



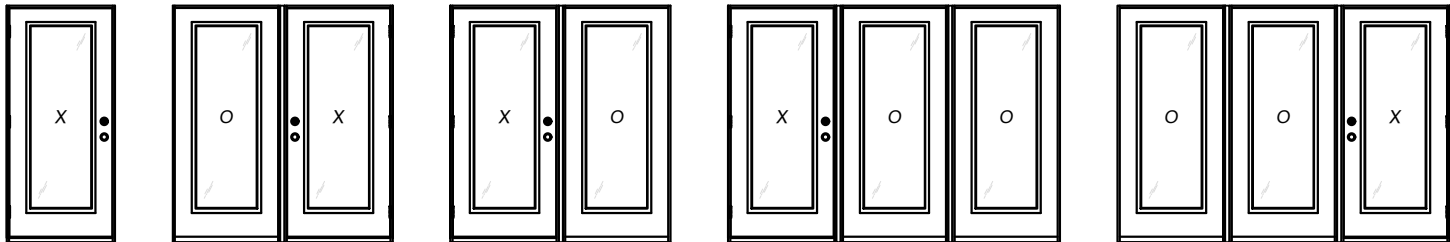
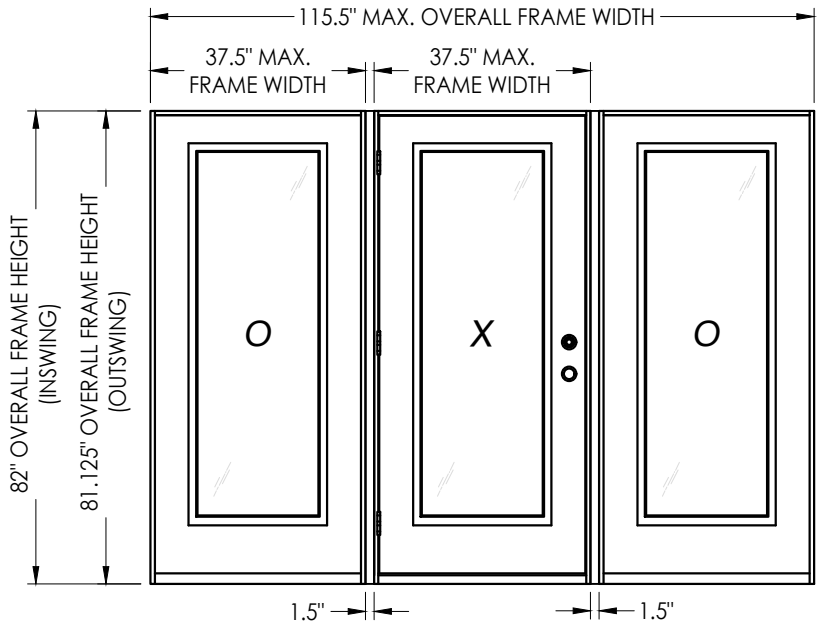
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOORS
SINGLES
w/ or w/o SIDELITES
INSWING / OUTSWING
"NON-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 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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11	Buck anchoring
12	Frame anchoring & hardware details
13	Bill of materials and components



X

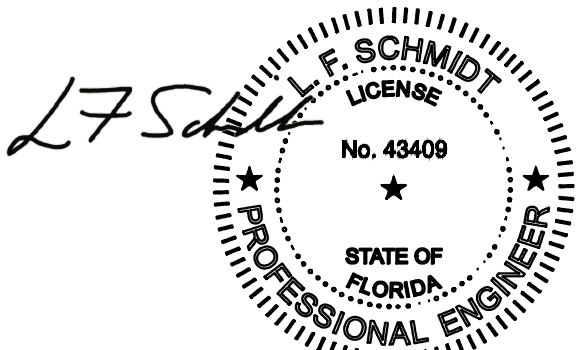
OX

XO

XOO

OOX

CONFIGURATION	MAX. FRAME DIMENSION	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 82.0"	N/A	+47.0	-47.0	+47.0	-47.0
OX, XO	75.0" x 82.0"	N/A	+35.0	-40.0	+35.0	-35.0
	75.75" x 82.0"	1X	+40.0	-45.0	+40.0	-40.0
	76.5" x 82.0"	2X	+50.0	-50.0	+50.0	-50.0
OXO, OOX, XOO	112.5" x 82.0"	N/A	+35.0	-35.0	+35.0	-35.0
	114.0" x 82.0"	1X	+40.0	-45.0	+40.0	-40.0
	115.5" x 82.0"	2X	+47.0	-47.0	+47.0	-47.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 12:44:58 -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

DATE: 10/08/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.1
SHEET 1 OF 13

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

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

REVISIONS

0.4" 0.7"

CAP (PVC)

HINGE STILE (LVL)

EXTERIOR

INTERIOR

G1 G2

This technical drawing shows a cross-section of a door assembly. On the left, the exterior side is indicated. The door consists of a PVC cap and a hinge stile made of LVL. The cap has a thickness of 0.4 inches, and the hinge stile has a thickness of 0.7 inches. The interior of the door is filled with a material containing small triangular and circular inclusions. On the right, the interior side is indicated, showing the hinge mechanism and the door's connection to the frame. Two circular callouts, G1 and G2, are located at the bottom right, pointing to specific components of the hinge assembly.

A cross-sectional diagram of a door assembly. The diagram shows a door with a core of LVL (Laminated Veneer Lumber) and a cap of PVC (Polyvinyl Chloride). The door is shown in a closed position, with a latch stile (LVL) visible on the left. Dimensions are indicated: 2.8" for the width of the door, 0.4" for the thickness of the door, and 1.75" for the height of the door. Labels include "LATCH STILE (LVL)" and "CAP (PVC)".

TOP RAIL (COMP.)

1.2"

G1 G2

INTERIOR

EXTERIOR

DAM CORE (POLYURETHANE - 9 PCF MIN.)

FIBERGLASS SKIN (0.75" MIN. THK.)

BOTTOM RAIL (COMP.)

1.2"

2 **VERTICAL CROSS SECTION**

DATE:	10/08/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17347.1
SHEET	2 OF 13

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

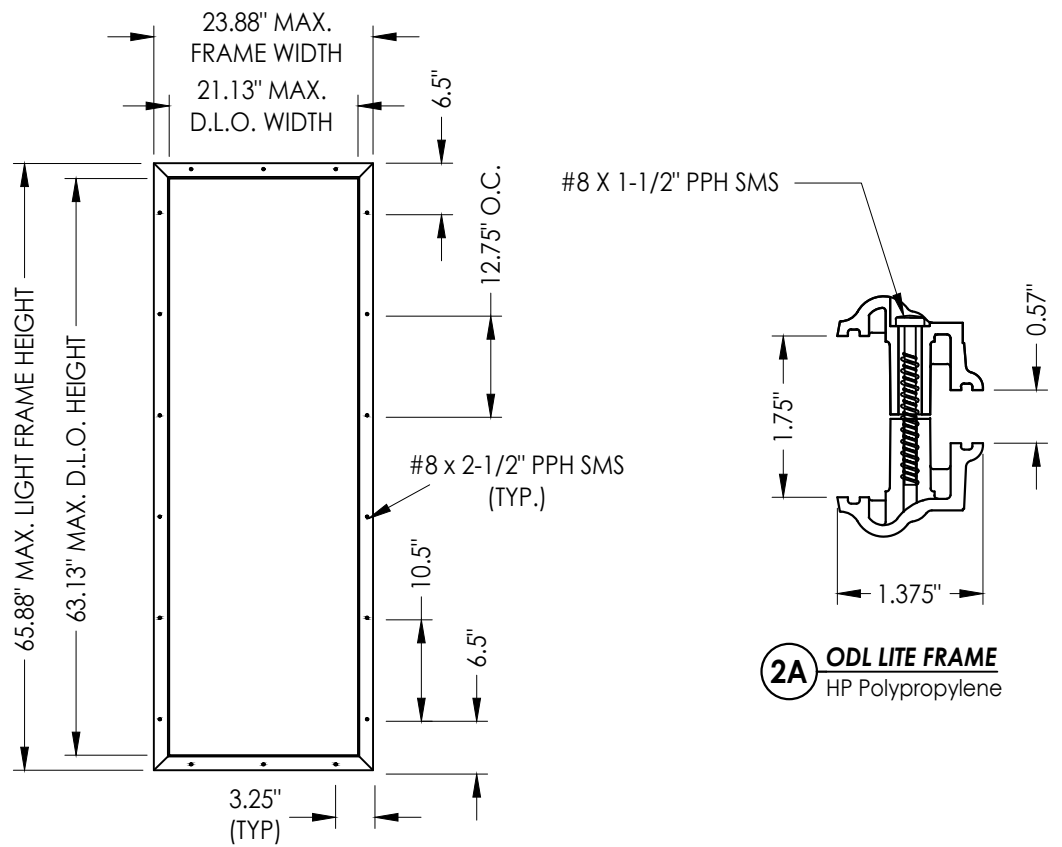
DOOR & SIDELITE PANEL DETAILS

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

RN BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

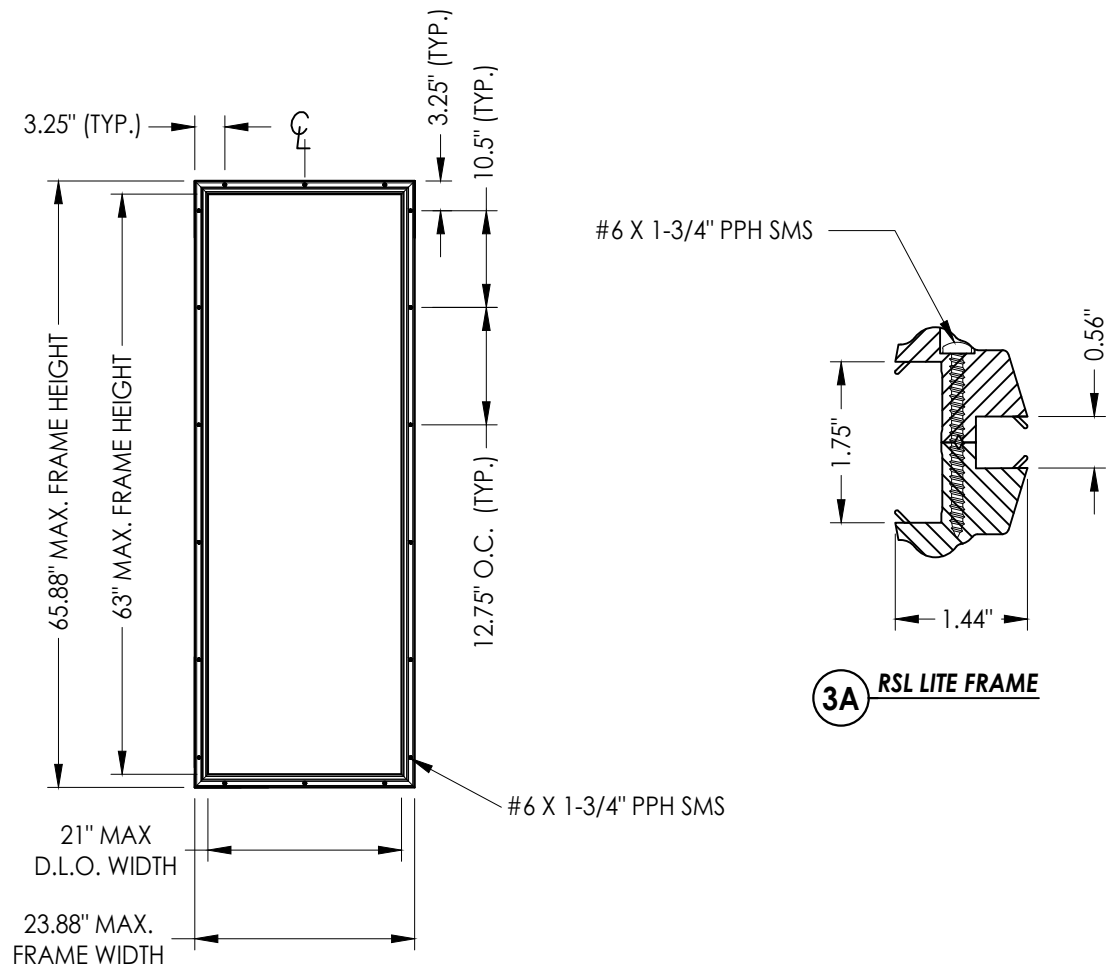
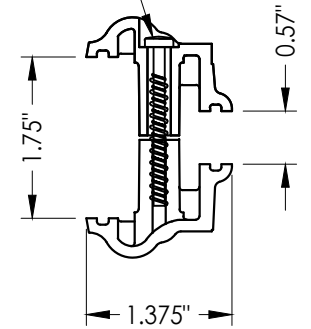
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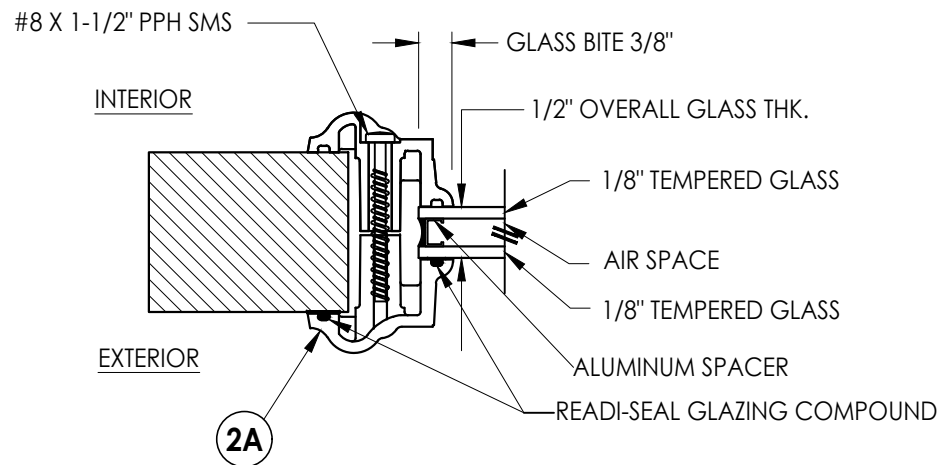
ODL LITE FRAME

2A ODL LITE FRAME
HP Polypropylene

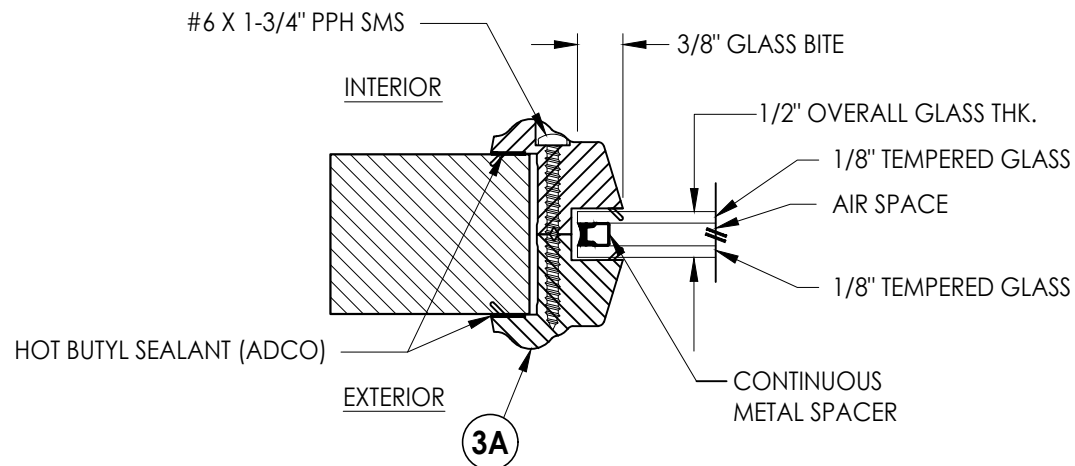


RSL LITE FRAME

3A RSL LITE FRAME



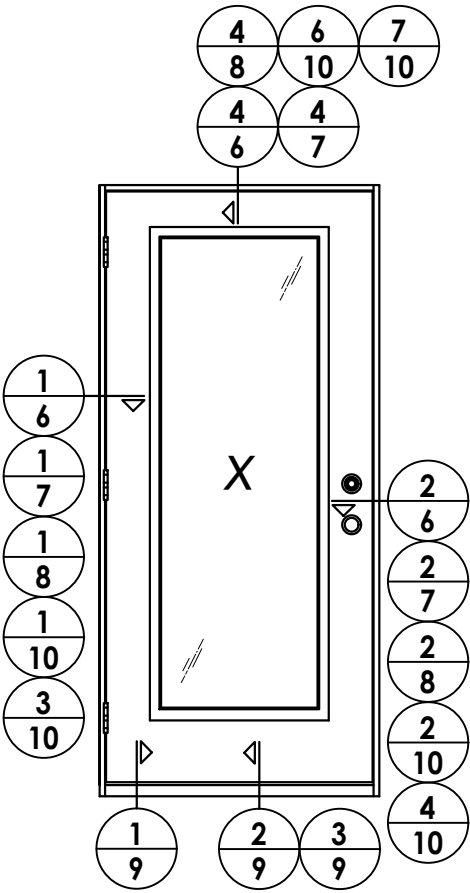
G1 GLAZING DETAIL



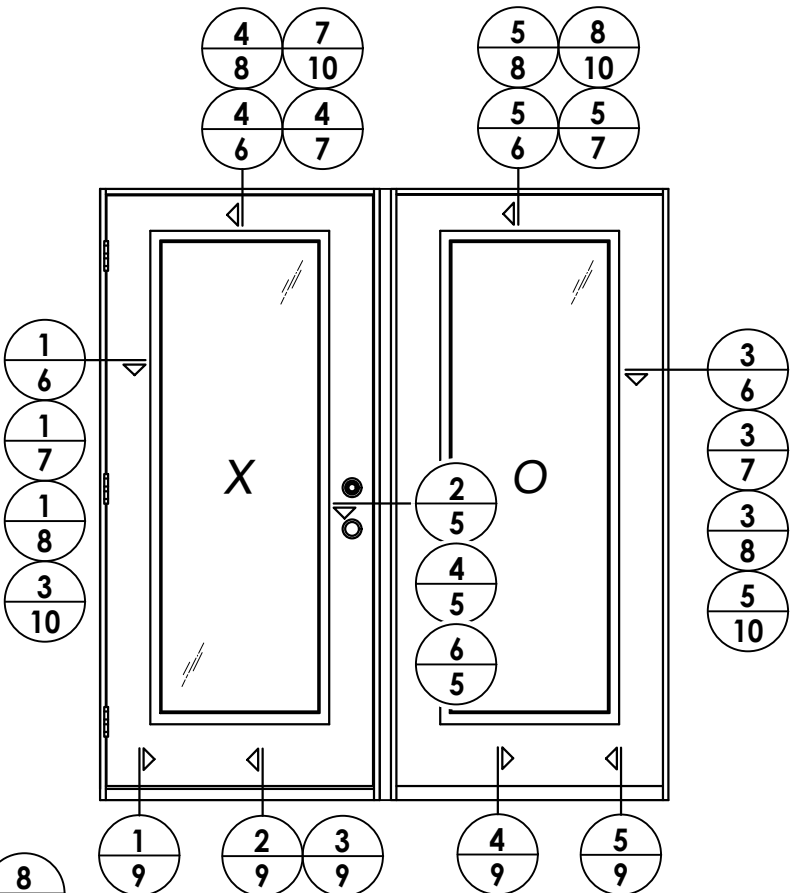
G2 GLAZING DETAIL

PRODUCT: PLASTPRO INC FIBERGLASS DOOR				PART OR ASSEMBLY: LITE FRAME GLAZING DETAILS			
			LFS				
		6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
		5	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
		4	11/16/20	ADD X00, OOX CONFIGURATIONS		LFS	
		NO.	DATE			BY	
REVISIONS							
DATE: 10/08/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17347.1							
SHEET 3 OF 13							
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			

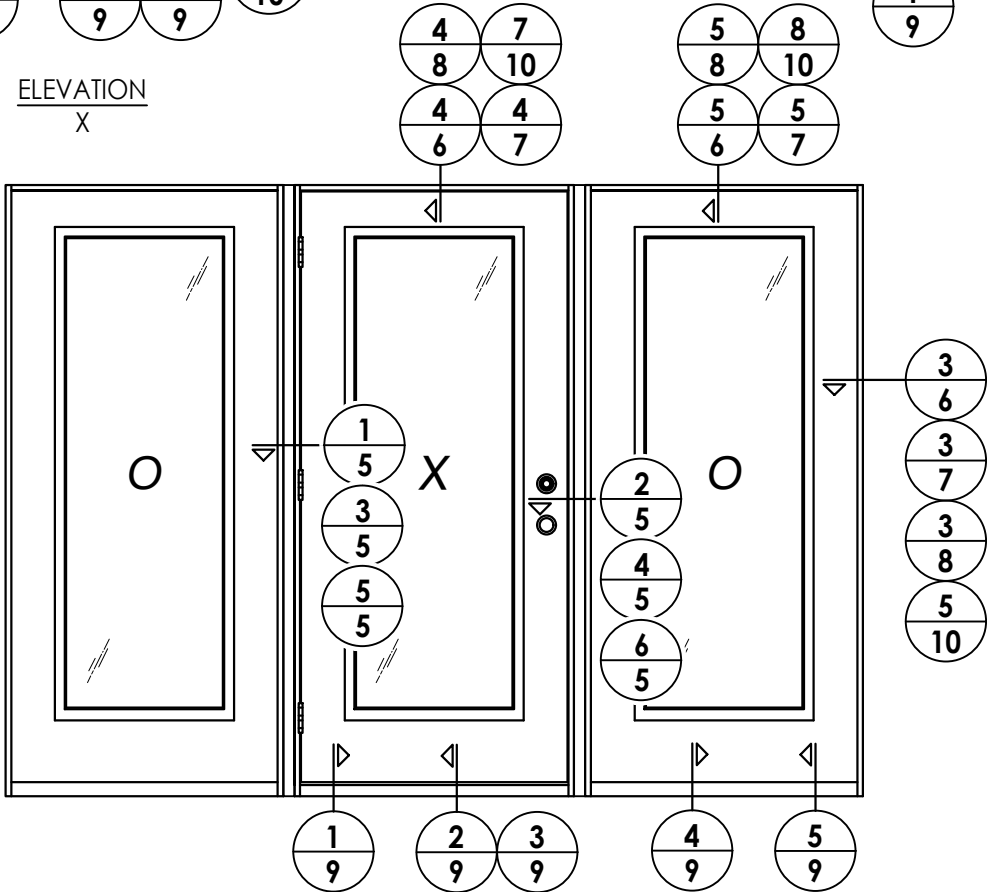
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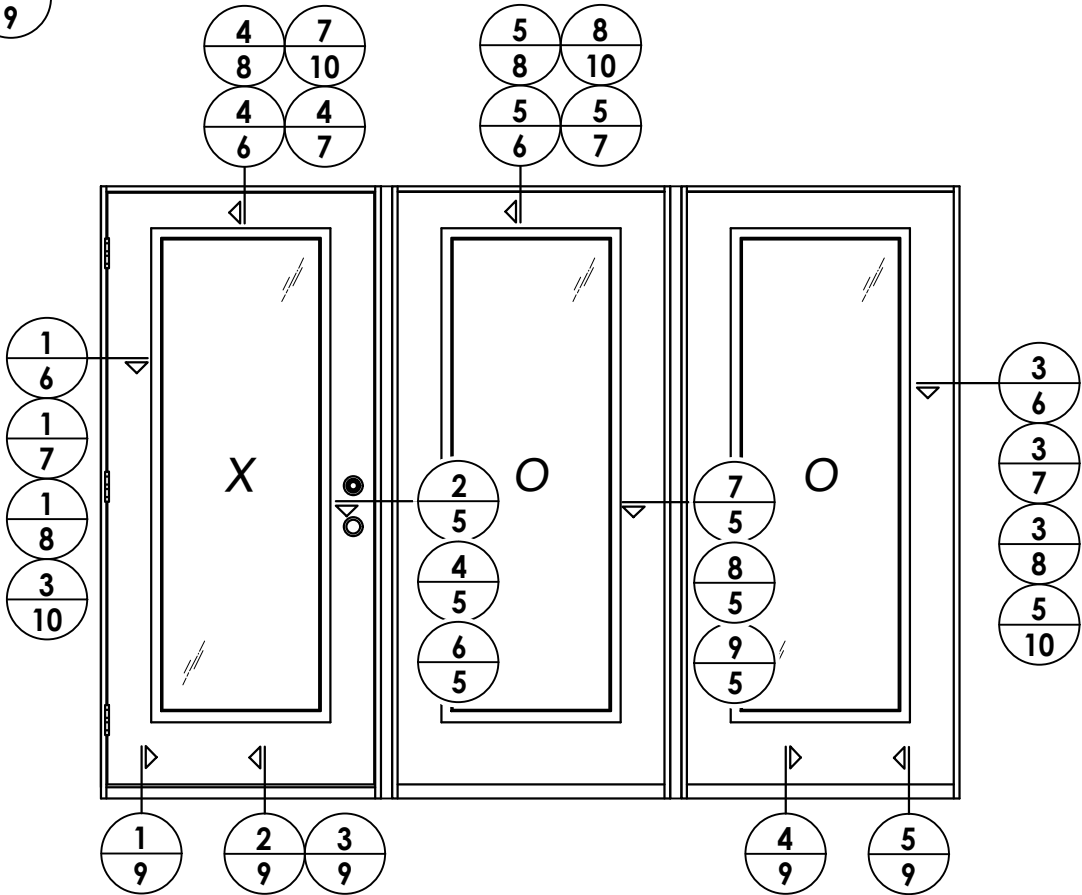
ELEVATION
X



ELEVATION
XO, OX



ELEVATION
OXO



ELEVATION
XOO, OOX

DATE: 10/08/14	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-17347.1	
SHEET 4 OF 13	

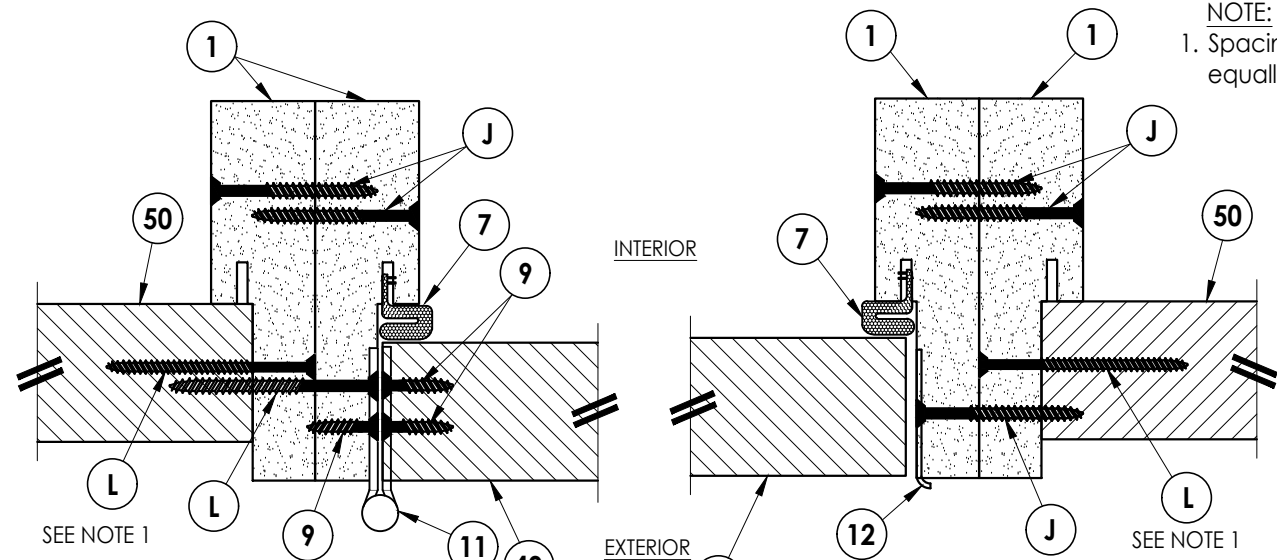
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5	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	11/16/20	ADD XOO, OOX CONFIGURATIONS LFS
		BY

PRODUCT:	PLASTPRO INC
	FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

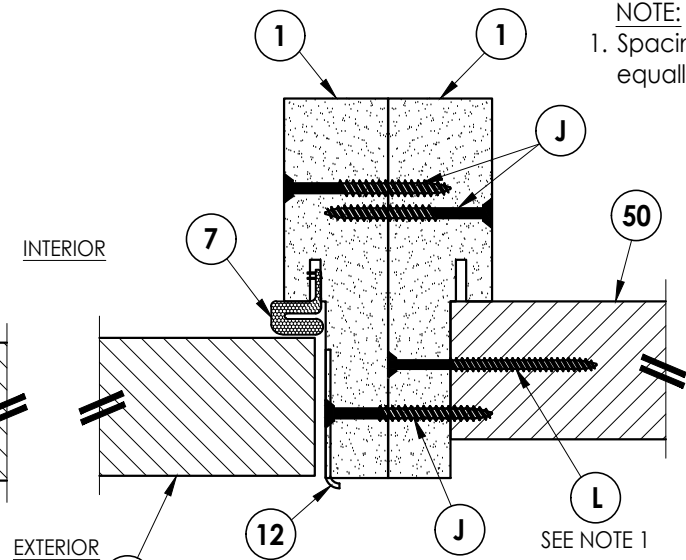
Documents Prepared By:
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P.E. No. 43409

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

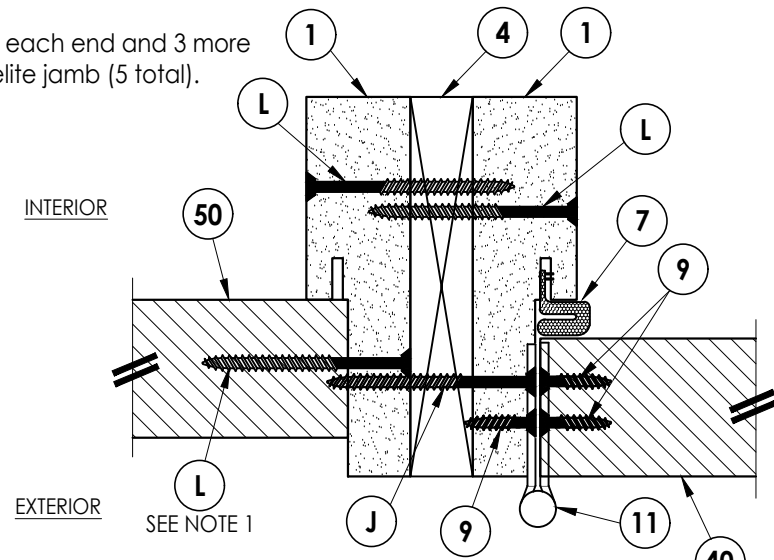
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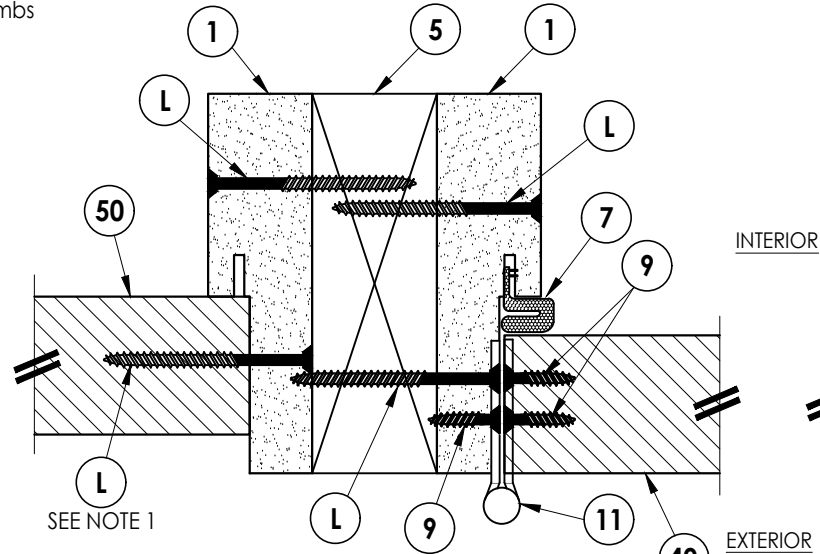
1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
Back to Back Jamb



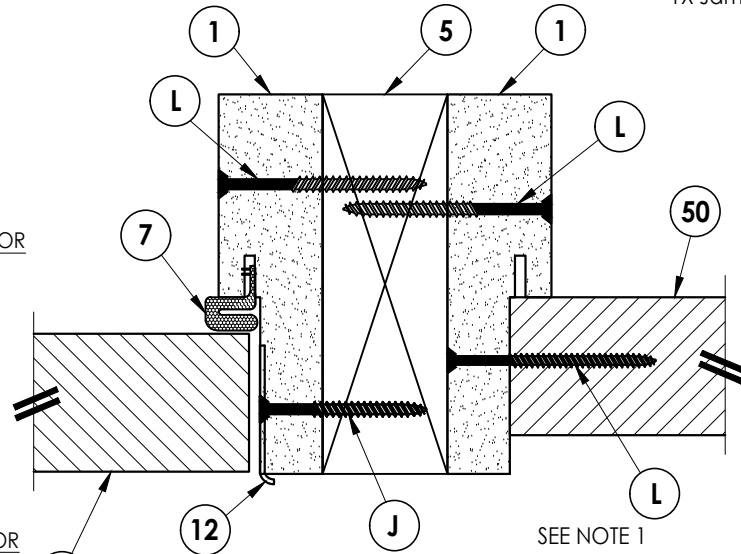
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
Back to Back Jamb



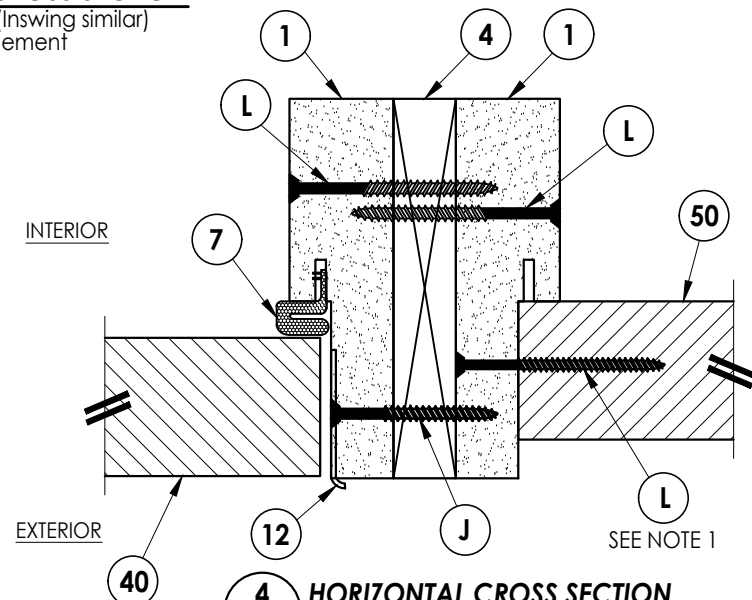
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
1X Jamb Reinforcement



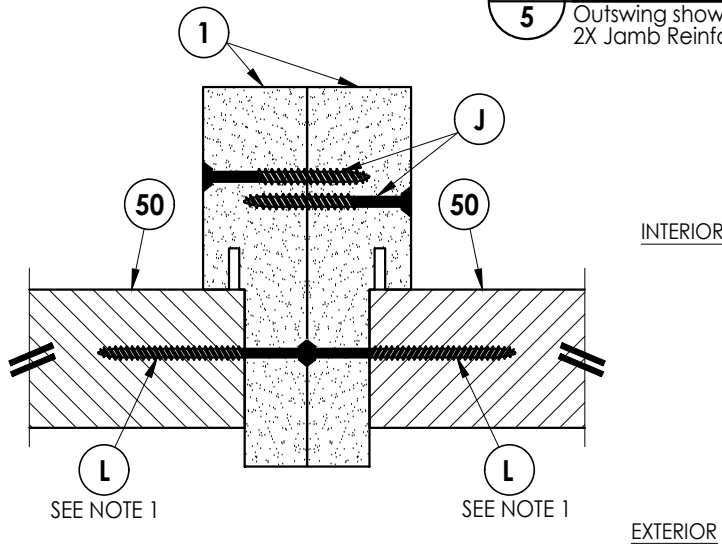
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
2X Jamb Reinforcement



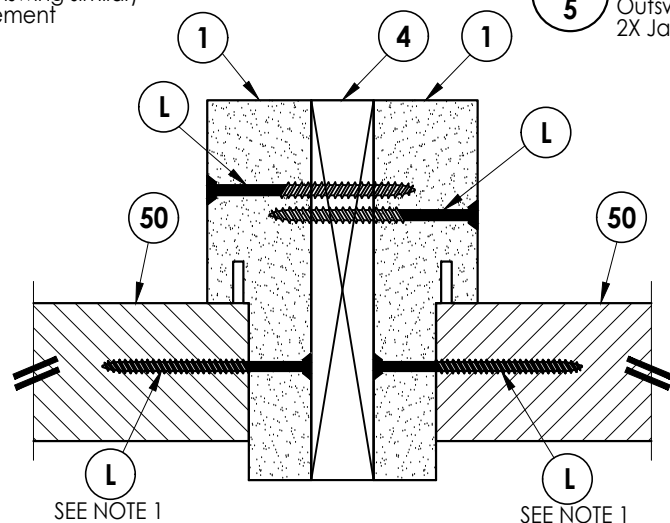
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
2X Jamb Reinforcement



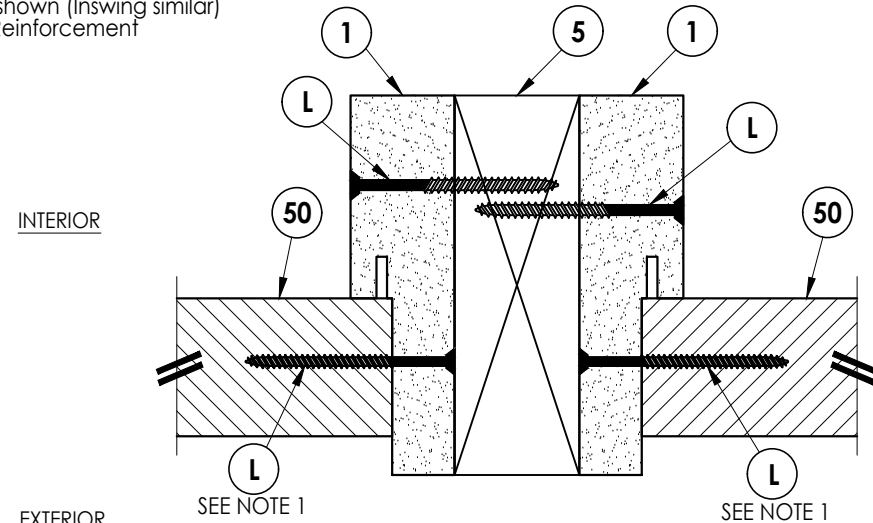
4
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
1X Jamb Reinforcement



7
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
Back to Back Jamb



8
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
1X Jamb Reinforcement



9
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
2X Jamb Reinforcement

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

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

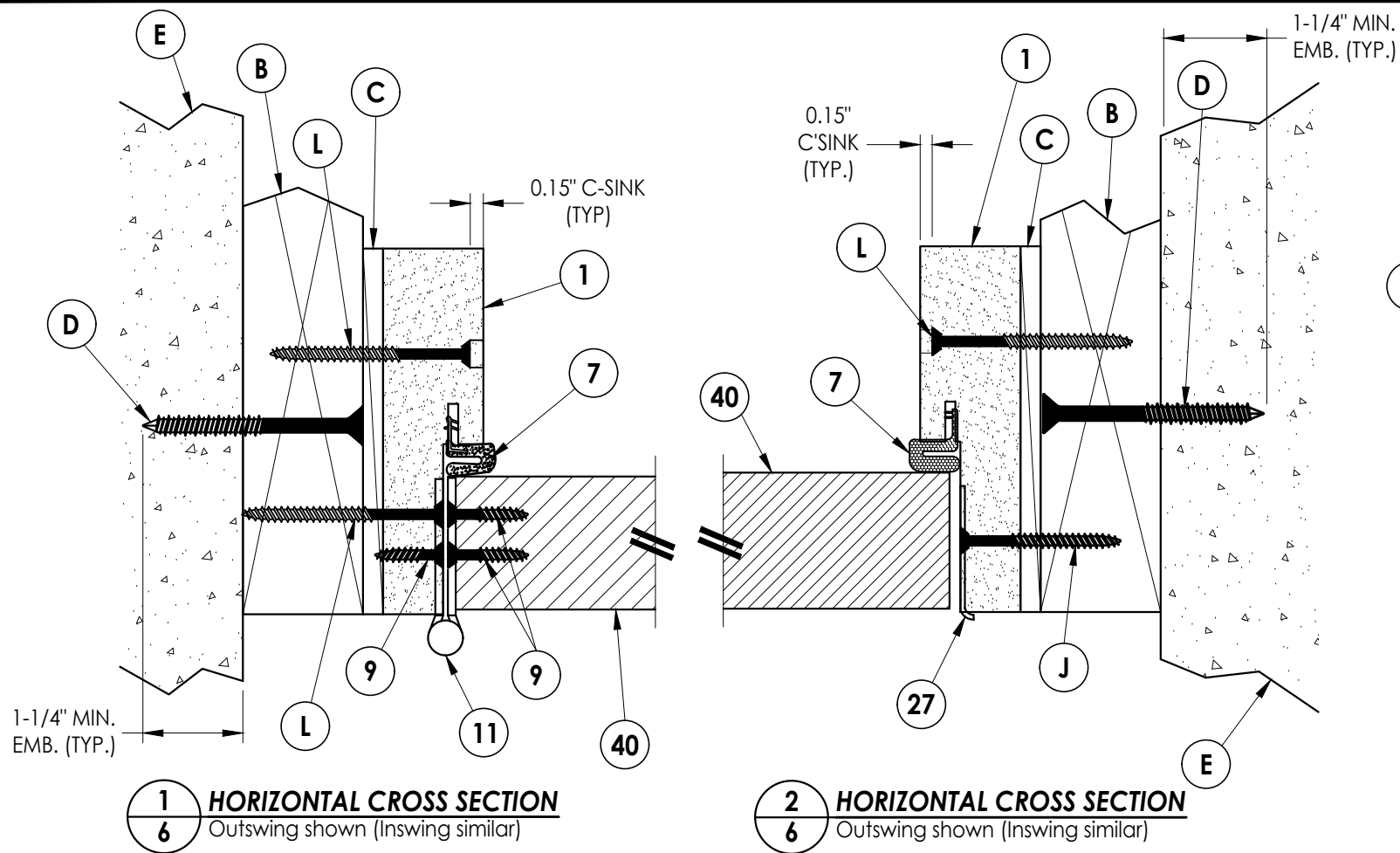
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

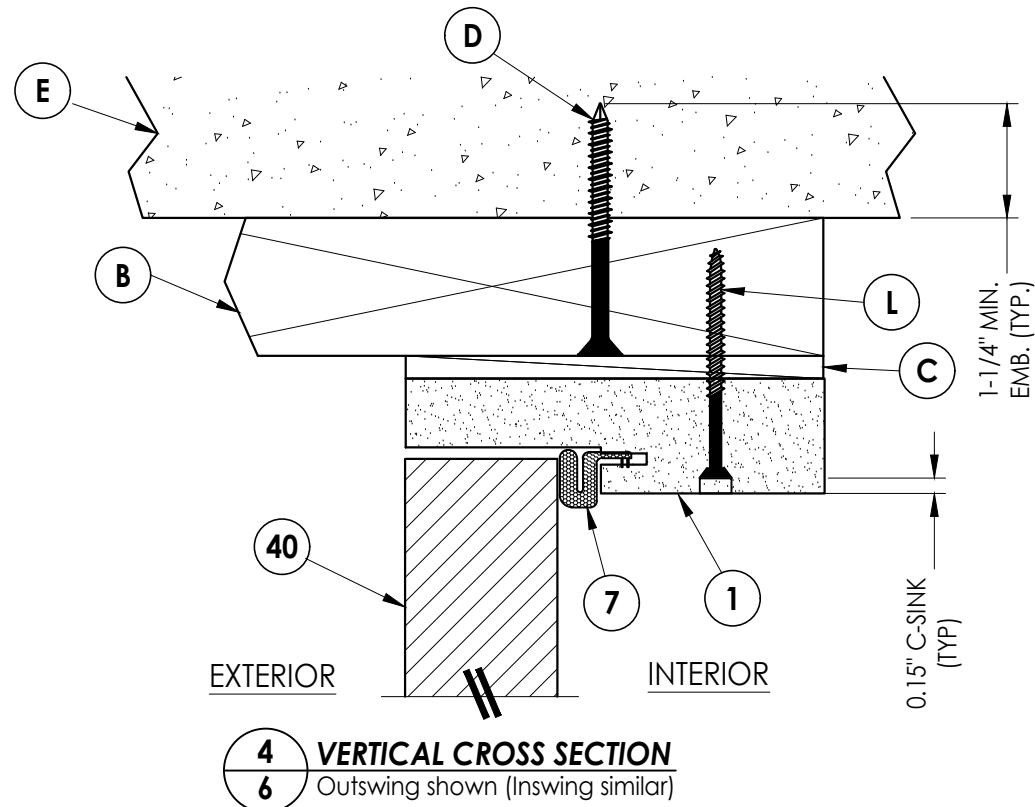
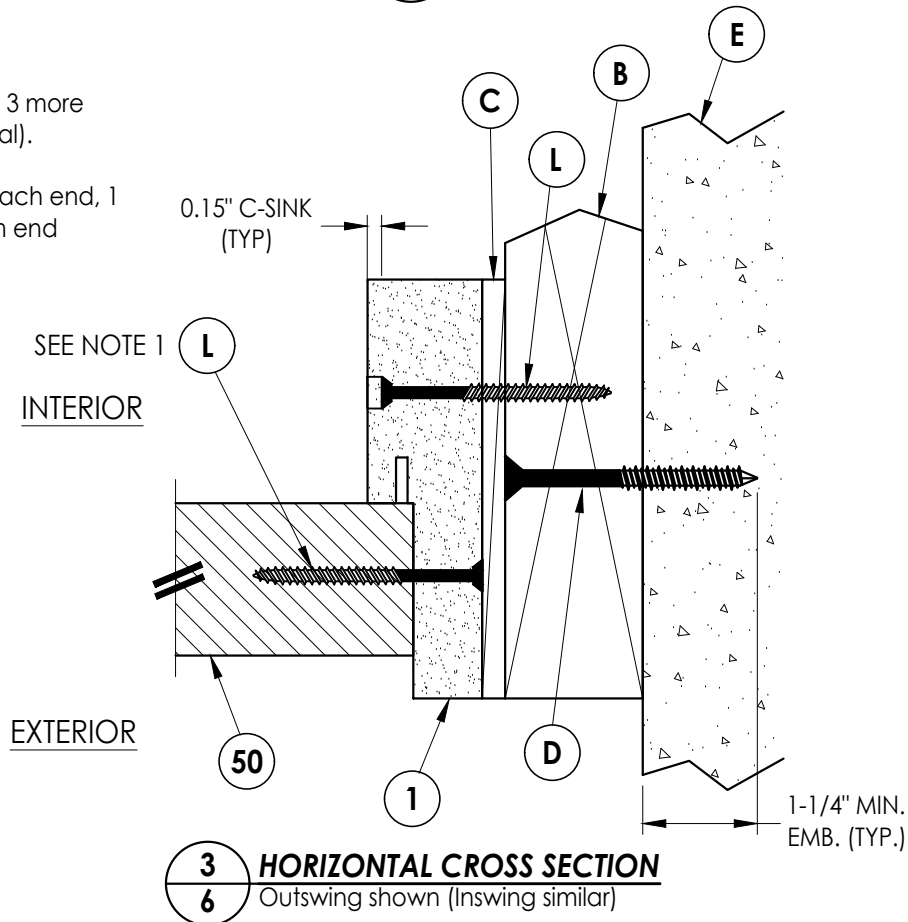
NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/10/23	UPDATE TO 8TH ED. (2023) FBC
4	11/16/20	ADD X00, OOX CONFIGURATIONS
3		
2		
1		

DATE: 10/08/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.1
SHEET 5 of 13

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- NOTE:
- Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).
 - Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



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

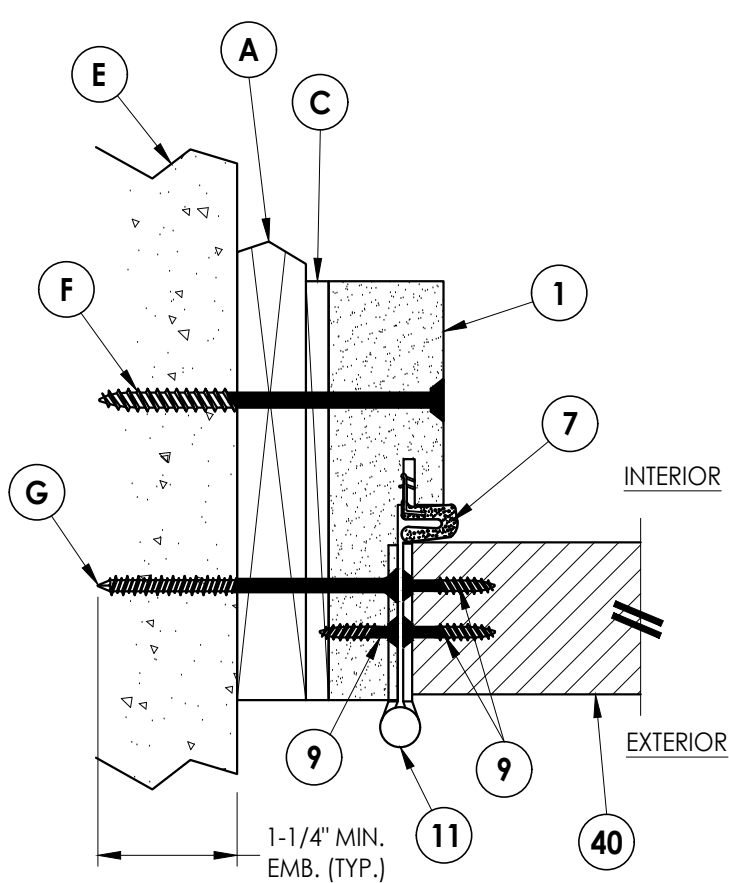
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

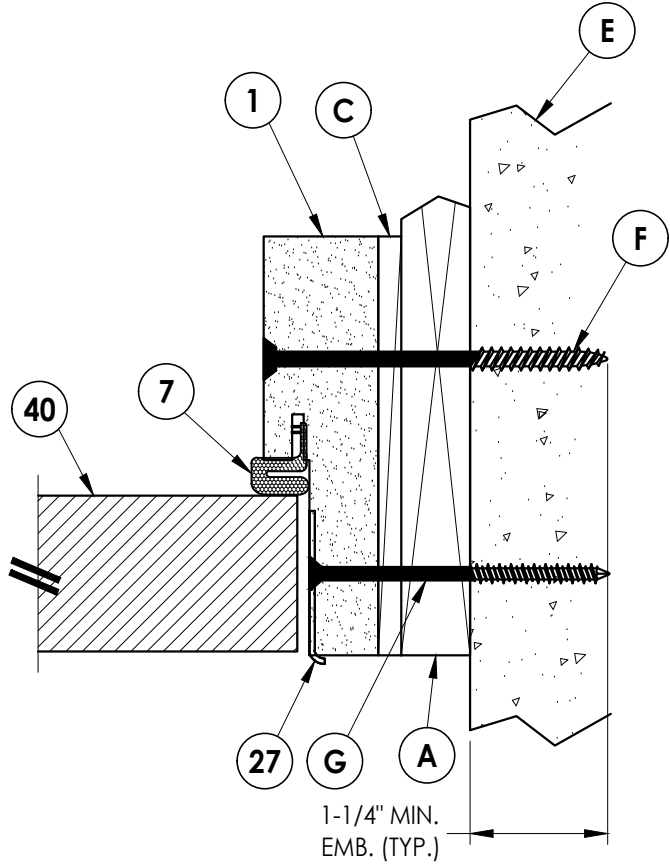
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/10/23	UPDATE TO 8TH ED. (2023) FBC
4	11/16/20	ADD XOO, OOX CONFIGURATIONS
3		
2		
1		
DATE: 10/08/14		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: FL-17347.1		
SHEET 6 OF 13		

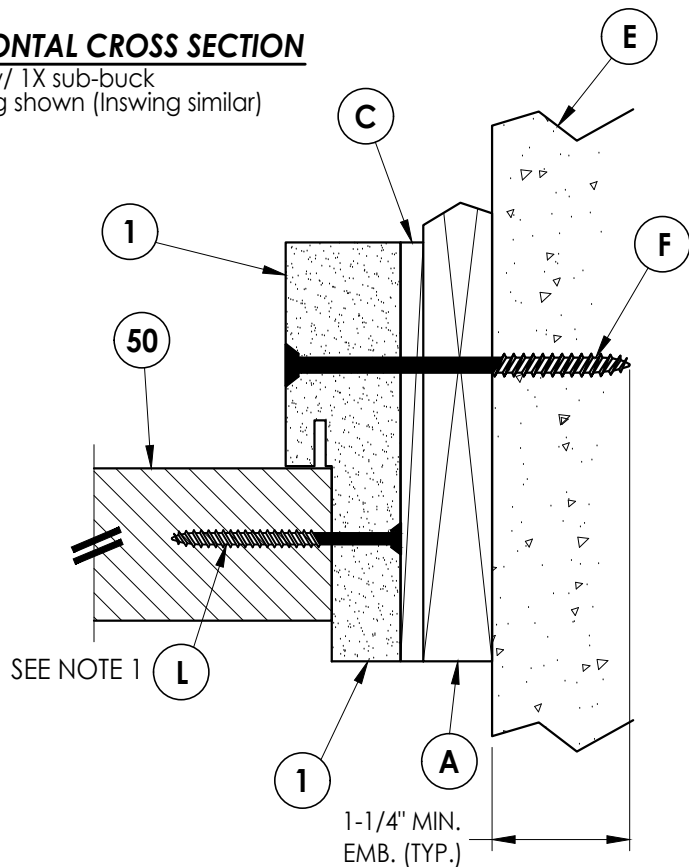
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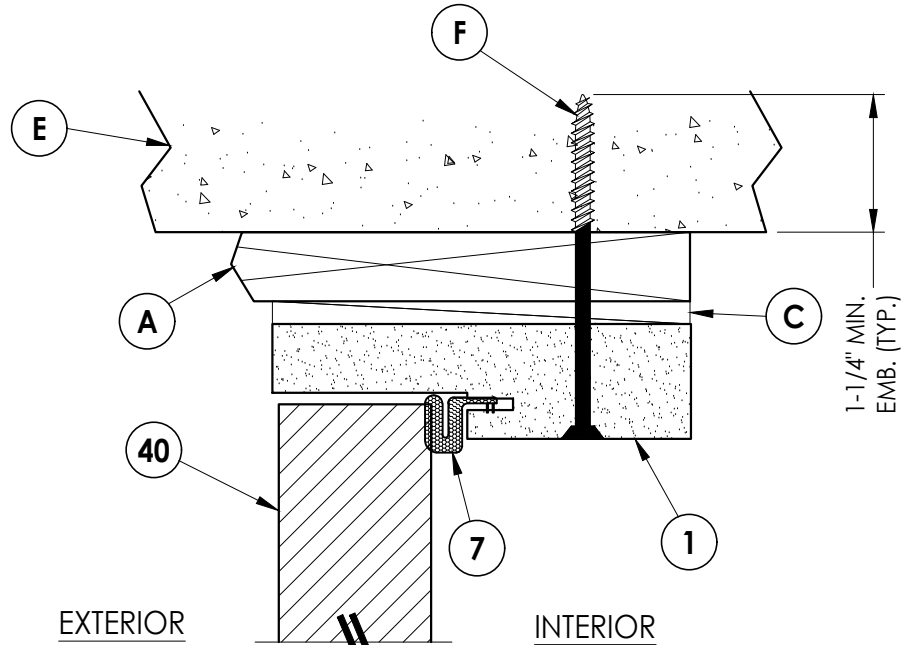
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



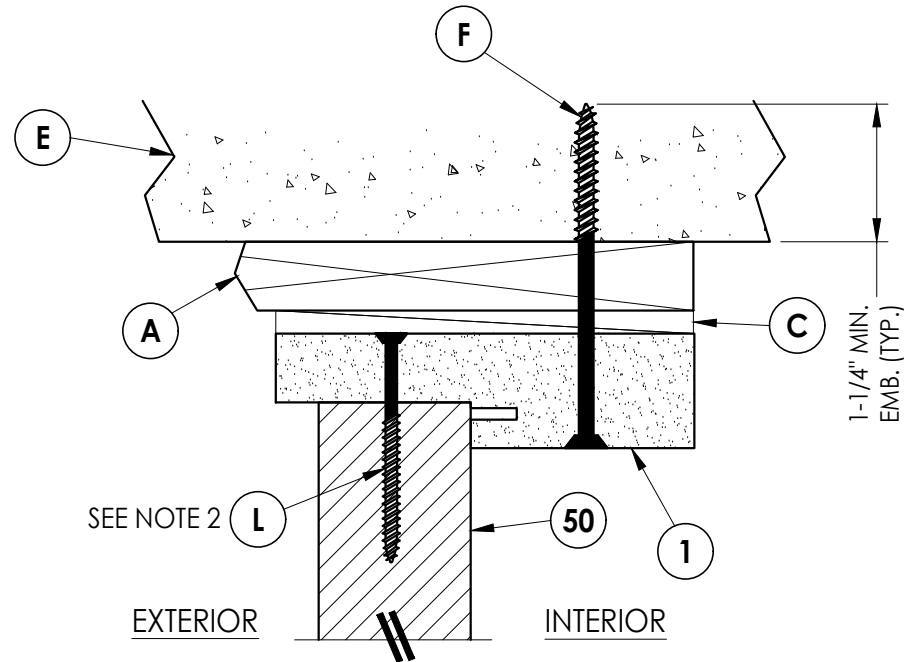
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



5
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

- NOTE:
1. Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).
 2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

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P.E. No. 43409

RW 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 (1X BUCK)

NO.	DATE	REVISIONS	BY
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	11/16/20	ADD X00, OOX CONFIGURATIONS	LFS

DATE: 10/08/14

SCALE: N.T.S.

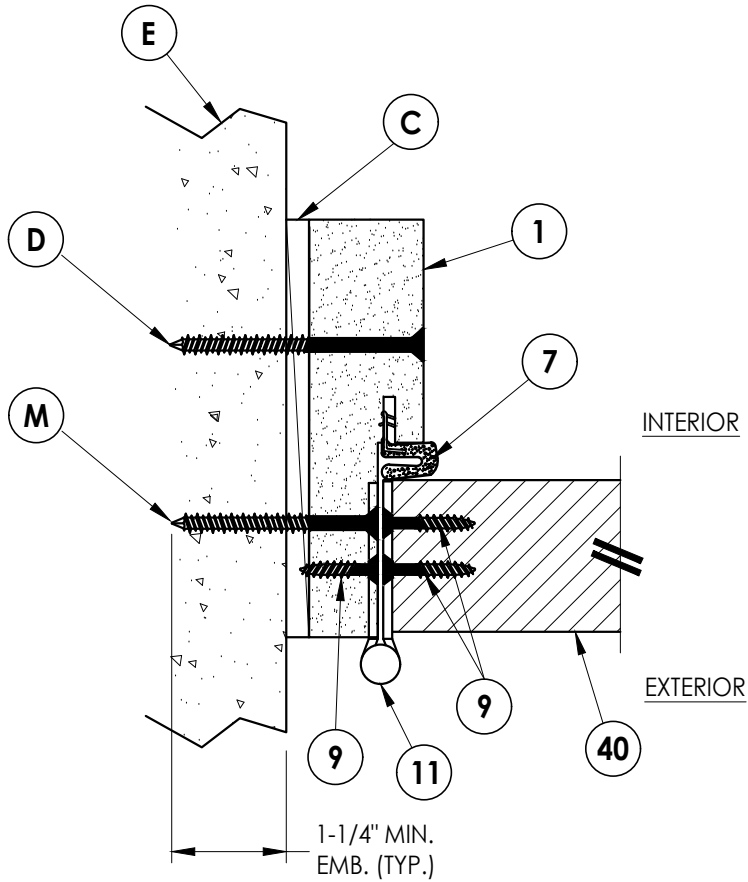
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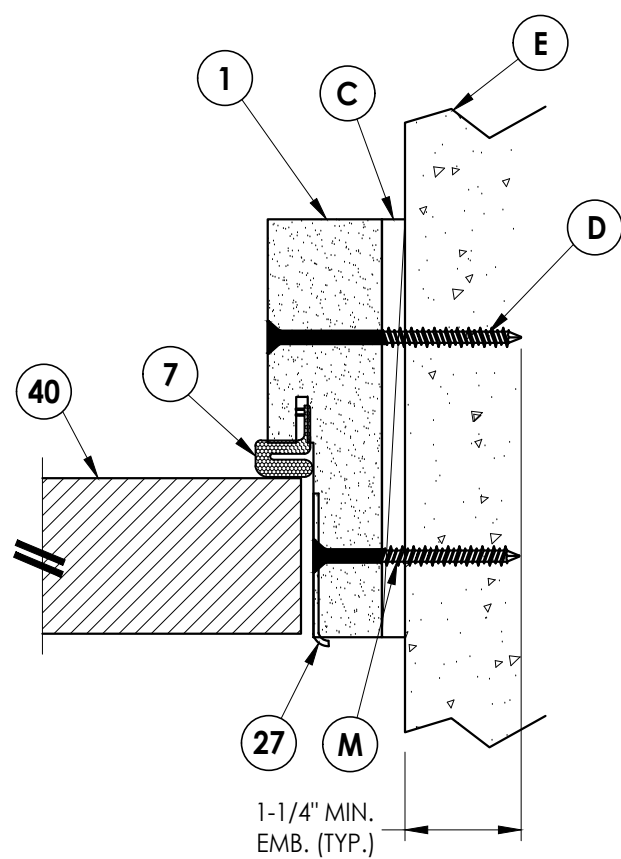
DRAWING NO.:
FL-17347.1

SHEET 7 OF 13

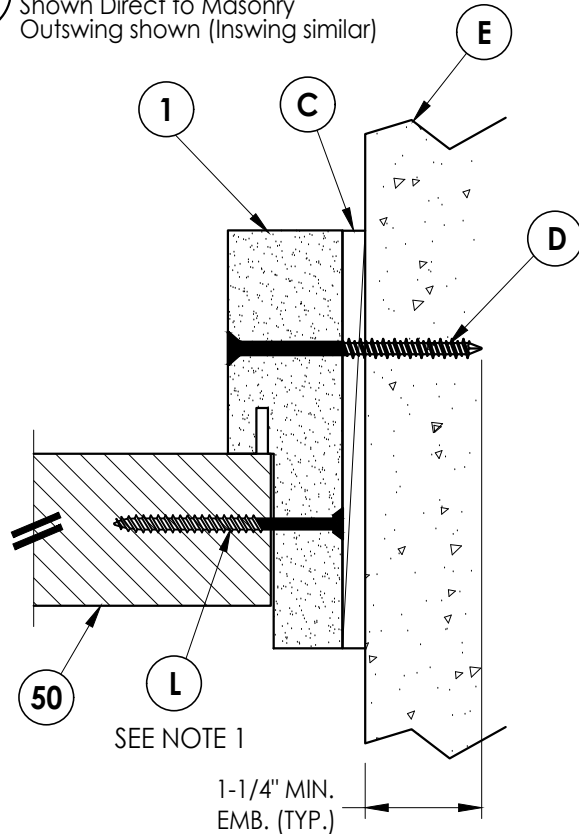
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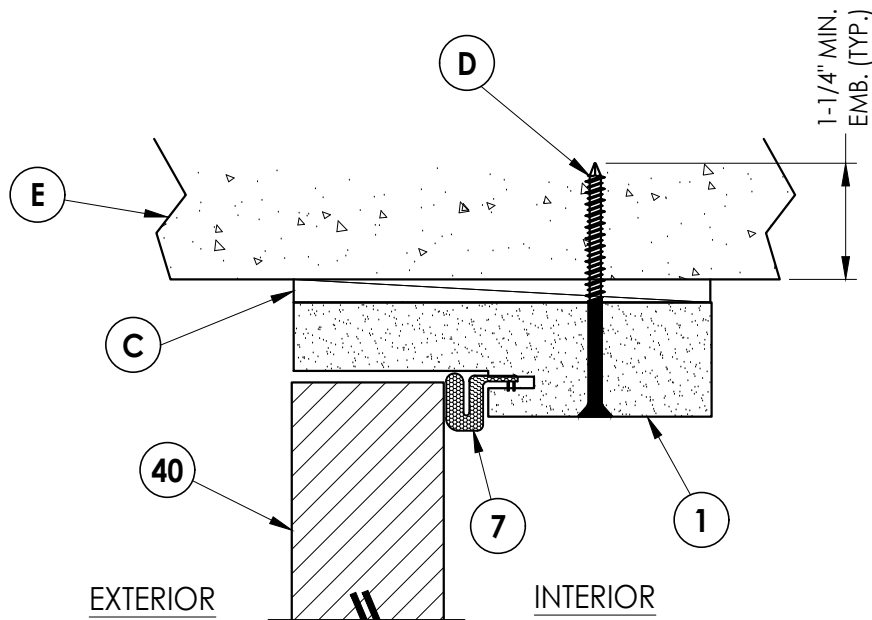
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8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



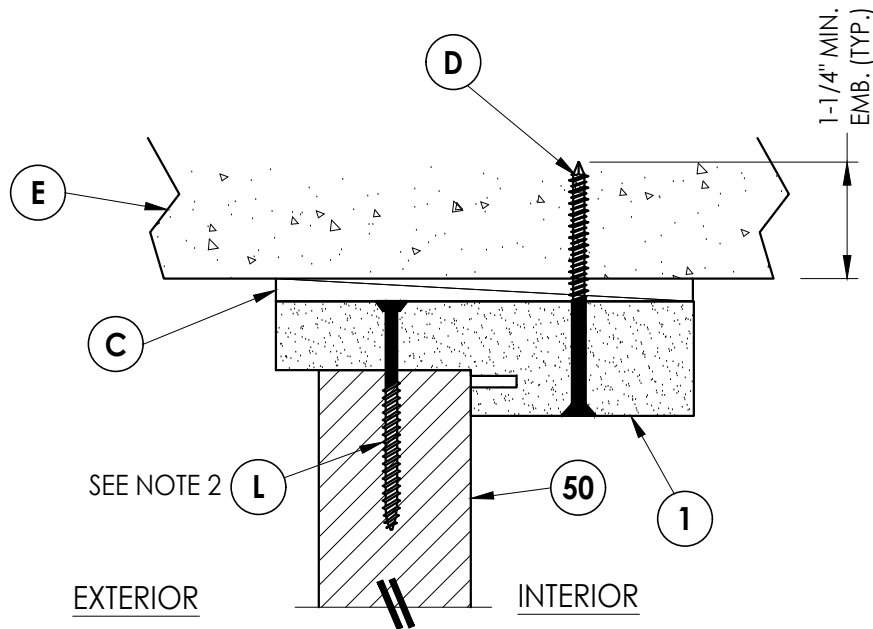
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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

NOTE:

1. Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).
2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

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

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

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

DATE: 10/08/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

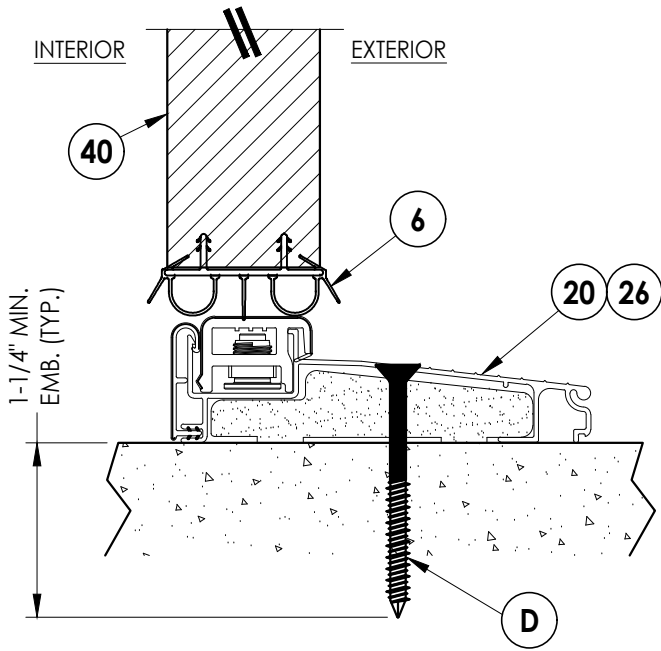
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FL-17347.1

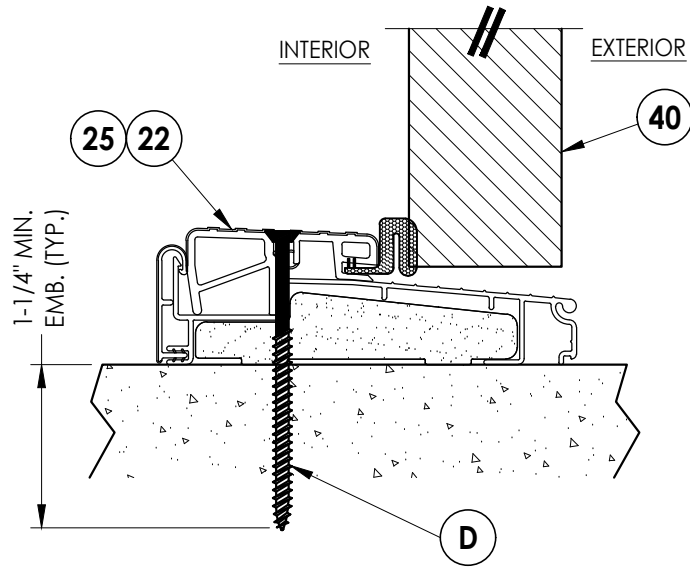
SHEET 8 OF 13

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

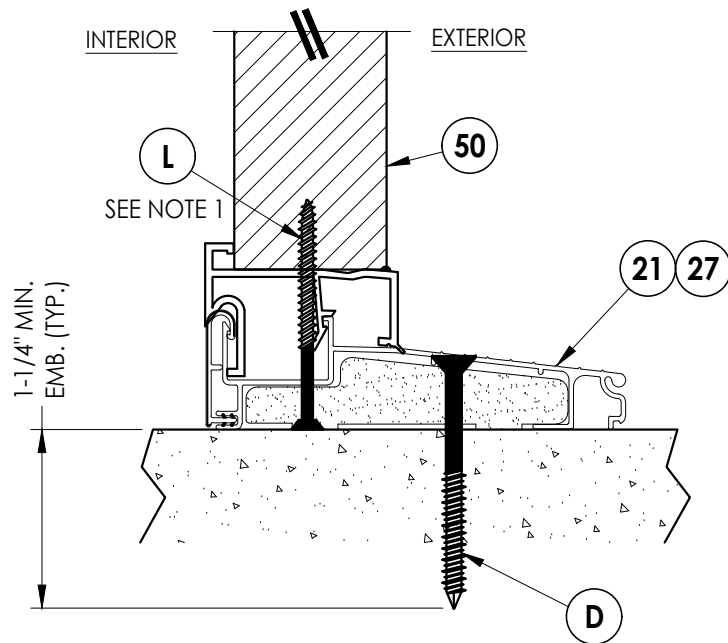
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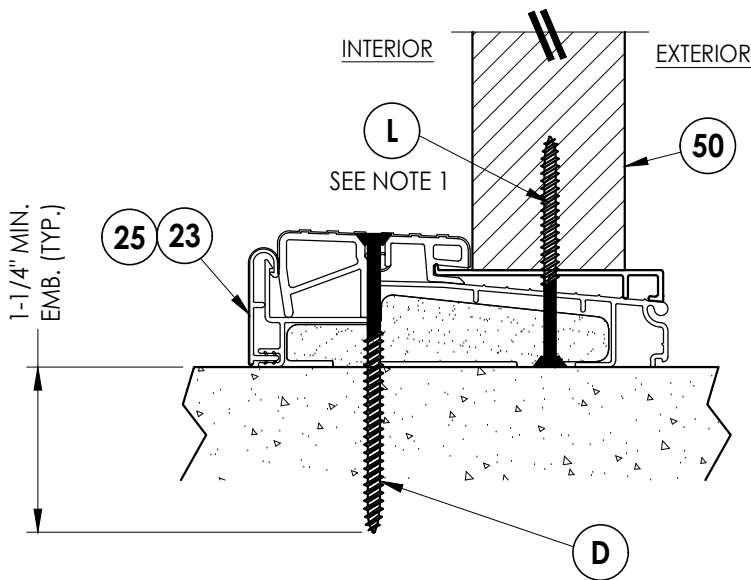
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9 **VERTICAL CROSS SECTION**
Inswing sill



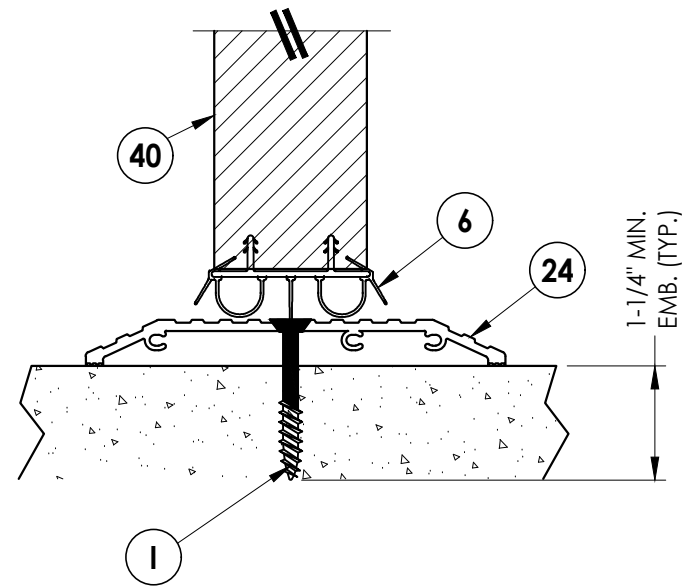
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9 **VERTICAL CROSS SECTION**
Outswing sill



4
9 **VERTICAL CROSS SECTION**
Inswing sill



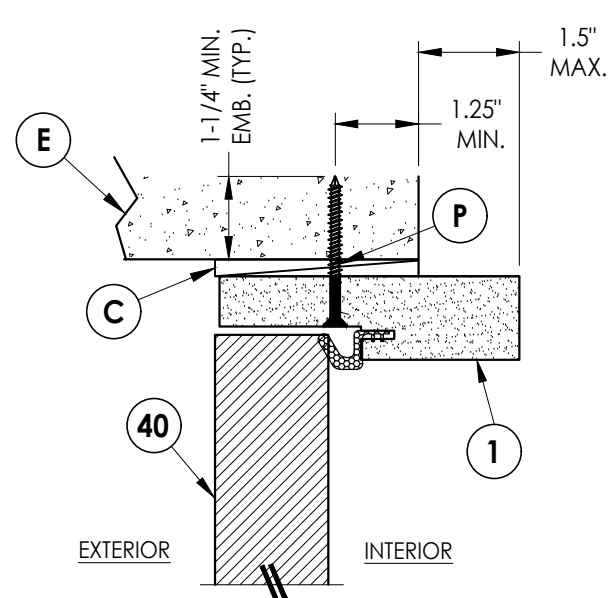
5
9 **VERTICAL CROSS SECTION**
Inswing sill



3
9 **VERTICAL CROSS SECTION**
ADA Sill

NOTE:
1. Spacing for item L @ head & sill: 6" from each end,
1 @ centerline, 2 additional at 3" & 4.5" from end
adjacent to door.

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: VERTICAL CROSS SECTIONS (THRESHOLDS)					
		LFS					
		UPDATE TO 9TH ED. (2026) FBC					
		8/10/23	UPDATE TO 8TH ED. (2023) FBC				
		4	11/16/20	ADD X00, OOX CONFIGURATIONS			
		NO.	DATE				
				REVISIONS			
DATE: 10/08/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17347.1							
SHEET 9 OF 13							



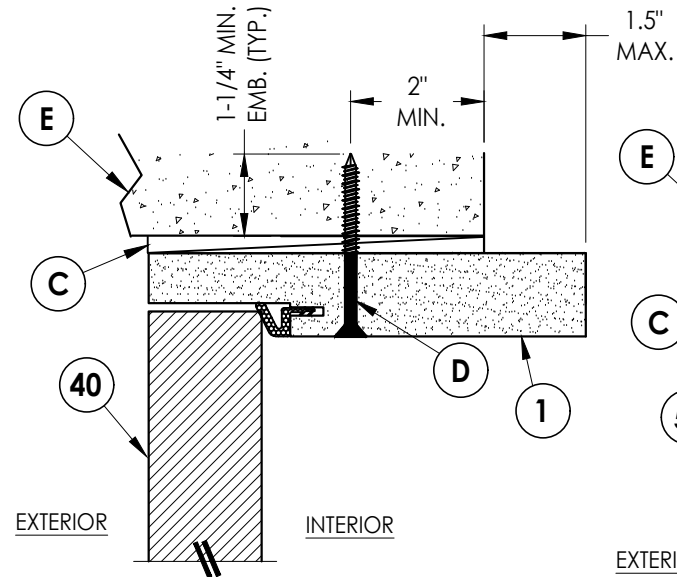
6 VERTICAL CROSS SECTION

10 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single door only (N/A W/ Sidelites)

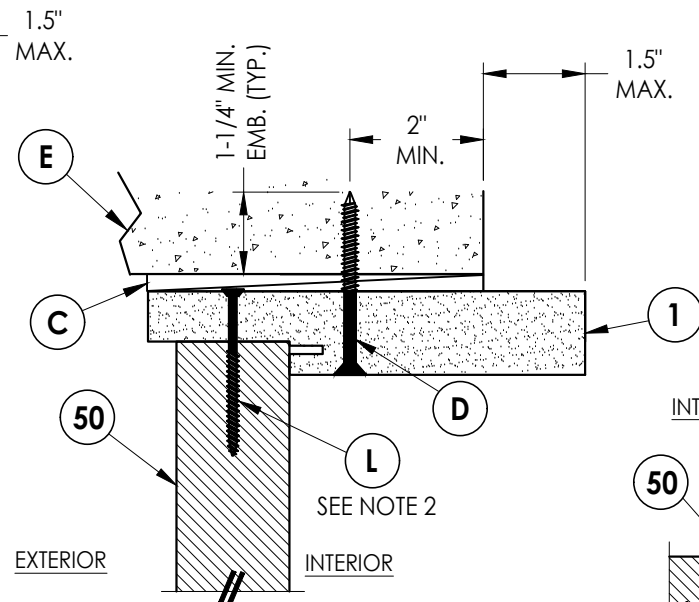
NOTE:

1. Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).

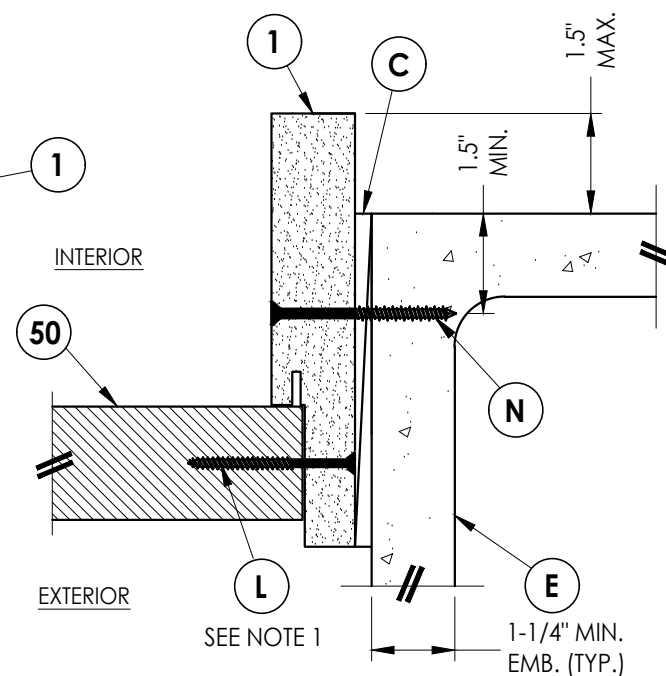
2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



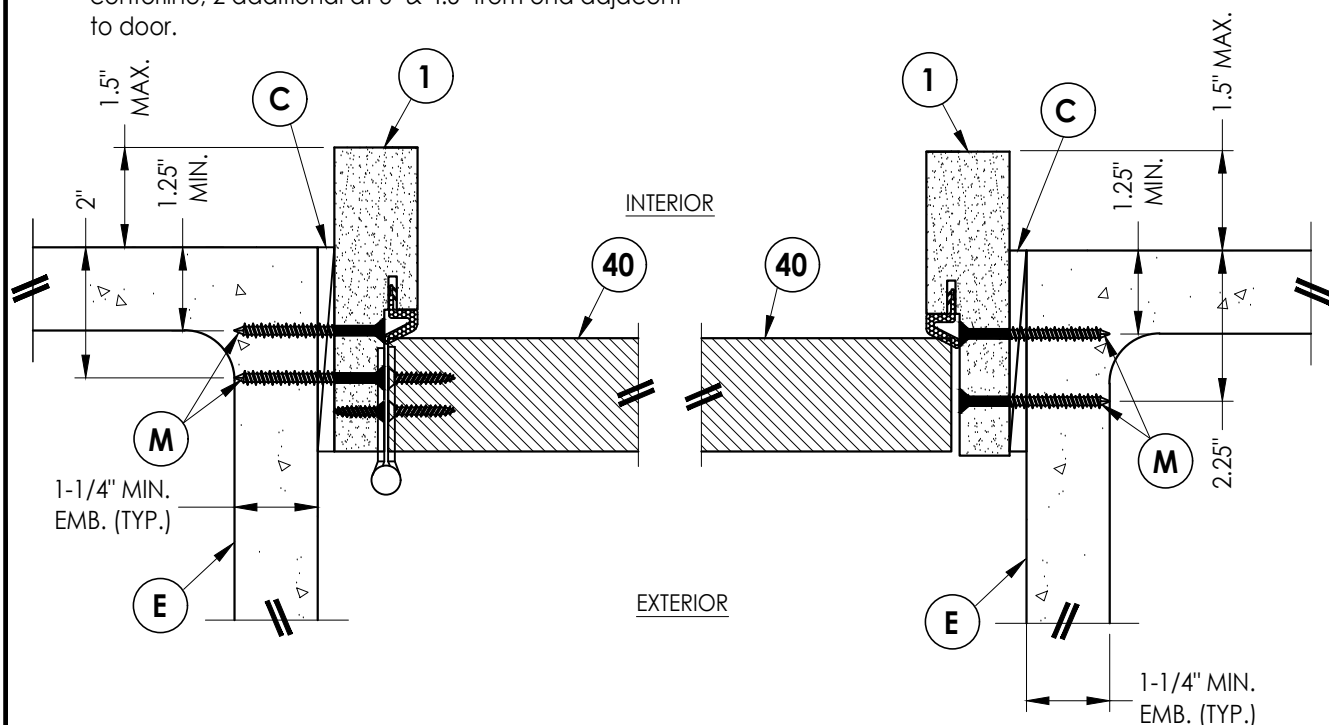
7 VERTICAL CROSS SECTION



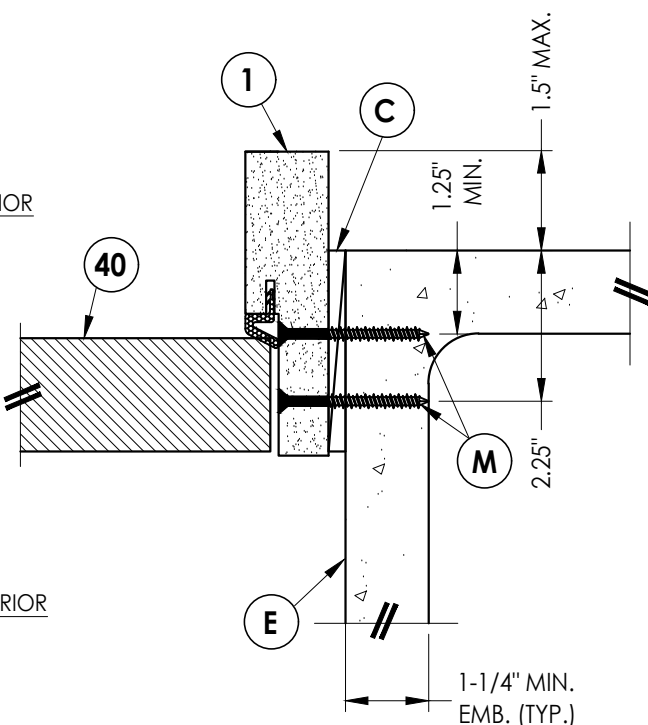
3 VERTICAL CROSS SECTION



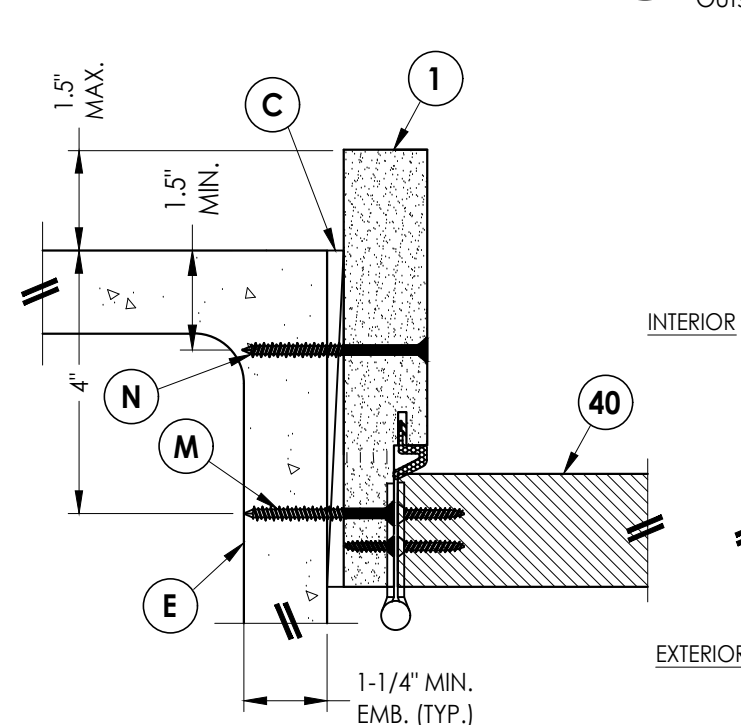
5 **HORIZONTAL CROSS SECTION**
10 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



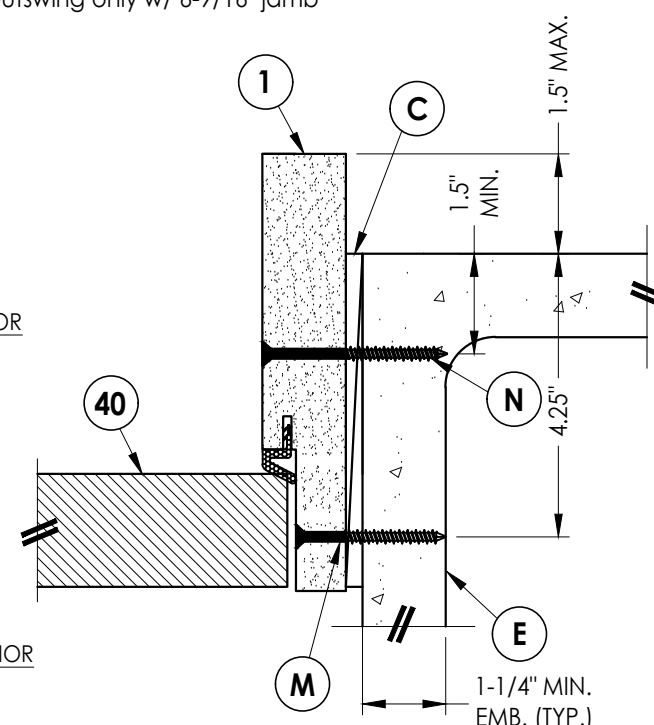
1 HORIZONTAL CROSS SECTION



2 HORIZONTAL CROSS SECTION



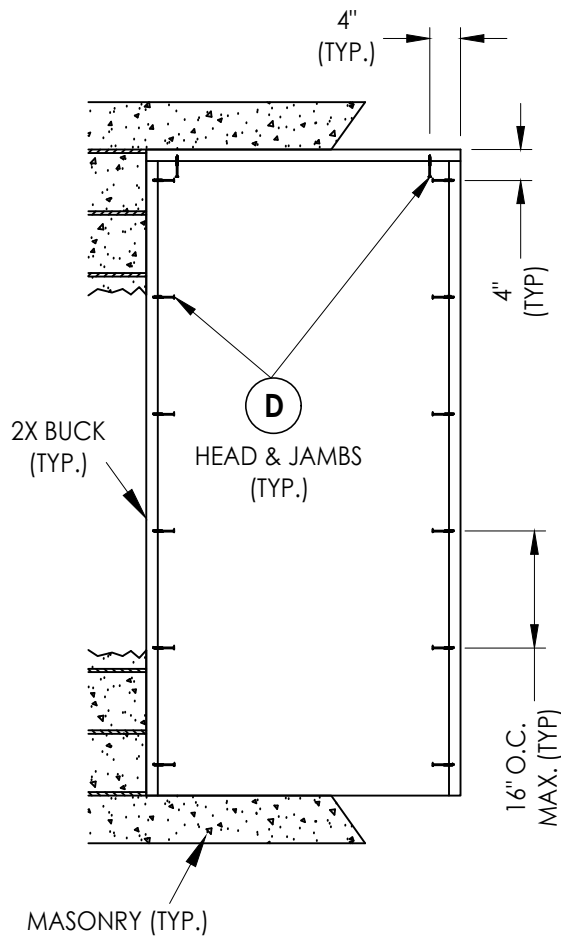
3 HORIZONTAL CROSS SECTION



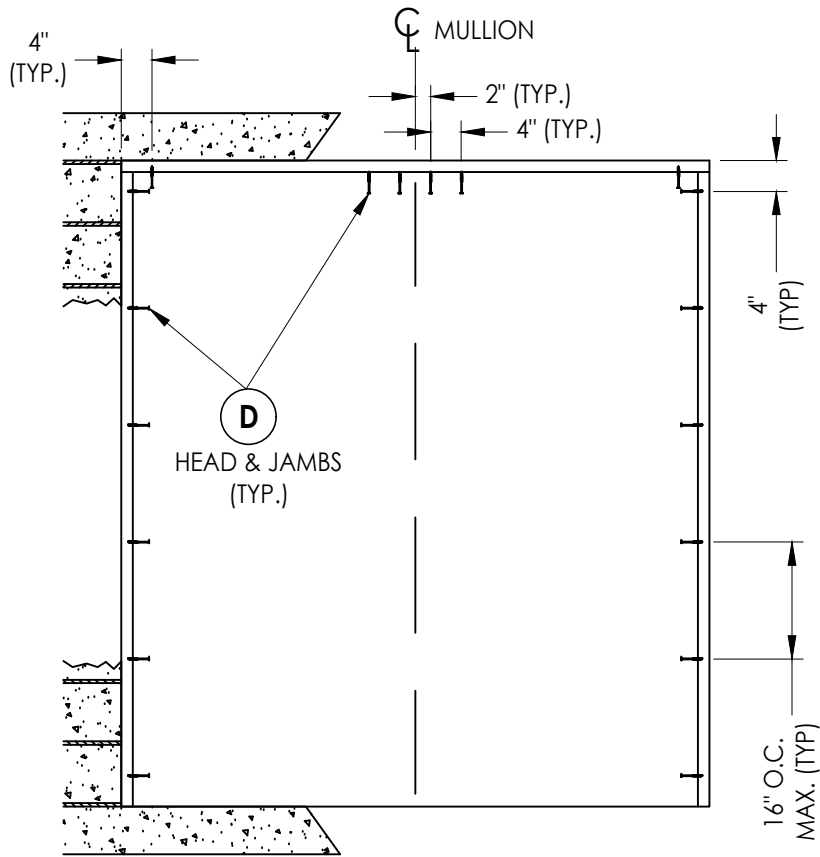
4 HORIZONTAL CROSS SECTION
Shown Direct to Masonry

[illegible]

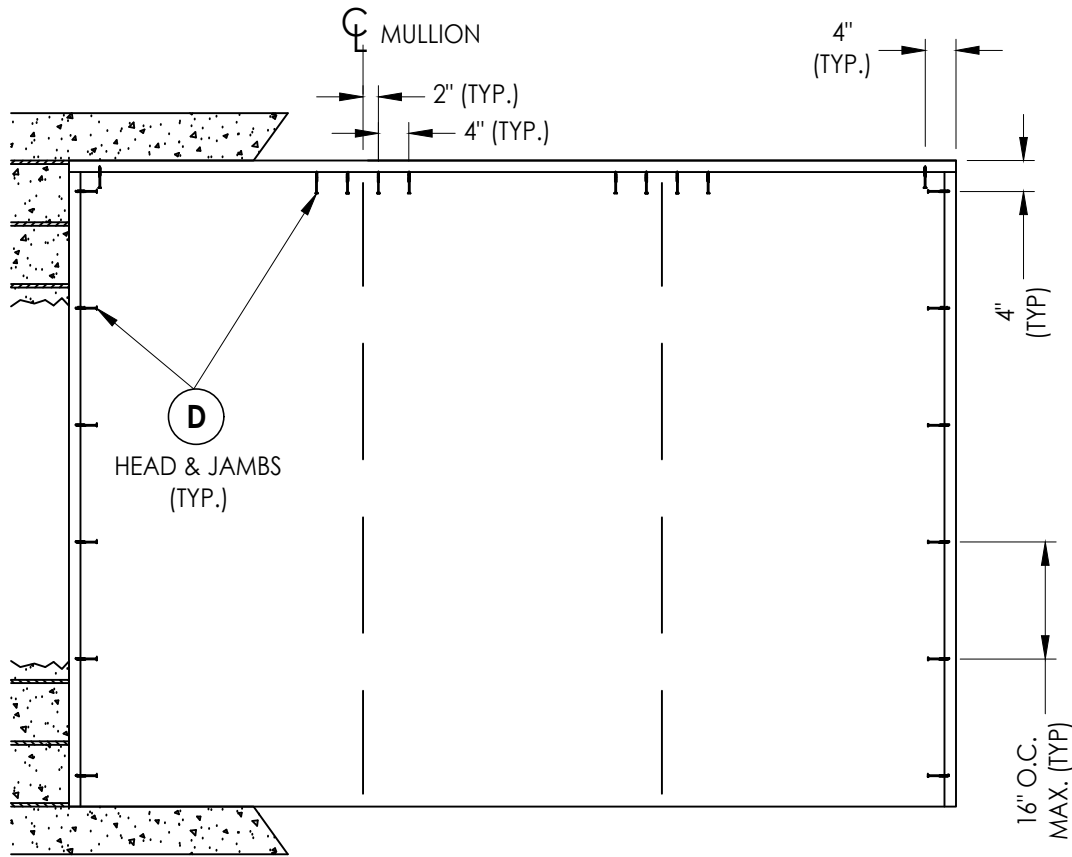
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17347 R7\FL-17347.1.dwg



X



XO, OX



OXO, XOO, OOX

2X BUCK ANCHORING

DATE: 10/08/14	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-17347.1	
SHEET	11 OF 13

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/10/23	UPDATE TO 8TH ED. (2023) FBC
4	11/16/20	ADD XOO, OOX CONFIGURATIONS

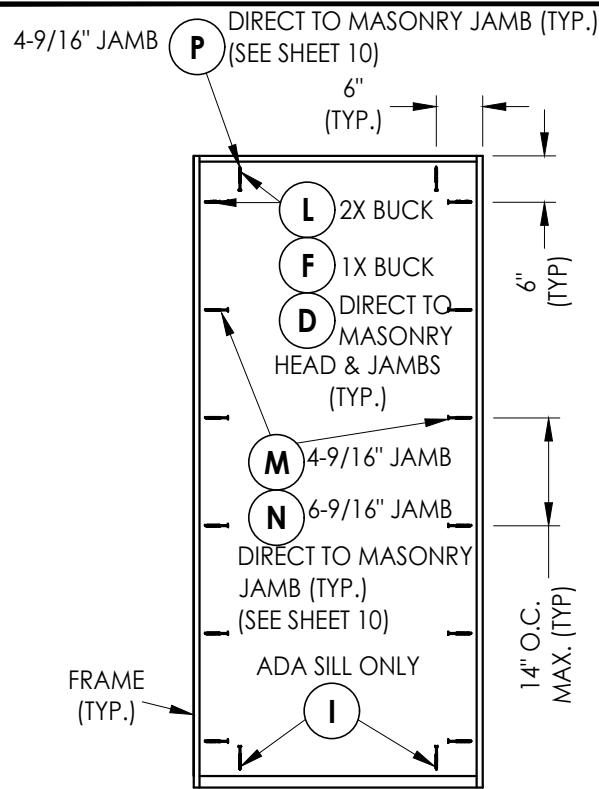
PRODUCT: PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	

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

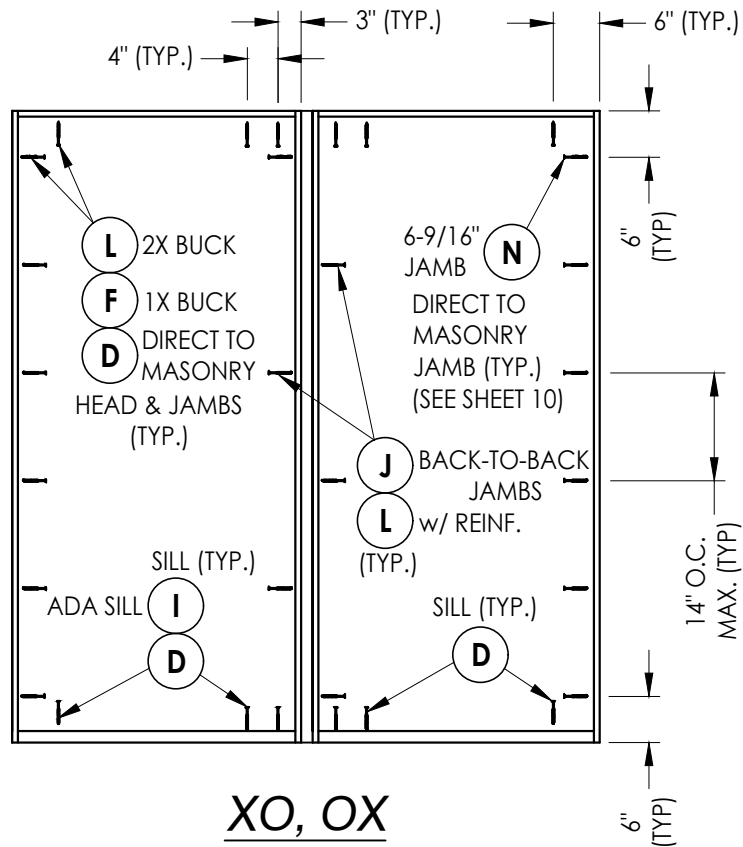
RW

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

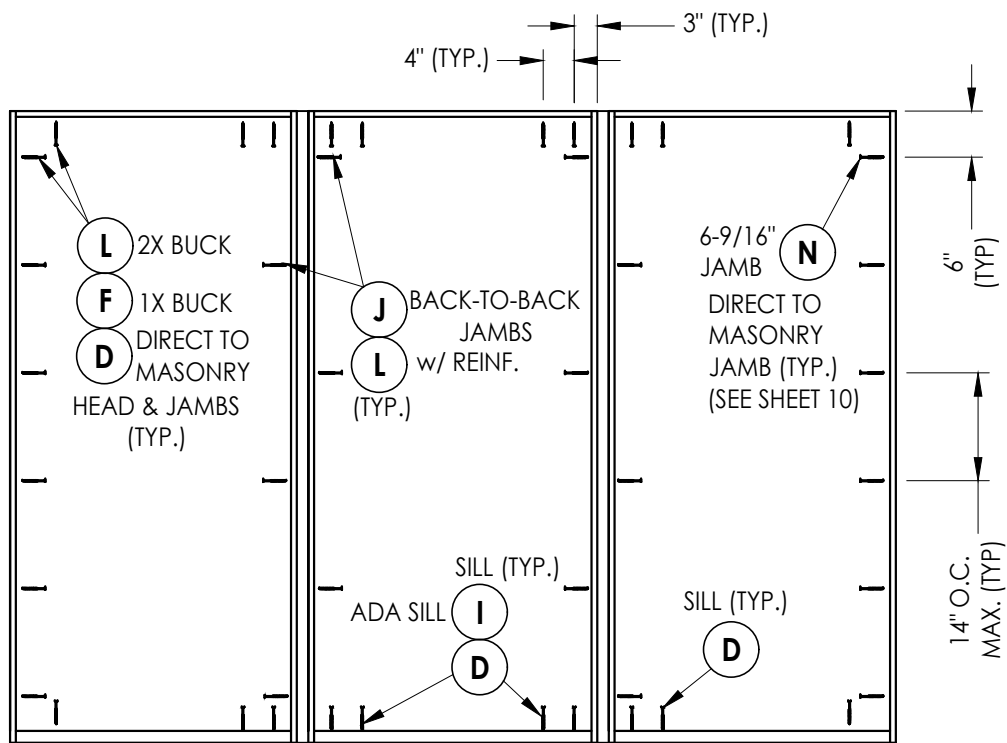
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17347 R7\FL-17347.1.dwg



X



XO, OX

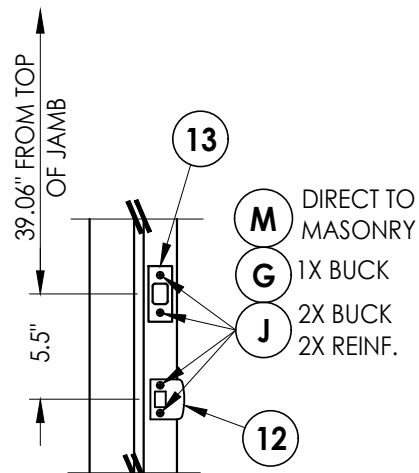


OXO, XO, OOX

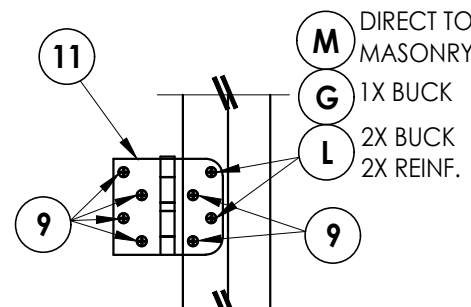
FRAME ANCHORING

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

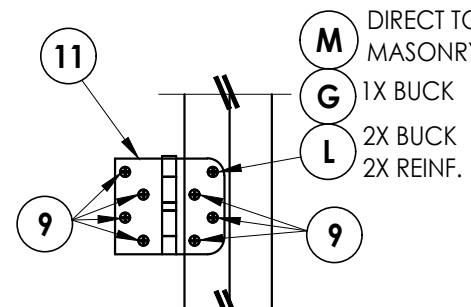
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



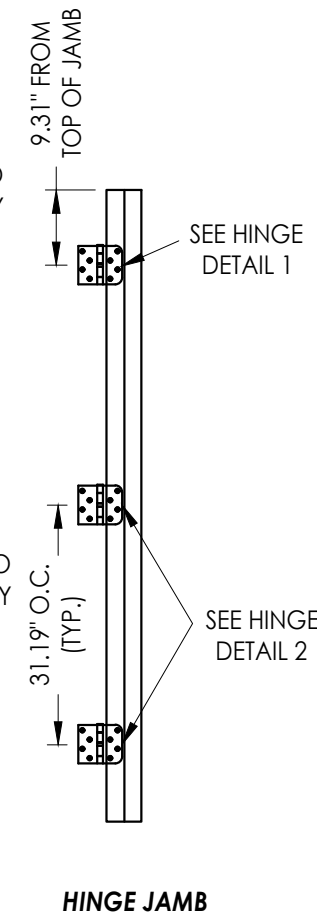
LATCH AND DEADBOLT DETAILS



HINGE DETAIL 1



HINGE DETAIL 2



HINGE JAMB

HARDWARE DETAILS

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
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/10/23	UPDATE TO 8TH ED. (2023) FBC
4	11/16/20	ADD XO, OOX CONFIGURATIONS
3		
2		
1		

DATE: 10/08/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17347.1

SHEET 12 OF 13

