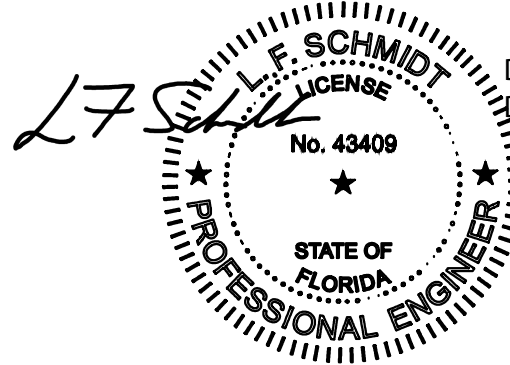




5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045



Digitally signed by Lyndon F Schmidt
Date: 2023.08.10 15:26:13 -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

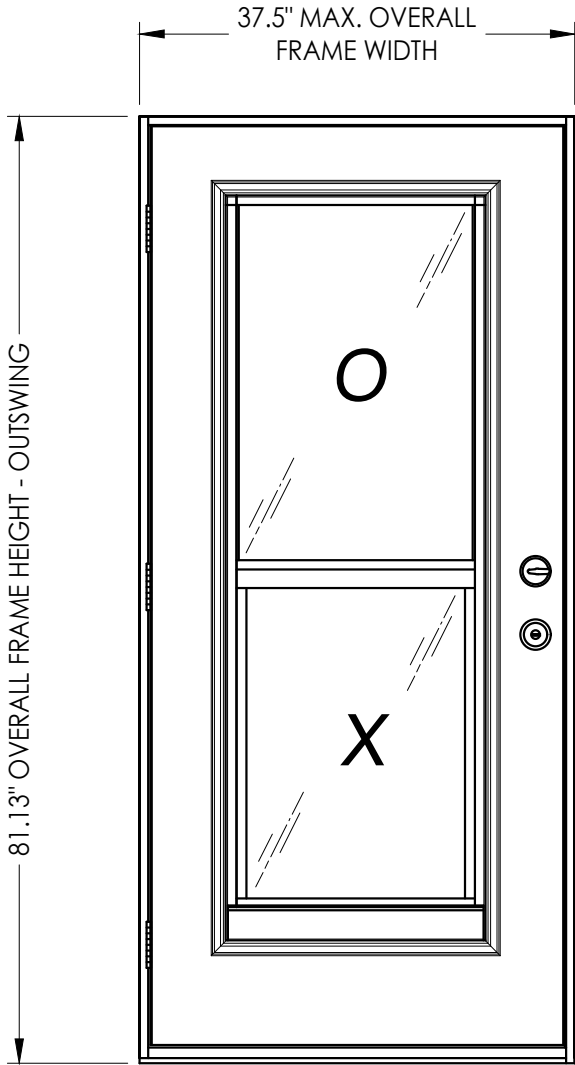
"High Velocity Hurricane" Fiberglass Door
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
w/ WINDSERT™ OPERATIONAL WINDOW INSERT
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 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	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:
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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

NO.	DATE	REVISIONS	
		BY	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

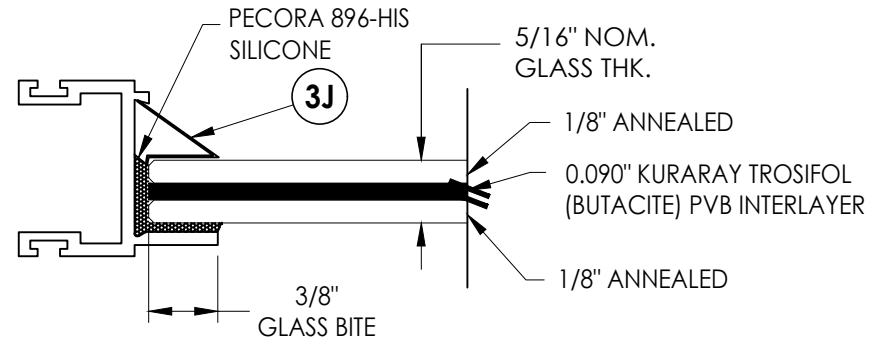
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DRAWING NO.:

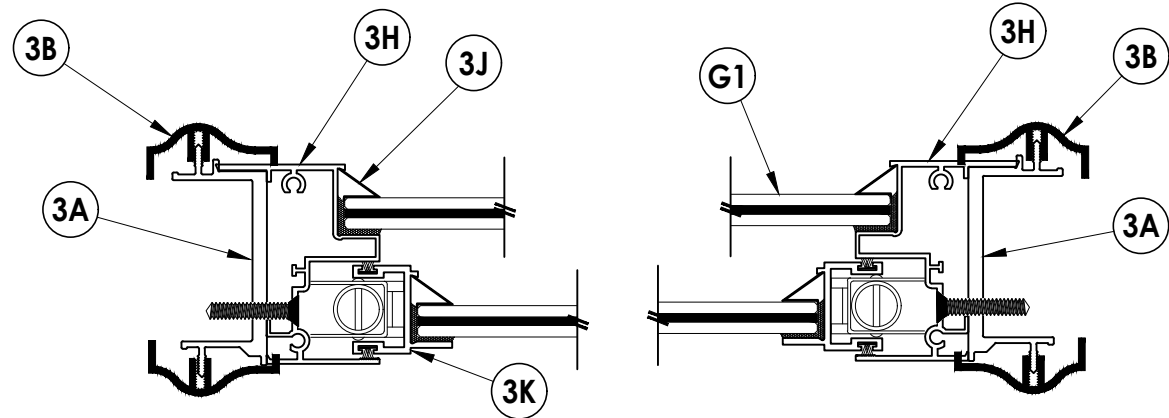
FL-39254.7

SHEET 1 OF 11

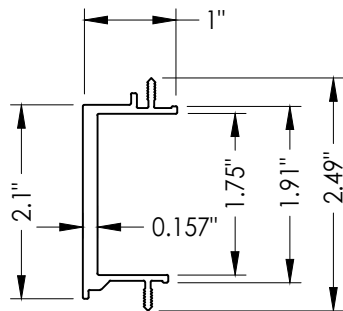
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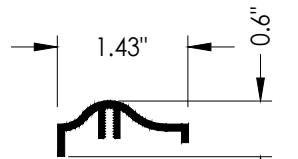
G1 GLAZING DETAIL



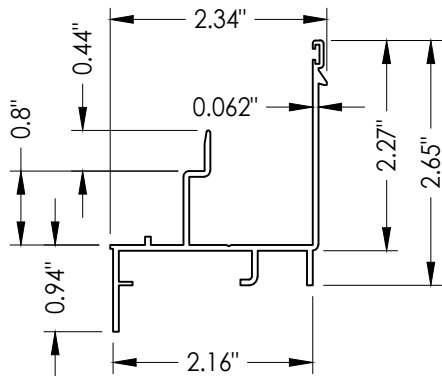
1 3 HORIZONTAL CROSS SECTION



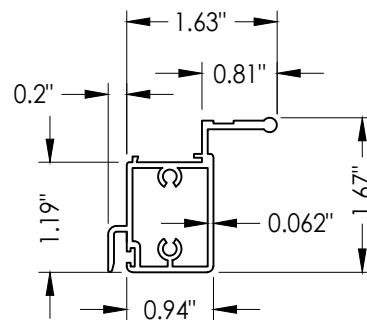
3A MOUNTING CHANNEL
ALUM (6063-T6)



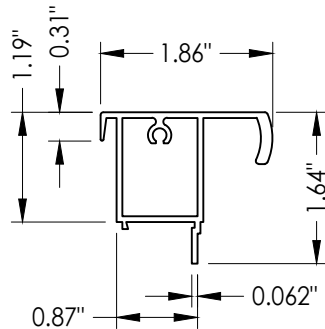
3B DECORATIVE TRIM
PVC



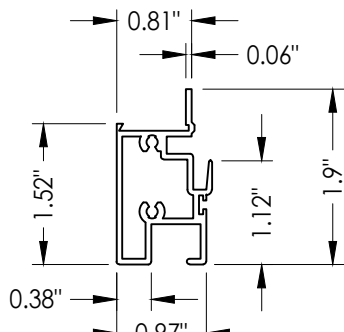
3C FRAME SILL
ALUM (6063-T6)



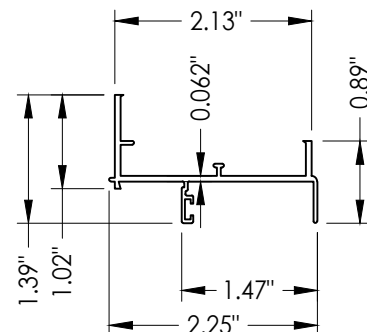
3D VENT BOTTOM RAIL
ALUM (6063-T6)



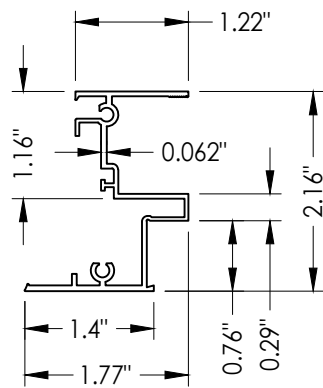
3E VENT TOP RAIL
ALUM (6063-T6)



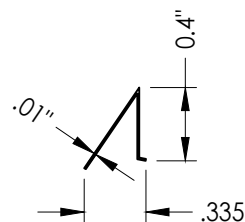
3F MEETING RAIL
ALUM (6063-T6)



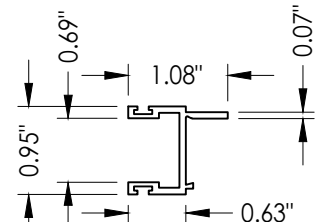
3G FRAME HEAD
ALUM (6063-T6)



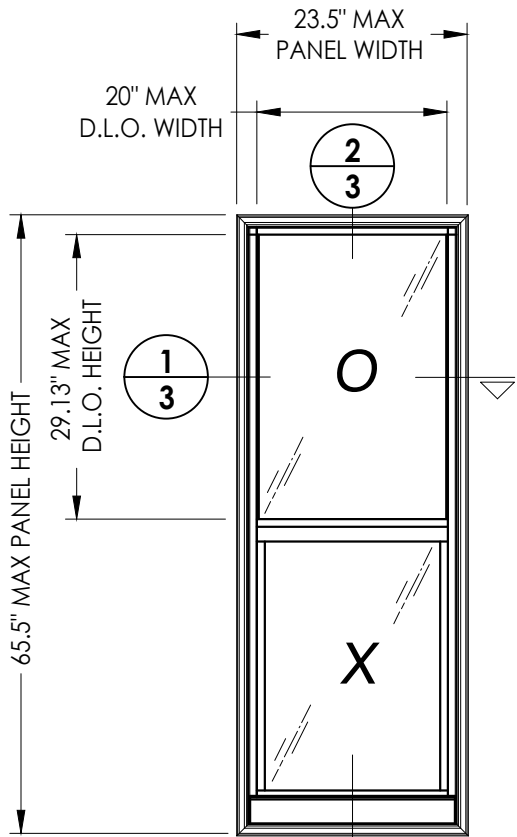
3H FRAME JAMB
ALUM (6063-T6)



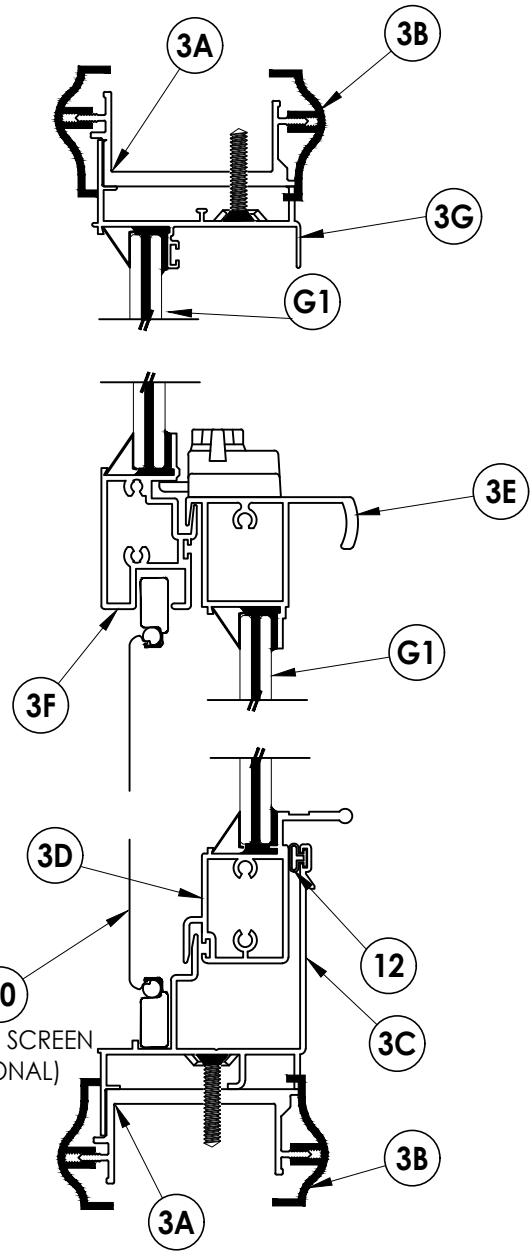
3J GLAZING BEAD
ALUM



3K VENT JAMB
ALUM (6063-T6)



DLP LITE FRAME WINDSERT



2 3 VERTICAL CROSS SECTION

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RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
LITE FRAME DETAILS
& GLAZING DETAILS

NO.	DATE	REVISIONS	LFS	BY
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DATE: 3/29/22

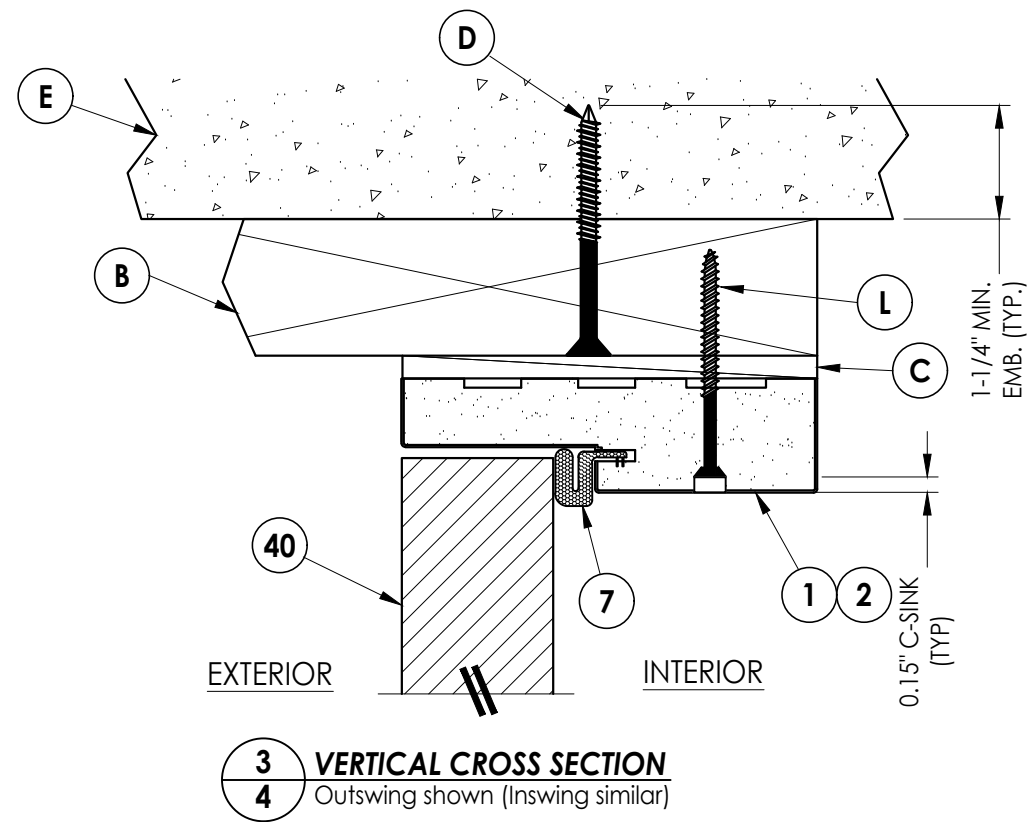
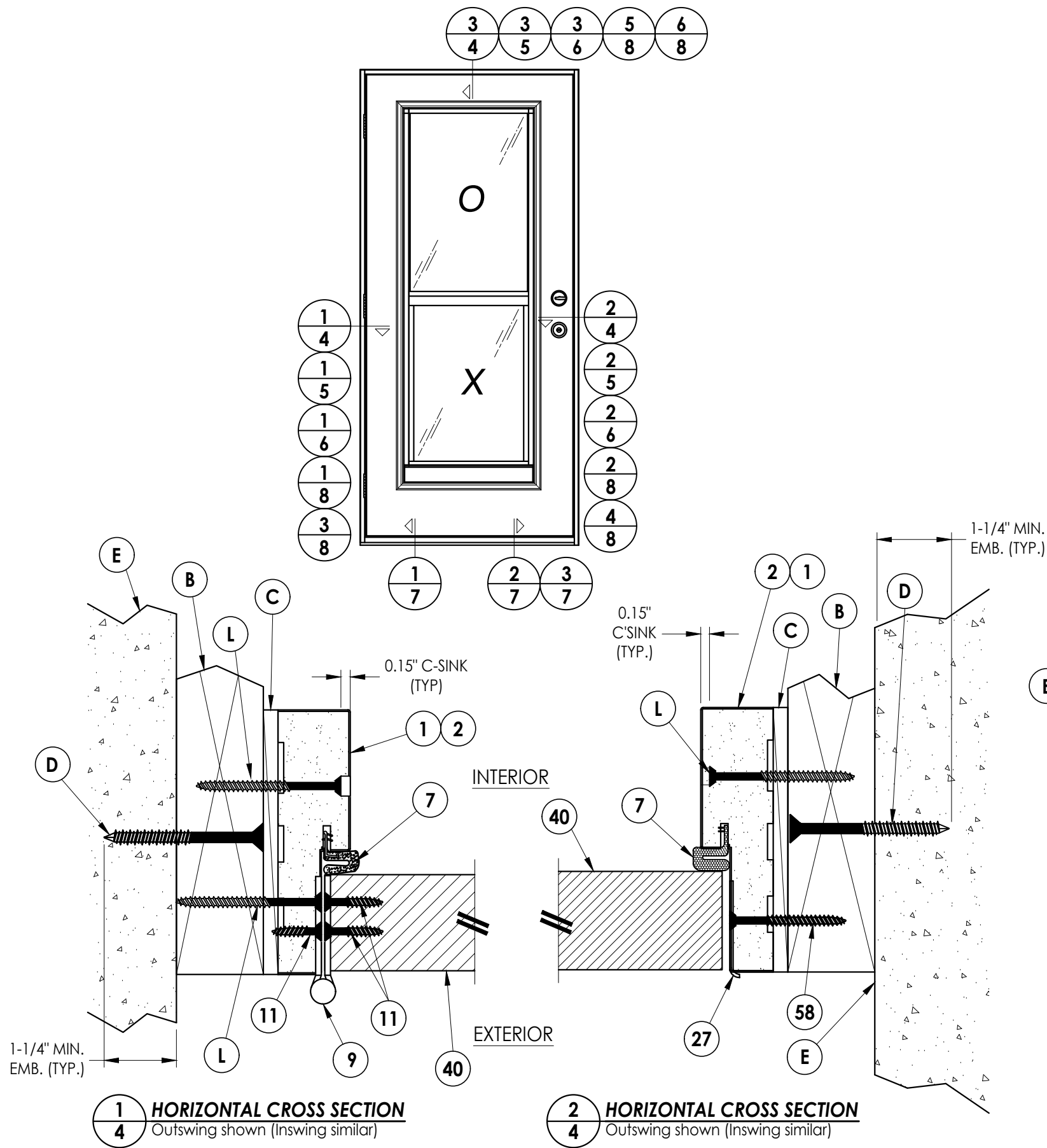
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DWG. BY: RW

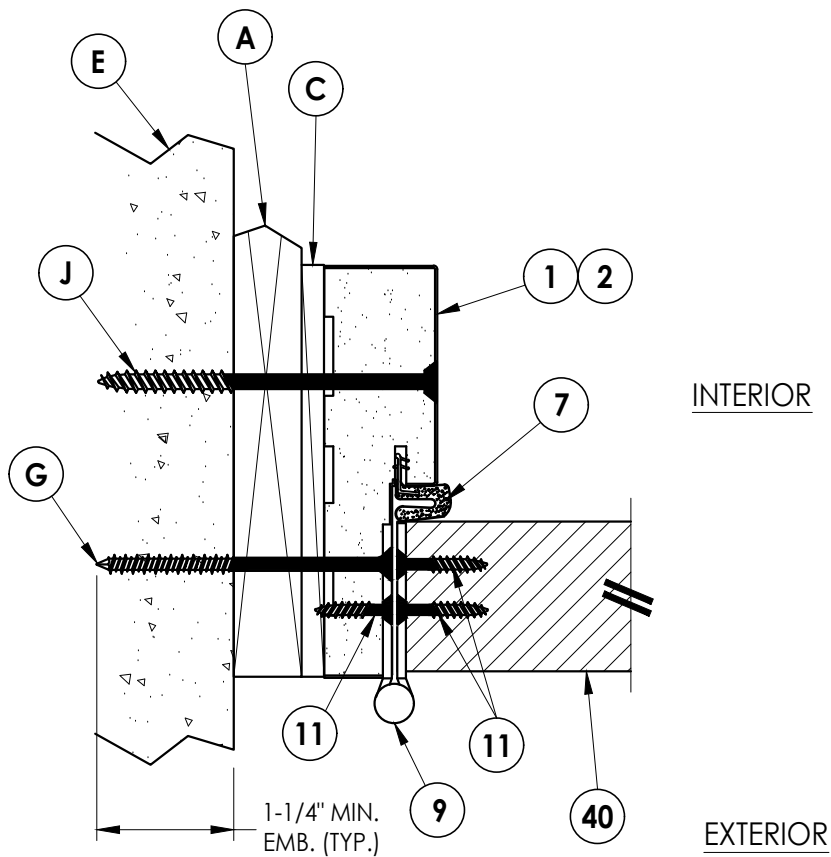
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DRAWING NO.: FL-39254.7

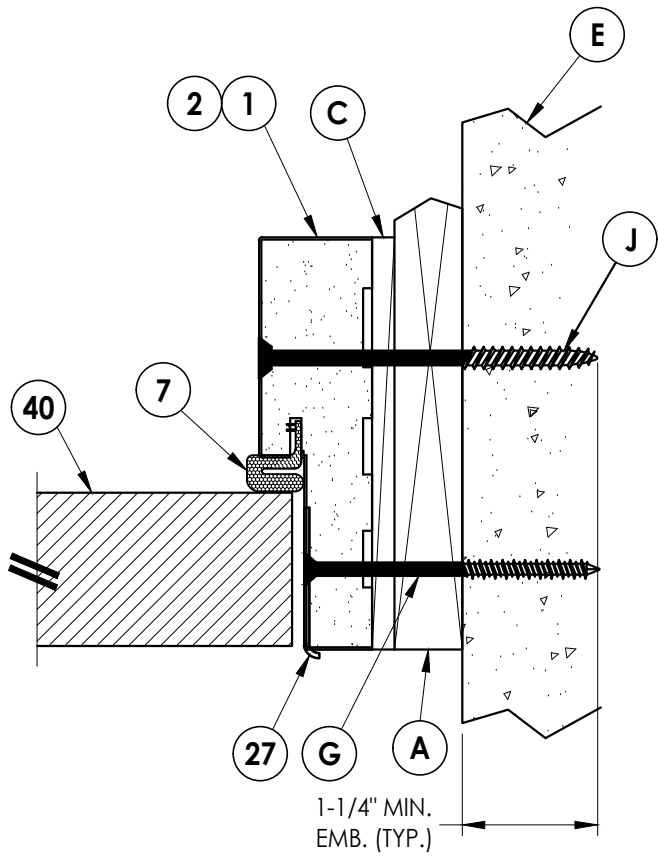
SHEET 3 OF 11

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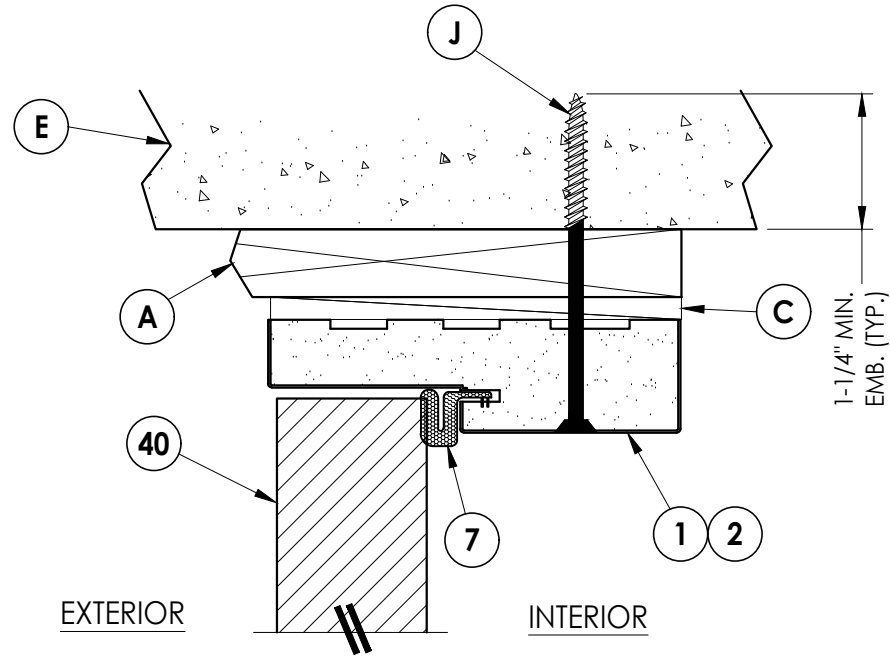
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1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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
P.E. No. 43409

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS	BY	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	

DATE: 3/29/22

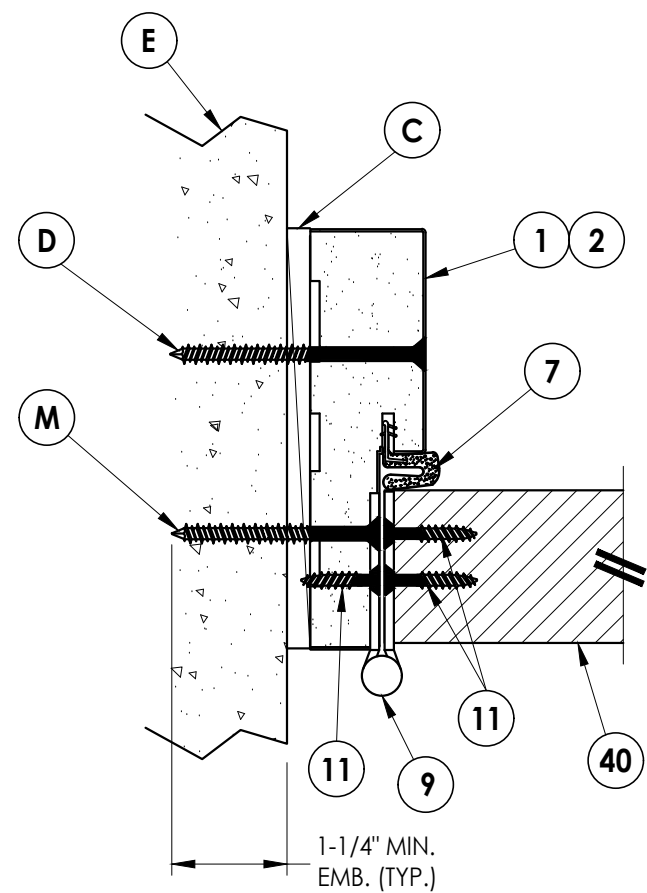
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CHK. BY: LFS

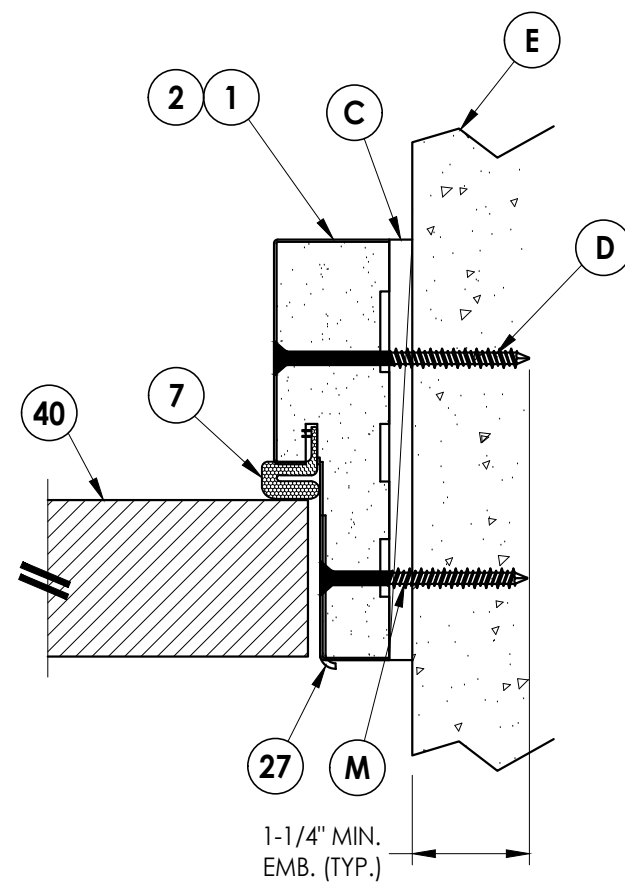
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FL-39254.7

SHEET 5 OF 11

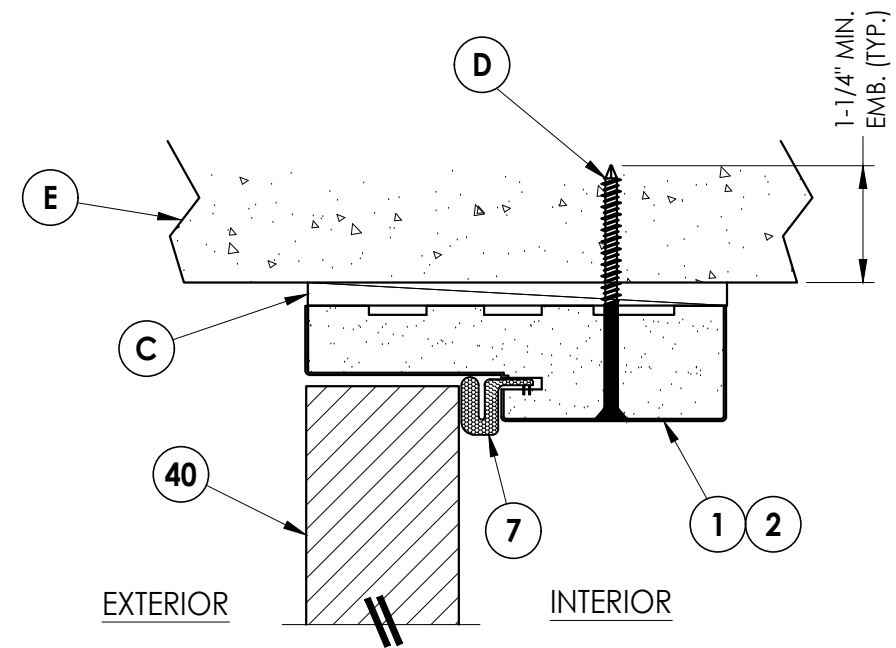


1 HORIZONTAL CROSS SECTION

6 Shown Direct to Masonry
Outswing shown (Inswing similar)



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



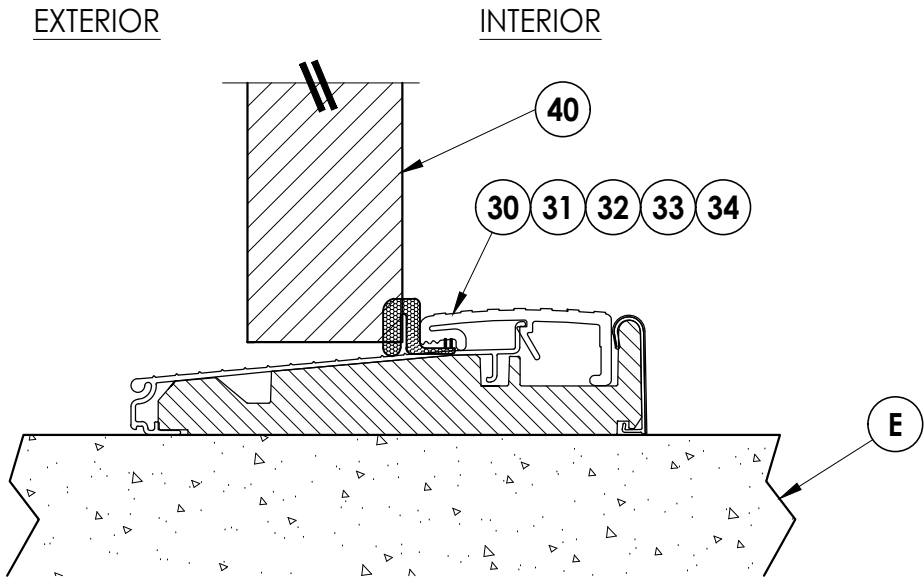
3 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
 Outswing shown (Inswing similar)

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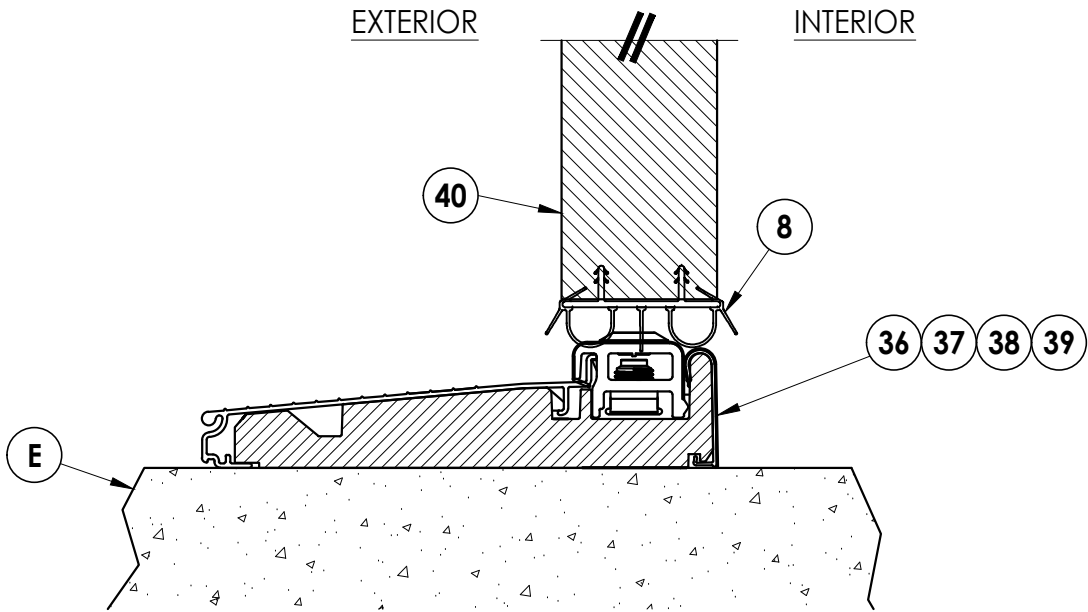
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

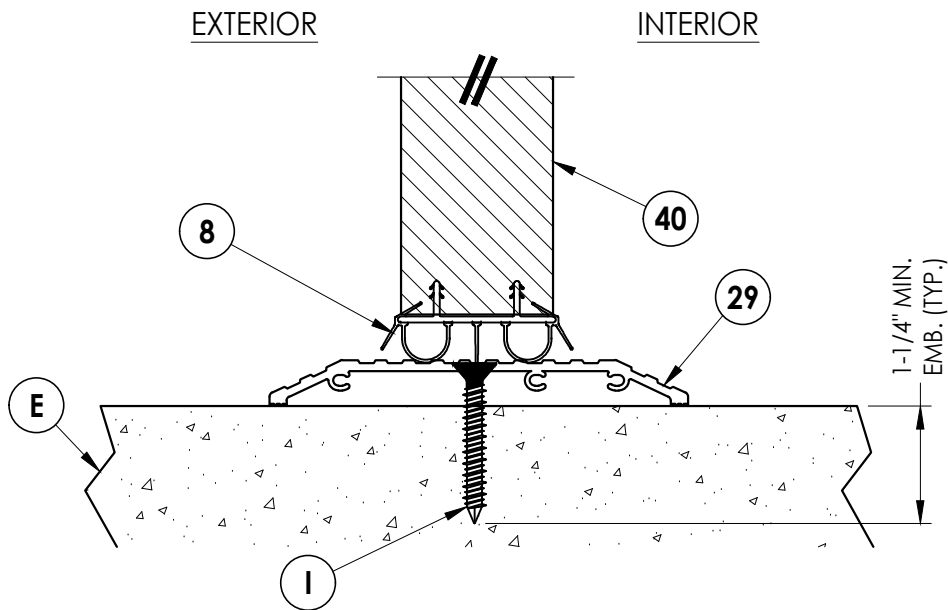
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1 VERTICAL CROSS SECTION
7 Outswing configuration



3 VERTICAL CROSS SECTION
7 Inswing configuration



2 VERTICAL CROSS SECTION
7 Shown w/ ADA threshold

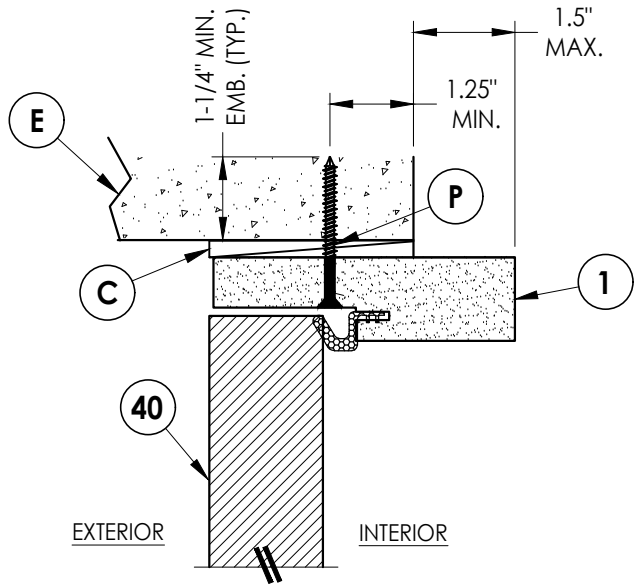
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1	8/10/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 3/29/22
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DWG. BY: RW
CHK. BY: LFS
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SHEET 7 OF 11

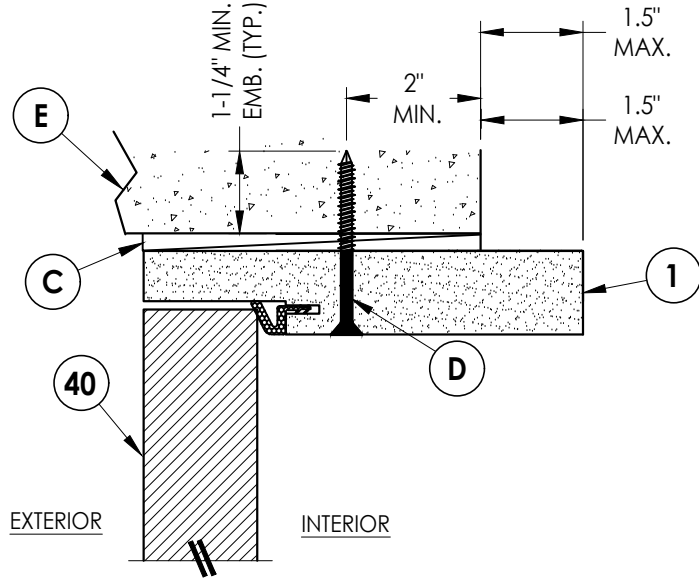
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY: VERTICAL CROSS
SECTIONS (THRESHOLDS)

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

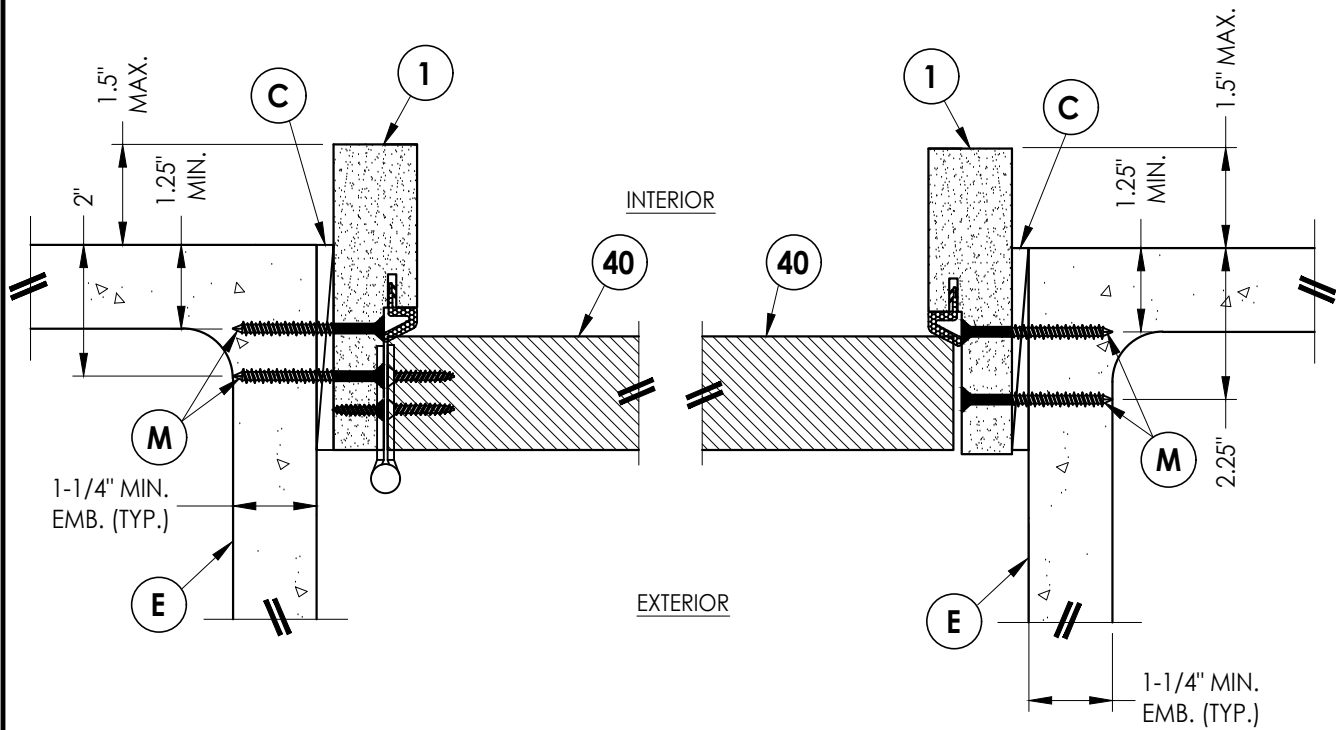
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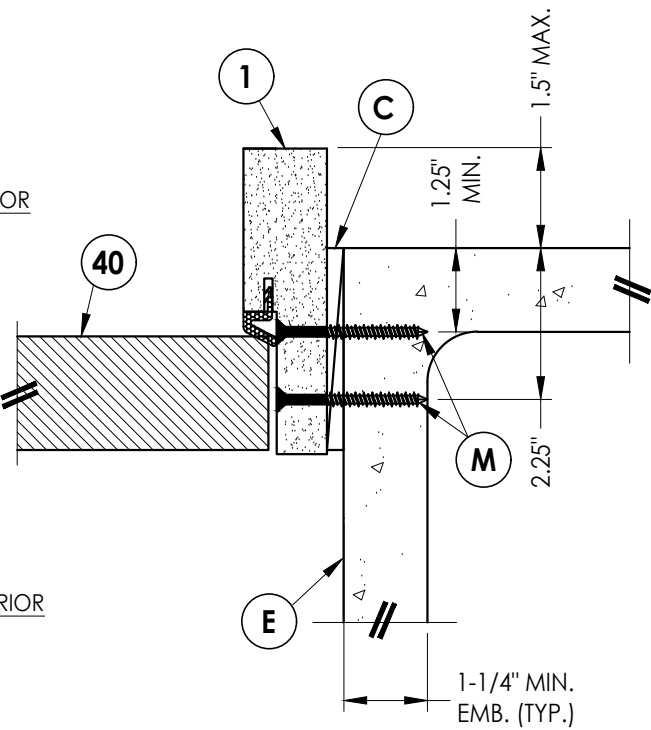
5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



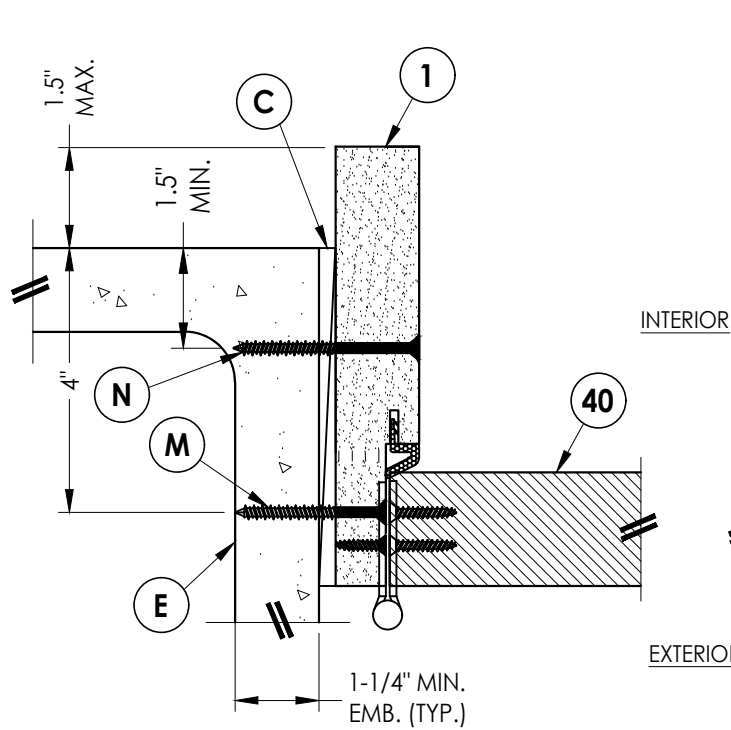
6
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



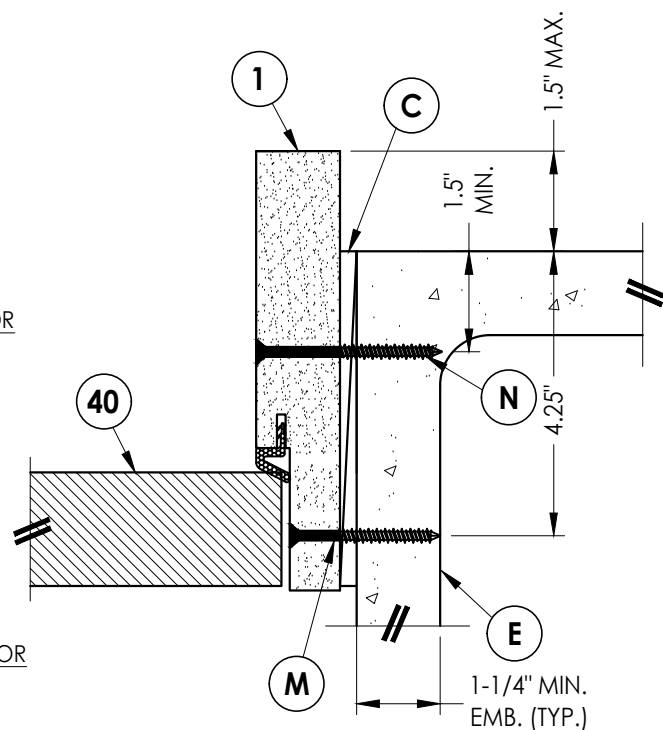
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC
LFS		
BY		

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

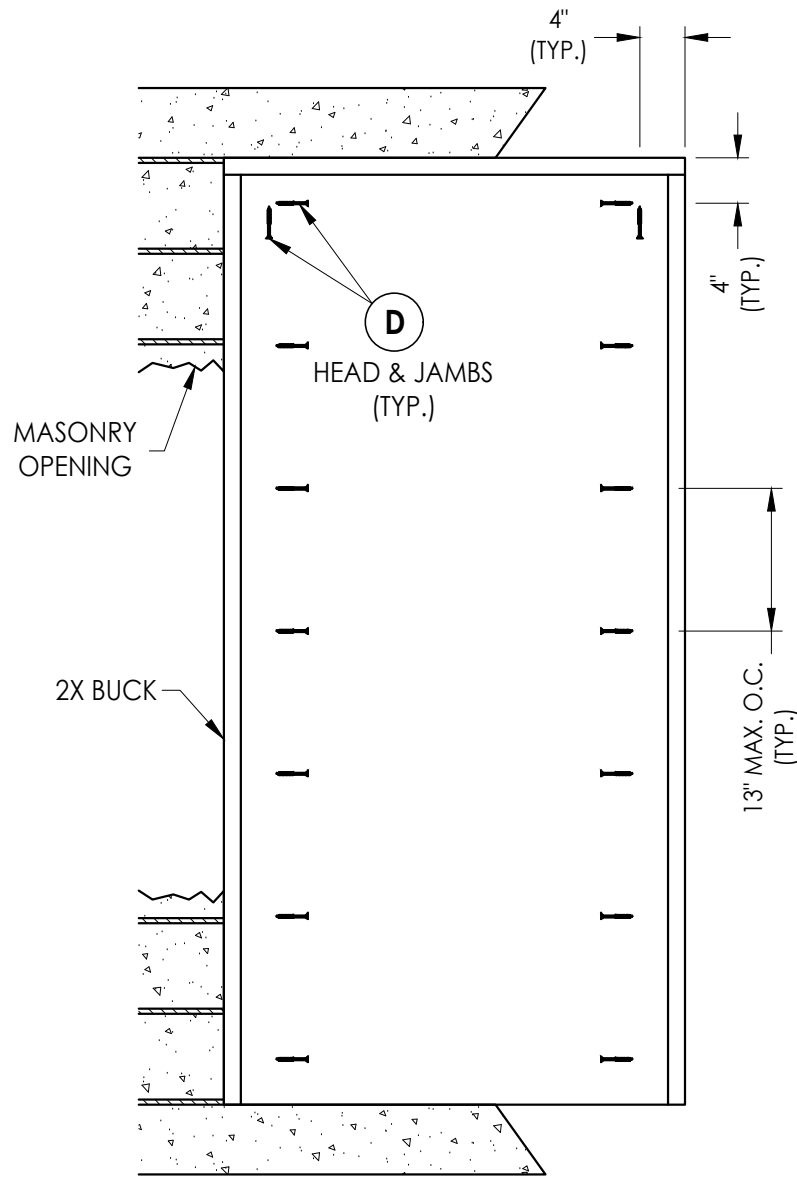
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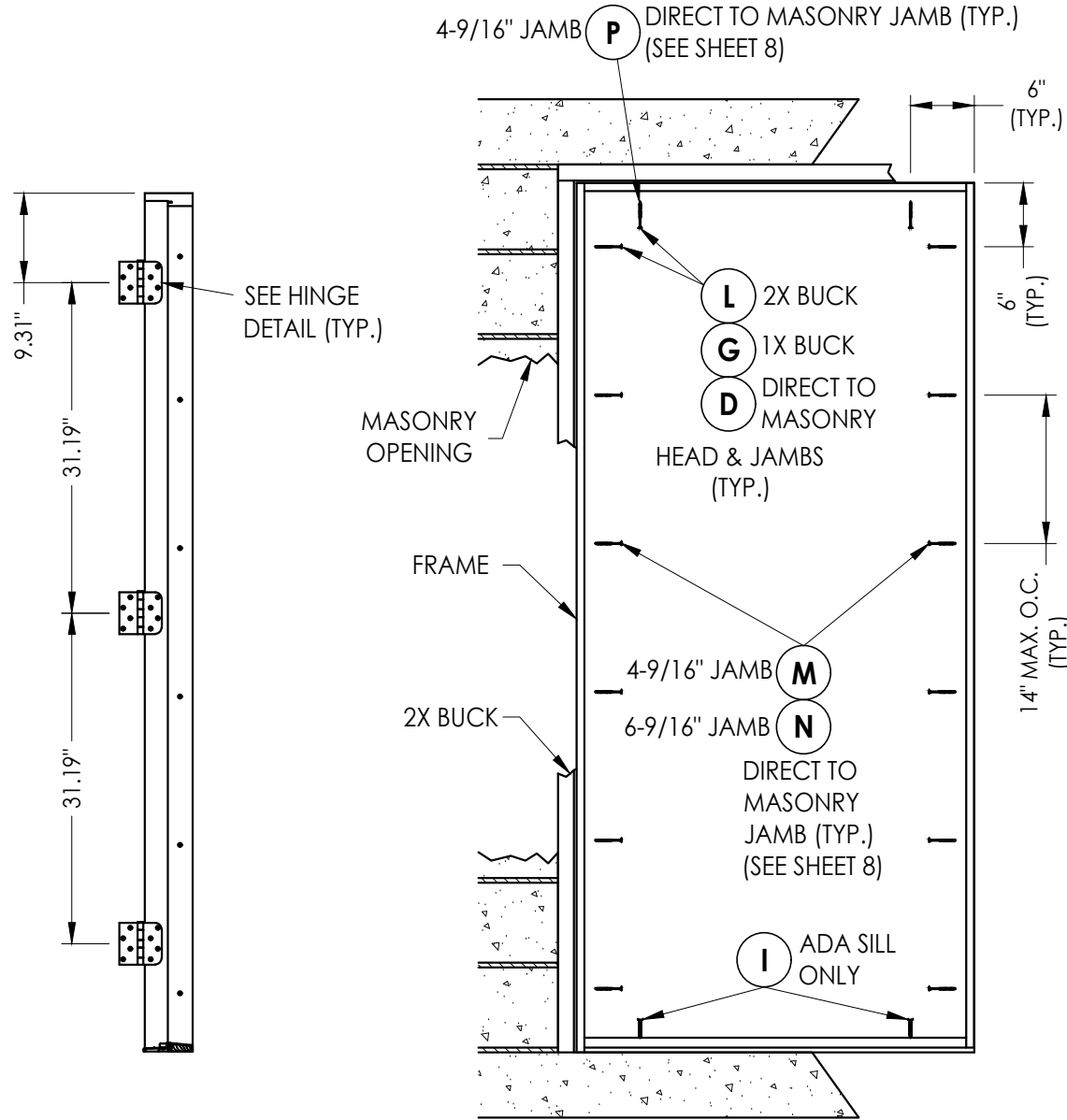
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SHEET 8 OF 11

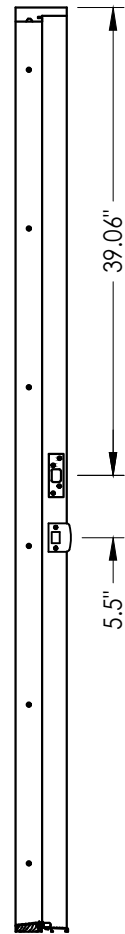
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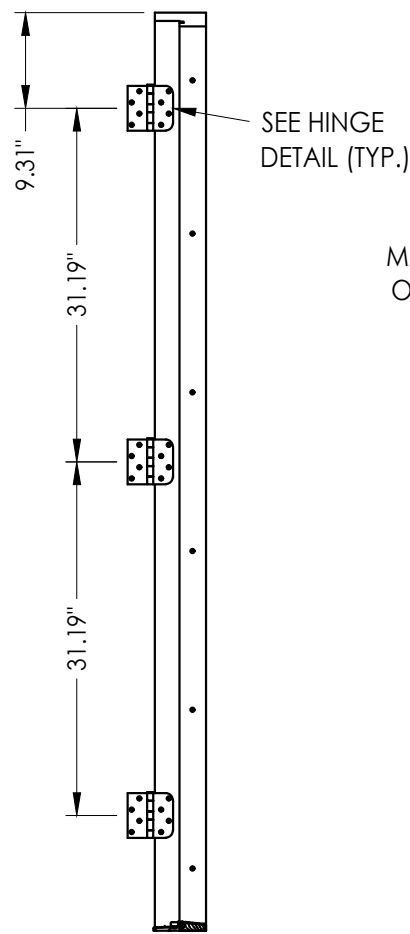
BUCK ANCHORING



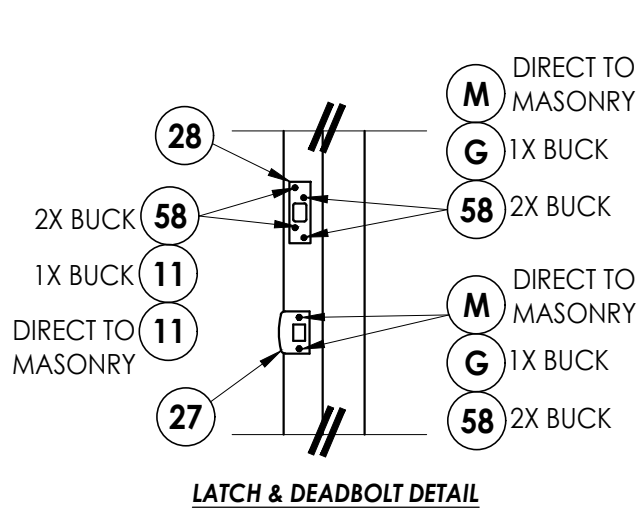
FRAME ANCHORING
Masonry construction



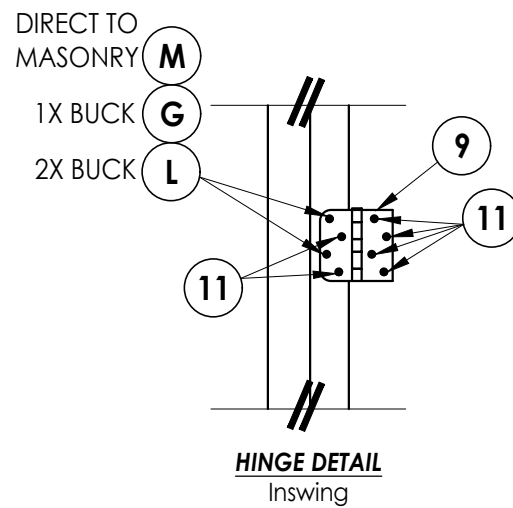
HINGE JAMB



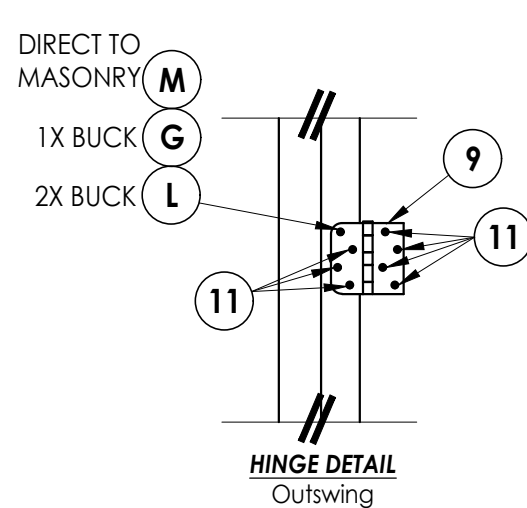
STRIKE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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"	AS SHOWN	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:
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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

NO.	DATE	REVISIONS
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 3/29/22

SCALE: N.T.S.

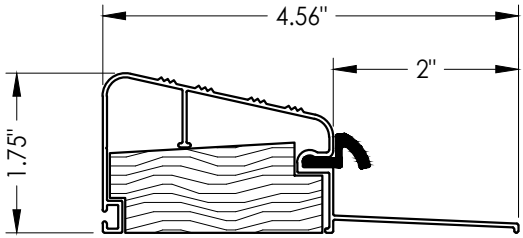
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CHK. BY: LFS

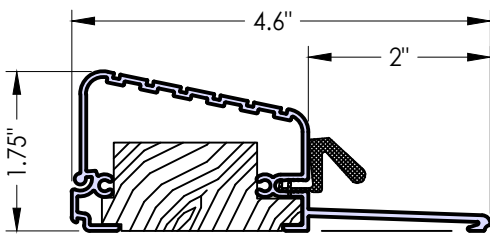
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FL-39254.7

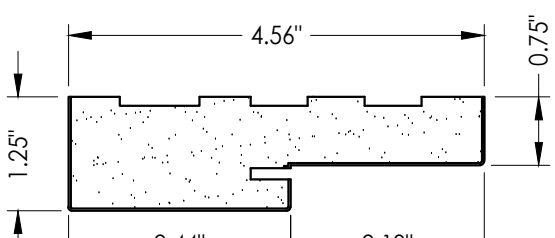
SHEET 9 OF 11



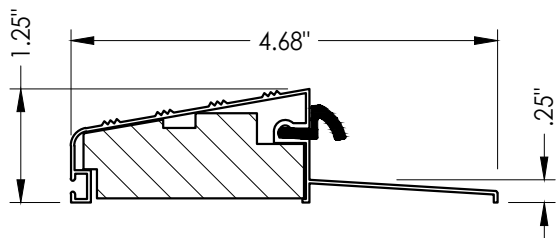
30 **OUTSWING THRESHOLD**
DLP (QOSR)



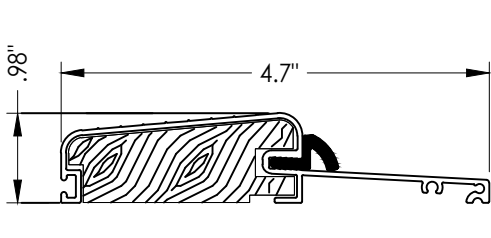
34 **OUTSWING THRESHOLD**
Columbia High Dam (581)



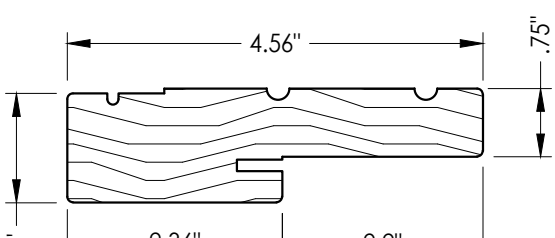
1 **POLY FIBER JAMB**
Plastpro



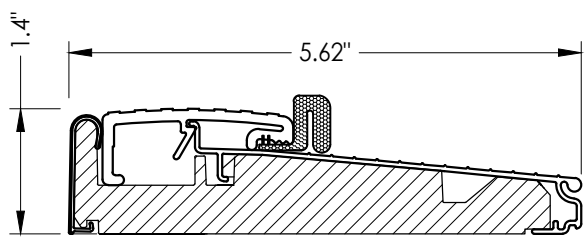
32 **OUTSWING THRESHOLD**
DLP (QOSH)



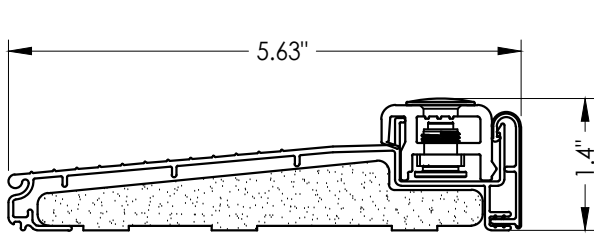
31 **OUTSWING THRESHOLD**
Columbia (575)



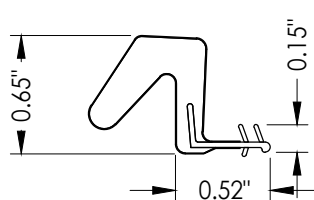
2 **WOOD JAMB**



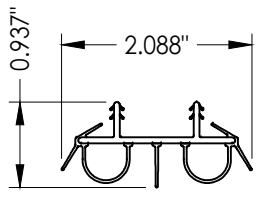
33 **OUTSWING THRESHOLD**
Endura (Z-Series)



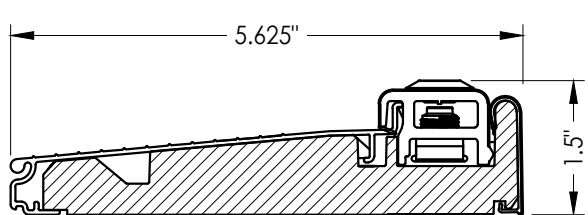
38 **INSWING THRESHOLD**
Columbia



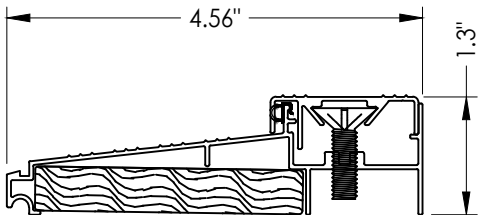
7 **WEATHERSTRIP**
Endura Force 5



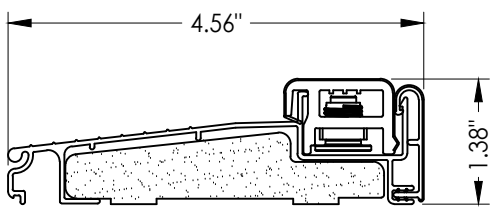
8 **DOOR BOTTOM SWEEP**



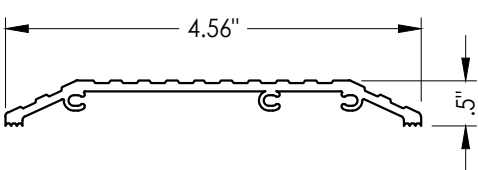
36 **INSWING THRESHOLD**
Endura (Z-Series)



37 **INSWING THRESHOLD**
DLP (ISCS)



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



29 **ADA THRESHOLD**
DLP

Documents Prepared By:
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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

RW

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	DESCRIPTION	REVISIONS	
			BY	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC	BY	LFS

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

[illegible]