



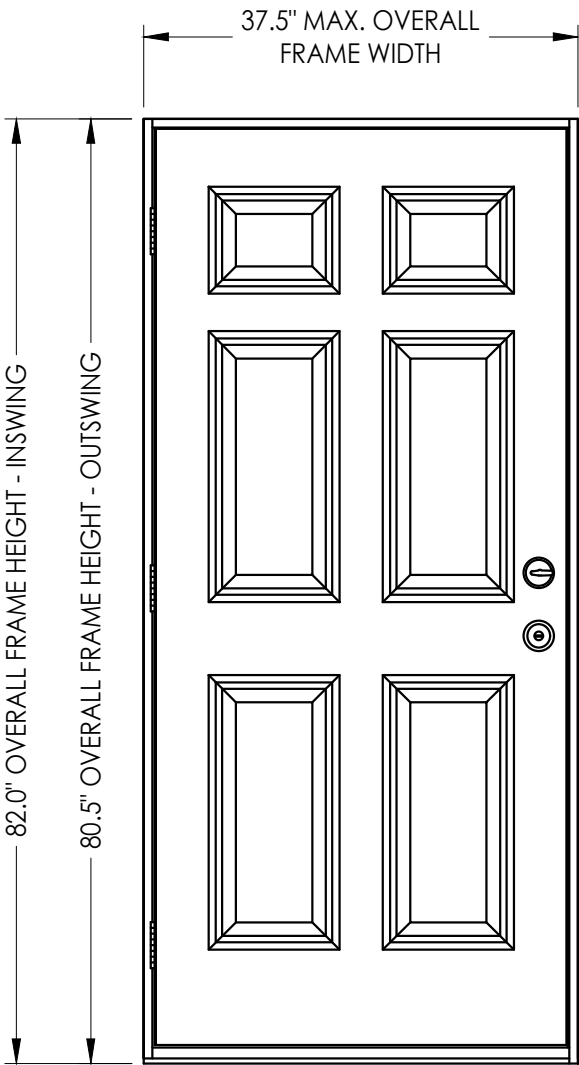
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

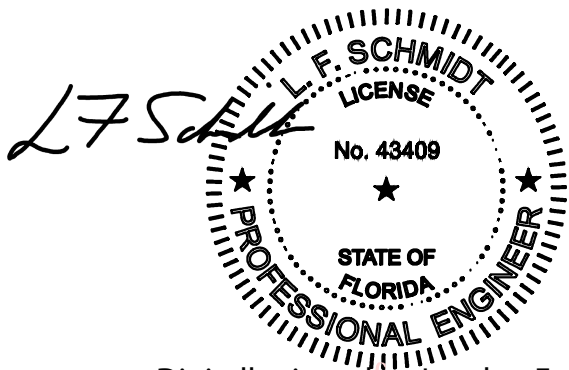
GENERAL NOTES

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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.

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1	Typical elevations, design pressures & general notes
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6	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck and frame anchoring
9	Bill of materials & components



SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.5" x 82.0"	+70.0	-70.0
OUTSWING	37.5" x 80.5"	+70.0	-70.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.14 10:42:44 -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: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15221.1

SHEET 1 OF 9

4 8/14/23 UPDATE TO 8TH ED. (2023) FBC

3 7/27/20 UPDATE TO 7TH ED (2020) FBC

2 7/24/17 UPDATE TO 6TH ED. (2017) FBC

1 04/14/15 UPDATE TO 5TH ED. (2014) FBC

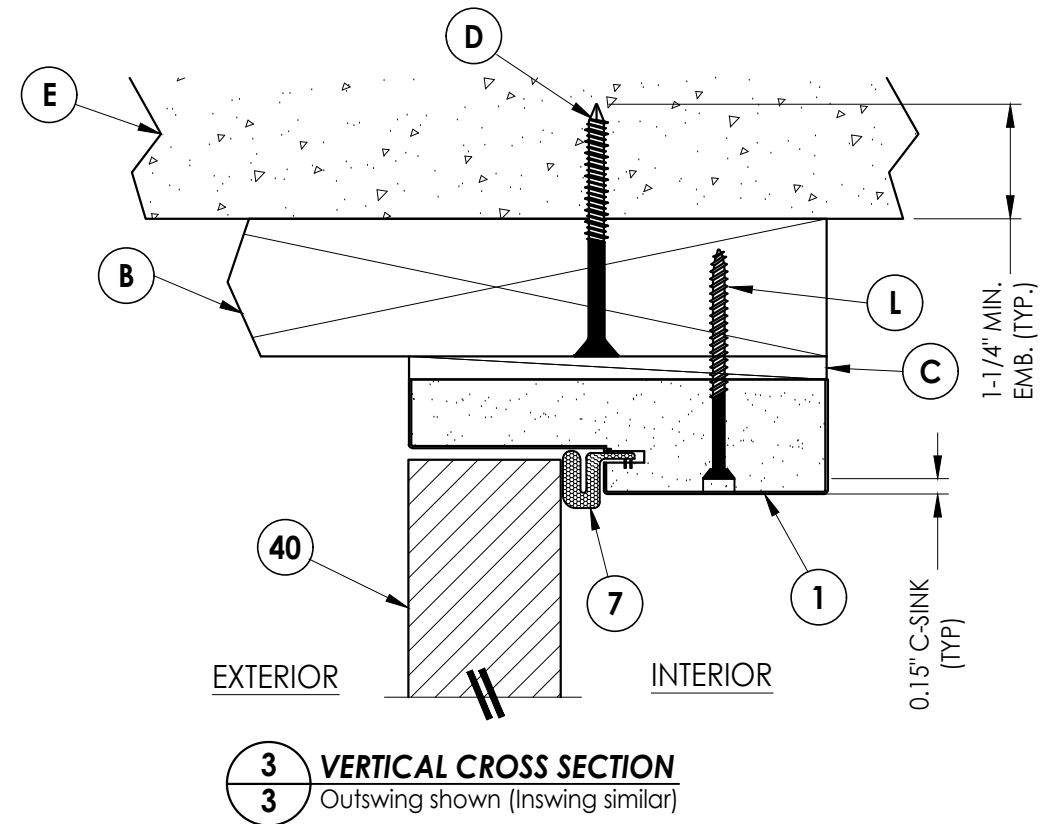
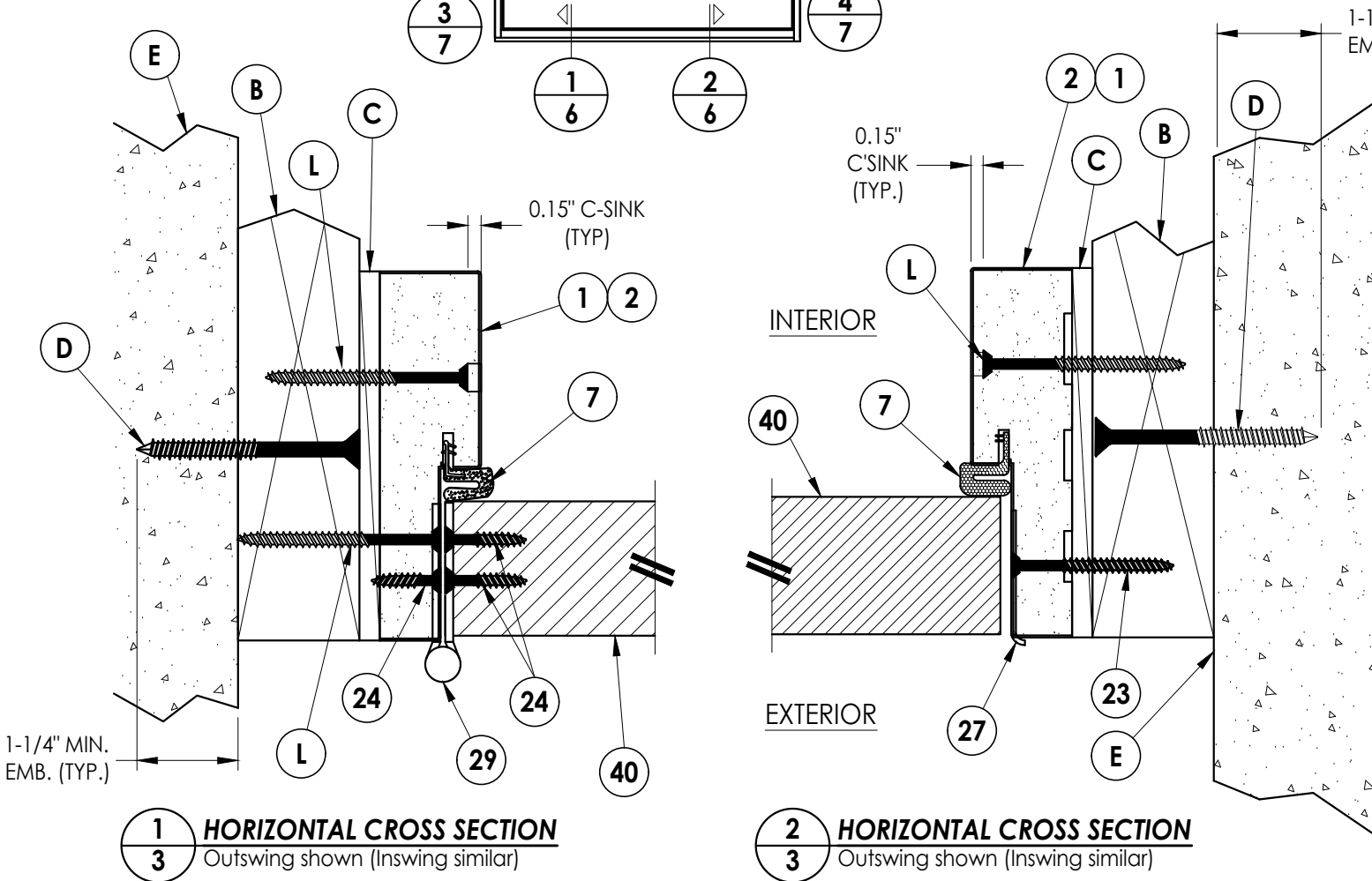
NO. DATE

REVISIONS

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

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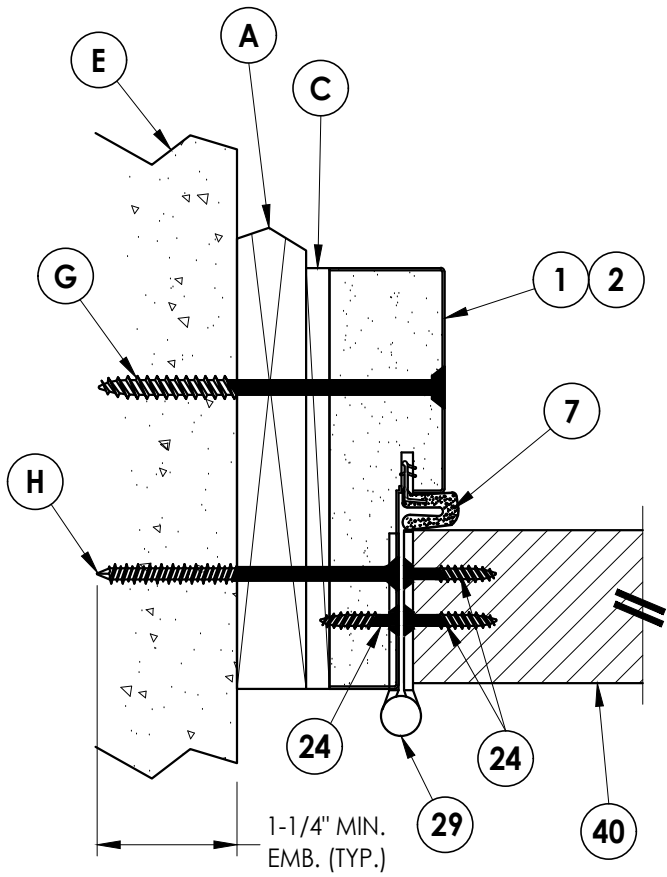
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3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS		
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NO.	DATE					BY
						REVISIONS
DATE: 02/15/12						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15221.1						
SHEET 3 OF 9						

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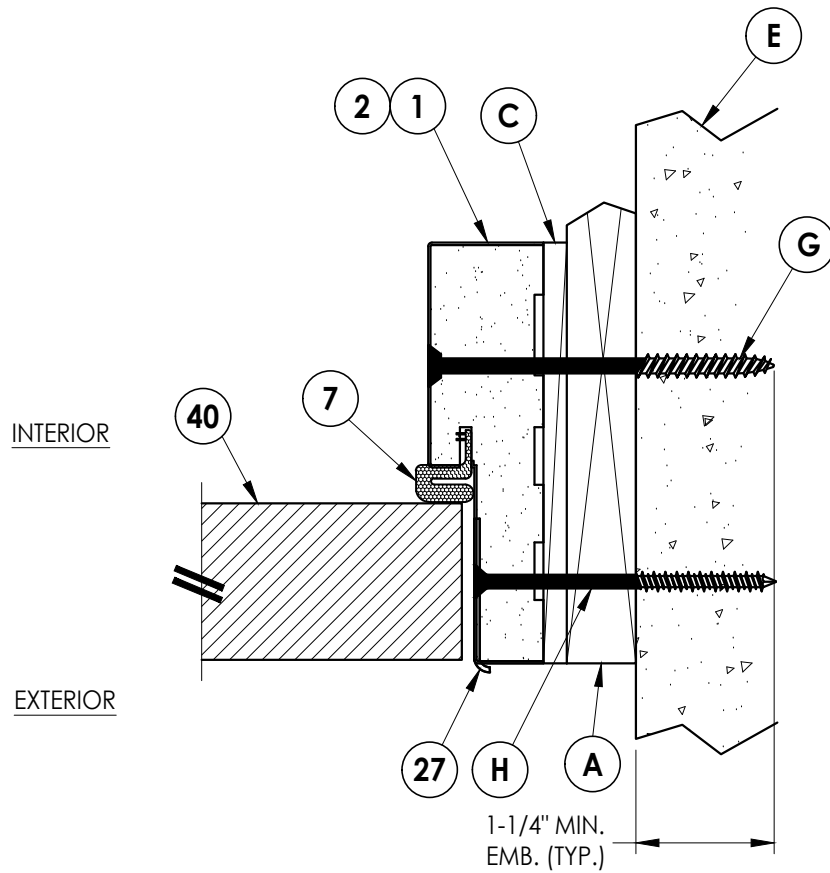
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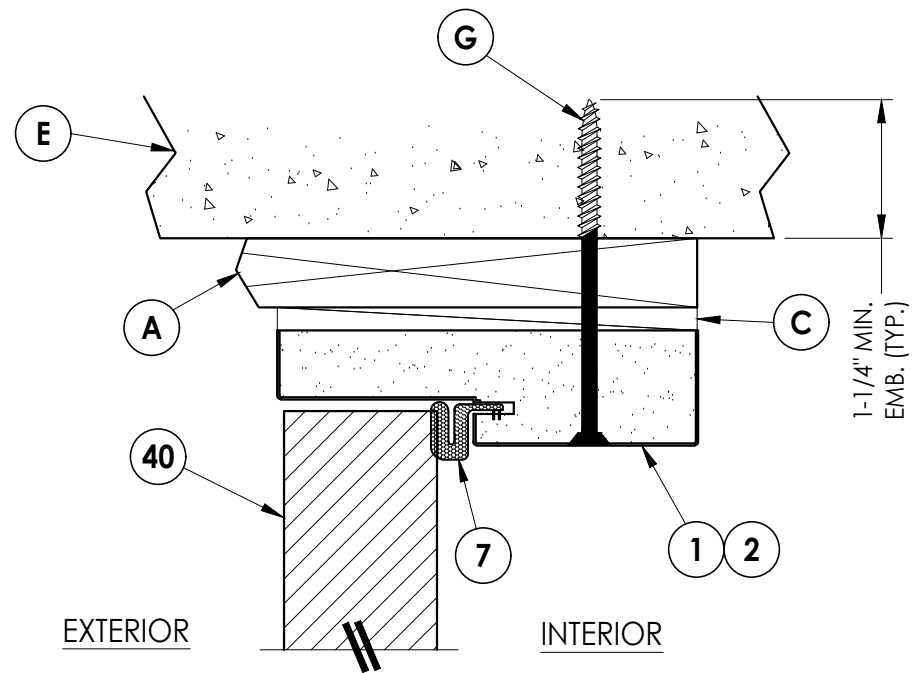
1 4 **HORIZONTAL CROSS SECTION**

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



2 HORIZONTAL CROSS SECTION

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



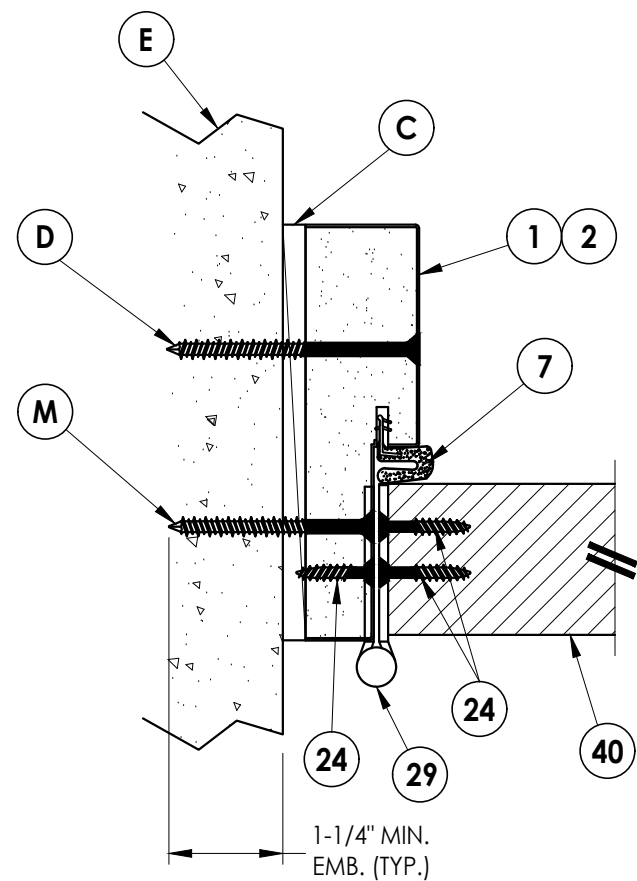
3 VERTICAL CROSS SECTION
4 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

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Lyndon F. Schmidt
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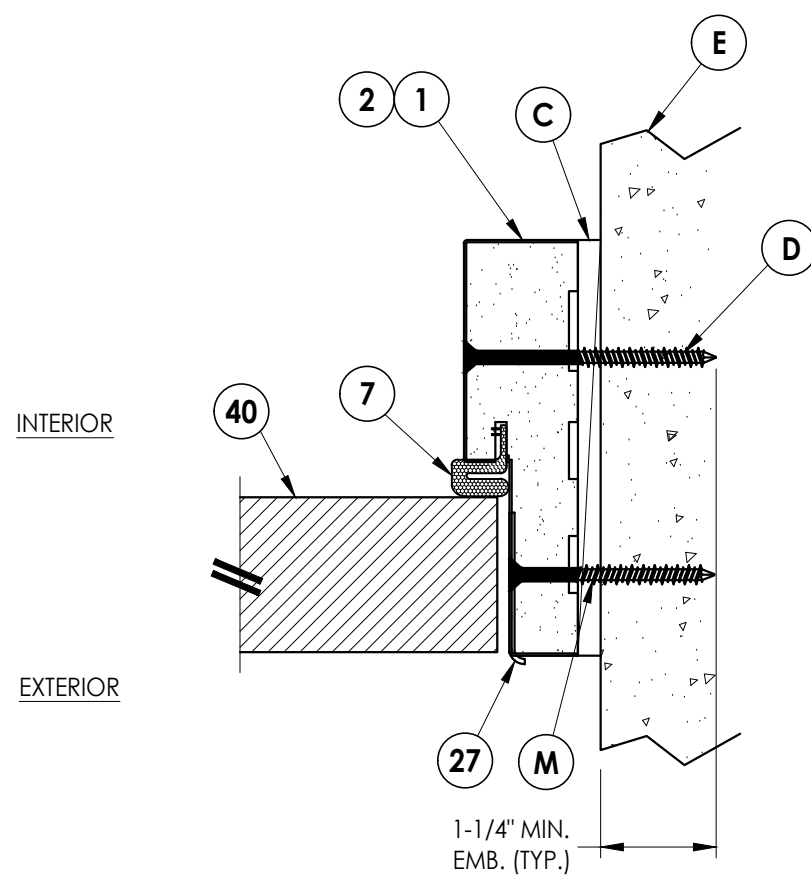
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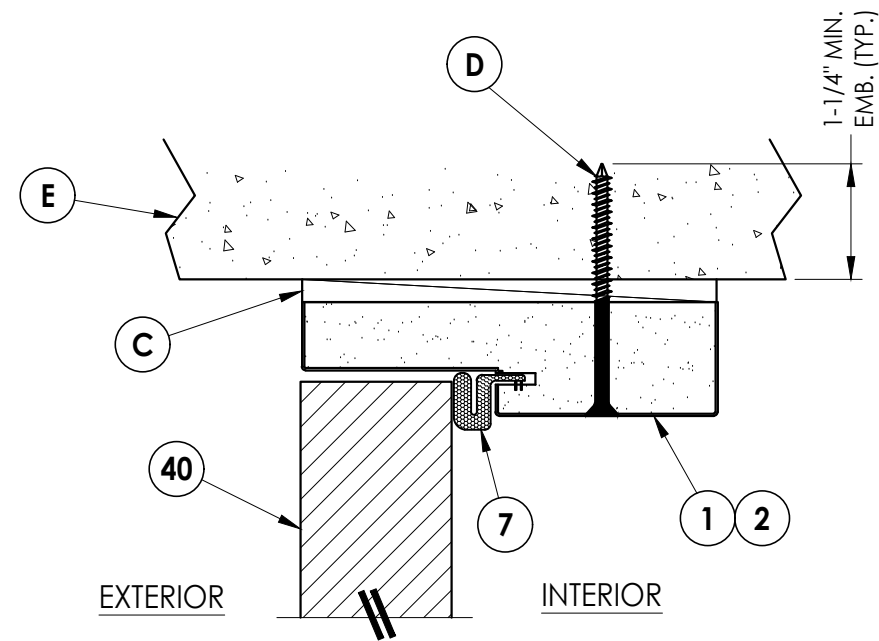
1 5 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)



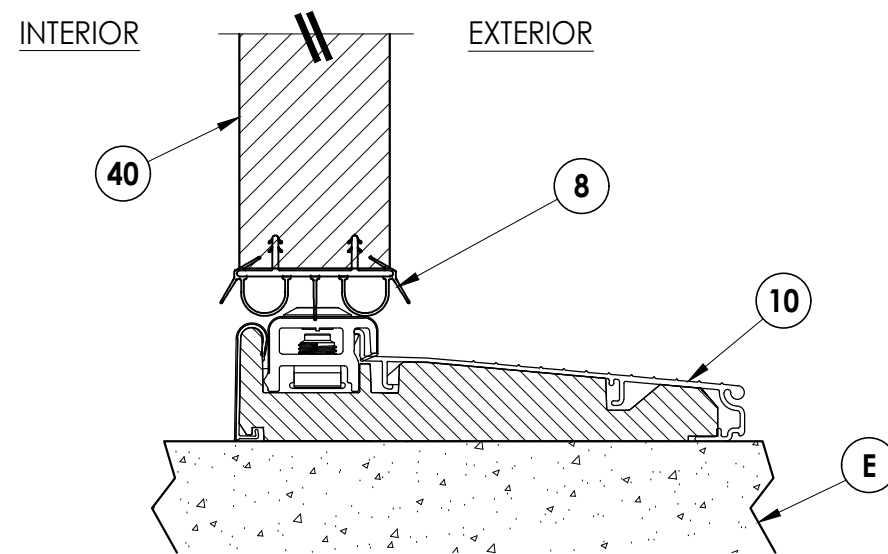
2 5 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)

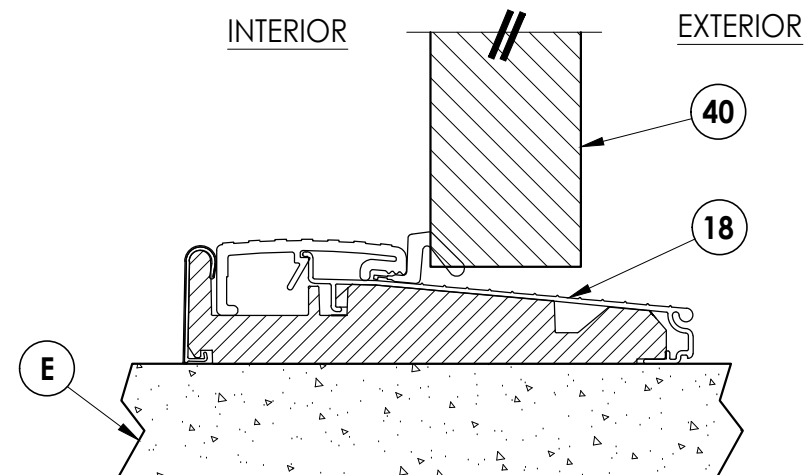


3 **VERTICAL CROSS SECTION**
5 Shown Direct to Masonry
 Outswing shown (Inswing similar)

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 No. 9813					
PRODUCT: PLASTPRO INC FIBERGLASS DOOR					
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)					
4	8/14/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
3	7/27/20	UPDATE TO 7TH ED	(2020)	FBC	LFS
2	7/24/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
1	04/14/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
NO.	DATE				BY
REVISIONS					
DATE: 02/15/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15221.1					
SHEET 5 OF 9					



1 **VERTICAL CROSS SECTION**
6 Outswing configuration



2 6 VERTICAL CROSS SECTION Inswing configuration

4	8/14/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED	(2020)	FBC	LFS	
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						REVISIONS

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SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15221.1

SHEET 6 OF 9

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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Diagram illustrating a cross-section of a parapet wall assembly. The assembly consists of the following layers and components:

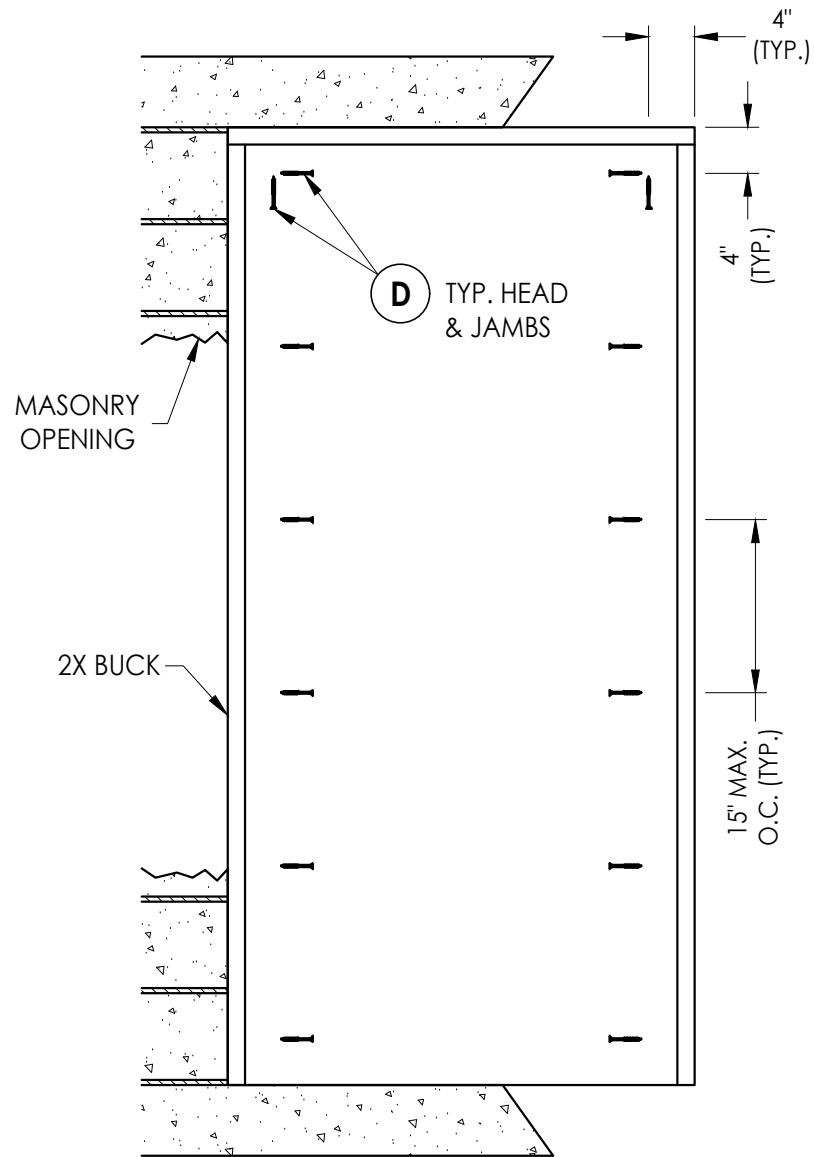
- Exterior Finish (E):** The outermost layer, shown with a stippled pattern.
- Concrete Slab (C):** The main structural slab, shown with a horizontal hatched pattern.
- Insulation (40):** A layer of insulation, shown with a diagonal hatched pattern, located below the concrete slab.
- Interior Finish (1):** The innermost layer, shown with a stippled pattern.
- Vertical Reinforcement (D):** A vertical bar, shown with a cross-hatched pattern, extending through the concrete slab and insulation.
- Embedment (EMB.):** The portion of the vertical reinforcement embedded in the concrete slab.
- Dimensions:**
 - 1-1/4" MIN. (Minimum thickness of the exterior finish)
 - 2" MIN. (Minimum thickness of the concrete slab)
 - 1.5" MAX. (Maximum thickness of the interior finish)

The diagram is labeled "EXTERIOR" on the left and "INTERIOR" on the right.

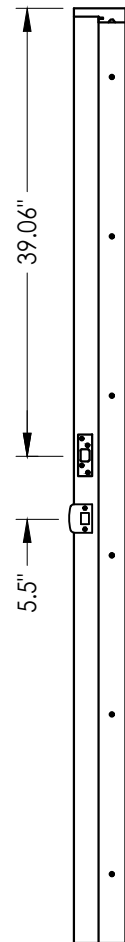
This cross-section detail illustrates the construction of a concrete wall and floor assembly. The interior side (top) features a concrete wall (1) with a finish (C). The floor (40) is shown with a finish (N) and a reinforcement bar (M). The exterior side (bottom) shows a concrete wall (1) with a finish (E) and a reinforcement bar (M). The floor (40) is shown with a finish (N) and a reinforcement bar (M). The assembly includes insulation (1.5" MIN.) and a reinforcement bar (1.5" MAX.). The floor (40) is shown with a finish (N) and a reinforcement bar (M). The exterior side (bottom) shows a concrete wall (1) with a finish (E) and a reinforcement bar (M). The floor (40) is shown with a finish (N) and a reinforcement bar (M). The assembly includes insulation (1.5" MIN.) and a reinforcement bar (1.5" MAX.).

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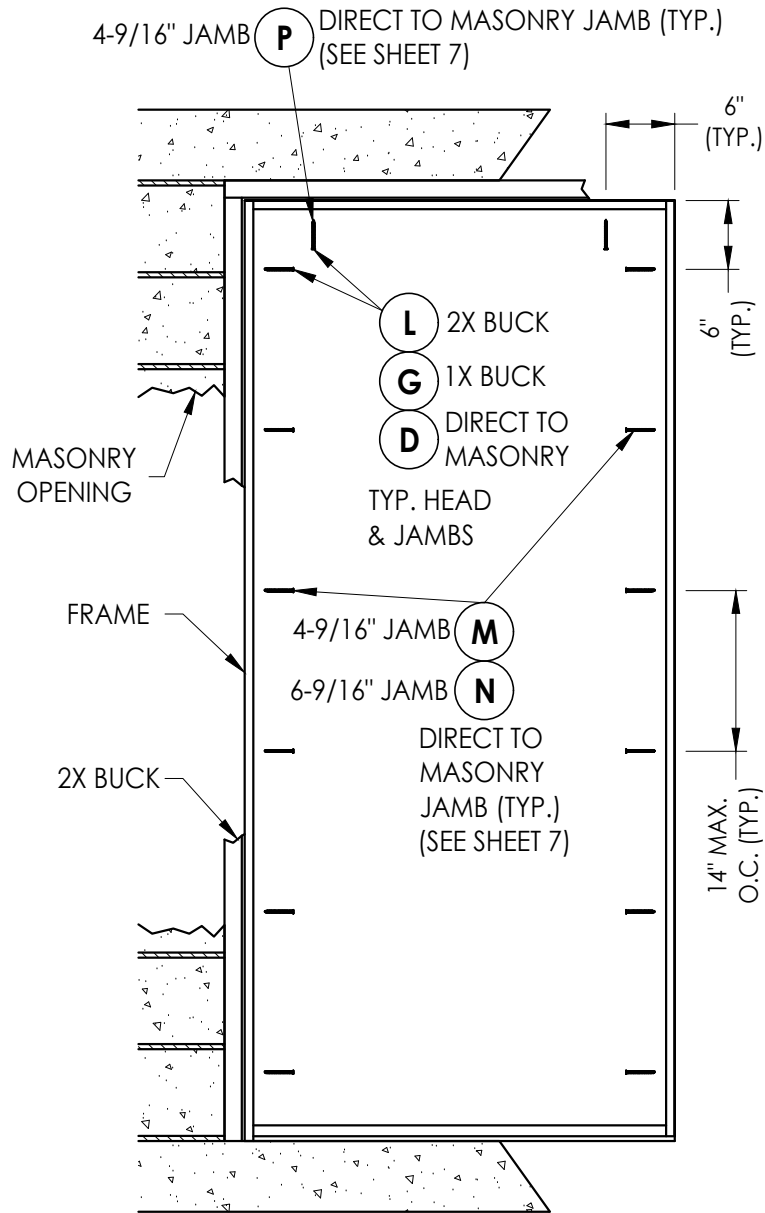
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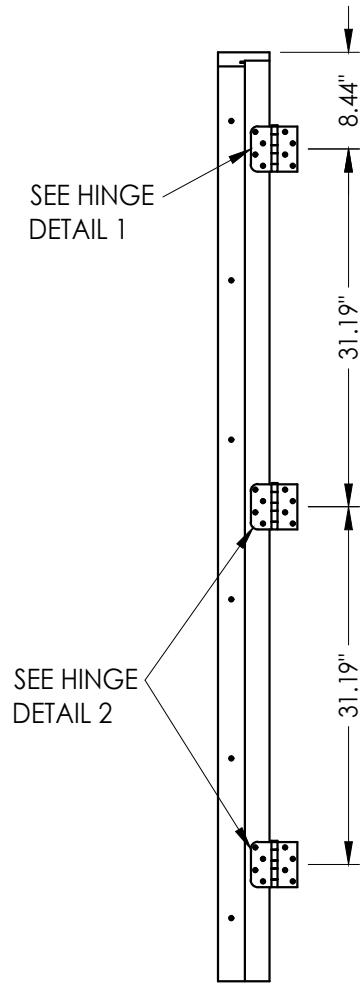
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

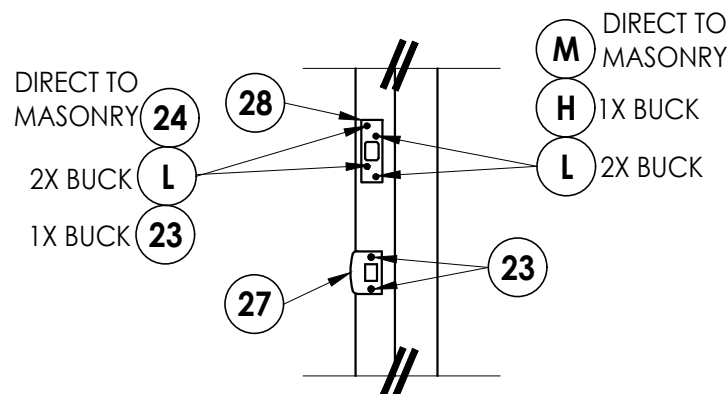
CONCRETE ANCHOR NOTES:

- 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:

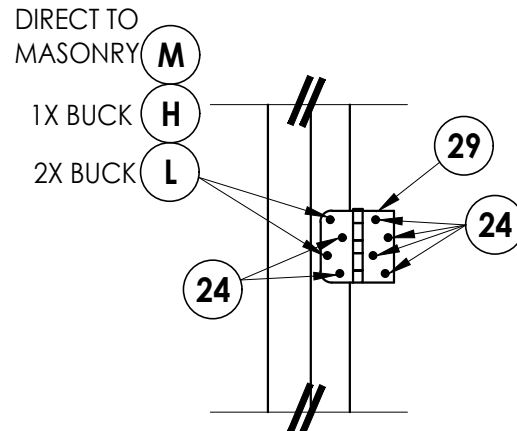
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

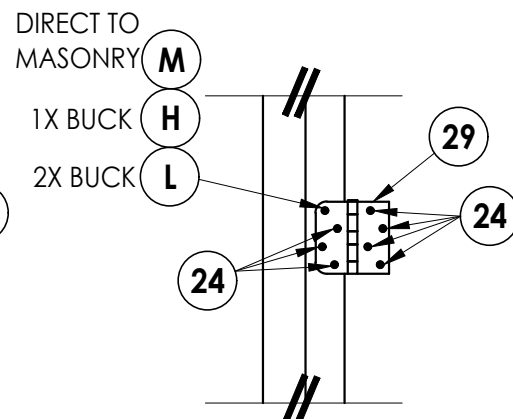
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH & DEADBOLT DETAIL



HINGE DETAIL 1



HINGE DETAIL 2

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

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PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
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