



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

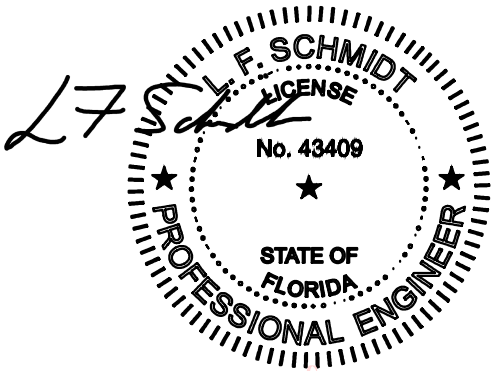
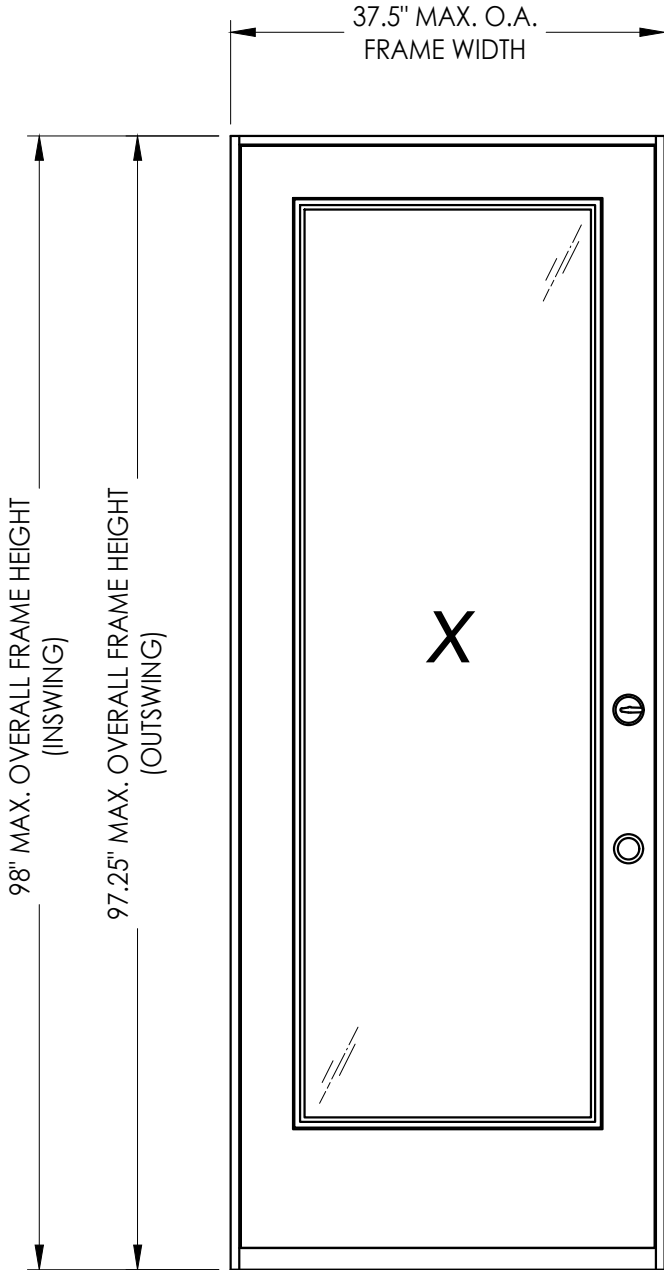
DIRECT GLAZED FIBERGLASS DOORS
SINGLES
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 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 excludes 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
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 98.0"	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.10 16:34:42 -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

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-28685.14

SHEET 1 OF 9

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

2

8/10/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

1

7/23/20

UPDATE TO 7TH ED (2020)

FBC

LFS

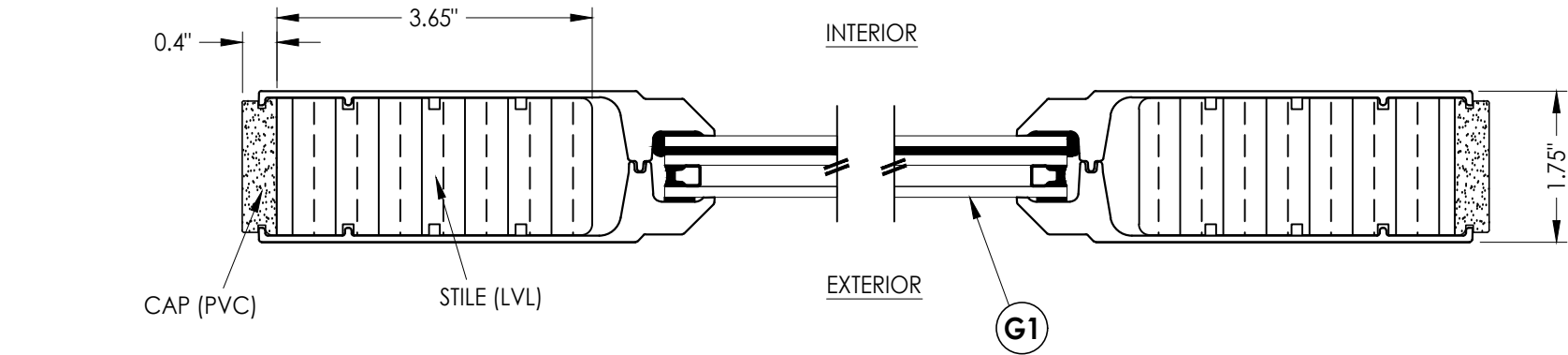
NO.

DATE

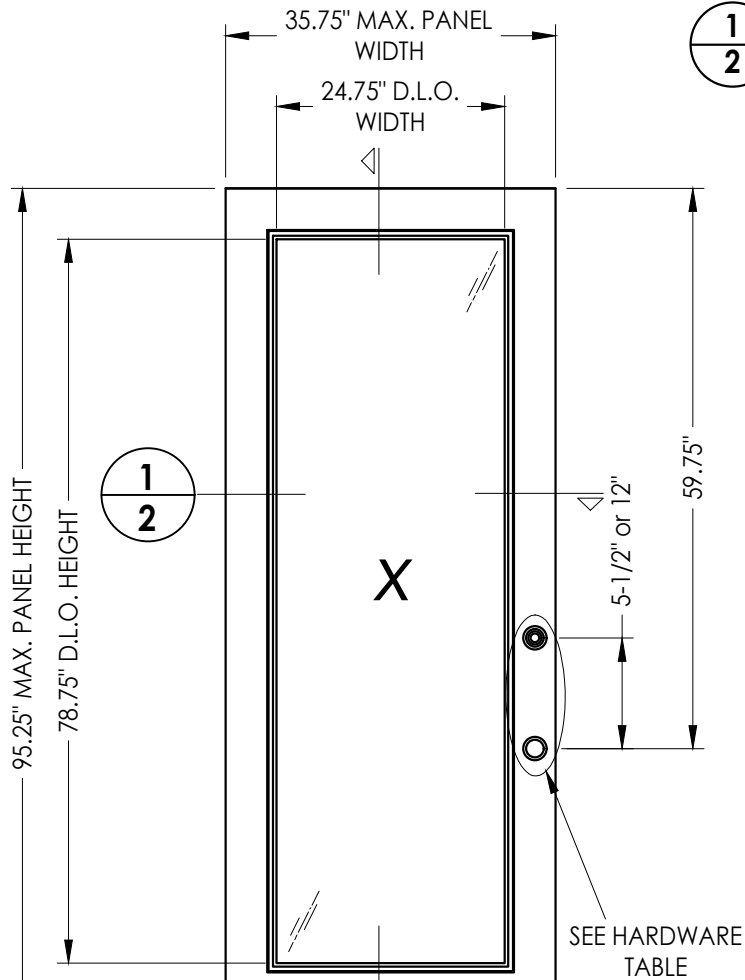
BY

REVISIONS

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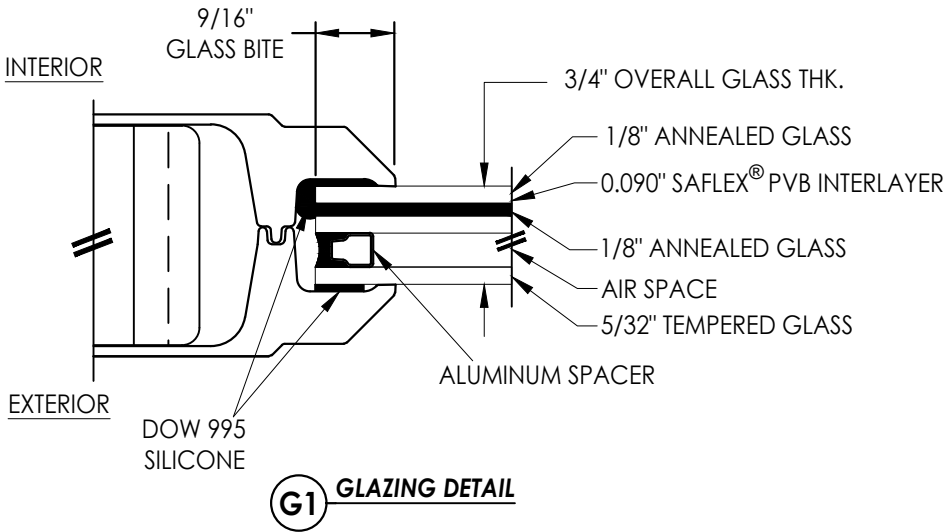


1
2 HORIZONTAL CROSS SECTION

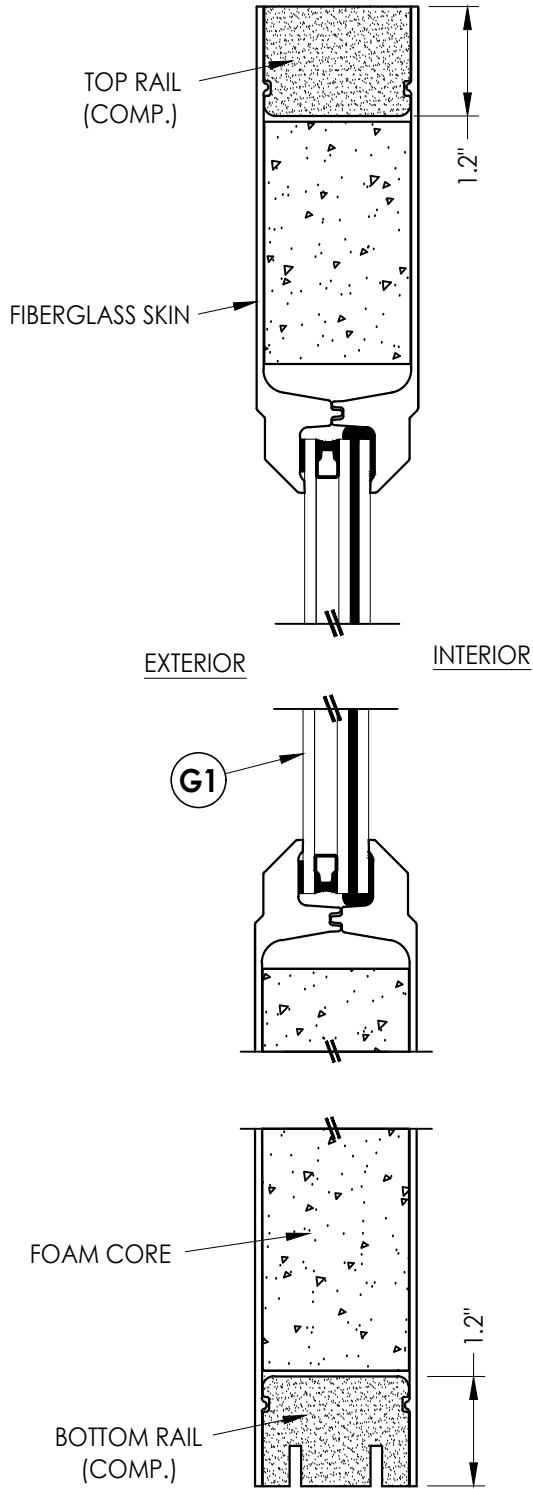


2
2
40 PLASTPRO DOOR PANEL

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
2 VERTICAL CROSS SECTION

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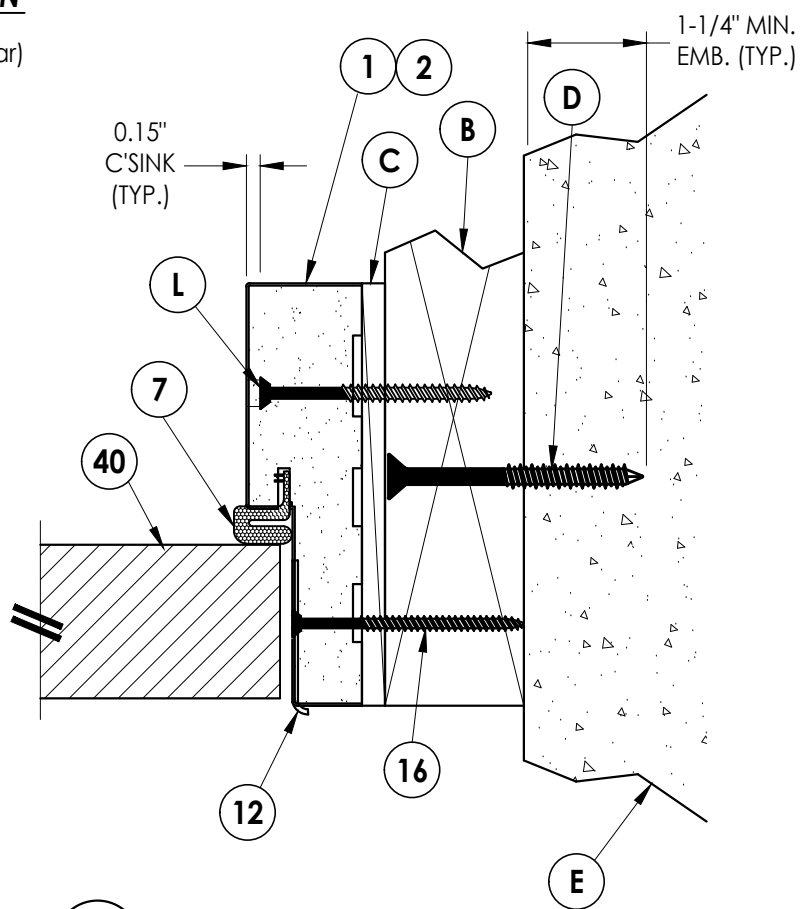
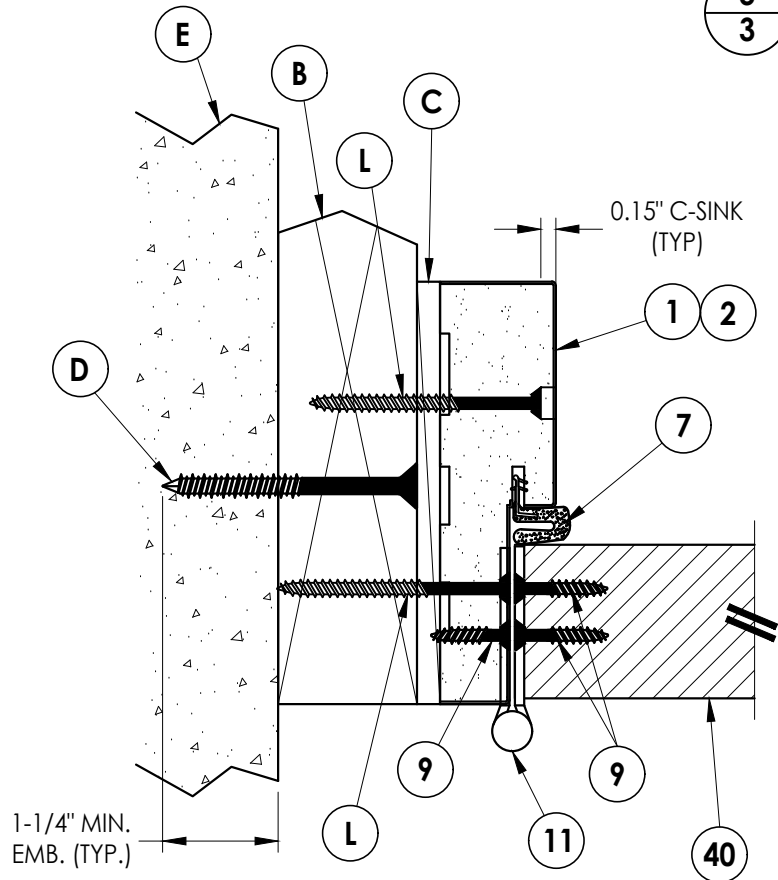
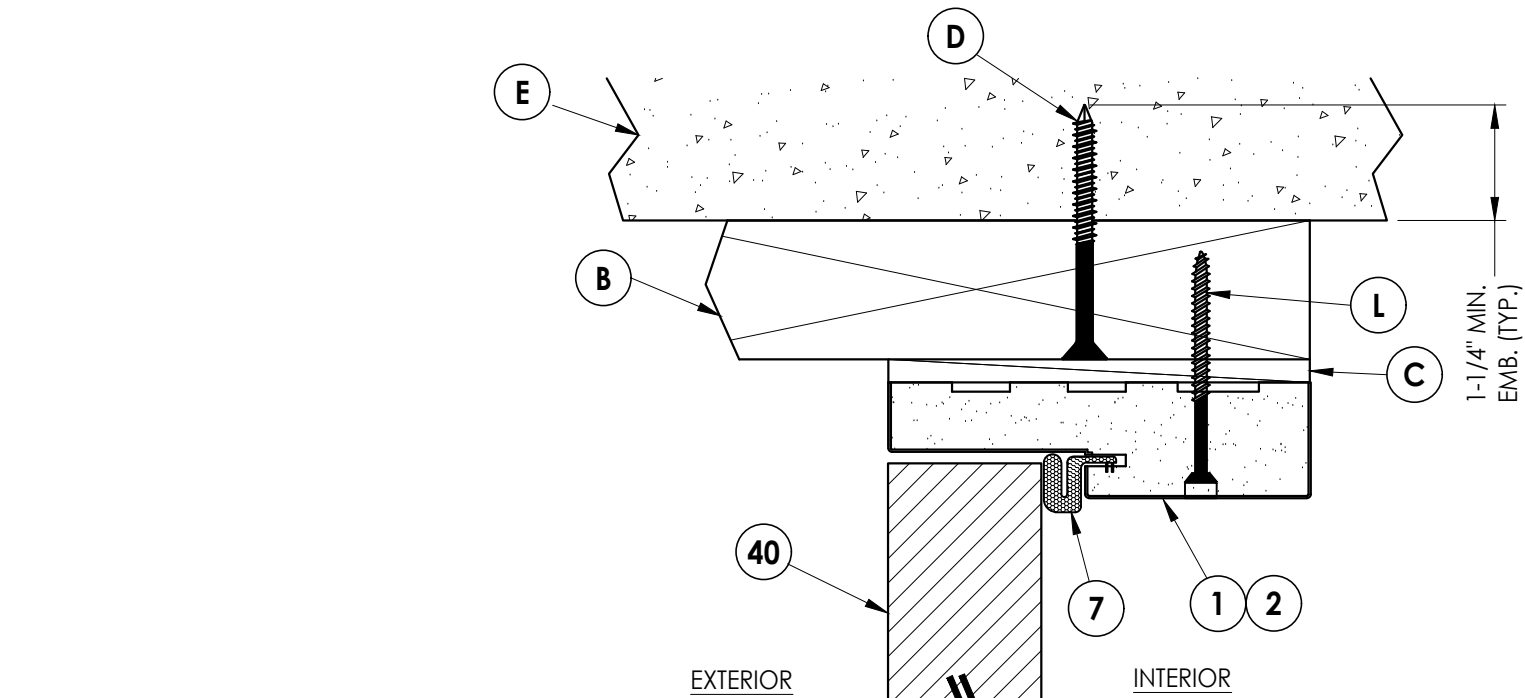
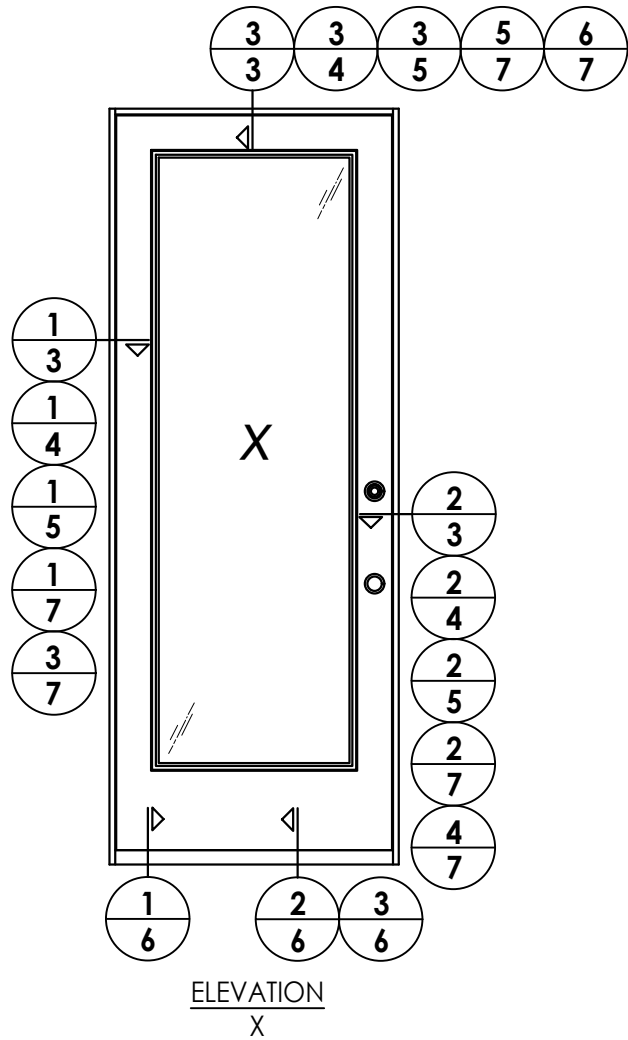
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

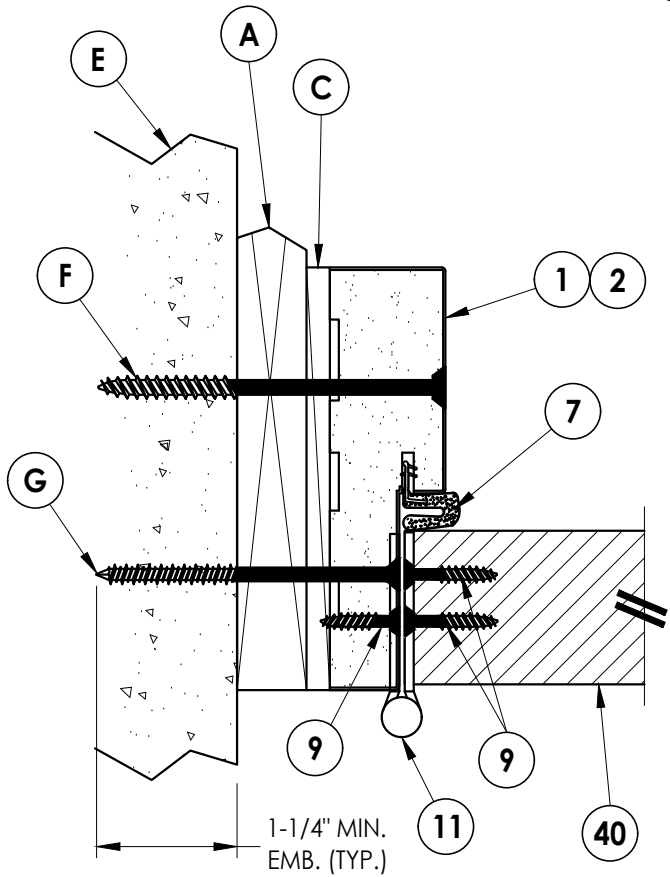
REVISIONS		DATE	BY	NO.
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS

DATE: 10/14/19
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-28685.14
SHEET 2 OF 9

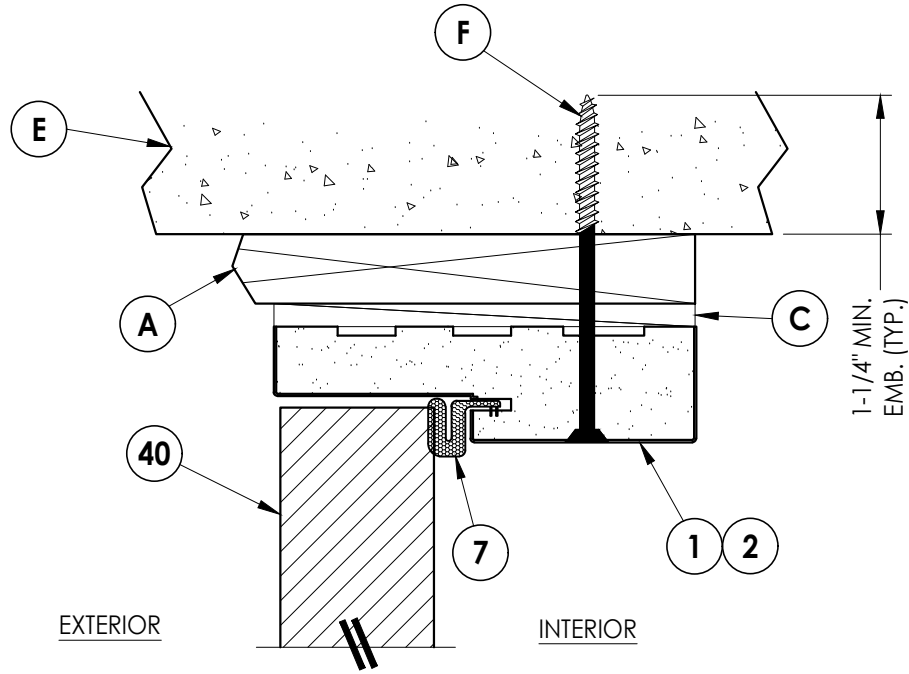
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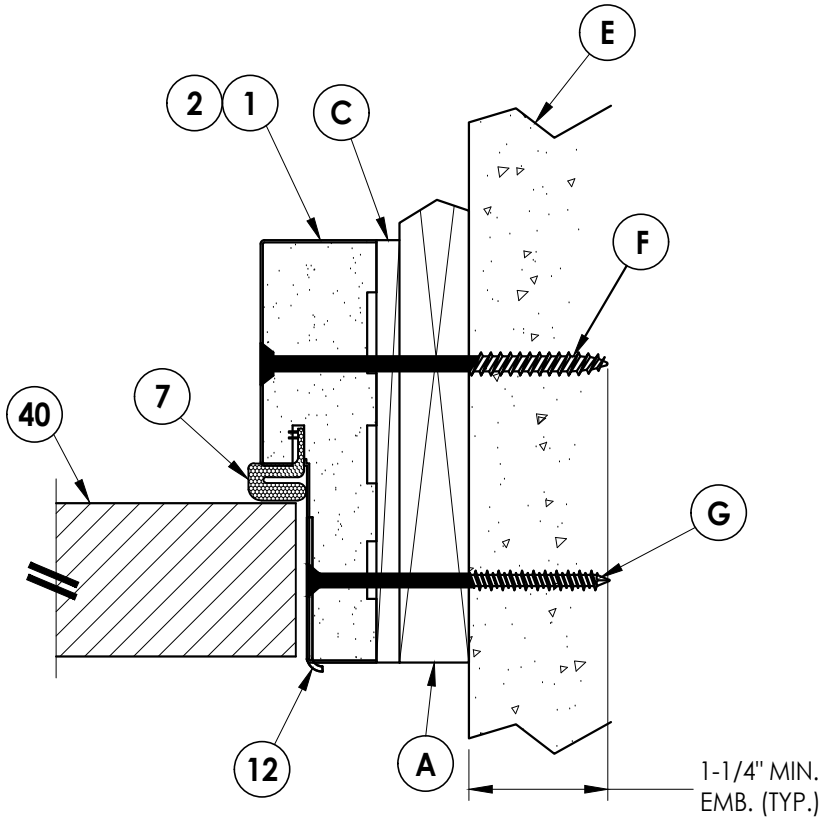
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1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)

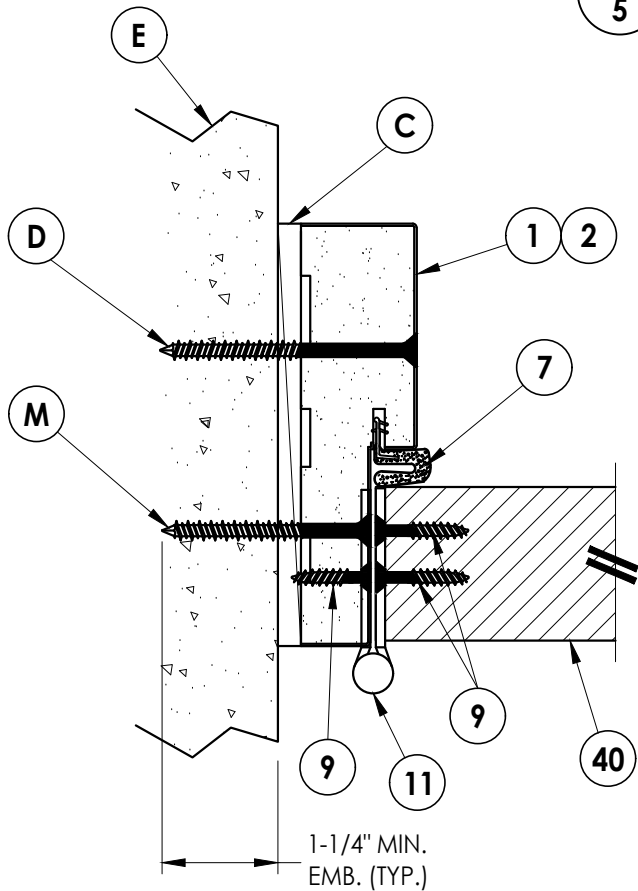


3
4 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



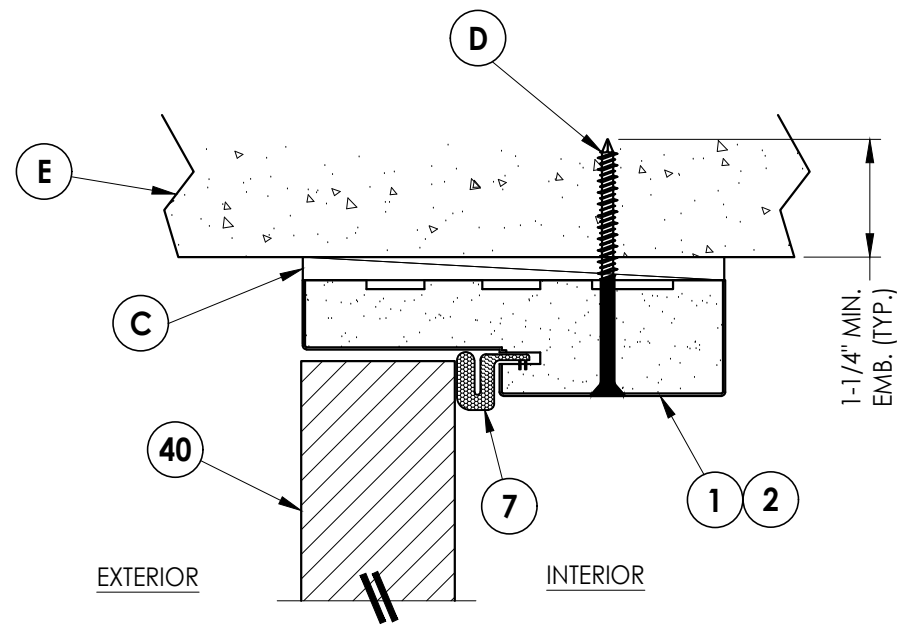
2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)

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 License No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
				LFS	FBC	REVISIONS	
				2	8/10/23	UPDATE TO 8TH ED. (2023)	
				1	7/23/20	UPDATE TO 7TH ED (2020)	
				NO.	DATE		BY
DATE: 10/14/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-28685.14							
SHEET 4 OF 9							



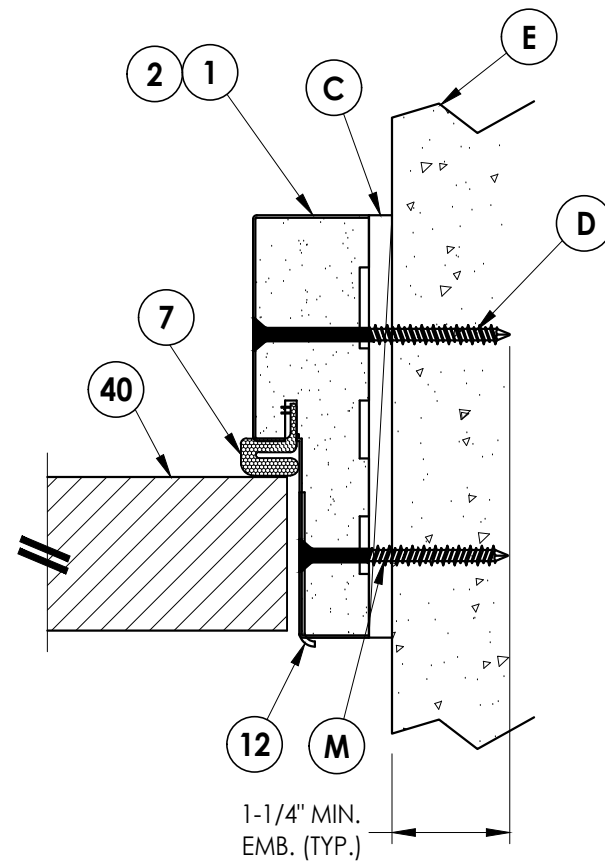
1 **HORIZONTAL CROSS SECTION**

5 Shown Direct to Masonry Outswing shown (Inswing similar)



3 VERTICAL CROSS SECTION

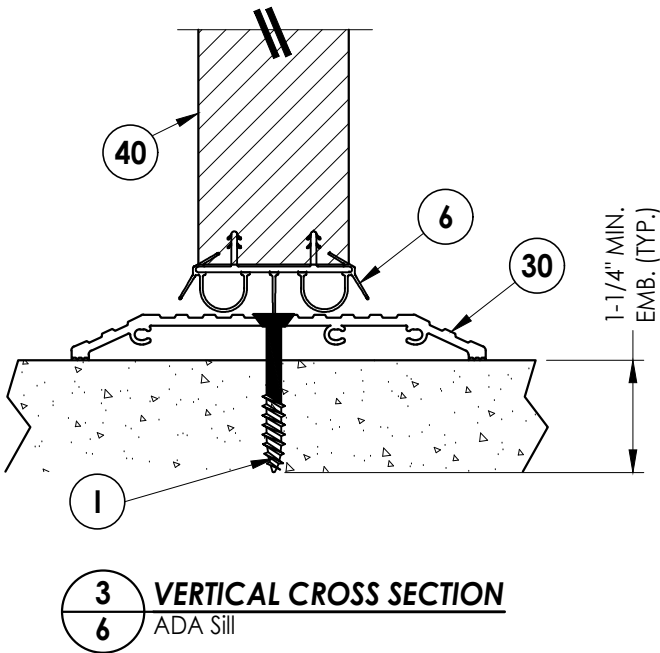
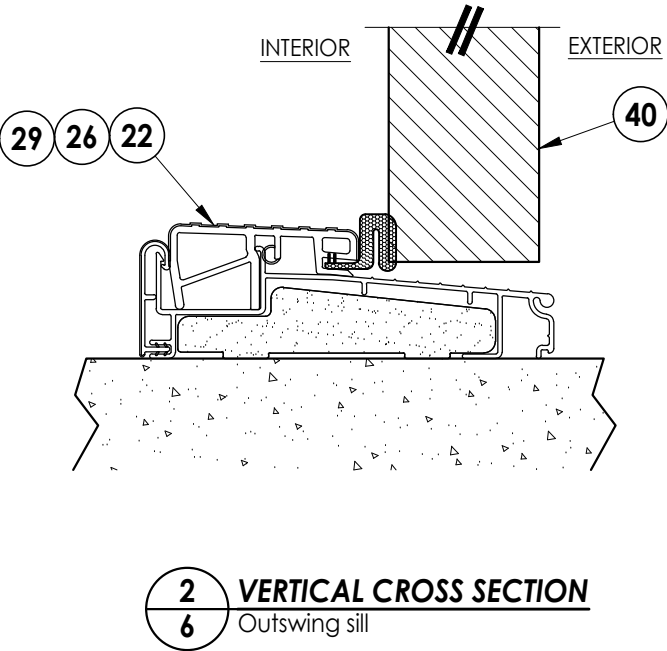
5 Shown Direct to Masonry
Outswing shown (Inswing similar)

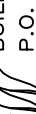


2 HORIZONTAL CROSS SECTION

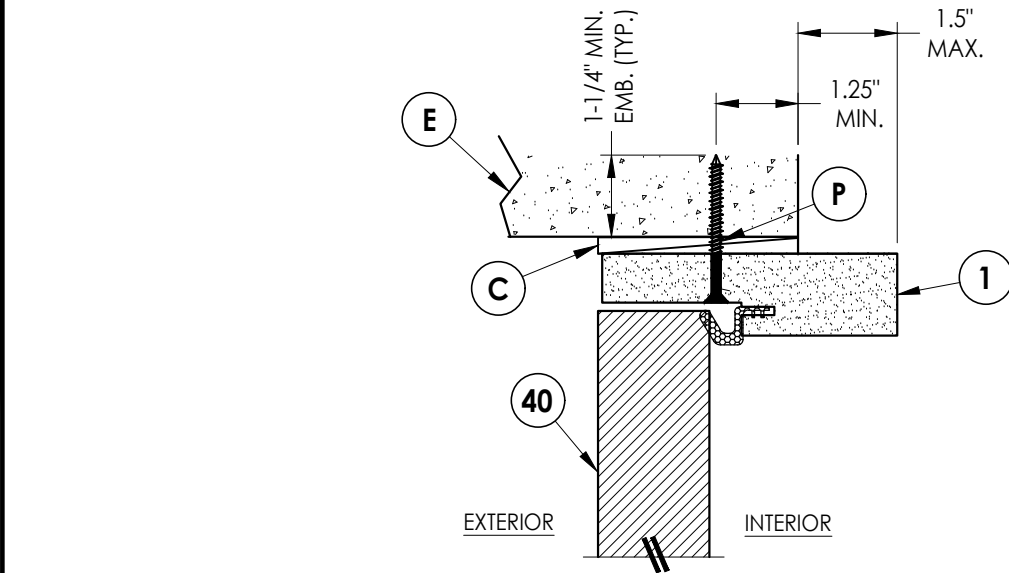
5 Shown Direct to Masonry
Outswing shown (Inswing similar)

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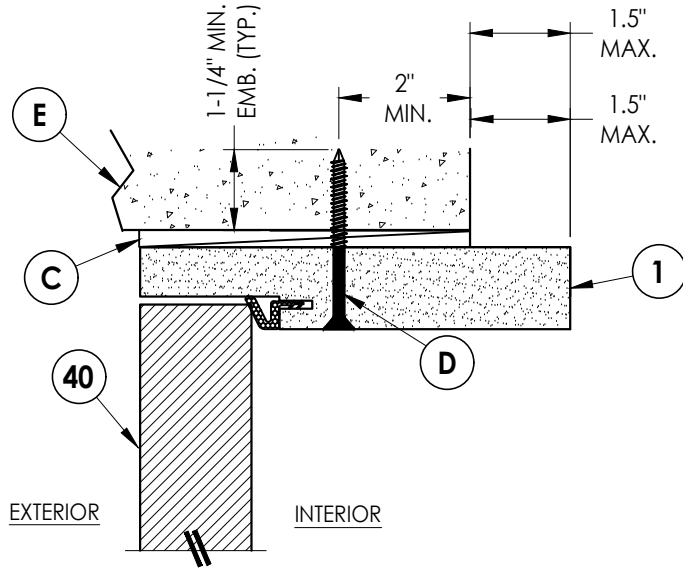


DATE: 10/14/19				DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-28685.14							
SHEET 6 OF 9							
				PRODUCT: PLASTPRO INC. FIBERGLASS DOOR			
				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)			
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			

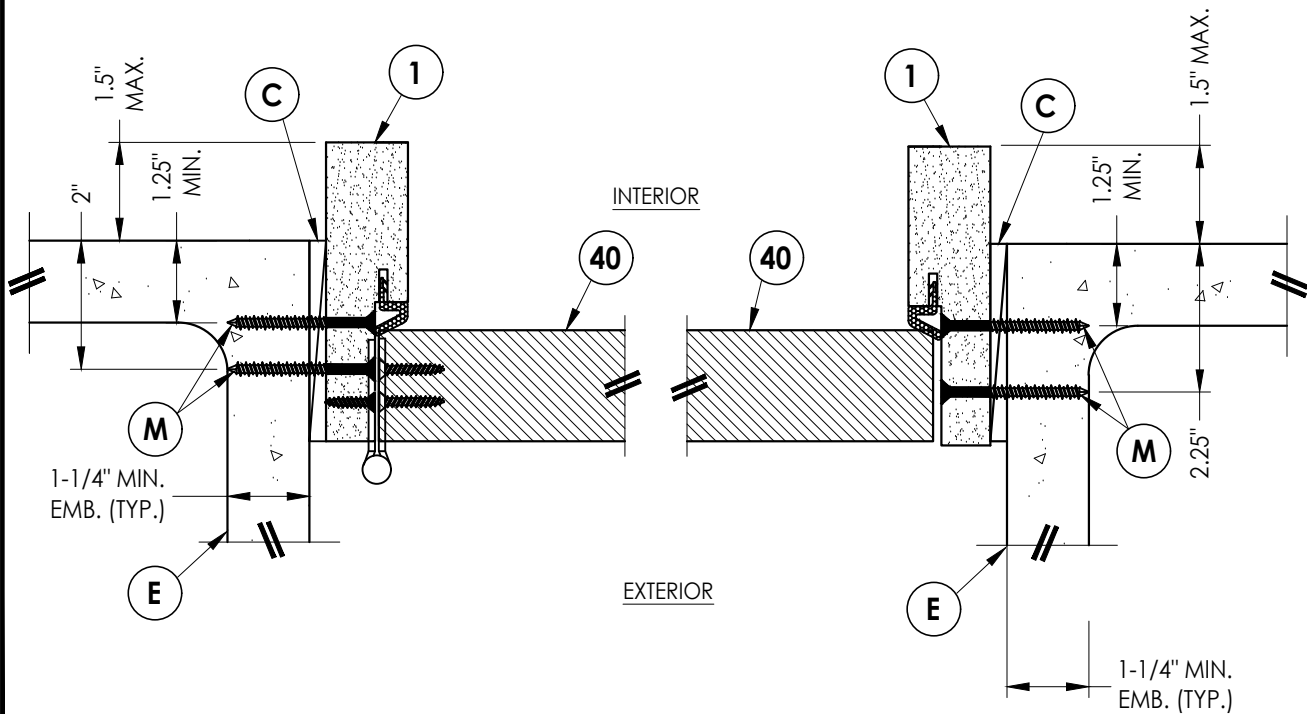
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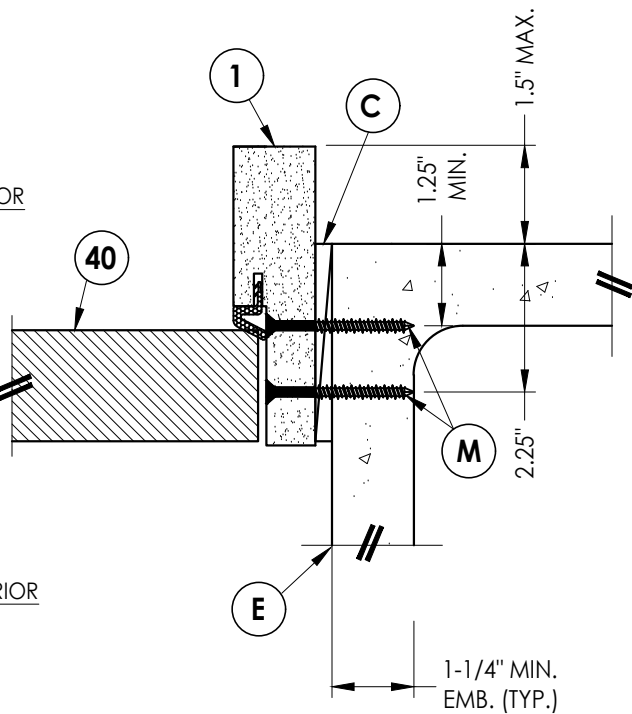
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



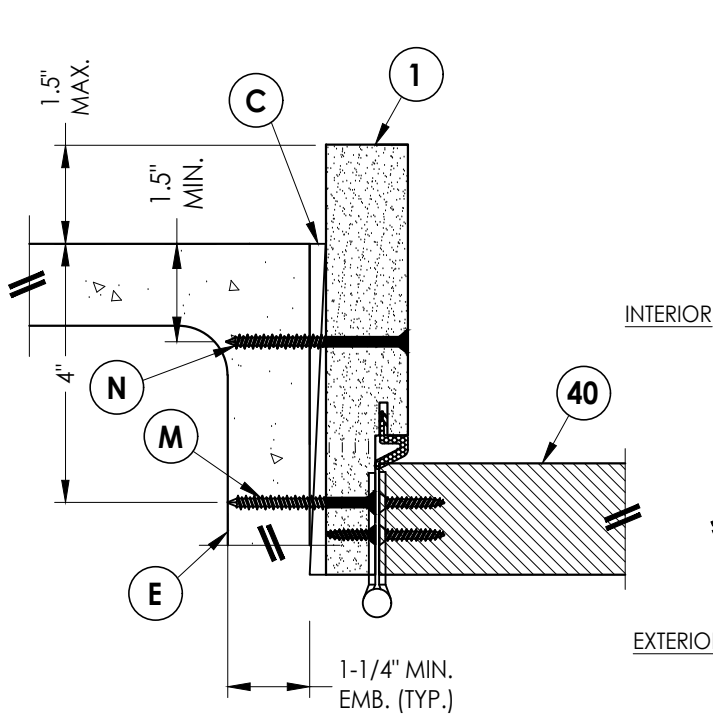
6 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



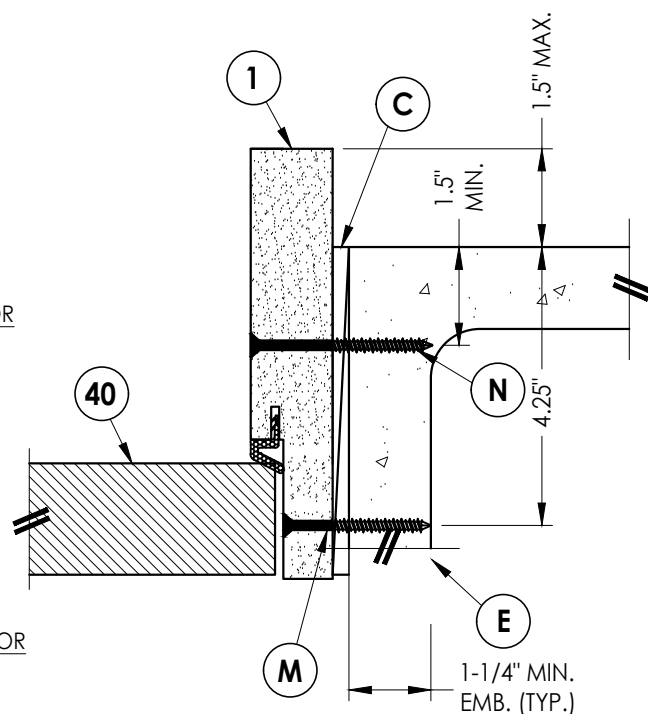
1 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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

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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED (2020) FBC
1		BY

DATE: 10/14/19

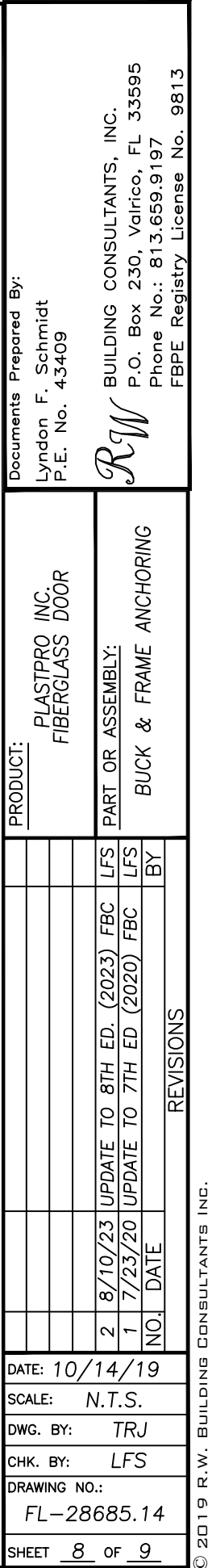
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DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.14

SHEET 7 OF 9



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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	-

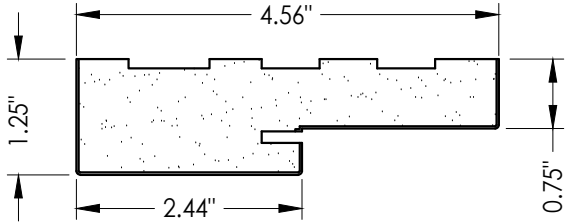
CONCRETE ANCHOR NOTES:

- 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:

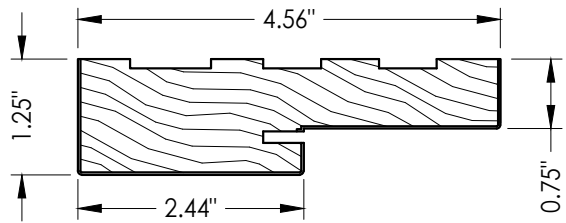
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

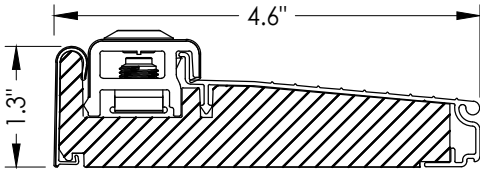
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



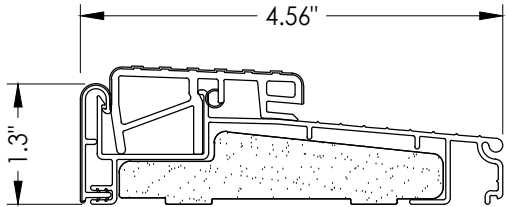
1 **POLY FIBER JAMB**
Plastpro PF Jamb



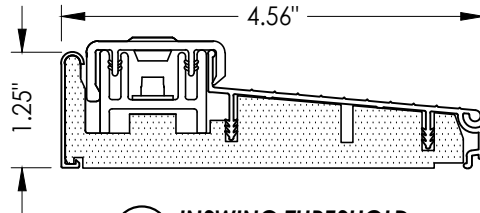
2 **FINGER JOINT PINE JAMB**



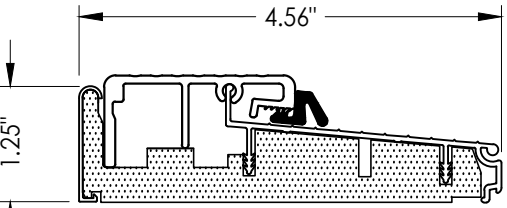
20 **INSWING THRESHOLD**
ENDURA "Z" Series



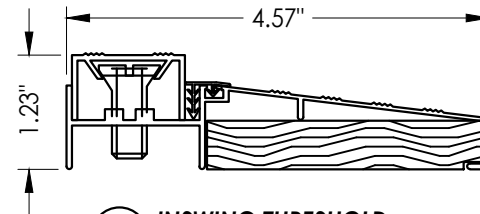
22 **OUTSWING THRESHOLD**
ENDURA "Z" Series



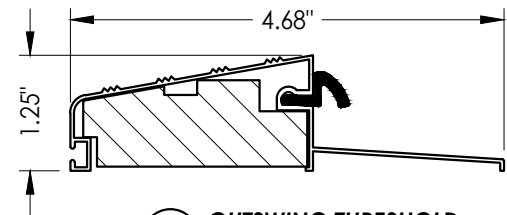
24 **INSWING THRESHOLD**
Columbia



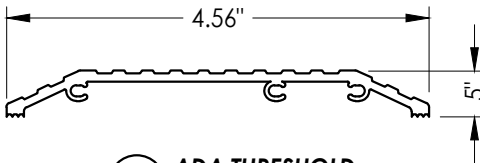
26 **OUTSWING THRESHOLD**
Columbia



27 **INSWING THRESHOLD**
DLP Industries



29 **OUTSWING THRESHOLD**
DLP Industries



30 **ADA THRESHOLD**
DLP Industries

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FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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SHEET 9 OF 9