

DIRECT GLAZED FIBERGLASS DOORS
DOUBLES
w/ or w/out 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.

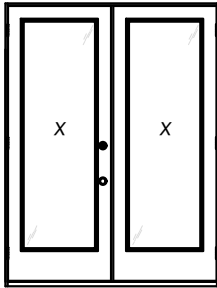
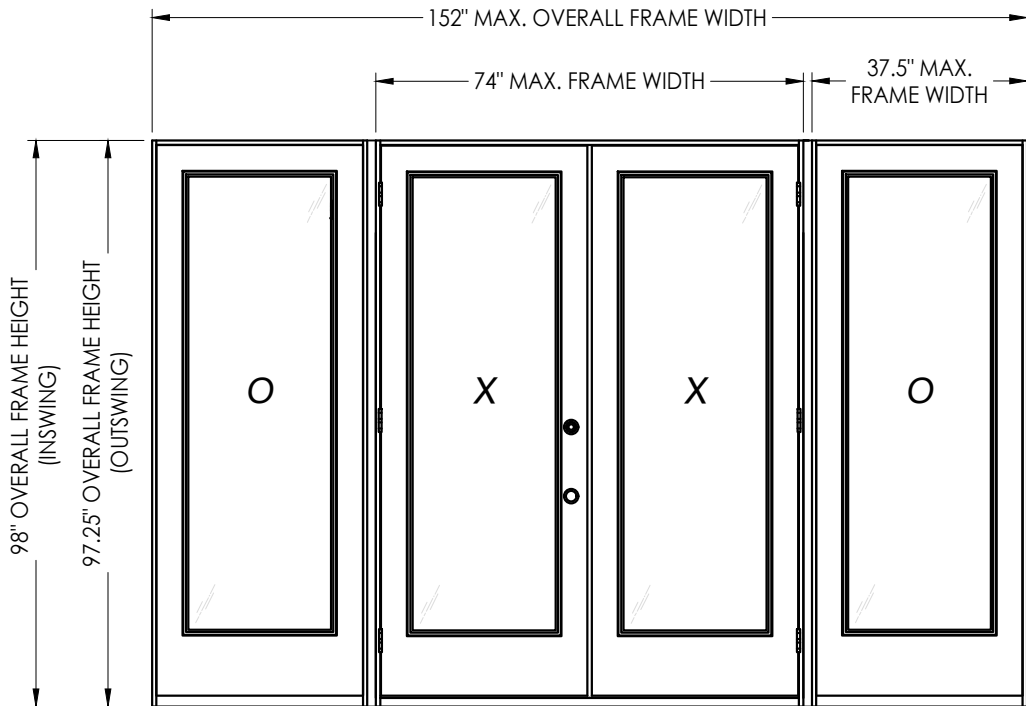
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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.

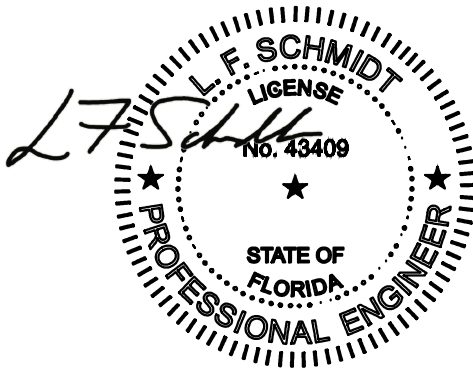
Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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2	Door & Sidelite panel details
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4	Horizontal & Vertical Cross Sections (2X Buck)
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6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Buck anchoring
10	Frame anchoring & hardware details
11	Bill of materials & components



XX

CONFIGURATION	MAX. FRAME DIMENSION	ASTRAGAL	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
				POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 98.0"	DLP	N/A	+45.0	-50.0	+45.0	-45.0
OXXO	149.0" x 98.0"	DLP	N/A	+40.0	-40.0	+40.0	-40.0
	152.0" x 98.0"	DLP	2X	+45.0	-50.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 13:57:43 -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

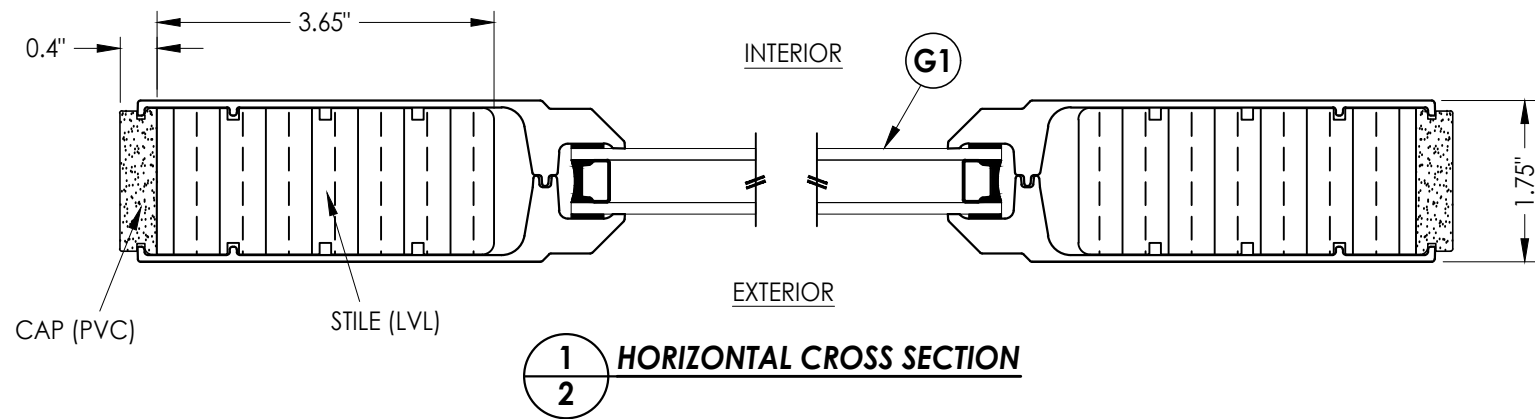
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2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	7/23/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
NO.	DATE	REVISIONS		

DATE: 2/11/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28685.9
SHEET 1 OF 11

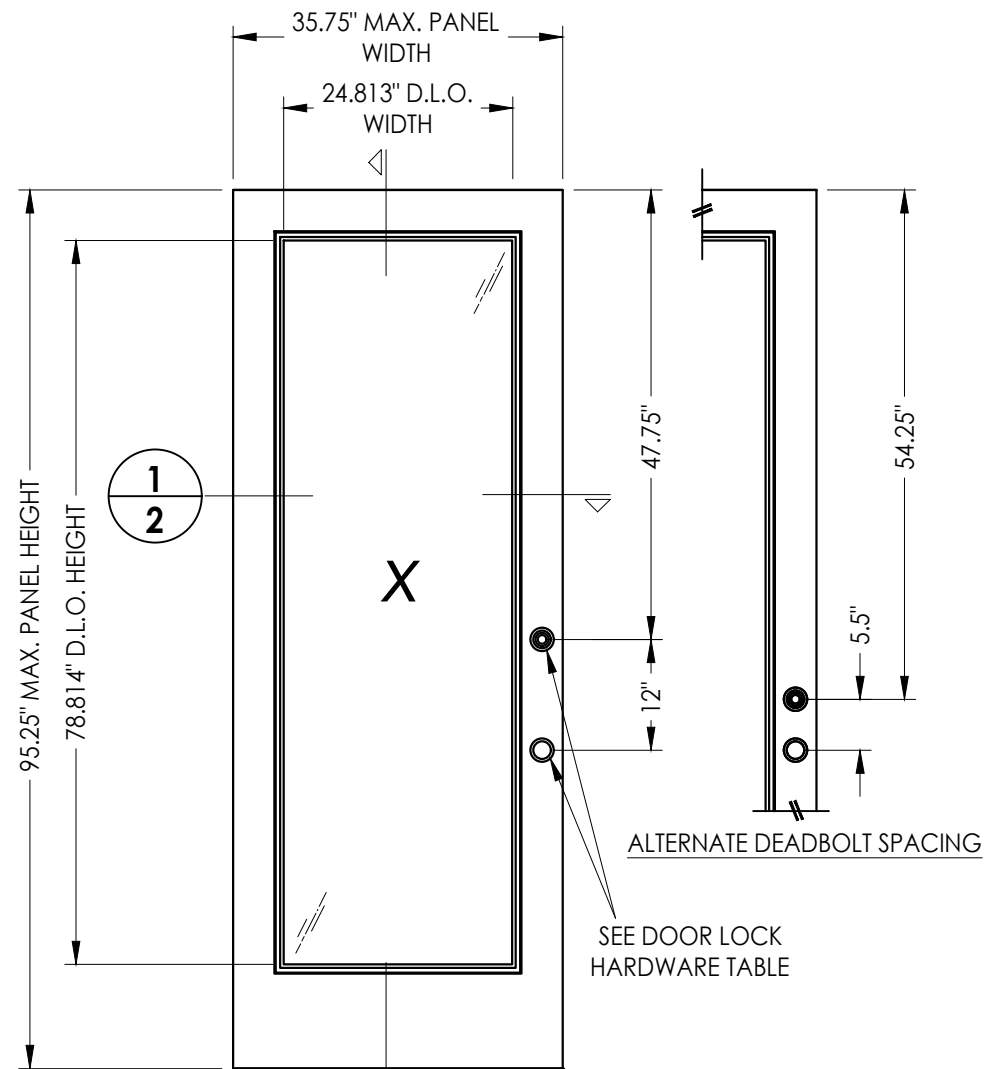
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

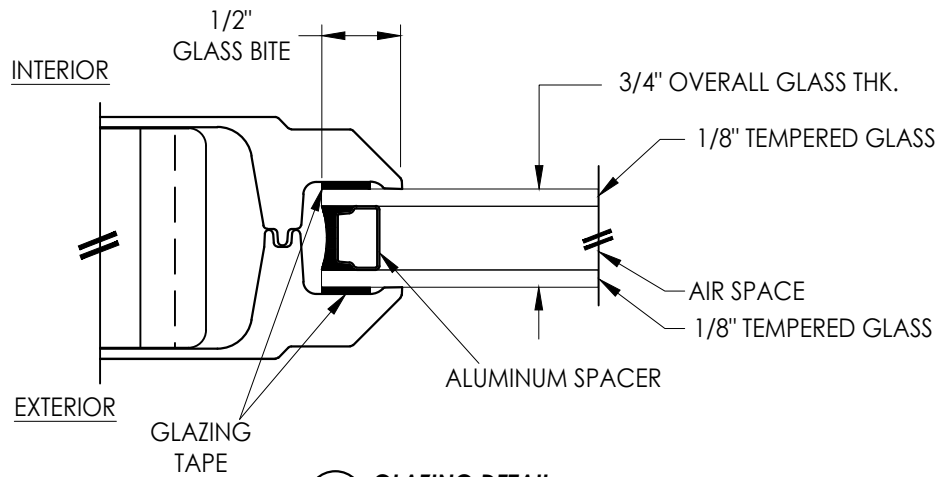
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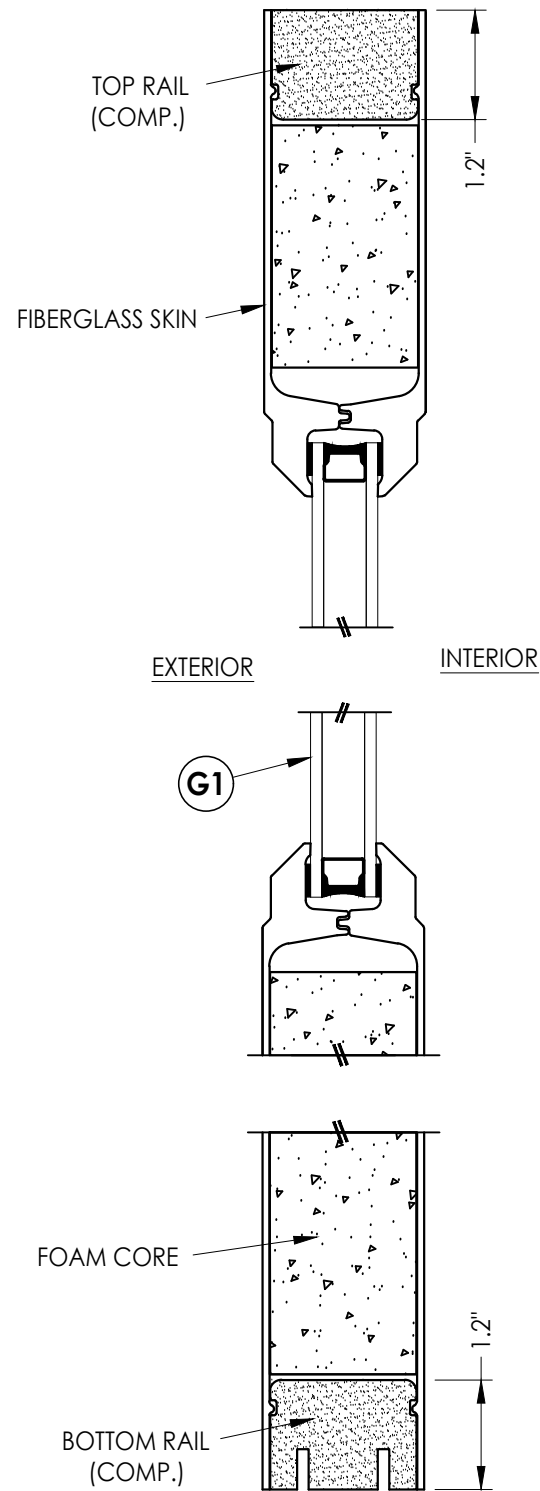
1
2 **HORIZONTAL CROSS SECTION**



ALTERNATE DEADBOLT SPACING
SEE DOOR LOCK
HARDWARE TABLE



G1 **GLAZING DETAIL**



2
2 **VERTICAL CROSS SECTION**

HARDWARE TABLE					
MANUFACTURER	MODEL		DEADBOLT SPACING	MAX. DESIGN PRESSURE (PSF)	
				INSWING	OUTSWING
KWIKSET	KNOB:	SIGNATURE SERIES	5.5"	+30/-40	+35/-35
	DEADBOLT:	SIGNATURE SERIES (980)	12"	+45/-50	+45/-45

FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: XPS FOAM (1.3 PCF MIN. DENSITY)

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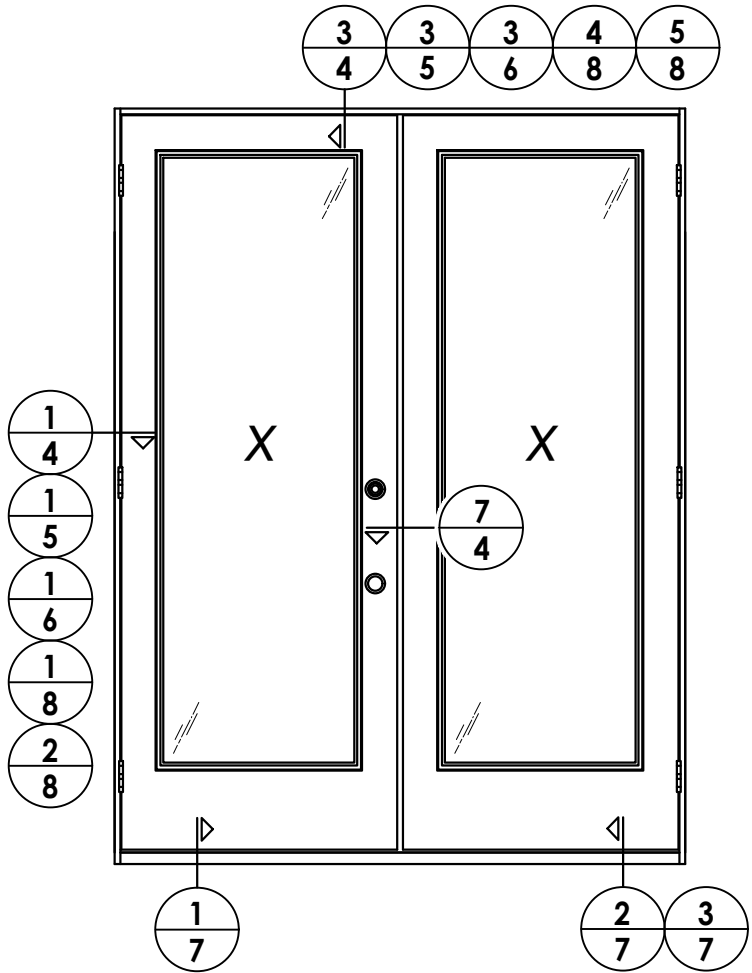
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR & SIDELITE
PANEL DETAILS

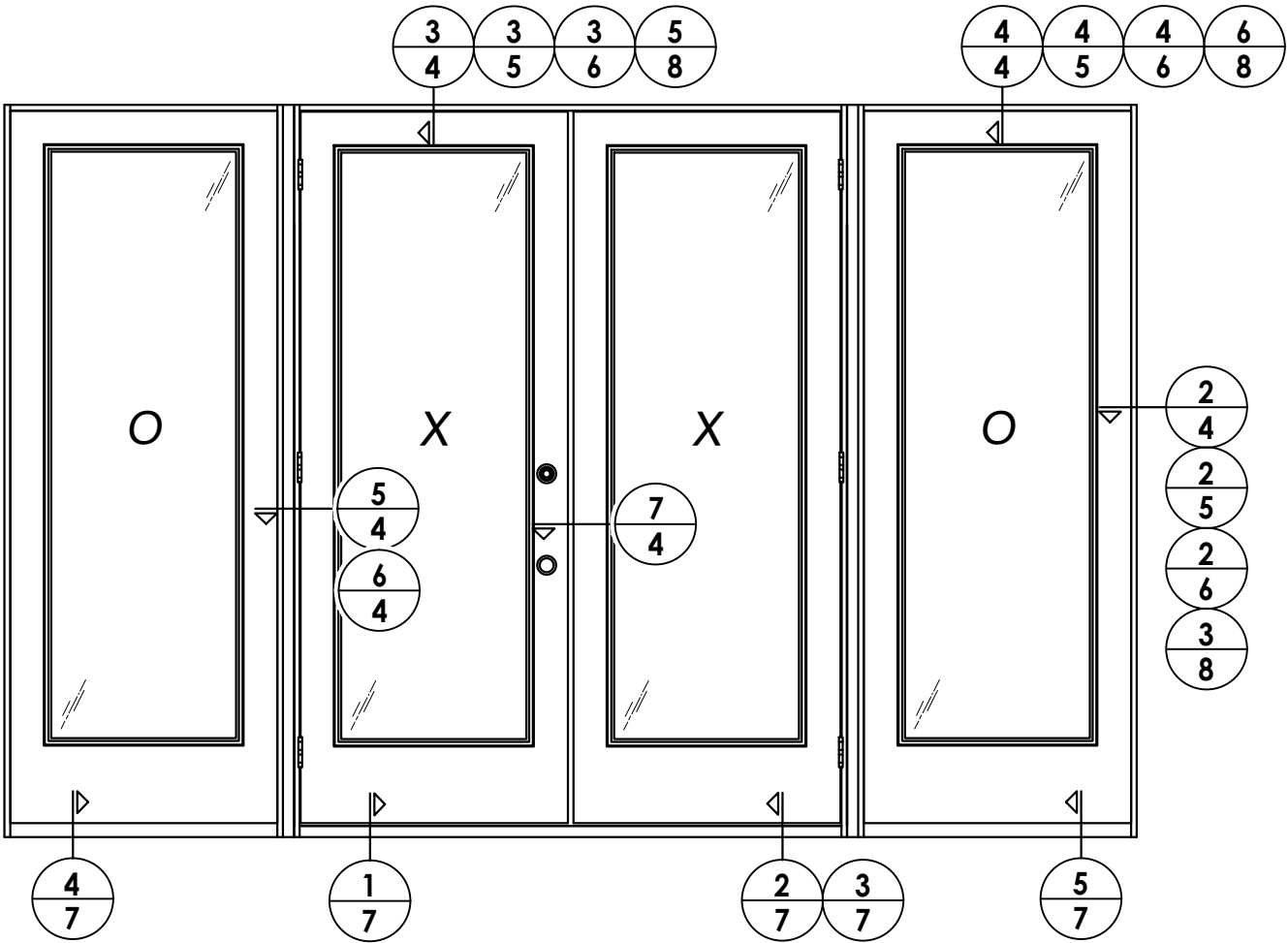
NO.	DATE	REVISIONS		
		BY	DATE	REVISIONS
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2	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED (2020) FBC	LFS	

DATE: 2/11/19
SCALE: N.T.S.
DWG. BY: MT
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DRAWING NO.: FL-28685.9
SHEET 2 OF 11

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ELEVATION
XX



ELEVATION
OXXO

DATE: 2/11/19			SHEET 3 OF 11		
SCALE: N.T.S.			DRAWING NO.: FL-28685.9		
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NO.			DATE		
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
REVISIONS					
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR			PART OR ASSEMBLY: ELEVATIONS		
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					
R ^W BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813					

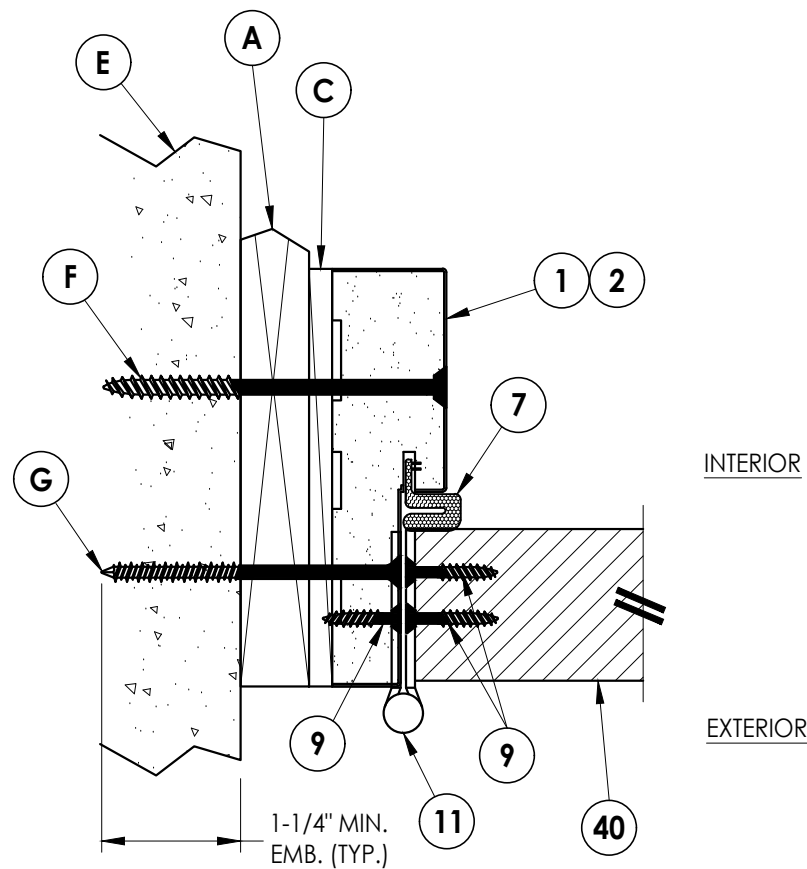


2. Spacing for item J @ head & sill: 6" from ends (2 total).

[illegible]

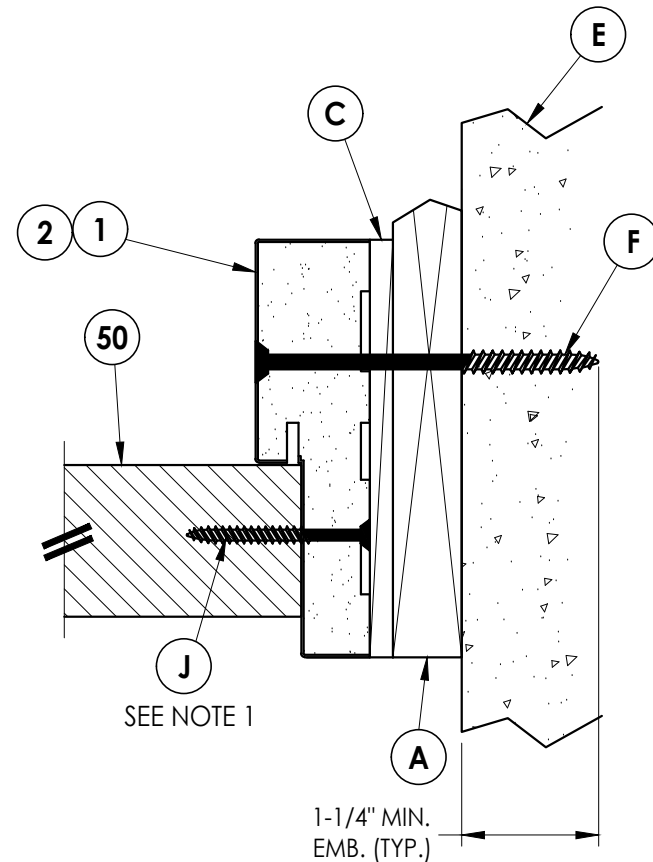
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1 **HORIZONTAL CROSS SECTION**

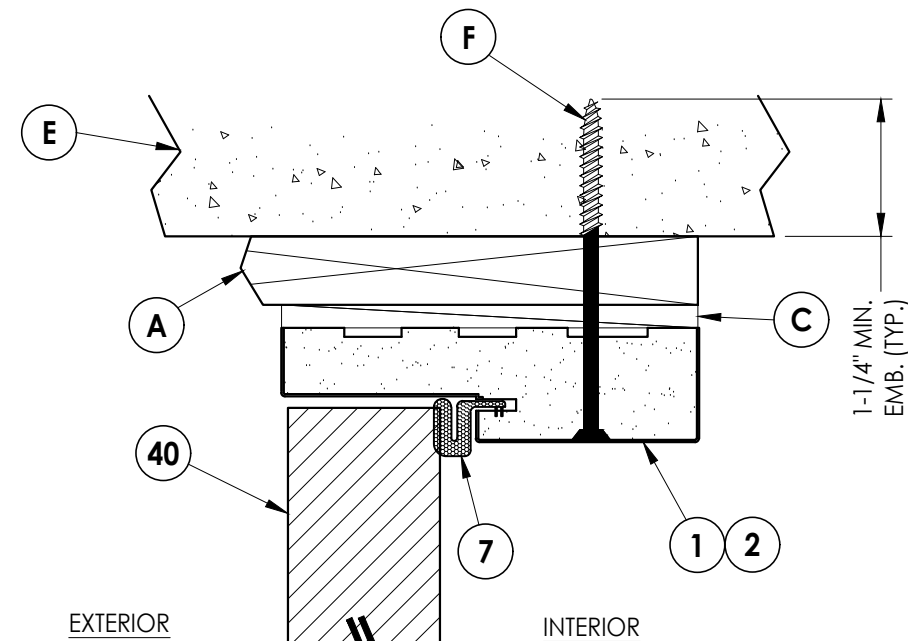
5 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



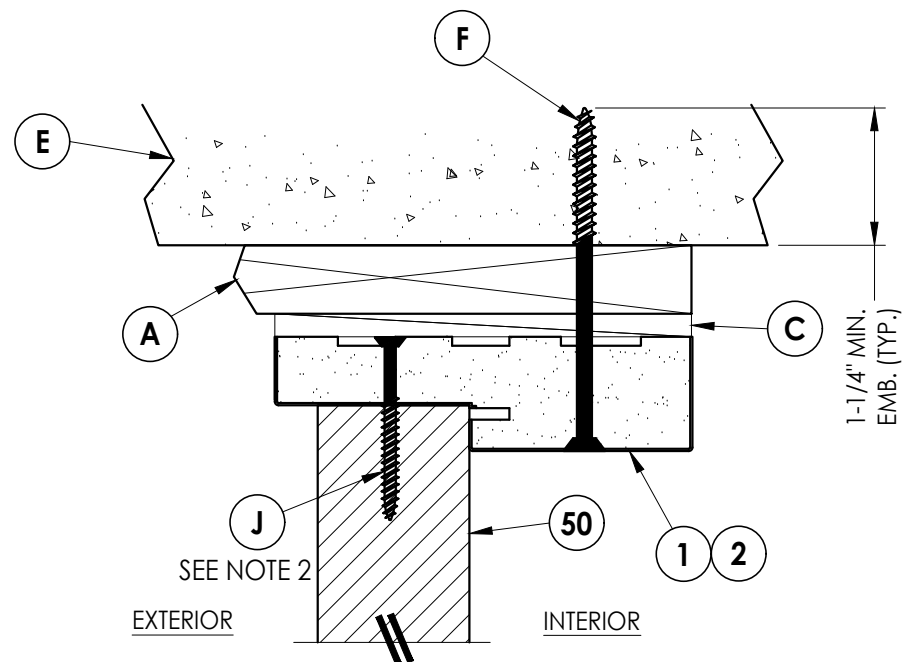
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

NOTES:

1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).



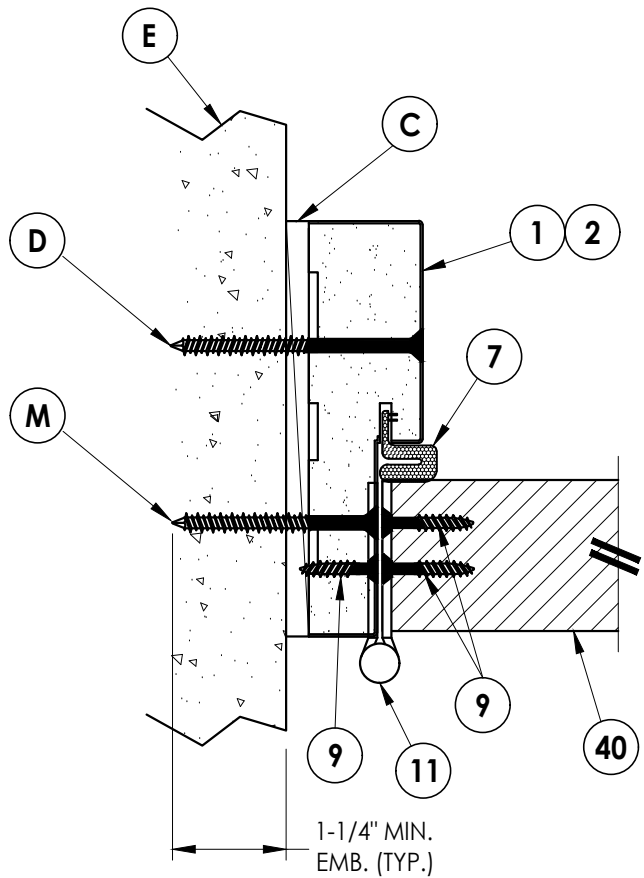
3 **VERTICAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)



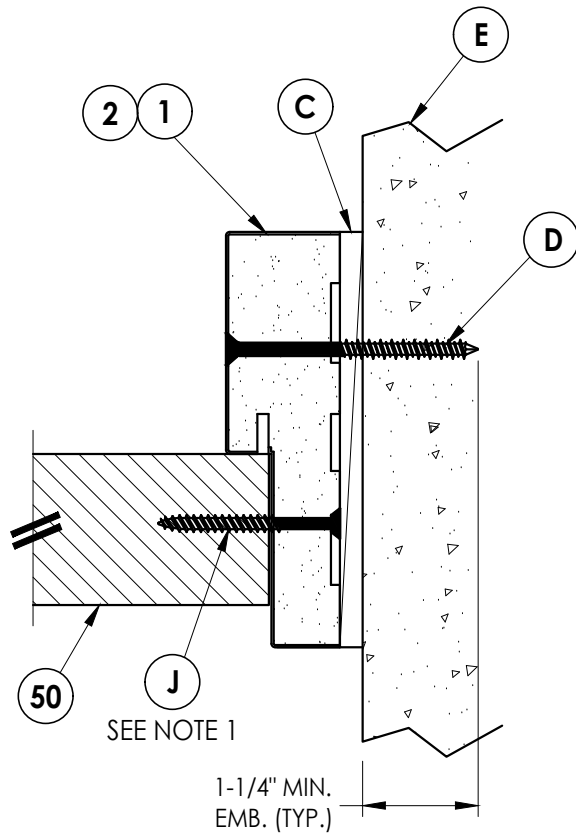
4 VERTICAL CROSS SECTION
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

DATE: 2/11/19		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		PLASTPRO INC.		Lyndon F. Schmidt	
DWG. BY: MT		FIBERGLASS DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-28685.9		HORIZONTAL & VERTICAL			
SHEET 5 OF 11		CROSS SECTIONS (1X BUCK)			
REVISONS					
NO. DATE					
1 7/23/20		UPDATE TO 7TH ED (2020)		LFS	
2 8/10/23		UPDATE TO 8TH ED. (2023)		LFS	
3 7/01/26		UPDATE TO 9TH ED. (2026)		LFS	

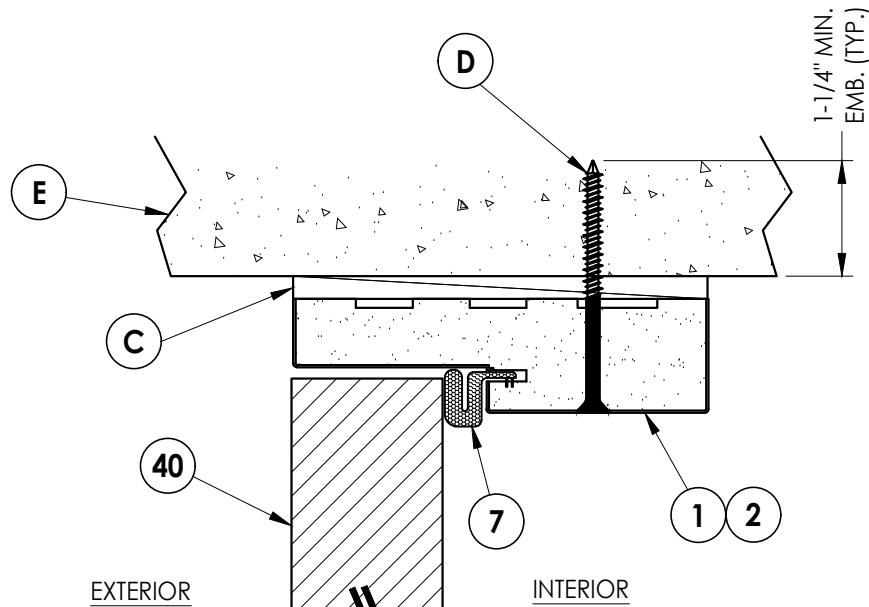
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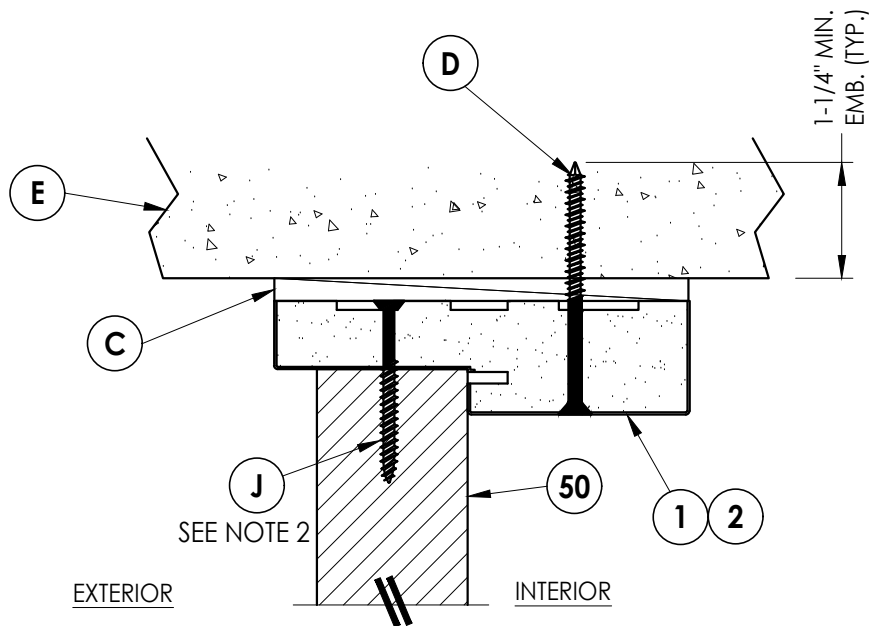
1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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



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

NOTES:

1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

R^W BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

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FBPE Registry No. 9813

PRODUCT:

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

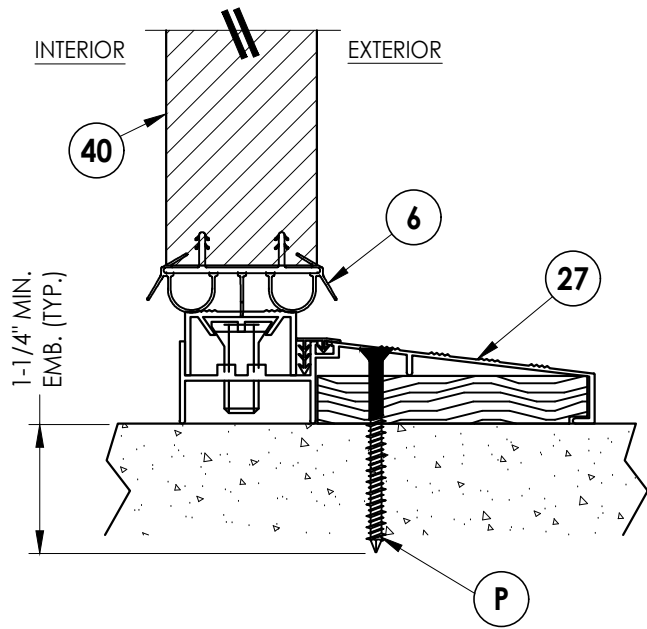
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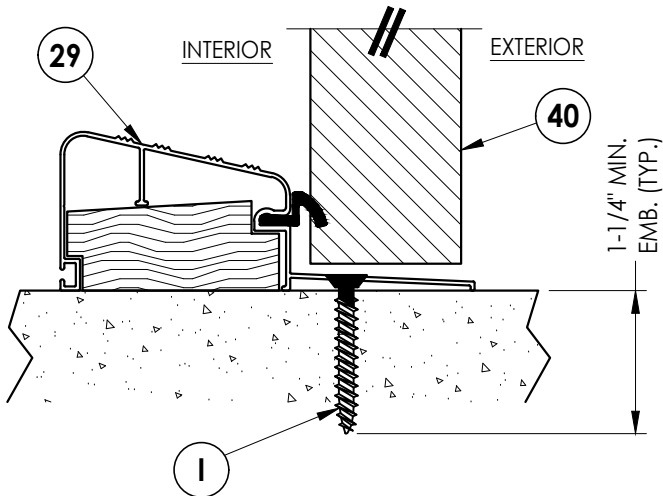
FL-28685.9

SHEET 6 OF 11

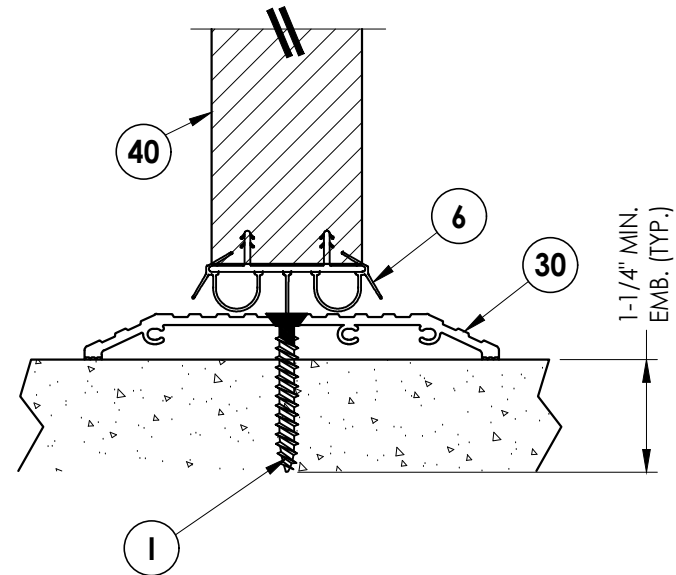
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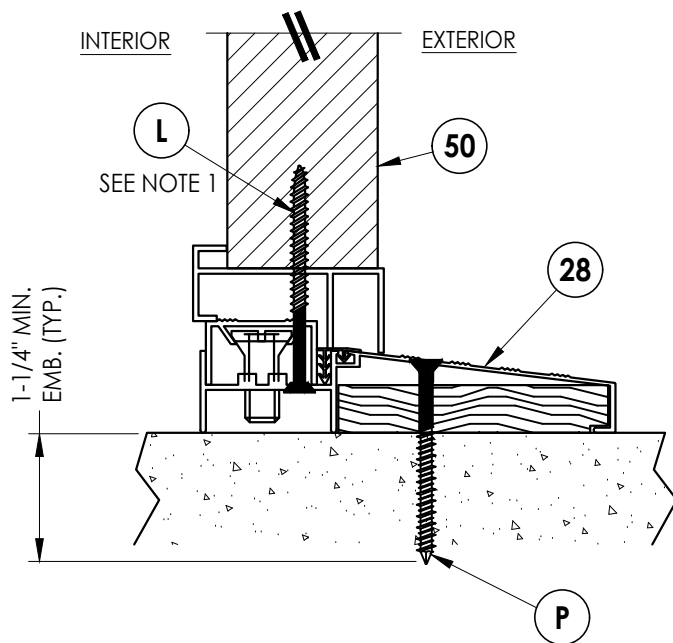
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7 **VERTICAL CROSS SECTION**
Inswing sill



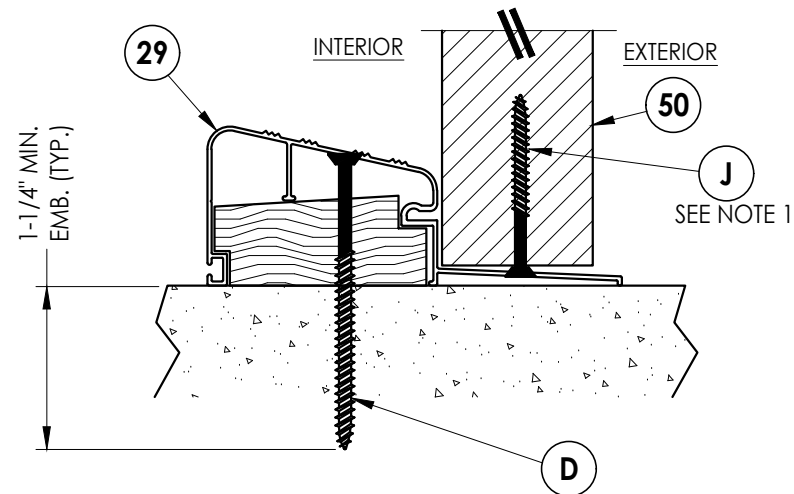
2
7 **VERTICAL CROSS SECTION**
Outswing sill



3
7 **VERTICAL CROSS SECTION**
ADA Sill



4
7 **VERTICAL CROSS SECTION**
Inswing sill



5
7 **VERTICAL CROSS SECTION**
Outswing sill

NOTE:

1. Spacing for item J & L @ head & sill: 6" from each end (2 total).

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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)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
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DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

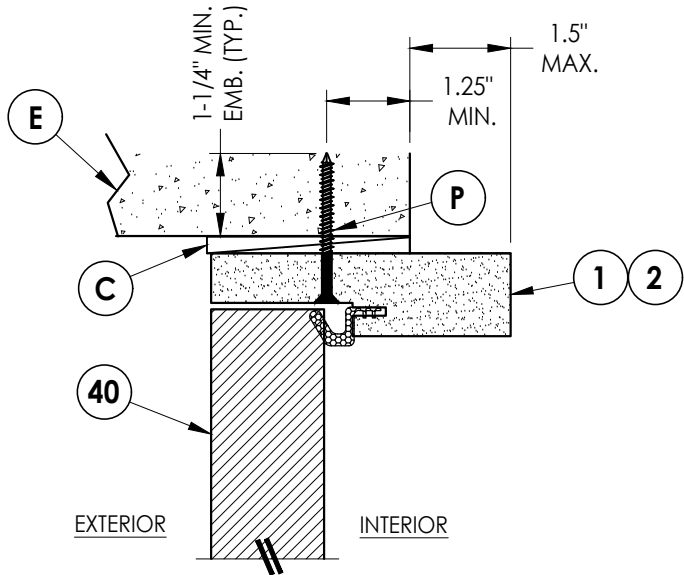
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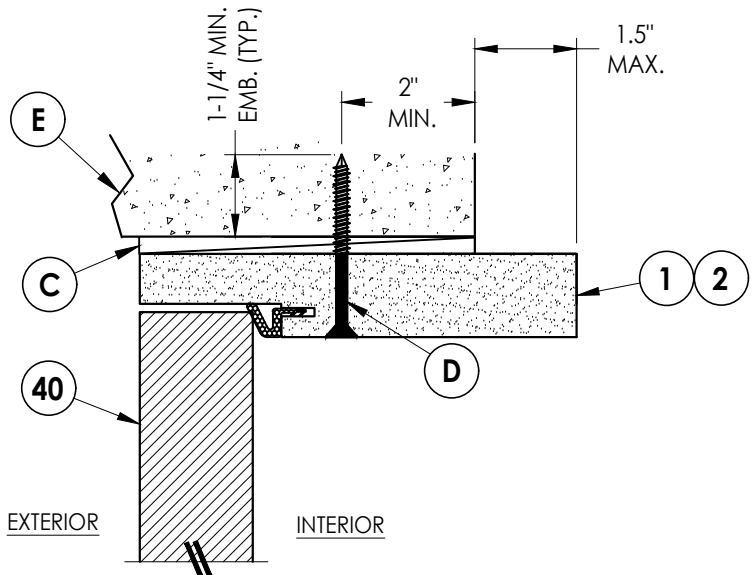
FL-28685.9

SHEET 7 OF 11

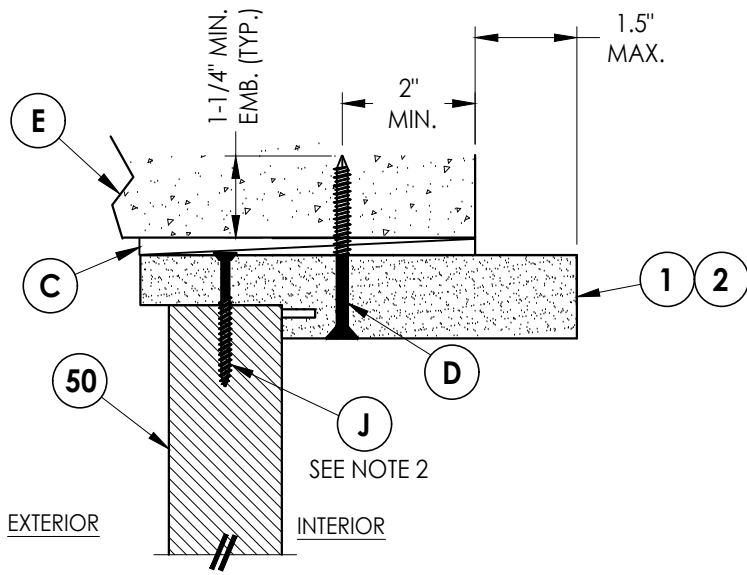
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4 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

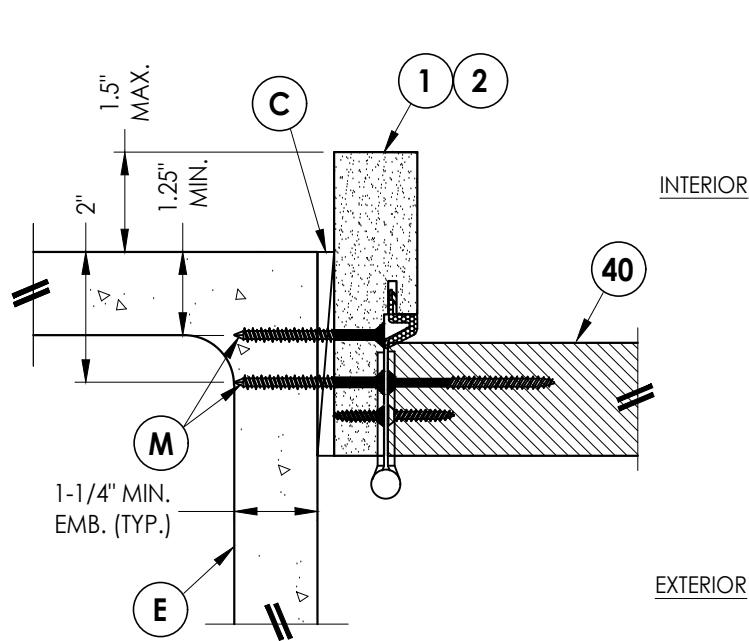


5 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

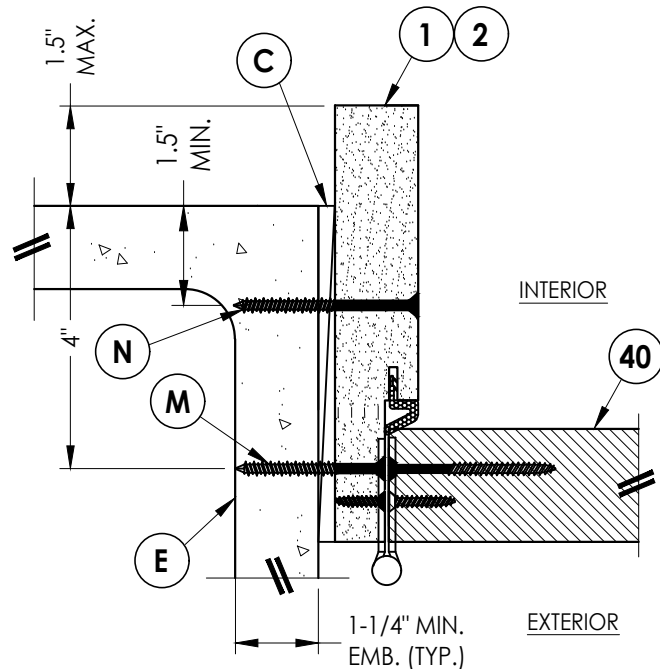


6 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

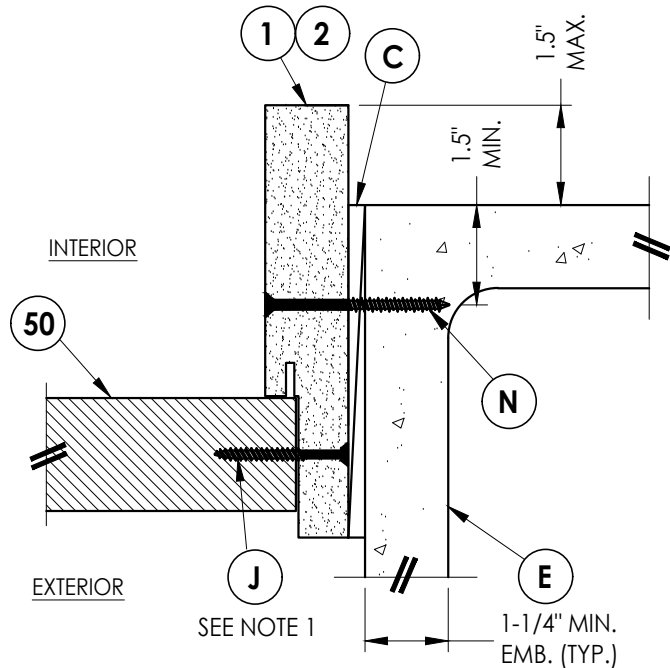
- NOTES:
- Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
 - Spacing for item J @ head & sill: 6" from ends (2 total).



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



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



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

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 SECTIONS (DIRECT TO MASONRY)**

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

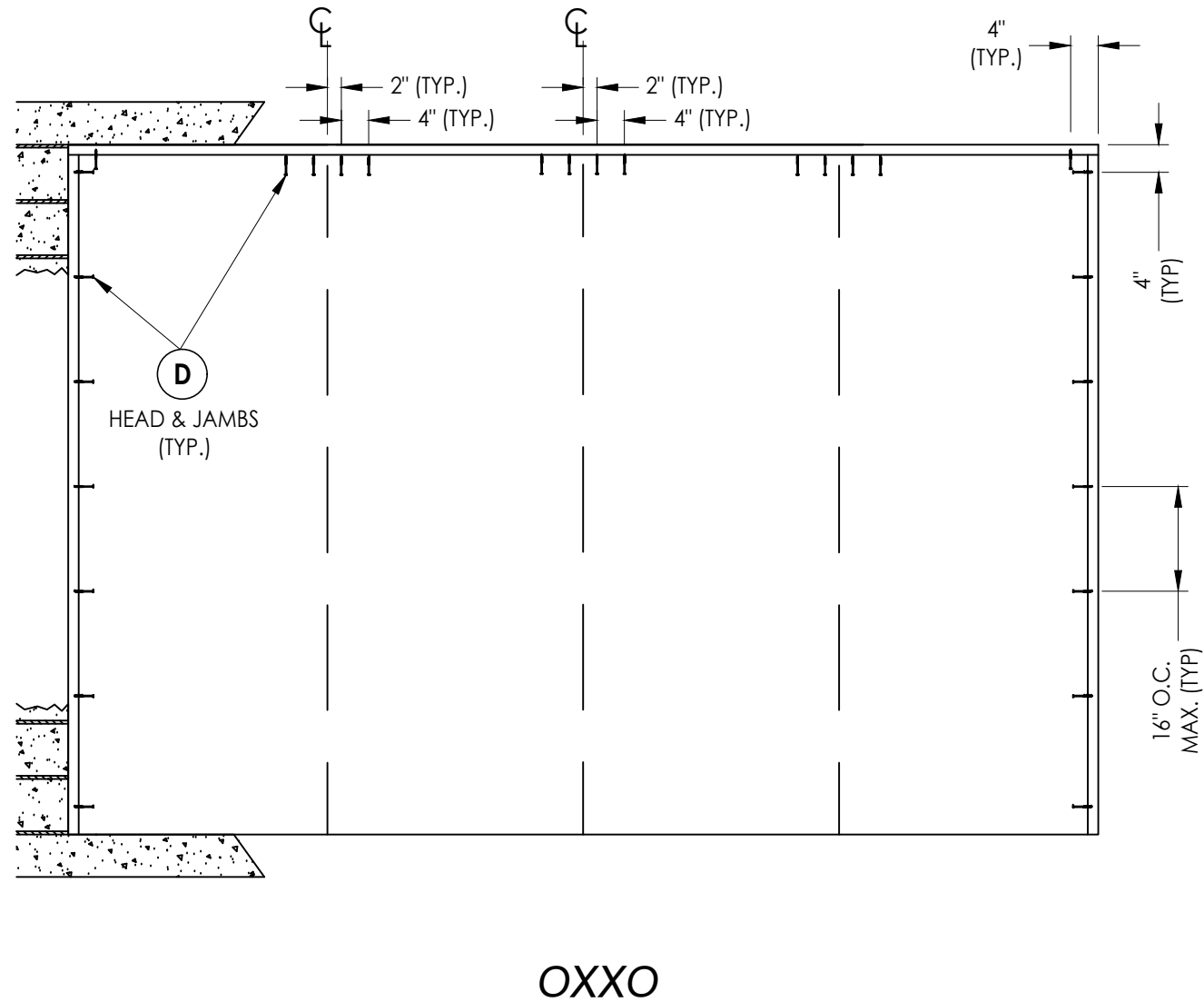
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DRAWING NO.:
FL-28685.9

SHEET 8 OF 11

2X BUCK ANCHORING

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FL-28685.9

PRODUCT:

PLASTPRO INC.
FIBERGLASS DOOR

ASSEMBLY:
BUCK ANCHORING

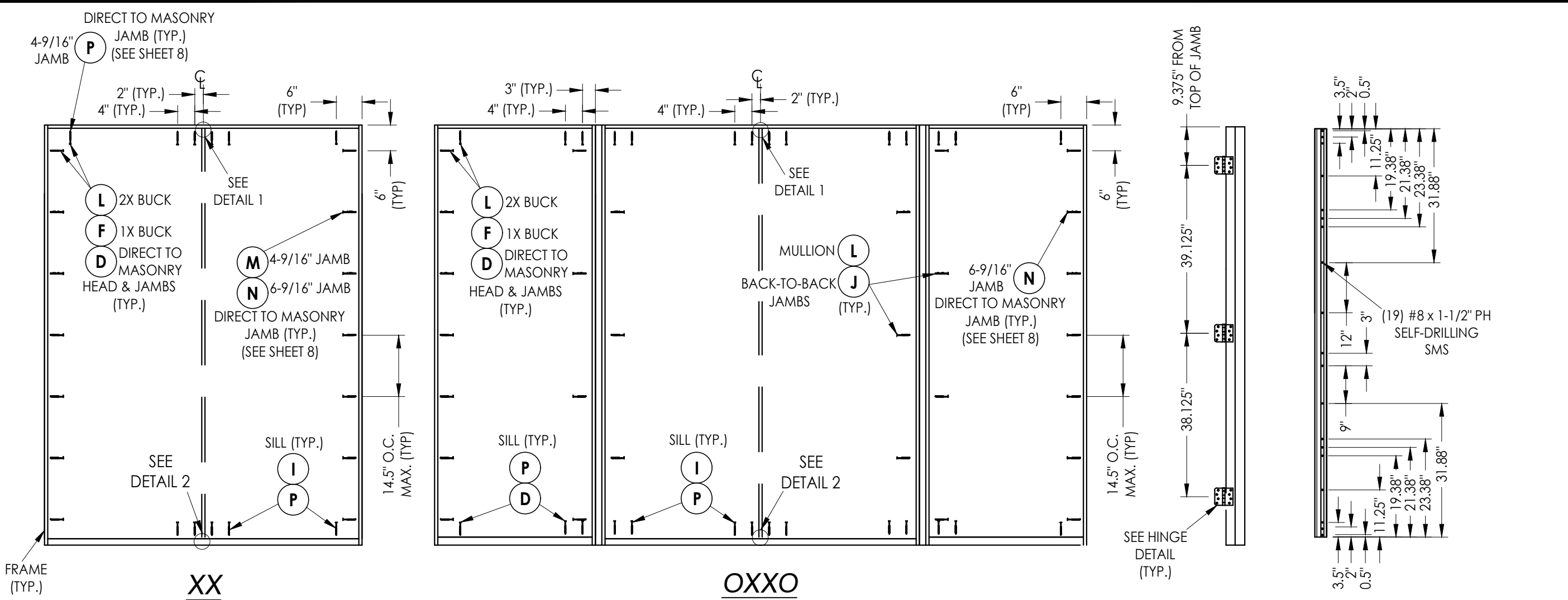
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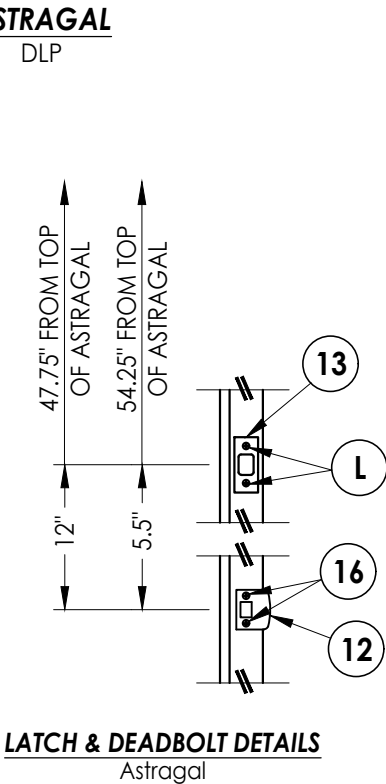
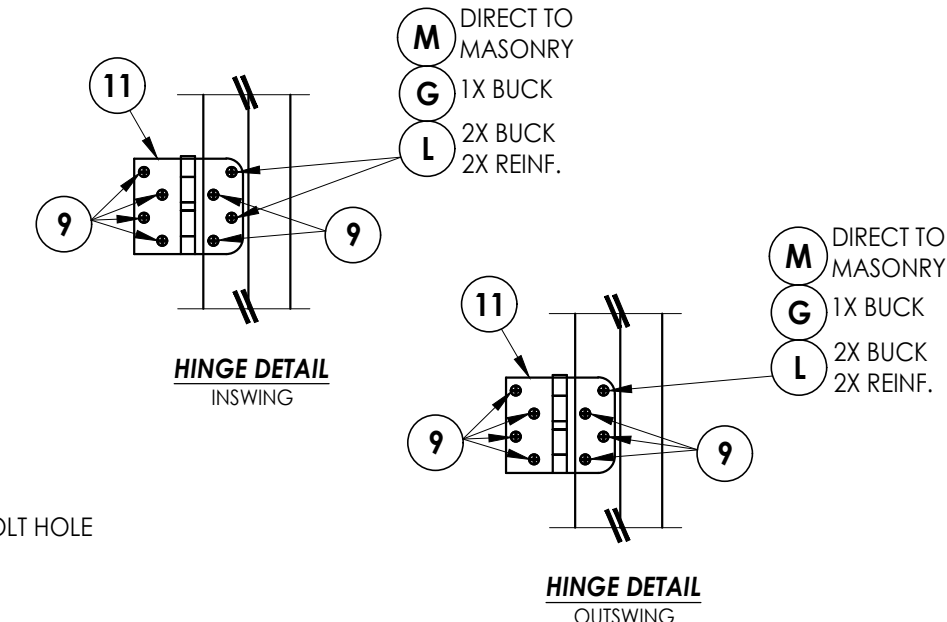
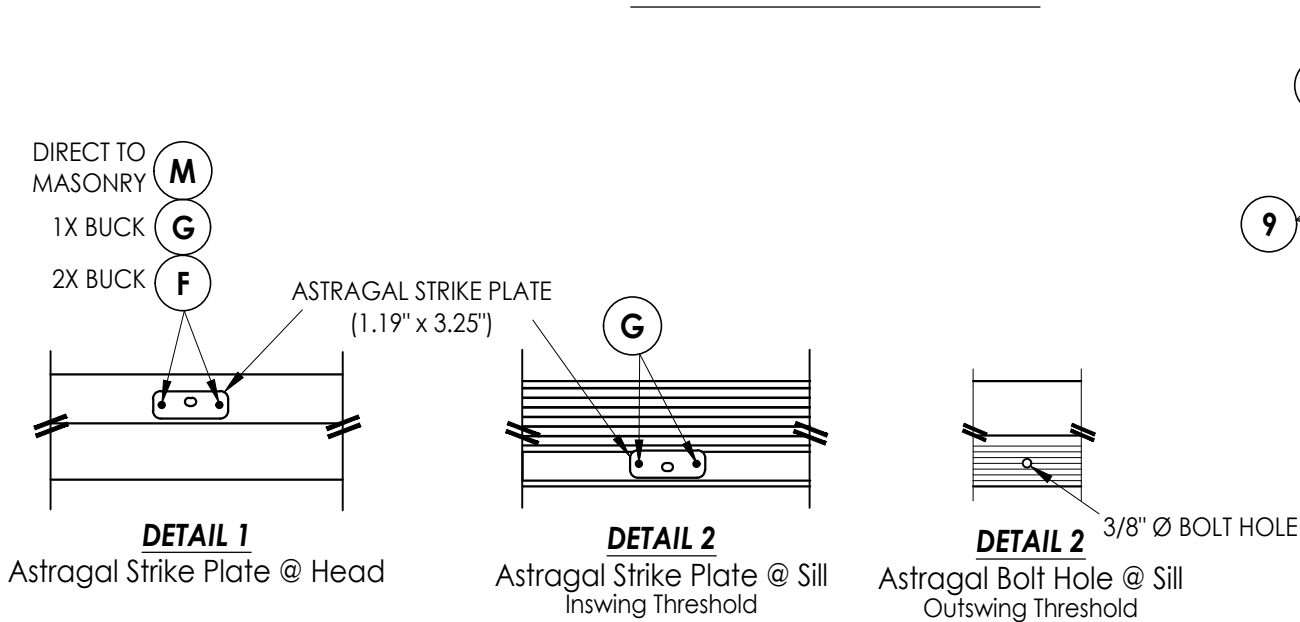
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FRAME ANCHORING



HINGE JAMB

ASTRAGAL

DLP

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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
		LFS	BY
		FBC	
	3	7/01/26	UPDATE TO 9TH ED. (2026)
	2	8/10/23	UPDATE TO 8TH ED. (2023)
	1	7/23/20	UPDATE TO 7TH ED. (2020)
	NO.	DATE	REVISIONS
DATE: 2/11/19			
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DWG. BY: MT			
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DRAWING NO.: FL-28685.9			
SHEET 10 OF 11			

