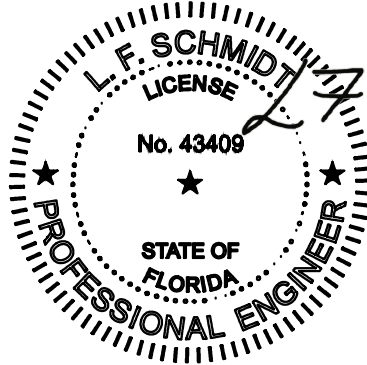




5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045



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

"High Velocity Hurricane" Fiberglass Door

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany

w/ WINDSERT™ OPERATIONAL WINDOW INSERT

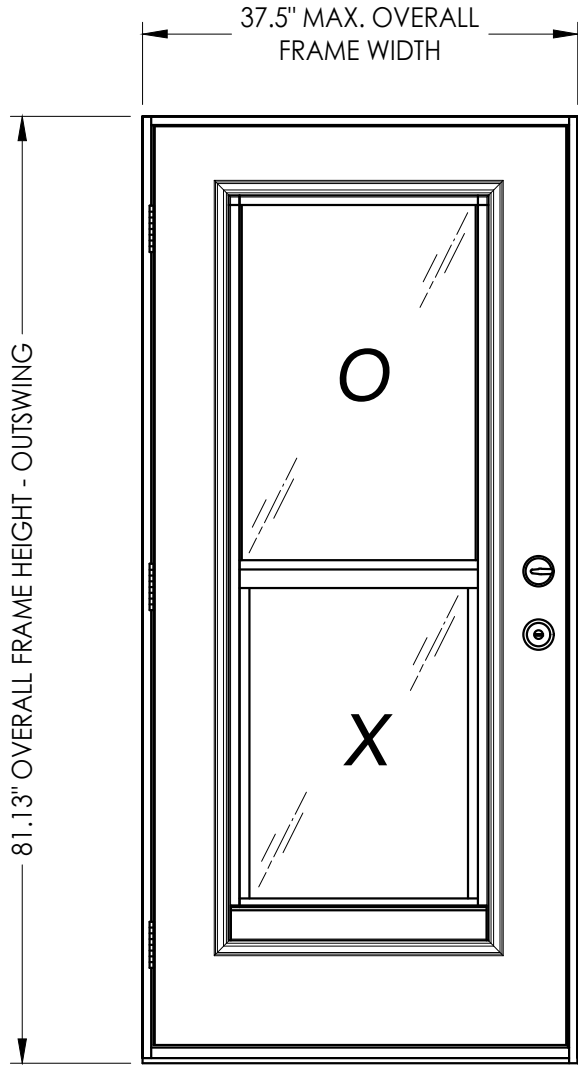
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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.
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	SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes	7	Vertical Cross Sections (Thresholds)
2	Door Panel Details	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Lite Frame Details & Glazing Details	9	Buck & Frame Anchoring
4	Horizontal & Vertical Cross Sections (2X Buck)	10	Components
5	Horizontal & Vertical Cross Sections (1X Buck)	11	Bill of Materials
6	Horizontal & Vertical Cross Sections (Direct to Masonry)		



MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.5" x 81.13"	+55.0	-60.0	+60.0	-65.0

NOTE: See Sheet 2 for Hardware Design Pressure Limitations

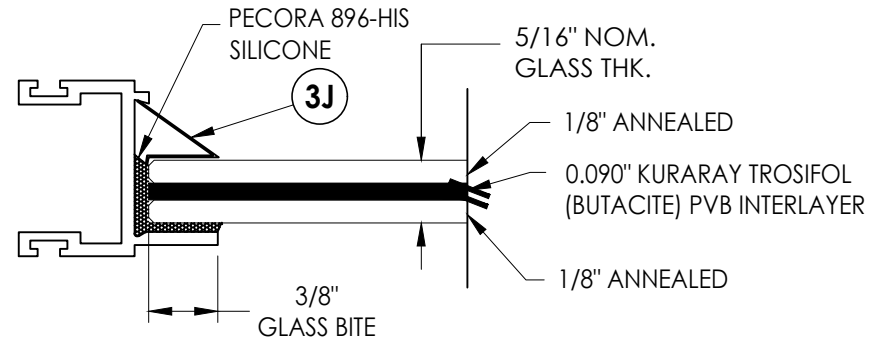
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

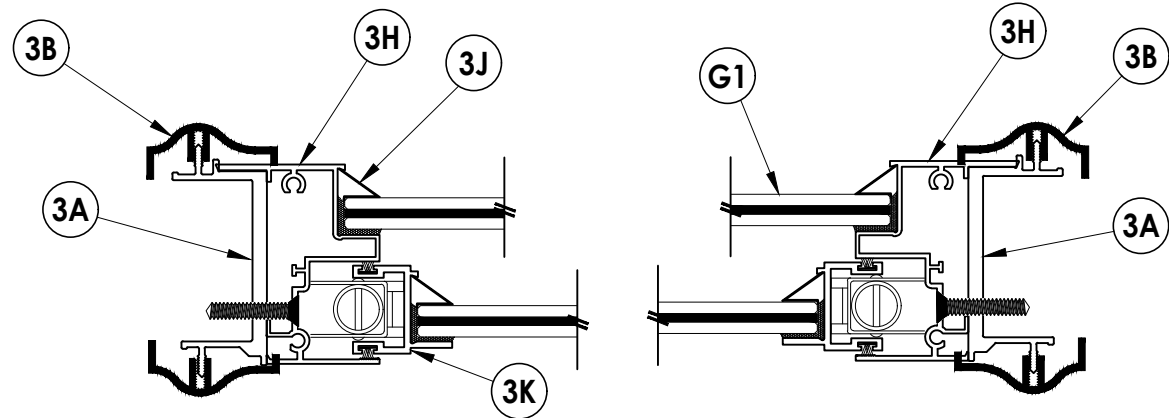
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS			
NO.	DATE	BY	LFS
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC

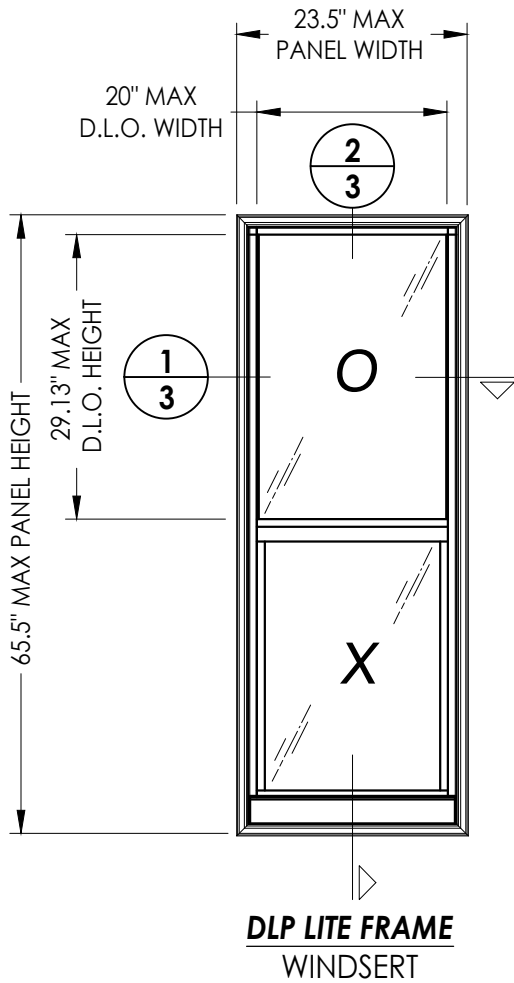
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SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39254.7
SHEET 1 OF 11



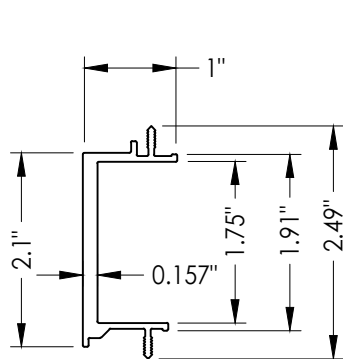
G1 GLAZING DETAIL



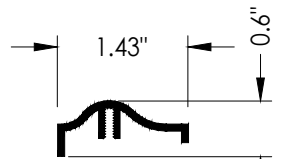
1/3 HORIZONTAL CROSS SECTION



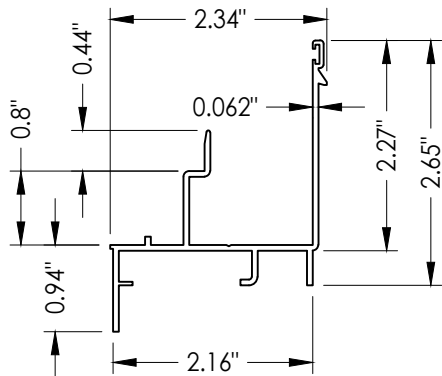
**DLP LITE FRAME
WINDSERT**



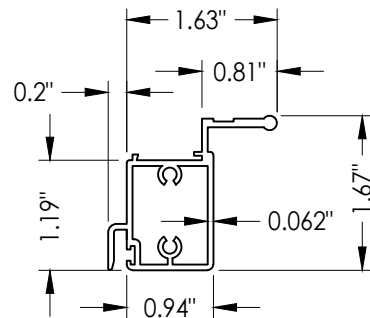
**3A MOUNTING CHANNEL
ALUM (6063-T6)**



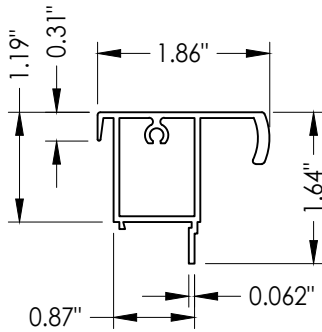
**3B DECORATIVE TRIM
PVC**



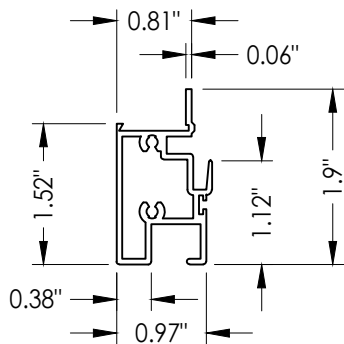
**3C FRAME SILL
ALUM (6063-T6)**



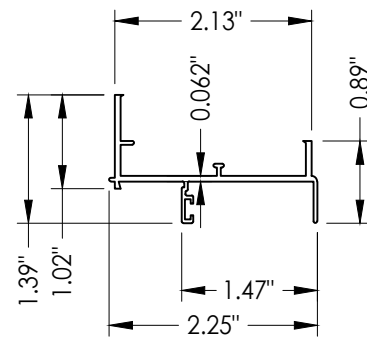
**3D VENT BOTTOM RAIL
ALUM (6063-T6)**



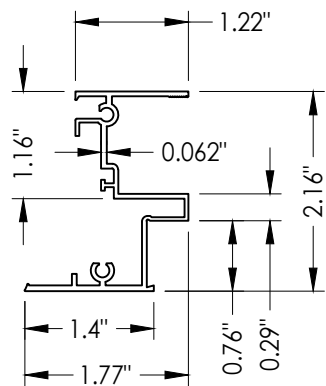
**3E VENT TOP RAIL
ALUM (6063-T6)**



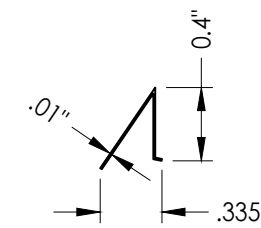
**3F MEETING RAIL
ALUM (6063-T6)**



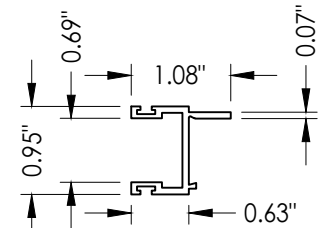
**3G FRAME HEAD
ALUM (6063-T6)**



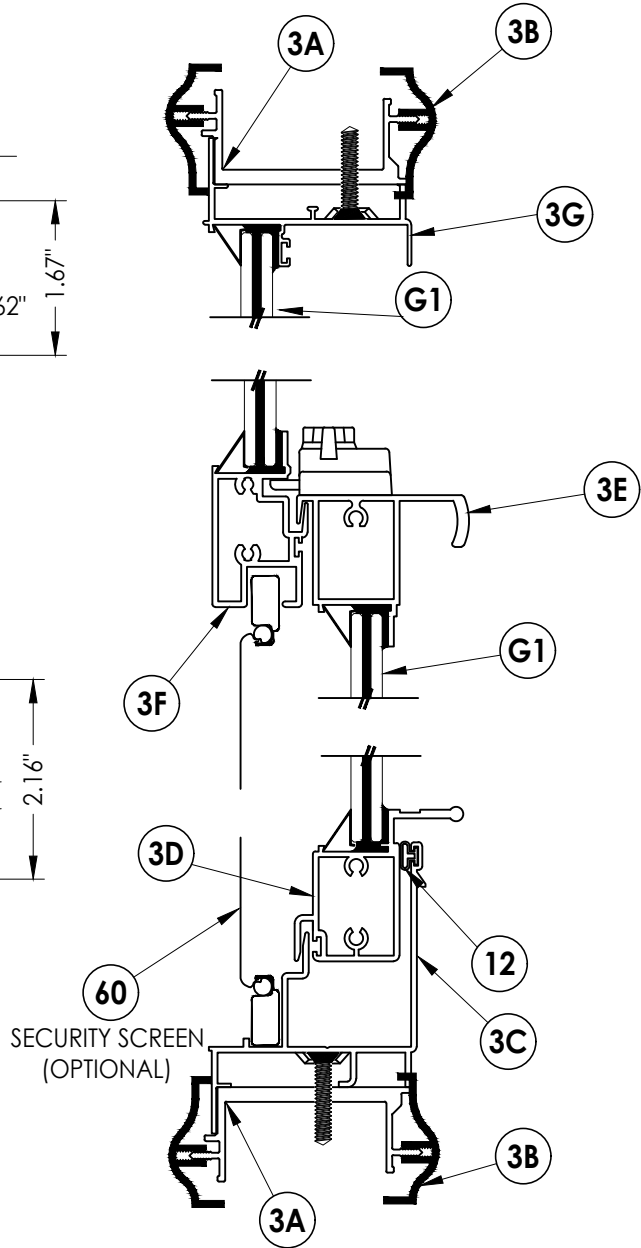
**3H FRAME JAMB
ALUM (6063-T6)**



**3J GLAZING BEAD
ALUM**



**3K VENT JAMB
ALUM (6063-T6)**



2/3 VERTICAL CROSS SECTION

Documents Prepared By:
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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:
LITE FRAME DETAILS
& GLAZING DETAILS

NO.	DATE	REVISIONS		
		LFS	FBC	BY
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS

DATE: 3/29/22

SCALE: N.T.S.

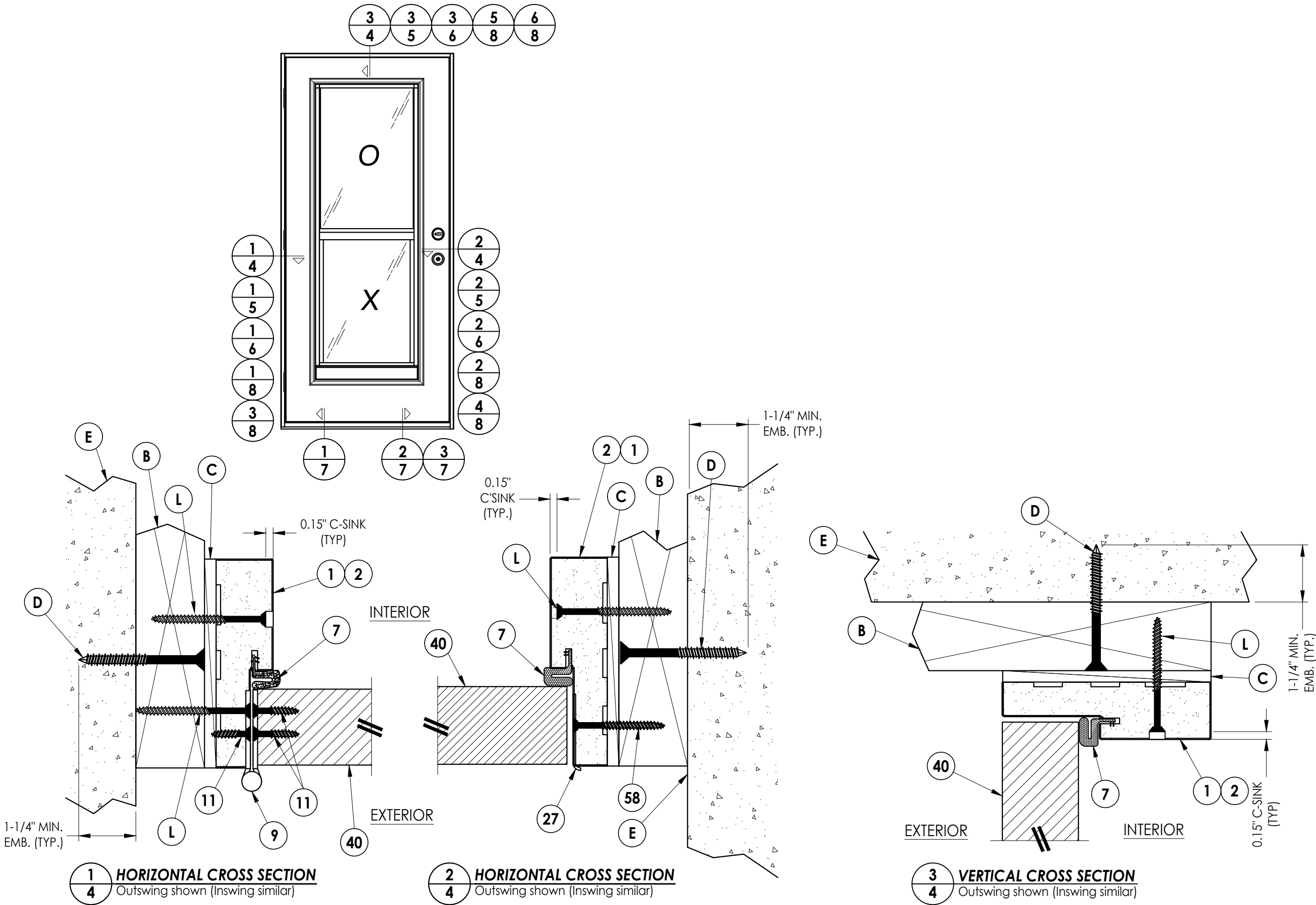
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-39254.7

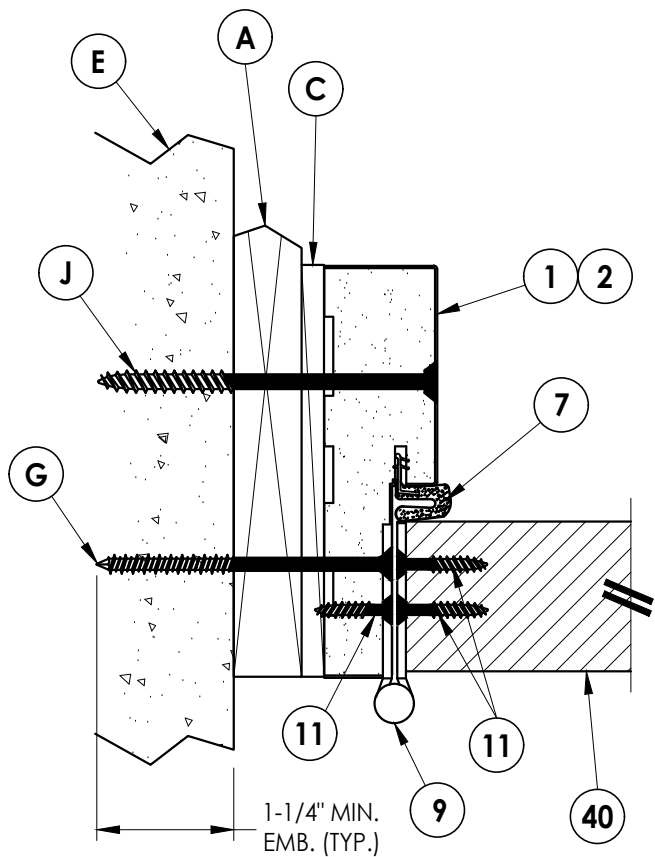
SHEET 3 OF 11

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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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 & VERTICAL CROSS SECTIONS (2X BUCK)	
		LFS	BY
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC	
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC	
NO.	DATE		
REVISIONS			
DATE: 3/29/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39254.7			
SHEET 4 OF 11			

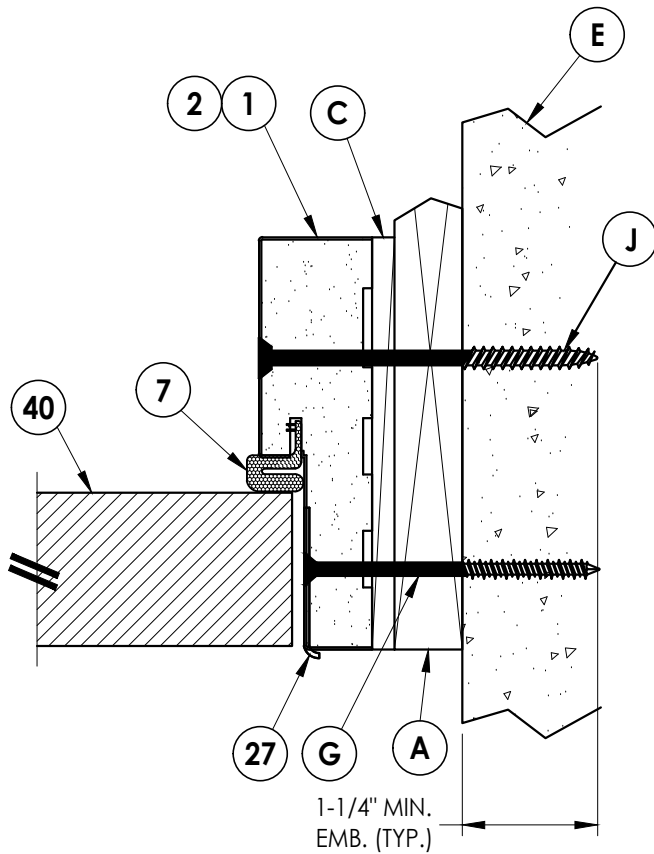
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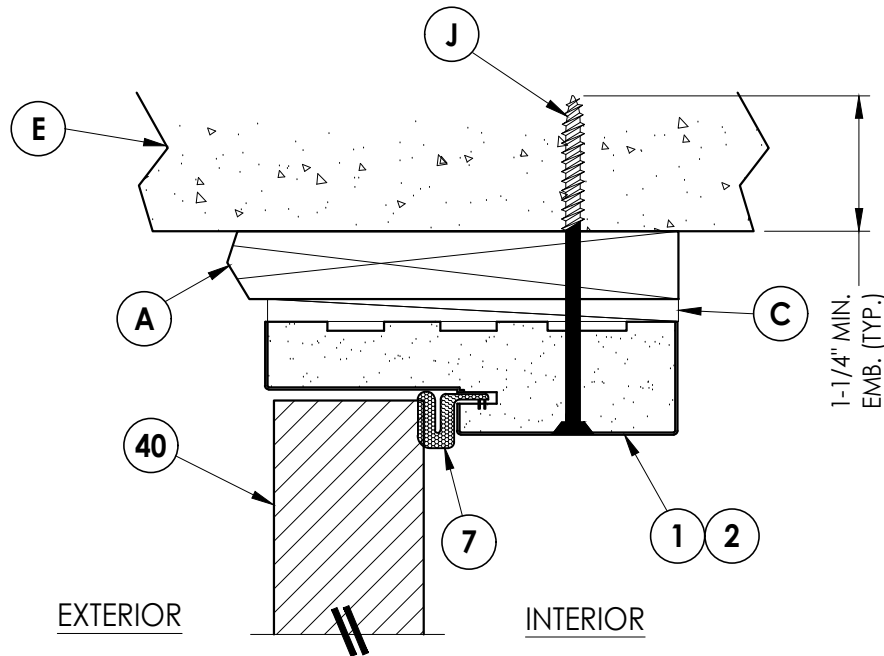
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

INTERIOR

EXTERIOR



2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
5 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

Documents Prepared By:
Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 3/29/22

SCALE: N.T.S.

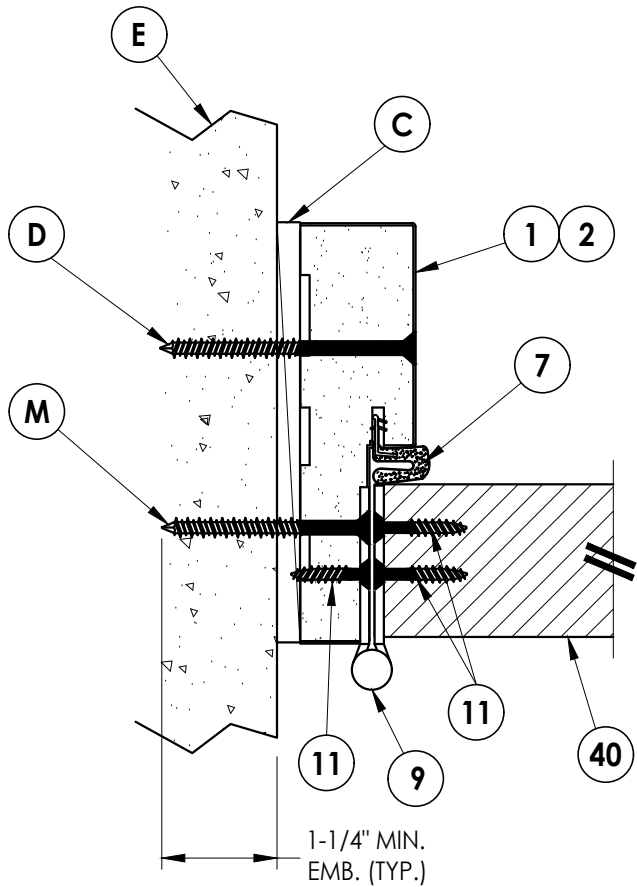
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CHK. BY: LFS

DRAWING NO.:
FL-39254.7

SHEET 5 OF 11

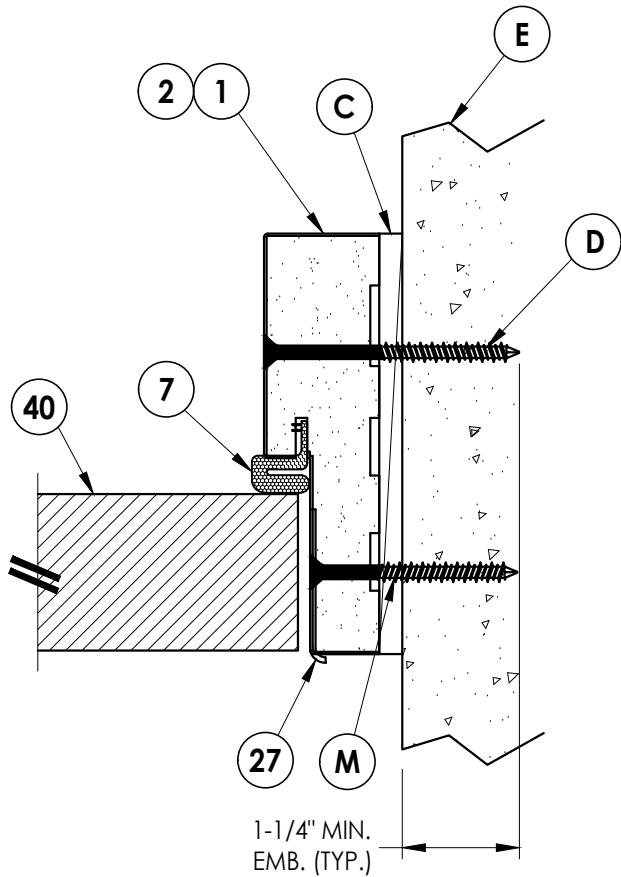
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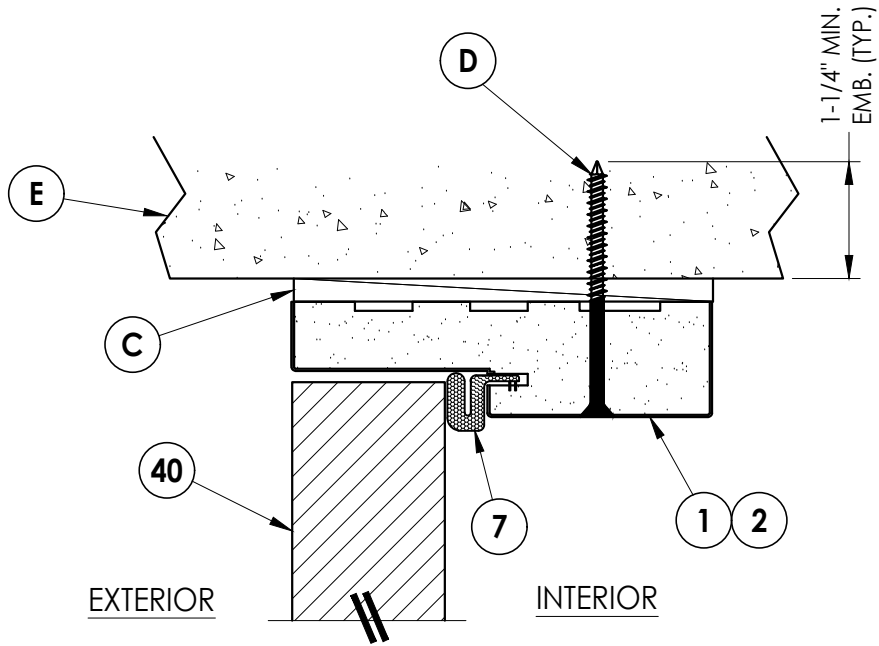
1 **HORIZONTAL CROSS SECTION**
6 Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR

EXTERIOR



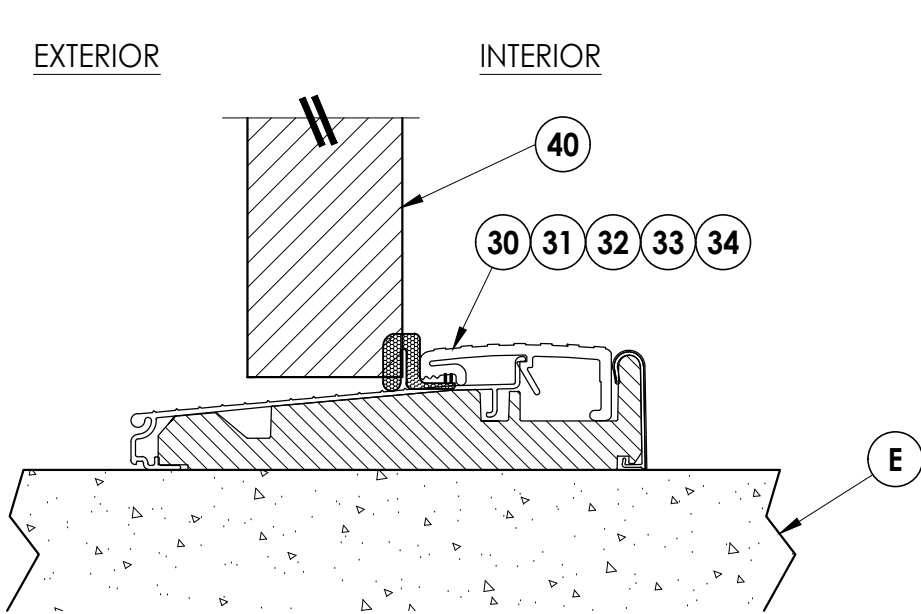
2 **HORIZONTAL CROSS SECTION**
6 Shown Direct to Masonry
Outswing shown (Inswing similar)



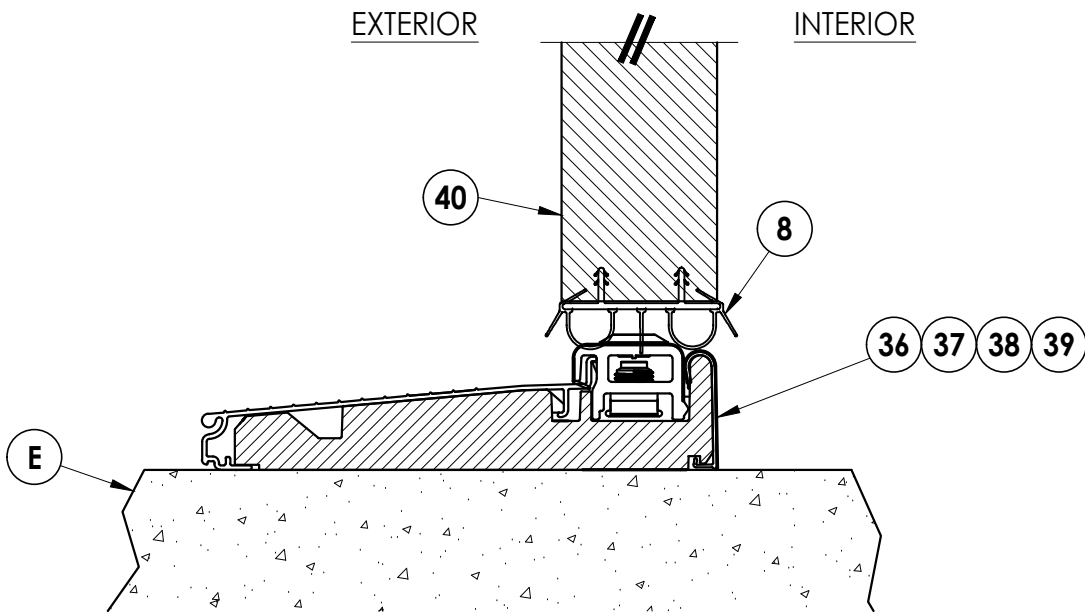
3 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
Outswing shown (Inswing similar)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				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 & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)			
				LFS			
				FBC			
		2	7/02/26	UPDATE TO 9TH ED. (2026)			
		1	8/10/23	UPDATE TO 8TH ED. (2023)			
		NO.	DATE				
DATE: 3/29/22				REVISIONS			
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CHK. BY: LFS							
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SHEET 6 OF 11							

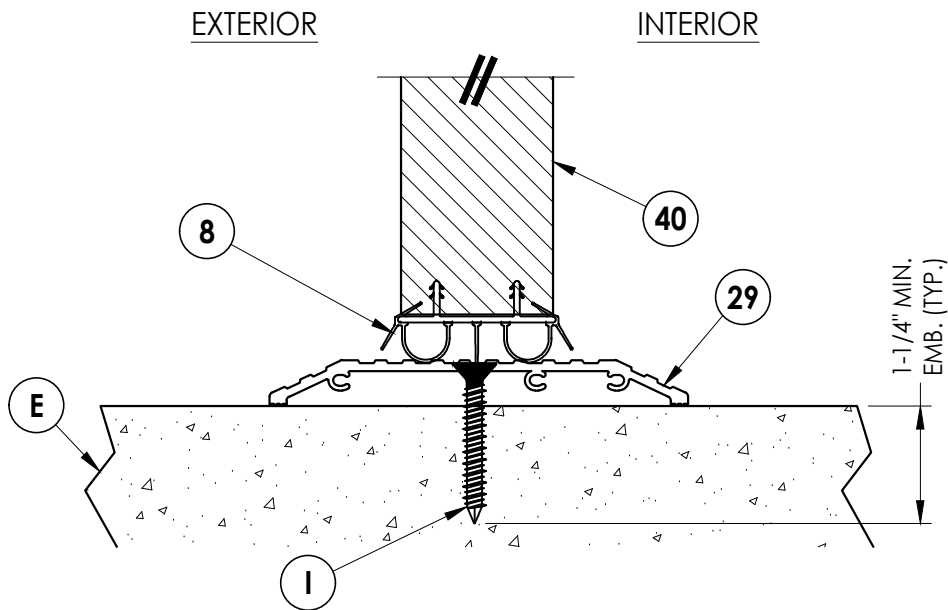
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1 **VERTICAL CROSS SECTION**
7 Outswing configuration



3 **VERTICAL CROSS SECTION**
7 Inswing configuration



2 **VERTICAL CROSS SECTION**
7 Shown w/ ADA threshold

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS		
		DATE	BY	LFS
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS

DATE: 3/29/22

SCALE: N.T.S.

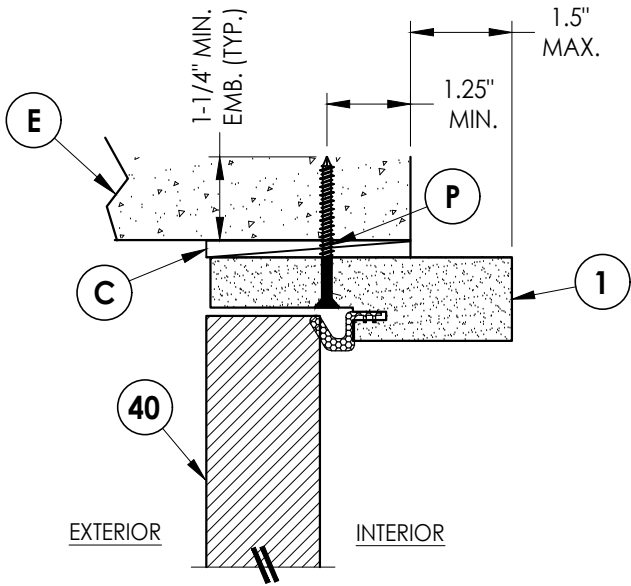
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CHK. BY: LFS

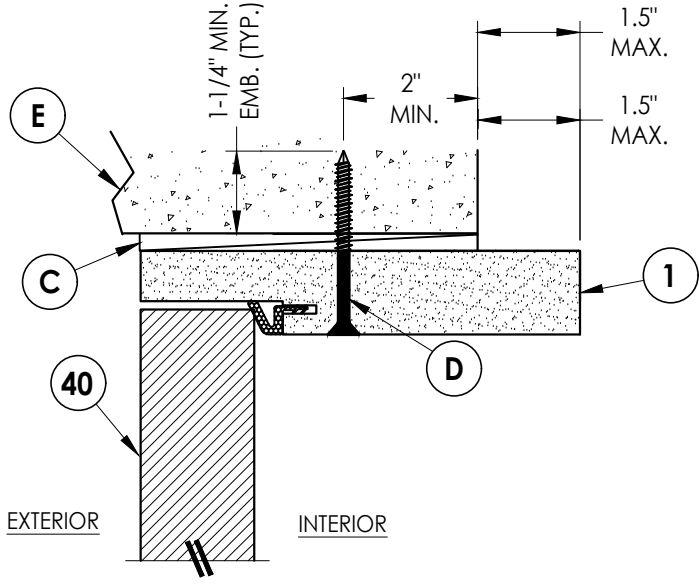
DRAWING NO.:
FL-39254.7

SHEET 7 OF 11

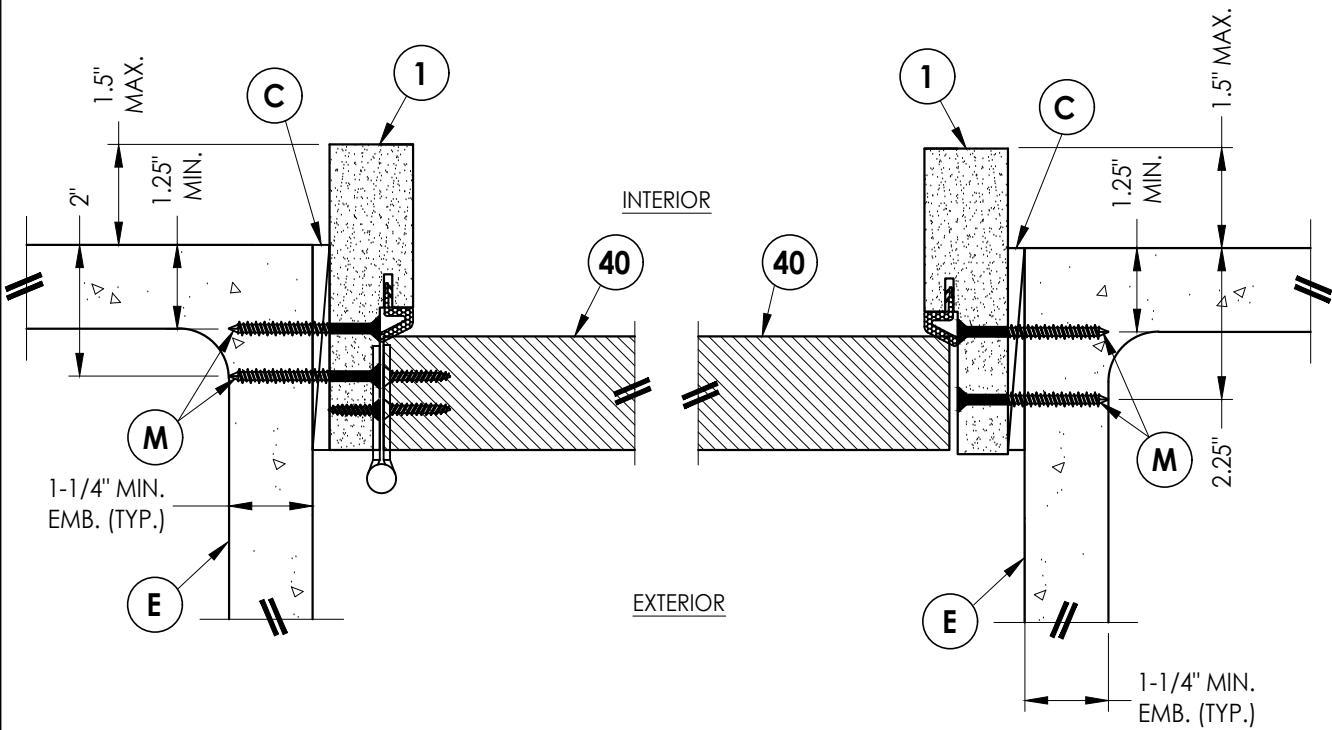
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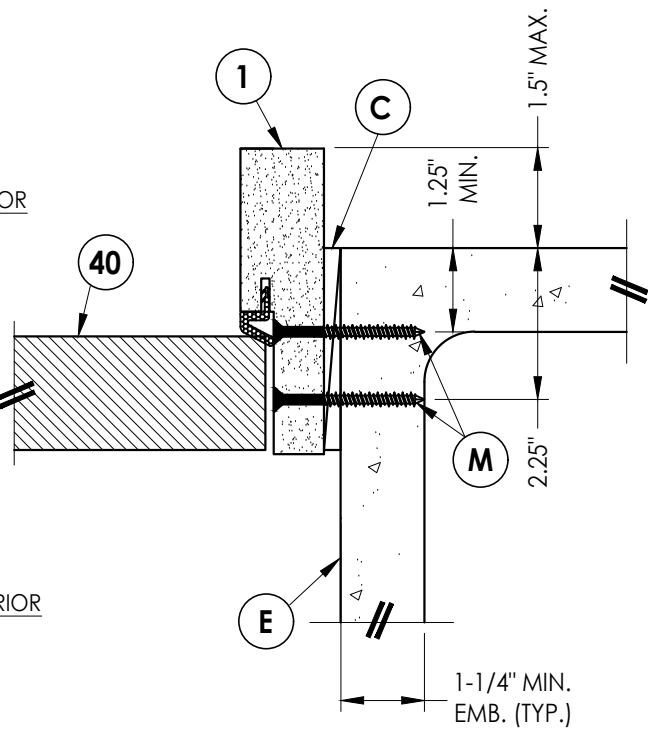
5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



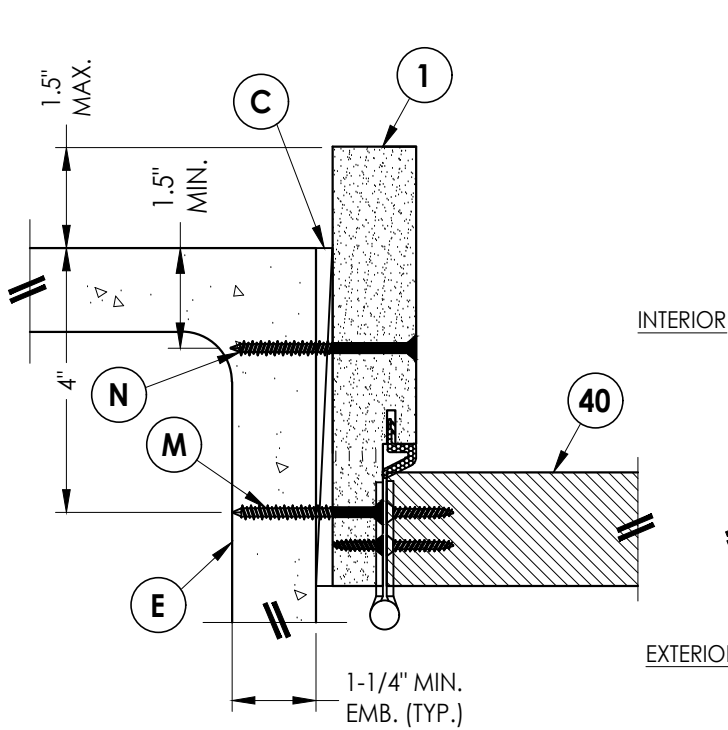
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8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



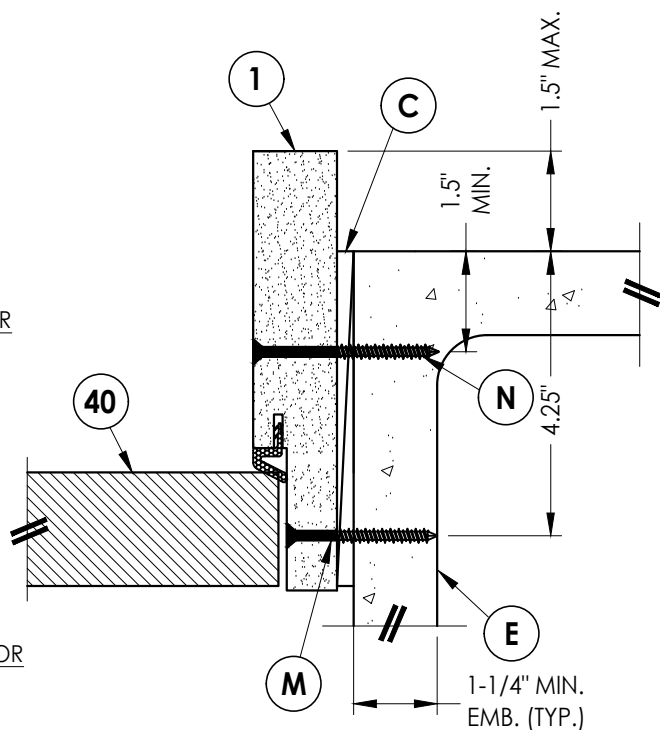
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



4
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Documents Prepared By:
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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 & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-39254.7

SHEET 8 OF 11

9.31"

31.19"

31.19"

SEE HINGE
DETAIL (TYP.)

M
O

4-9/16" JAMB (P) DIRECT TO MASONRY JAMB (TYP.) (SEE SHEET 8)

6" (TYP.)

6" (TYP.)

14" MAX. O.C. (TYP.)

MASONRY OPENING

FRAME

2X BUCK

HEAD & JAMBS (TYP.)

2X BUCK (L)

1X BUCK (G)

DIRECT TO MASONRY (D)

4-9/16" JAMB (M)

6-9/16" JAMB (N)

DIRECT TO MASONRY JAMB (TYP.) (SEE SHEET 8)

ADA SILL ONLY (I)

Side elevation drawing of a building facade. It features a central door with a transom window, flanked by two windows. The door has a transom window. The windows have multiple panes. Dimensions are indicated: 5.5" for the door width and 39.06" for the window width.

Diagram illustrating the correct installation of a 2x Buck on a wall. The diagram shows two methods: "DIRECT TO MASONRY" and "1X BUCK".

- Top Section:**
 - Method 1: "DIRECT TO MASONRY" (M) - A 2x Buck (58) is installed directly against the masonry.
 - Method 2: "1X BUCK" (G) - A 1x Buck (11) is installed against the masonry, and a 2x Buck (58) is installed against the 1x Buck.
- Bottom Section:**
 - Method 3: "DIRECT TO MASONRY" (M) - A 2x Buck (58) is installed directly against the masonry.
 - Method 4: "1X BUCK" (G) - A 1x Buck (11) is installed against the masonry, and a 2x Buck (58) is installed against the 1x Buck.

Labels in the diagram include: 28, 58, 11, 27, M, G, 58, DIRECT TO MASONRY, 1X BUCK, and 2X BUCK.

DIRECT TO MASONRY

M

1X BUCK

G

2X BUCK

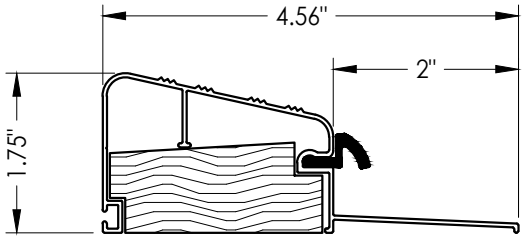
L

9

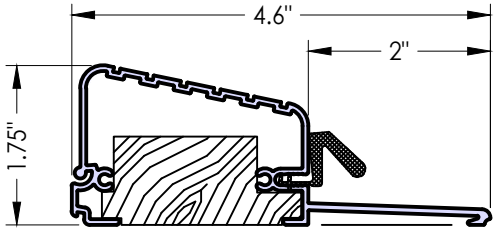
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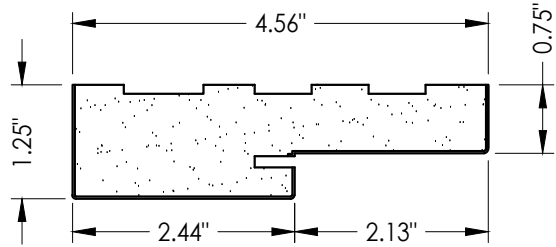
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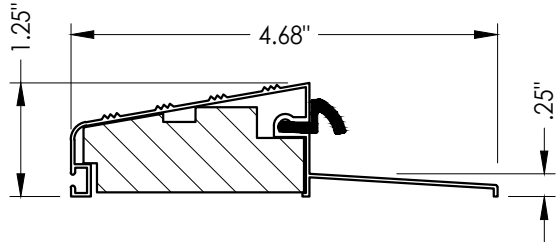
30 **OUTSWING THRESHOLD**
DLP (QOSR)



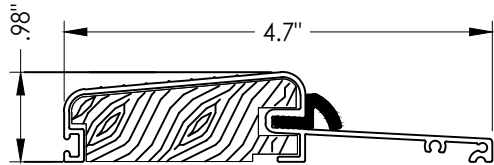
34 **OUTSWING THRESHOLD**
Columbia High Dam (581)



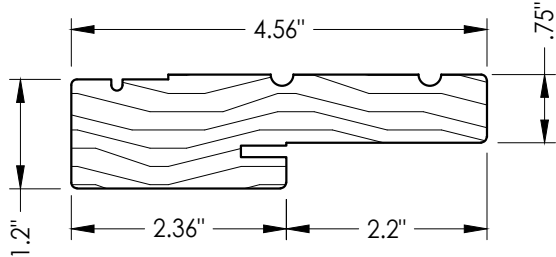
1 **POLY FIBER JAMB**
Plastpro



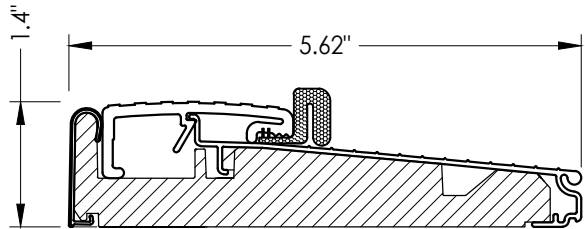
32 **OUTSWING THRESHOLD**
DLP (QOSH)



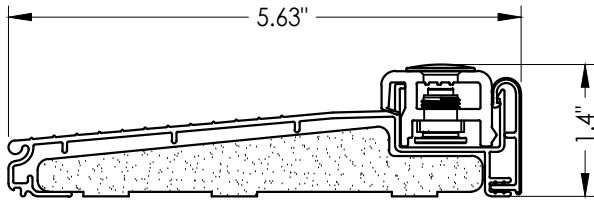
31 **OUTSWING THRESHOLD**
Columbia (575)



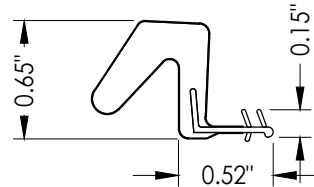
2 **WOOD JAMB**



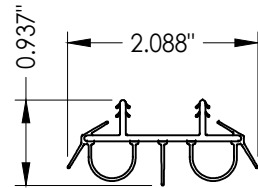
33 **OUTSWING THRESHOLD**
Endura (Z-Series)



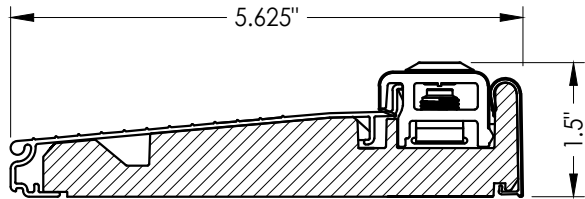
38 **INSWING THRESHOLD**
Columbia



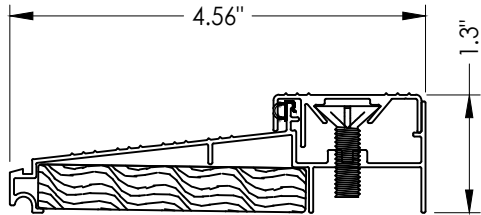
7 **WEATHERSTRIP**
Endura Force 5



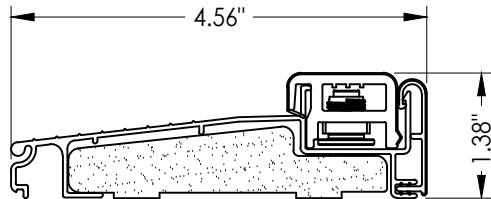
8 **DOOR BOTTOM SWEEP**



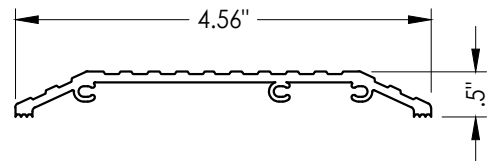
36 **INSWING THRESHOLD**
Endura (Z-Series)



37 **INSWING THRESHOLD**
DLP (ISCS)



39 **INSWING THRESHOLD**
Endura (Z-Series)



29 **ADA THRESHOLD**
DLP

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:
COMPONENTS

NO.	DATE	REVISIONS		
		LFS	FBC	BY
2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC
1	8/10/23	UPDATE TO 8TH ED.	(2023)	FBC

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39254.7

SHEET 10 OF 11

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
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	BULB VINYL WEATHERSTRIP	VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	ADA THRESHOLD	ALUM
30	OUTSWING THRESHOLD	ALUM/WOOD
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
60	MULTIPOINT STRIKE PLATE	STEEL
62	ENDURA TRILENNIUM 3000 LOCK ASSEMBLY	STEEL

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

DATE: 3/29/22		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		PLASTPRO INC.		Lyndon F. Schmidt	
DWG. BY: RW		FIBERGLASS DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		BUILDING CONSULTANTS, INC.	
DRAWING NO.: FL-39254.7		BILL OF MATERIALS		P.O. Box 230, Valrico, FL 33595	
SHEET 11 OF 11		LFS		Phone No.: 813.659.9197	
		LFS		FBPE Registry No. 9813	
		BY			
		NO. DATE			
		2 7/02/26			
		UPDATE TO 9TH ED. (2026) FBC			
		1 8/10/23			
		UPDATE TO 8TH ED. (2023) FBC			
		REVISIONS			