



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

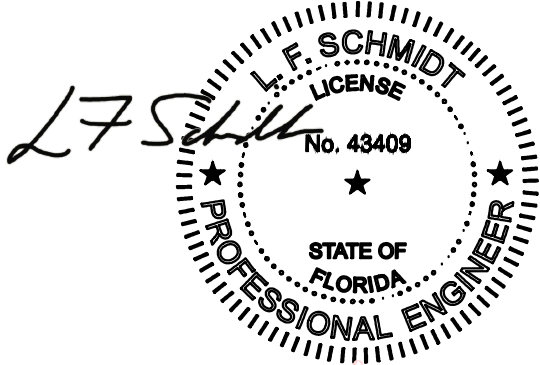
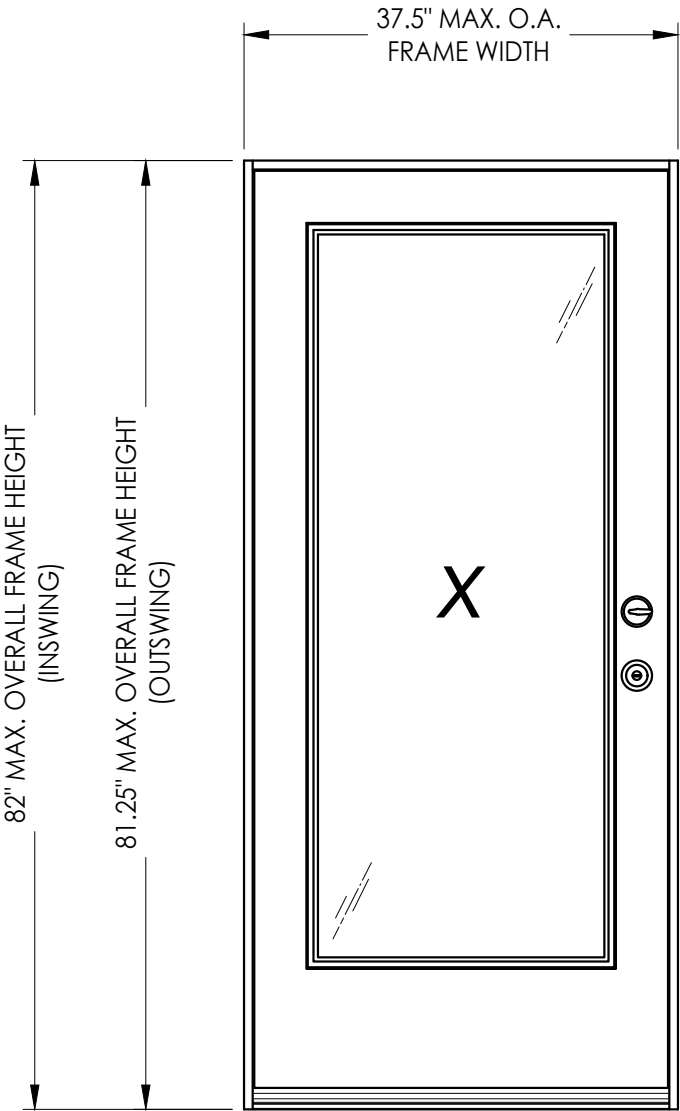
DIRECT GLAZED FIBERGLASS DOORS
SINGLES
INSWING / OUTSWING
"IMPACT"

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 3 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
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck & Frame Anchoring
9	Bill of Materials & Components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 82.0"	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 14:03:13 -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

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

PLASTPRO INC.
FIBERGLASS DOOR

PRODUCT:

Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE: 10/14/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-28685.10

SHEET 1 OF 9

37/01/26 UPDATE TO 9TH ED. (2026) FBC

28/10/23 UPDATE TO 8TH ED. (2023) FBC

17/23/20 UPDATE TO 7TH ED (2020) FBC

NO. DATE

REVISIONS

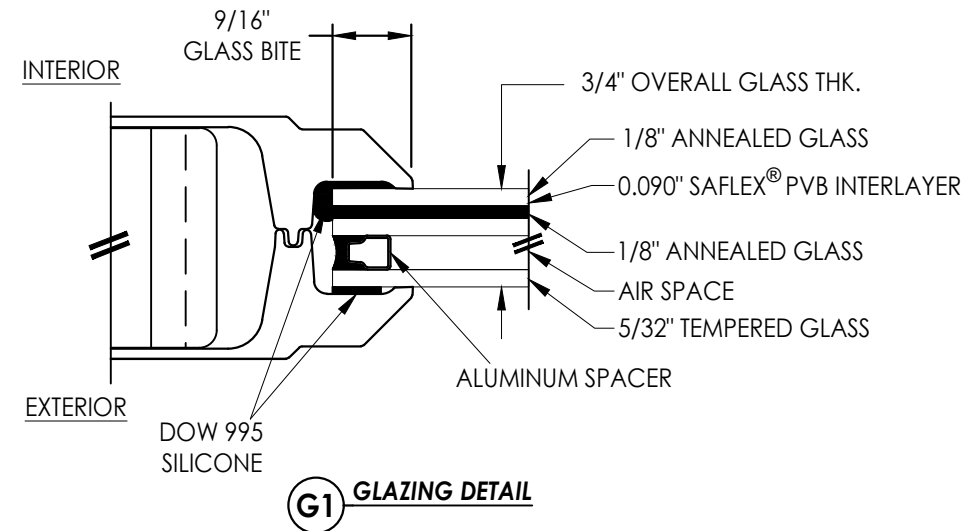
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

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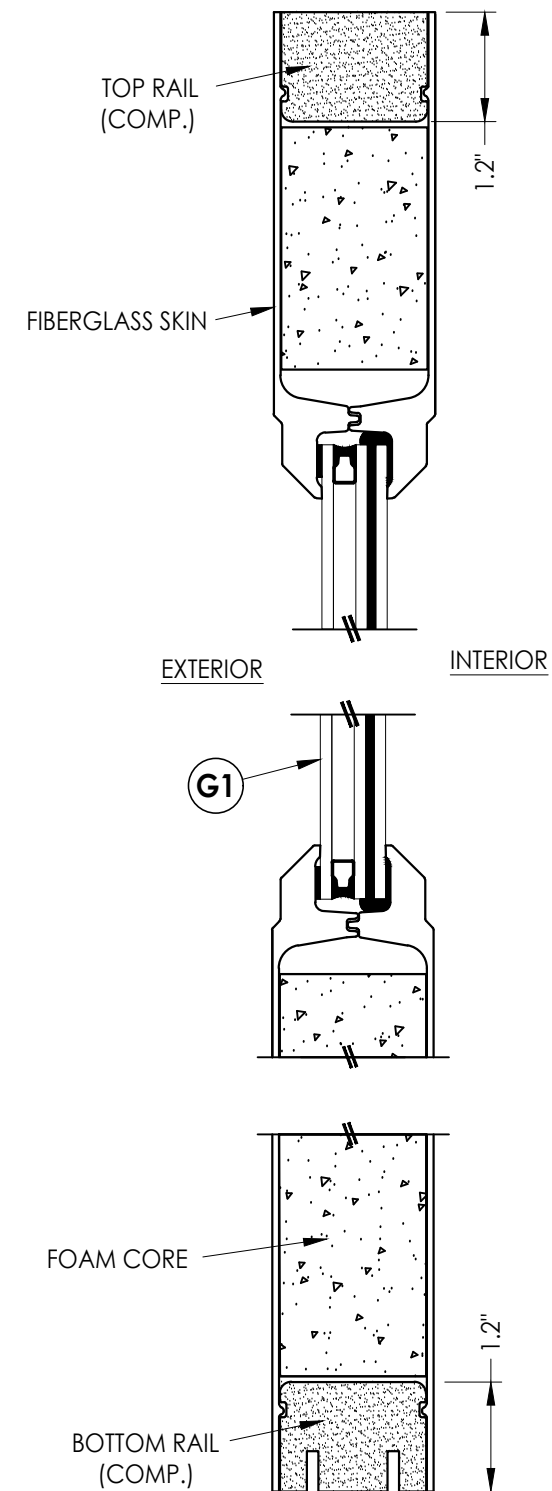
Technical drawing of a door panel showing dimensions and hardware locations. The drawing includes the following dimensions and labels:

- 35.75" MAX. PANEL WIDTH**: Dimension across the top of the panel.
- 24.75" MAX. D.L.O. WIDTH**: Dimension across the top of the door leaf opening (D.L.O.).
- 79.25" MAX. PANEL HEIGHT**: Dimension along the left side of the panel.
- 62.75" MAX. D.L.O. HEIGHT**: Dimension along the left side of the door leaf opening (D.L.O.).
- 38.25"**: Dimension from the top of the panel to the center of the handle.
- 5.5"**: Dimension from the center of the handle to the bottom of the panel.
- SEE HARDWARE TABLE**: Label pointing to the handle and lock assembly.
- 1** and **2**: Circled numbers indicating specific hardware locations or options.
- X**: A large 'X' mark in the center of the panel, likely indicating a hinge location or a specific panel type.

FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: XPS FOAM (1.3 PCF MIN. DENSITY)



HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	KNOB: YH COLLECTION DEADBOLT: YH COLLECTION	
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)	
SCHLAGE	KNOB: F-SERIES (F51) DEADBOLT: B-SERIES (B60)	



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
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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

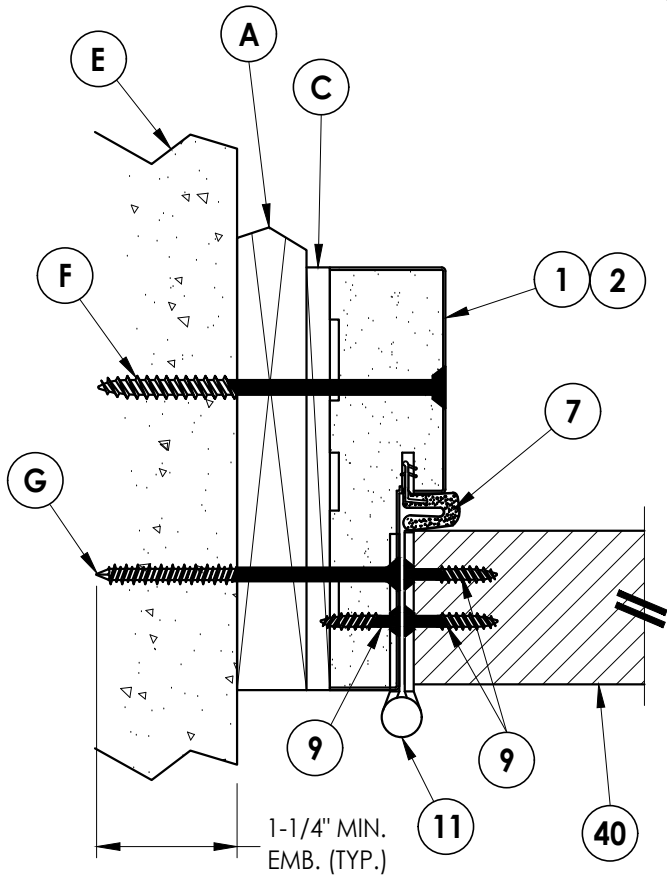
PART OR ASSEMBLY:

DOOR PANEL DETAILS

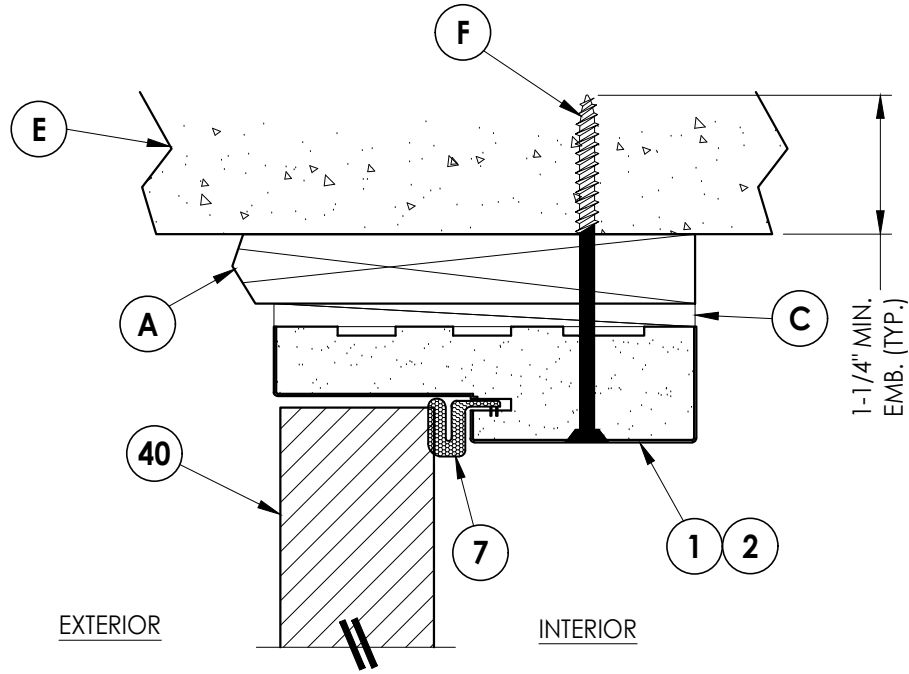
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DATE:	10/14/19
SCALE:	N.T.S.
DWG. BY:	TRJ
CHK. BY:	LFS
DRAWING NO.:	FL-28685.10
SHEET	2 OF 9

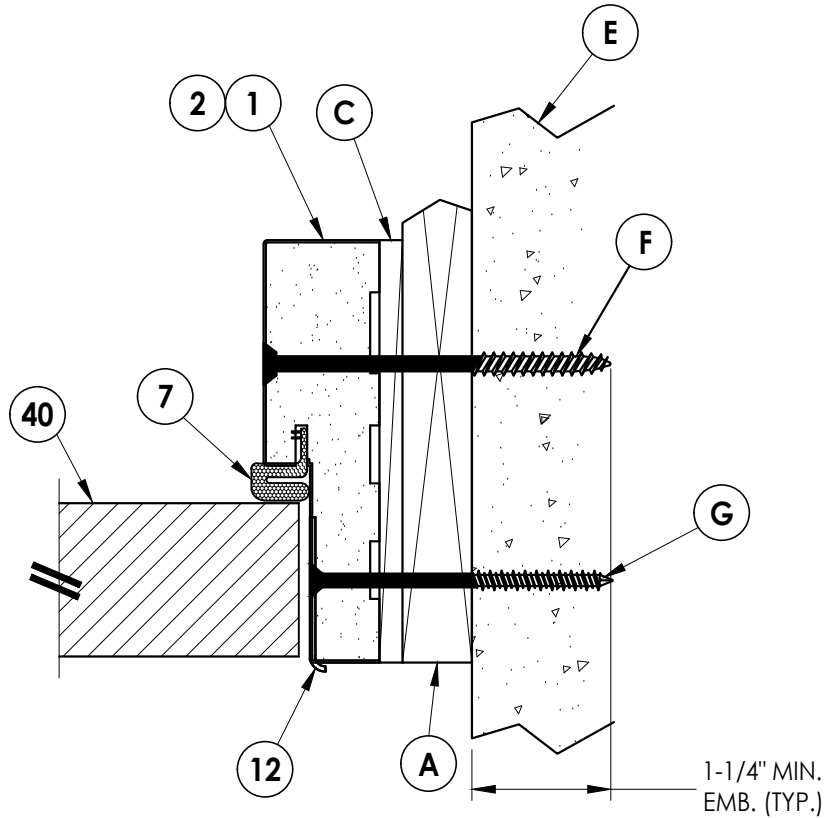
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1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



3
4 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)

REVISIONS			
NO.	DATE	BY	
3	7/01/26	LFS	UPDATE TO 9TH ED. (2026) FBC
2	8/10/23	LFS	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	LFS	UPDATE TO 7TH ED (2020) FBC

DATE: 10/14/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.10

SHEET 4 OF 9

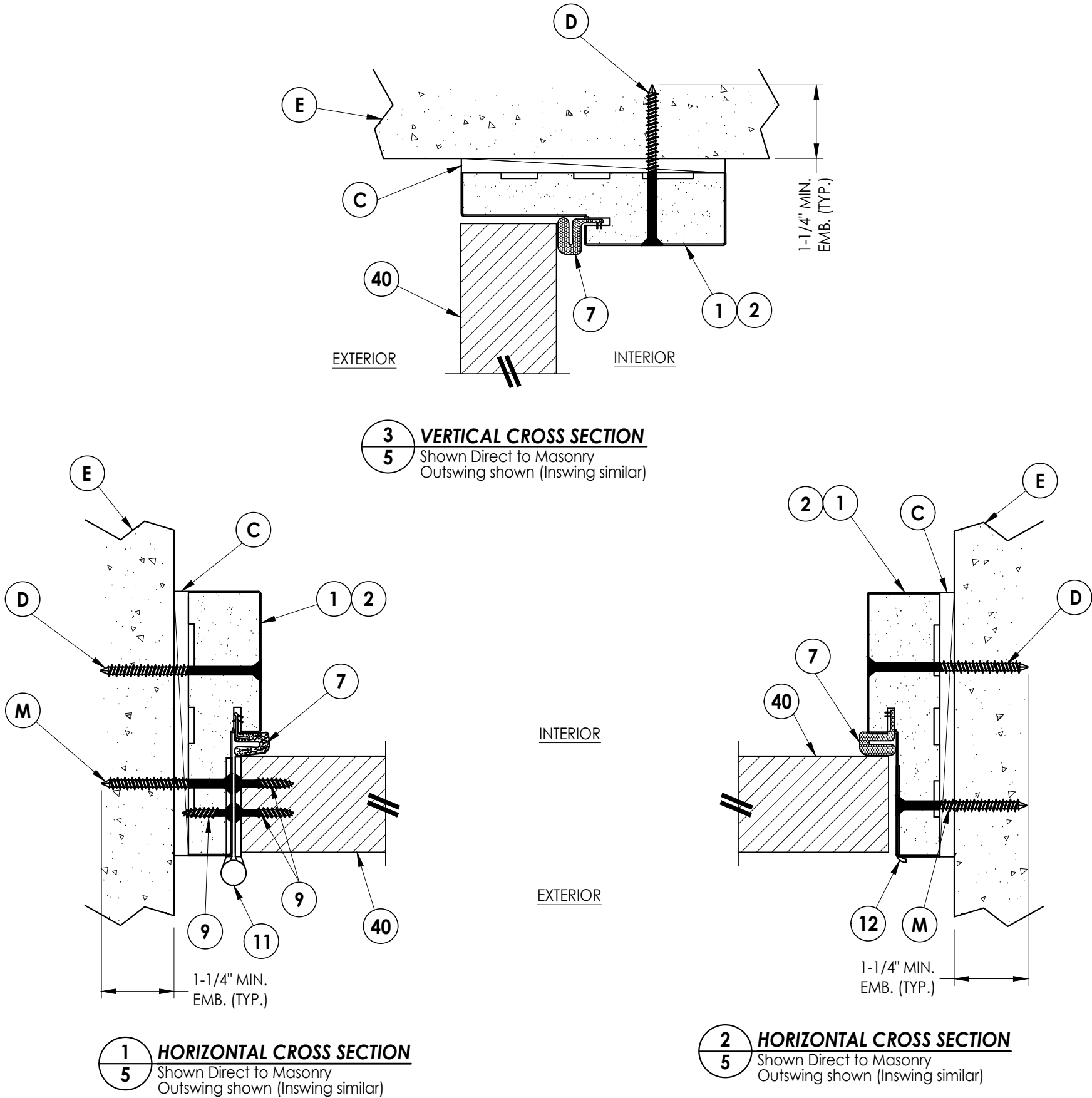
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

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

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DATE		NO.		DATE	
10/14/19		1		7/23/20	
SCALE: N.T.S.		2		8/10/23	
DWG. BY: TRJ		3		7/01/26	
CHK. BY: LFS		BY		LFS	
DRAWING NO.: FL-28685.10		REVISIONS		FBC	
SHEET 5 OF 9				FBC	

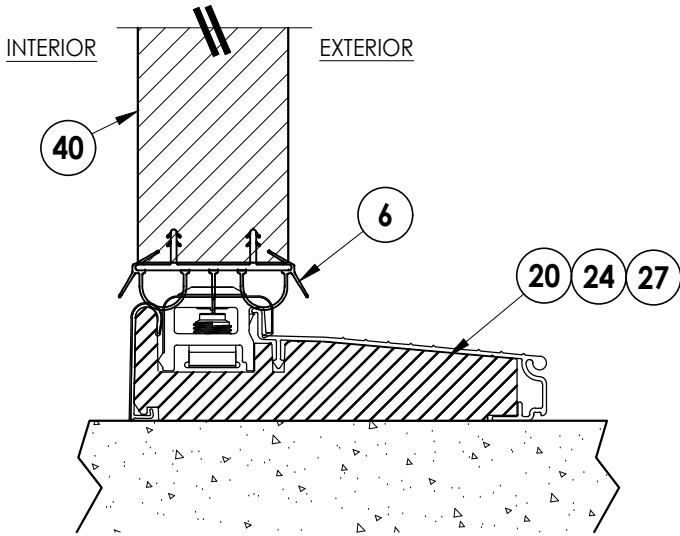
PRODUCT:	
PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:	
HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	

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

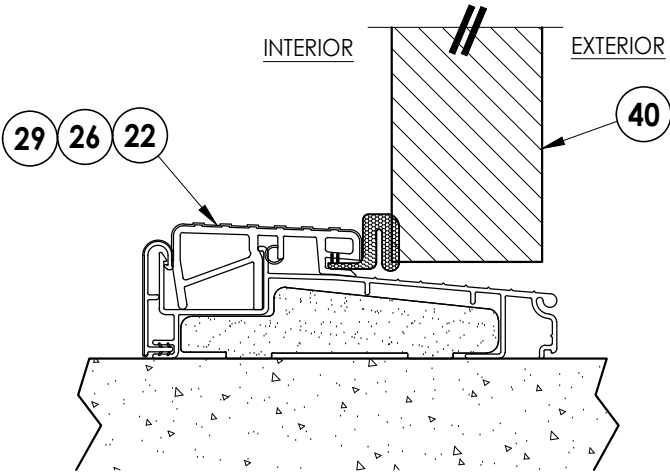
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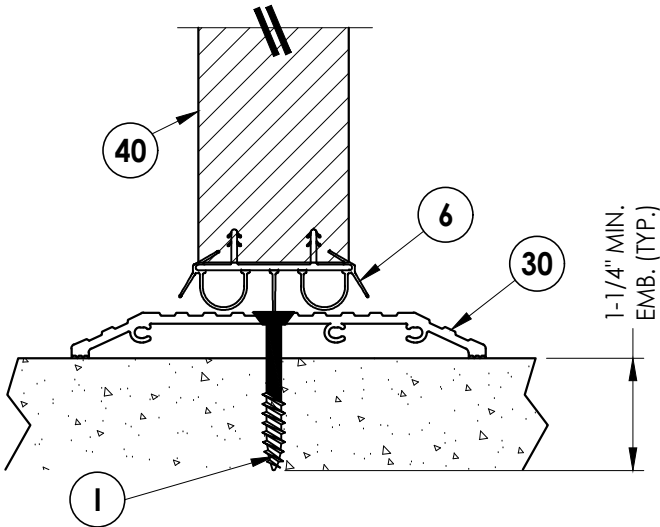
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1
6 VERTICAL CROSS SECTION
Inswing sill



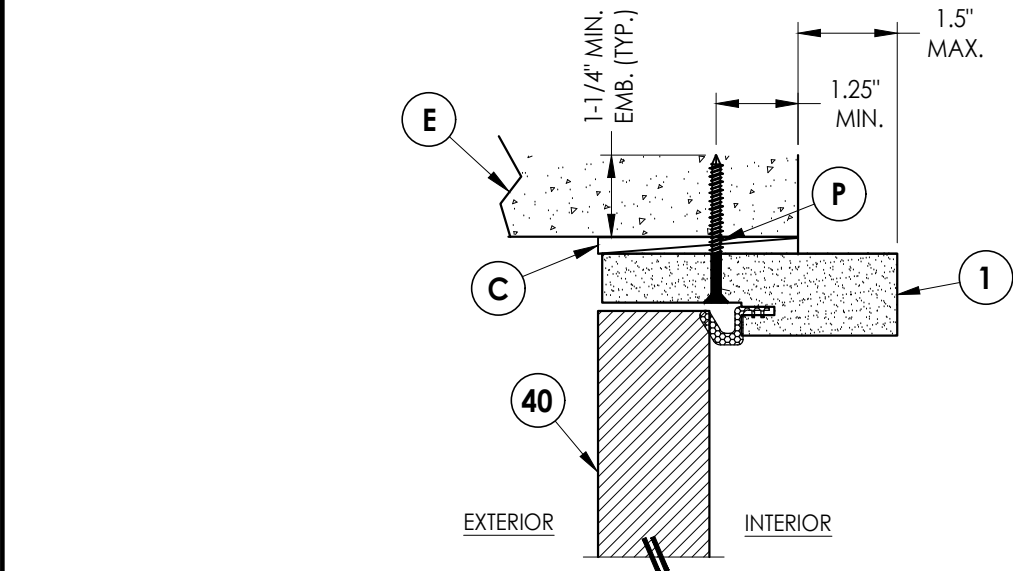
2
6 VERTICAL CROSS SECTION
Outswing sill



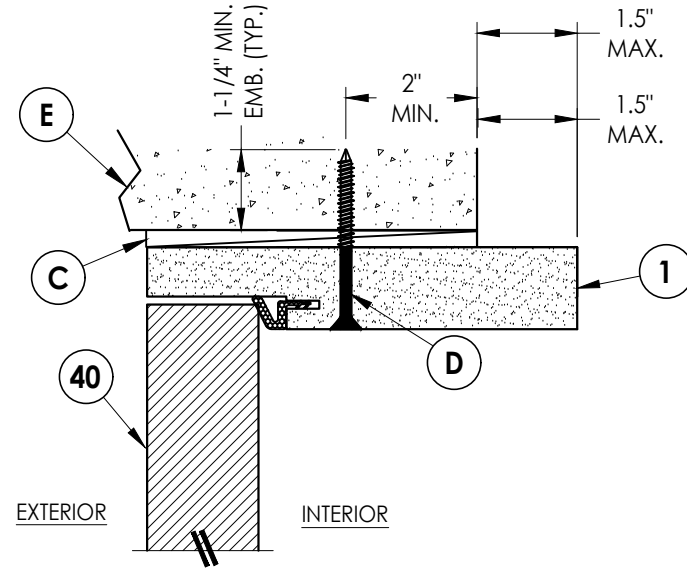
3
6 VERTICAL CROSS SECTION
ADA Sill

PRODUCT:				PART OR ASSEMBLY:			
PLASTPRO INC. FIBERGLASS DOOR				VERTICAL CROSS SECTIONS (THRESHOLDS)			
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
NO.	DATE			BY			
				REVISIONS			
DATE: 10/14/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-28685.10							
SHEET 6 OF 9							
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 License No. 9813			

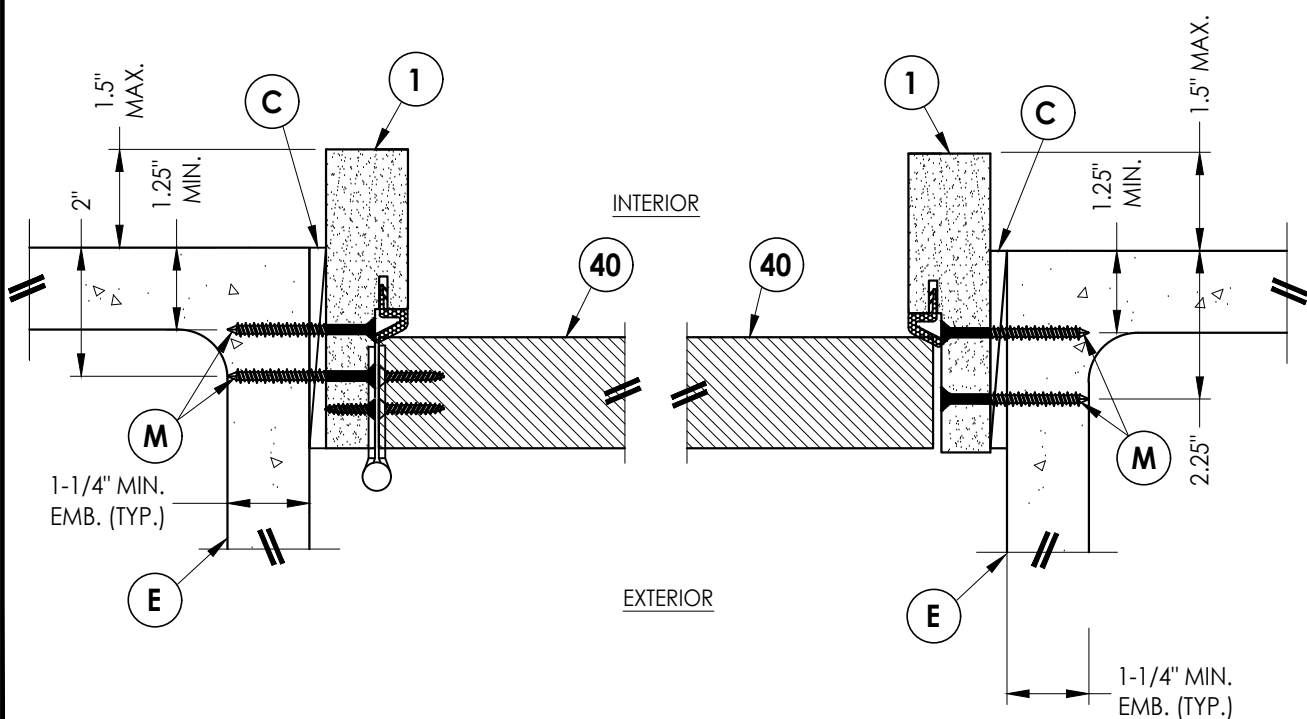
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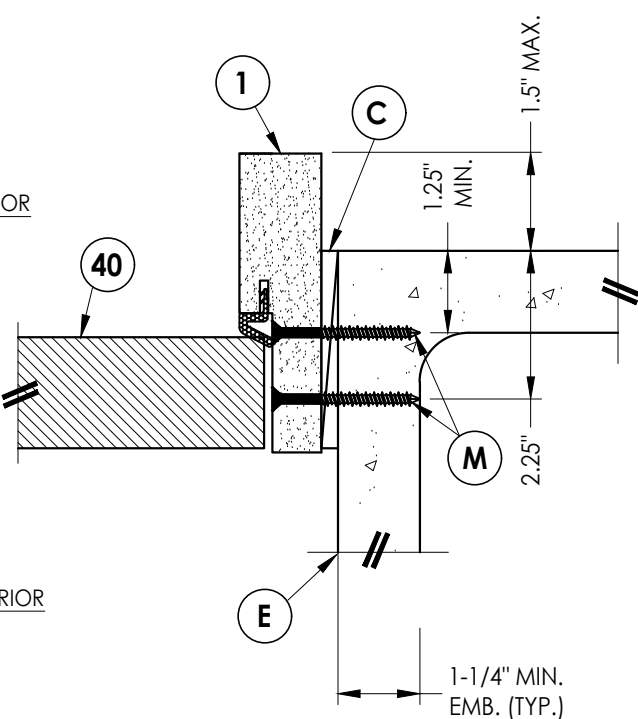
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



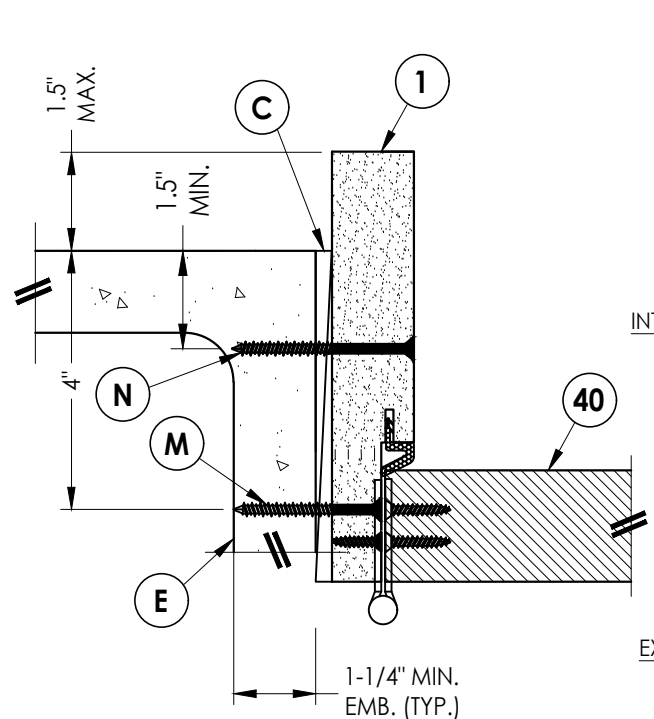
6 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



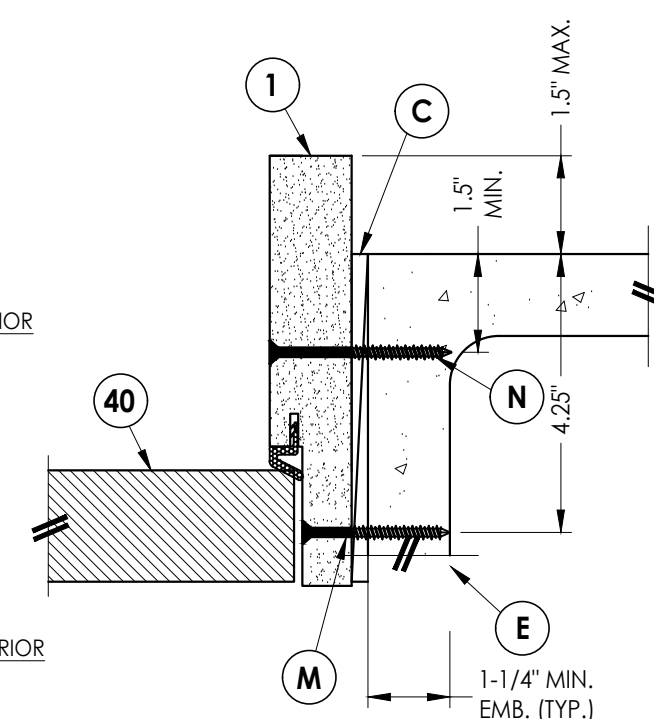
1 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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

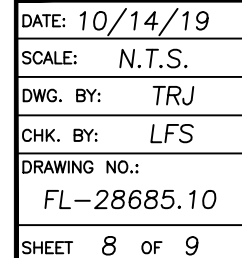


3 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
REVISIONS		DATE		BY	
3		7/01/26		LFS	
2		8/10/23		FBC	
1		7/23/20		FBC	
NO.		DATE		BY	
DATE: 10/14/19		SCALE: N.T.S.		DWG. BY: TRJ	
CHK. BY: LFS		DRAWING NO.: FL-28685.10		SHEET 7 OF 9	



PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING

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

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	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 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
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
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	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
2	FINGER JOINT PINE JAMB	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP	FOAM
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	10-32 X 3/8" PFH MACHINE SCREW	STEEL
15	#12 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
20	INSWING THRESHOLD	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
24	INSWING THRESHOLD	ALUM/COMP
26	OUTSWING THRESHOLD	ALUM/COMP
27	INSWING THRESHOLD	ALUM/WOOD
29	OUTSWING THRESHOLD	ALUM/WOOD
30	ADA THRESHOLD	ALUM
40	DOOR PANEL	-

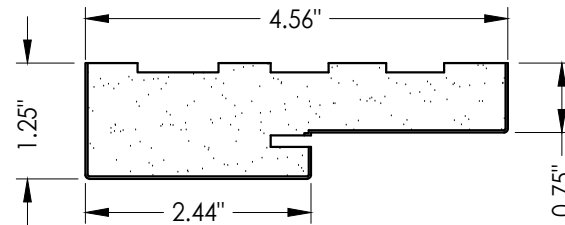
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

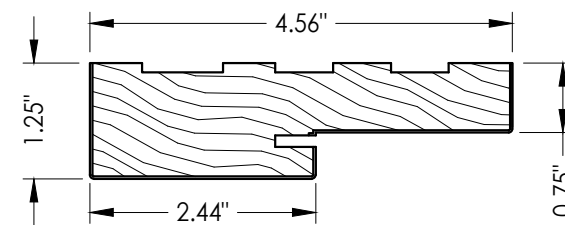
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

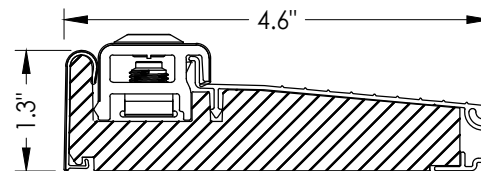
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



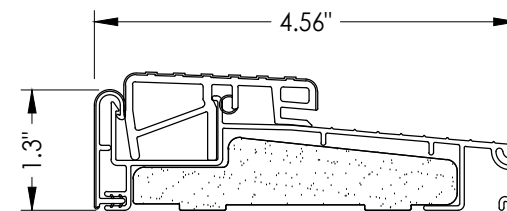
1 POLY FIBER JAMB
Plastpro PF Jamb



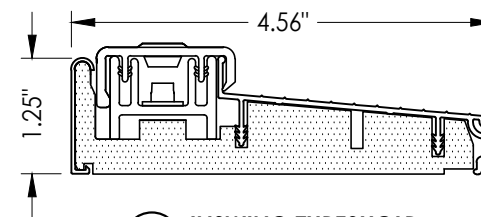
2 FINGER JOINT PINE JAMB



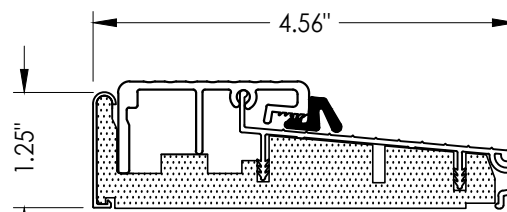
20 INSWING THRESHOLD



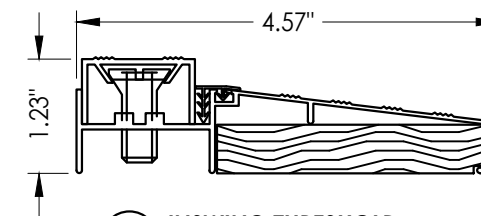
22 OUTSWING THRESHOLD



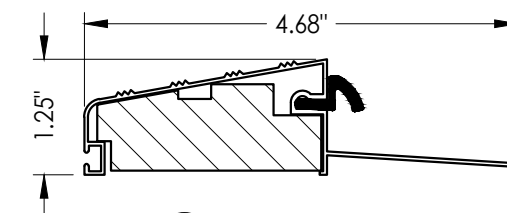
24 **IN SWING THRESHOLD**
Columbia



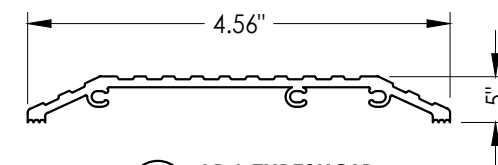
26 **OUTSWING THRESHOLD**
Columbia



27 **INSWING THRESHOLD**
DLP Industries



29 **OUTSWING THRESHOLD**
DLP Industries



30 **ADA THRESHOLD**
DLP Industries

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.

[illegible]