

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / Mahogany / Rustic
Series Fiberglass Door

INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

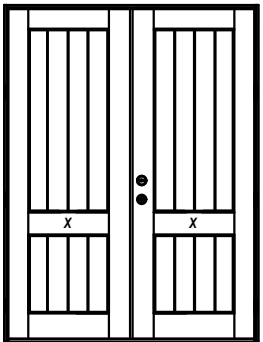
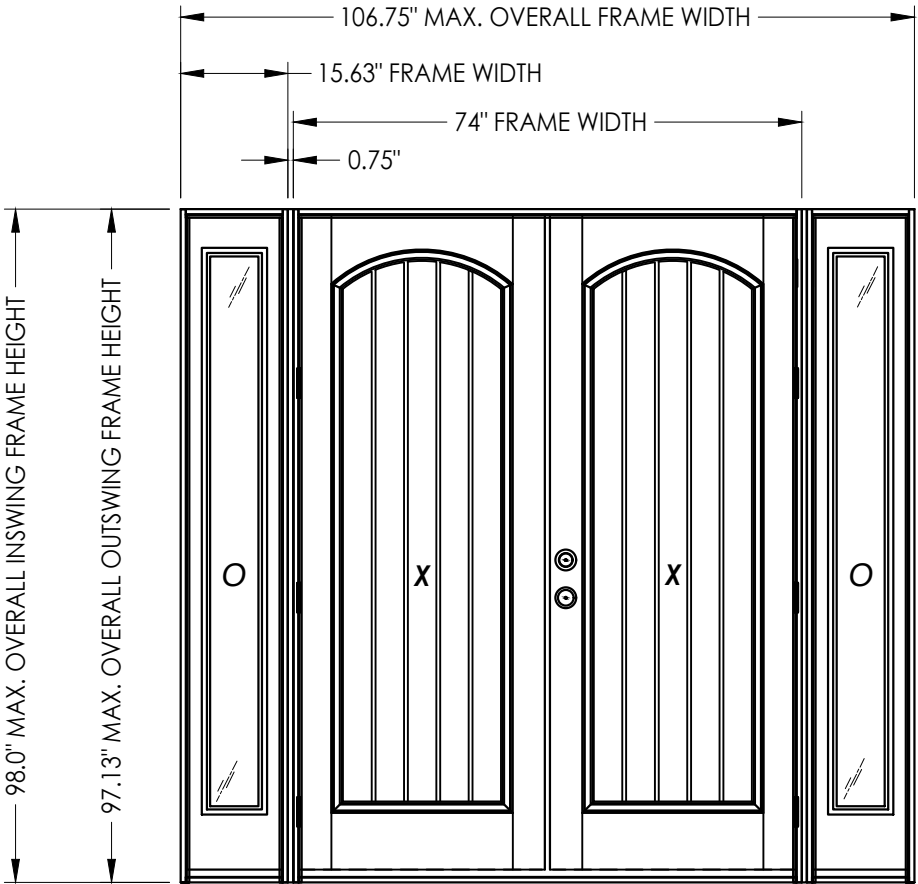
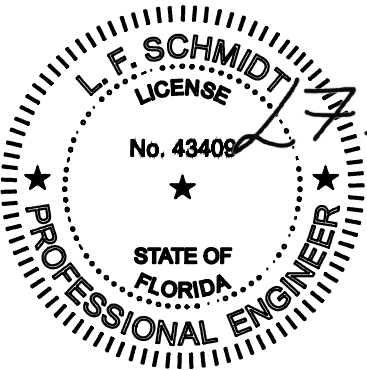
- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall 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 Section 1609.1.2 & R301.2.1.2 of the FBC.
- 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	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal and vertical cross sections (2X BUCK)
6	Horizontal and vertical cross sections (1X BUCK)
7	Horizontal and vertical cross sections (Direct to Masonry)
8	Horizontal and vertical cross sections (Direct to Masonry)
9	Vertical cross sections
10	Buck anchoring
11	Frame anchoring
12	Bill of materials and components

Digitally signed by Lyndon F Schmidt
Date: 2026.07.28 13:29:01 -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	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 98.0"	N / A	+45.0	-50.0	+45.0	-45.0
OXXO (Back to Back Jambs)	105.25" x 98.0"	7.0" X 79.0"	+30.0	-30.0	+30.0	-30.0
OXXO (1X Reinforcement)	106.75" x 98.0"	7.0" X 79.0"	+45.0	-50.0	+45.0	-45.0

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.

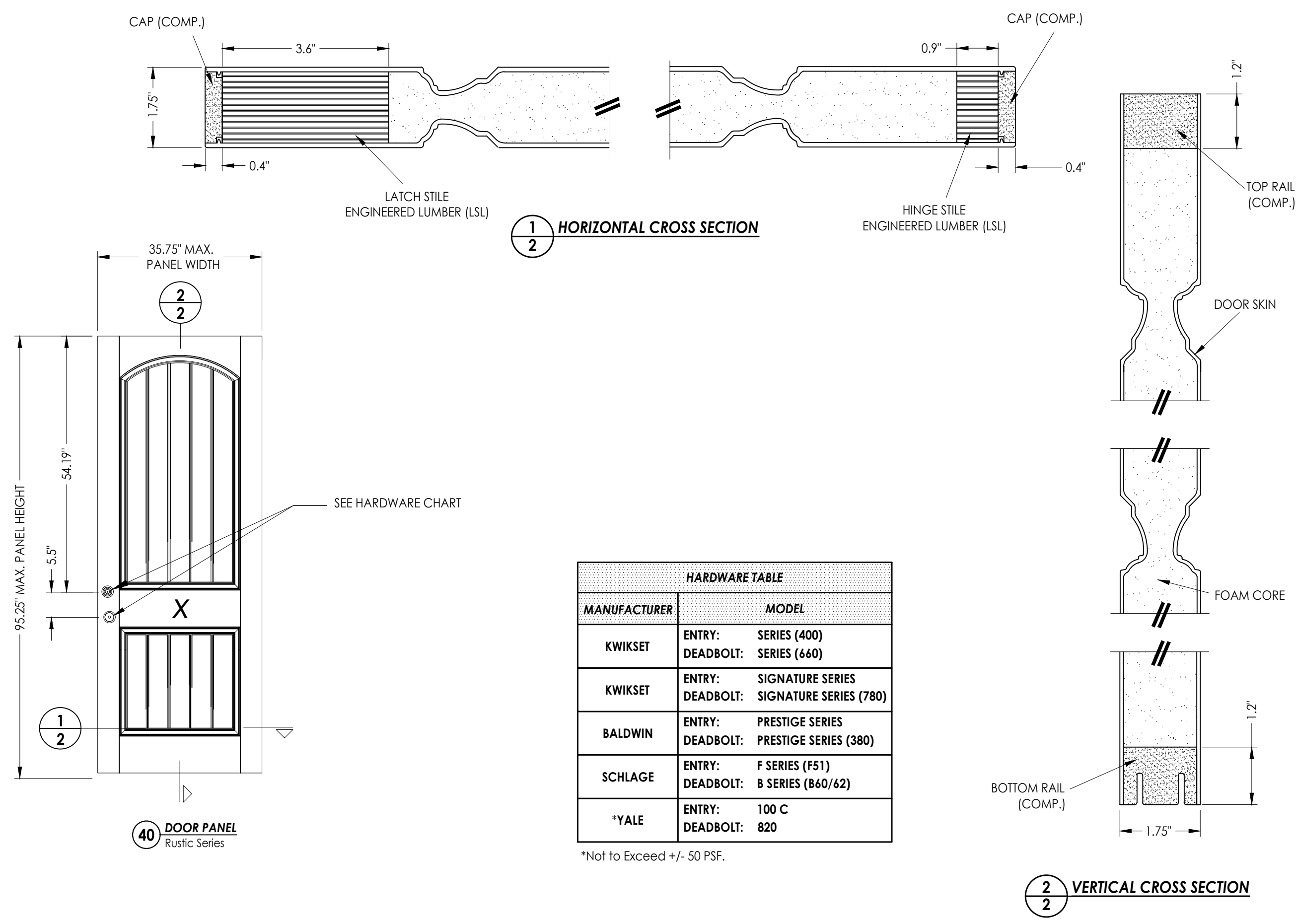
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15209.2

SHEET 1 OF 12

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HARDWARE TABLE		
MANUFACTURER	MODEL	
Kwikset	ENTRY:	SERIES (400)
	DEADBOLT:	SERIES (660)
Kwikset	ENTRY:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
Baldwin	ENTRY:	PRESTIGE SERIES
	DEADBOLT:	PRESTIGE SERIES (380)
Schlage	ENTRY:	F SERIES (F51)
	DEADBOLT:	B SERIES (B60/62)
*Yale	ENTRY:	100 C
	DEADBOLT:	820

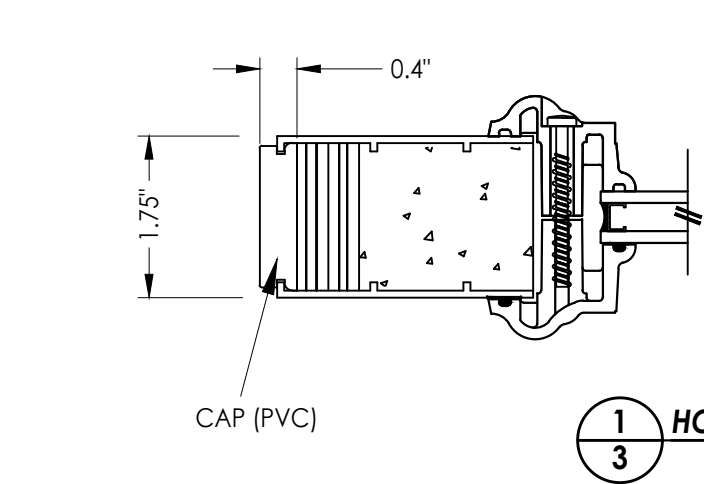
*Not to Exceed +/- 50 PSF.

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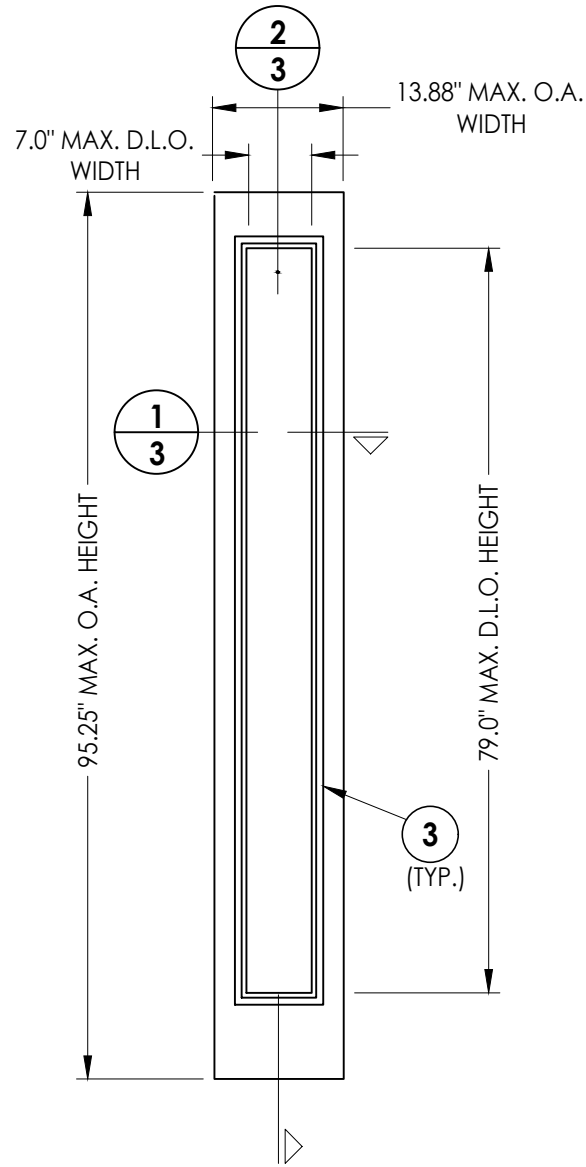
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
		LFS	BY
		LFS	
		LFS	
		NO.	DATE
		REVISIONS	
		DATE: 02/15/12	
		SCALE: N.T.S.	
		DWG. BY: JK	
		CHK. BY: LFS	
		DRAWING NO.: FL-15209.2	
		SHEET 2 OF 12	

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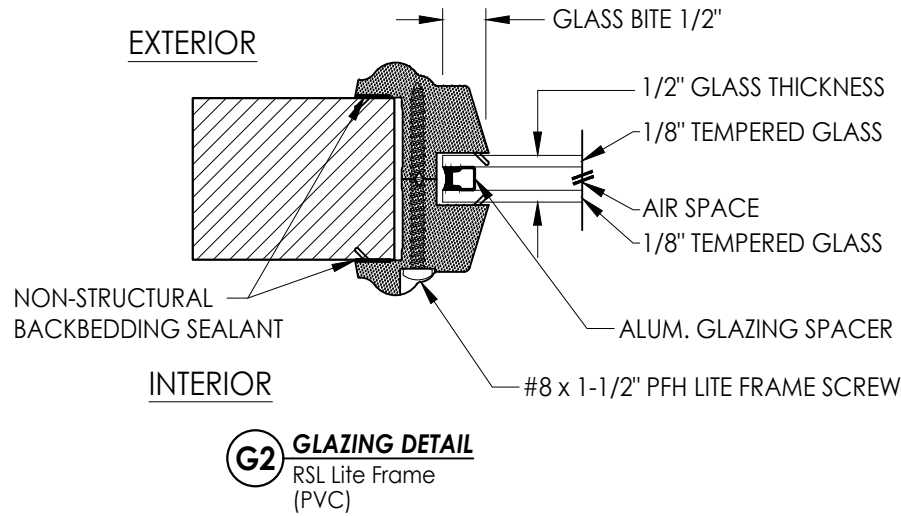


1
3 **HORIZONTAL CROSS SECTION**

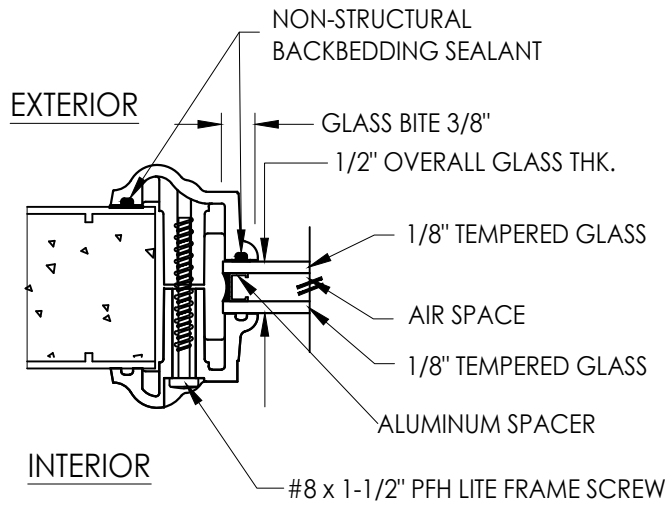


50 **SIDELITE PANEL**

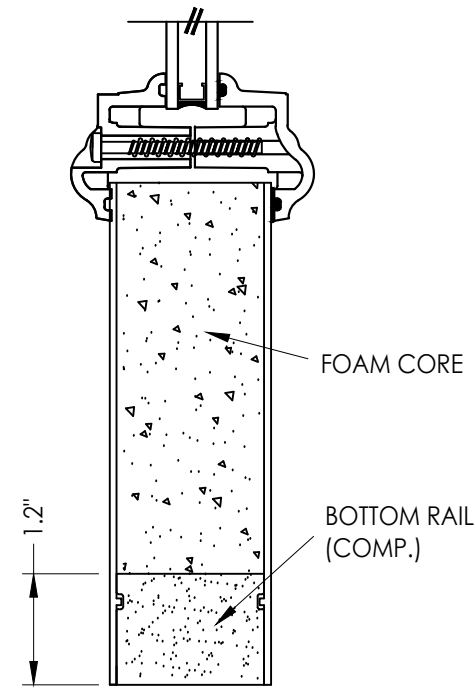
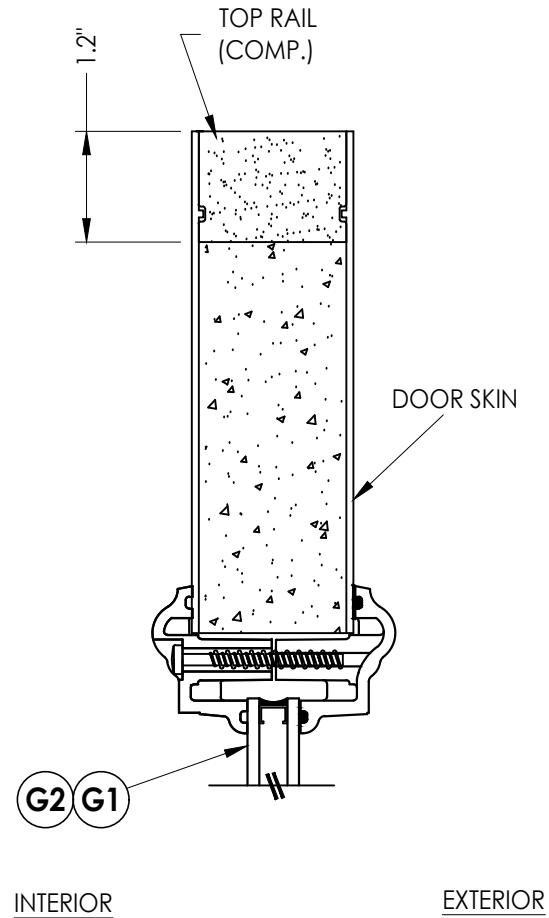
FIBERGLASS DOOR SKIN: MIN. 0.075" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



G2 **GLAZING DETAIL**
RSL Lite Frame
(PVC)



G2 **GLAZING DETAIL**
ODL Lite Frame
(HP Polypro)



2
3 **VERTICAL CROSS SECTION**

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P.E. No. 43409

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

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
& GLAZING DETAIL

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/16/22	REVISE DOOR PANEL LFS
3		
2		
1		

DATE: 02/15/12

SCALE: N.T.S.

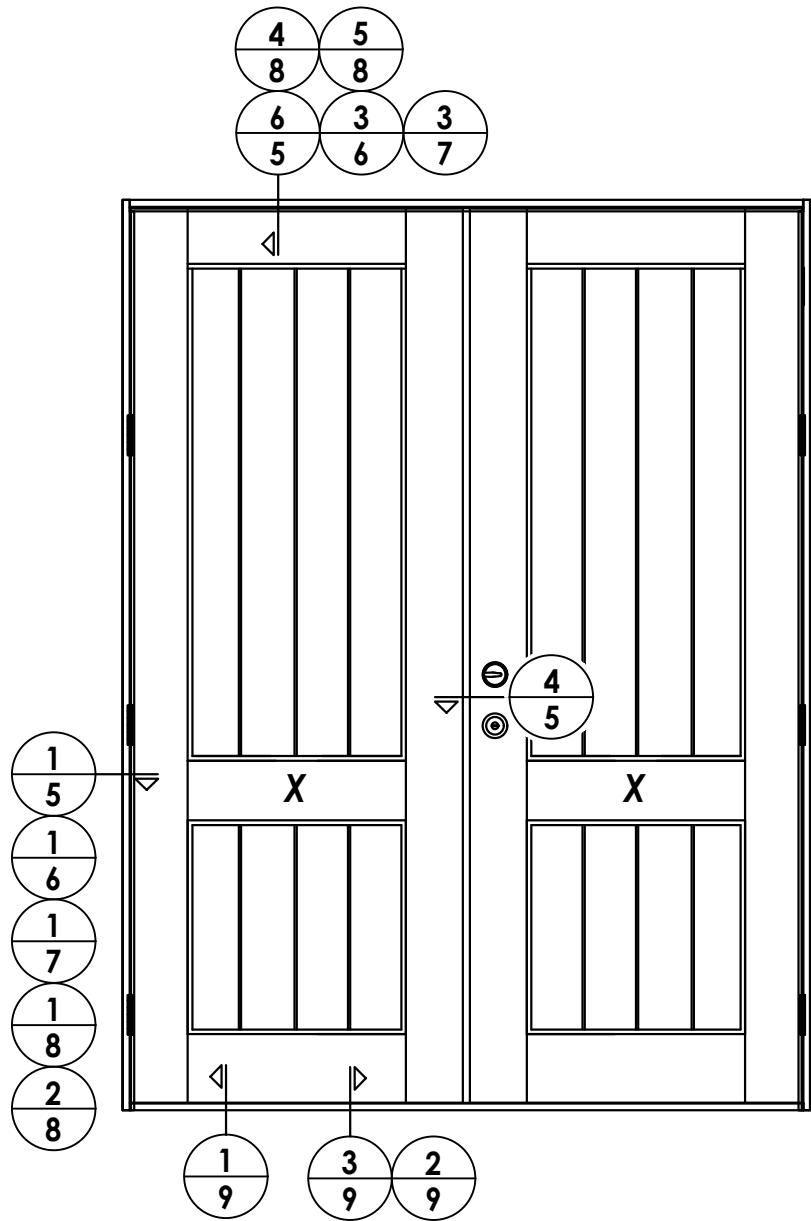
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CHK. BY: LFS

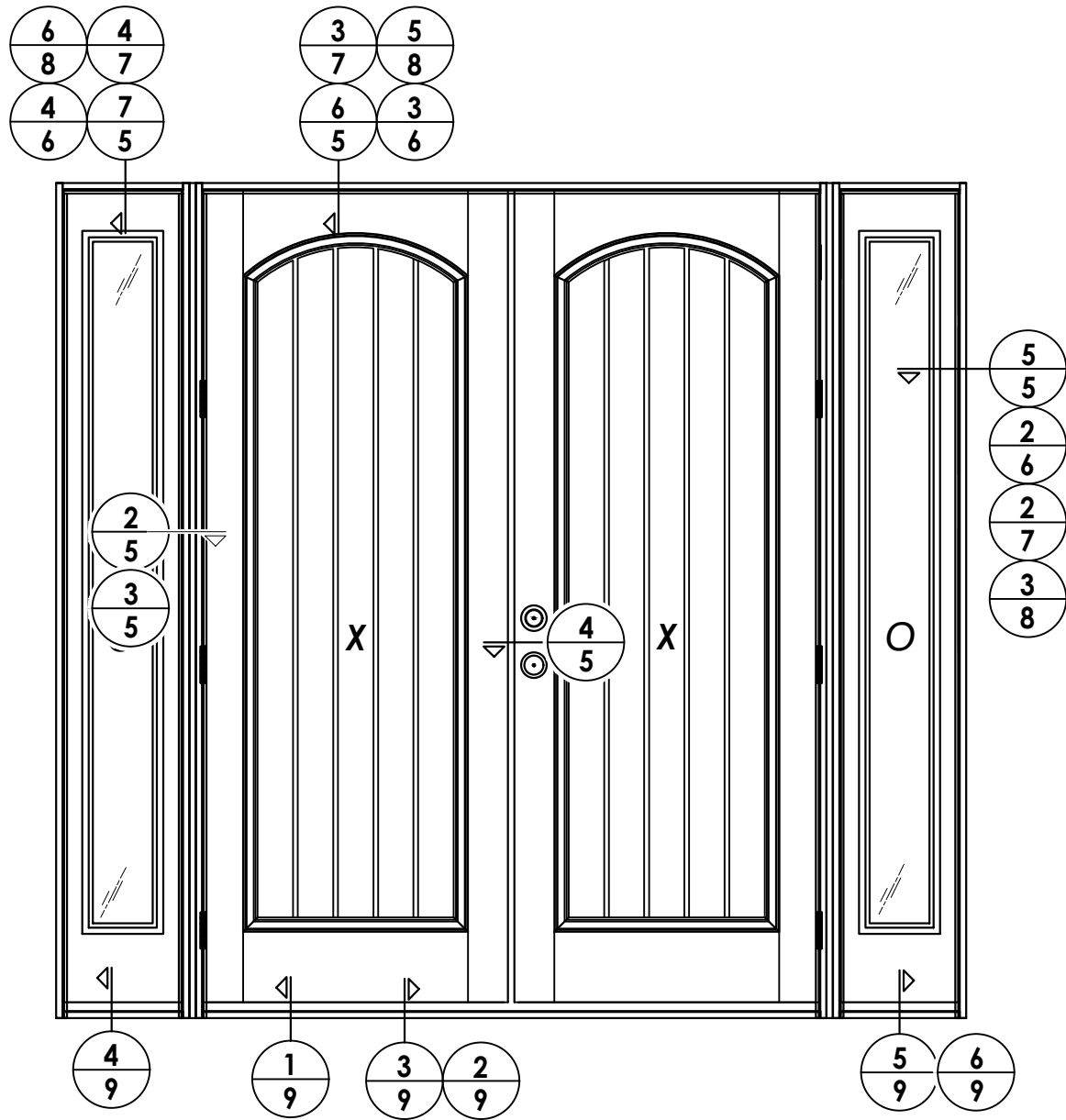
DRAWING NO.: FL-15209.2

SHEET 3 OF 12

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ELEVATION (XX)



ELEVATION (OXXO)

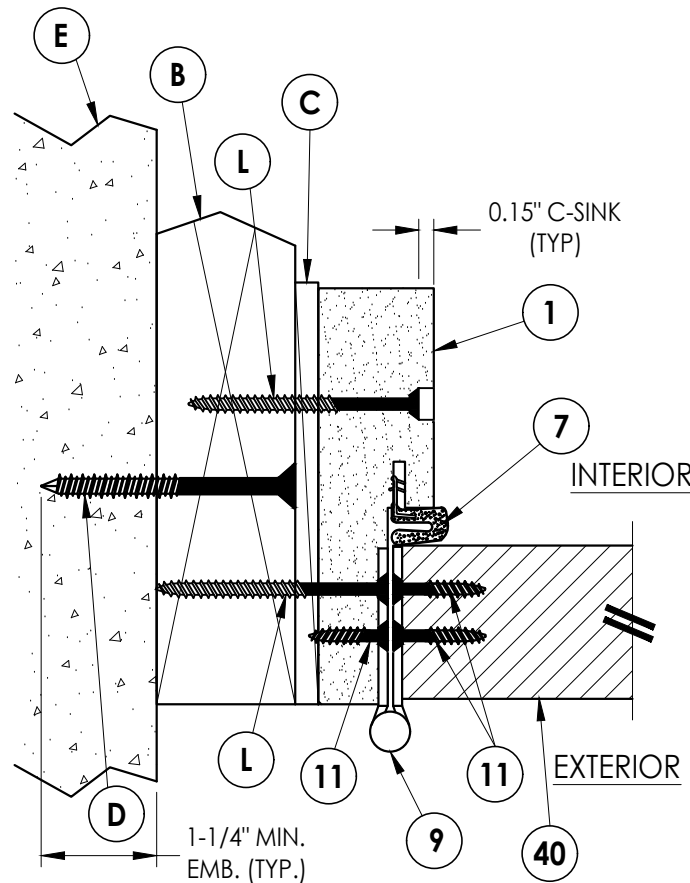
NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/16/22	REVISE DOOR PANEL LFS
		BY

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.2
SHEET 4 OF 12

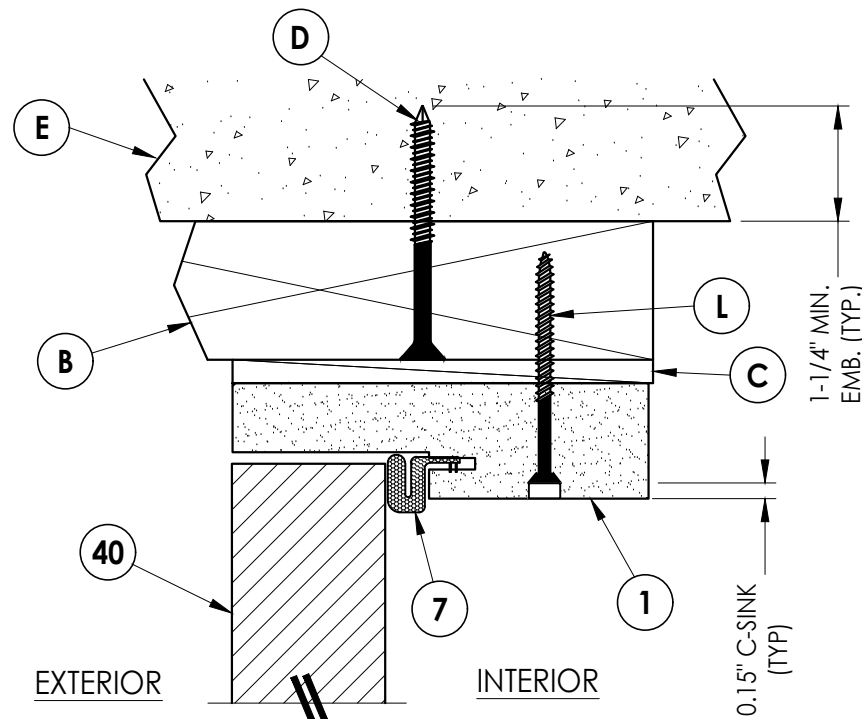
PRODUCT: PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By:
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P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

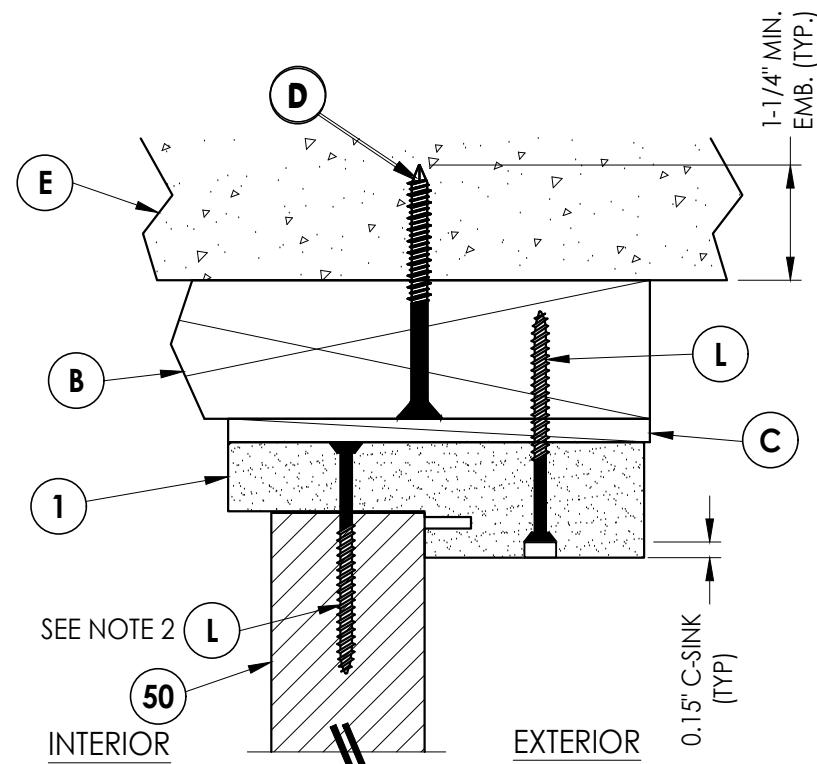
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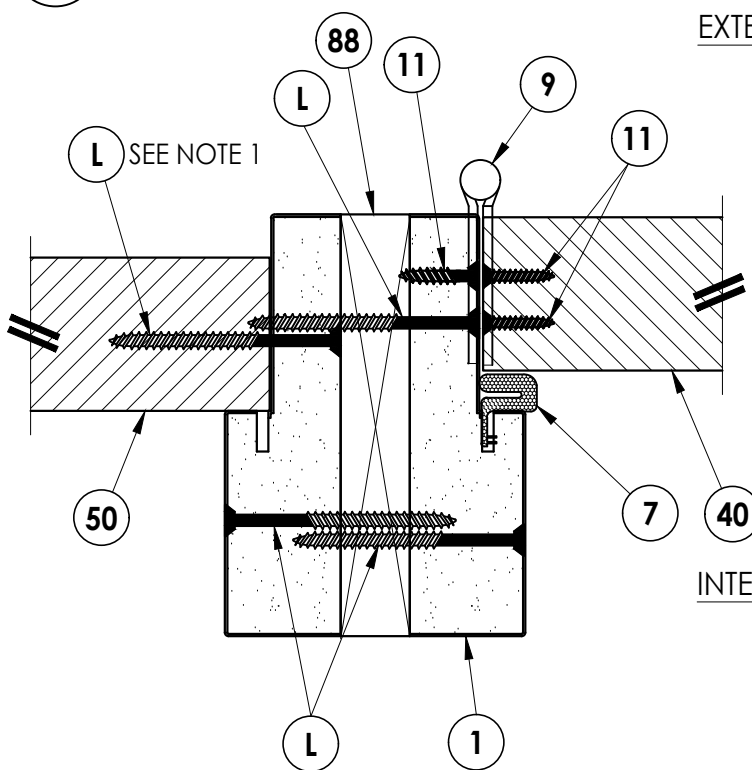
1 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved



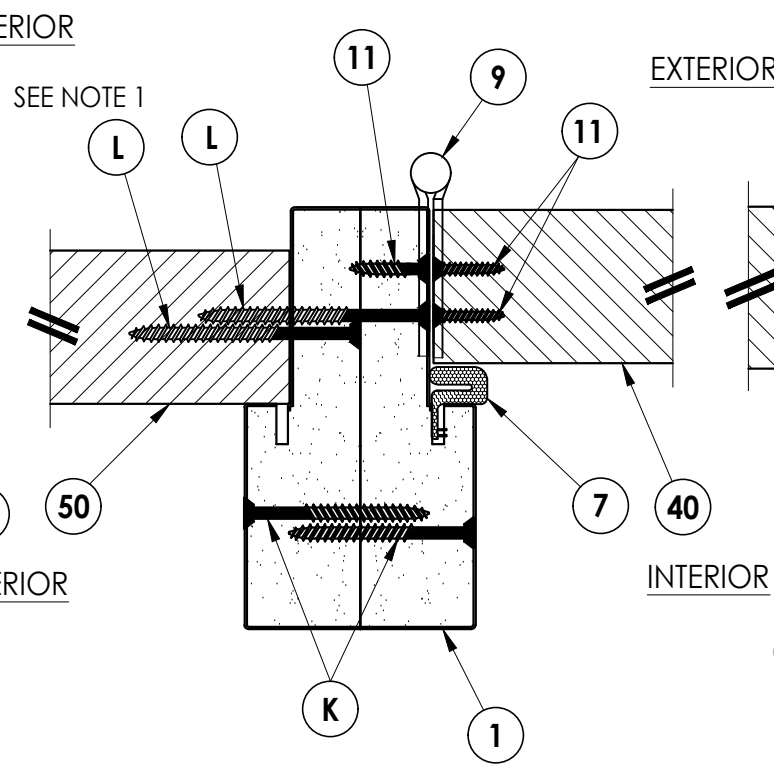
6 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)



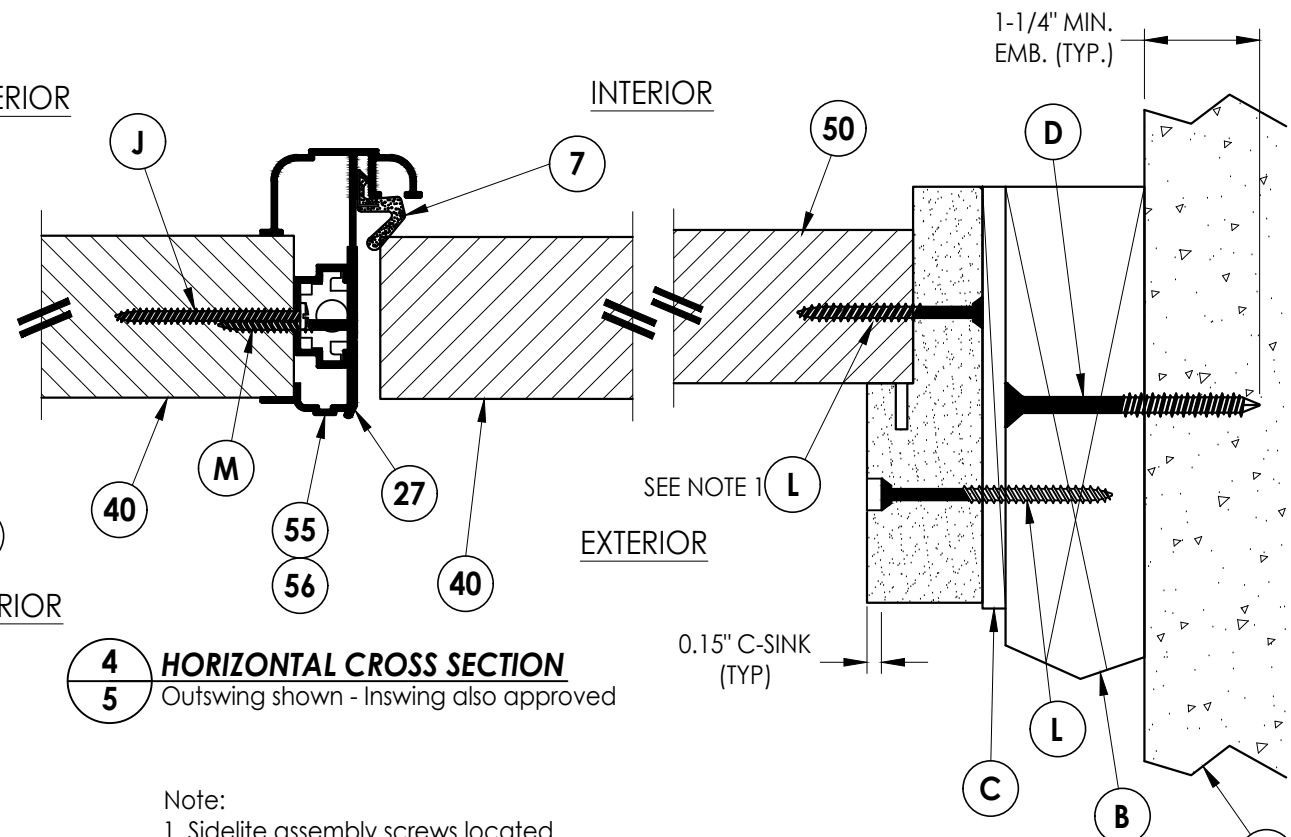
7 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)



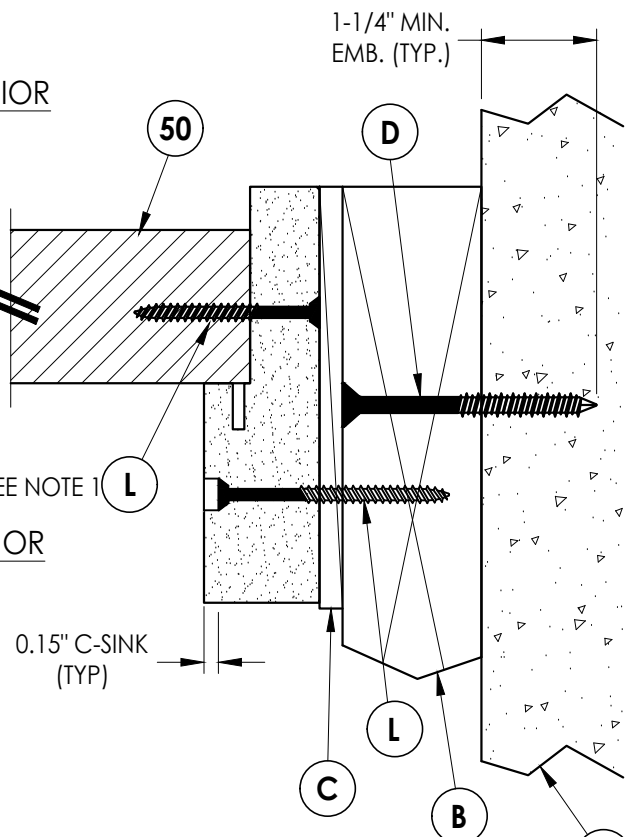
2 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved
Shown with 1X reinforcement



3 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved
Shown with back-to-back jambs



4 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved



5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

- Note:
- Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 - Spacing for item L: 3" from each end.

Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC
4	8/16/22	REVISE DOOR PANEL
3		
2		
1		

DATE: 02/15/12

SCALE: N.T.S.

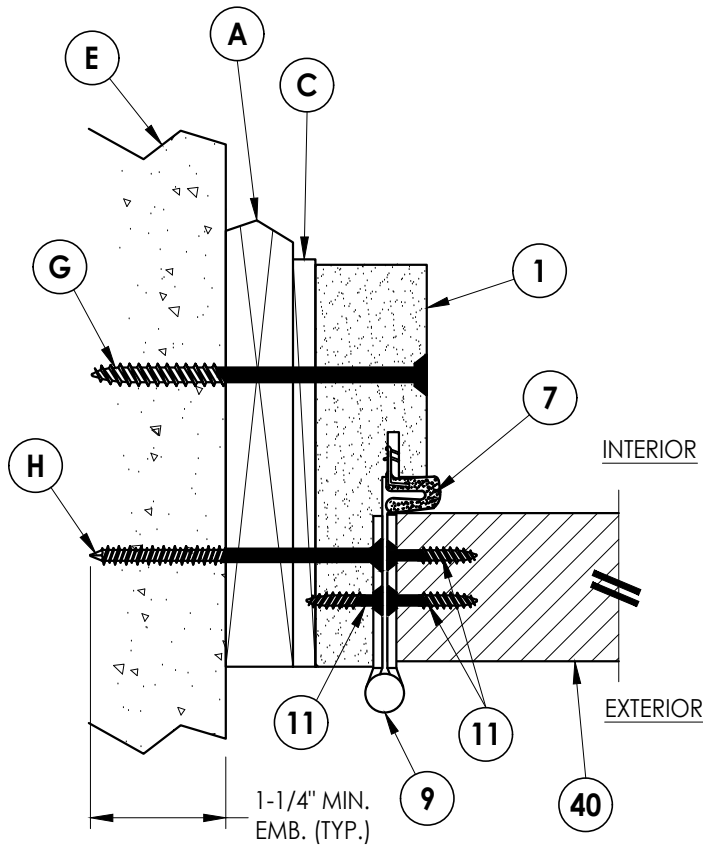
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CHK. BY: LFS

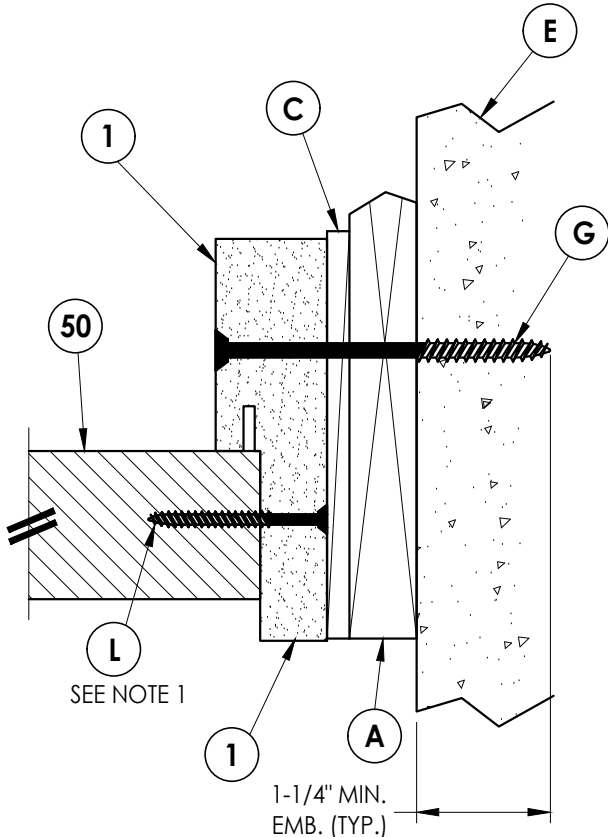
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SHEET 5 OF 12

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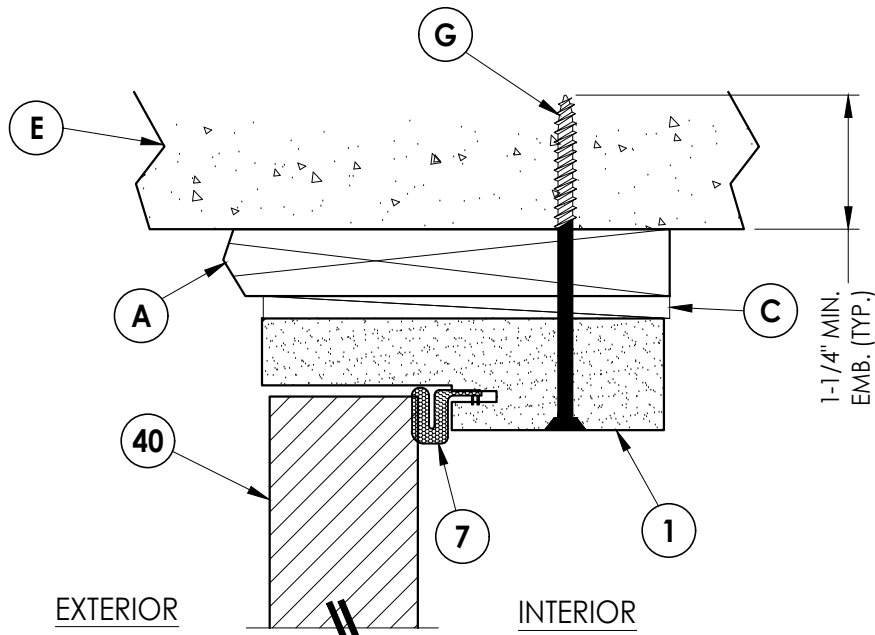


1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

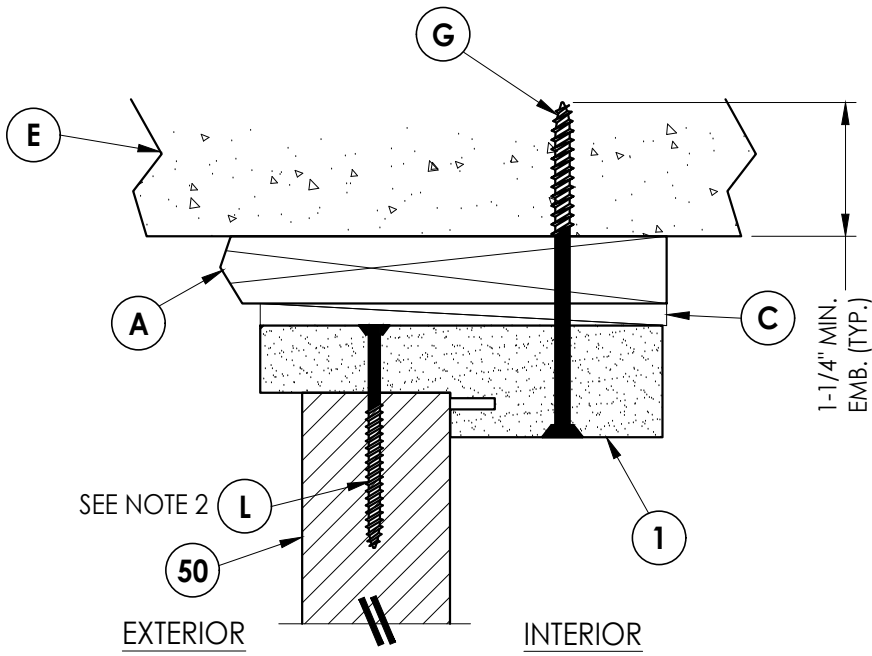


2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

Note:
1. Sidelite assembly screws located
6" from top and bottom then 5 more
equally spaced (7 total).
2. Spacing for item L: 3" from each end.



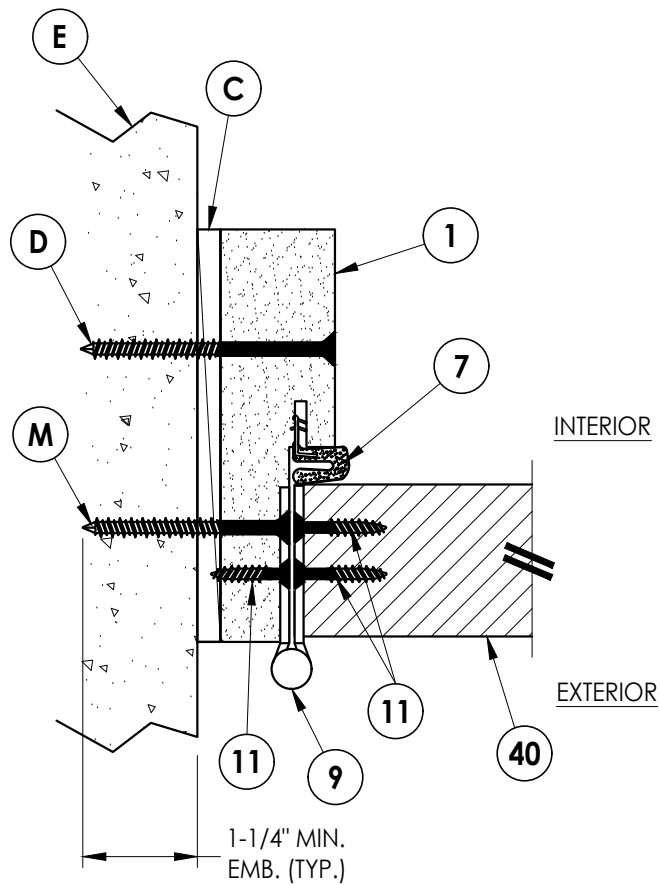
3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



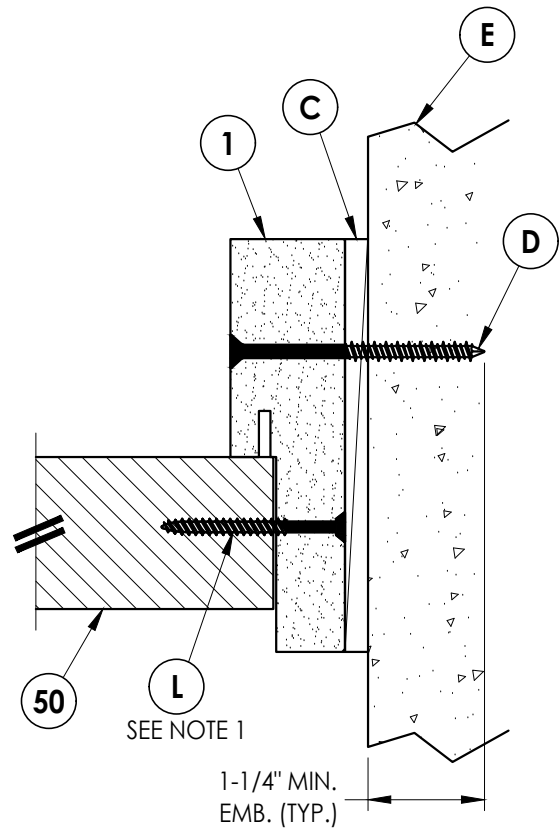
4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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 (1X BUCK)					
				LFS			
		6	7/01/26	UPDATE TO 9TH ED. (2026)	FBC		
		5	8/14/23	UPDATE TO 8TH ED. (2023)	FBC		
		4	8/16/22	REVISE DOOR PANEL	LFS		
		NO.	DATE				
				REVISIONS			
DATE: 02/15/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15209.2							
SHEET 6 OF 12							

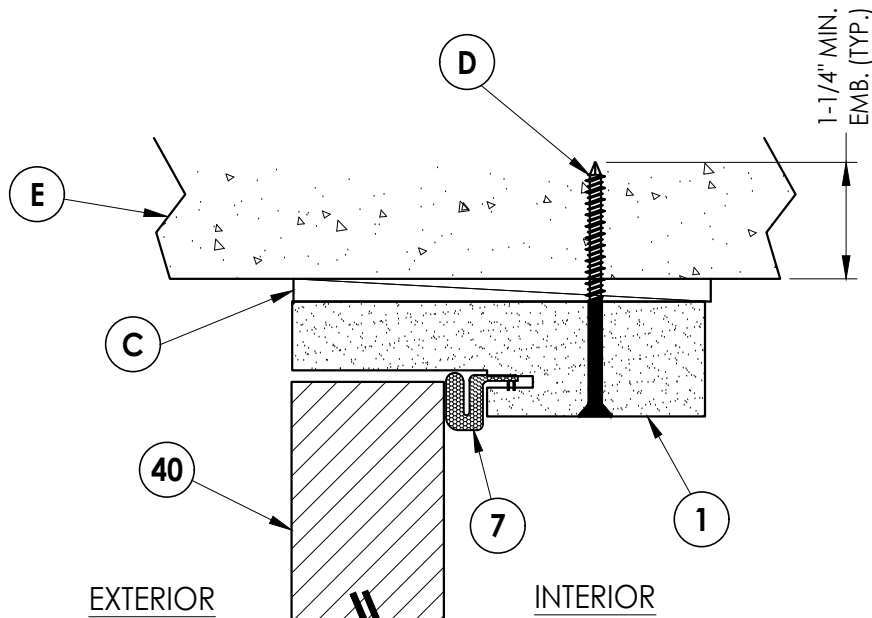
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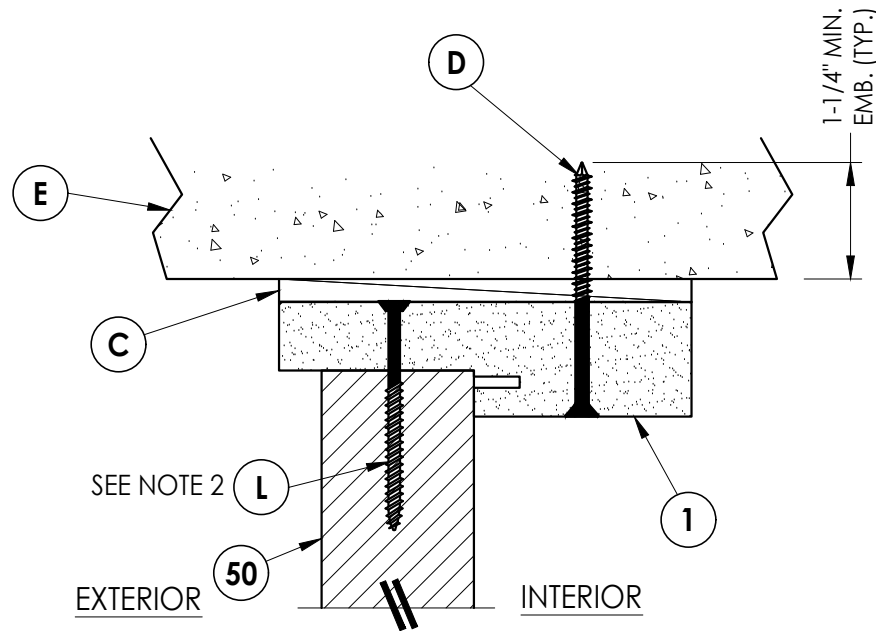
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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



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

- Note:
1. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 2. Spacing for item L: 3" from each end.

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 (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	BY
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/16/22	REVISE DOOR PANEL	LFS

DATE: 02/15/12

SCALE: N.T.S.

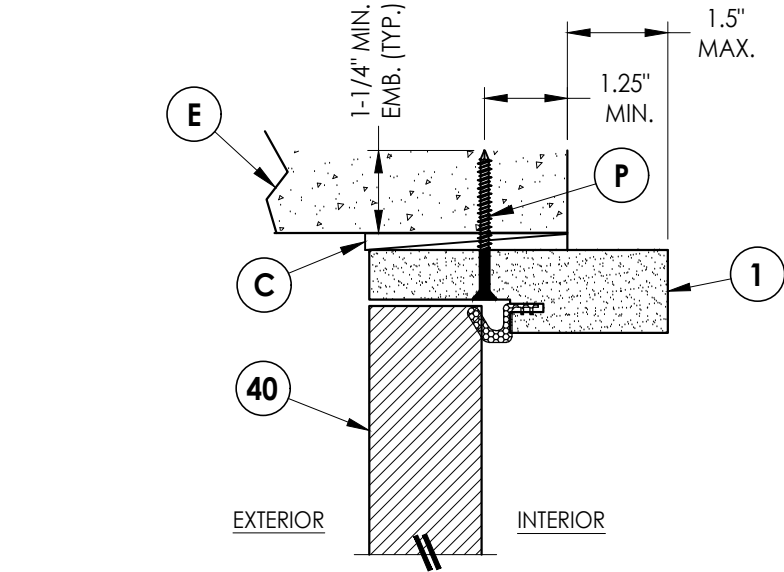
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CHK. BY: LFS

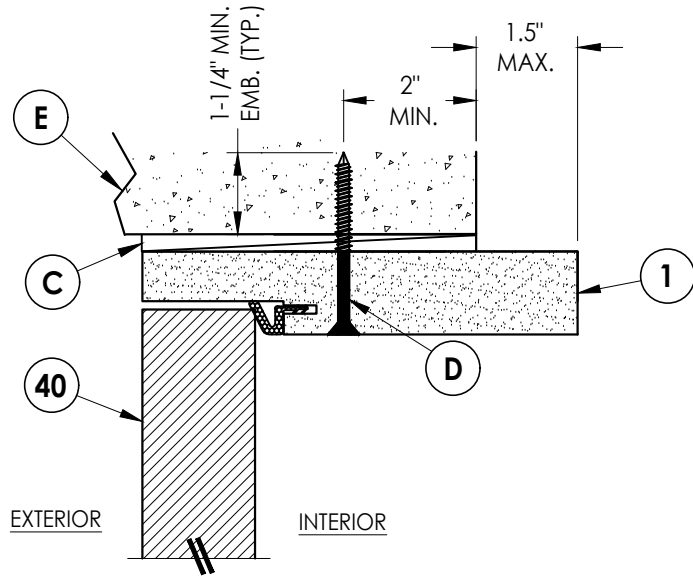
DRAWING NO.:
FL-15209.2

SHEET 7 OF 12

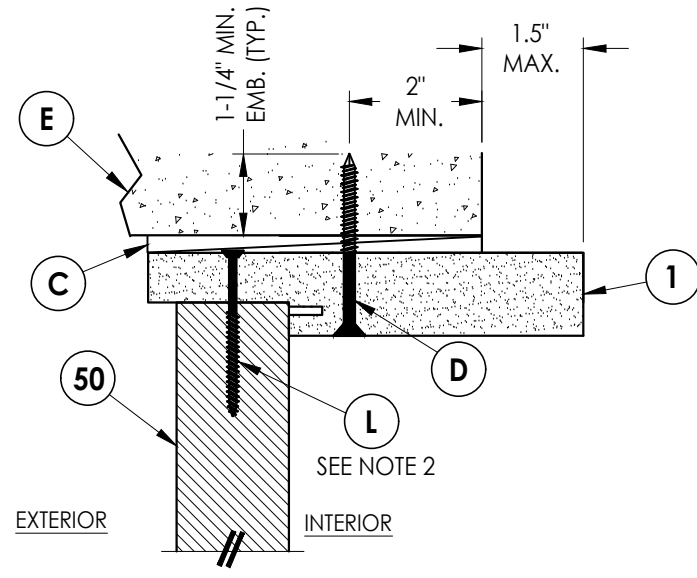
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15209 R7\FL-15209.1-2.dwg



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

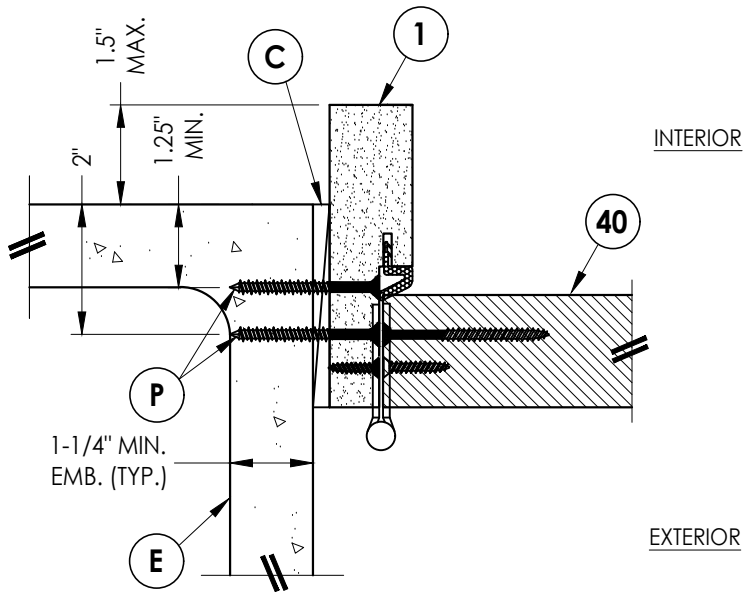


5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

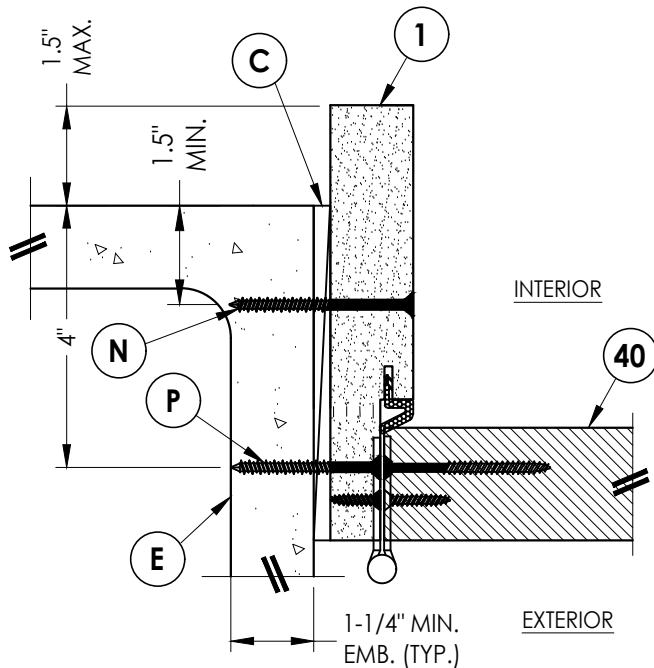


6
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

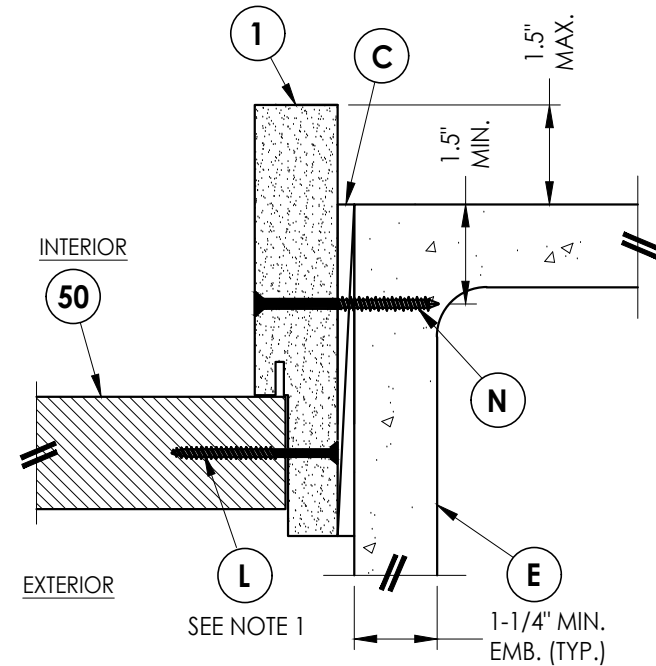
- Notes:
1. Spacing for item L: 6" from ends and 5 more equally spaced along sidelite (7 total).
 2. Spacing for item L: 3" from each end.



1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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P.E. No. 43409

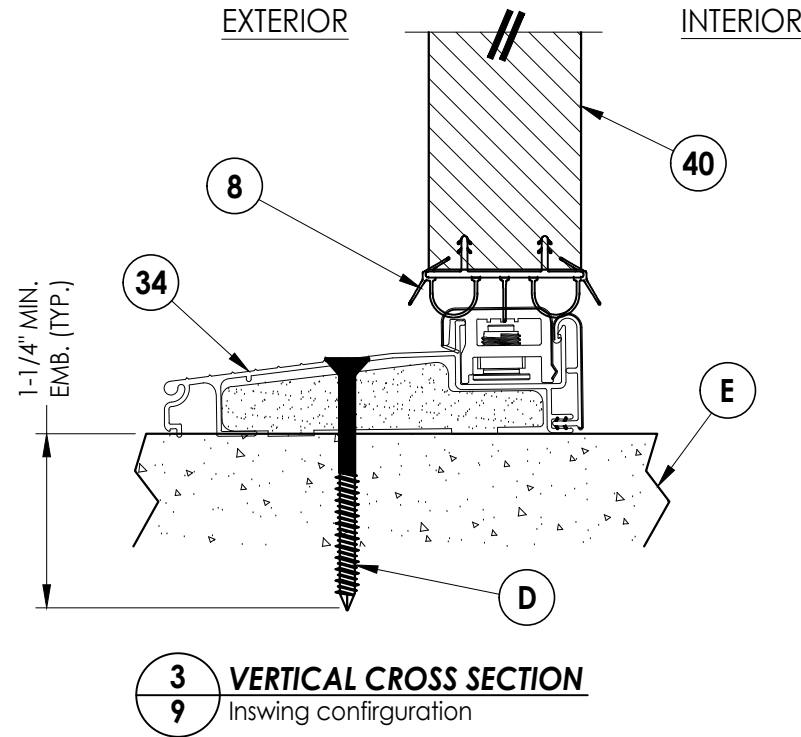
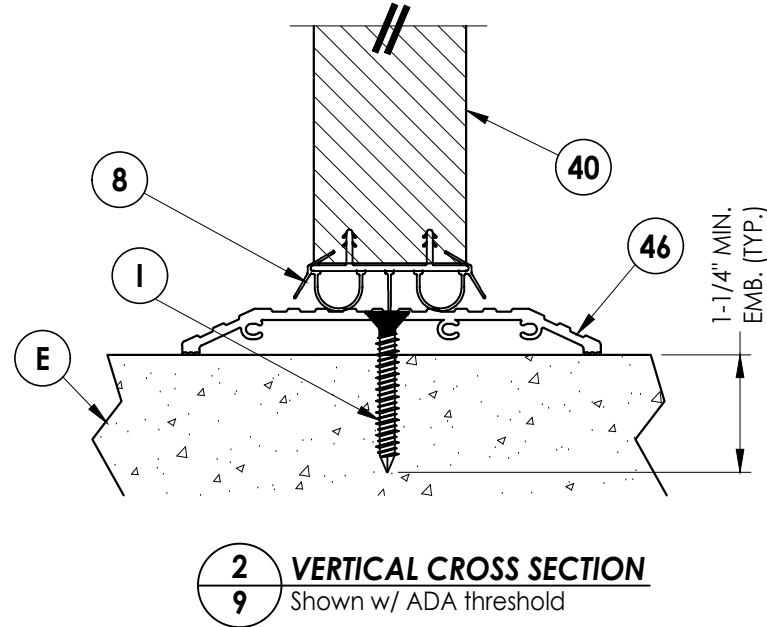
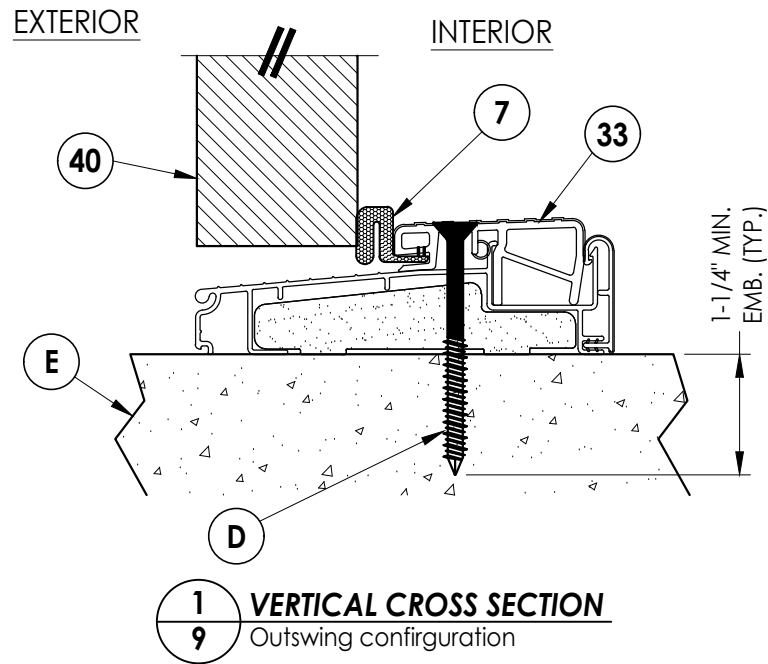
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)

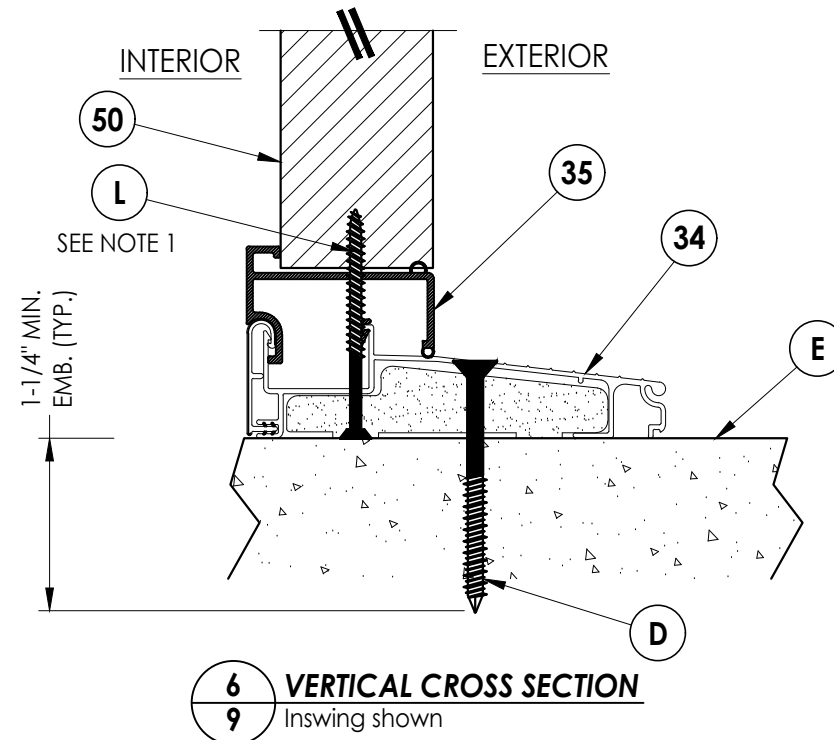
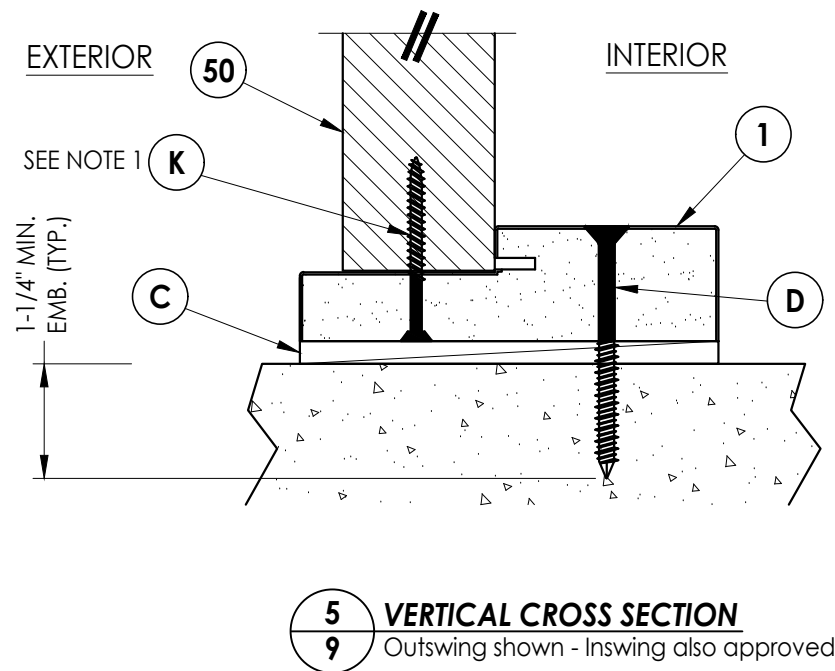
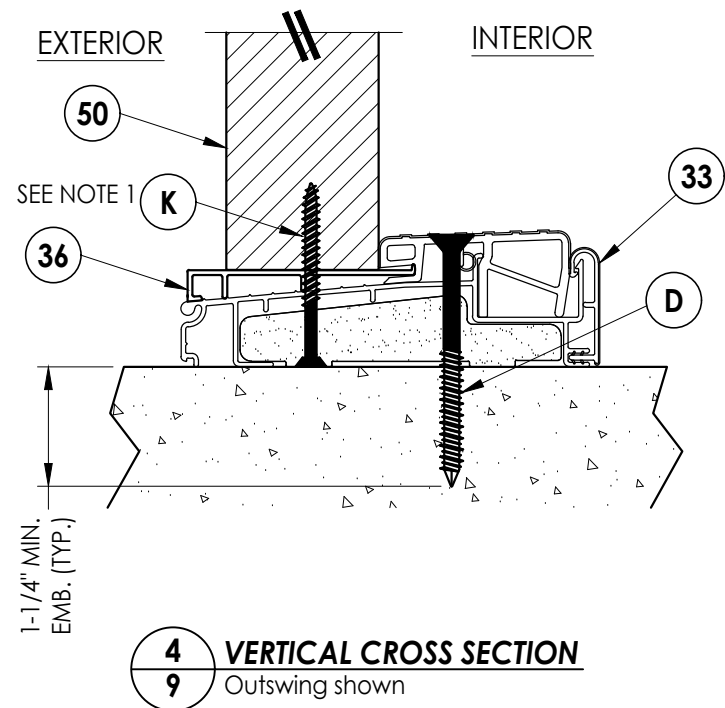
NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC
4	8/16/22	REVISE DOOR PANEL
3		
2		
1		

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.2
SHEET 8 OF 12

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NOTE
1. Spacing for item #L and #K: 3" from each end.



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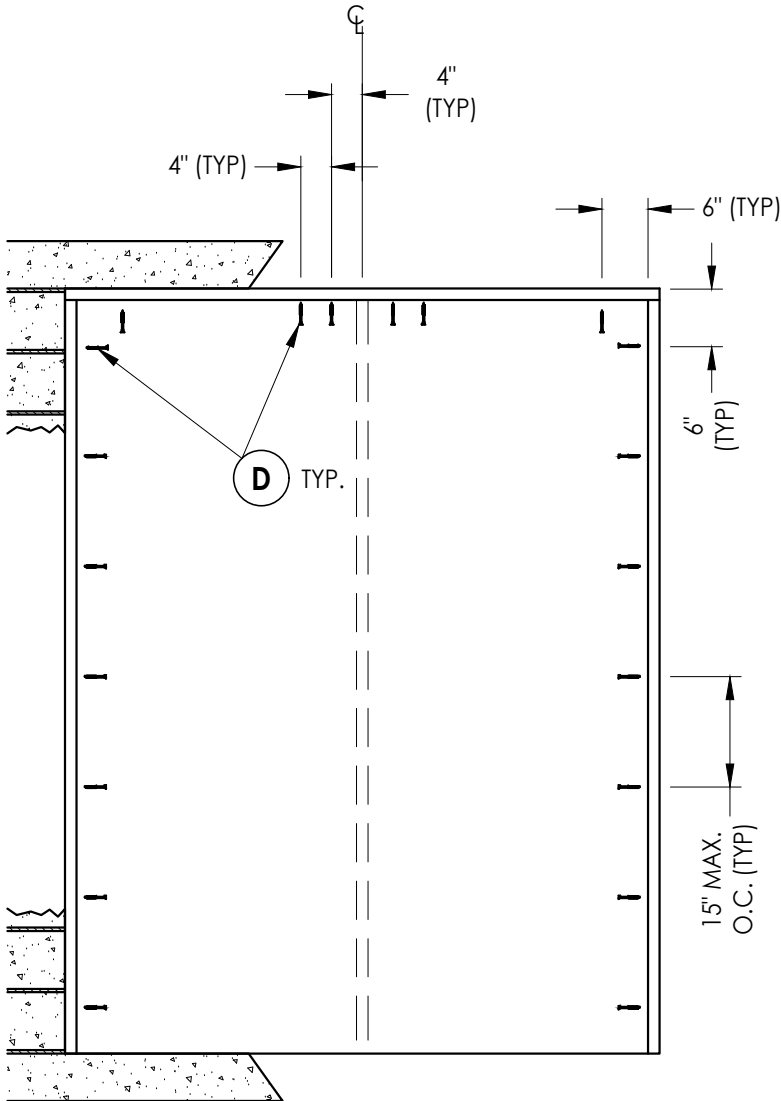
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PLASTPRO INC
FIBERGLASS DOOR

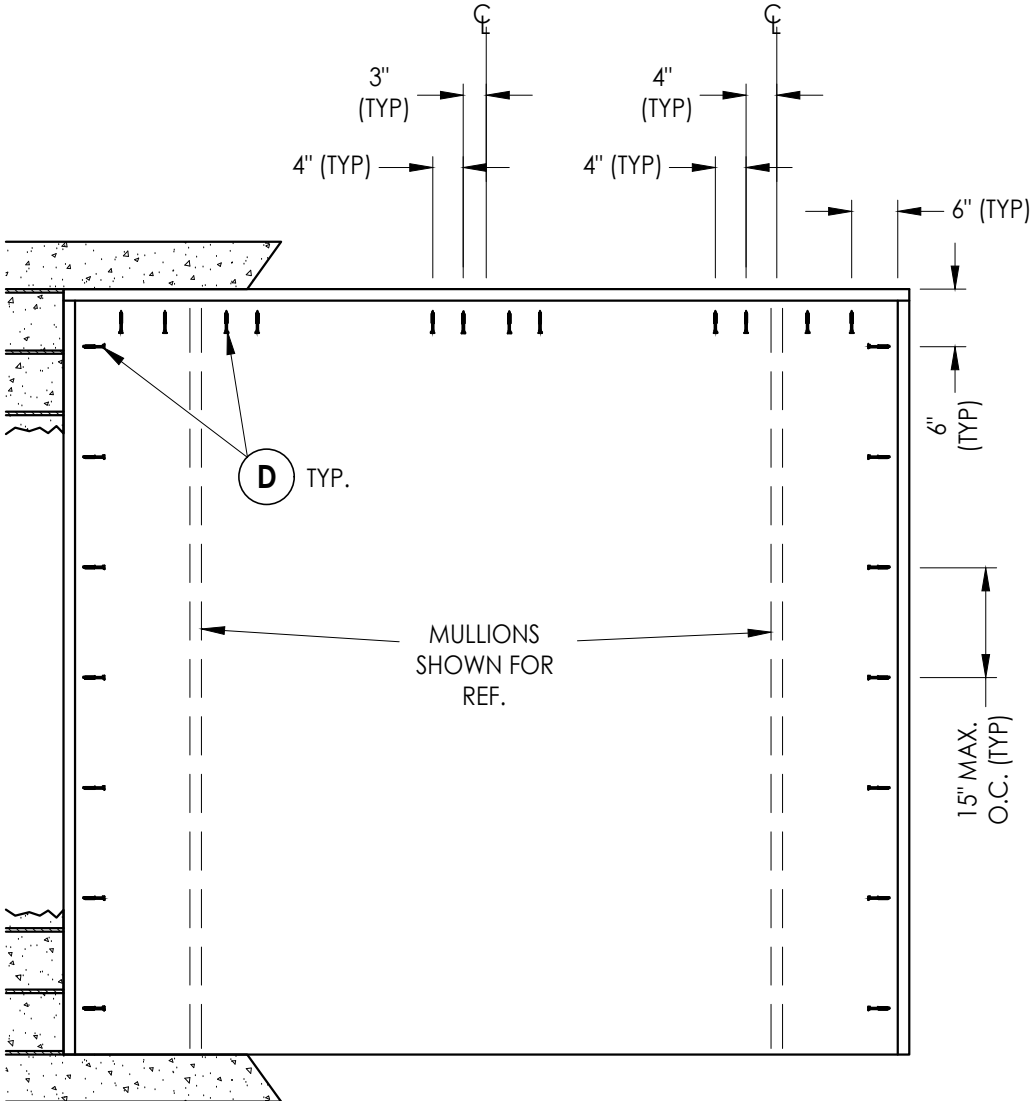
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC
4	8/16/22	REVISE DOOR PANEL
3		
2		
1		
DATE: 02/15/12		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: FL-15209.2		
SHEET 9 OF 12		

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15209 R7\FL-15209.1-2.dwg



BUCK ANCHORING
XX



BUCK ANCHORING
OXXO

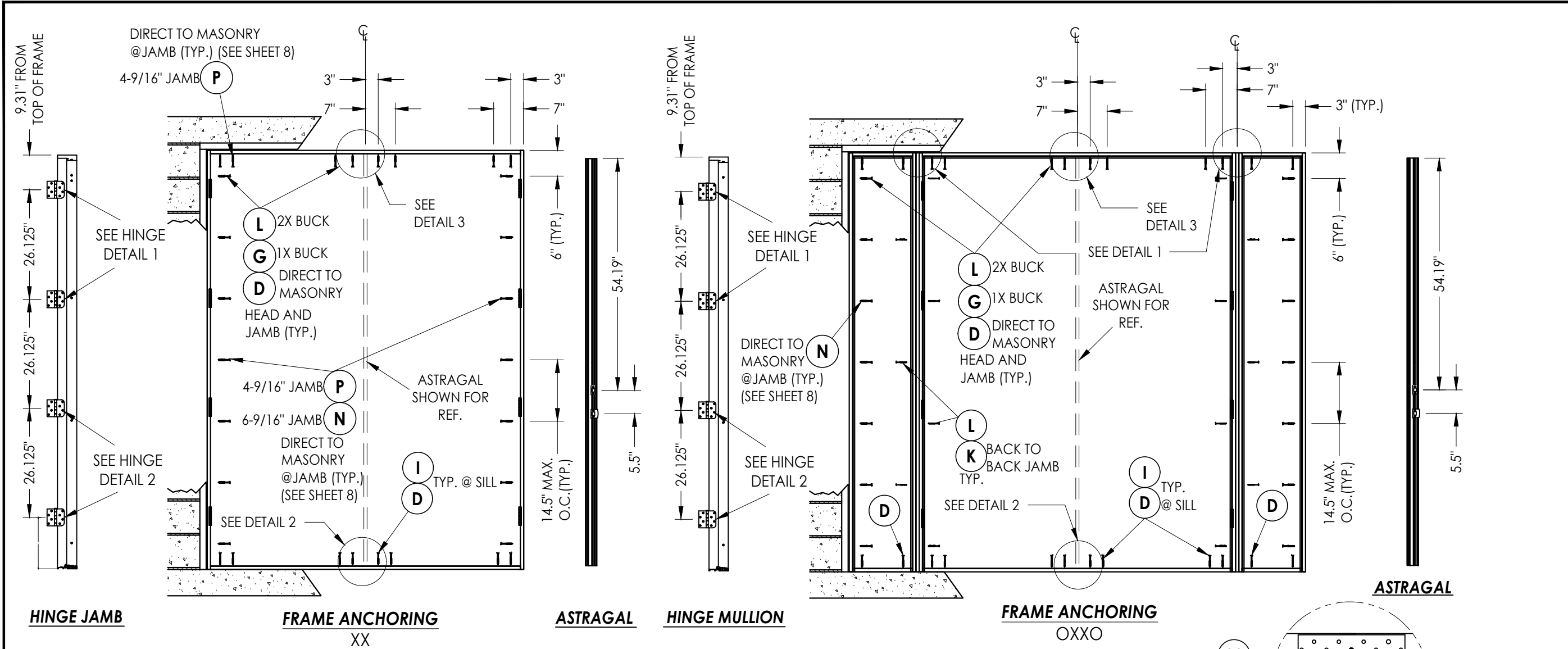
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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"

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			
PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK ANCHORING					
				LFS	FBC	(2026)	9TH ED.
				LFS	FBC	(2023)	8TH ED.
				LFS	REVISE DOOR PANEL		
				NO.	DATE		
				REVISIONS			
				DATE: 02/15/12			
				SCALE: N.T.S.			
				DWG. BY: JK			
				CHK. BY: LFS			
				DRAWING NO.: FL-15209.2			
				SHEET 10 of 12			

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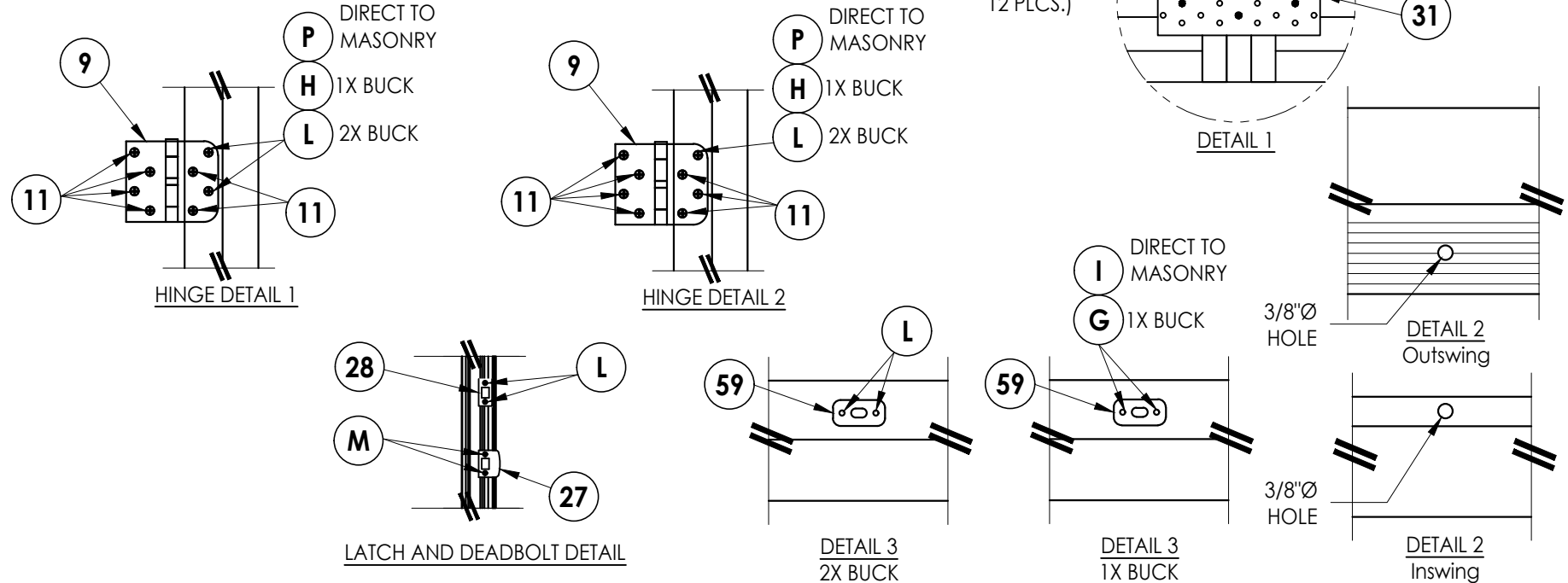


CORROSION RESISTANCE - SALTWATER ENVIRONMENT
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

- 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 ULTRA CON+®	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.



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

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

		LFS			
		LFS			
		LFS			
		BY			
		NO.	DATE		REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC			
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC			
4	8/16/22	REVISE DOOR PANEL			

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.2
SHEET 11 of 12

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

