

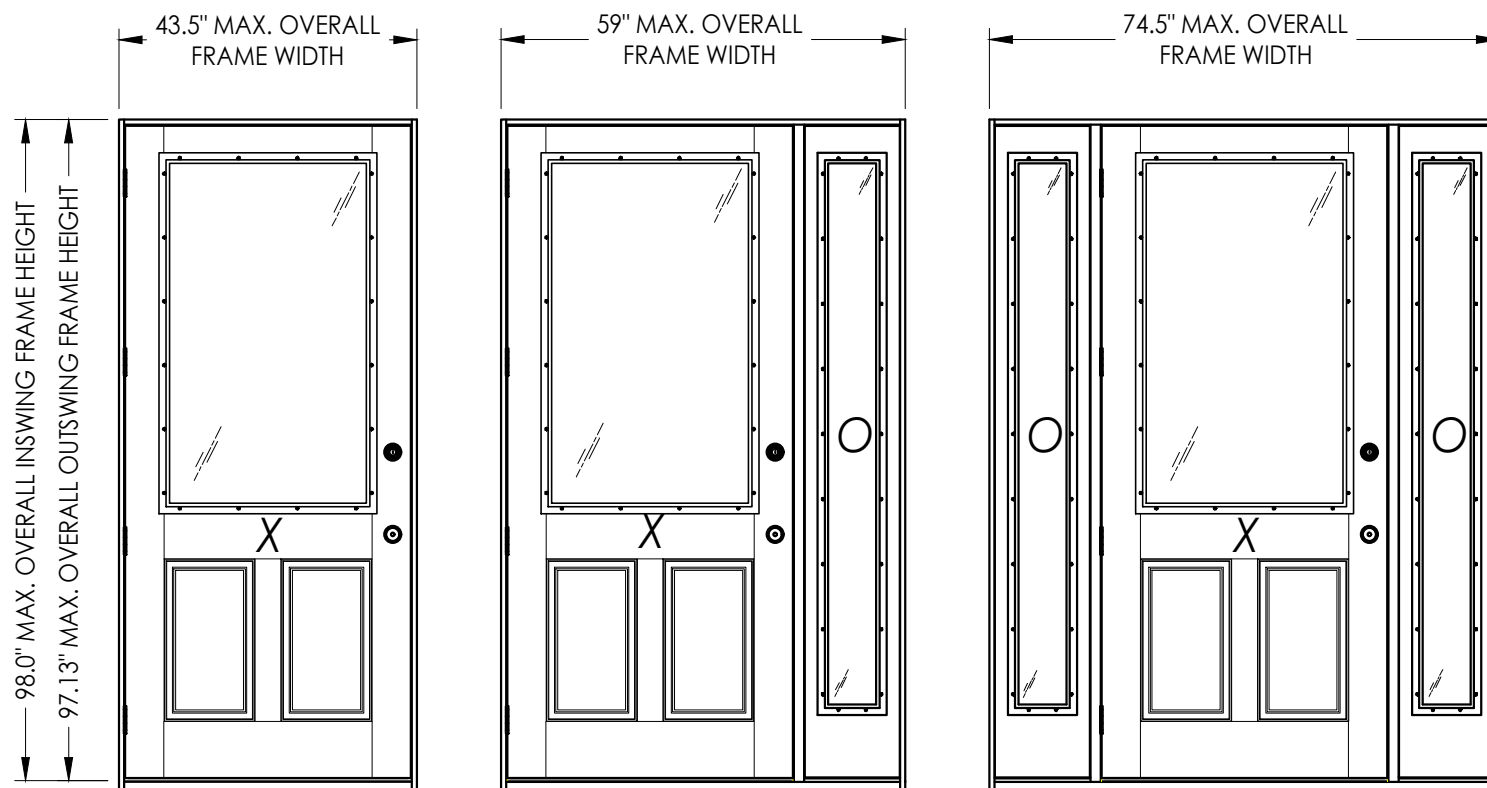
Smooth / Wood Grain / Mahogany / Rustic Series Fiberglass Door INSWING / OUTSWING "NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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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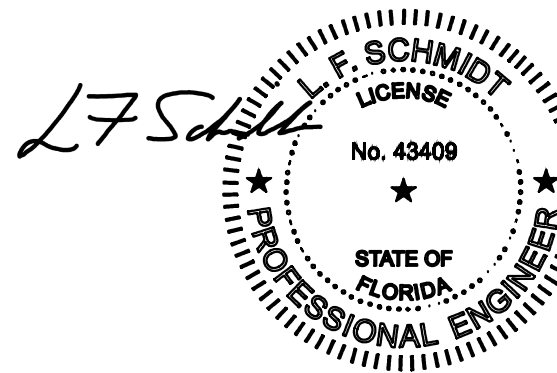
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details and Glazing Detail
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Buck Anchoring
11	Frame Anchoring
12	Bill of Materials and components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	43.5" x 98.0"	N / A	+40.0	-50.0	+40.0	-40.0
OX/XO	59.0" x 98.0"	7" X 79"	+40.0	-50.0	+40.0	-40.0
OXO	74.5" x 98.0"	7" X 79"	+40.0	-50.0	+40.0	-40.0

See Sheet 2 for hardware limits on Design Pressure (PSF).



Digitally signed by
Lyndon F Schmidt
Date: 2023.08.14
7:18:20 -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

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P.E. No. 43409

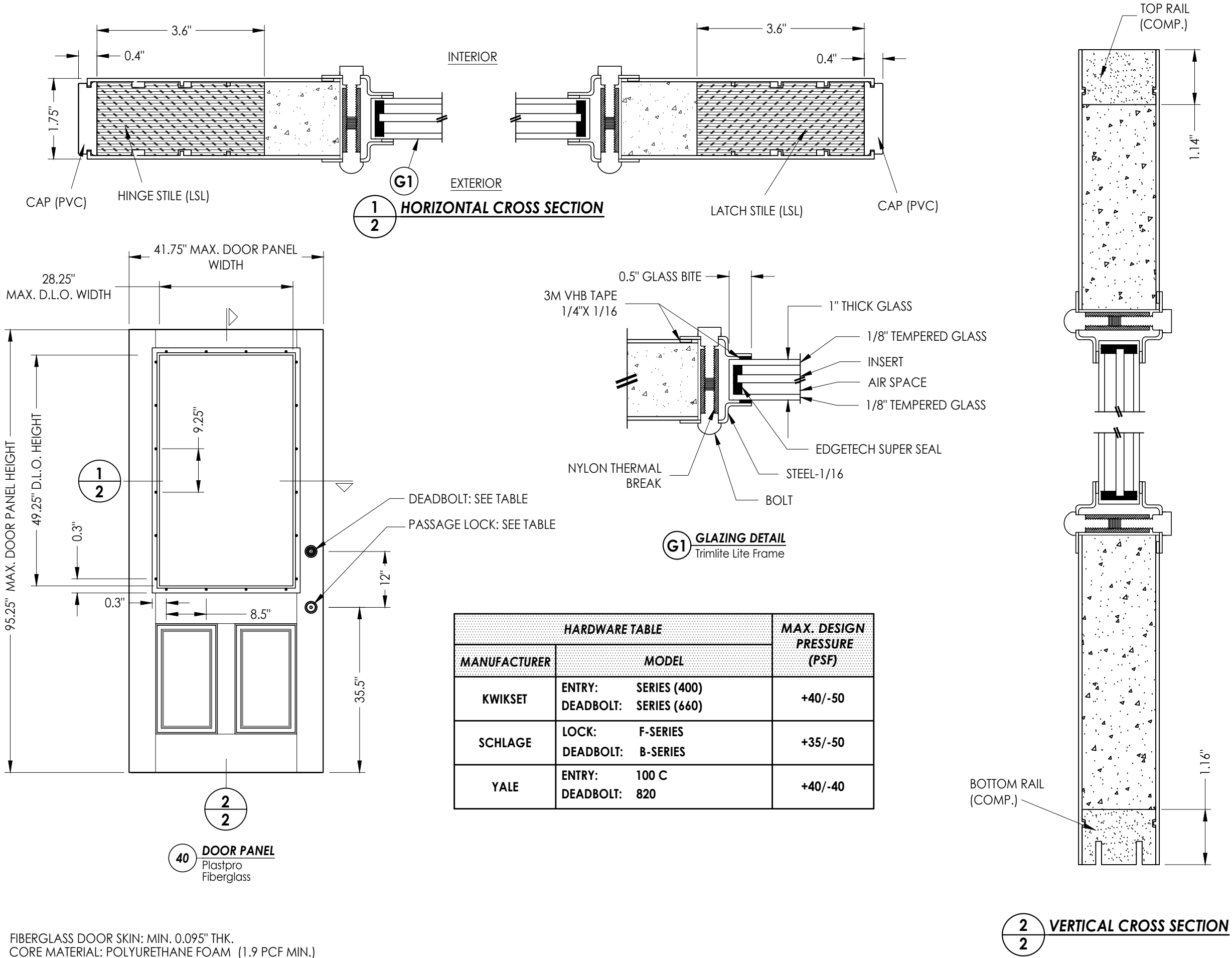
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	7/19/22	REVISE DOOR PANEL
2	7/23/20	UPDATE TO 7TH ED (2020) FBC
1	7/24/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	BY

DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15209.7
SHEET 1 OF 12

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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/19/22	REVISE DOOR PANEL		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: 04/14/16

SCALE: N.T.S.

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CHK. BY: LFS

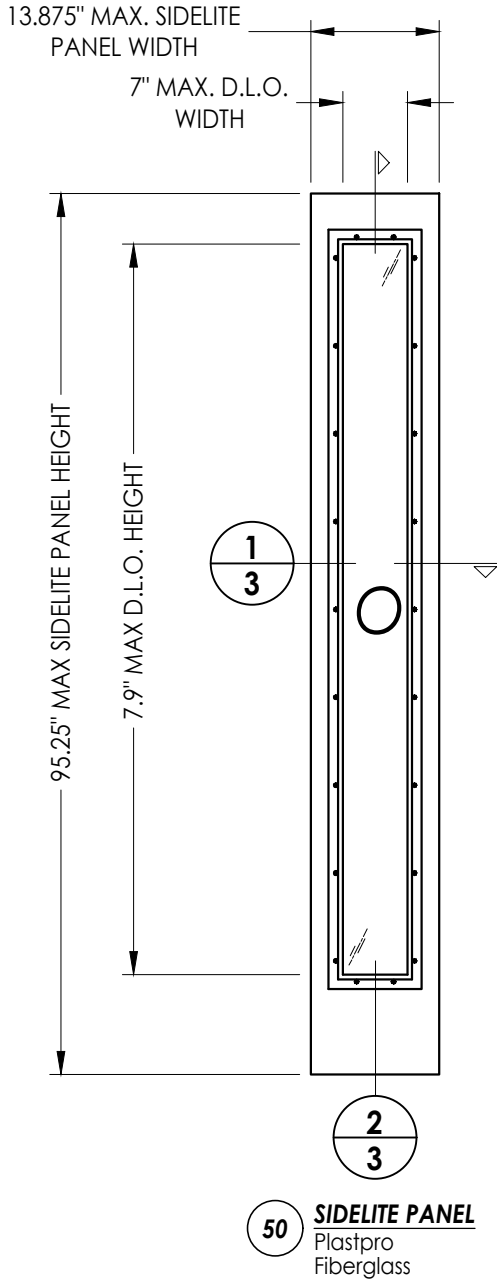
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SHEET 2 OF 12

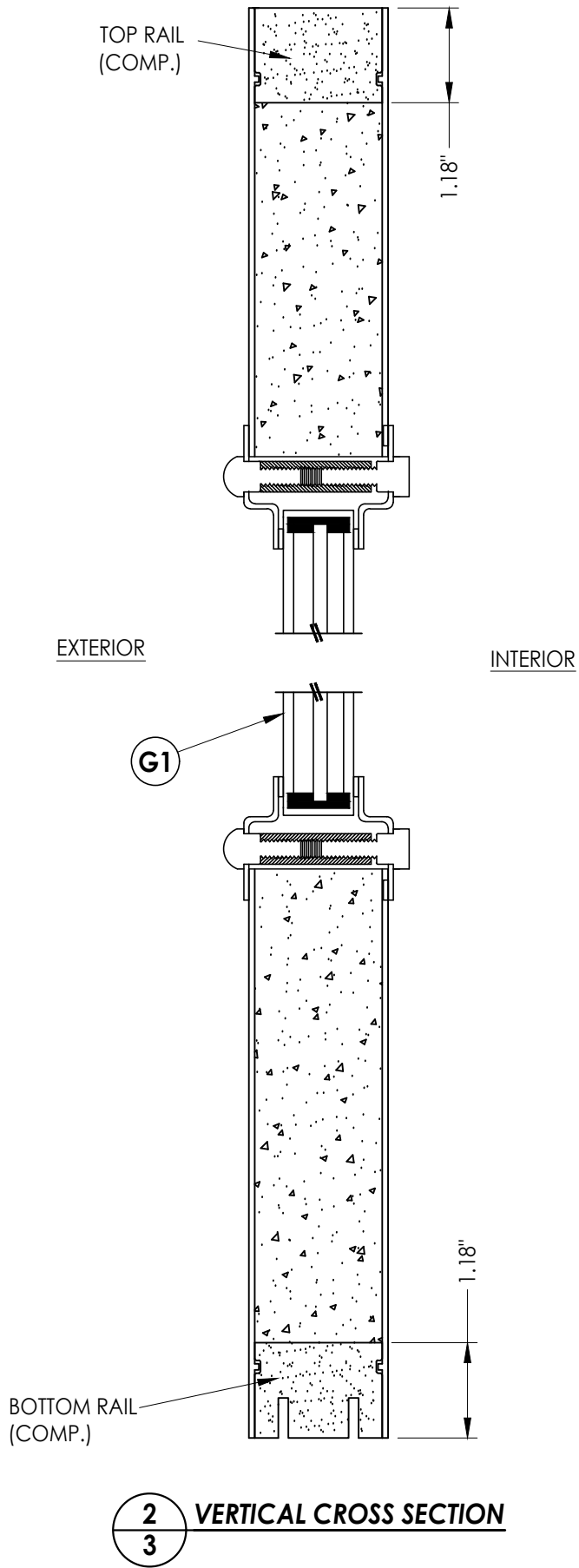
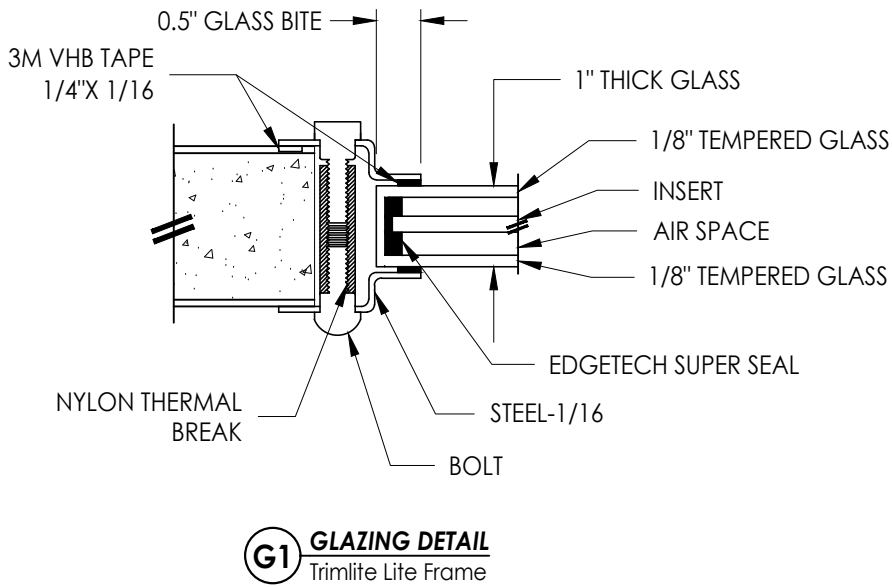
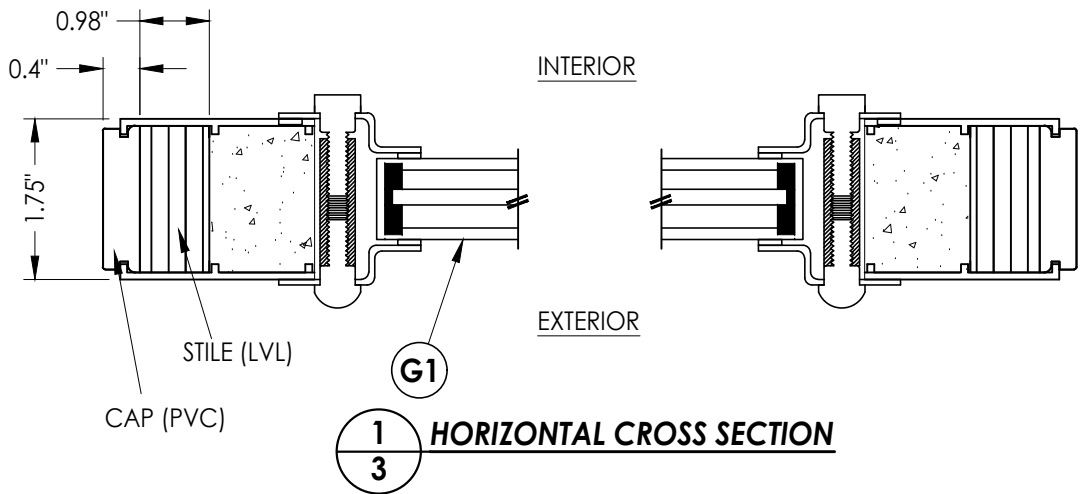
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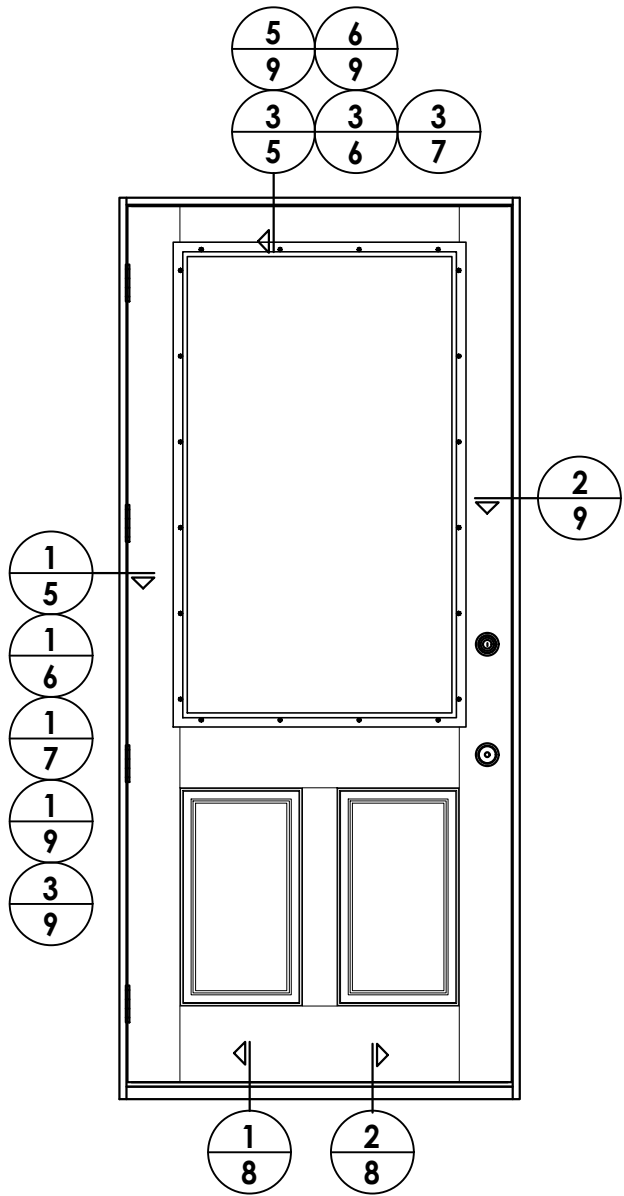


FIBERGLASS DOOR SKIN: MIN. 0.075" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

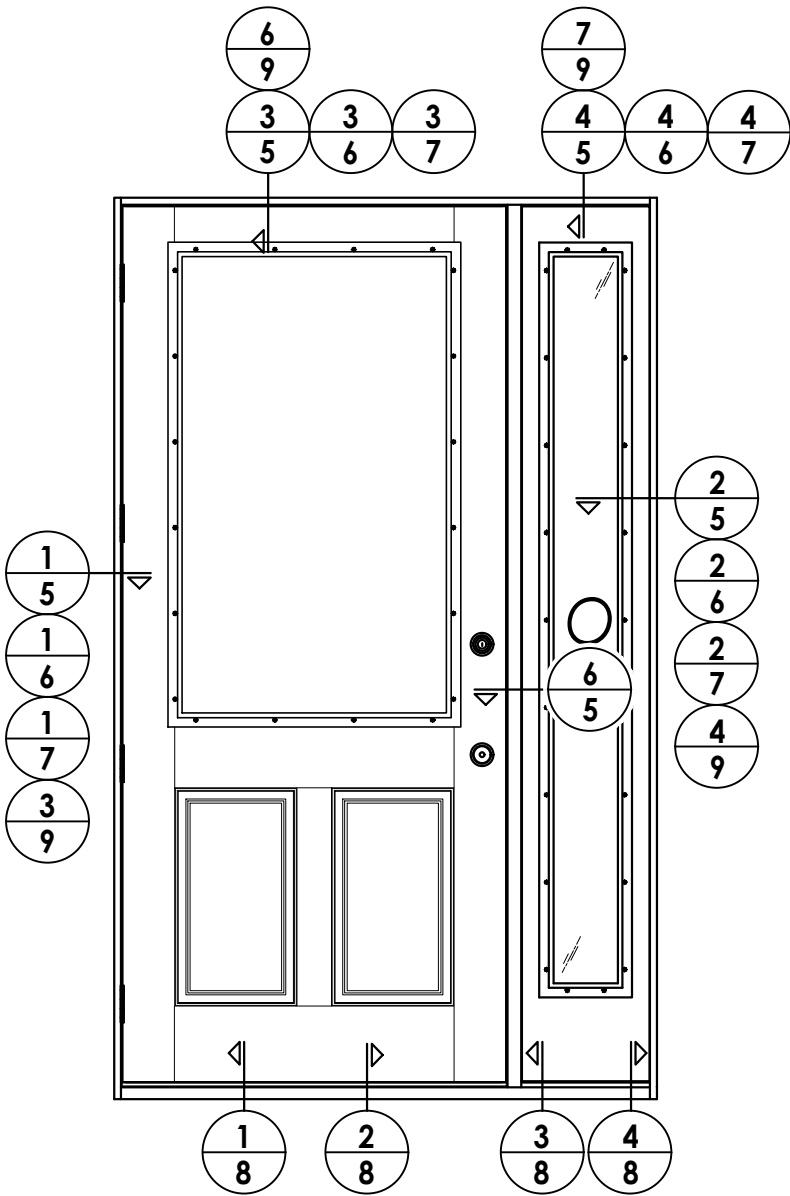


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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS AND GLAZING DETAIL			
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/19/22	REVISE DOOR PANEL		LFS			
2	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
1	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
	NO.	DATE		BY			
				REVISIONS			
DATE: 04/14/16							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15209.7							
SHEET 3 OF 12							

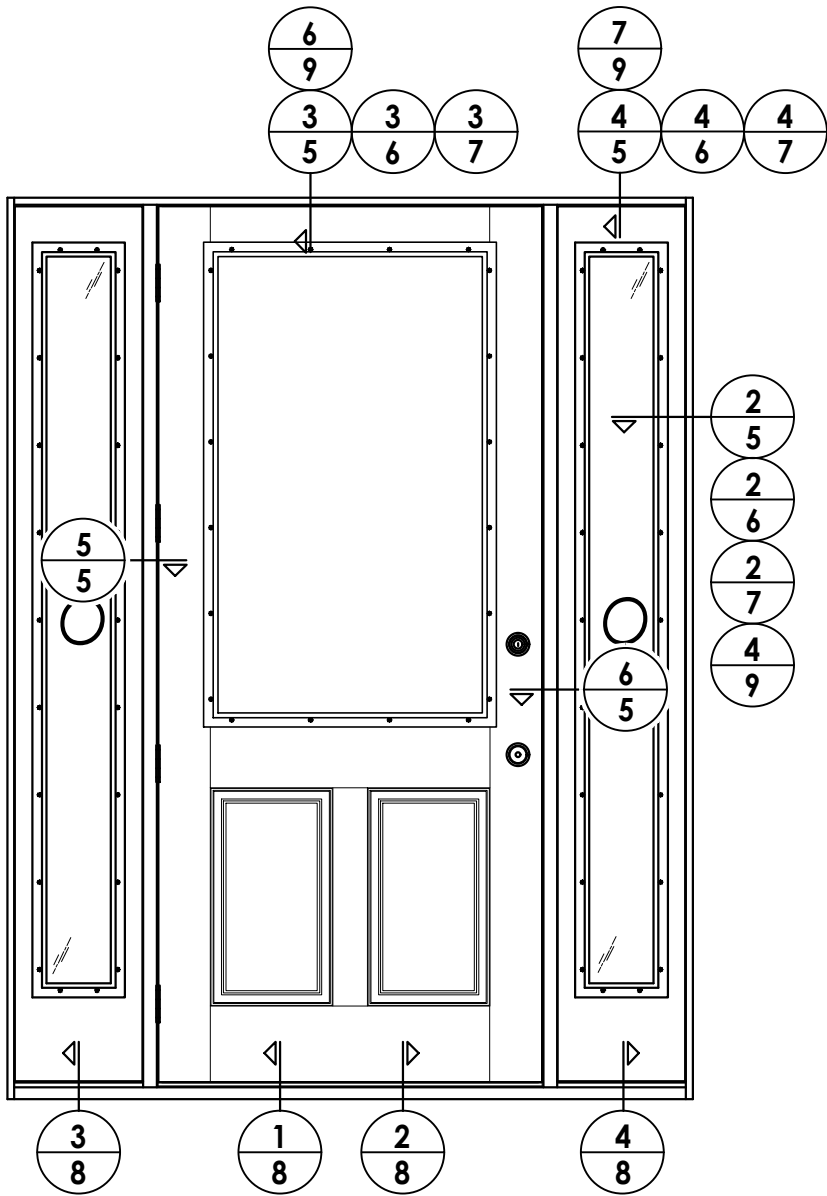
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ELEVATION (X)



ELEVATION (XO)



ELEVATION (OXO)

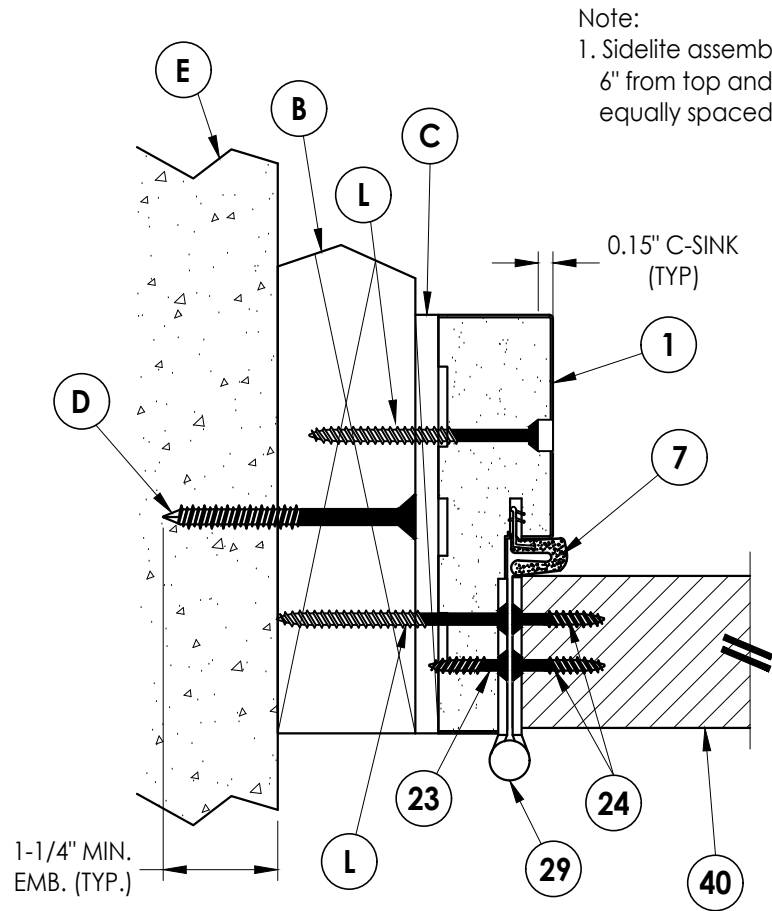
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3	7/19/22	REVISE DOOR PANEL		LFS	
2	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
1	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
				BY	

DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.7
SHEET 4 OF 12

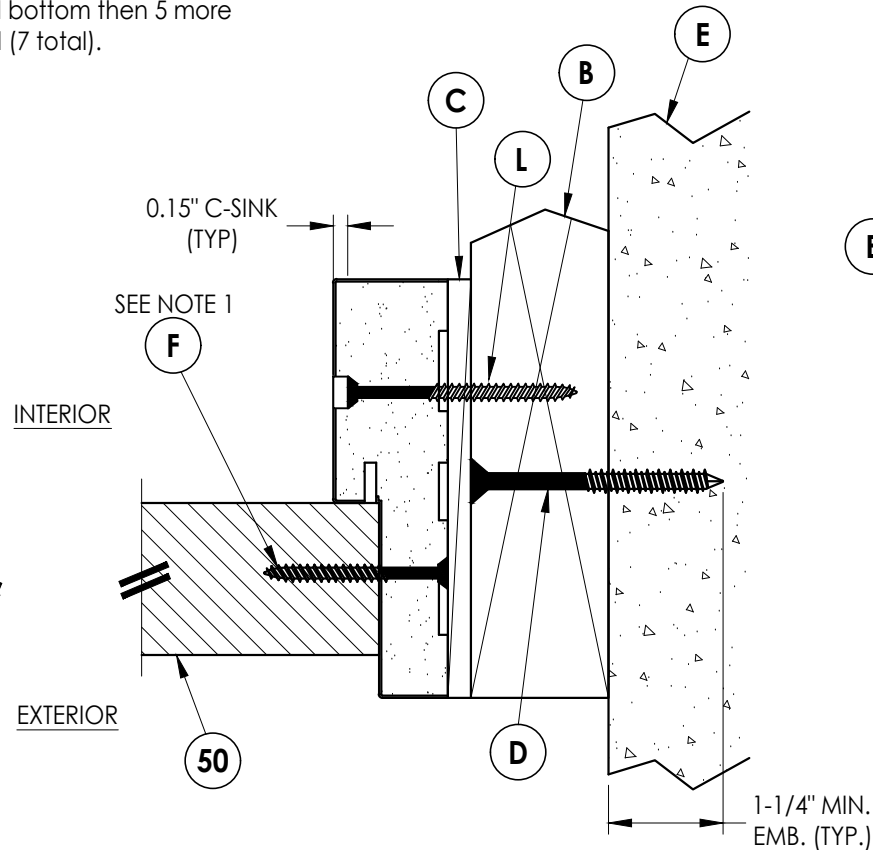
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: ELEVATIONS

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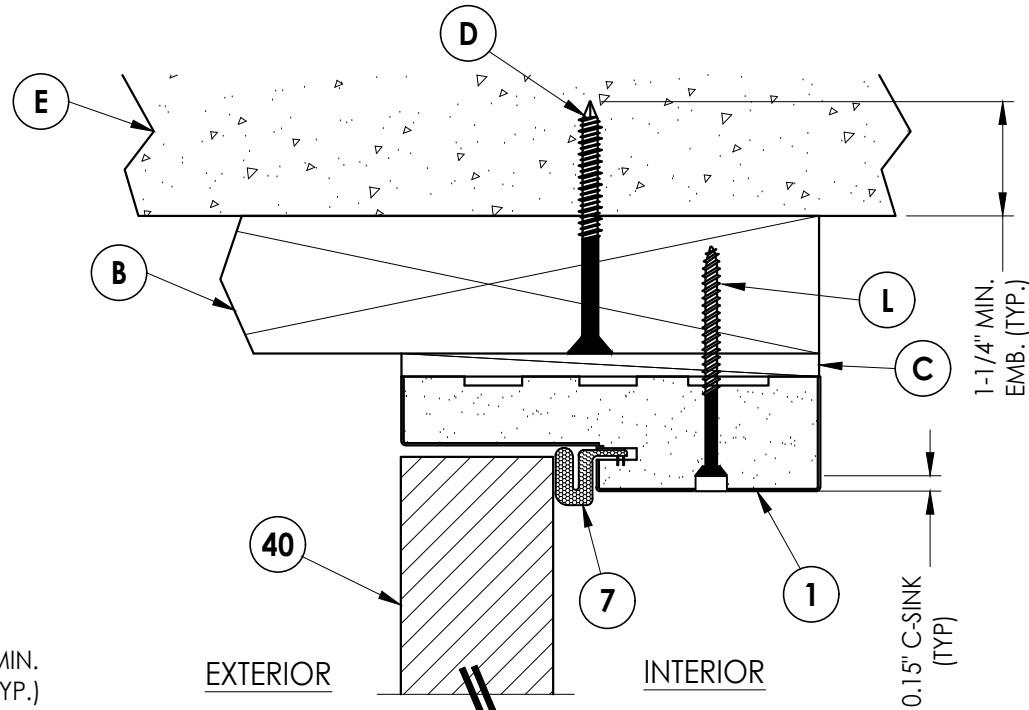
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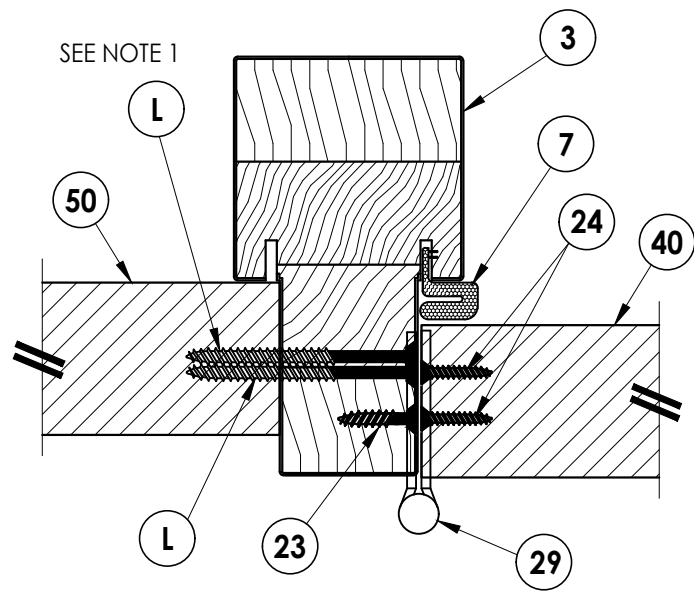
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



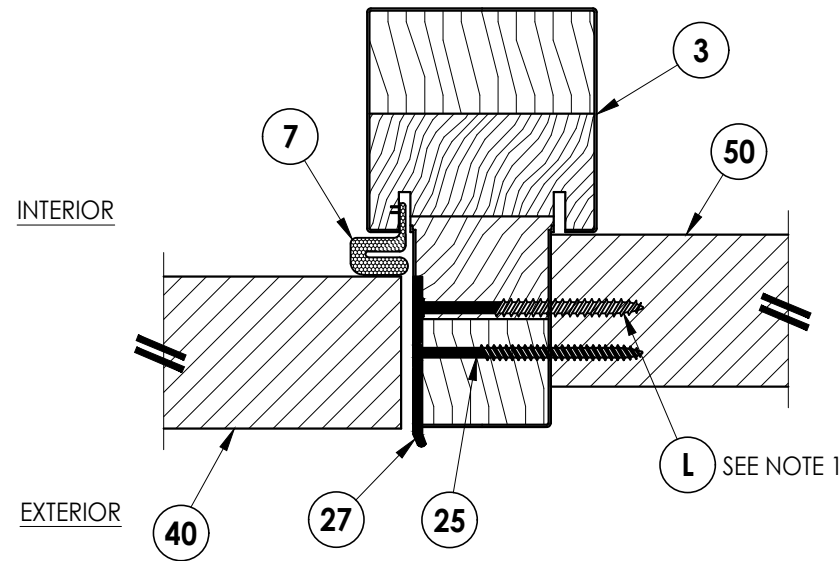
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Outswing shown (Inswing similar)



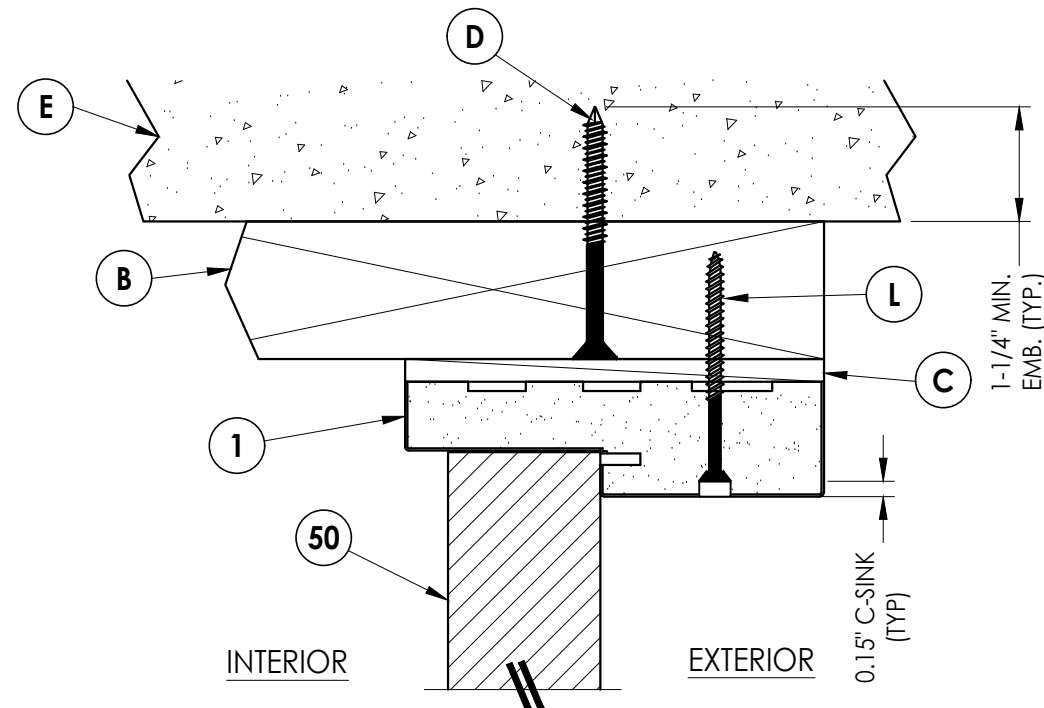
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5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



5
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



6
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



4
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	7/19/22	REVISE DOOR PANEL
2	7/23/20	UPDATE TO 7TH ED (2020) FBC
1	7/24/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

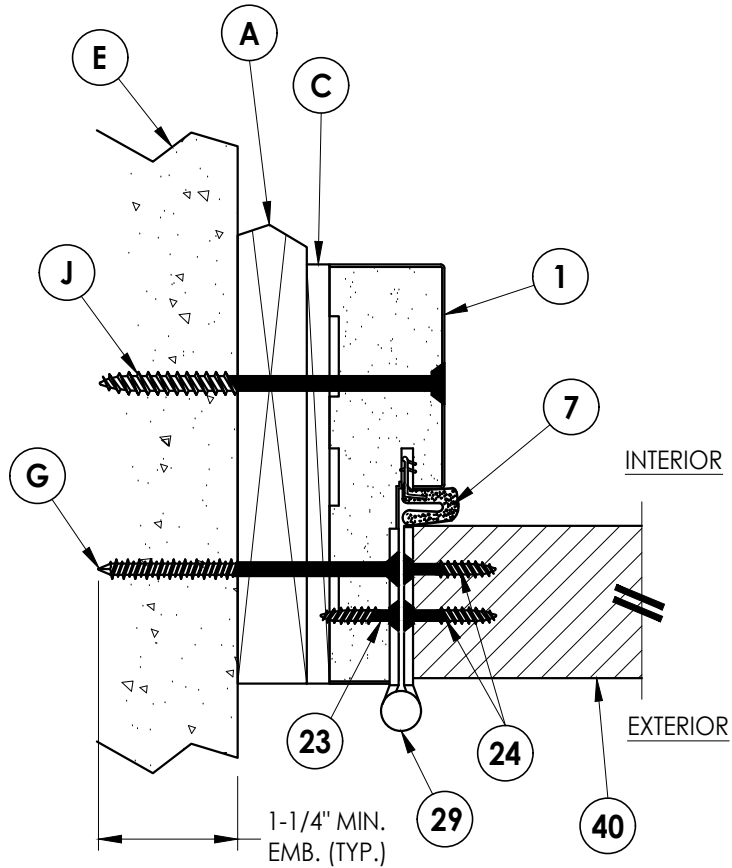
CHK. BY: LFS

DRAWING NO.:

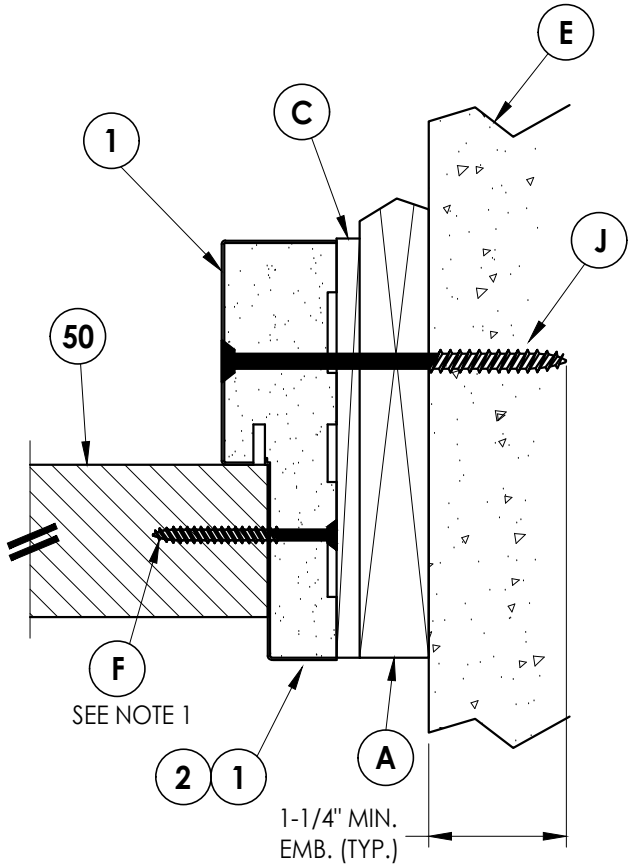
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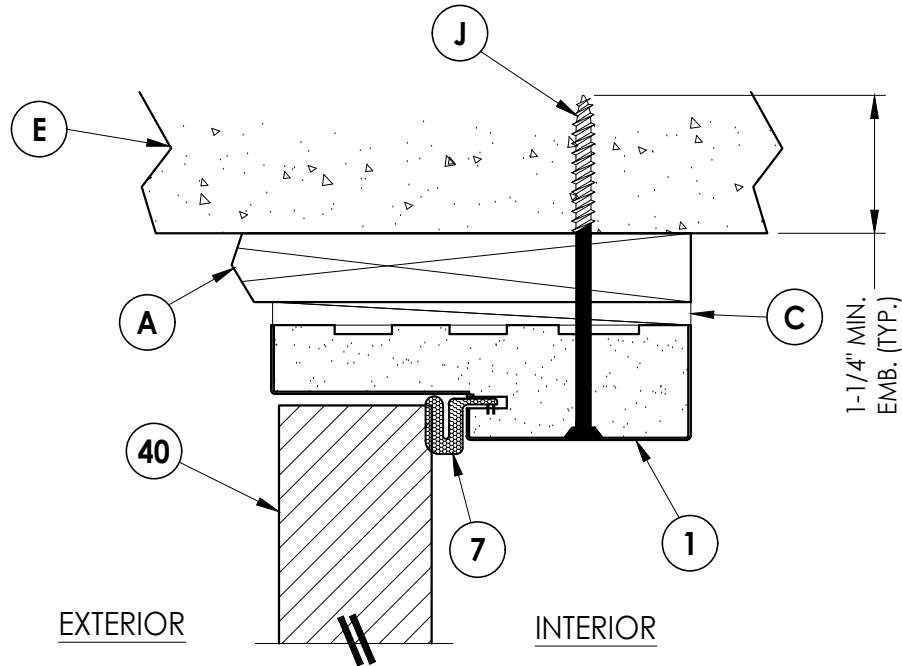


1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

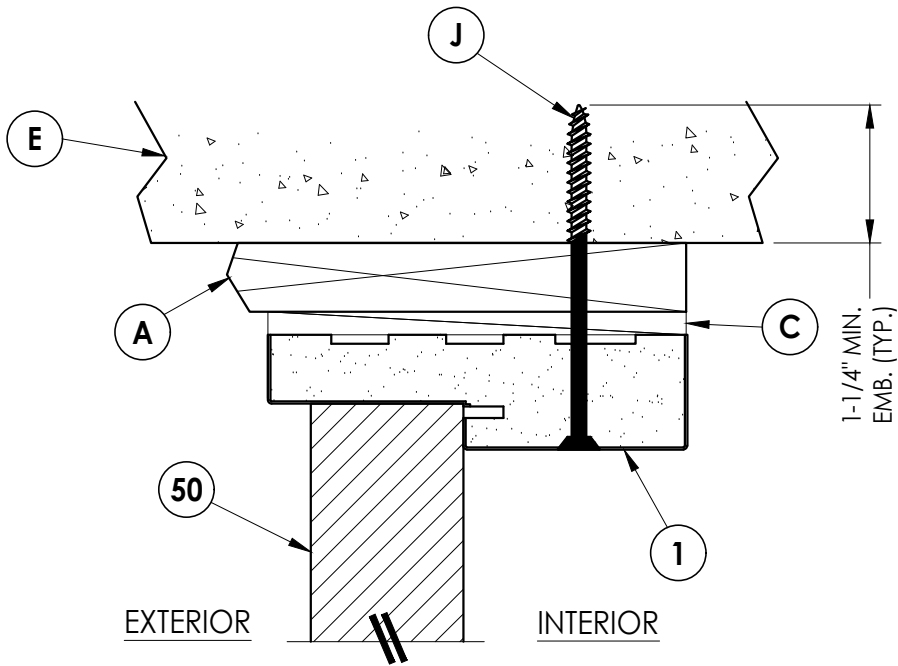


2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

Note:
1. Sidelite assembly screws located
6" from top and bottom then 5 more
equally spaced (7 total).



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)

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FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

		REVISIONS	
NO.	DATE	BY	
4	8/14/23	LFS	UPDATE TO 8TH ED. (2023) FBC
3	7/19/22	LFS	REVISE DOOR PANEL
2	7/23/20	FBC	UPDATE TO 7TH ED (2020) FBC
1	7/24/17	JK	UPDATE TO 6TH ED. (2017) FBC

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

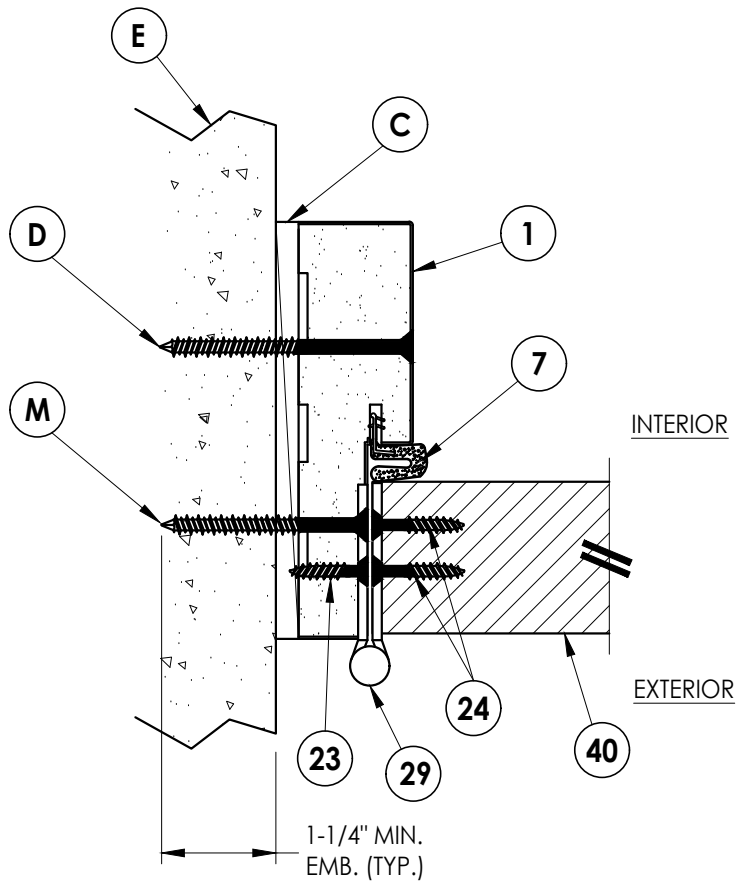
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DRAWING NO.:

FL-15209.7

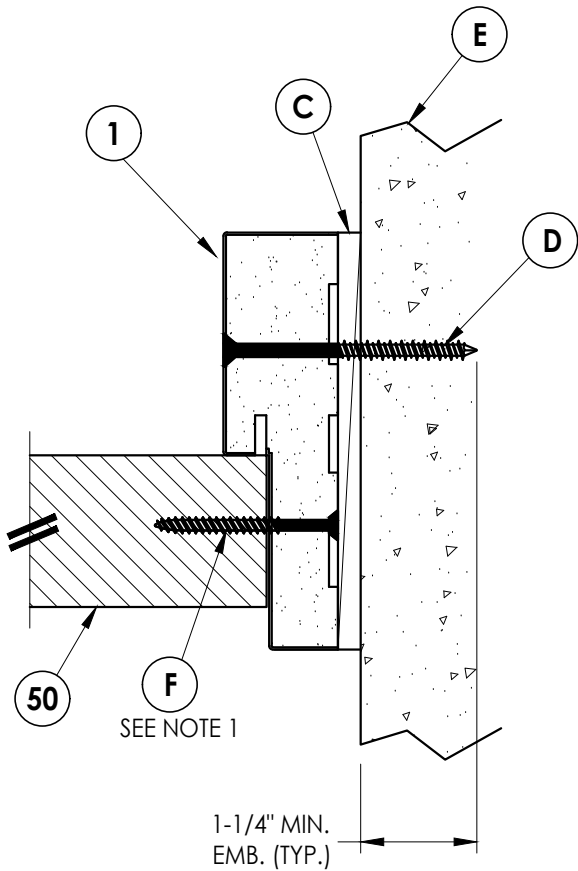
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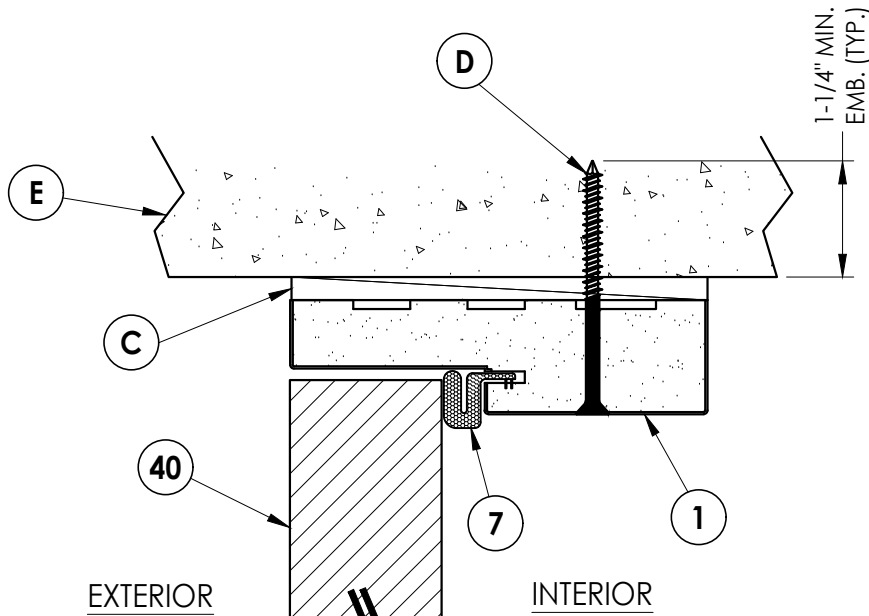


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7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

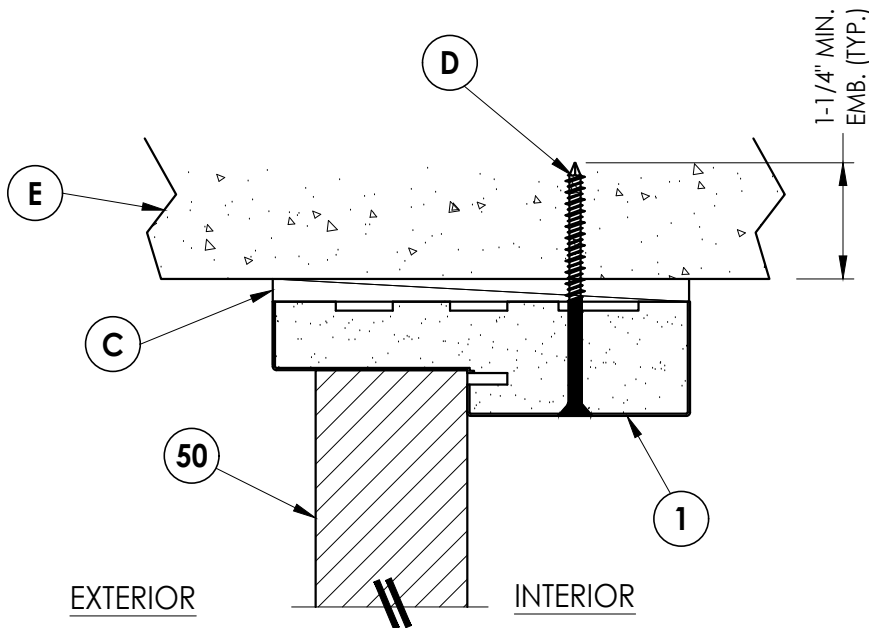
Note:
1. Sidelite assembly screws located
6" from top and bottom then 5 more
equally spaced (7 total).



2
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)

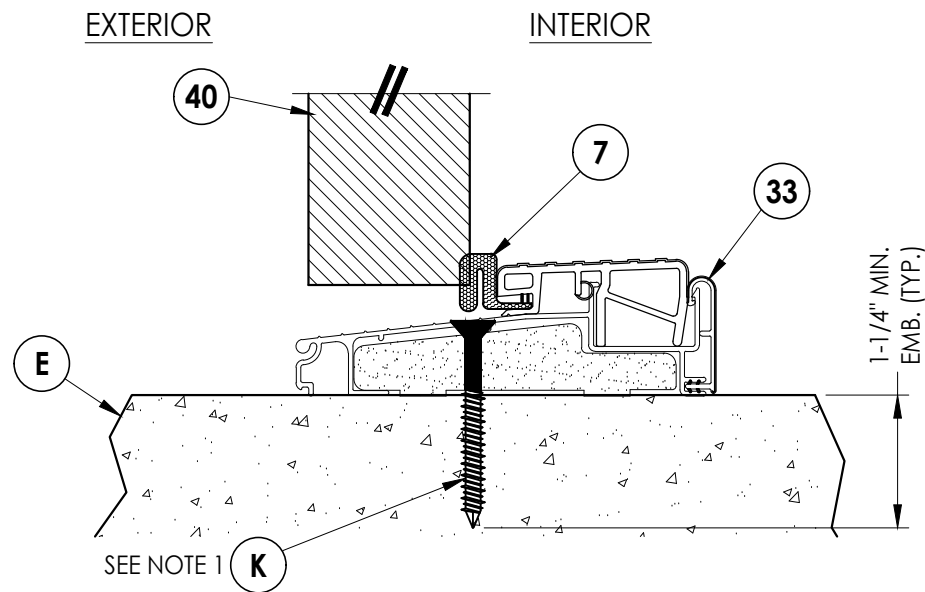
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P.E. No. 43409

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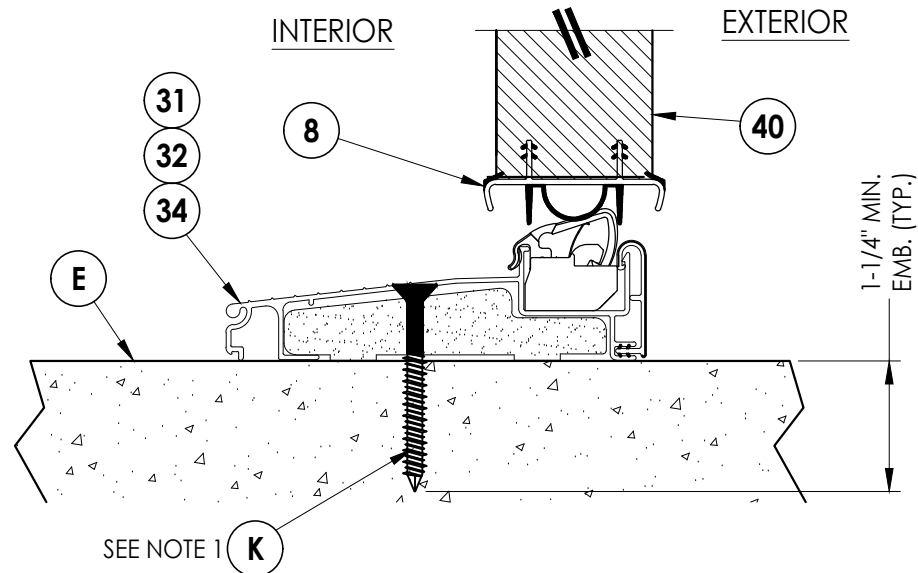
PRODUCT: **PLASTPRO INC.**
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	7/19/22	REVISE DOOR PANEL
2	7/23/20	UPDATE TO 7TH ED (2020) FBC
1	7/24/17	UPDATE TO 6TH ED. (2017) FBC

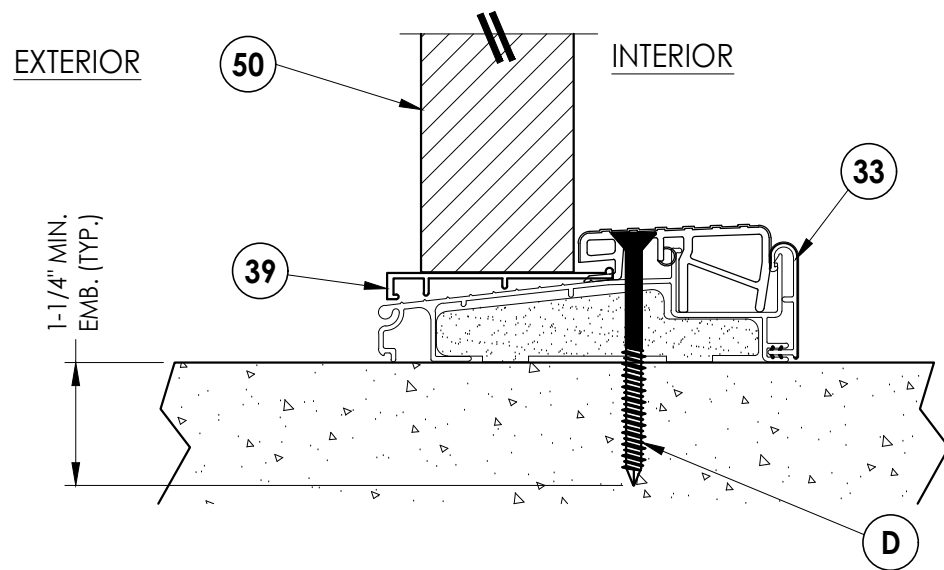
DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15209.7
SHEET 7 OF 12



1 **VERTICAL CROSS SECTION**
8 Outswing configuration



2 **VERTICAL CROSS SECTION**
8 Inswing configuration



3 8 **VERTICAL CROSS SECTION** Outswing configuration

4 VERTICAL CROSS SECTION

NOTE
1. Not required for single without sidelites.

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/19/22	REVISE DOOR PANEL		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

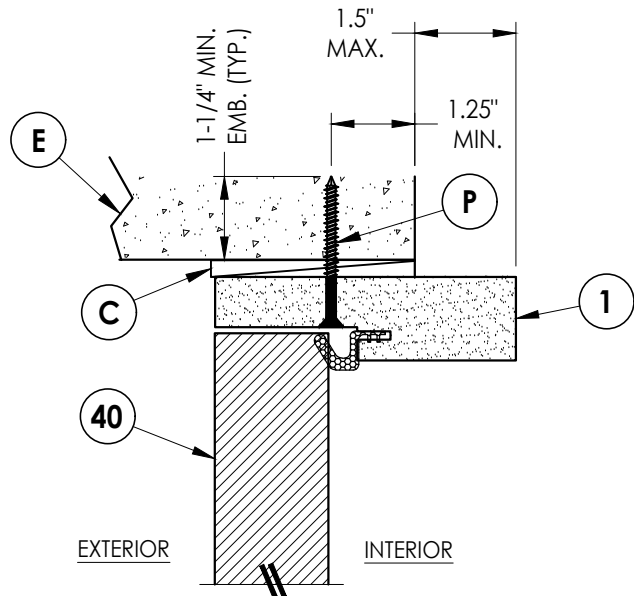
DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.7
SHEET 8 OF 12

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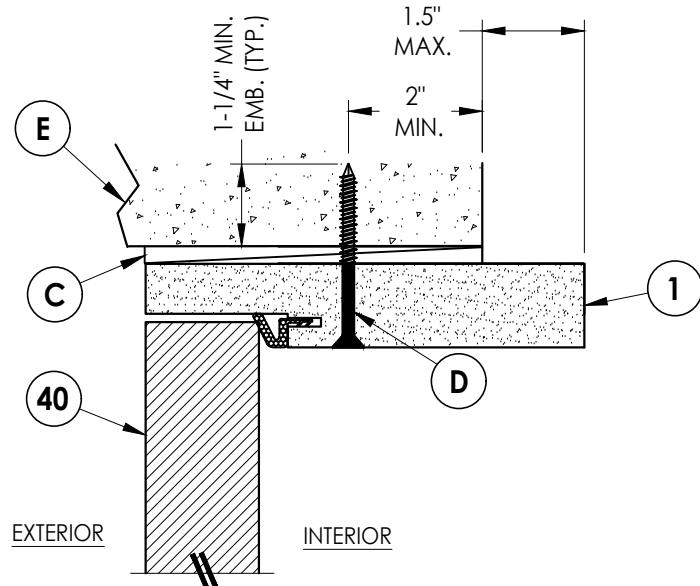
RW BUILDING CO.
P.O. Box 23
Phone No.:
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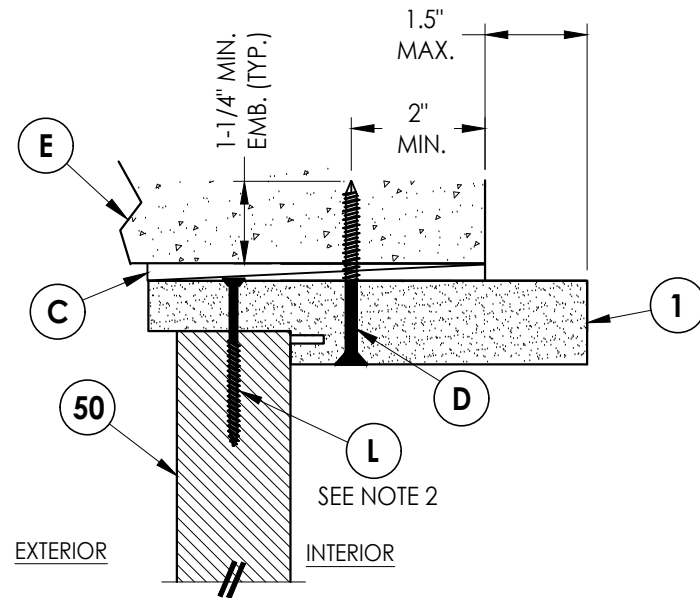
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5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)



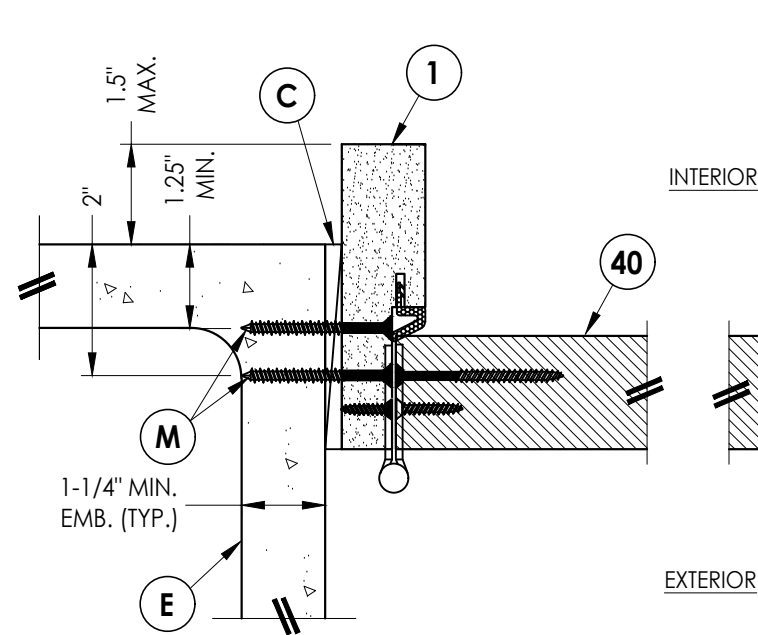
6
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



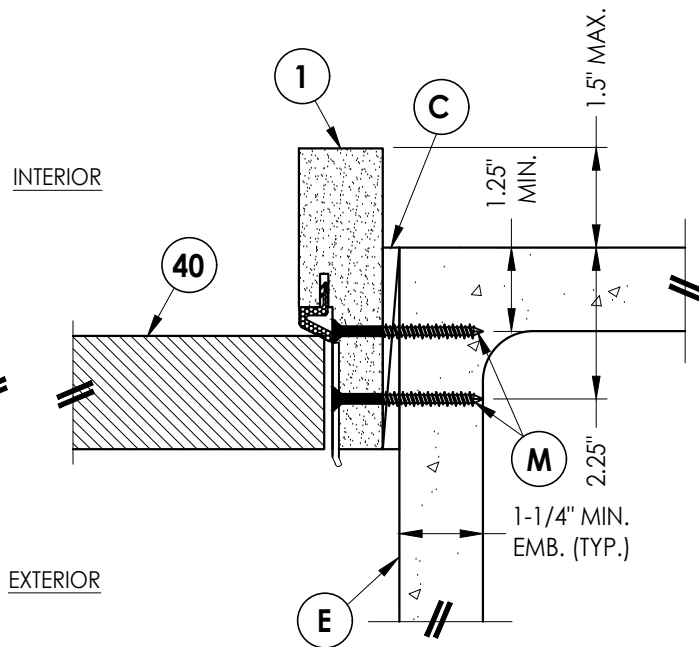
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9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

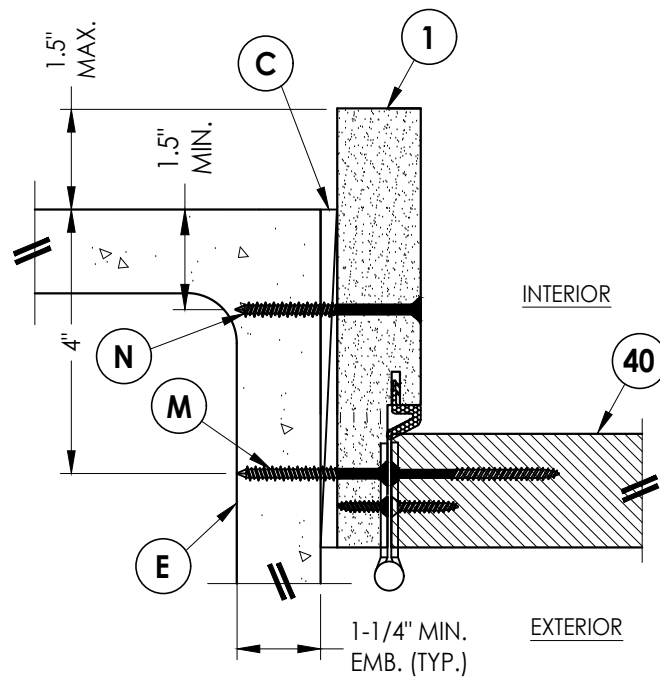
1. Spacing for item L: 6" from ends and 5 more equally spaced along sidelite (7 total).
2. Spacing for item L: 3" from each end.



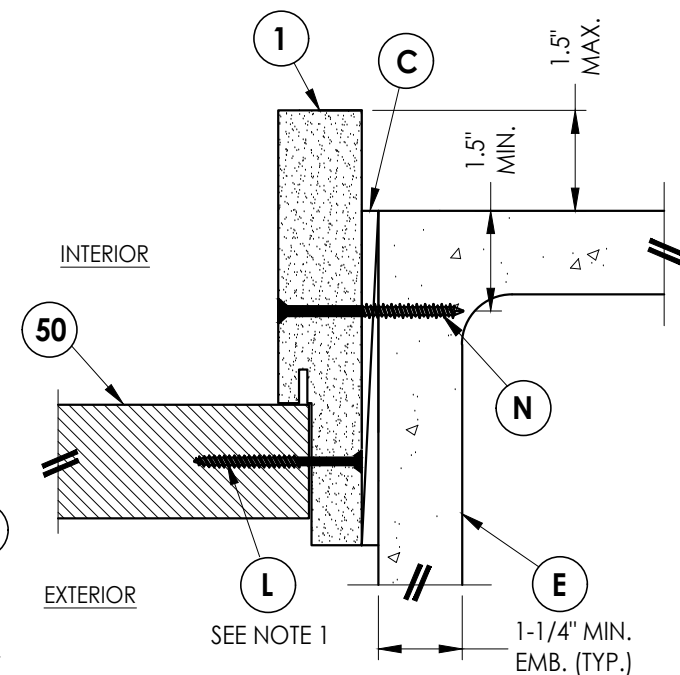
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9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)



2
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)



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



4
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

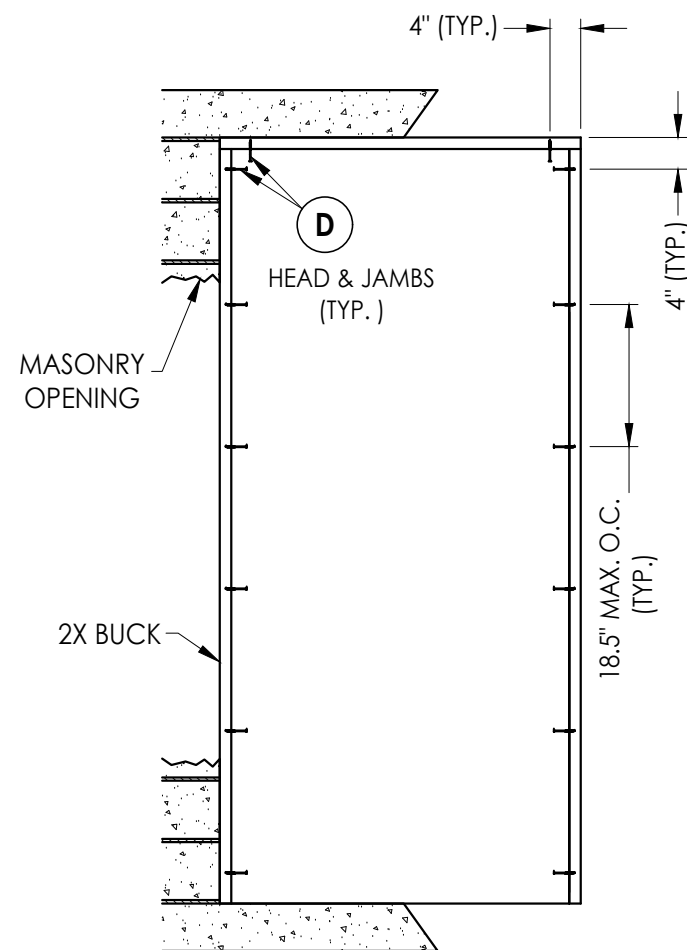
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Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

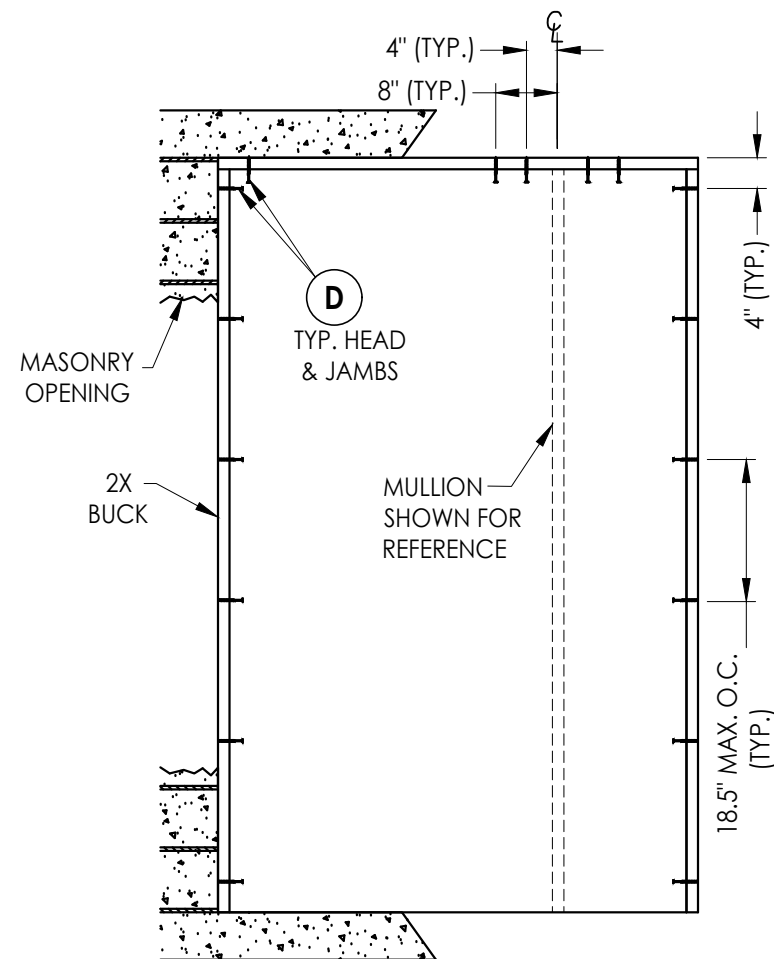
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PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

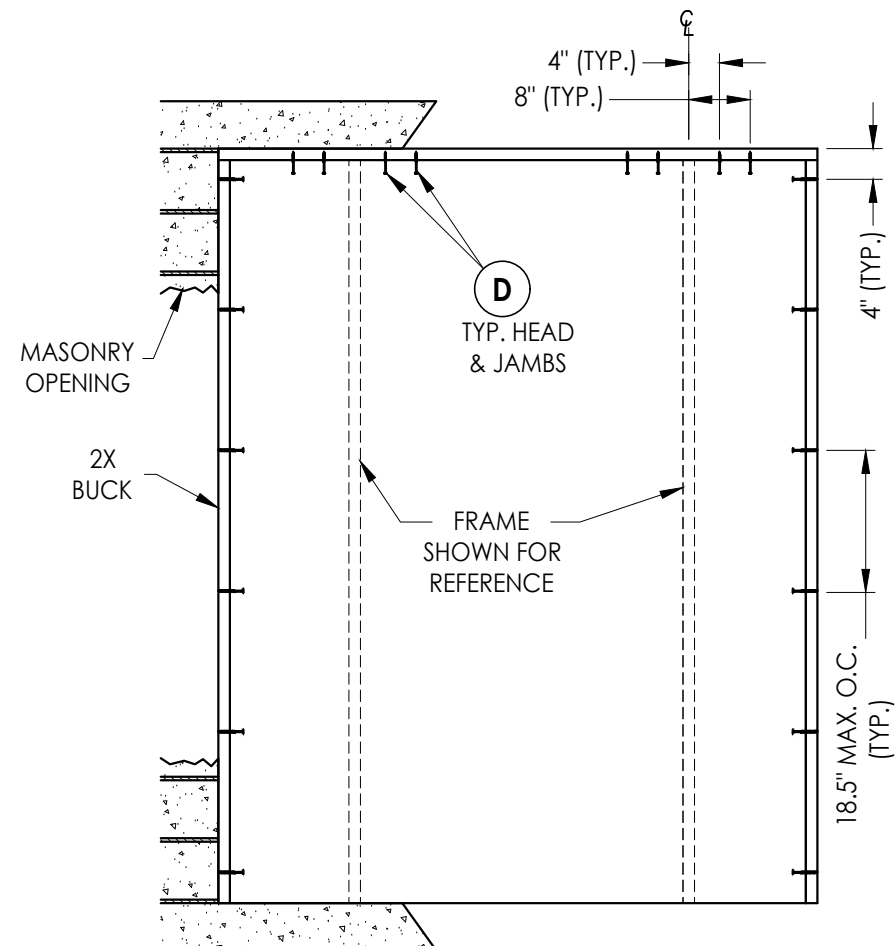
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NO.	DATE	BY	JK	LFS	
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3	7/19/22	REVISE DOOR PANEL	LFS		
2	7/23/20	UPDATE TO 7TH ED (2020) FBC	LFS		
1	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK		
DATE: 04/14/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15209.7					
SHEET 9 OF 12					



X



XO/OX



OXO

2X BUCK ANCHORING

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"

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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2	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS
1	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			
REVISIONS				

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:

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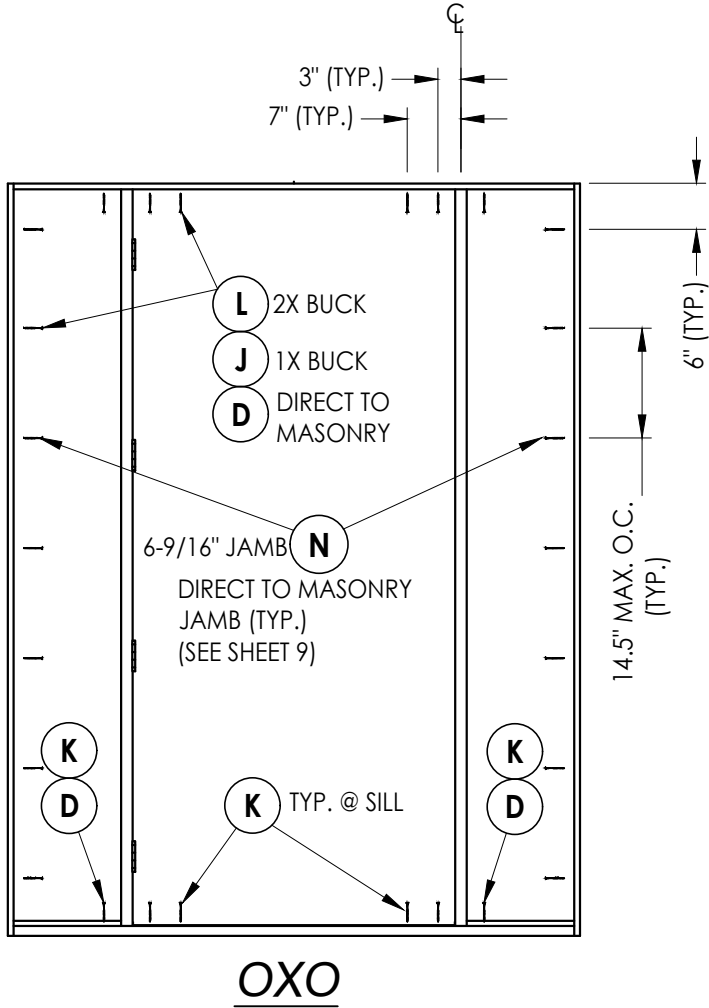
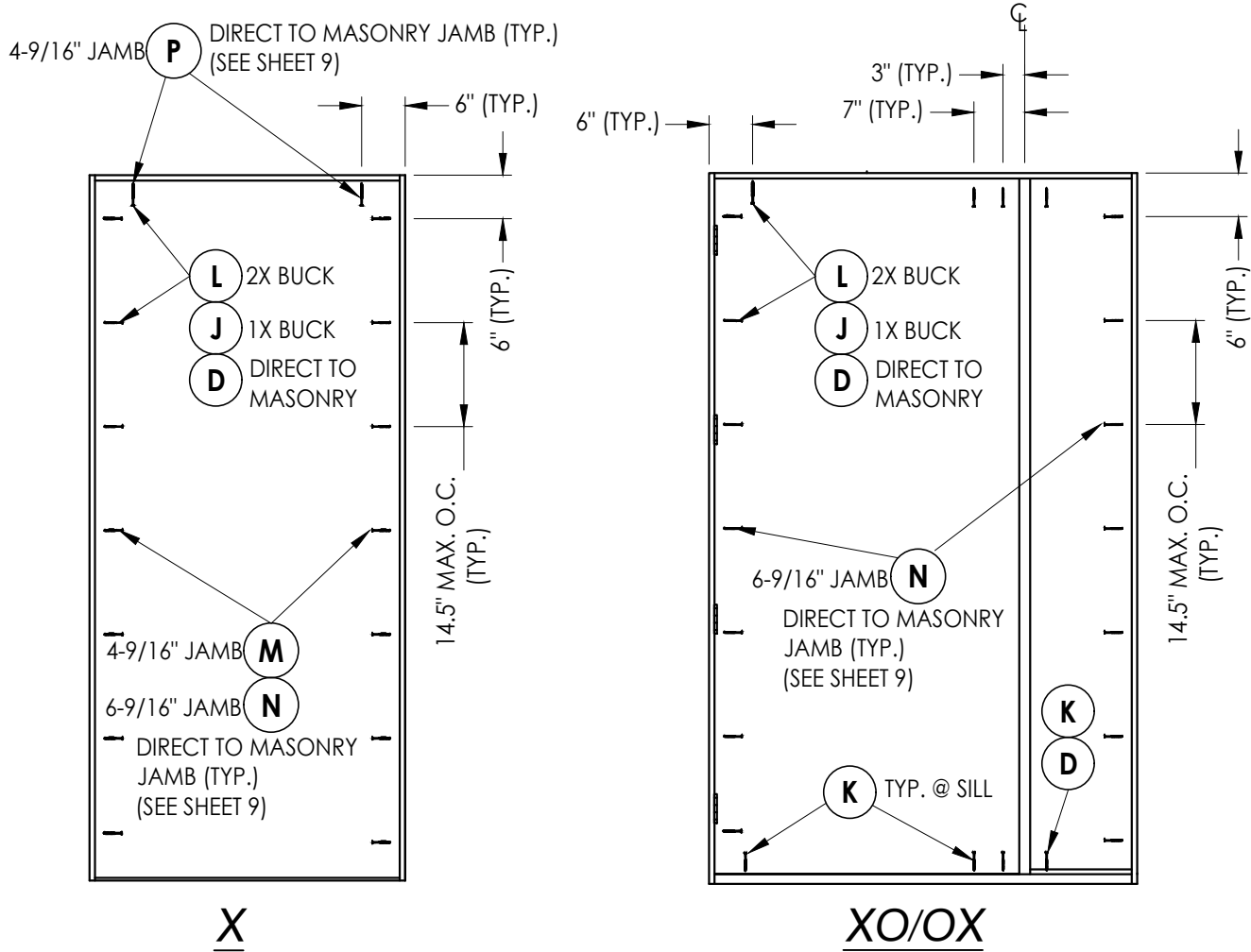
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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FBPE Registry No. 9813

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FRAME ANCHORING

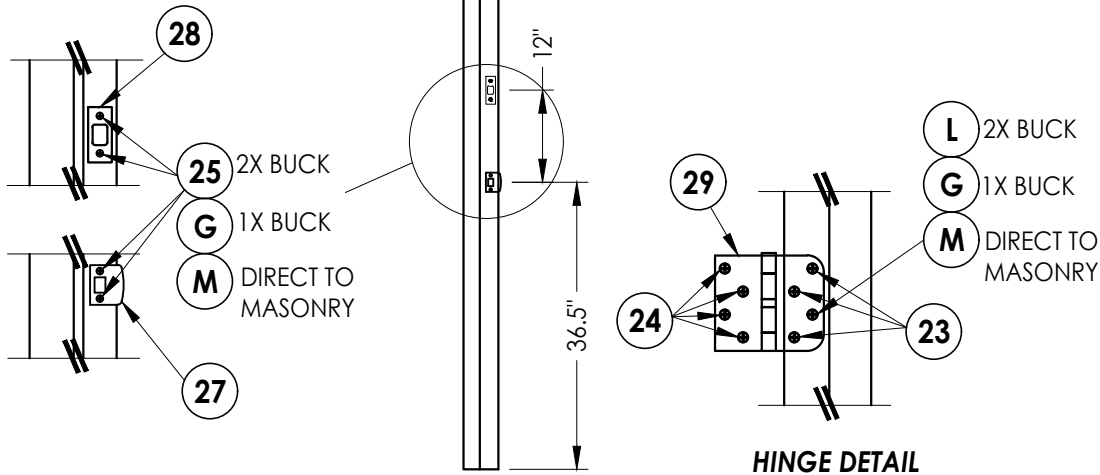
CONCRETE ANCHOR NOTES:

- 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:

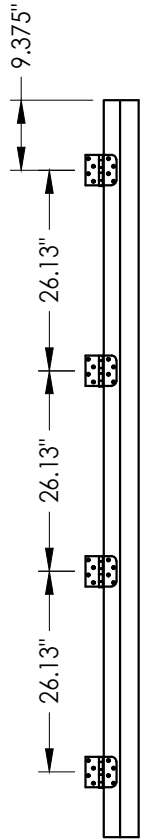
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRAACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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 AND DEADBOLT STRIKE PLATE DETAILS



HINGE JAMB

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/19/22	REVISE DOOR PANEL	LFS
2	7/23/20	UPDATE TO 7TH ED (2020)	FBC
1	7/24/17	UPDATE TO 6TH ED. (2017)	JK
DATE: 04/14/16		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15209.7		SHEET 11 OF 12	

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
3	MULLION (PINE)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" BUTT HINGE	STEEL
31	INSWING THRESHOLD	ALUM / WOOD
32	INSWING THRESHOLD	ALUM / COMP
33	OUTSWING THRESHOLD	ALUM / COMP
34	INSWING THRESHOLD	VINYL
35	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM / COMP
36	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM / COMP
38	SIDELITE ADAPTER	VINYL
39	SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-



	4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	3	7/19/22	REVISE DOOR PANEL		LFS
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	NO.	DATE			BY

SHEET 12 OF 12

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RW

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

REVISIONS