



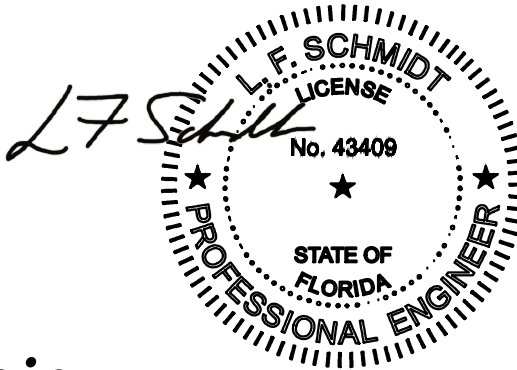
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configuration (using sill Item #29) meets water infiltration requirements for "HVHZ". The ADA configuration (using sill Item #35) does not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

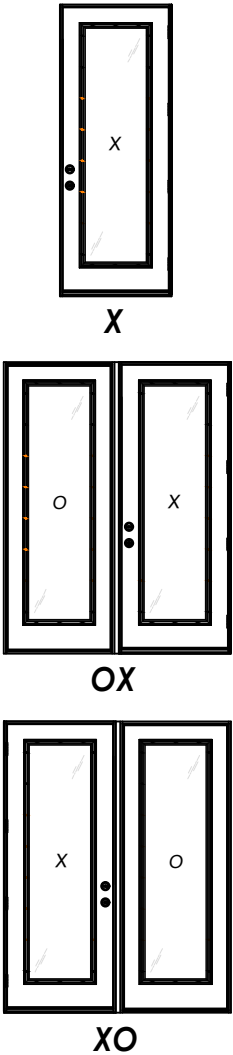
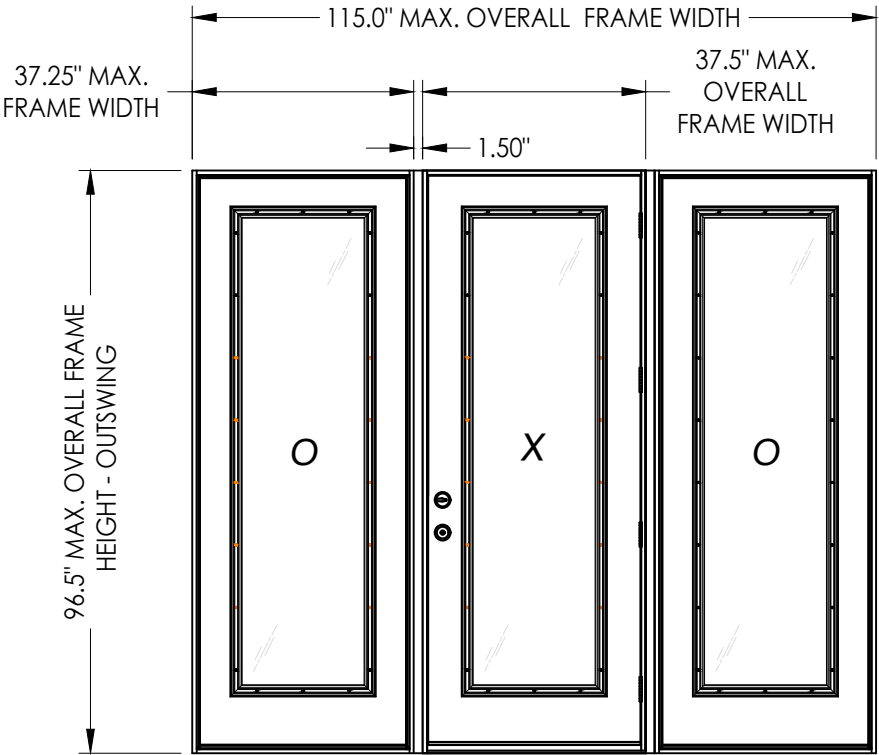
TABLE OF CONTENTS	
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2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Hardware details
11	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.28 12:35:35 -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



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
X	37.5" X 96.5"	20.63" X 78.75"	+50.0	-50.0
OX/XO	76.25" X 96.5"	20.63" X 78.75"	+50.0	-50.0
OXO	115.0" X 96.5"	20.63" X 78.75"	+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

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15180.3

SHEET 1 OF 11

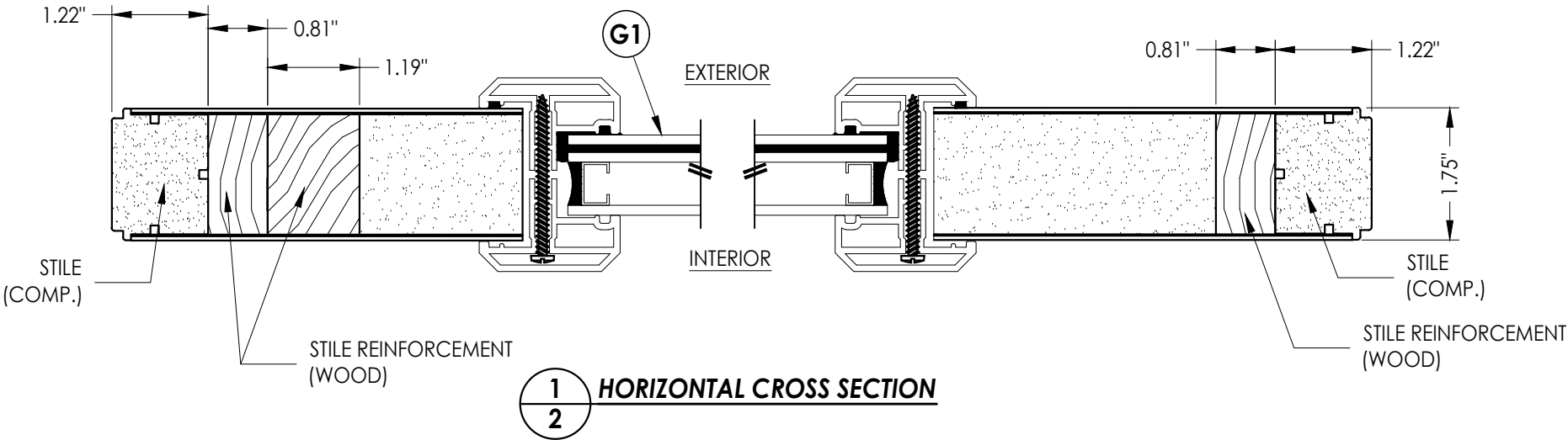
REVISIONS

NO.	DATE	BY
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC
4	6/28/22	ADD ADA THRESHOLD

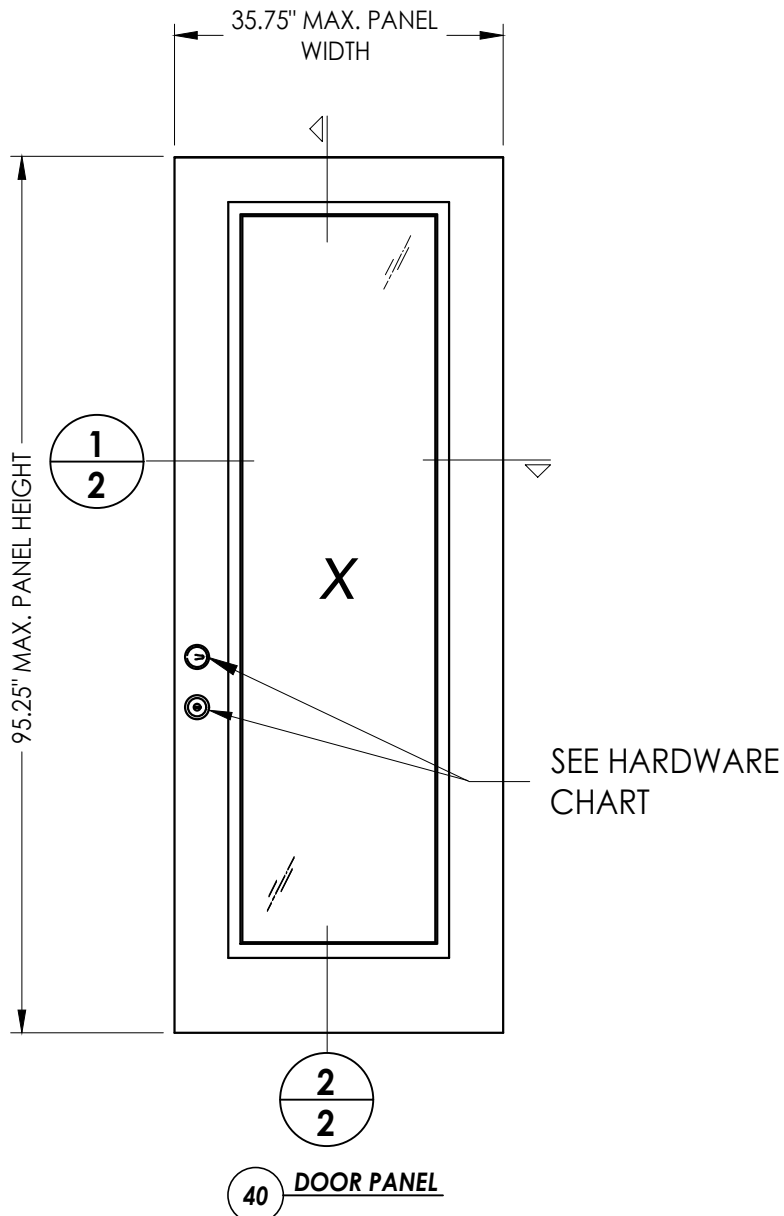
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Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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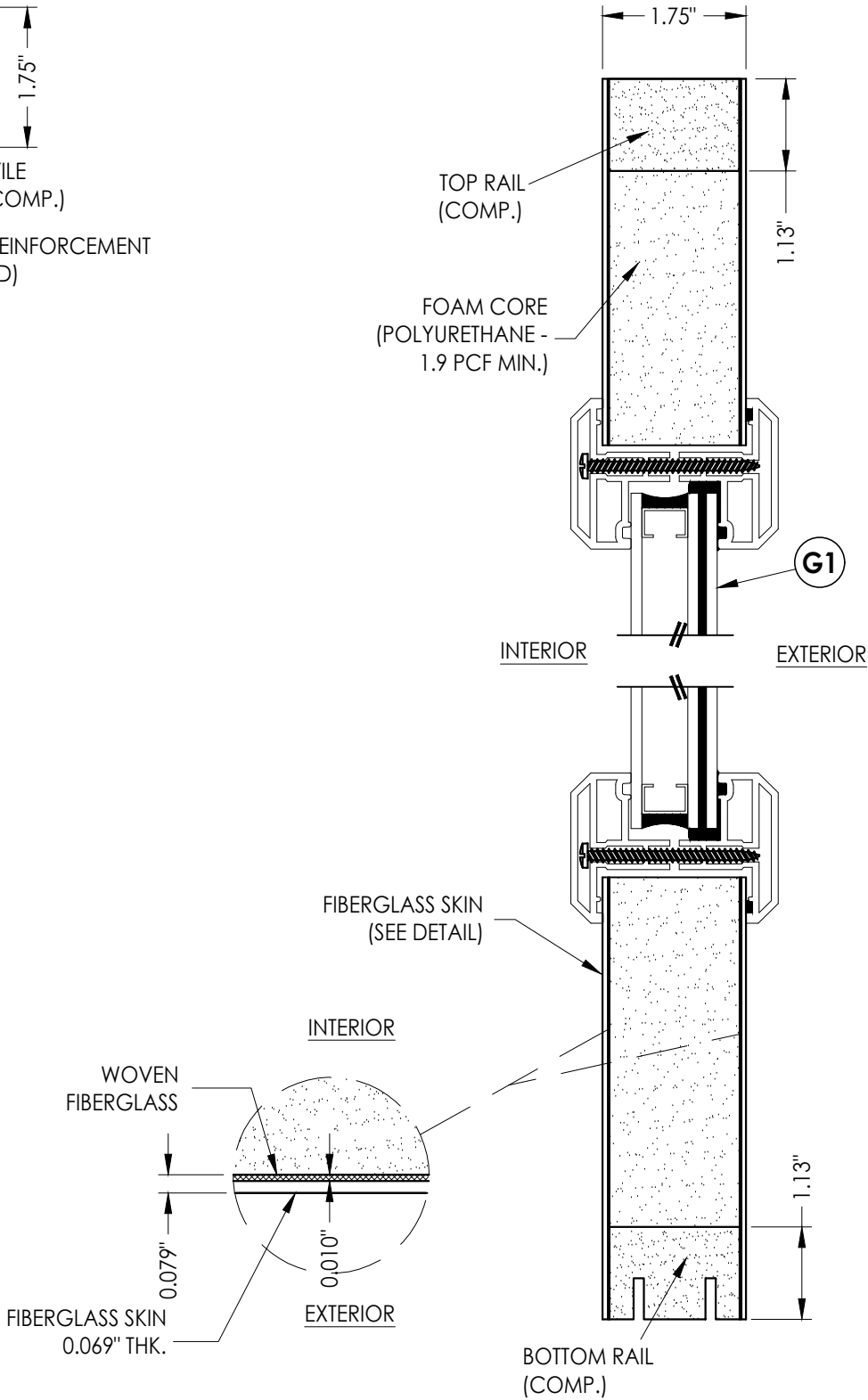


1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
YALE	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)



2
2 **VERTICAL CROSS SECTION**

DOOR SKIN DETAIL

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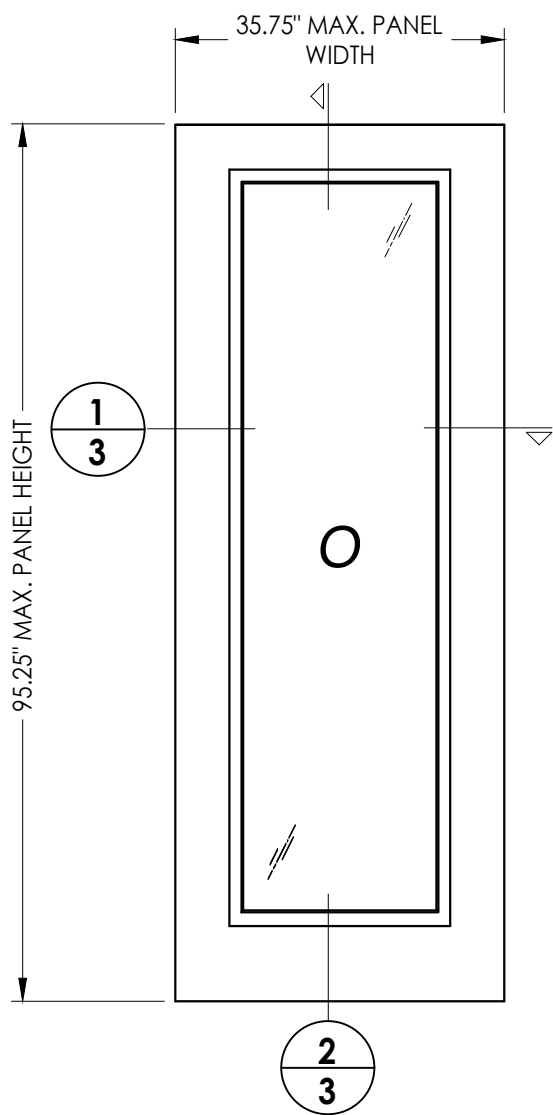
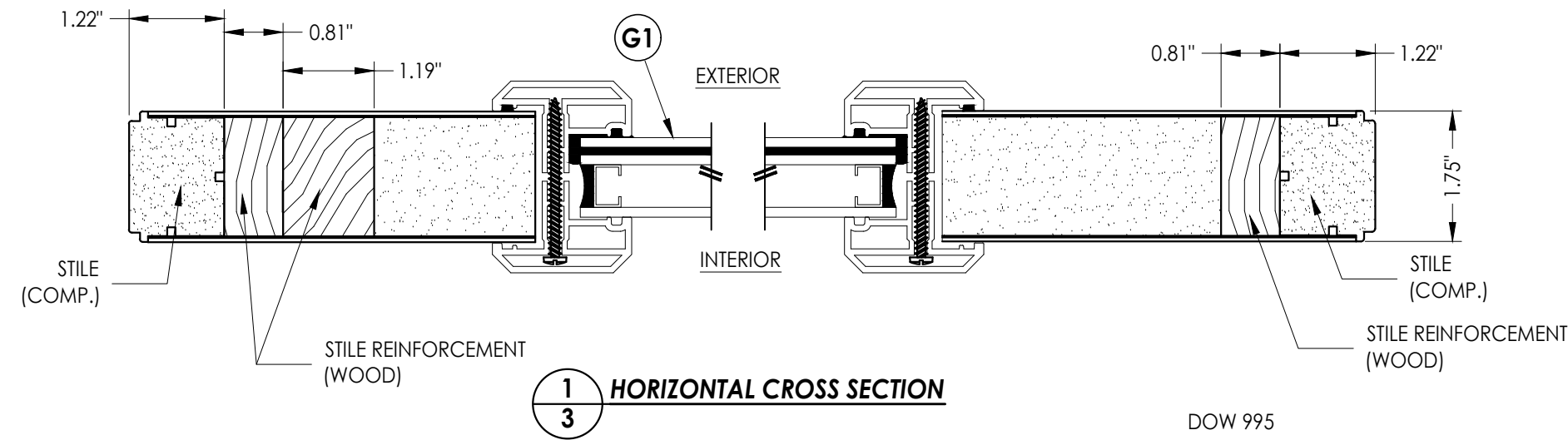
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS
AND GLAZING DETAIL

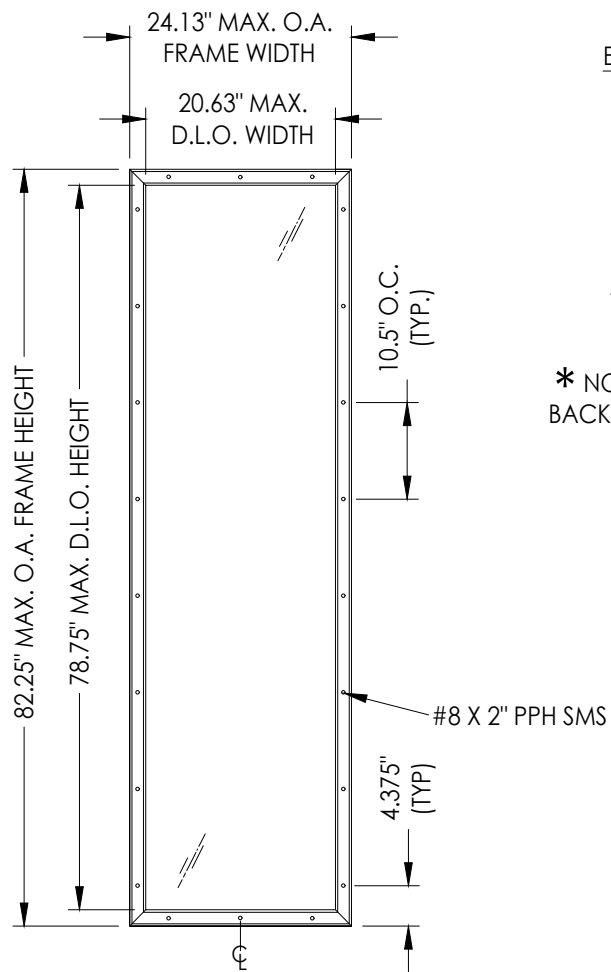
NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLD LFS

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.3
SHEET 2 OF 11

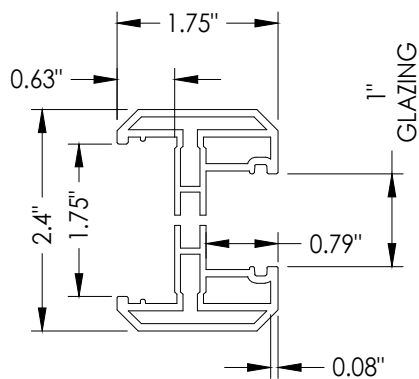
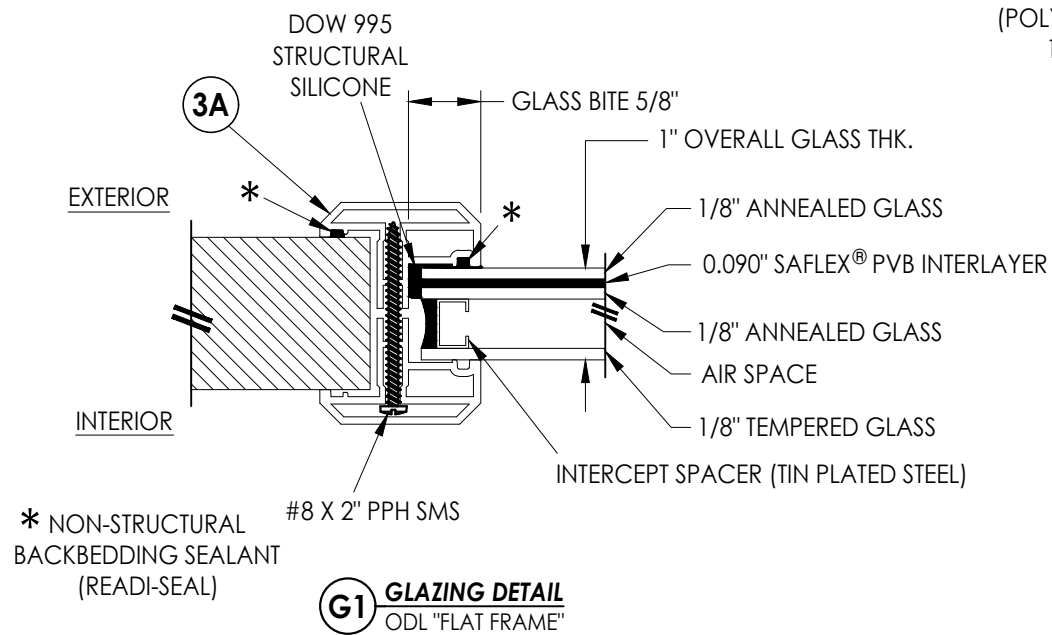
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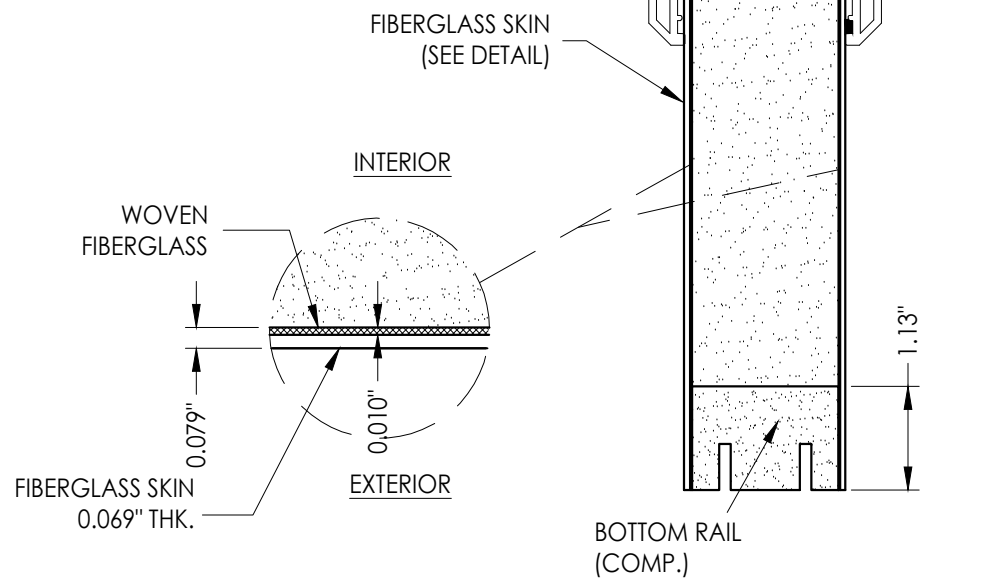
60 **SIDELITE PANEL**



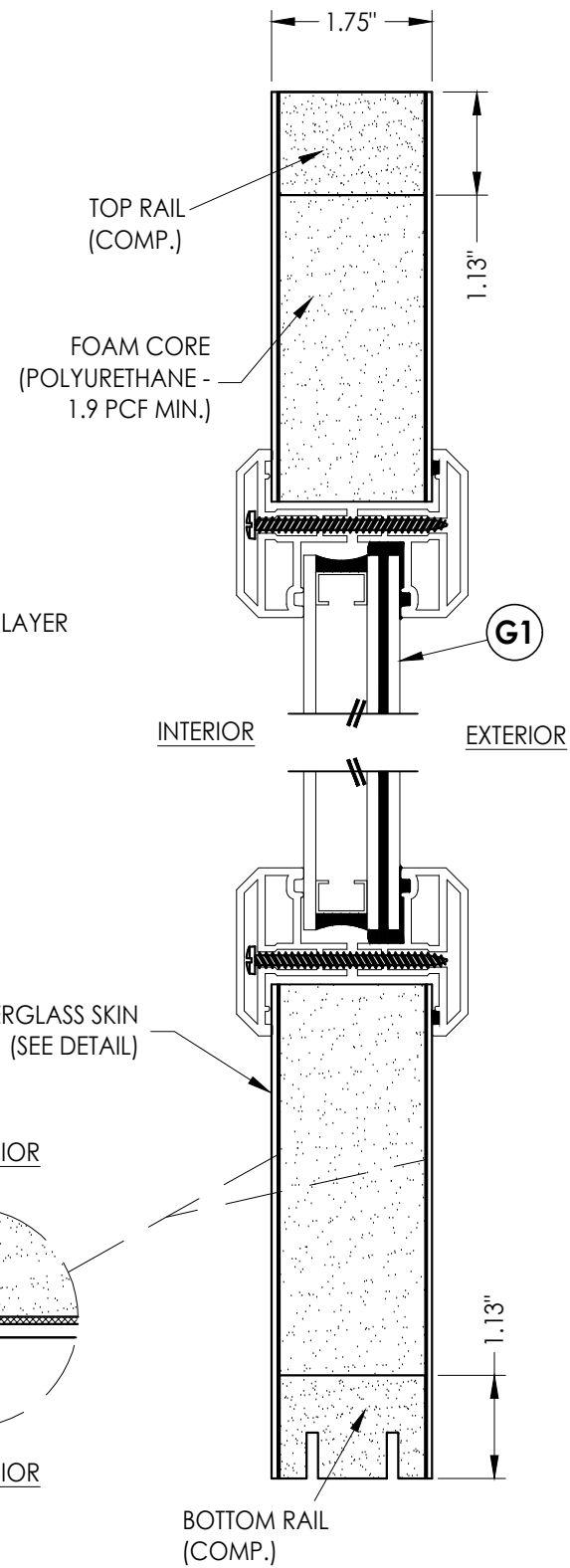
ODL LITE FRAME DETAIL
"FLAT FRAME" PROFILE



3A **ODL LITE FRAME**
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



DOOR SKIN DETAIL



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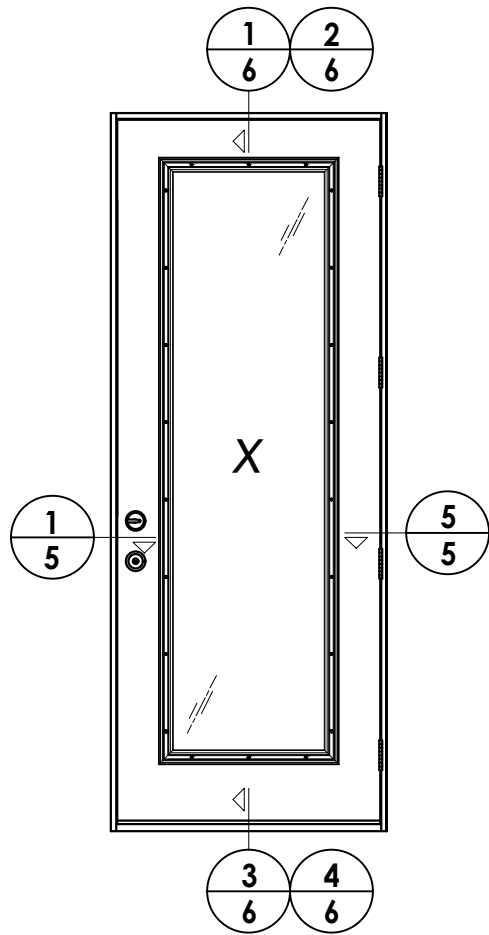
PRODUCT:
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PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

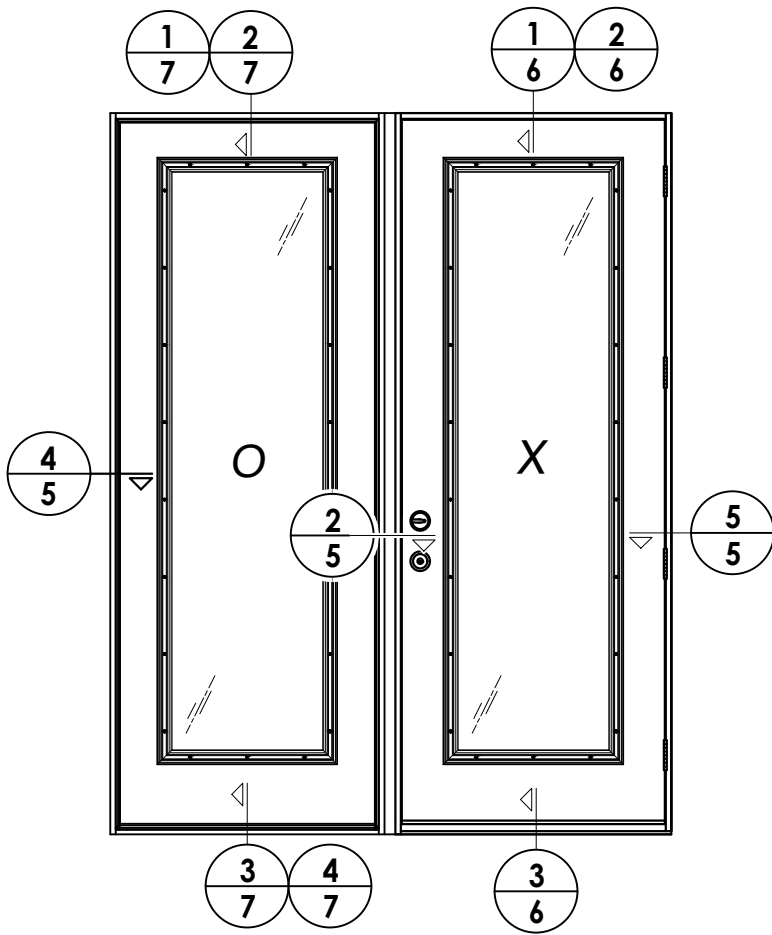
NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLD LFS
3		
2		
1		

DATE: 02/21/12
SCALE: N.T.S.
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DRAWING NO.: FL-15180.3
SHEET 3 OF 11

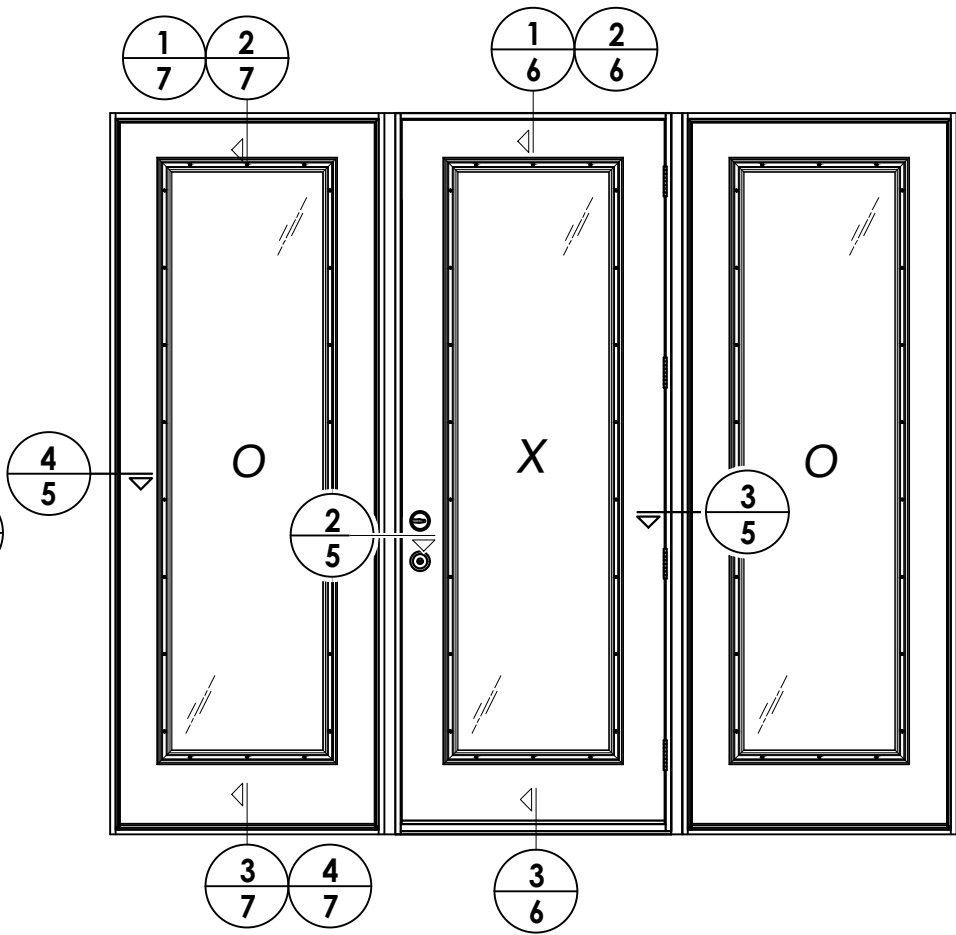
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ELEVATION (X)



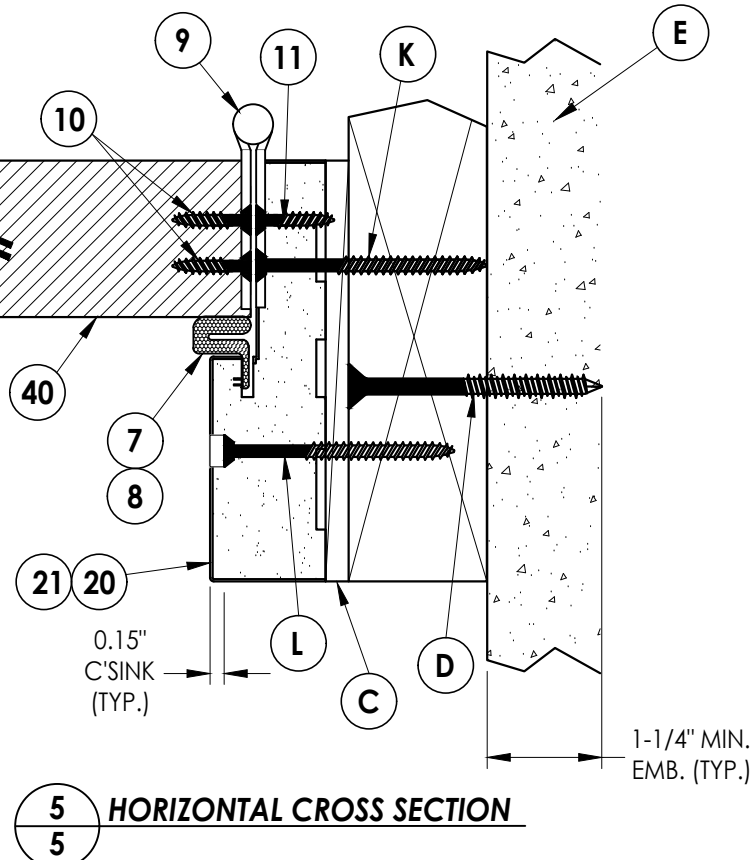
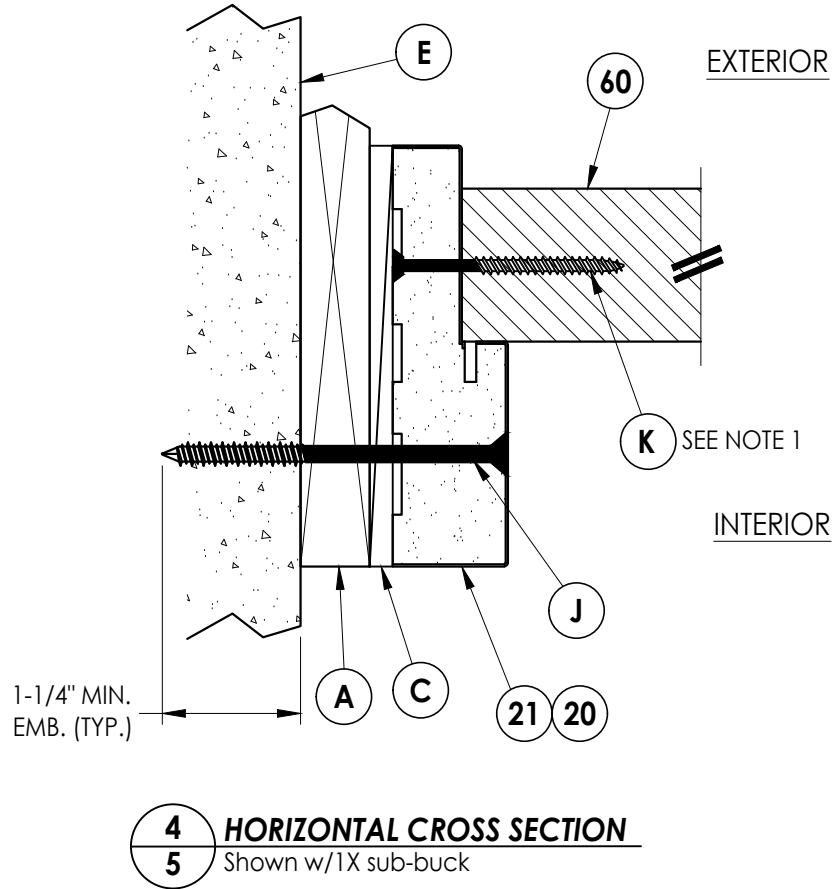
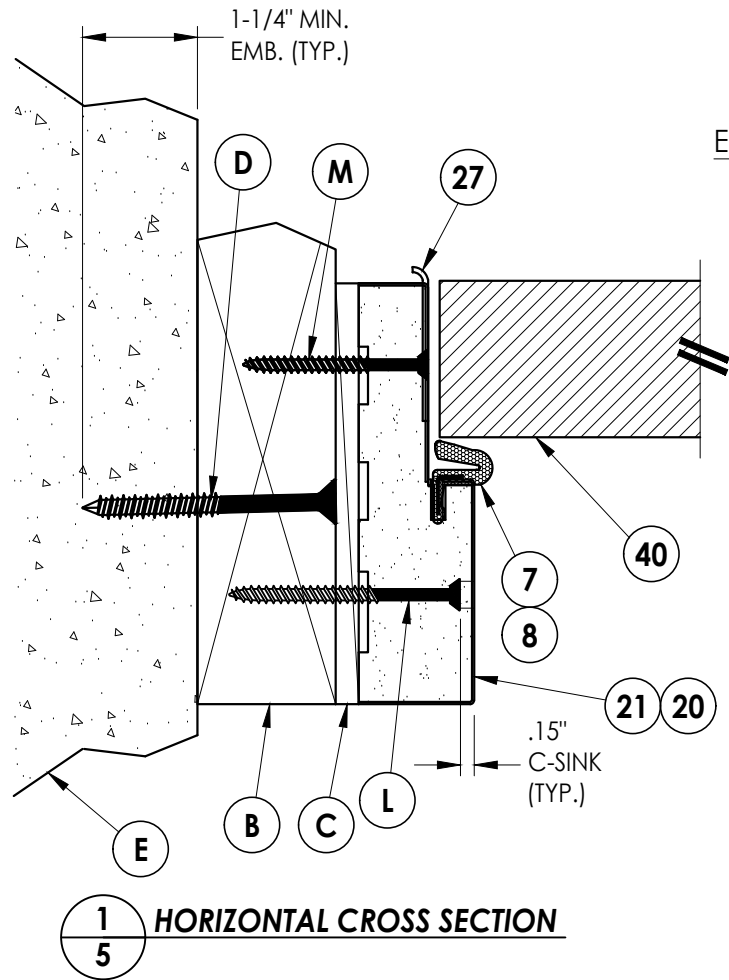
ELEVATION (XO - OX)



ELEVATION (OXO)

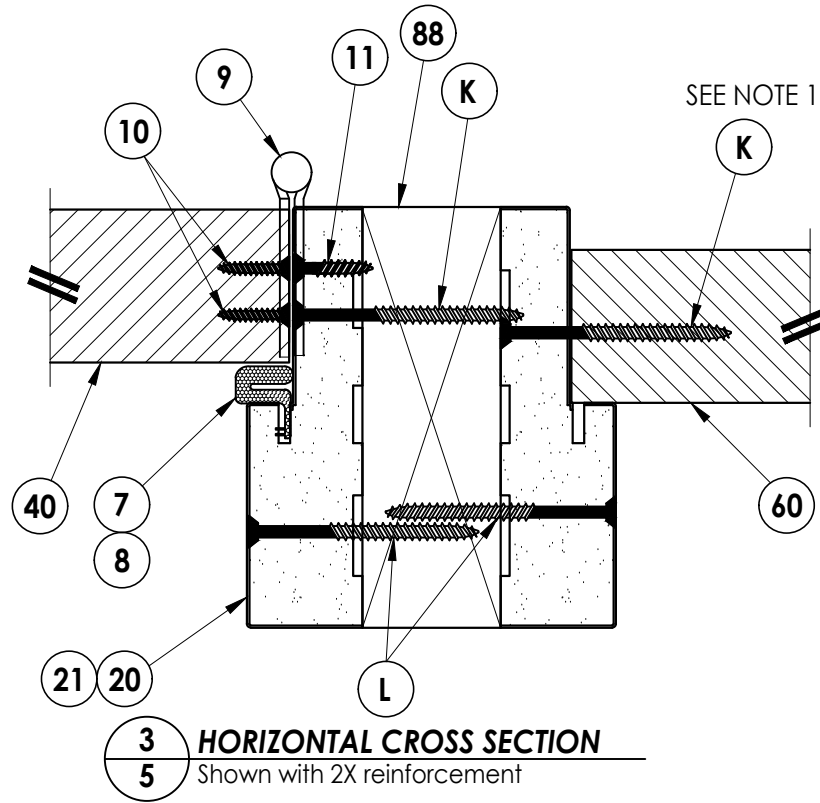
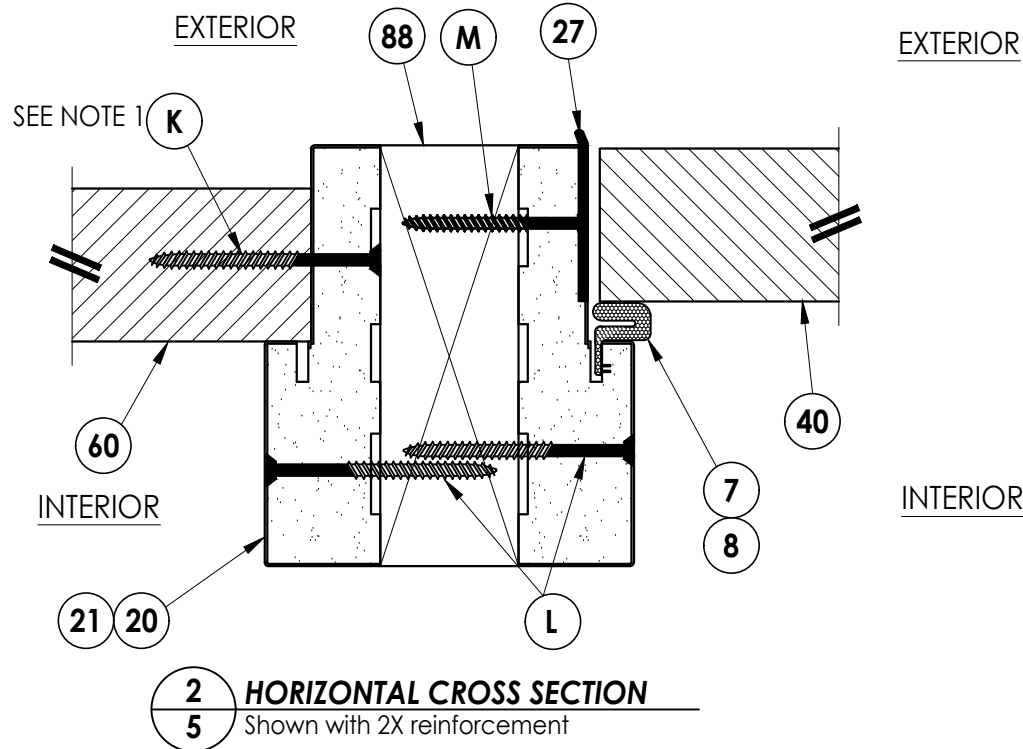
DATE: 02/21/12				PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
SCALE: N.T.S.				PART OR ASSEMBLY: ELEVATIONS		
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15180.3						
SHEET 4 OF 11						
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NOTE:

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



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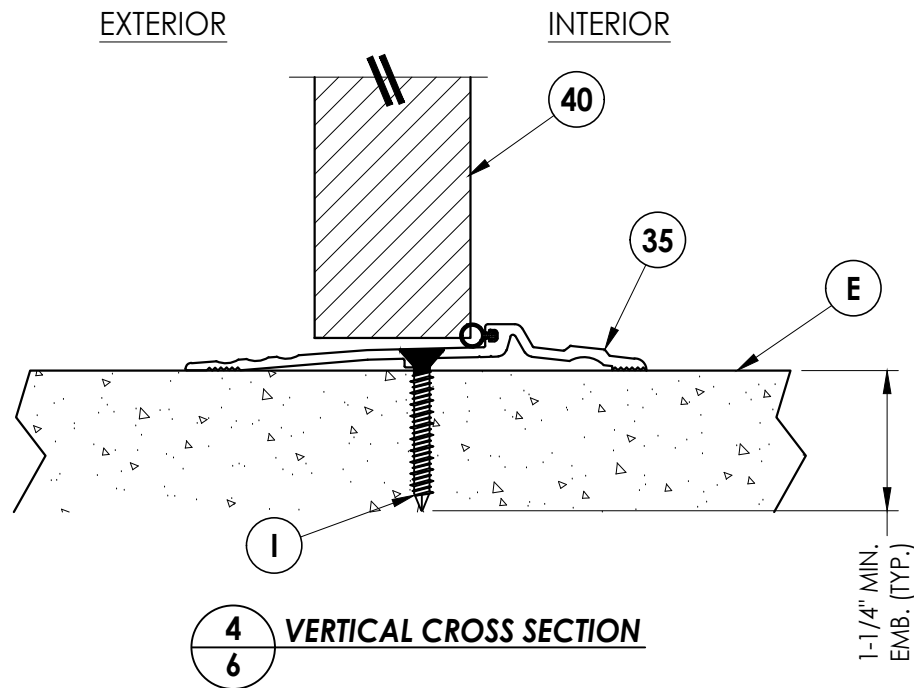
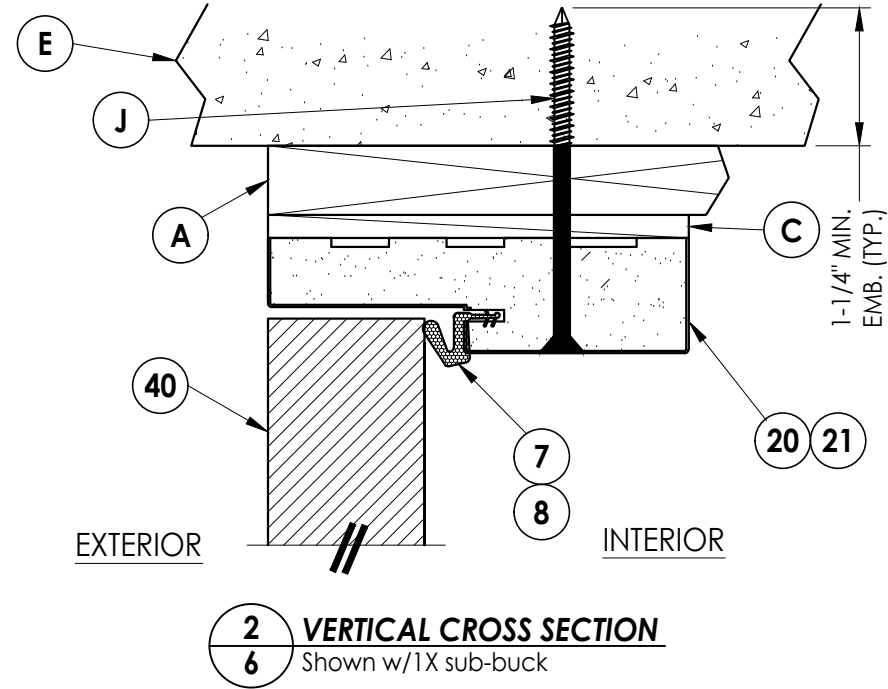
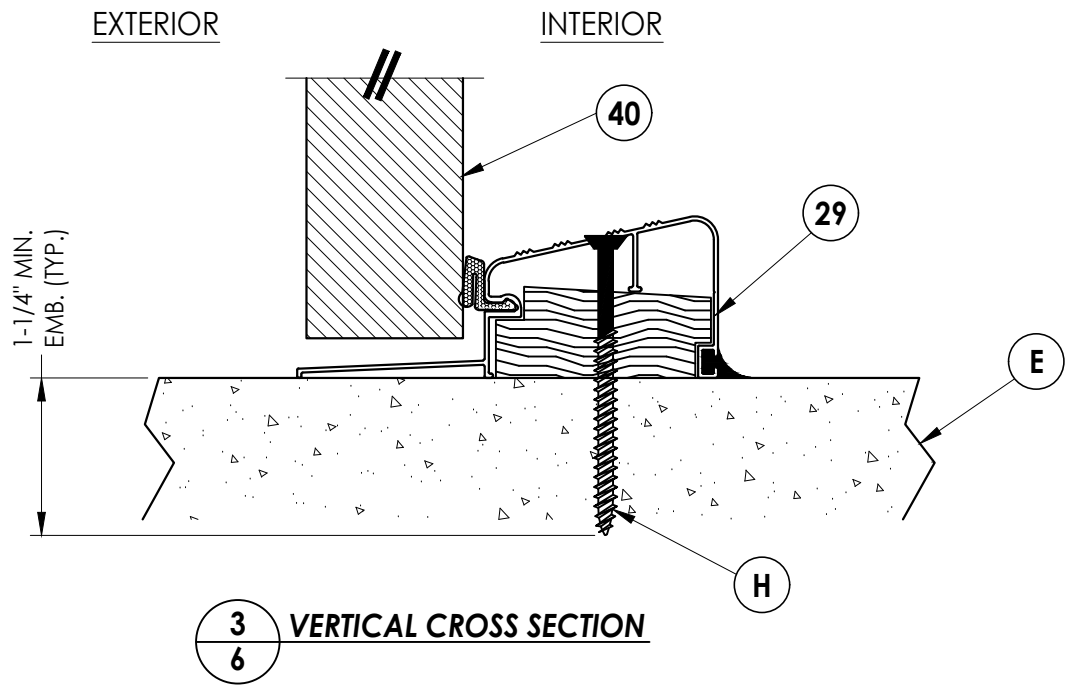
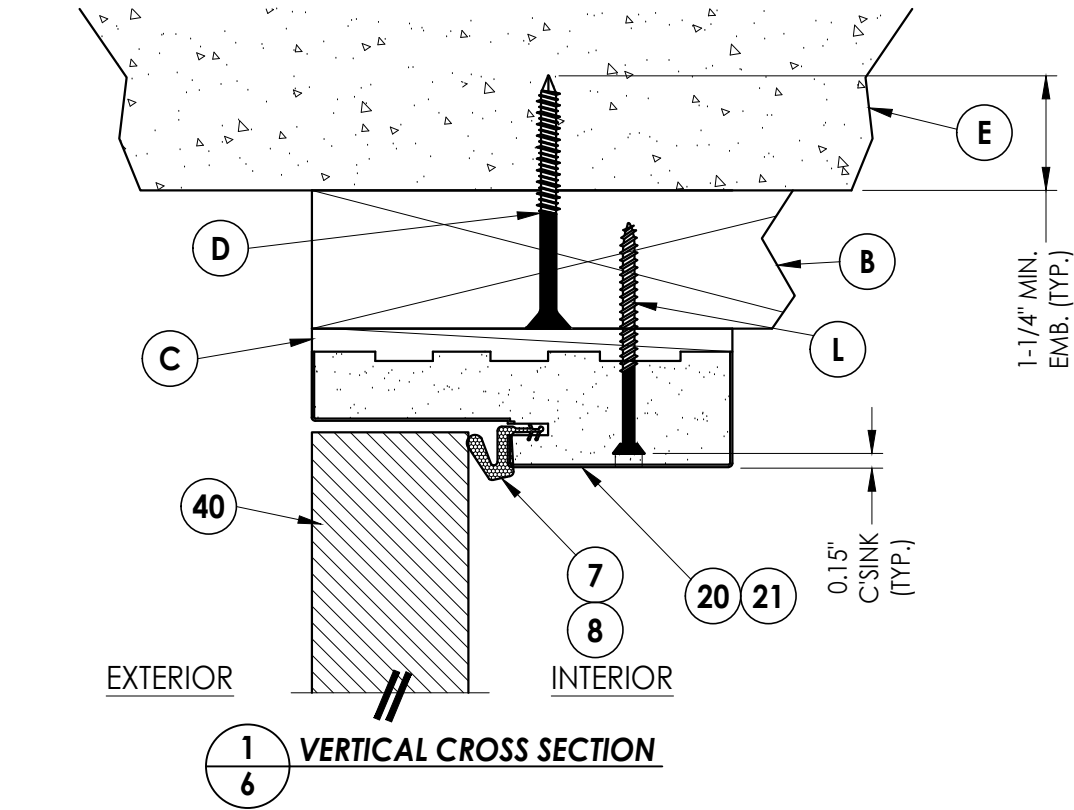
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLD LFS

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.3
SHEET 5 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	6/28/22	ADD ADA THRESHOLD	LFS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15180.3

SHEET 6 OF 11

SEE NOTE 1

EXTERIOR

INTERIOR

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

K

60

29

H

E

[illegible]

Diagram illustrating a section view of a wall and floor assembly, showing exterior and interior details.

Labels and Dimensions:

- 60**: Dimension indicating the thickness of the exterior wall.
- K**: Label for the exterior wall.
- 20**: Dimension indicating the thickness of the interior wall.
- 21**: Label for the interior wall.
- D**: Label for the floor assembly.
- 1-1/4" MIN. EMB. (TYP.)**: Dimension indicating the minimum embedment depth of the reinforcement into the floor.
- EXTERIOR**: Label for the exterior side.
- INTERIOR**: Label for the interior side.

The diagram shows a cross-section of a wall and floor. The exterior wall (K) is 60 units thick. The interior wall (21) is 20 units thick. The floor assembly (D) is shown below the interior wall. A vertical dimension line on the left indicates a minimum embedment depth of 1-1/4 inches for the reinforcement into the floor. The floor is shown with aggregate and a rebar extending into it.

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Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

ASSEMBLY:
VERTICAL
CROSS SECTIONS

[illegible]

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

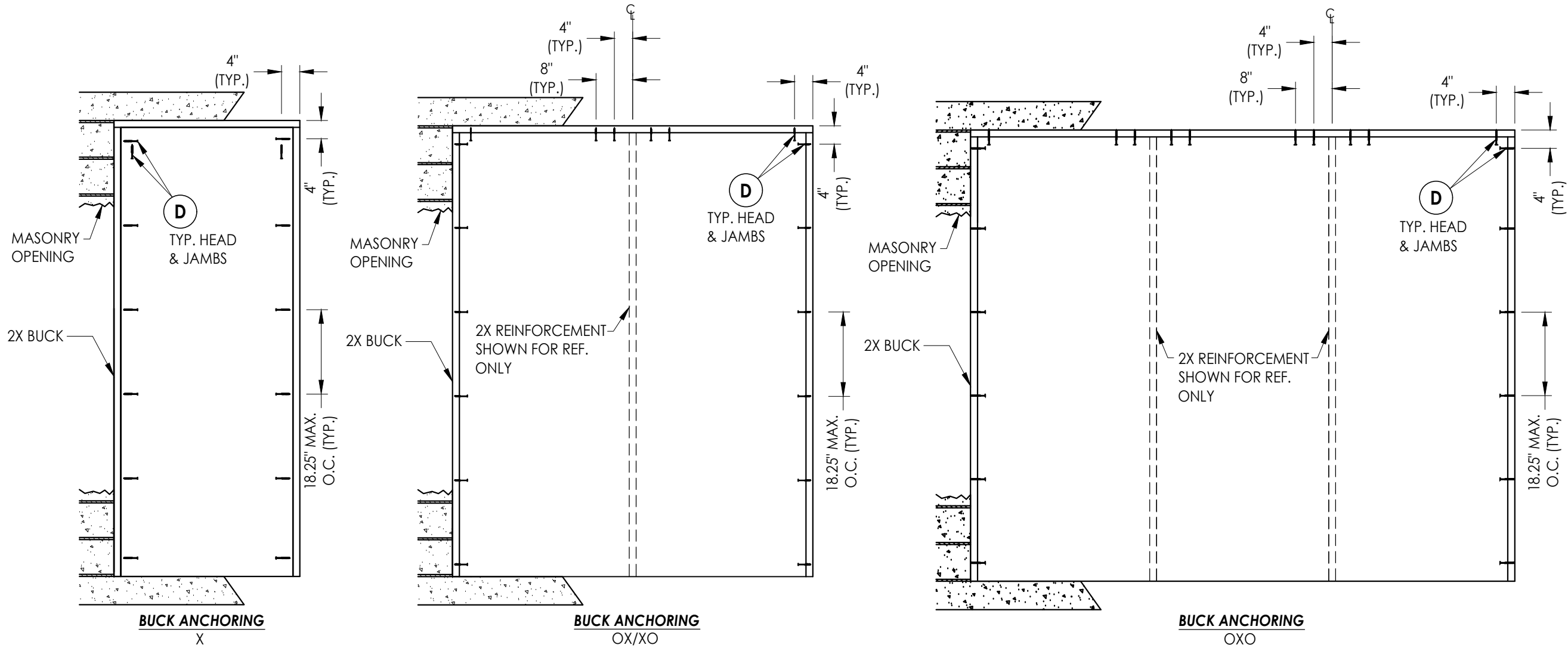
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DRAWING NO.:

FL-15180.3

SHEET 7 OF 11

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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.

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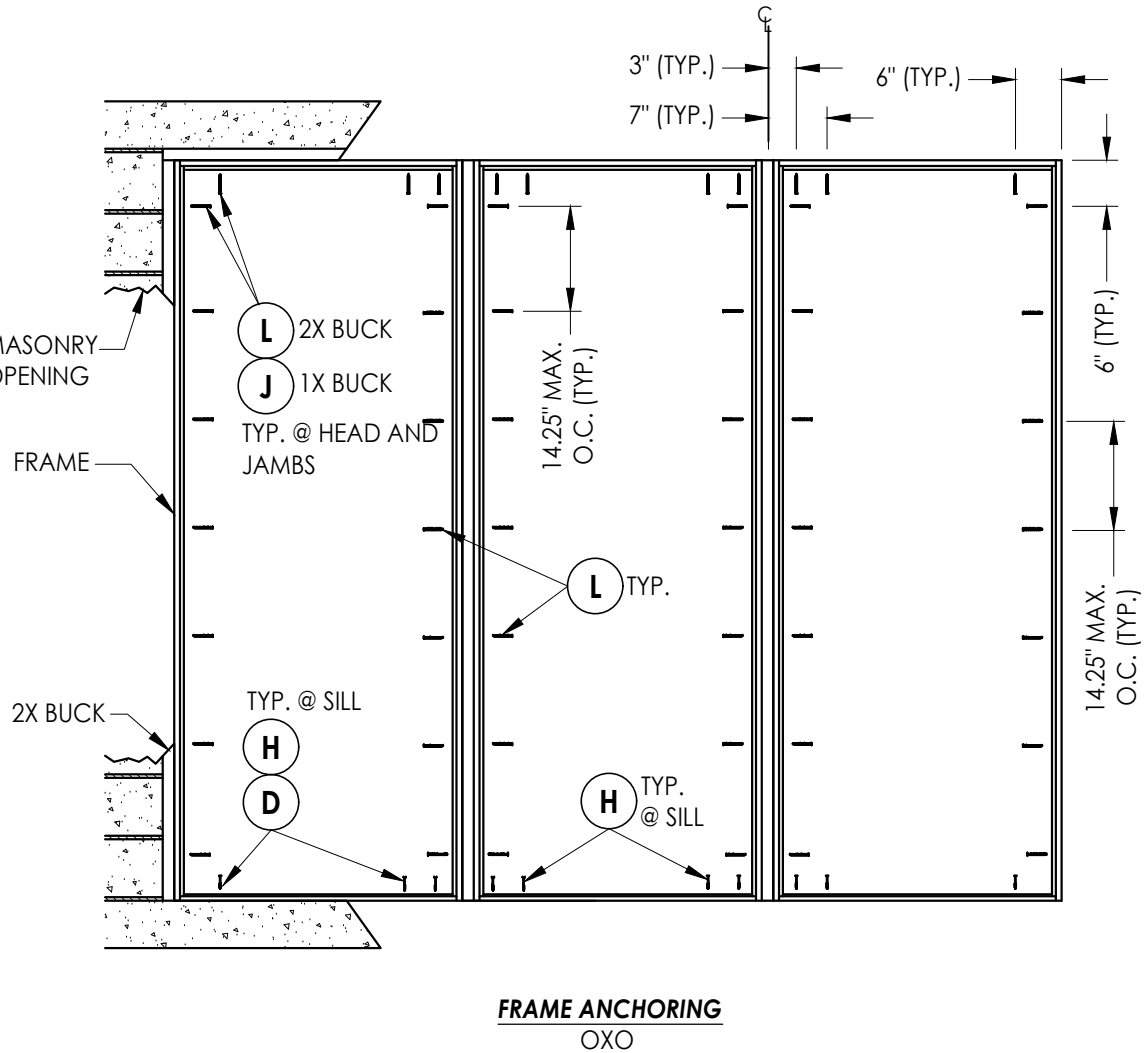
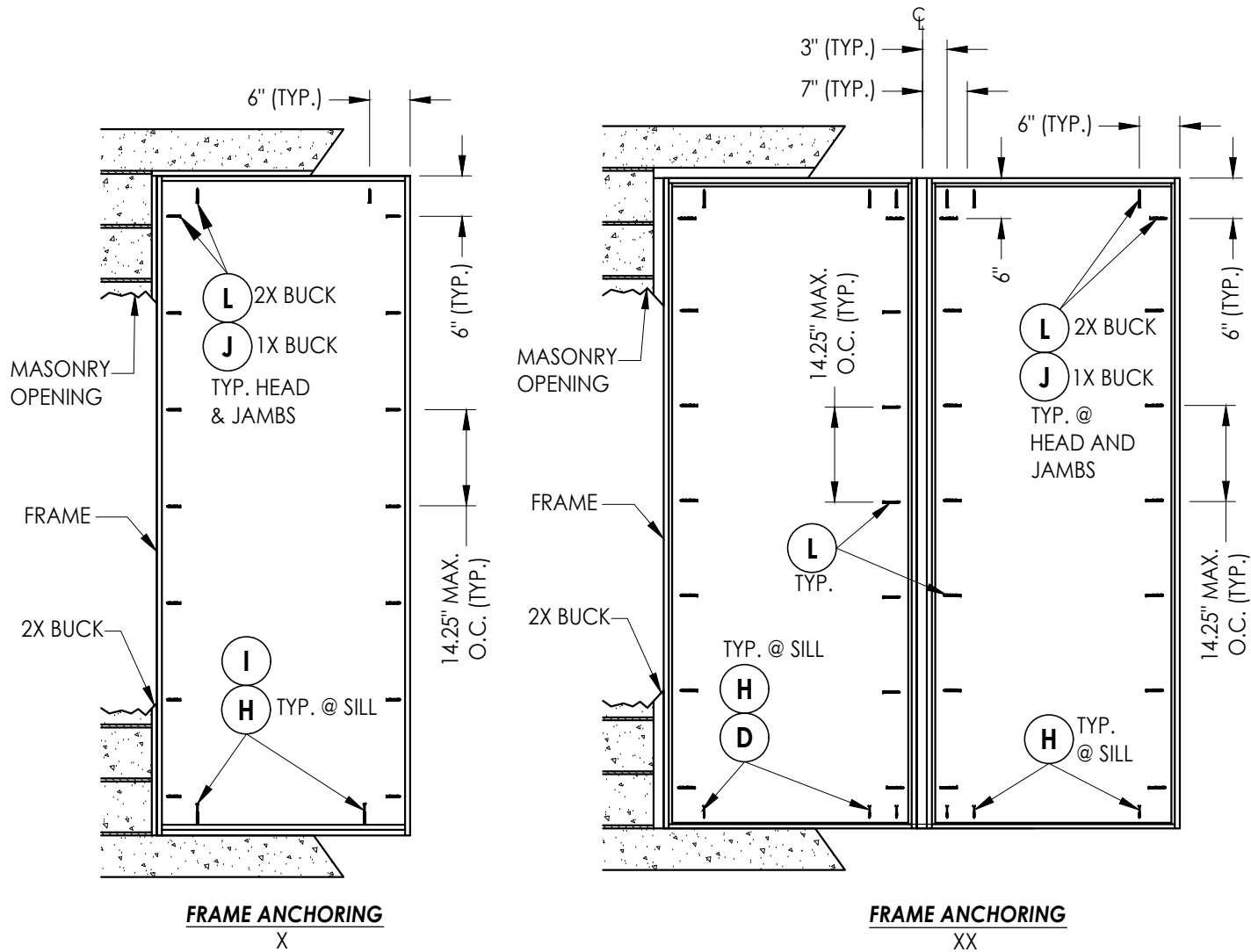
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PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC
4	6/28/22	ADD ADA THRESHOLD
NO.	DATE	BY

DATE: 02/21/12
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SHEET 8 OF 11

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CONCRETE ANCHOR NOTES:

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DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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:
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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:
FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLD LFS
NO.	DATE	BY

DATE: 02/21/12

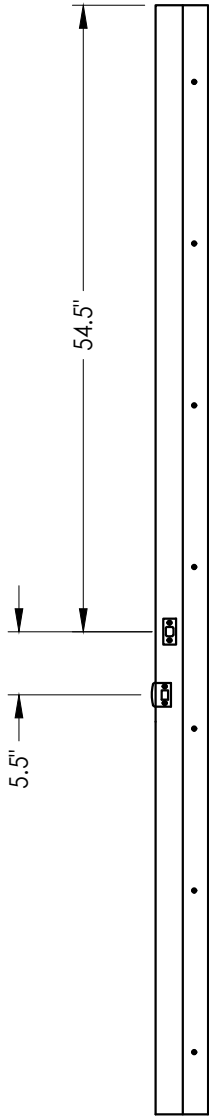
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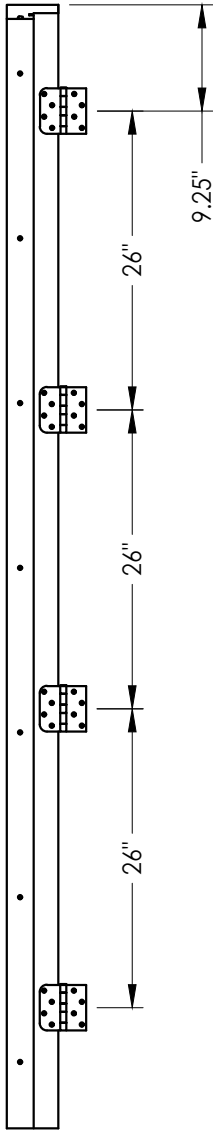
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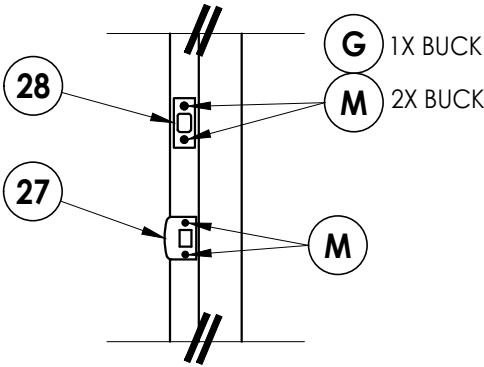
SHEET 9 OF 11



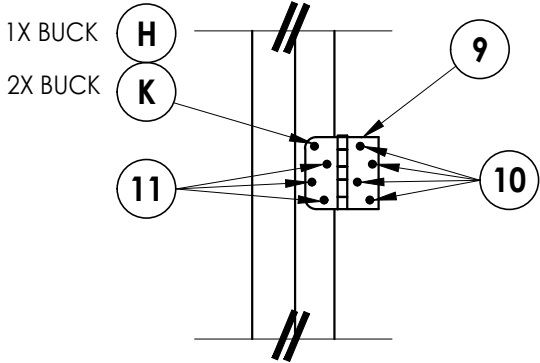
STRIKE JAMB



HINGE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL

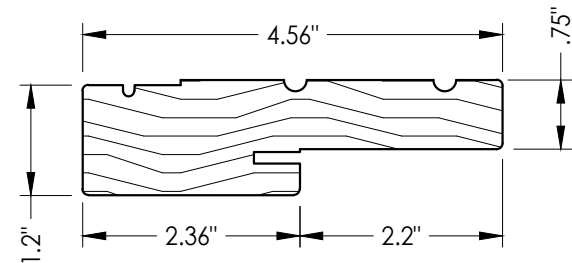
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PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

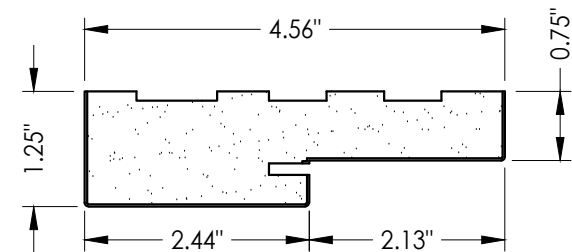
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CO.
P.O. Box 21
Phone No.:
FBPE Register

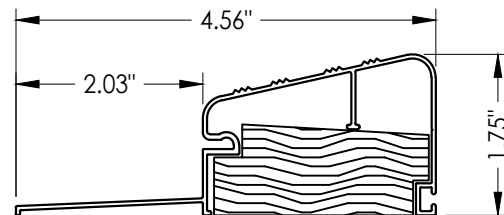
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" x 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR 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	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHERSTRIP (ENDURA)	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 (SCHLEGEL)	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP/VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD	ALUM/WOOD
35	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
88	2X REINFORCEMENT (CLEAR PINE: SG >= 0.49)	WOOD



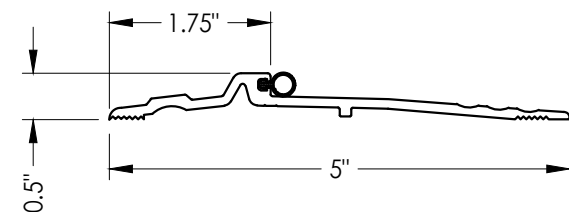
20 HEAD & SIDE
Jamb



21 HEAD & SIDE
Poly fiber jamb



29 **OUTSWING THRESHOLD**
DLP (QOSR)



35 **ADA THRESHOLD**
NGP 896V

DATE: 02/21/12		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		PLASTPRO INC.		Lyndon F. Schmidt	
DWG. BY: JK		FIBERGLASS DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		R^gW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-15180.3		BILL OF MATERIALS & COMPONENTS			
SHEET 11 OF 11					
NO. DATE		UPDATE TO 9TH ED. (2026) FBC LFS			
		UPDATE TO 8TH ED. (2023) FBC LFS			
4 6/28/22 ADD ADA THRESHOLD		LFS			
NO. DATE		BY			
		REVISIONS			