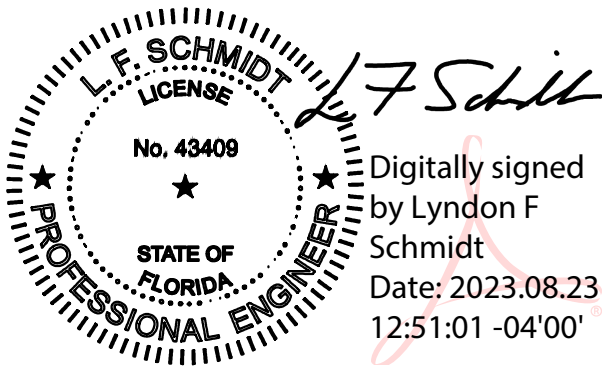




plastpro

5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045



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.

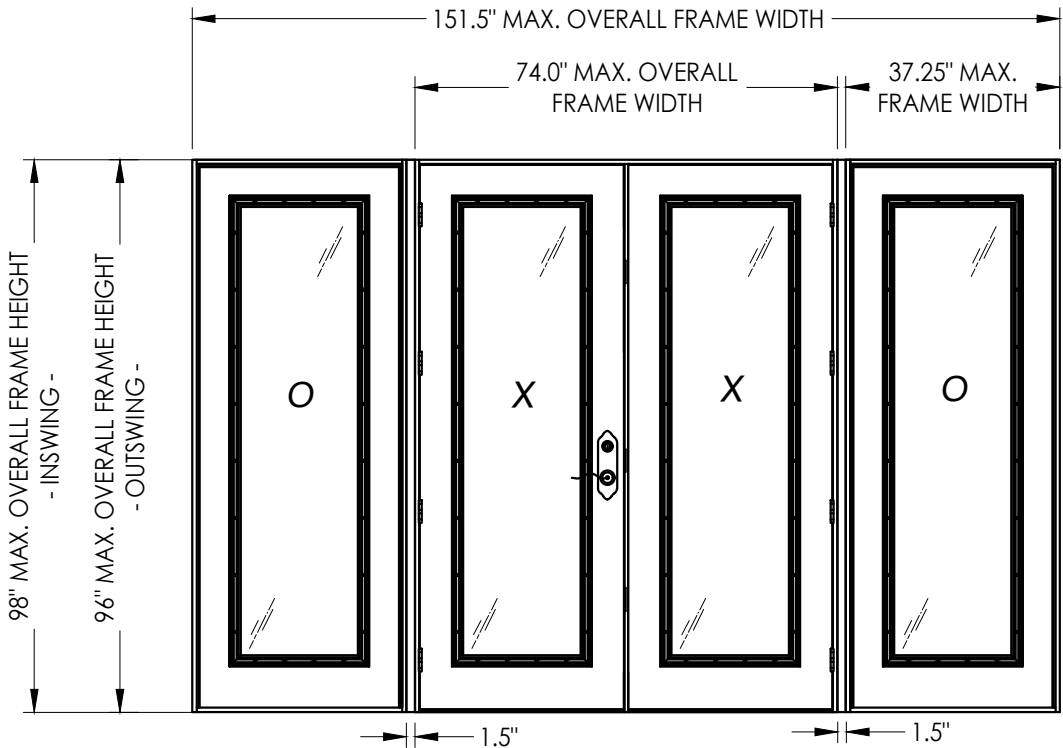
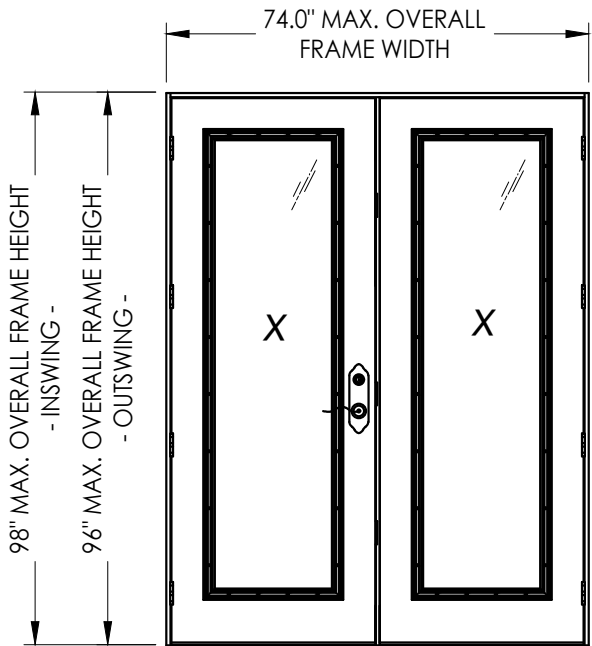
THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

GLAZED FIBERGLASS DOUBLE 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                 | Vertical cross sections                              |
| 6                 | Vertical cross sections                              |
| 7                 | Buck & frame anchoring (XX)                          |
| 8                 | Buck anchoring (OXXO)                                |
| 9                 | Frame anchoring (OXXO)                               |
| 10                | Astragal & multi-point lock details                  |
| 11                | Components                                           |
| 12                | Bill of materials & glazing detail                   |



| CONFIGURATION | MAX. FRAME DIMENSION | MAX. D.L.O. DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-----------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      |                       | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| XX            | 74.0" x 98.0"        | 21.0" x 79.0"         | +45.0                         | -45.0    | +45.0                          | -45.0    |
| OXXO          | 151.5" x 98.0"       | 21.0" x 79.0"         | +45.0                         | -45.0    | +45.0                          | -45.0    |

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

PLASTPRO INC.  
FIBERGLASS DOOR

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

LFS  
DAC  
JK  
JK  
JK  
BY

8/23/23  
8/05/20  
08/02/17  
3/10/16  
04/22/15  
NO.

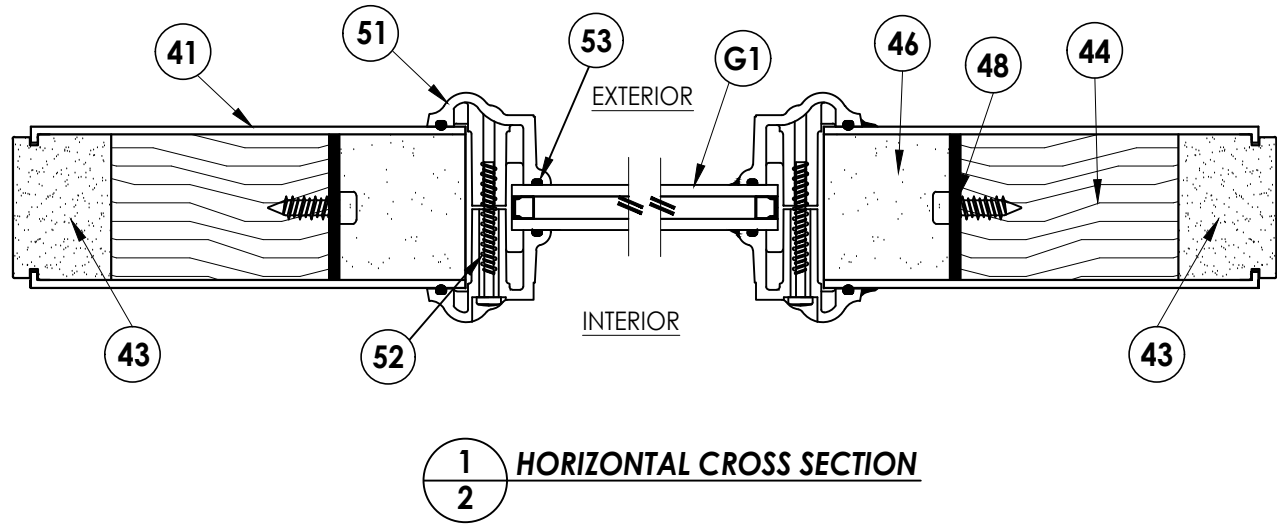
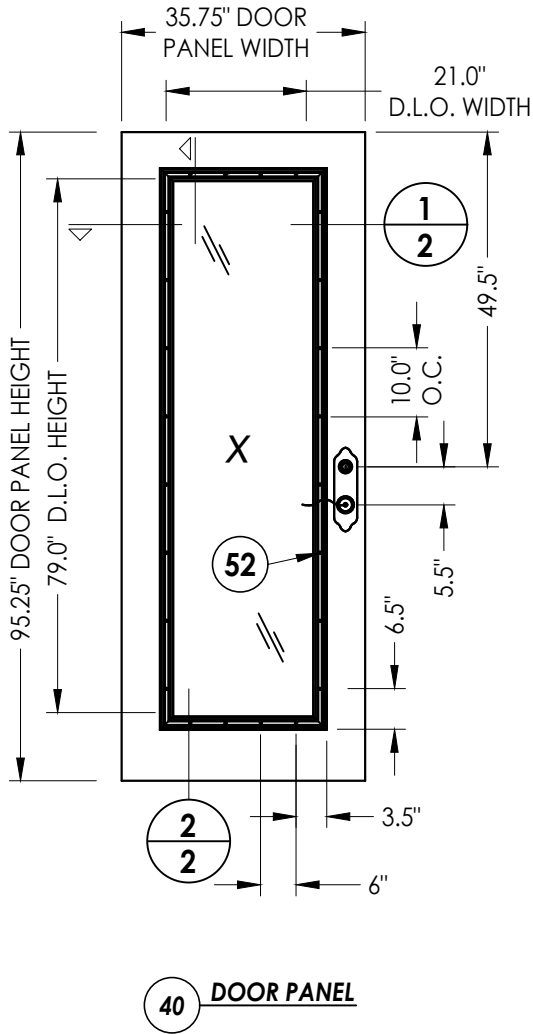
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UPDATE TO 7TH ED. (2020)  
UPDATE TO 6TH ED. (2017)  
ADDED ADA O.S. BUMP THRESHOLD  
UPDATE TO 5TH ED. (2014)  
DATE

FBC  
FBC  
FBC  
FBC  
FBC  
REVISIONS

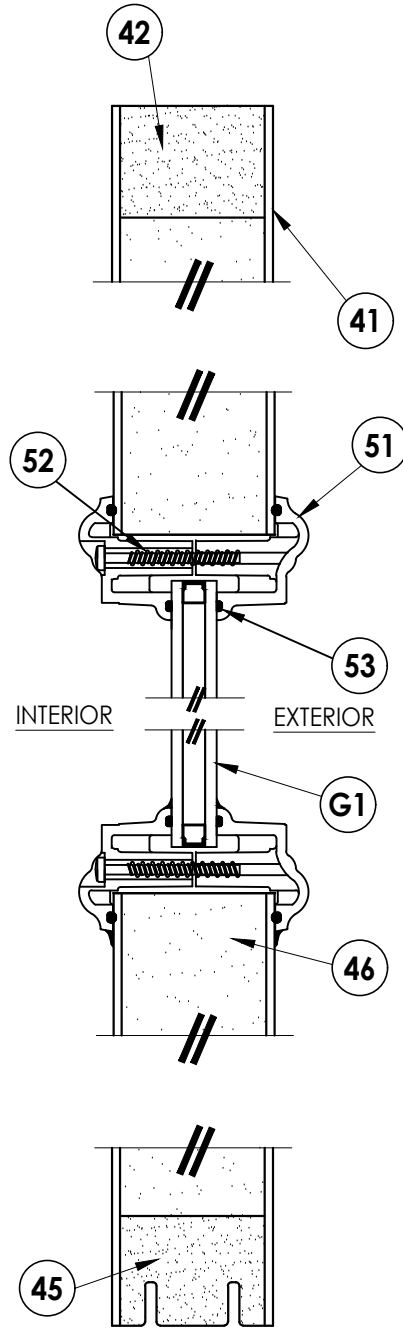
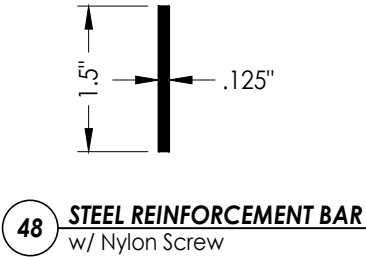
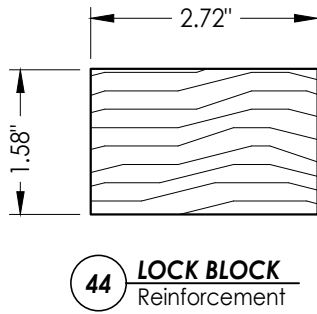
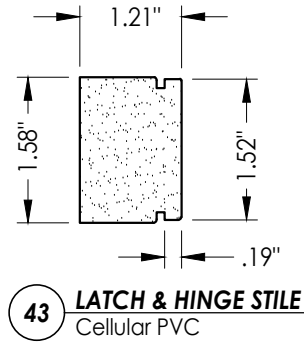
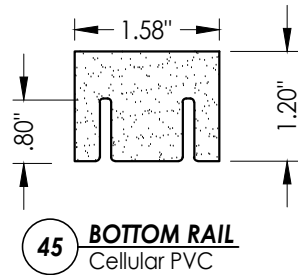
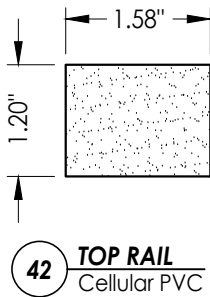
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SCALE: N.T.S.  
DWG. BY: AP  
CHK. BY: LFS  
DRAWING NO.: FL-17184.20  
SHEET 1 OF 12

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

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1  
2 HORIZONTAL CROSS SECTION



2  
2 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 INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

| NO. | DATE     | REVISIONS                     |
|-----|----------|-------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  |
| 4   | 8/05/20  | 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: AP

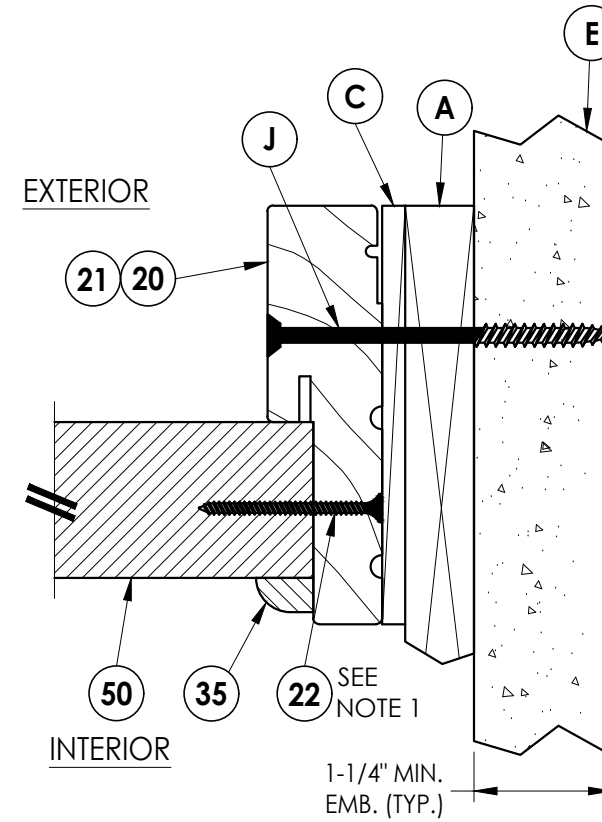
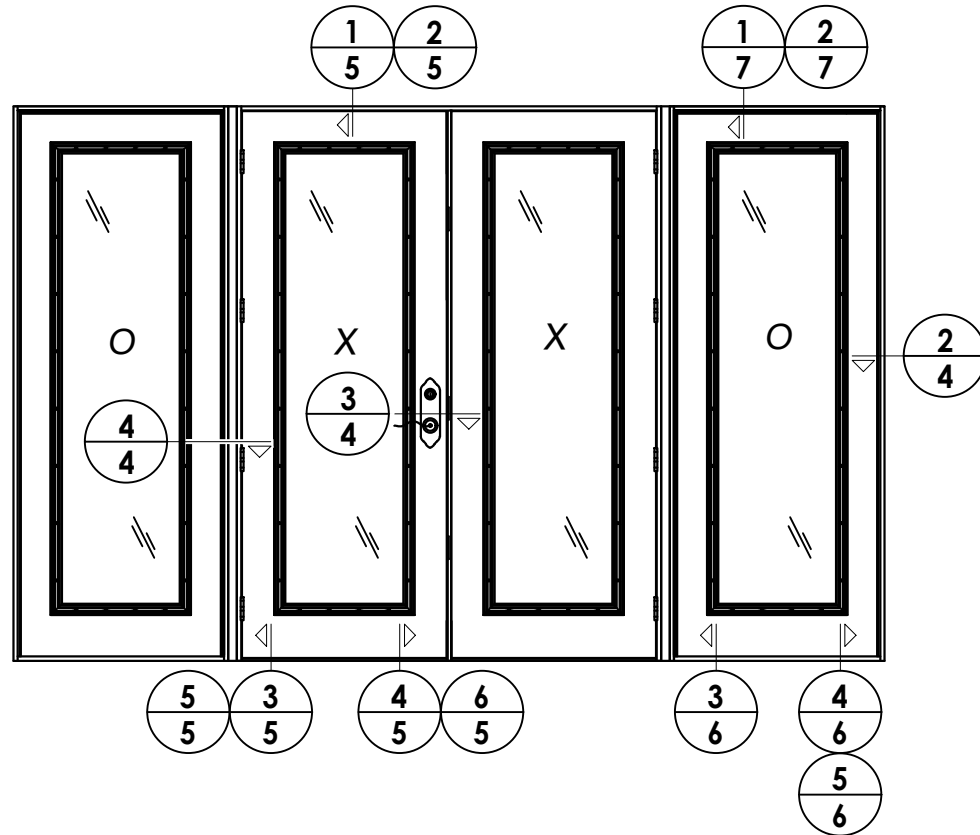
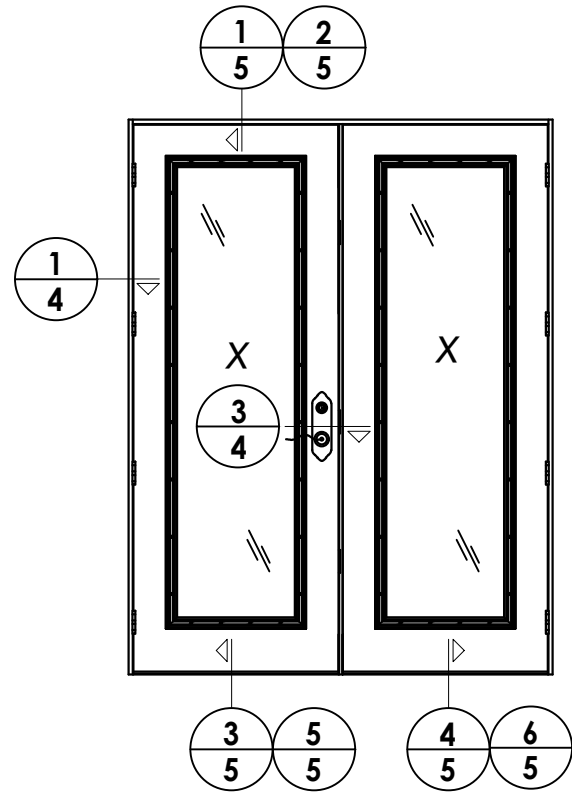
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DRAWING NO.: FL-17184.20

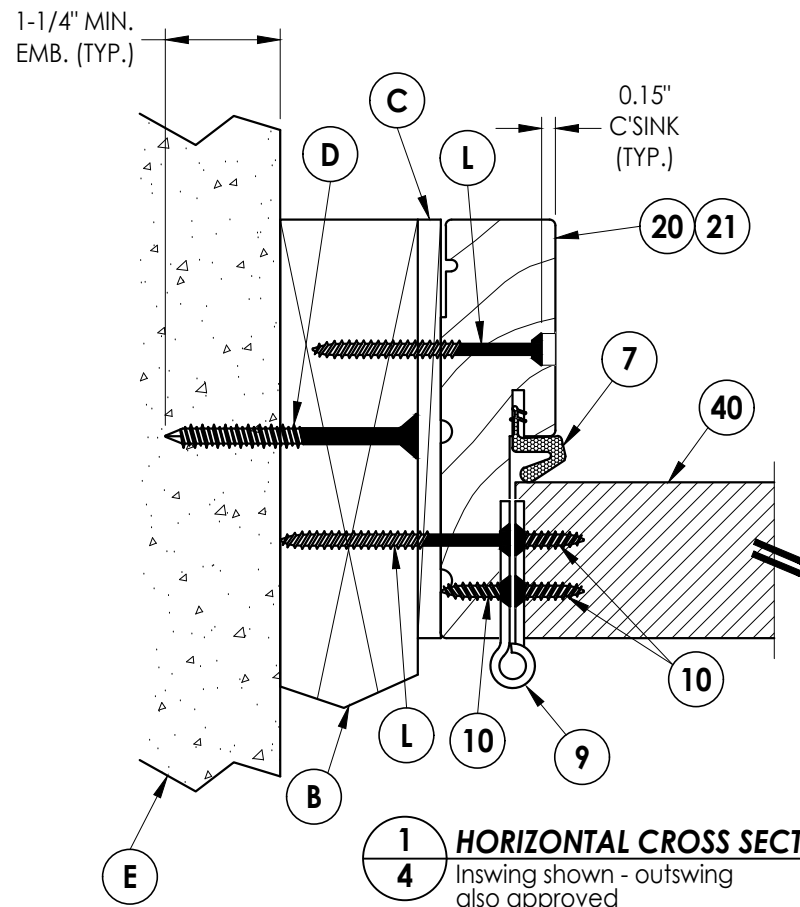
SHEET 2 OF 12



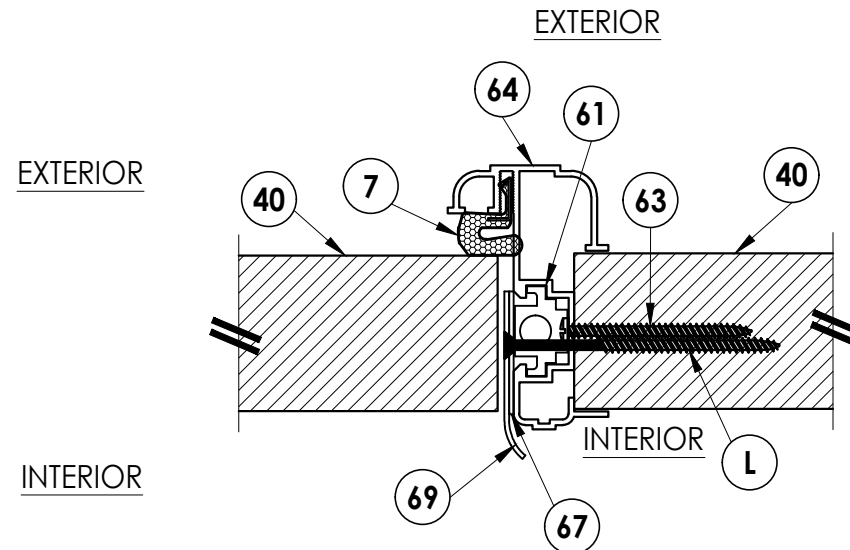
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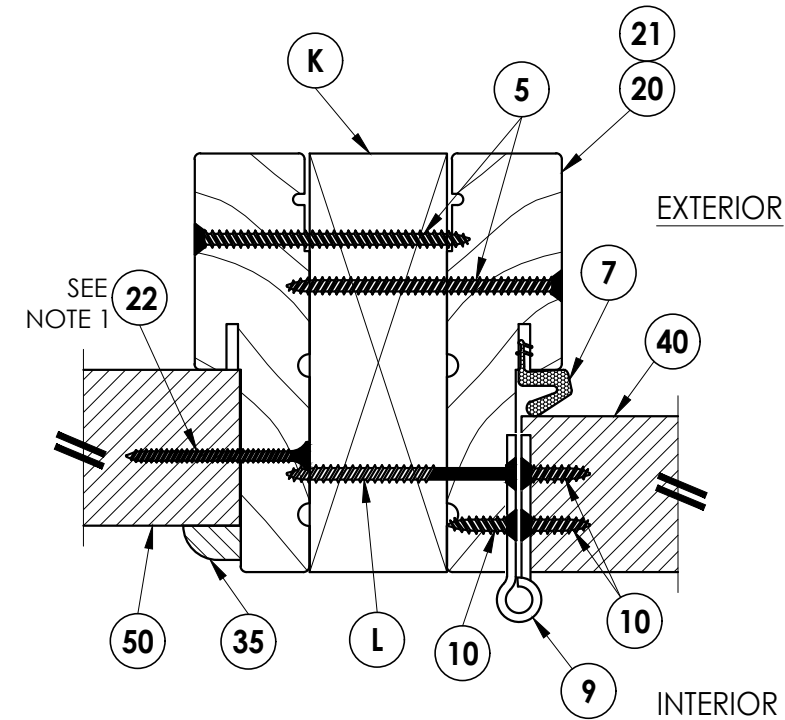
**2**  
**4** **HORIZONTAL CROSS SECTION**  
Shown w/1X sub-buck



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



**3**  
**4** **HORIZONTAL CROSS SECTION**



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

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

PRODUCT:  
PLASTPRO INC.  
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:  
HORIZONTAL CROSS SECTIONS

| NO.                      | DATE     | REVISIONS                     |     |     |    |    |
|--------------------------|----------|-------------------------------|-----|-----|----|----|
|                          |          | BY                            | JK  | JK  | JK | JK |
| 5                        | 8/23/23  | UPDATE TO 8TH ED. (2023)      | FBC | LFS |    |    |
| 4                        | 8/05/20  | 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: AP              |          |                               |     |     |    |    |
| CHK. BY: LFS             |          |                               |     |     |    |    |
| DRAWING NO.: FL-17184.20 |          |                               |     |     |    |    |
| SHEET 4 OF 12            |          |                               |     |     |    |    |

INTERIOR

EXTERIOR

EMB. (TYP.)

40

30

N

32

E

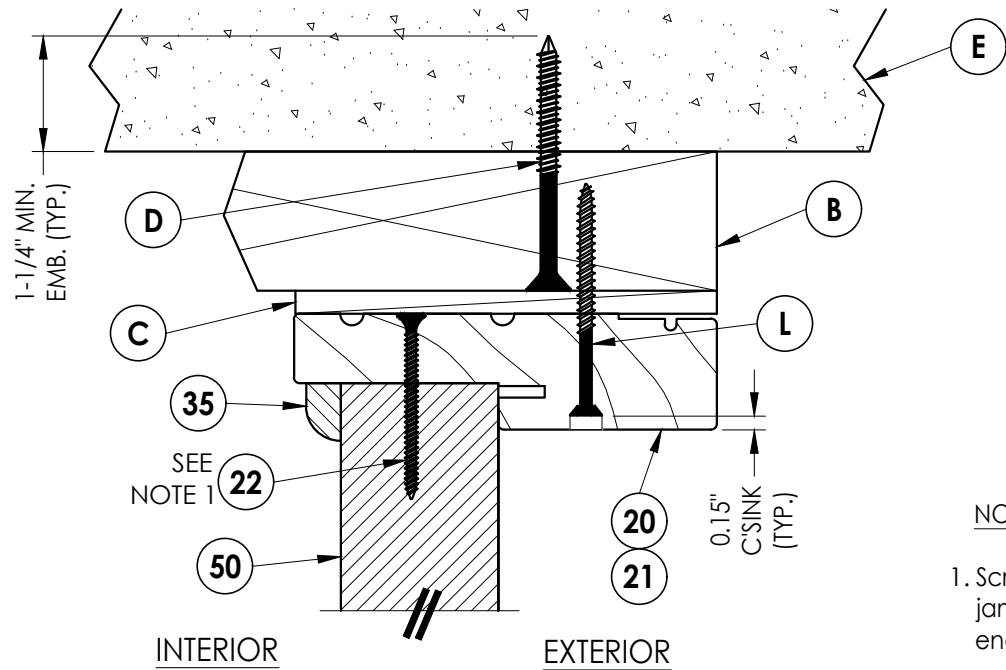
1-1/4" MIN.  
EMB. (TYP.)

[illegible]

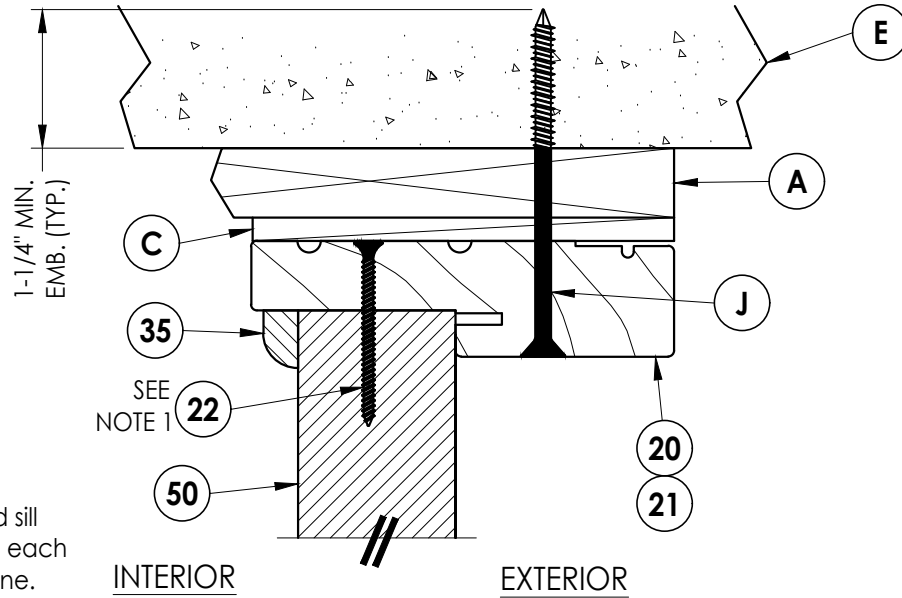
A detailed cross-section diagram of a door threshold assembly. The diagram is divided into two main sections: 'INTERIOR' on the left and 'EXTERIOR' on the right, separated by a vertical line. The interior side shows a concrete floor with aggregate and a metal threshold profile. A vertical dimension line on the left indicates a minimum embedment depth of 1-1/4 inches. Various components are labeled with circled numbers: 31 points to the top flange of the threshold, 7 points to the bottom flange, and F points to the concrete floor. The exterior side shows a concrete wall and a metal door frame. A label 40 points to the exterior side of the threshold, and E points to the exterior floor surface. The diagram illustrates the integration of the threshold with the door frame and the surrounding structure.

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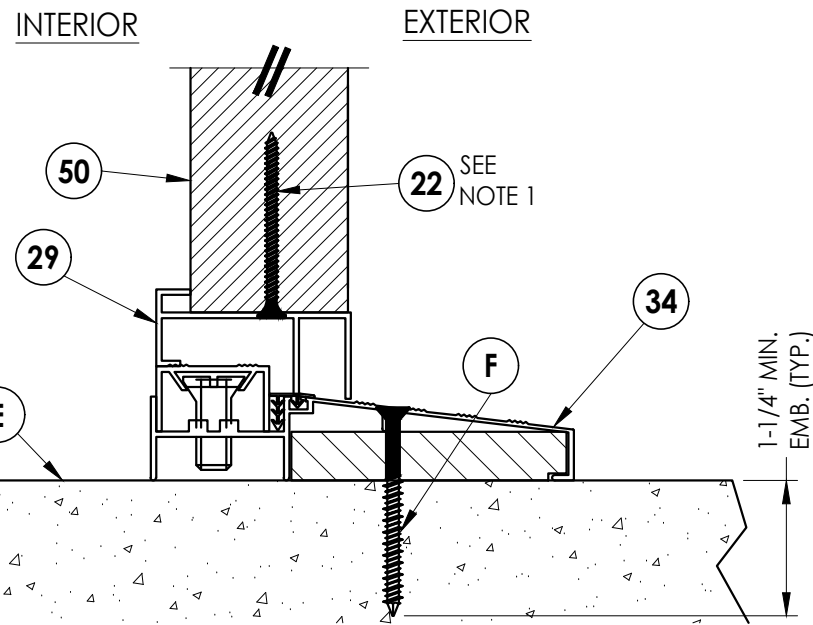
**1**  
**6** **VERTICAL CROSS SECTION**  
Inswing shown - outswing  
also approved



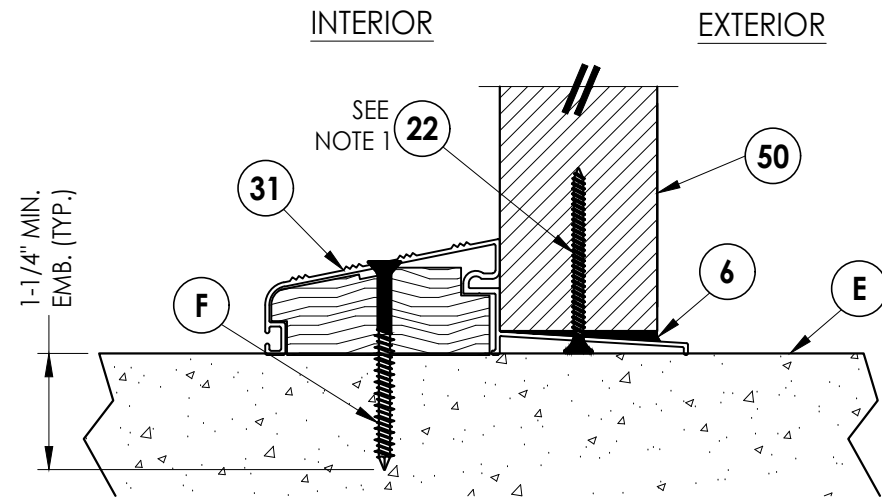
**2**  
**6** **VERTICAL CROSS SECTION**  
Shown w/1X sub-buck

NOTE:

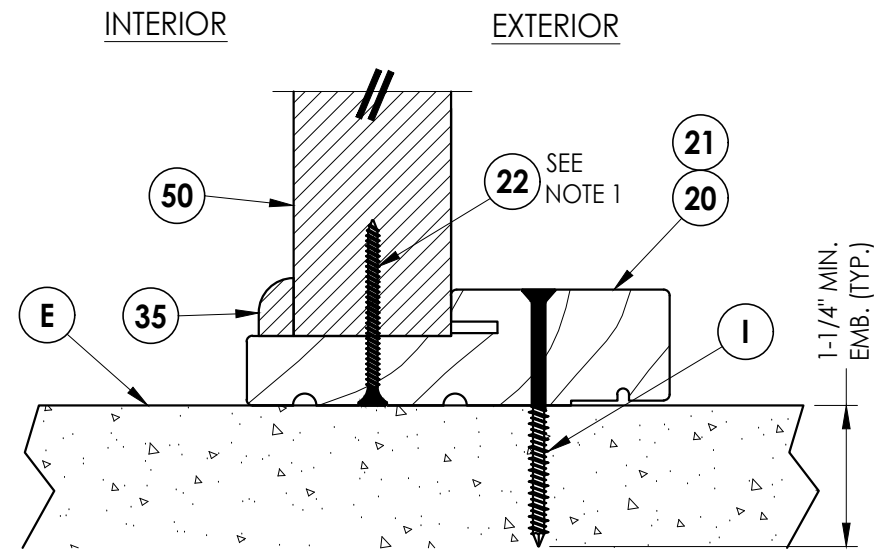
1. Screws thru head and sill  
jamb located 3" from each  
end and O.C. (TYP.) line.



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



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



**5**  
**6** **VERTICAL CROSS SECTION**  
Outswing configuration

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

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

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

| NO. | DATE     | REVISIONS                     |
|-----|----------|-------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  |
| 4   | 8/05/20  | 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  |
|     |          | BY                            |

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

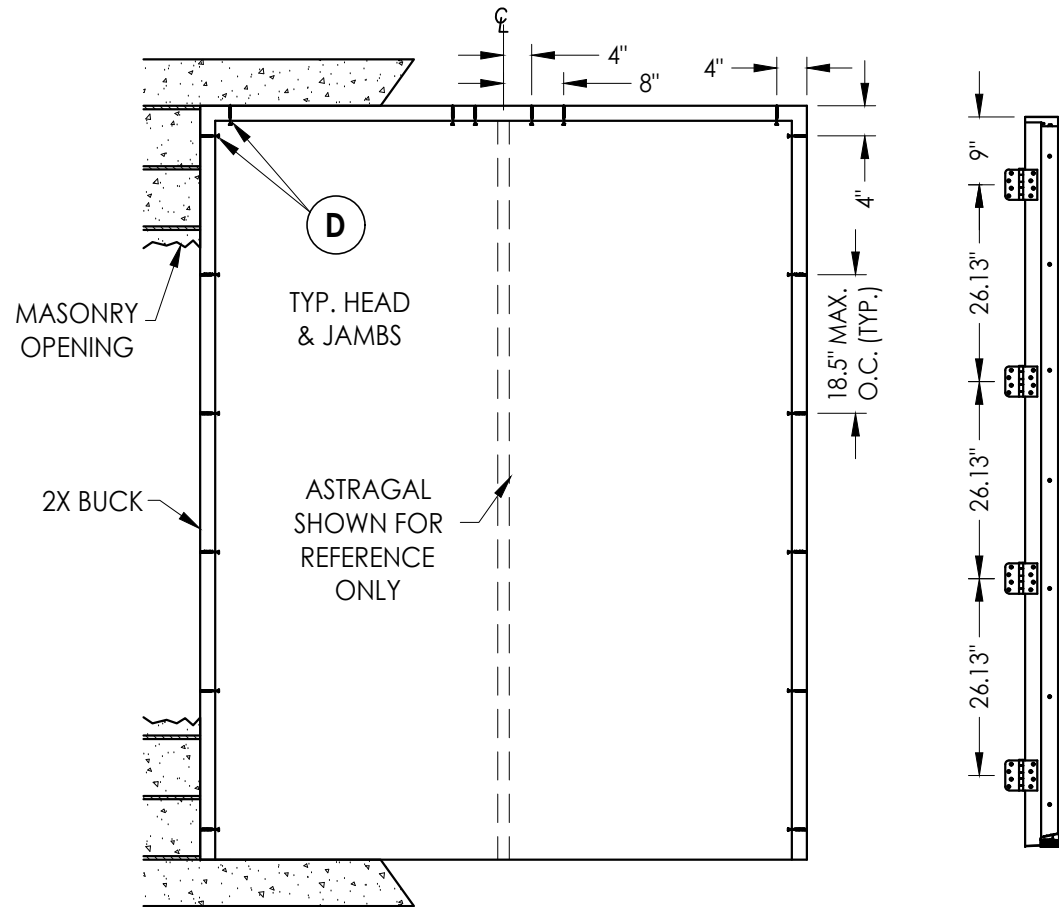
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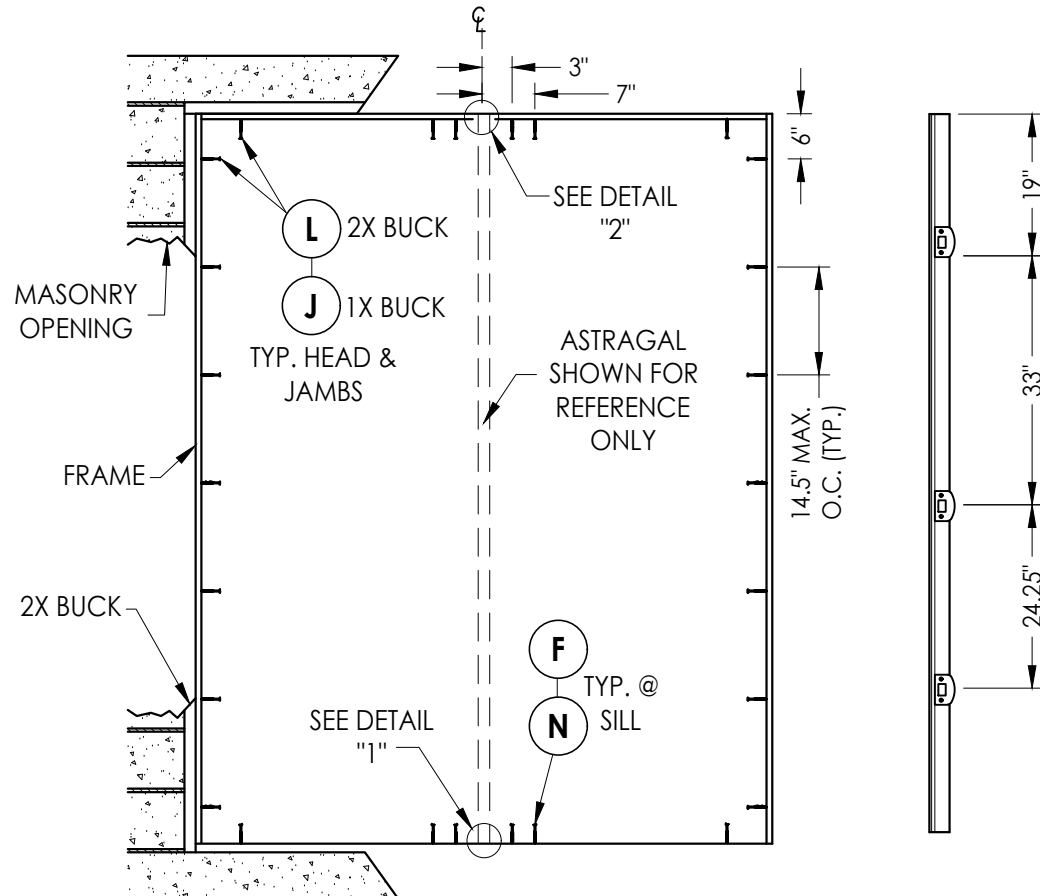
FL-17184.20

SHEET 6 OF 12

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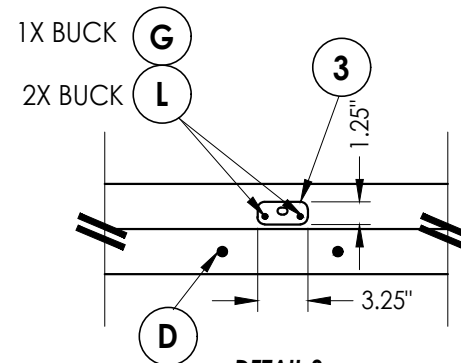


BUCK ANCHORING

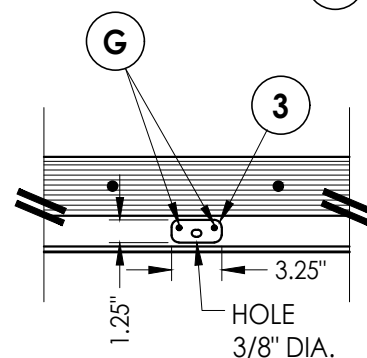


HINGE JAMB

FRAME ANCHORING  
Masonry construction

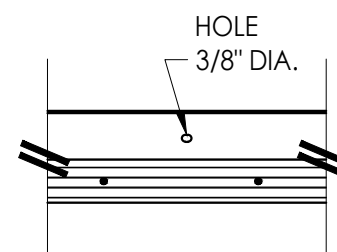


DETAIL 2



DETAIL 1

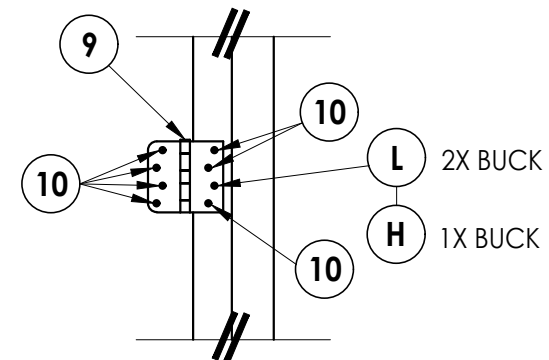
Inswing configuration



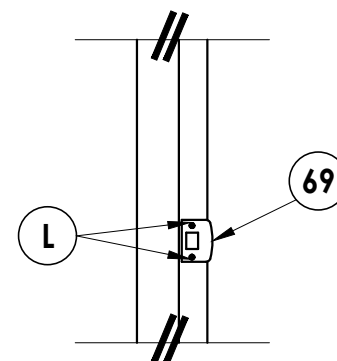
DETAIL 1

Outswing configuration

ASTRAGAL



HINGE DETAIL



LATCH DETAIL

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.

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

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

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

PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING  
(XX)

|     |          | REVISIONS |          |                               |           |  |
|-----|----------|-----------|----------|-------------------------------|-----------|--|
| NO. | DATE     | BY        | DATE     | DESCRIPTION                   | REVISIONS |  |
| 5   | 8/23/23  | LFS       | 8/25/14  | UPDATE TO 8TH ED. (2023) FBC  |           |  |
| 4   | 8/05/20  | DAC       | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC  |           |  |
| 3   | 08/02/17 | JK        | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC  |           |  |
| 2   | 3/10/16  | JK        | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD |           |  |
| 1   | 04/22/15 | JK        | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC  |           |  |

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AP

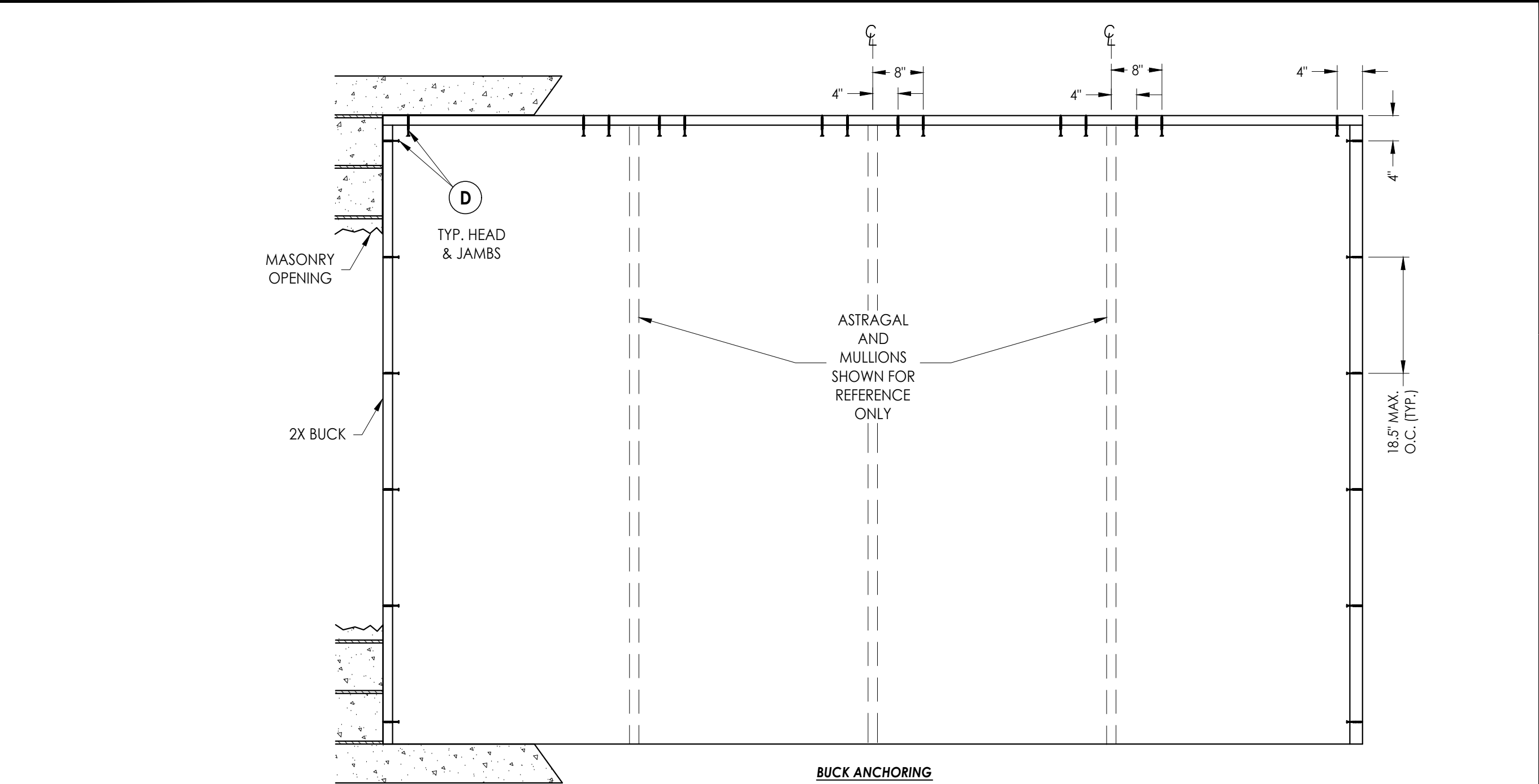
CHK. BY: LFS

DRAWING NO.:

FL-17184.20

SHEET 7 OF 12

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BUCK ANCHORING

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.
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|-------------------|-------------|----------------|--------------------------------|-----------------------------------|
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| DeWALT ULTRAACON® | 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.

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

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BUCK ANCHORING  
(OXXO)

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

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

308/02/17UPDATE TO 6TH ED. (2017) FBC

23/10/16ADDED ADA O.S. BUMP THRESHOLD

104/22/15UPDATE TO 5TH ED. (2014) FBC

LFS

DAC

JK

JK

BY

REVISIONS

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AP

CHK. BY: LFS

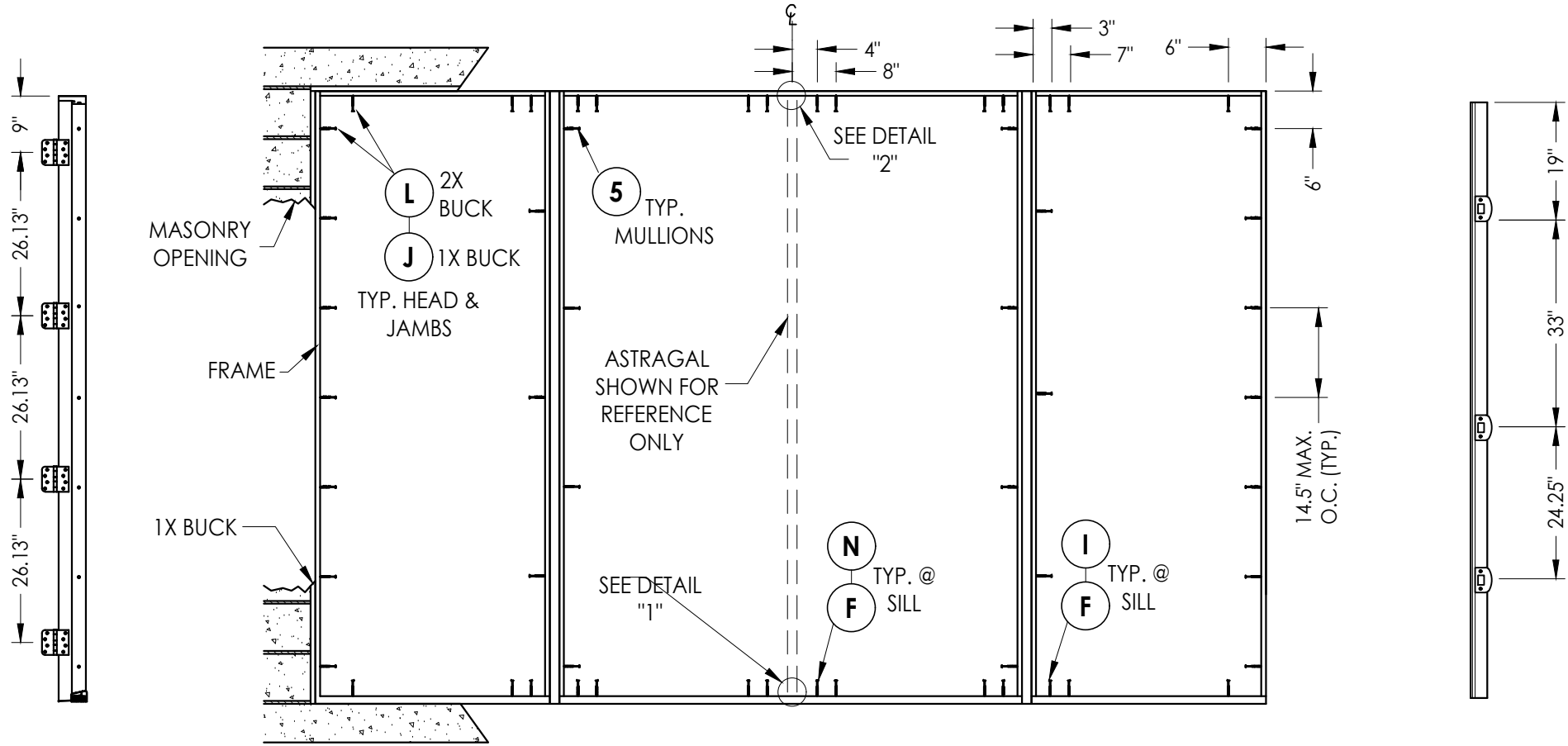
DRAWING NO.: FL-17184.20

SHEET 8 OF 12

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

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HINGE JAMB

FRAME ANCHORING  
Masonry construction

ASTRAGAL

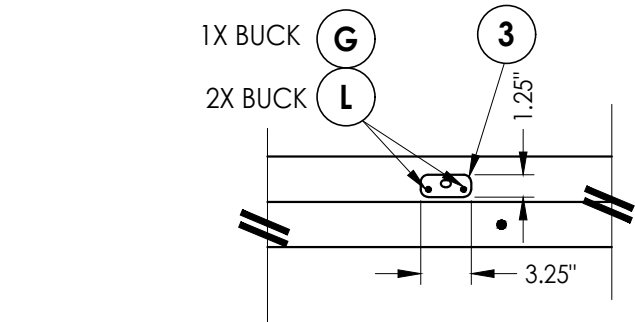
CONCRETE ANCHOR NOTES:

- 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:

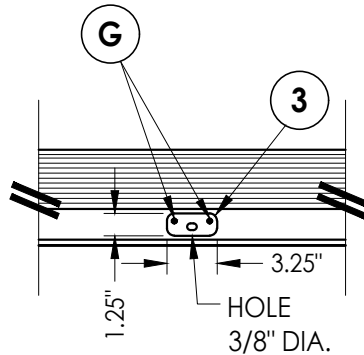
| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
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| DeWALT 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.

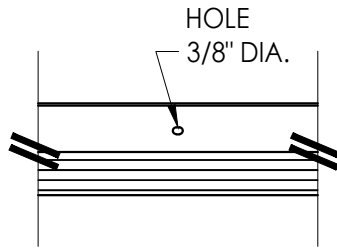


DETAIL 2



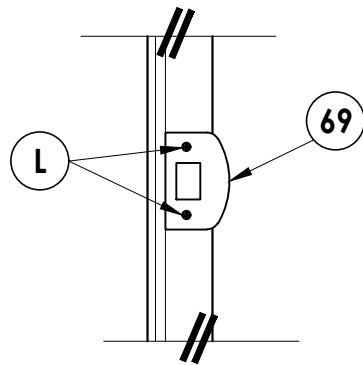
DETAIL 1

Inswing configuration

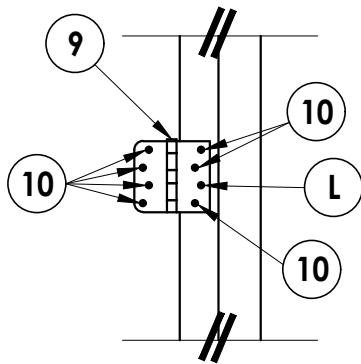


DETAIL 1

Outswing configuration



LATCH DETAIL



HINGE DETAIL

Documents Prepared By:

Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT:

PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:

FRAME ANCHORING  
(OXXO)

DATE: 8/25/14

SCALE: N.T.S.

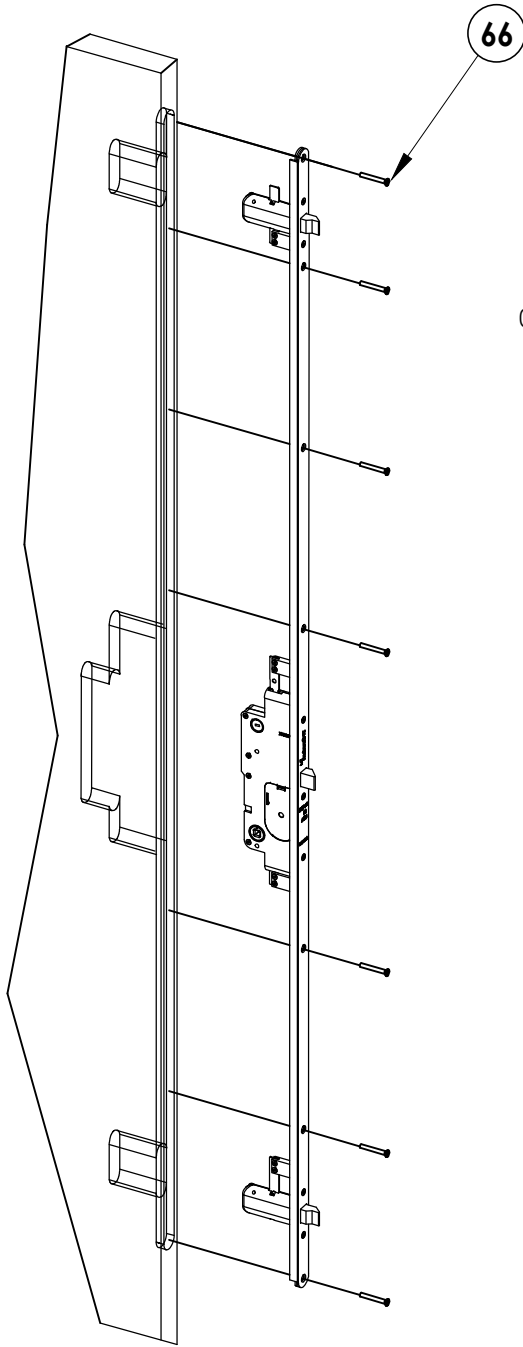
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CHK. BY: LFS

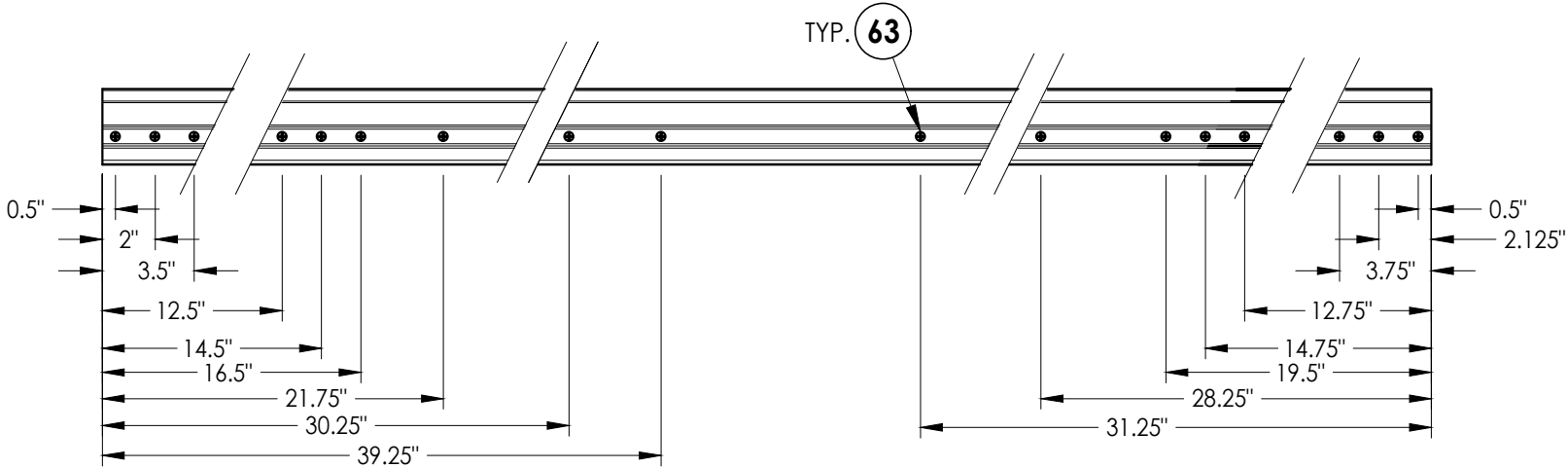
DRAWING NO.: FL-17184.20

SHEET 9 OF 12

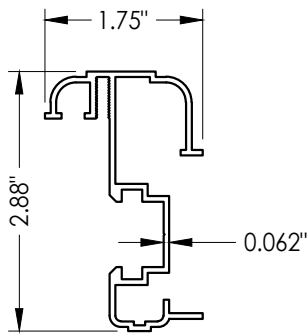
**R<sup>W</sup>** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813



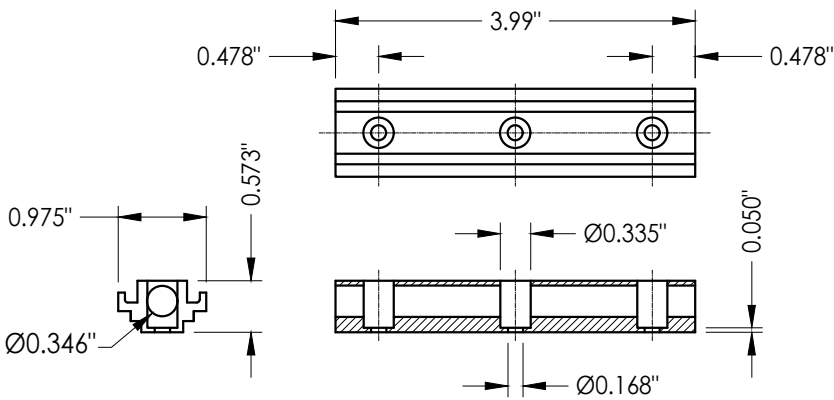
**65** MULTI-POINT LOCK  
Trilennium by Endura



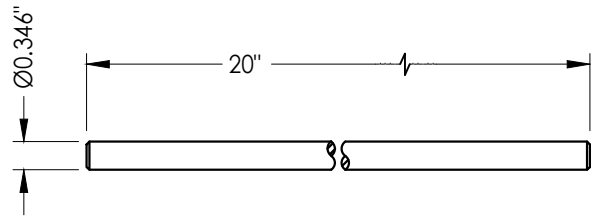
ASTRAGAL SCREW LOCATIONS



**64** ASTRAGAL  
By DLP



**61** CONCEALED STIFFENER



**62** SLIDE BOLT ROD  
Typ. top & bottom  
of astragal  
top through 2.0"  
bottom through 2.0"

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AP

CHK. BY: LFS

DRAWING NO.:  
FL-17184.20

SHEET 10 OF 12

| NO. | DATE     | REVISIONS                        |
|-----|----------|----------------------------------|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC LFS |
| 4   | 8/05/20  | 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  |
|     |          | BY                               |

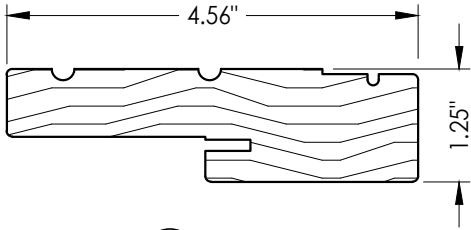
PRODUCT: PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
ASTRAGAL & MULTI-POINT  
LOCK DETAILS

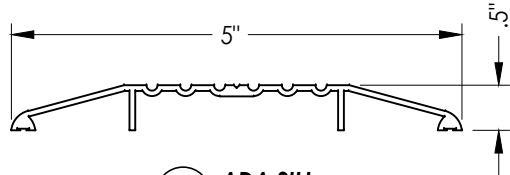
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

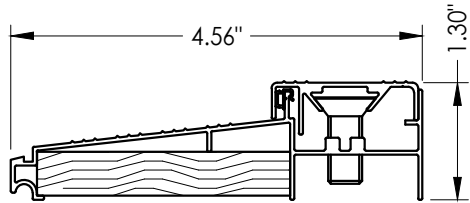
Z:\2023 FBC Drawings\Plastpro\FL-17184 R11\FL-17184.19-20.dwg



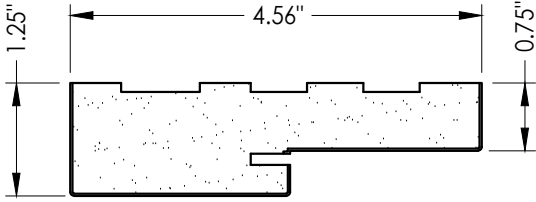
20 HEAD & SIDE  
Jamb



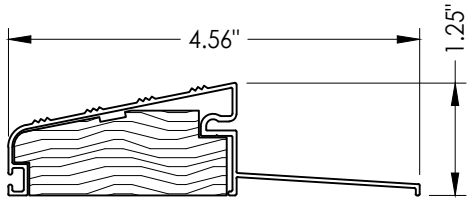
32 ADA SILL  
ISHC



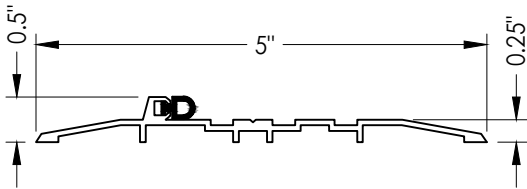
33 INSWING THRESHOLD  
ISCS



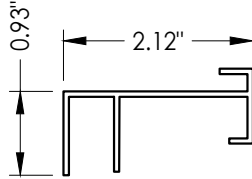
21 HEAD & SIDE  
Poly fiber jamb



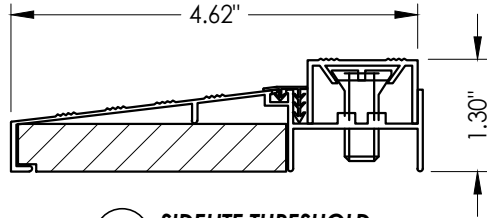
31 OUTSWING THRESHOLD  
QOSH



36 OUTSWING ADA BUMP THRESHOLD  
OSHC



29 SIDELITE SPACER  
ISSLB



34 SIDELITE THRESHOLD  
ISH/ EIS

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AP

CHK. BY: LFS

DRAWING NO.:  
FL-17184.20

SHEET 11 OF 12

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
COMPONENTS

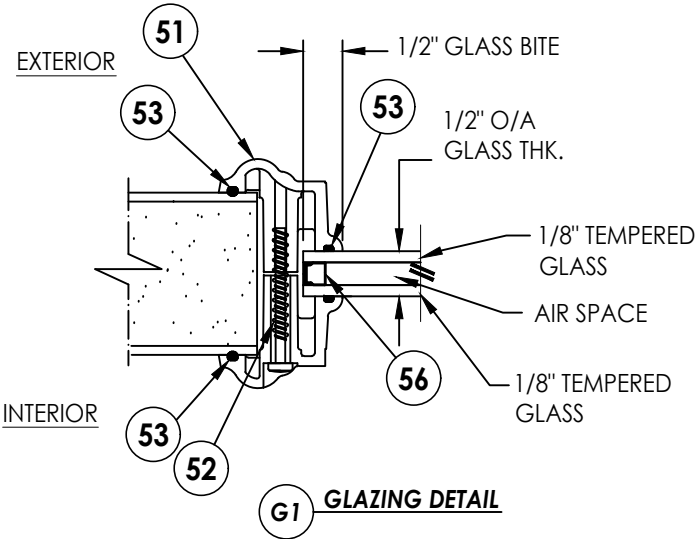
| NO. | DATE     | REVISIONS                     | BY  |
|-----|----------|-------------------------------|-----|
| 5   | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC  | LFS |
| 4   | 8/05/20  | UPDATE TO 7TH ED. (2020) FBC  | DAC |
| 3   | 08/02/17 | UPDATE TO 6TH ED. (2017) FBC  | JK  |
| 2   | 3/10/16  | ADDED ADA O.S. BUMP THRESHOLD | JK  |
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC  | JK  |

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

Z:\2023 FBC Drawings\Plastpro\FL-17184 R11\FL-17184.19-20.dwg

| 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        |
| 3                 | ASTRAGAL STRIKE PLATE                                                                          | 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                                                                    | ALUM.        |
| 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 (DOOR)                                                                     | CELLULAR PVC |
| 44                | LOCK BLOCK (SG >= 0.42)                                                                        | WOOD         |
| 45                | BOTTOM RAIL                                                                                    | CELLULAR PVC |
| 46                | FOAM CORE                                                                                      | POLYURETHANE |
| 47                | LATCH & HINGE STILE REINFORCEMENT                                                              | LVL          |
| 48                | LATCH & HINGE STILE STEEL REINFORCEMENT BAR                                                    | STEEL        |
| 49                | LATCH & HINGE STILE (SIDELITE)                                                                 | CELLULAR PVC |
| 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     |
| 61                | CONCEALED STIFFENER 6063-T6                                                                    | ALUMINUM     |
| 62                | SLIDE BOLT ROD                                                                                 | STEEL        |
| 63                | #8 X 2" PPH SMS                                                                                | STEEL        |
| 64                | ASTRAGAL 6063-T5 ALUMINUM BY DLP                                                               | ALUMINUM     |
| 65                | MULTI-POINT LOCK ASSEMBLY TRILENNIUM BY ENDURA                                                 | -            |
| 66                | #10 X 1-1/2" PFH SCREW                                                                         | ALUMINUM     |
| 67                | BACKING PLATE                                                                                  | STEEL        |
| 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><br>PLASTPRO INC.<br>FIBERGLASS DOOR              |          | PART OR ASSEMBLY:<br><br>BILL OF MATERIALS &<br>GLAZING DETAIL                                                     |     |
|                                                               |          |                                                                                                                    |     |
| 5                                                             | 8/23/23  | UPDATE TO 8TH ED. (2023) FBC                                                                                       | LFS |
| 4                                                             | 8/05/20  | 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: AP                                                   |          |                                                                                                                    |     |
| CHK. BY: LFS                                                  |          |                                                                                                                    |     |
| DRAWING NO.:<br>FL-17184.20                                   |          |                                                                                                                    |     |
| SHEET 12 OF 12                                                |          |                                                                                                                    |     |