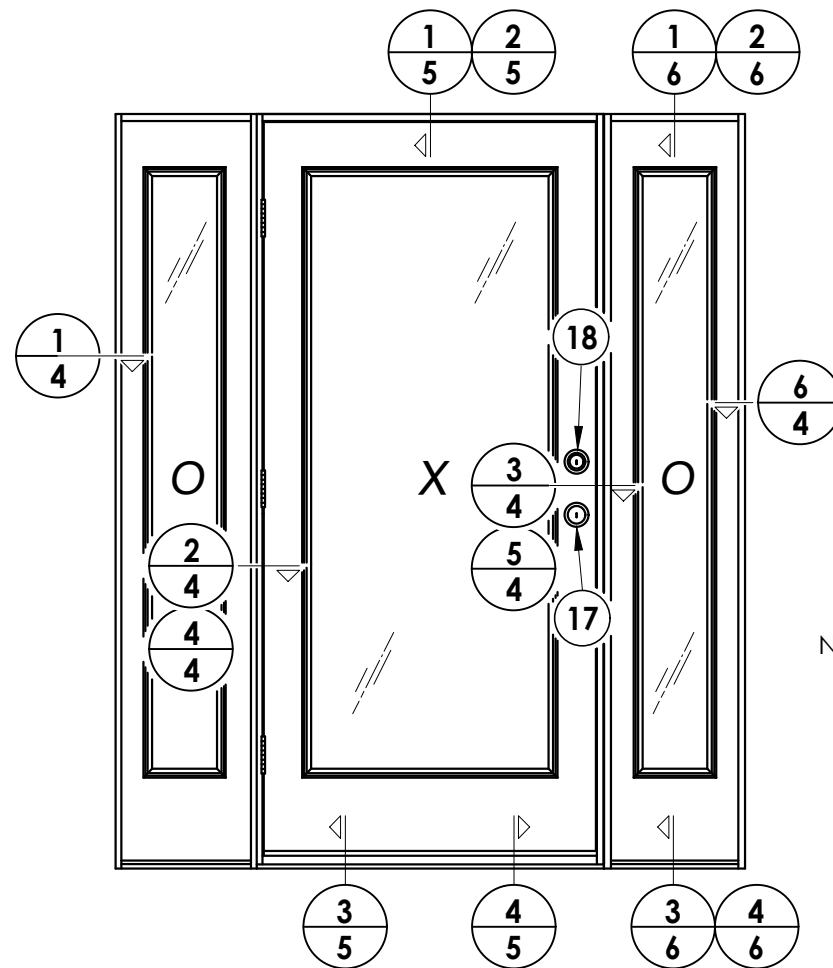
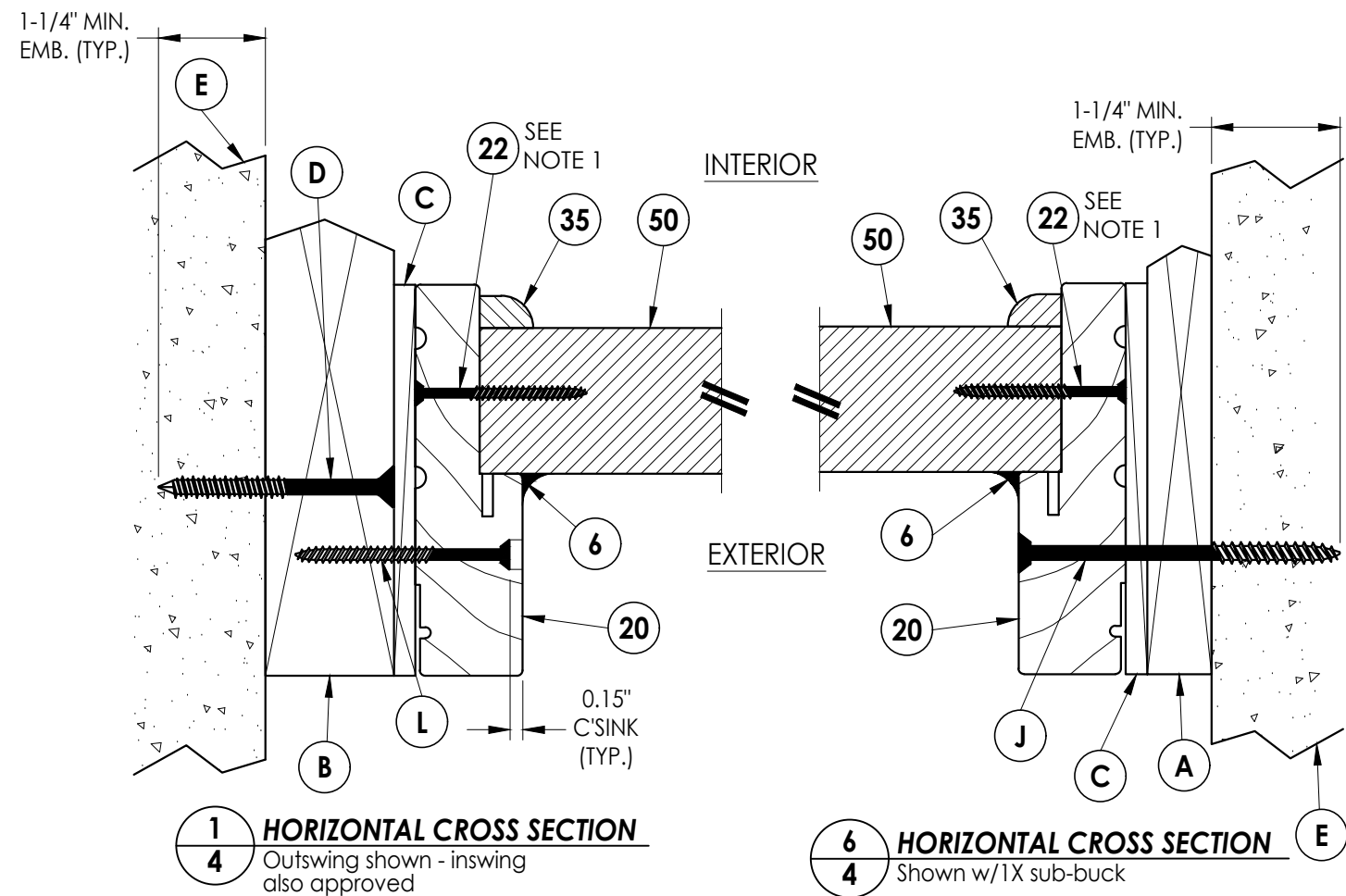
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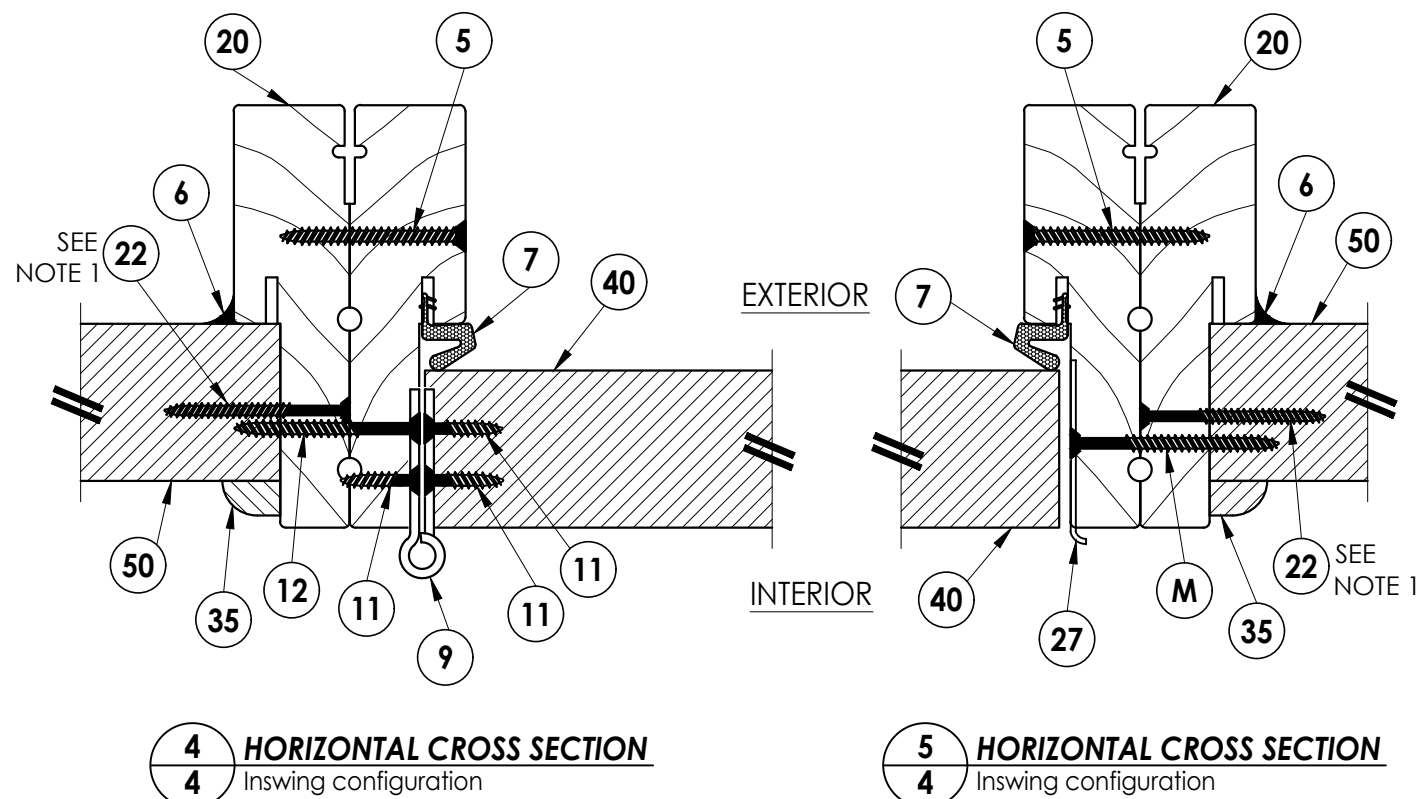
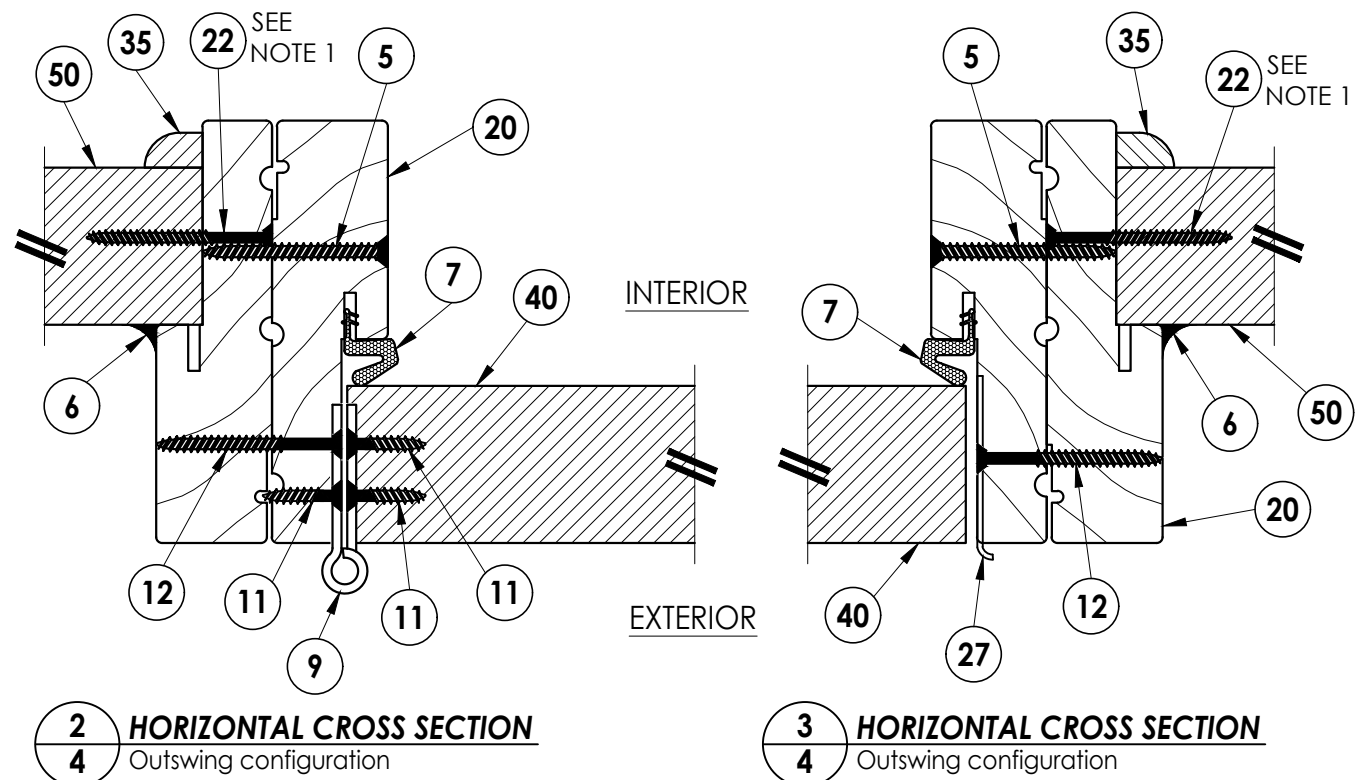
PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
SIDELITE PANEL DETAILS

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NOTE:  
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2" & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

|     | LFS      | DAC                      | JK  | JK | RW | BY |
|-----|----------|--------------------------|-----|----|----|----|
| 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   |     |    |    |    |
| NO. | DATE     | REVISIONS                |     |    |    |    |

DATE: 02/15/12

SCALE: N.T.S.

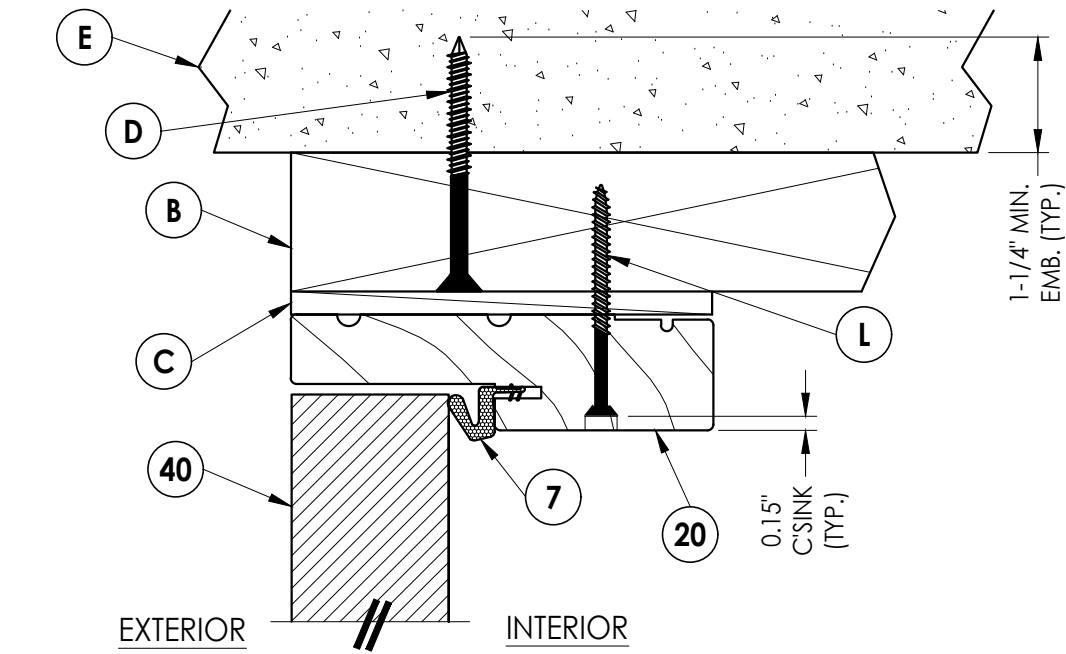
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CHK. BY: LFS

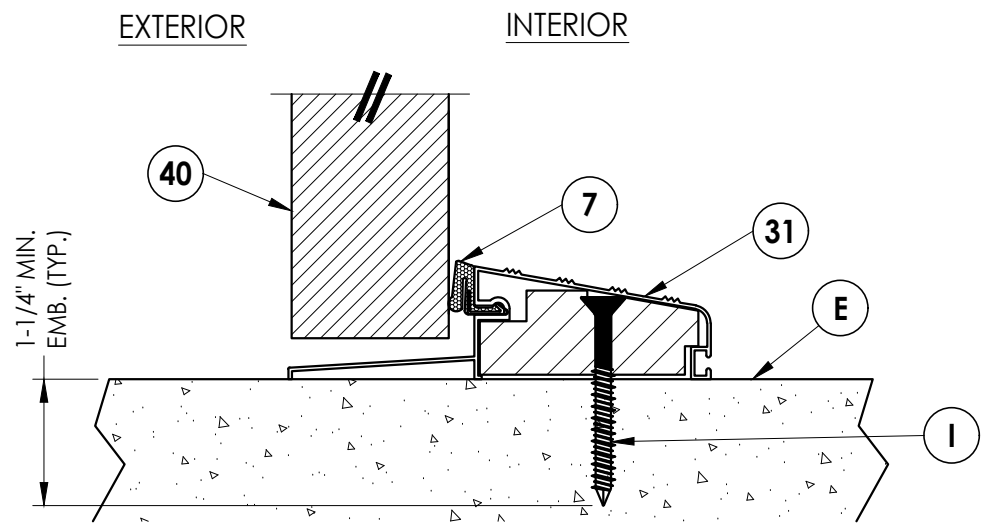
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SHEET 4 OF 9

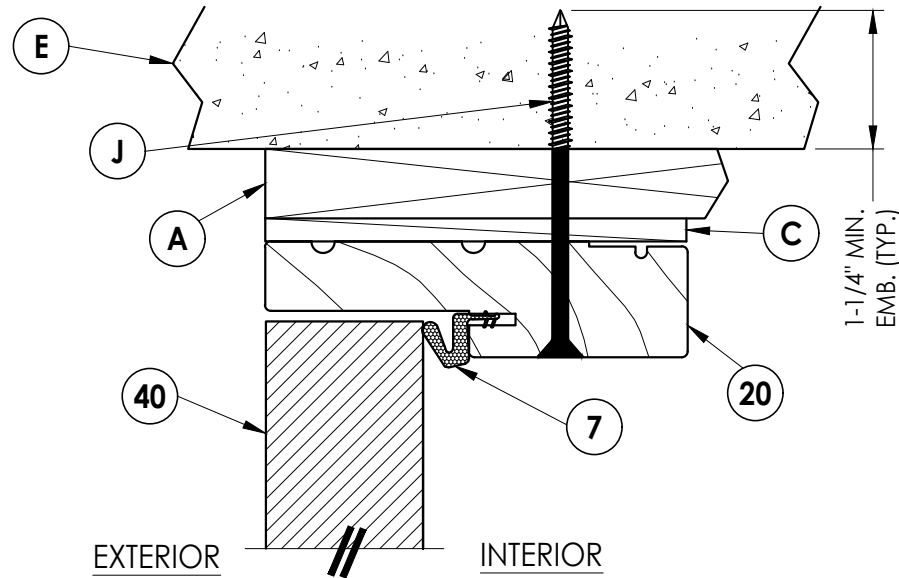
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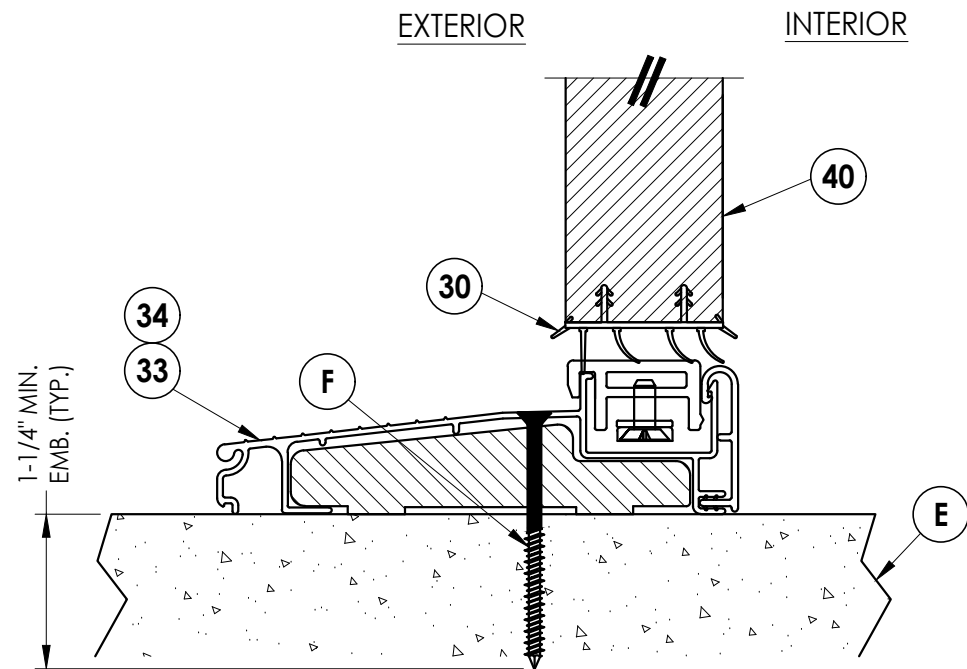
**1**  
**5** **VERTICAL CROSS SECTION**  
Outswing shown - inswing  
also approved



**3**  
**5** **VERTICAL CROSS SECTION**  
Outswing configuration



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



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

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FBPE Registry No. 9813

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

|     |          | LFS                          | DAC | JK | RW | BY |
|-----|----------|------------------------------|-----|----|----|----|
| 5   | 8/15/23  | UPDATE TO 8TH ED. (2023) FBC |     |    |    |    |
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| 2   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |     |    |    |    |
| 1   | 2/27/13  | REVISED GLAZING DETAIL       |     |    |    |    |
| NO. | DATE     | REVISIONS                    |     |    |    |    |

DATE: 02/15/12

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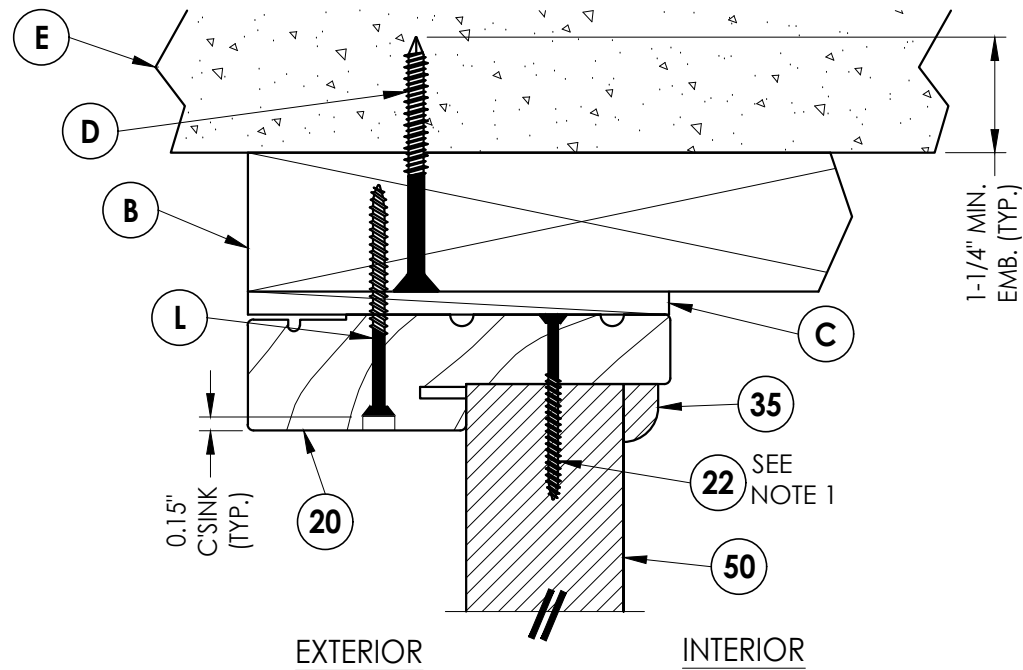
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CHK. BY: LFS

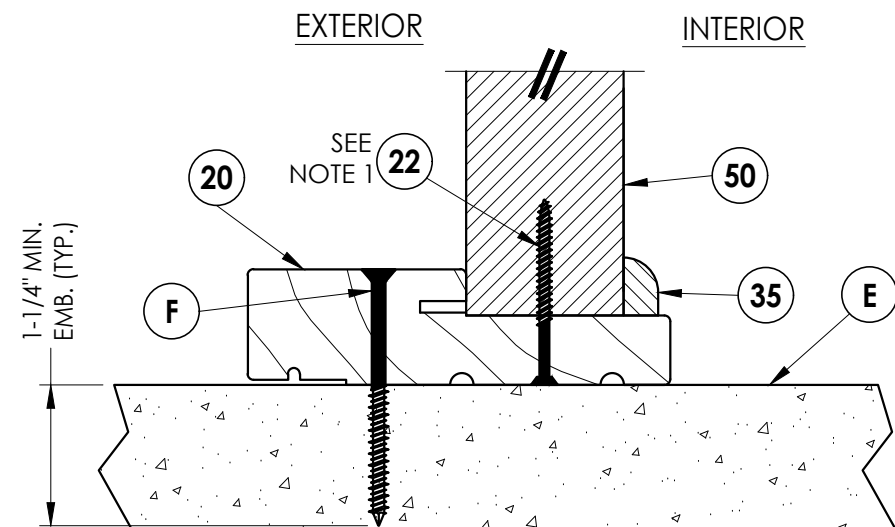
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SHEET 5 OF 9

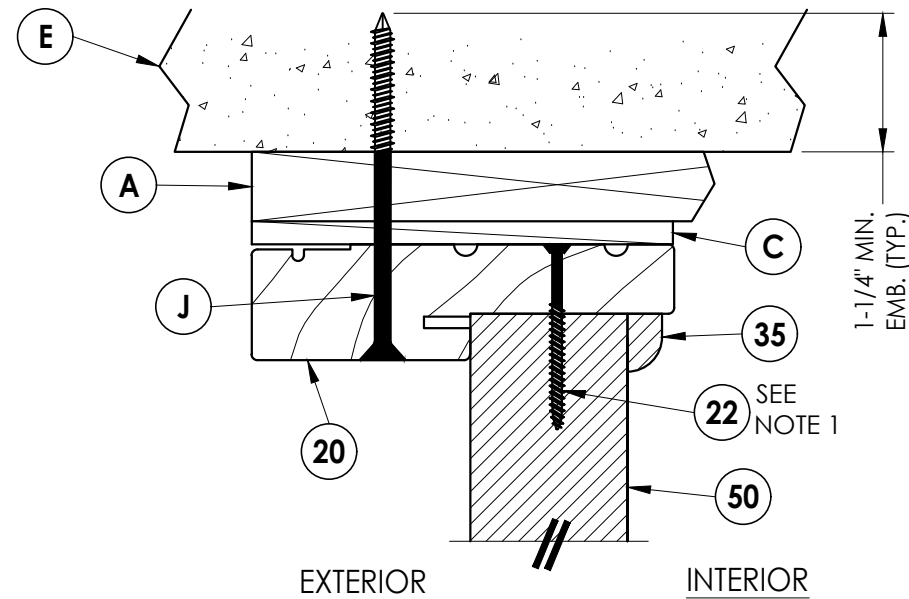
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**1** **VERTICAL CROSS SECTION**  
**6** Outswing shown - inswing also approved

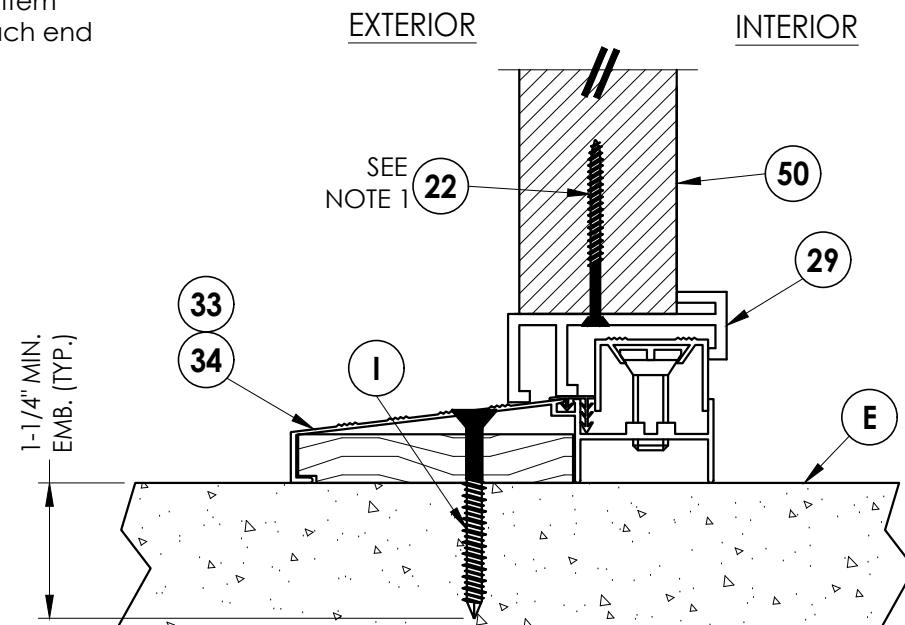


**3** **VERTICAL CROSS SECTION**  
**6** Outswing configuration



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

NOTE:  
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2" & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



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

Documents Prepared By:  
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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 |
| 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

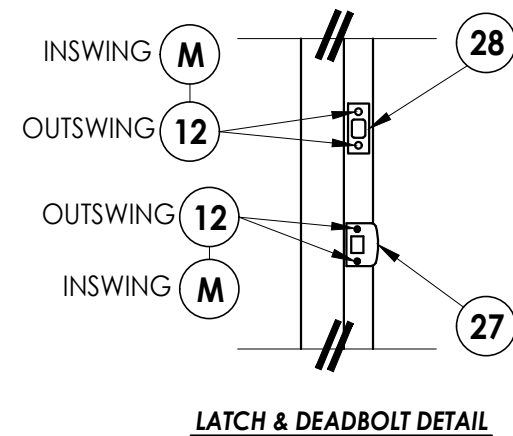
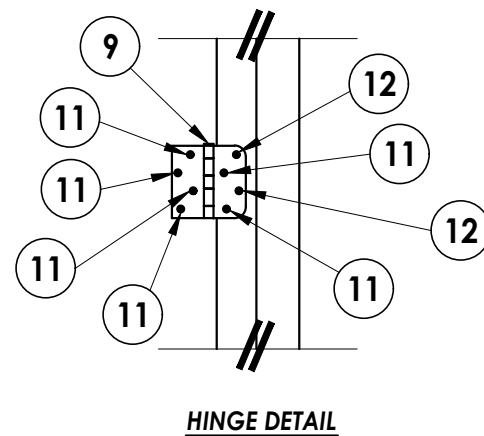
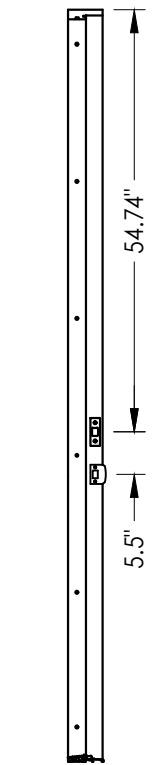
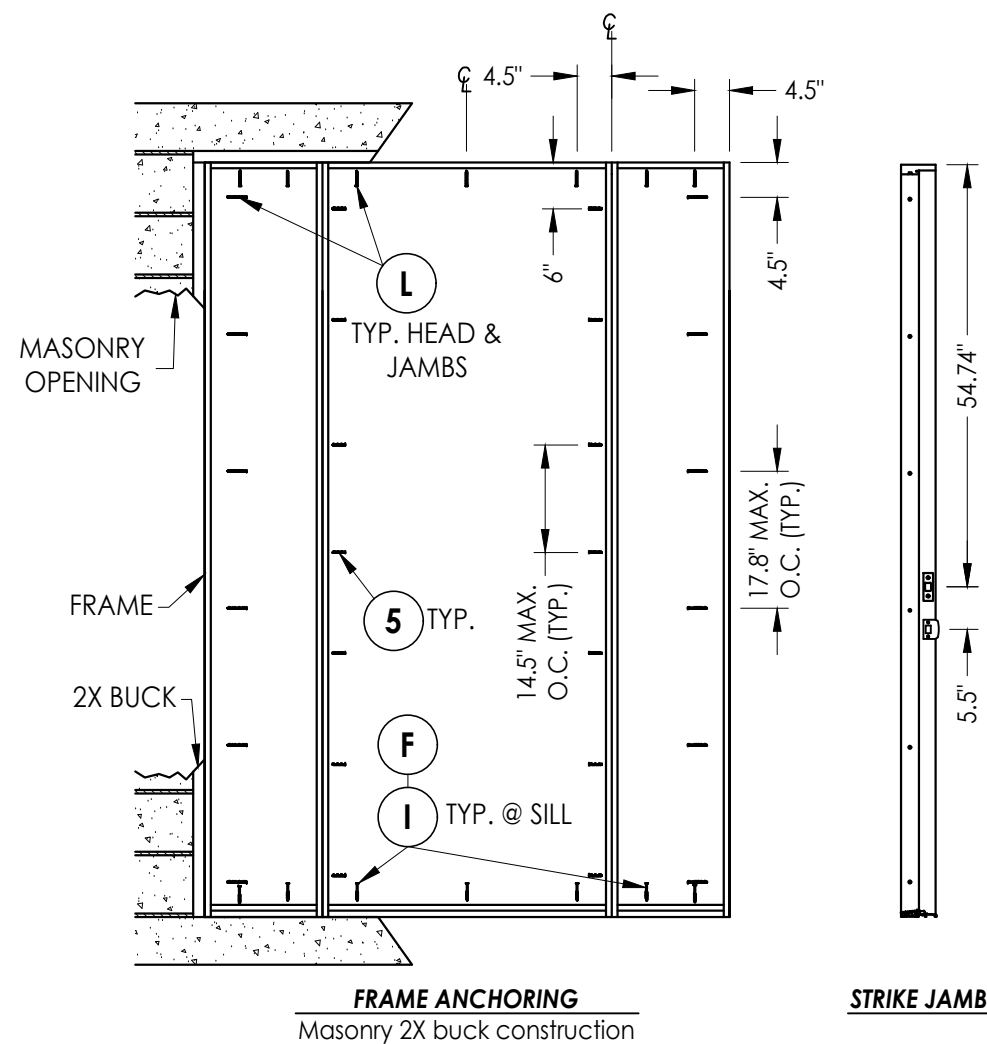
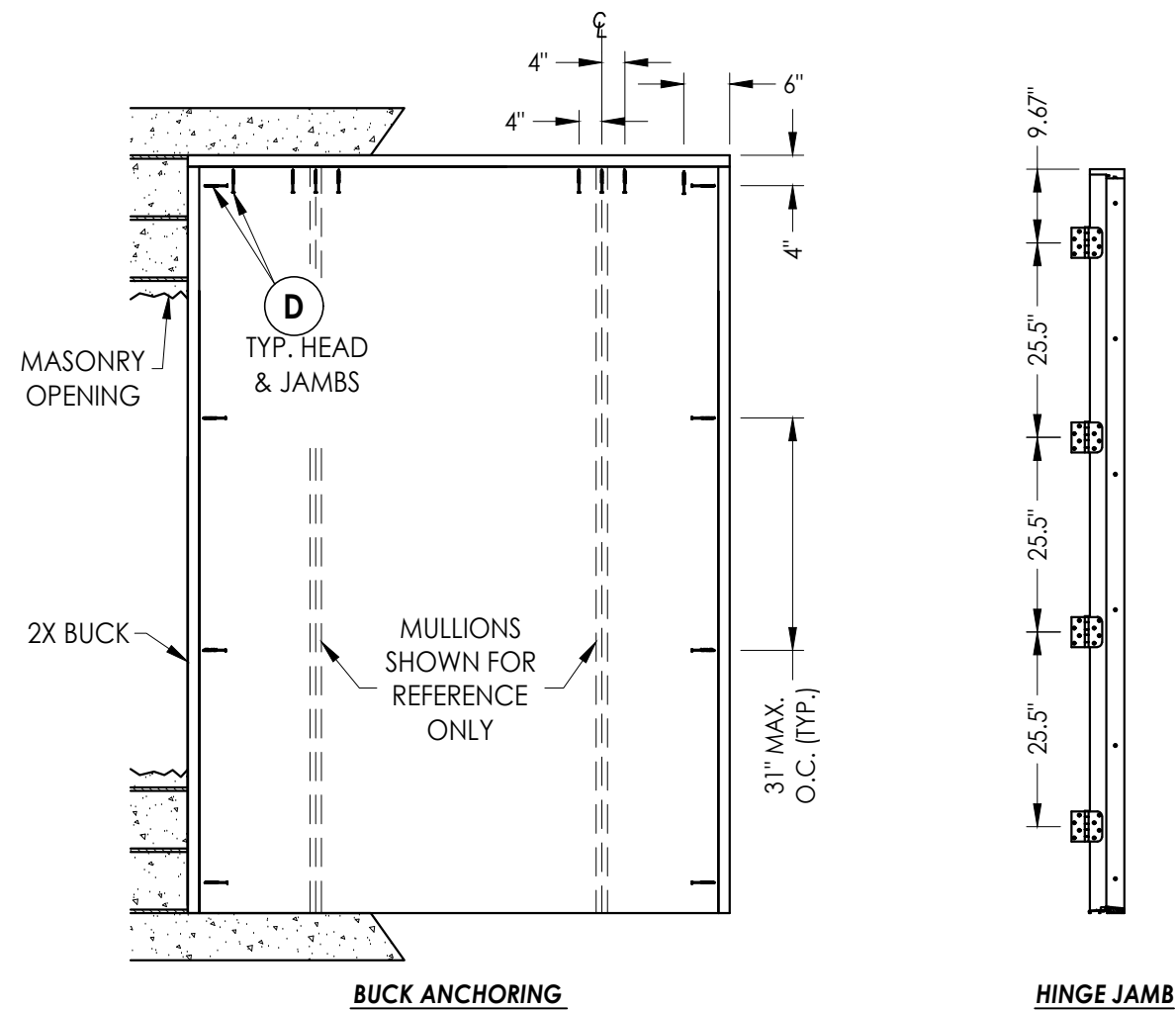
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.18

SHEET 6 OF 9



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 ULTRA-CON® | 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.

|  |           |          |                        |        |     |     |
|--|-----------|----------|------------------------|--------|-----|-----|
|  |           |          |                        |        |     |     |
|  | 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     |                        |        |     |     |
|  | REVISIONS |          |                        |        |     |     |

DATE: 02/15/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: *LFS*

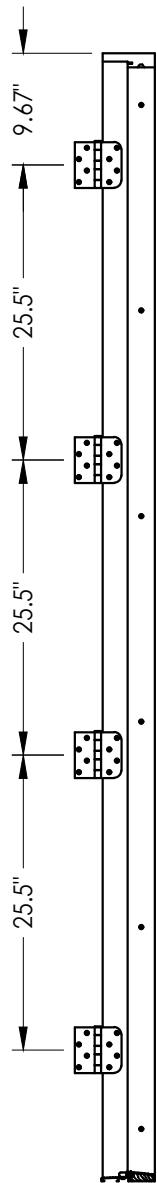
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FL-15215.18

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

***RRW*** BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
FBPE Registry No. 9813

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HINGE JAMB

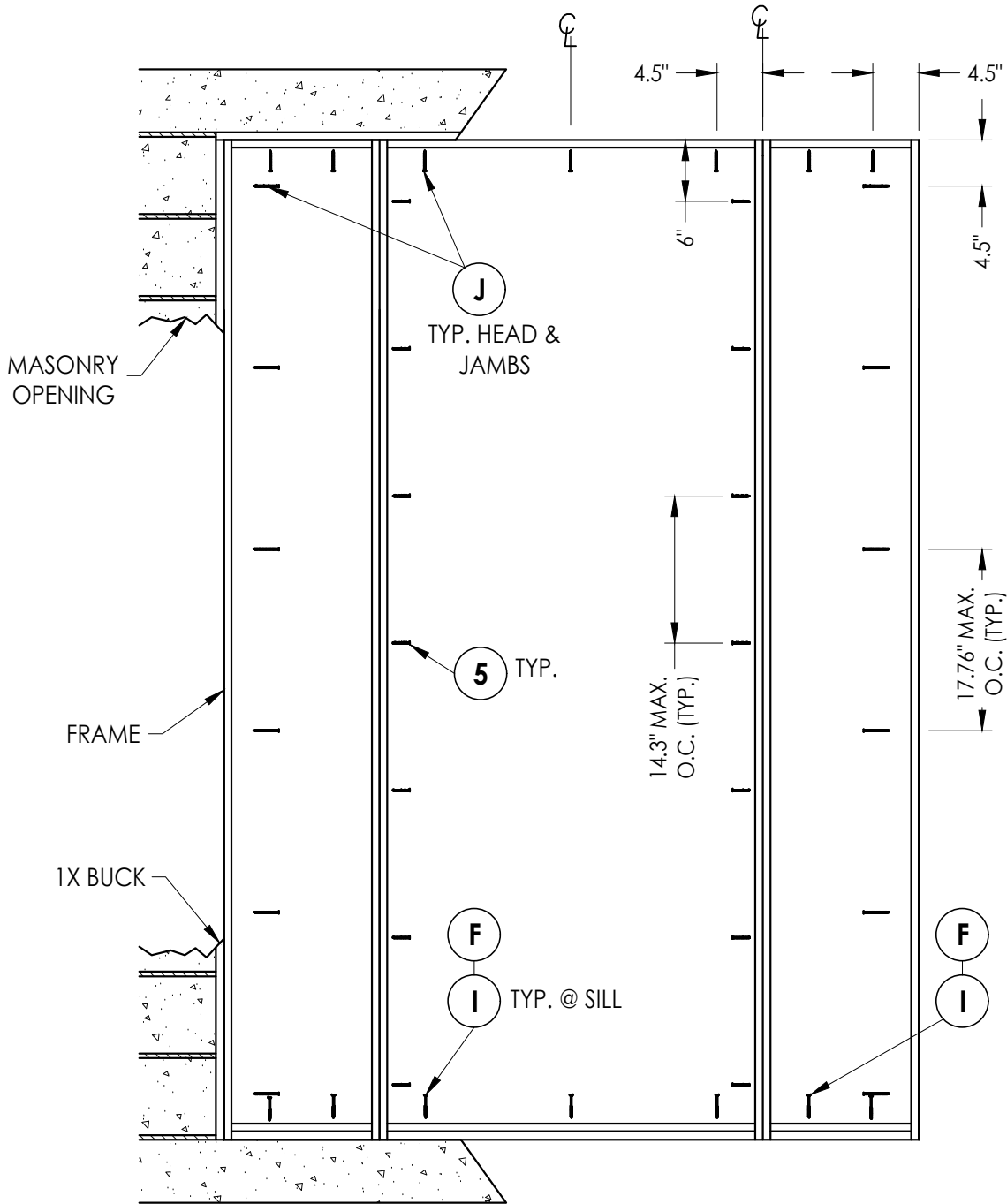
CONCRETE ANCHOR NOTES:

- 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:

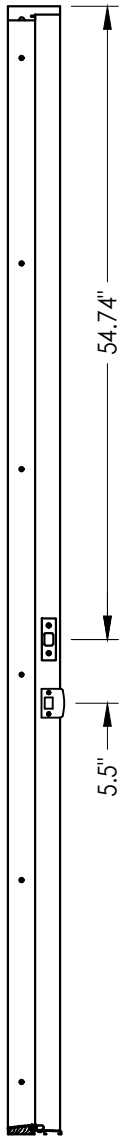
| ANCHOR TYPE | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON® | 1/4"        | 1-1/4"         | 2"                   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

WOOD SCREW INSTALLATION NOTES:

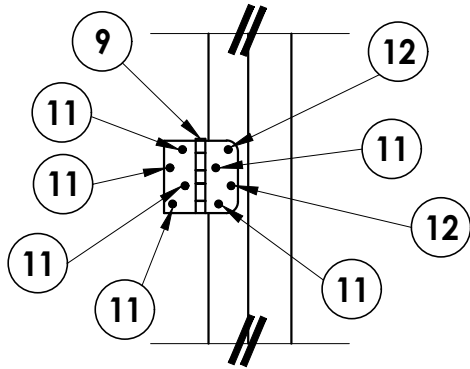
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



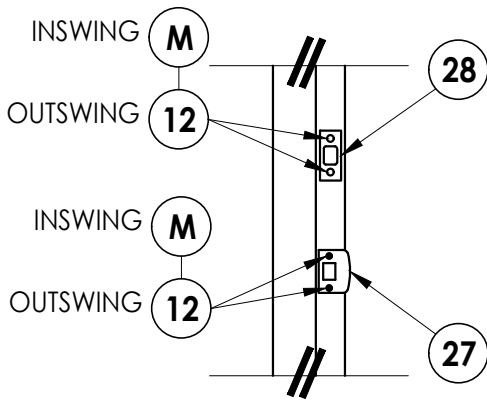
FRAME ANCHORING  
Masonry 1X buck construction



STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL

Documents Prepared By:  
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P.E. No. 43409

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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 |
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CHK. BY: LFS

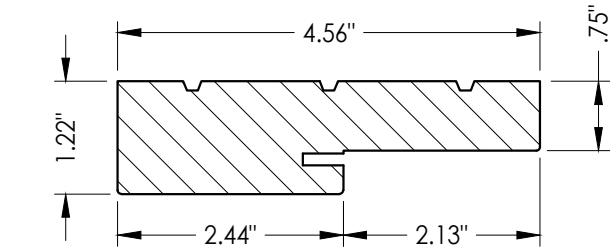
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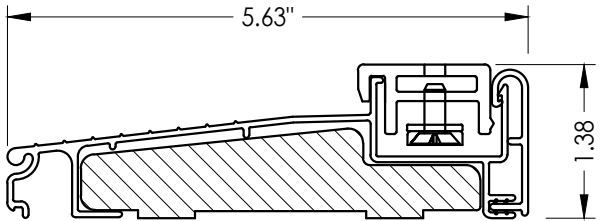
SHEET 8 OF 9

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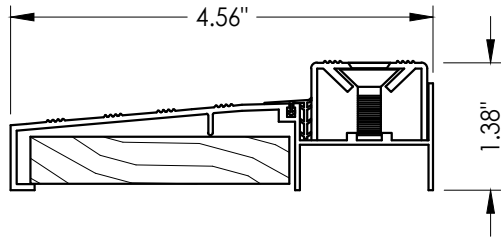
| BILL OF MATERIALS |                                                                                                |              |
|-------------------|------------------------------------------------------------------------------------------------|--------------|
| ITEM              | DESCRIPTION                                                                                    | 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 2-3/4" PFH ITW CONCRETE SCREW                                                           | STEEL        |
| I                 | 1/4" X 2-1/4" PFH ITW CONCRETE SCREW                                                           | STEEL        |
| J                 | 1/4" X 3-3/4" PFH ITW CONCRETE 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        |
| 5                 | #10 X 2" PFH SCREW                                                                             | STEEL        |
| 6                 | SEALANT                                                                                        | SILICONE     |
| 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        |
| 12                | #9 X 2" 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         |
| 22                | #8 X 2" PFH WOOD SCREW                                                                         | STEEL        |
| 27                | LATCH STRIKE PLATE                                                                             | STEEL        |
| 28                | DEADBOLT STRIKE PLATE                                                                          | STEEL        |
| 29                | SIDELITE SPACER                                                                                | PVC          |
| 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 |
| 35                | SHOE MOULD 5/8" X 3/8"                                                                         | 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     |
| 50                | SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS                      | -            |
| 51                | SIDELITE STILE                                                                                 | CELLULAR PVC |
| 52                | SIDELITE STILE SUPPORT                                                                         | WOOD         |
| 53                | SIDELITE BOTTOM RAIL                                                                           | CELLULAR PVC |



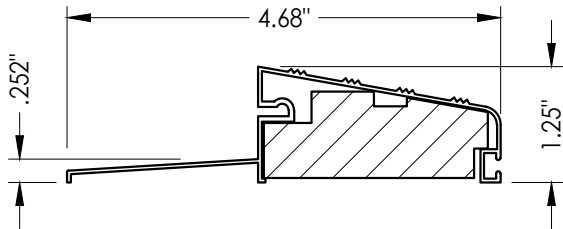
20 HEAD & SIDE Jamb



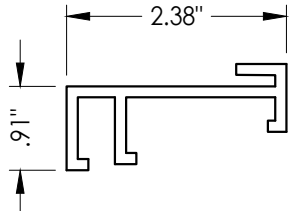
33 ADJUSTABLE INSWING THRESHOLD



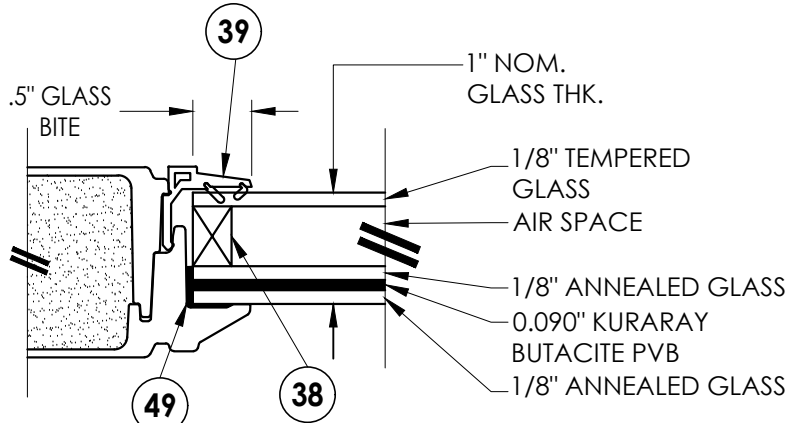
34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



29 SIDELITE SPACER



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

|           | LFS      | DAC                      | JK  | JK | RW | BY |
|-----------|----------|--------------------------|-----|----|----|----|
| 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   |     |    |    |    |
|           | NO.      | DATE                     |     |    |    |    |
| REVISIONS |          |                          |     |    |    |    |

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.18

SHEET 9 OF 9