



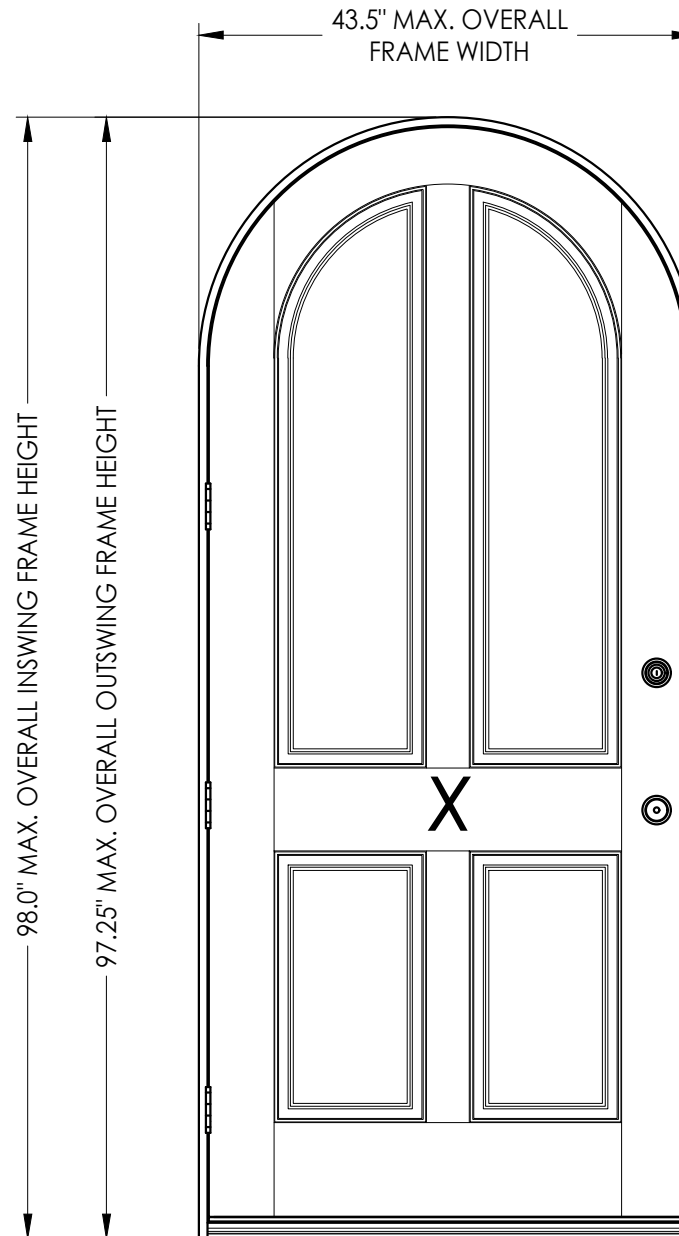
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / Mahogany / Rustic Series Fiberglass Door INSWING / OUTSWING "IMPACT"

GENERAL NOTES

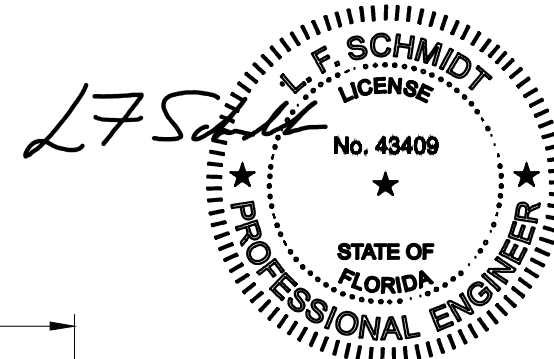
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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
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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING		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).



Digitally signed by Lyndon F Schmidt
Date: 2023.08.14 17:17:53 -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
FIBERGLASS DOOR

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

38/14/23UPDATE TO 8TH ED. (2023) FBC LFS

27/23/20UPDATE TO 7TH ED (2020) FBC LFS

17/24/17UPDATE TO 6TH ED. (2017) FBC JK

NO. DATE

REVISIONS

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

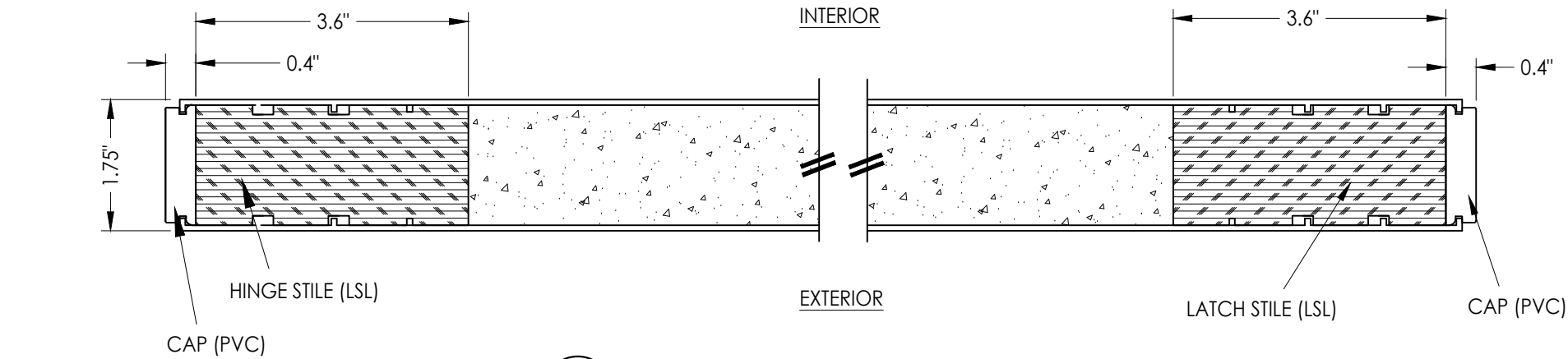
DRAWING NO.: FL-15209.9

SHEET 1 OF 8

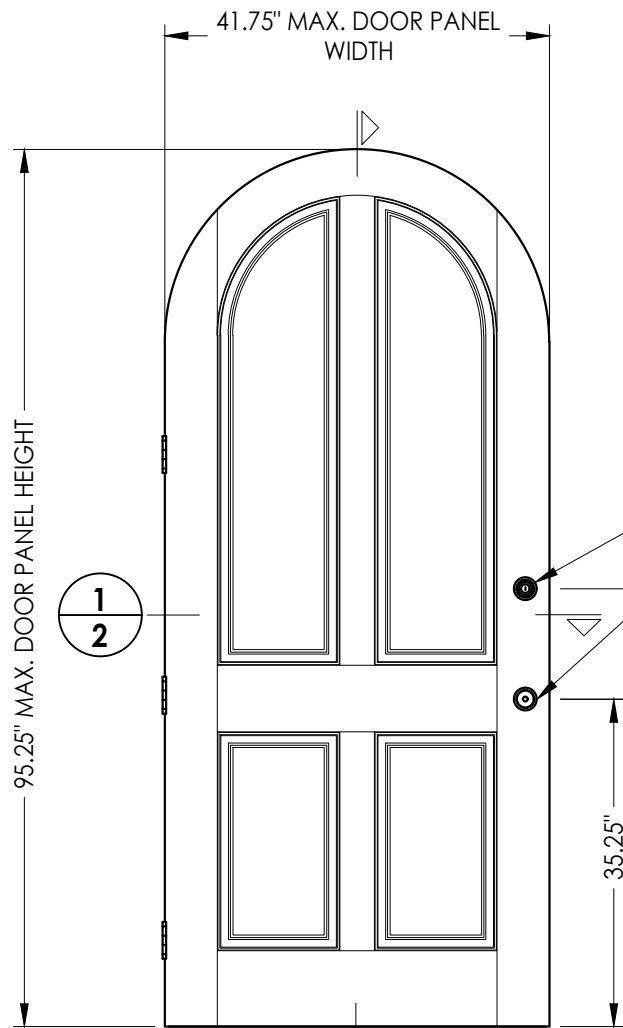
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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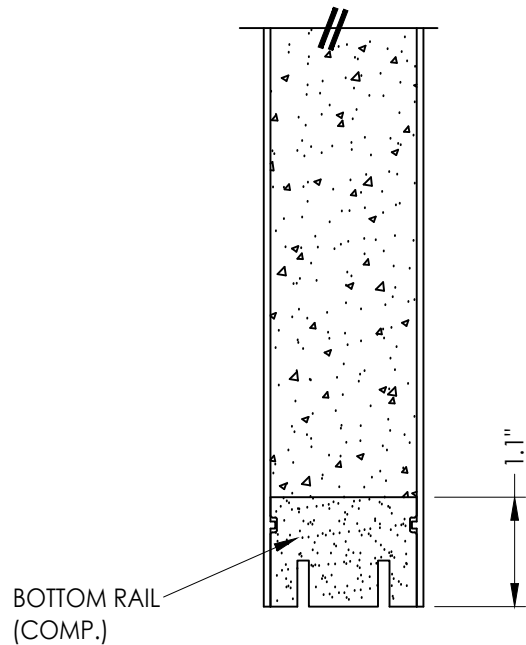
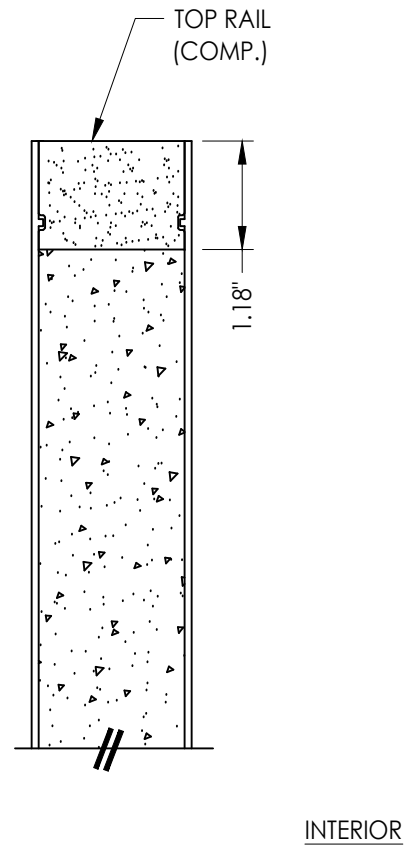
1
2 HORIZONTAL CROSS SECTION



40 DOOR PANEL
Plastpro
Fiberglass

FIBERGLASS DOOR SKIN: MIN. 0.095" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

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



2
2 VERTICAL CROSS SECTION

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P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

PRODUCT:
PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

REVISIONS			
NO.	DATE	BY	REVISIONS
3	8/14/23	LFS	UPDATE TO 8TH ED. (2023) FBC
2	7/23/20	LFS	UPDATE TO 7TH ED (2020) FBC
1	7/24/17	JK	UPDATE TO 6TH ED. (2017) FBC

DATE: 4/14/16

SCALE: N.T.S.

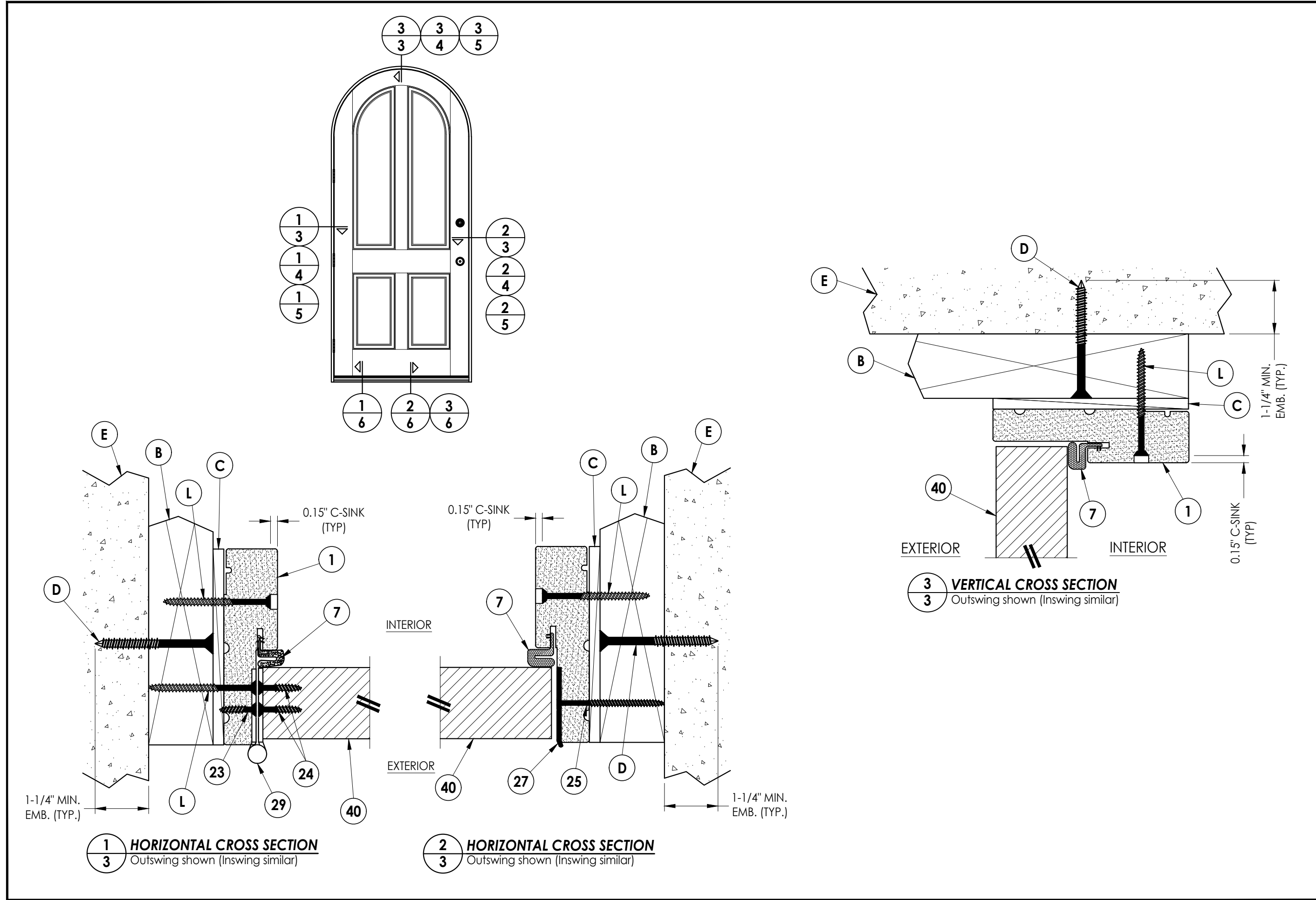
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.9

SHEET 2 OF 8



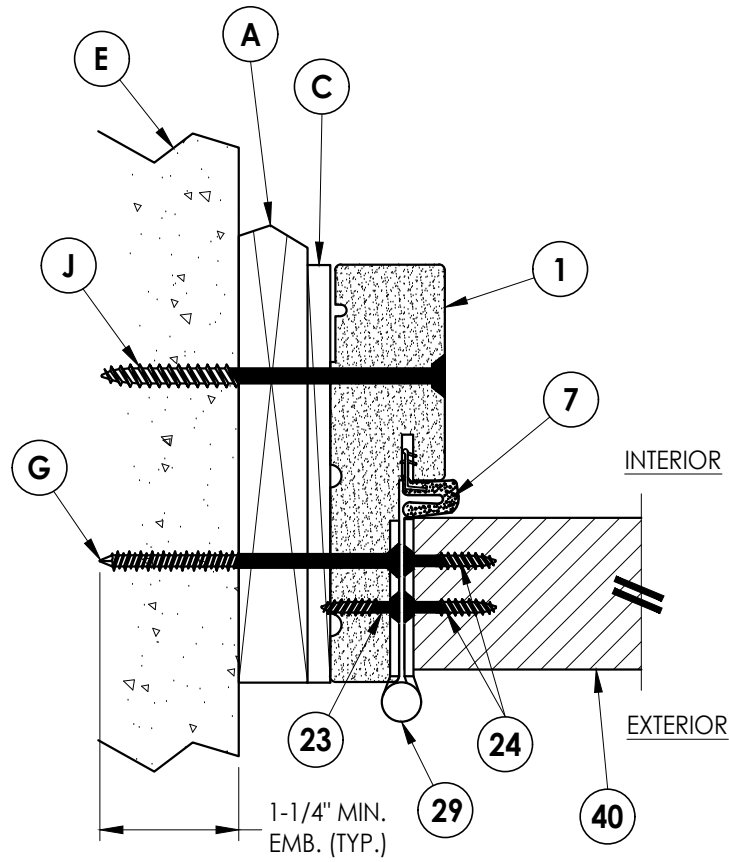
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FBPE Registry No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

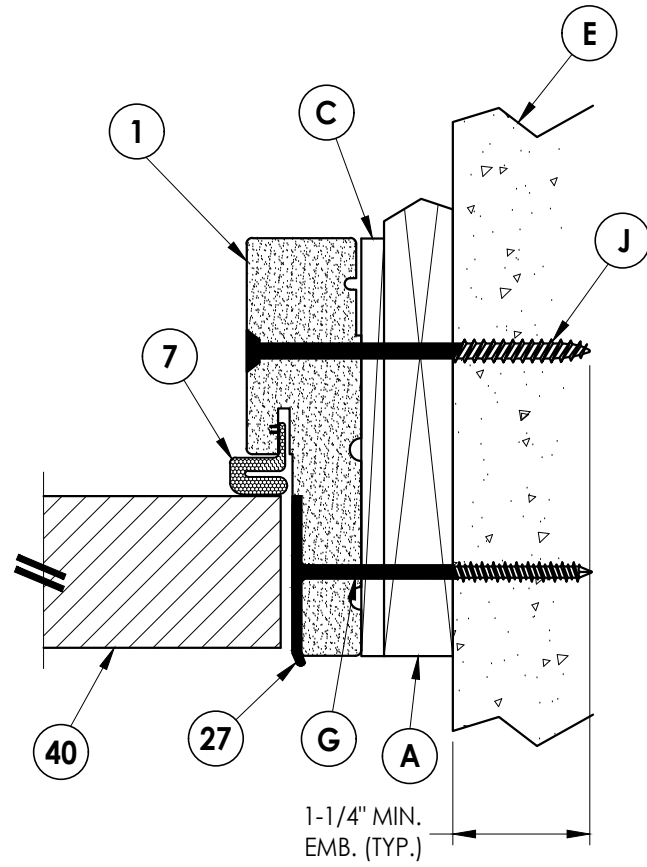
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

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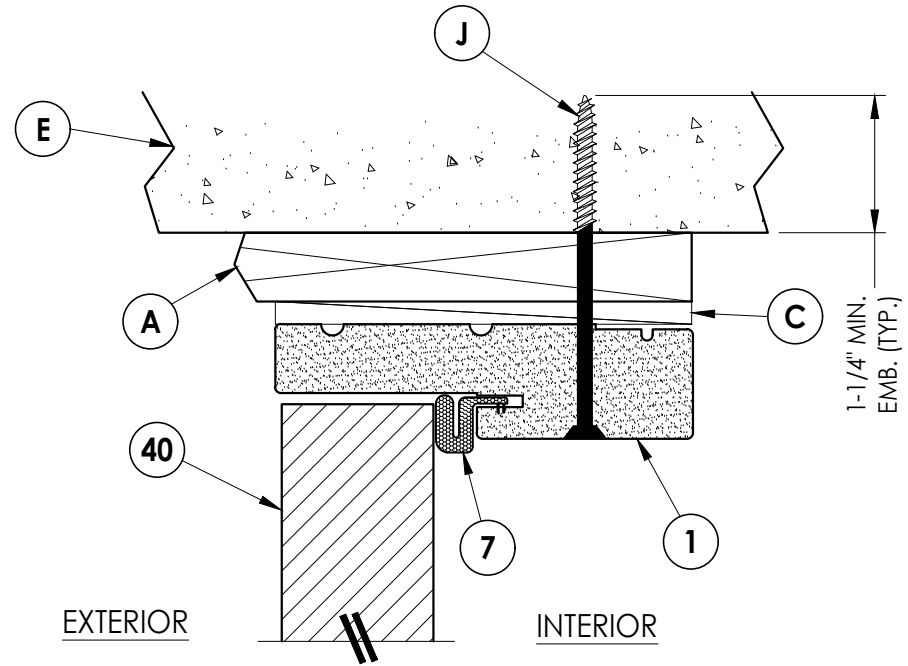


1 **HORIZONTAL CROSS SECTION**

4 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)

3	8/14/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/23/20	UPDATE TO 7TH ED	(2020)	FBC	LFS
1	7/24/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
NO.	DATE				BY
					REVISIONS

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:

FL-15209.9

SHEET 4 OF 8

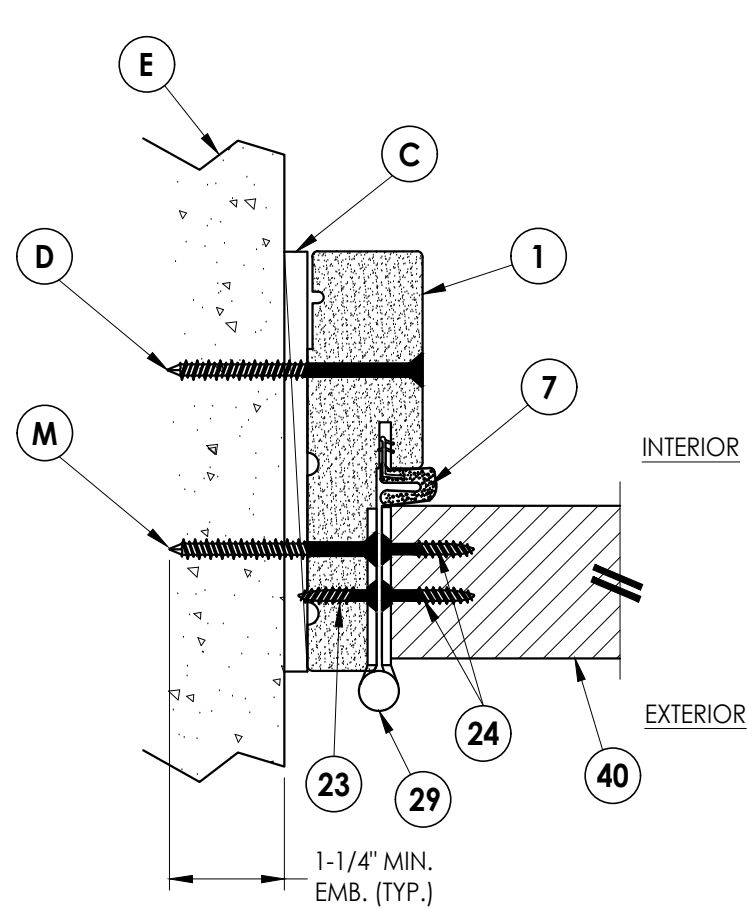
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FBPE Registry No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

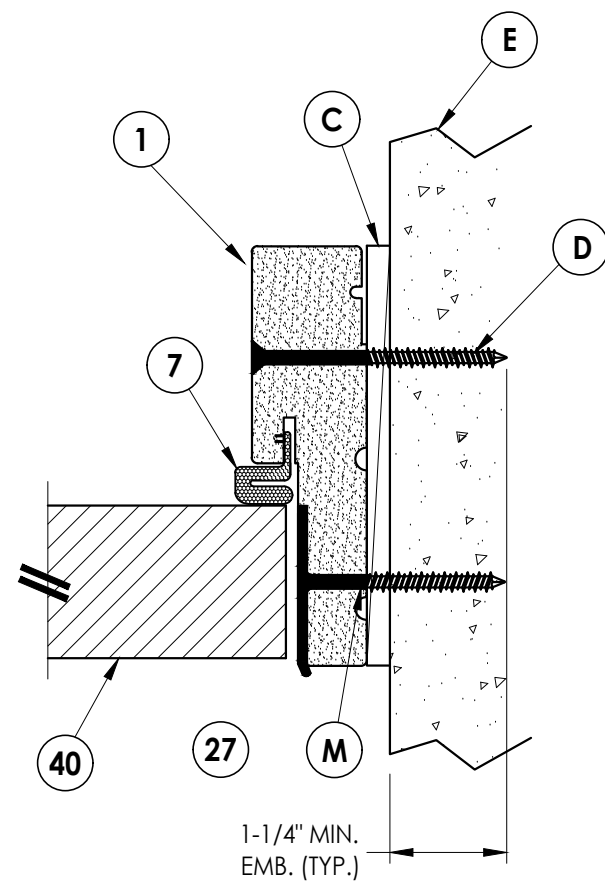
PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)**

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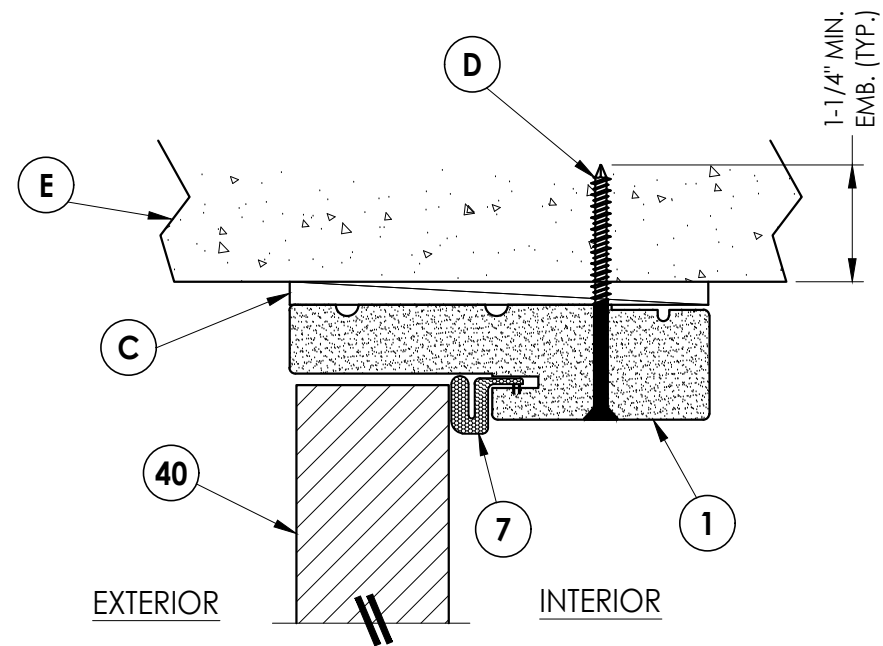
1 HORIZONTAL CROSS SECTION

5 Shown Direct to Masonry
Outswing shown (Inswing similar)



2 **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)

3	8/14/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
2	7/23/20	UPDATE TO 7TH ED	(2020)	FBC	LFS	
1	7/24/17	UPDATE TO 6TH ED.	(2017)	FBC	JK	
NO.	DATE				BY	
						REVISIONS
DATE: 4/14/16						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15209.9						
SHEET 5 OF 8						

Documents Prepared By:
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A cross-sectional view of a building assembly. The top part shows a vertical wall section with a hatched pattern, labeled 'EXTERIOR' on the left and 'INTERIOR' on the right. Below the wall is a horizontal layer labeled '8'. Underneath this layer is a curved, U-shaped component labeled '34'. To the left of this component is a vertical section labeled '35' and '36'. A large, irregularly shaped component labeled 'E' is shown below the horizontal layer '8'. The bottom part of the diagram shows a cross-section of a concrete slab with aggregate, indicated by small triangles.

FIG. 10 is a cross-sectional view of a window assembly. It shows a frame 9, a pane 37, and a seal 40. The assembly is shown in a cross-section with "EXTERIOR" and "INTERIOR" labels. A detail "E" is indicated on the frame 9.

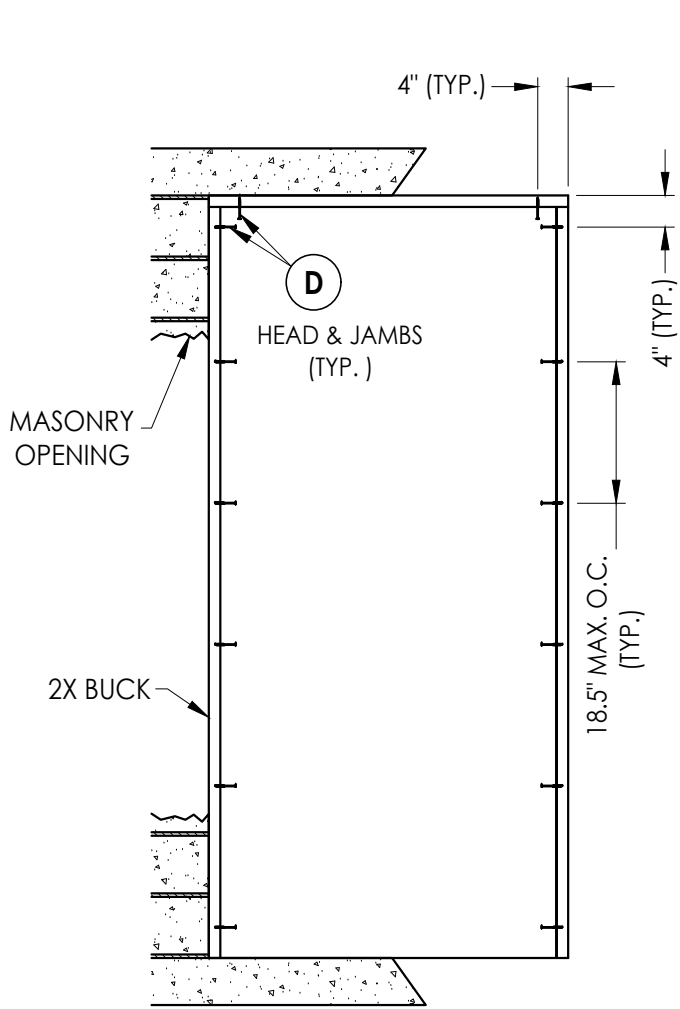
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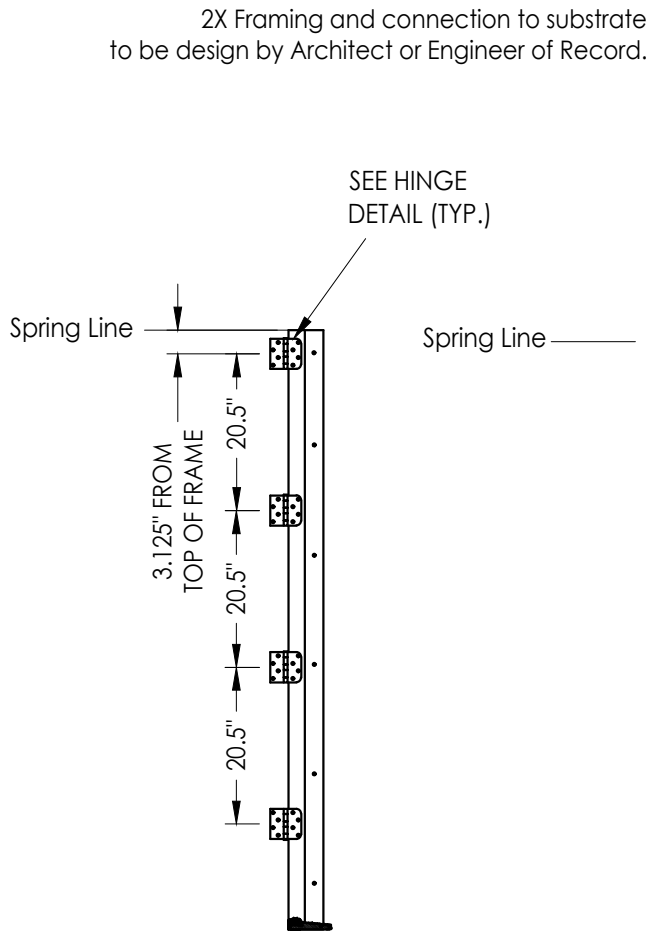
CONCRETE ANCHOR NOTES:

- 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:

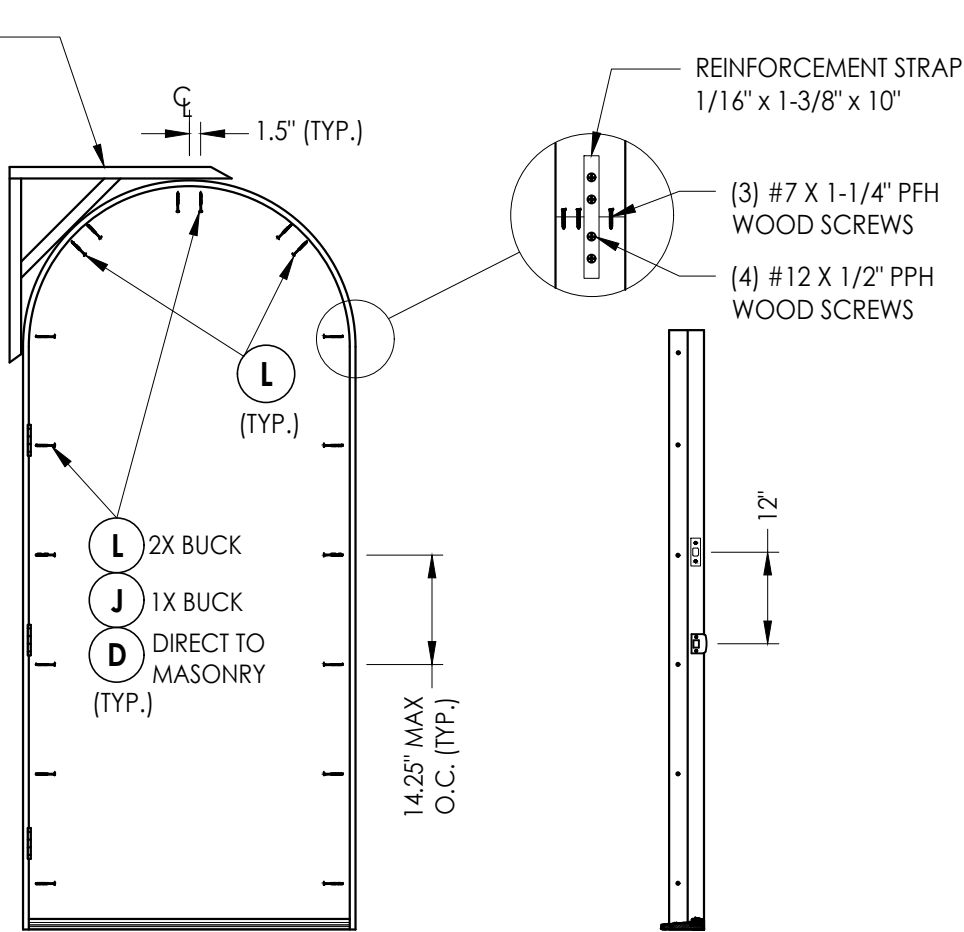
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"



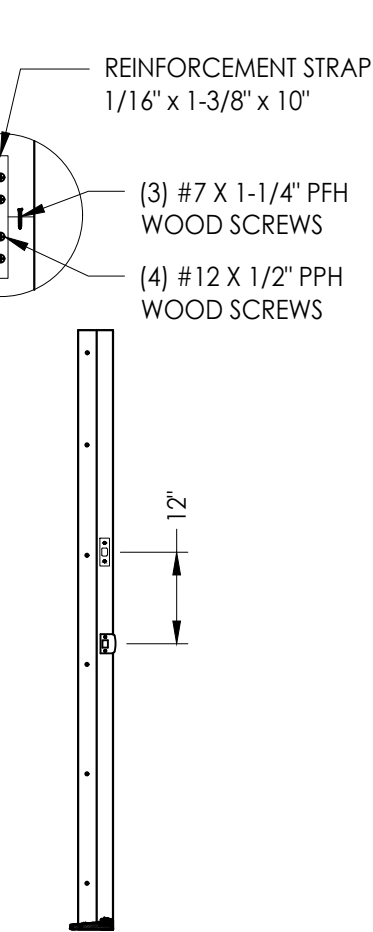
BUCK ANCHORING



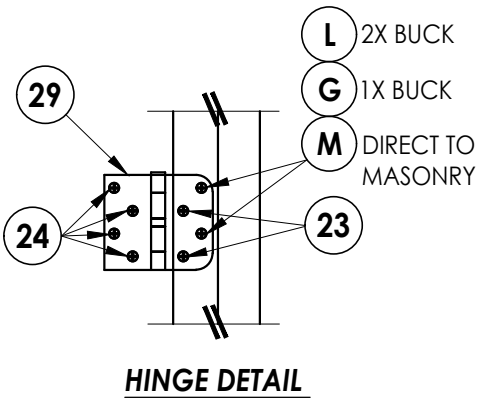
HINGE JAMB



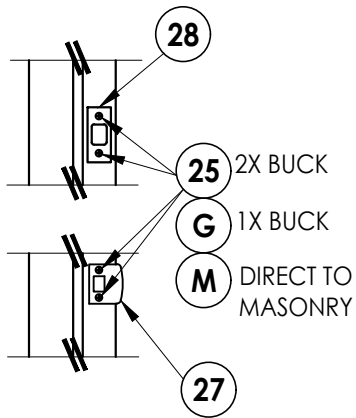
FRAME ANCHORING



STRIKE JAMB



HINGE DETAIL



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FBPE Registry No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME
ANCHORING

NO.	DATE	REVISIONS
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
NO.	DATE	BY

DATE: 4/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.9

SHEET 7 OF 8

