



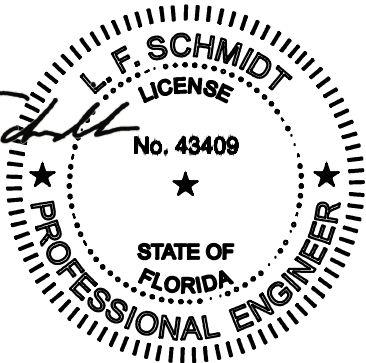
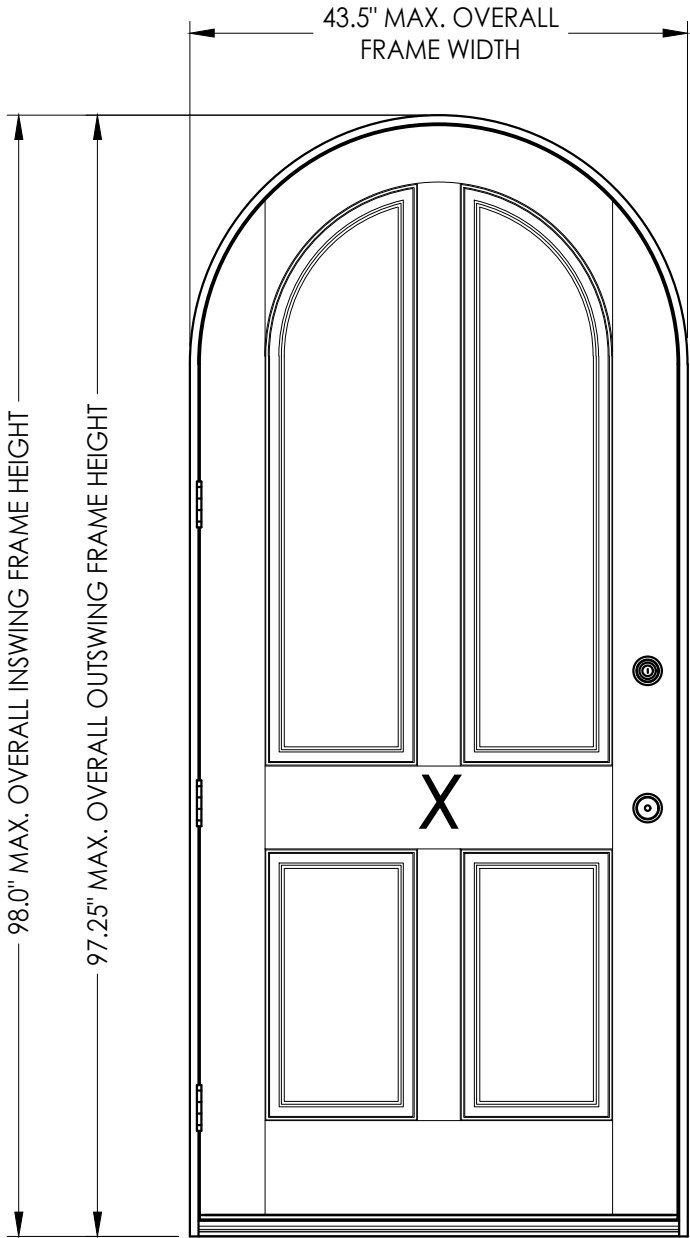
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / Mahogany / Rustic
Series Fiberglass Door
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
1	Typical elevation, 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	Buck and frame anchoring
8	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.28 13:27:40 -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	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
43.5" x 98.0"	43.5" x 98.0"	+70.0	-75.0	+70.0	-70.0

See Sheet 2 for hardware limits on Design Pressure (PSF).

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

PLASTPRO
FIBERGLASS DOOR

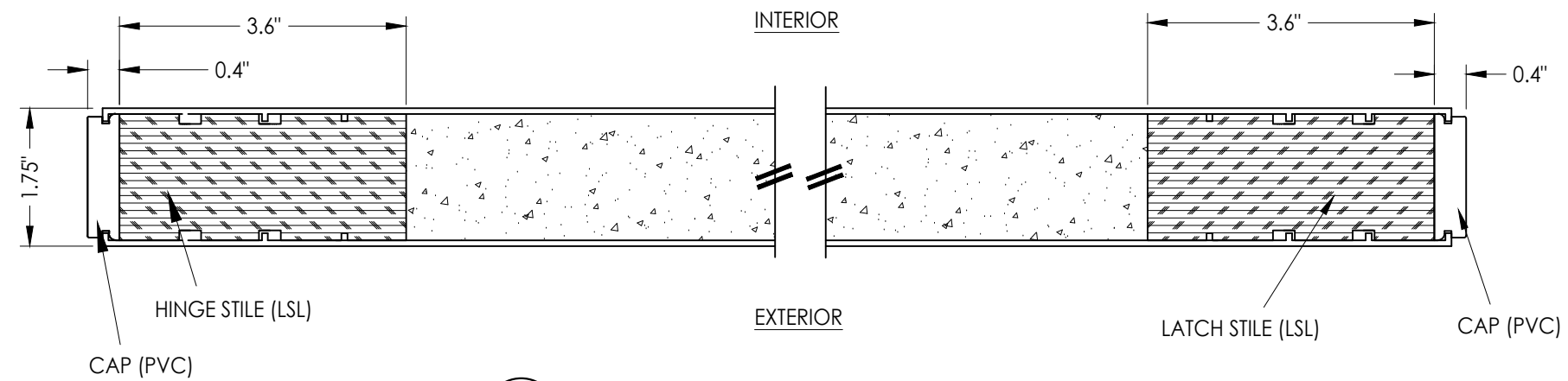
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

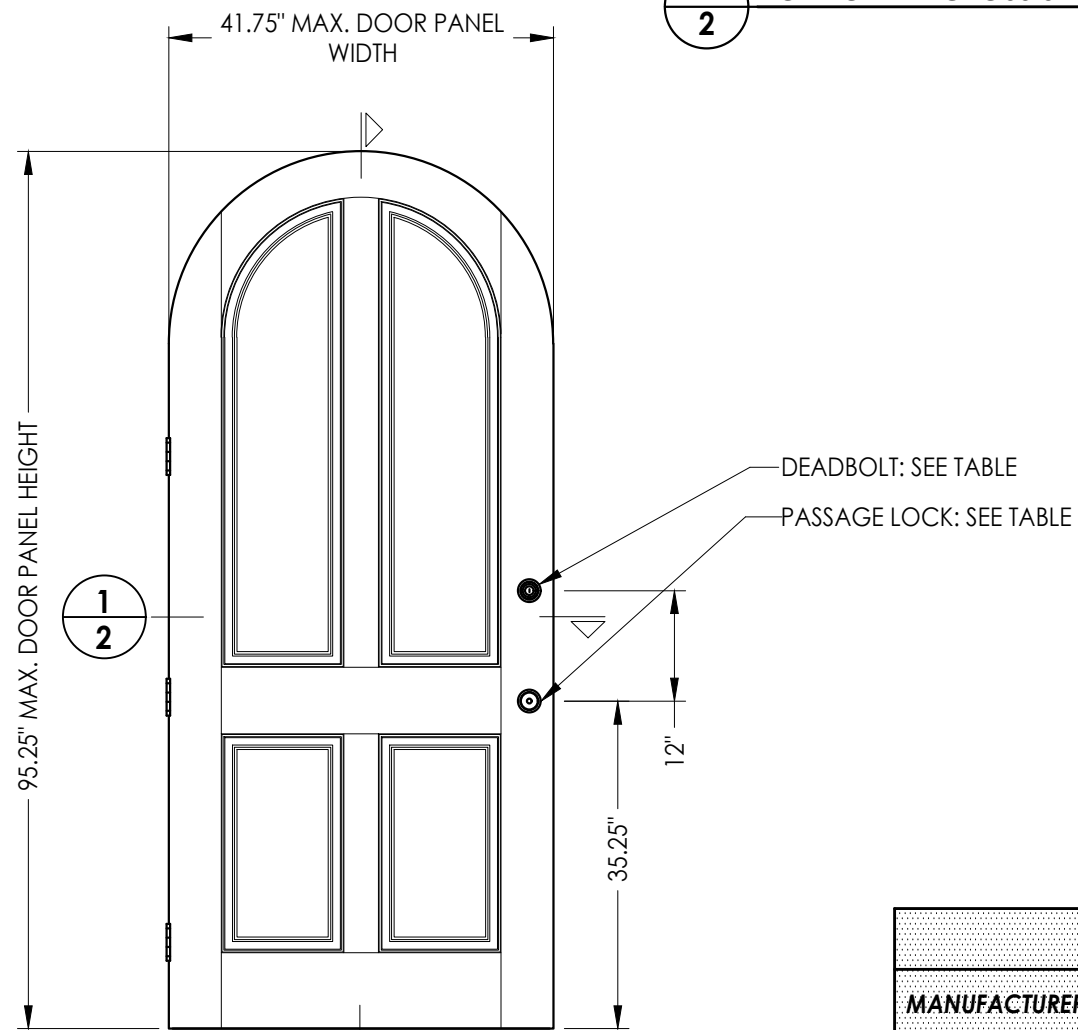
DATE: 4/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.9
SHEET 1 OF 8

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

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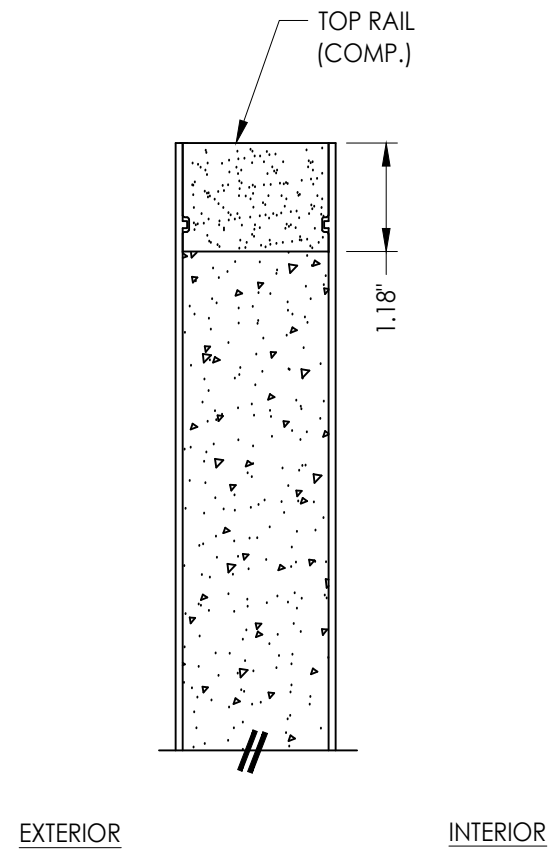
1 **HORIZONTAL CROSS SECTION**
2



2
2

40 DOOR PANEL
Plastpro
Fiberglass

HARDWARE TABLE		MAX. DESIGN PRESSURE (PSF)
MANUFACTURER	MODEL	
KWIKSET	ENTRY: SERIES (400) DEADBOLT: SERIES (660)	+70/-75
SCHLAGE	LOCK: F-SERIES DEADBOLT: B-SERIES	+70/-70



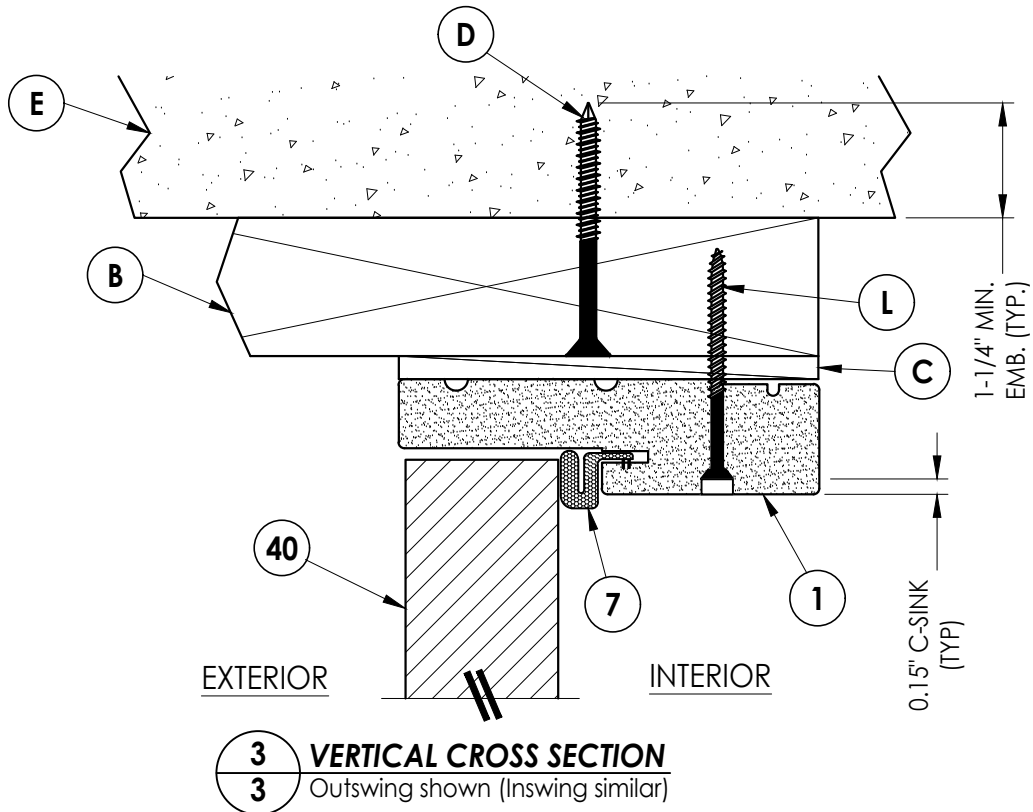
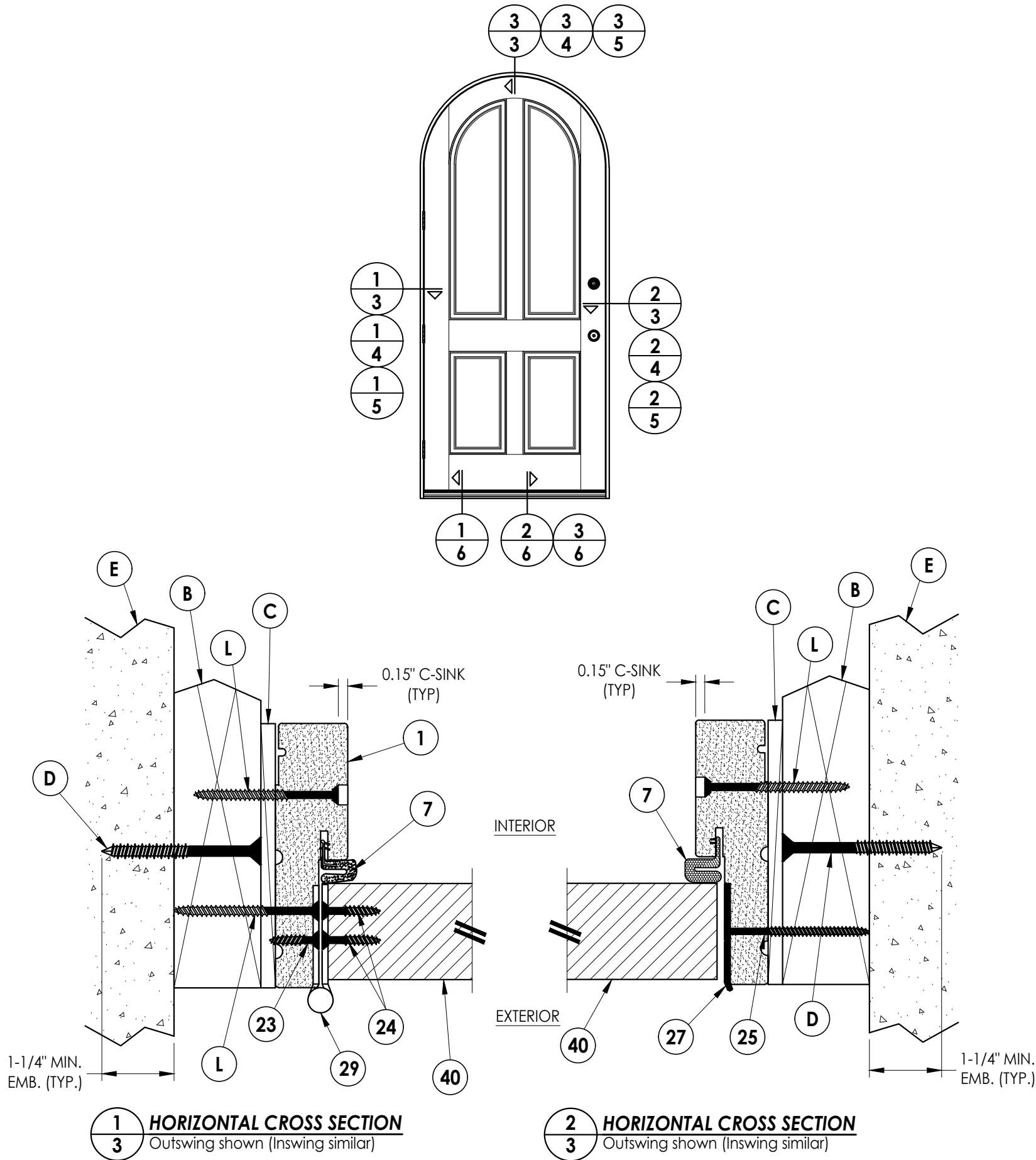
2 **VERTICAL CROSS SECTION**

[illegible]

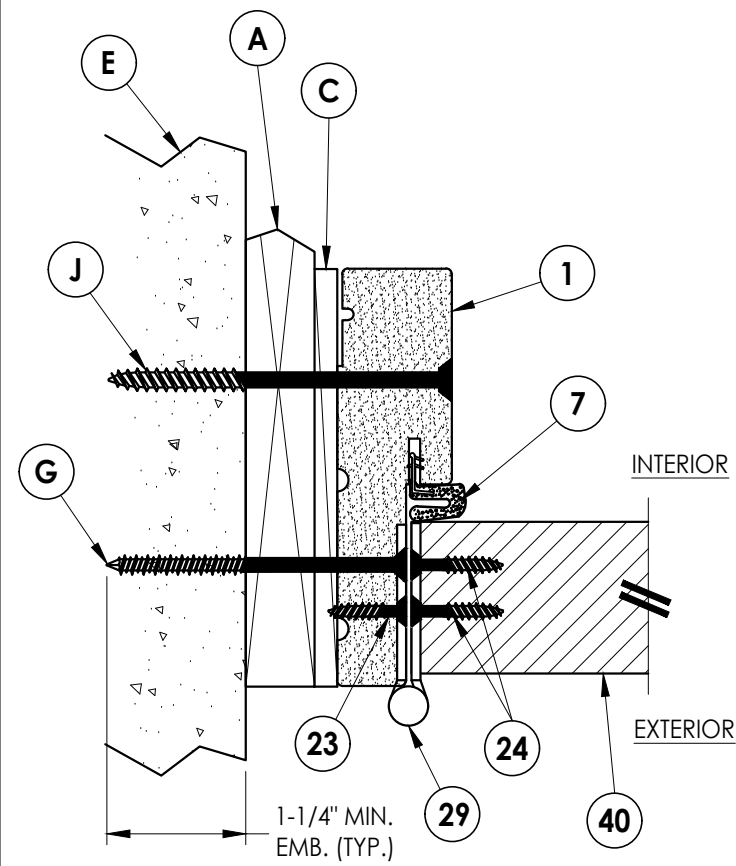
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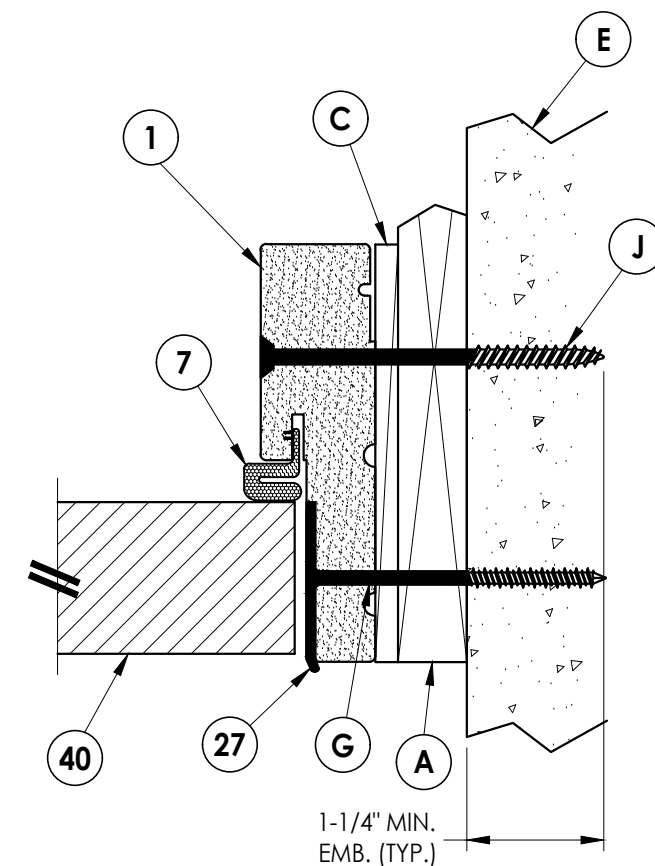


Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		PLASTPRO		FIBERGLASS DOOR	
DATE:		4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
SCALE:		3	8/14/23	UPDATE TO 8TH ED. (2023)	FBC LFS
DWG. BY:		2	7/23/20	UPDATE TO 7TH ED. (2020)	FBC LFS
CHK. BY:		1	7/24/17	UPDATE TO 6TH ED. (2017)	FBC JK
DRAWING NO.:		NO.		DATE	
SHEET		3		OF	
REVISIONS		BY		DATE	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL		CROSS SECTIONS (2X BUCK)	
BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
Lyndon F. Schmidt		P.E. No. 43409		FBPE Registry No. 9813	

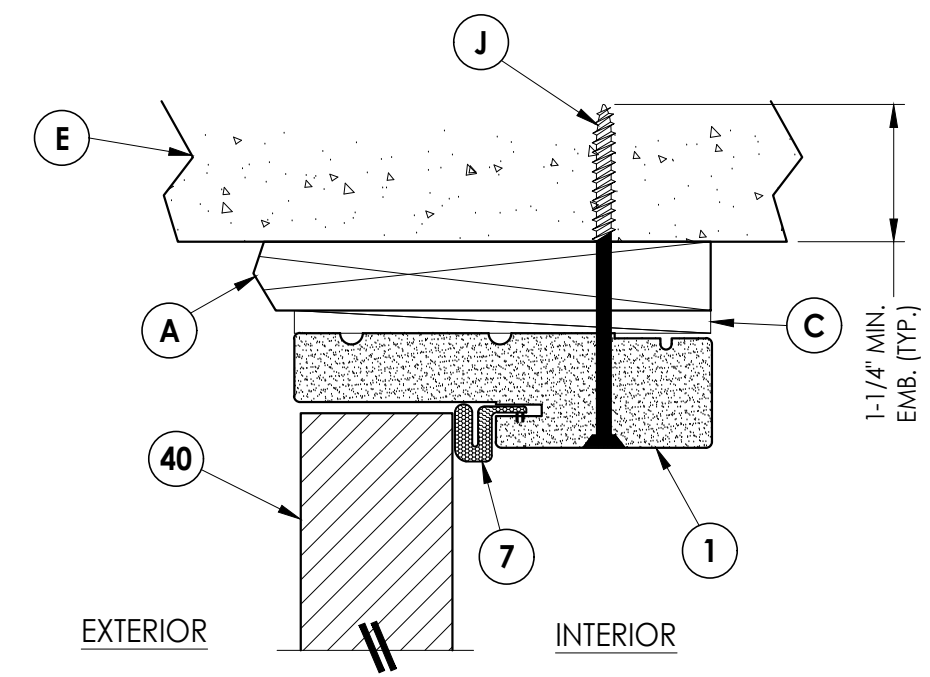


1 4 **HORIZONTAL CROSS SECTION**

Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



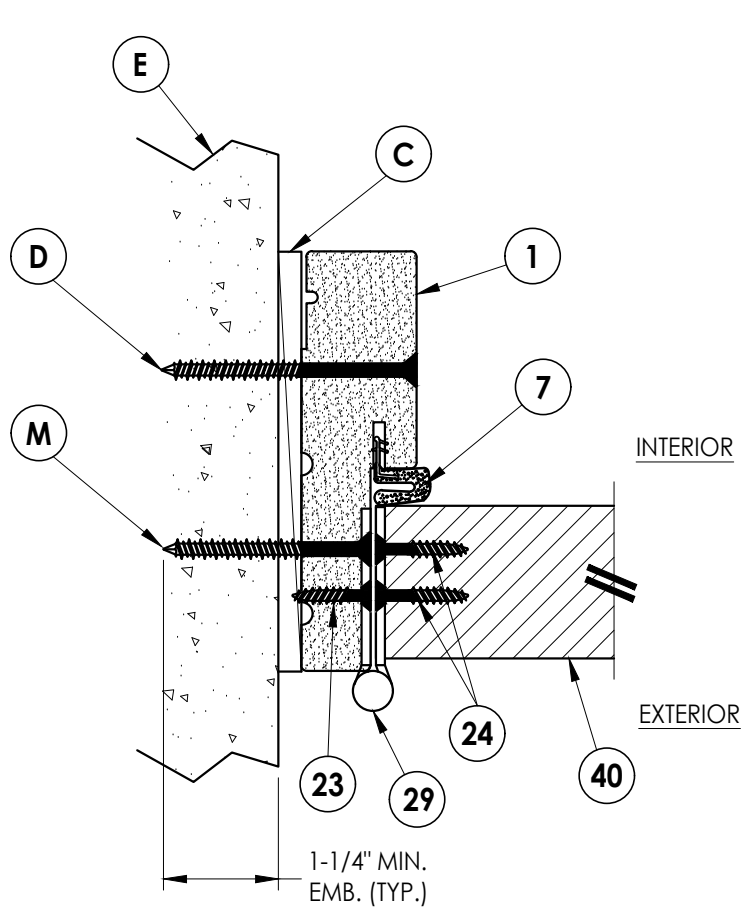
2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)



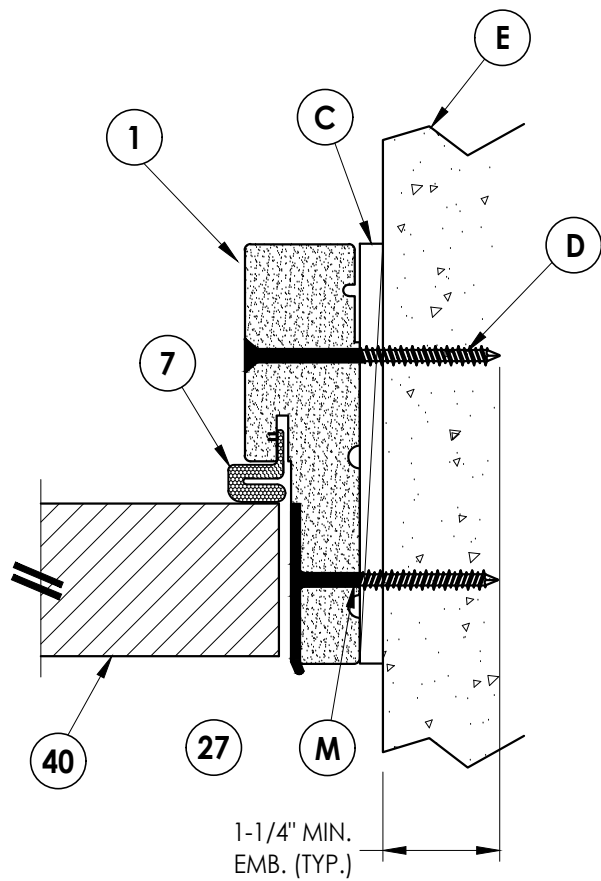
3 VERTICAL CROSS SECTION
4 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

DATE: 4/14/16		SHEET 4 OF 8	
DRAWING NO.: FL-15209.9		CHK. BY: LFS	
DWG. BY: JK		SCALE: N.T.S.	
REVISIONS			
NO.	DATE		
1	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
2	7/23/20	UPDATE TO 7TH ED (2020)	FBC
3	8/14/23	UPDATE TO 8TH ED. (2023)	FBC
4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
			LFS
PRODUCT: PLASTPRO FIBERGLASS DOOR			
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
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			

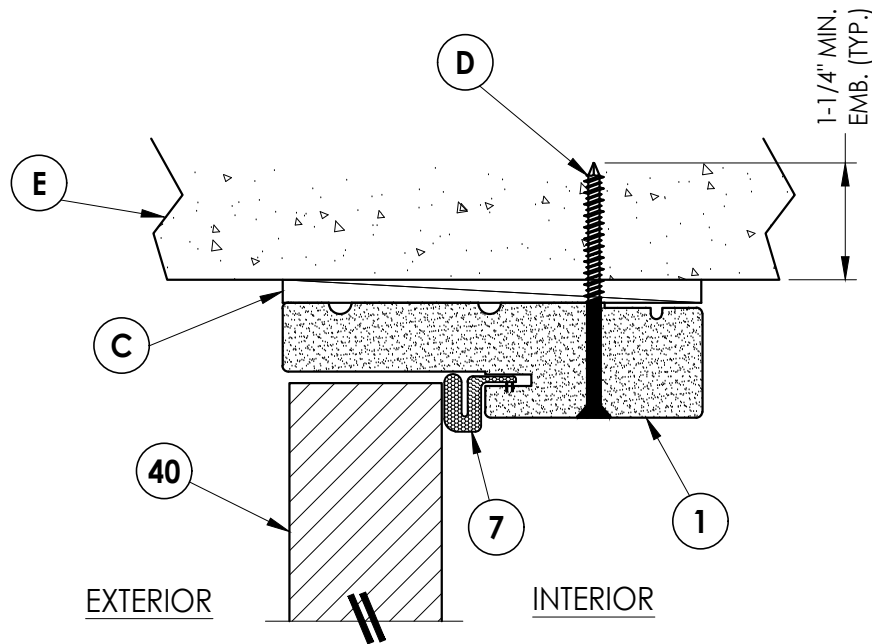
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1
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.9

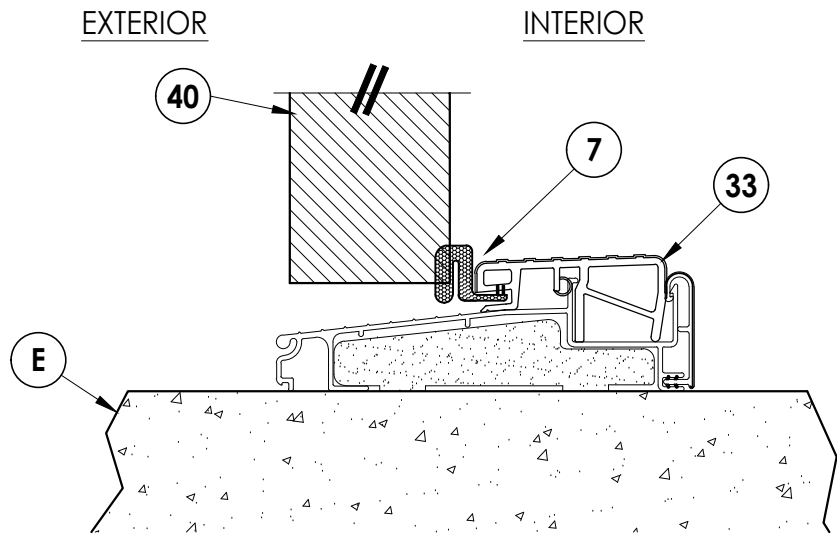
SHEET 5 OF 8

PRODUCT:
PLASTPRO
FIBERGLASS DOOR

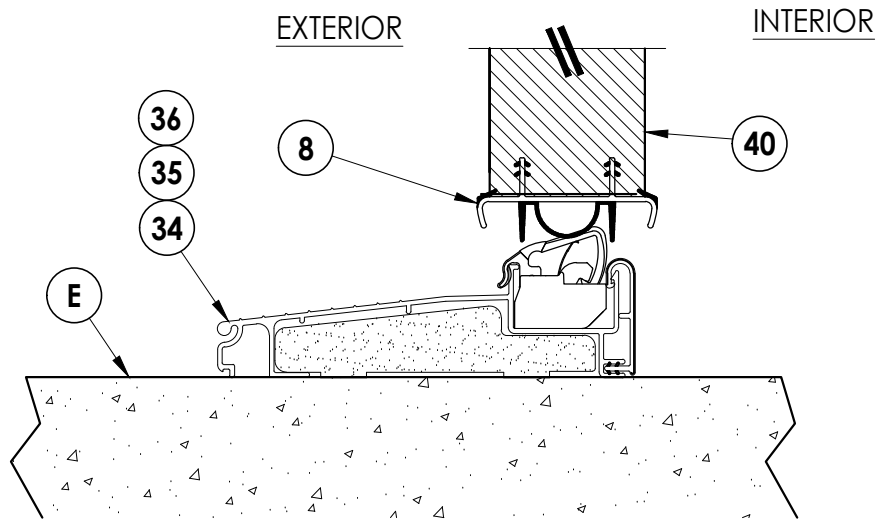
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

Documents Prepared By:
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P.E. No. 43409

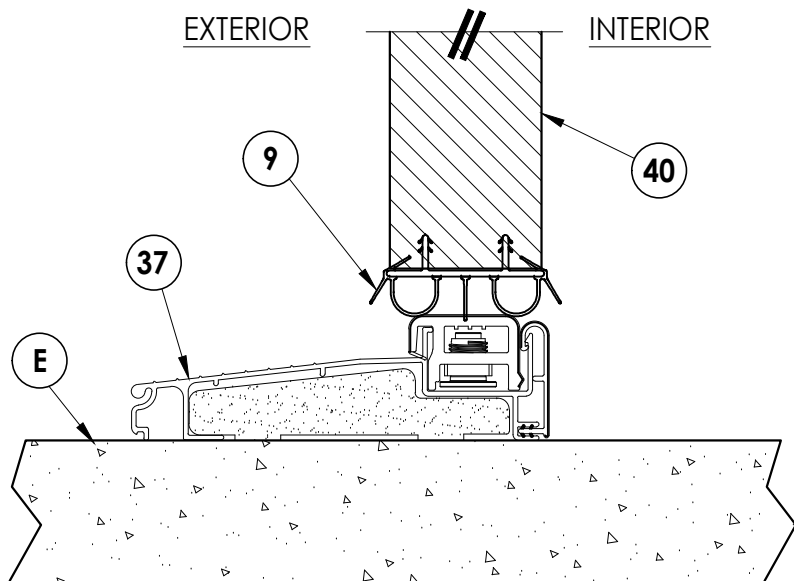
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Phone No.: 813.659.9197
FBPE Registry No. 9813



1
6 VERTICAL CROSS SECTION
Outswing configuration



2
6 VERTICAL CROSS SECTION
Inswing configuration



3
6 VERTICAL CROSS SECTION
Inswing configuration

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO FIBERGLASS DOOR		VERTICAL CROSS SECTIONS (THRESHOLDS)	
NO.	DATE	REVISIONS	BY
4	7/01/26	UPDATE TO 9TH ED. (2026)	LFS
3	8/14/23	UPDATE TO 8TH ED. (2023)	LFS
2	7/23/20	UPDATE TO 7TH ED. (2020)	LFS
1	7/24/17	UPDATE TO 6TH ED. (2017)	JK

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

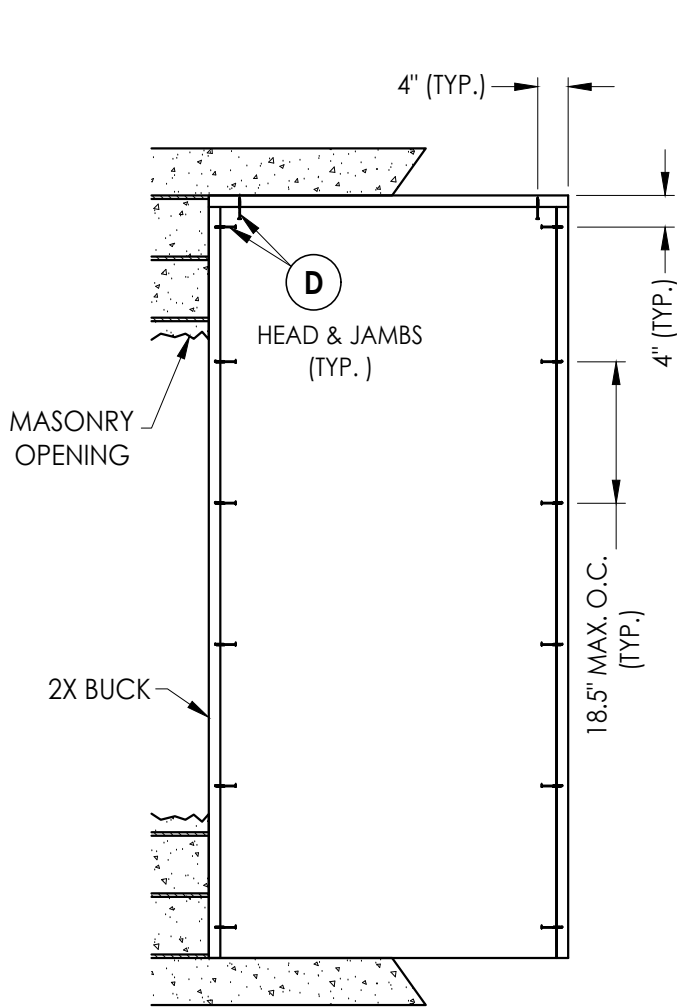
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FL-15209.9

SHEET 6 OF 8

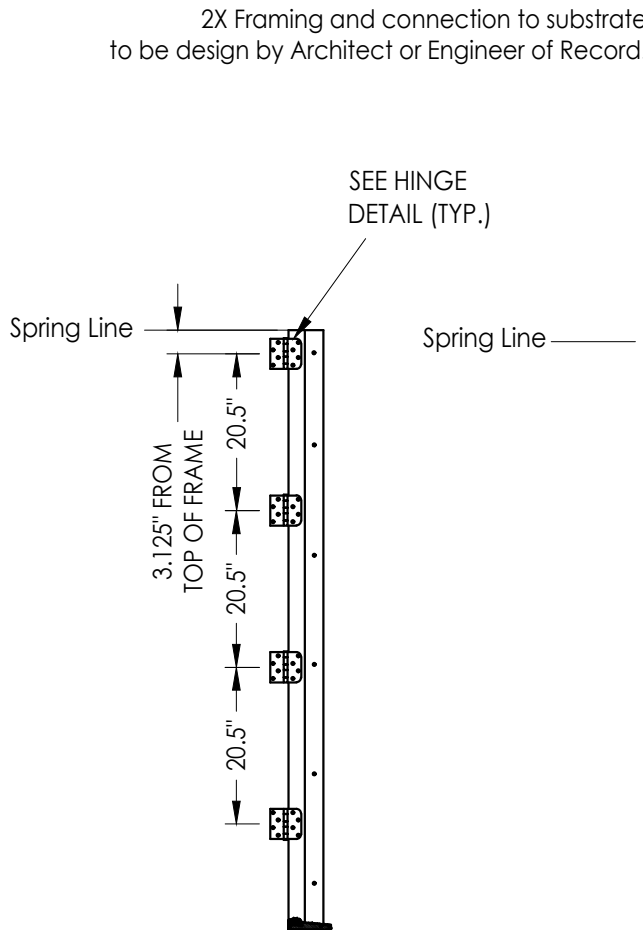
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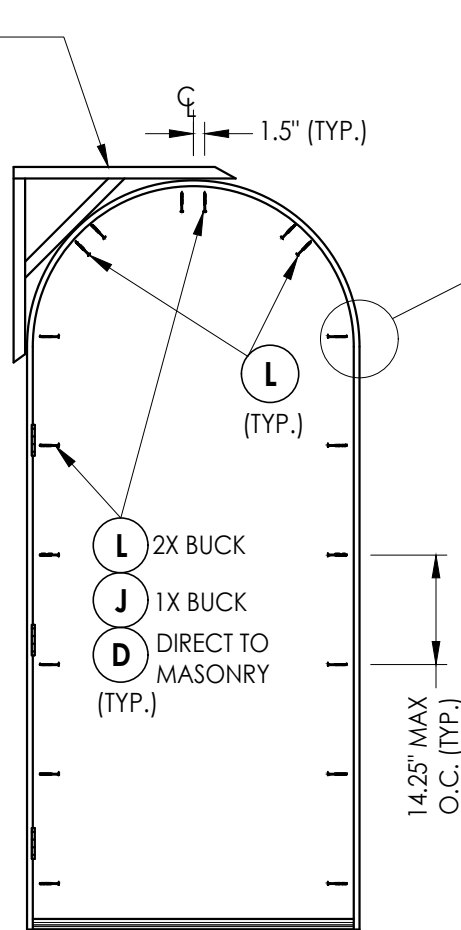
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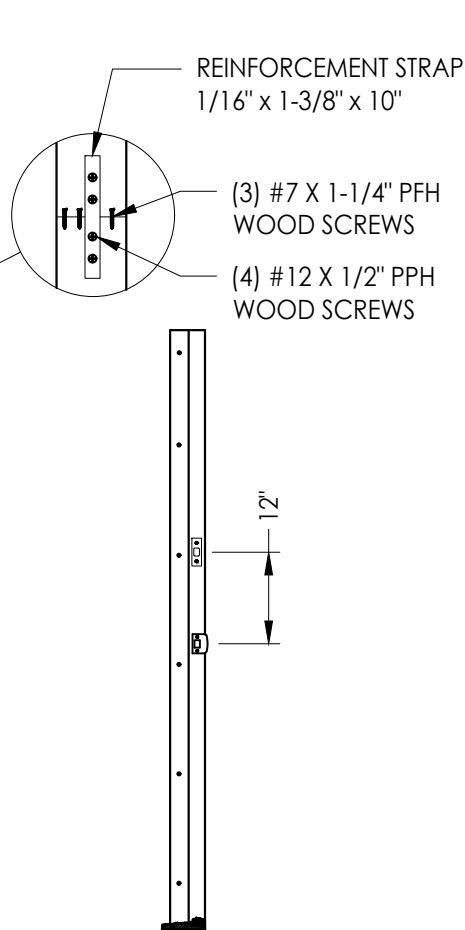
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING



STRIKE JAMB

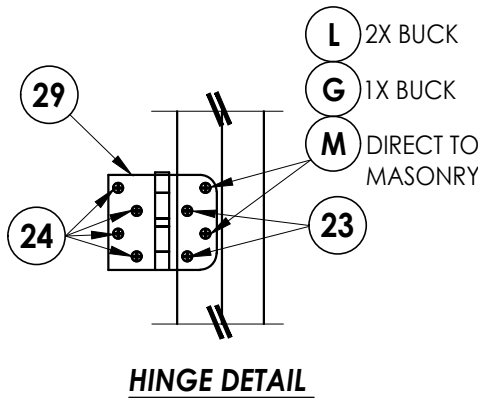
CORROSION RESISTANCE - SALTWATER ENVIRONMENT

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

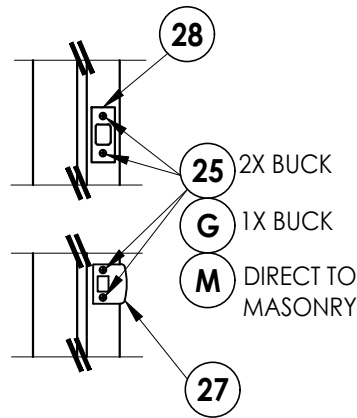
CONCRETE ANCHOR NOTES:

- 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"



HINGE DETAIL



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FBPE Registry No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME
ANCHORING

NO.	DATE	REVISIONS
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC
3	8/14/23	UPDATE TO 8TH ED. (2023) FBC
2	7/23/20	UPDATE TO 7TH ED. (2020) FBC
1	7/24/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.9

SHEET 7 OF 8

