

Smooth / Wood Grain / Mahogany / Rustic

Series Fiberglass Door

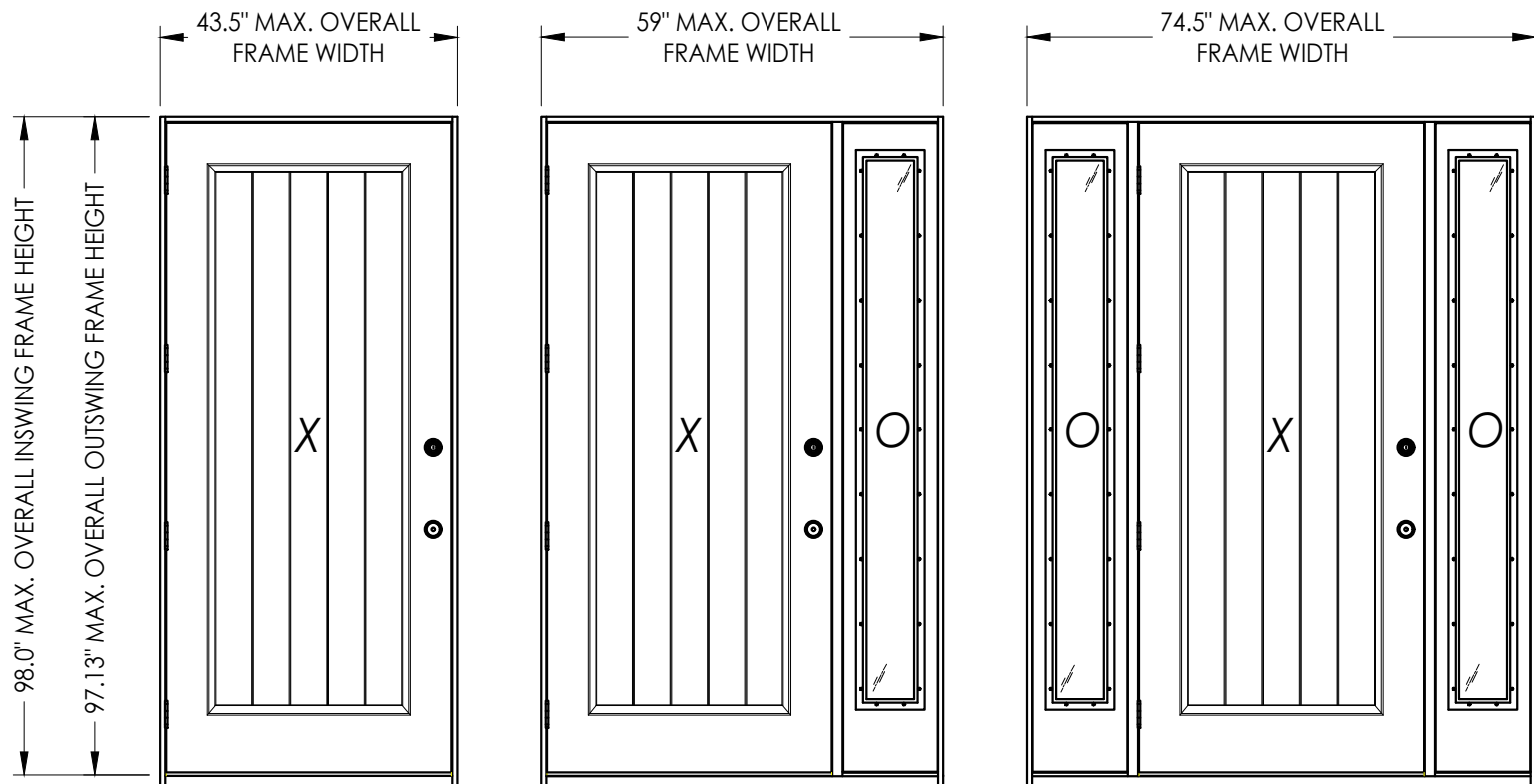
INSWING / OUTSWING

"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.

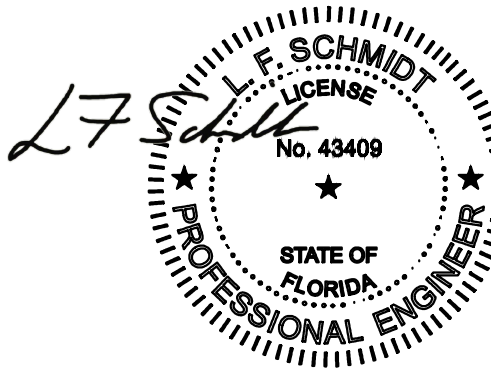
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3	Sidelite Panel Details and Glazing Detail
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
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: 2026.07.28

13:28:06 -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

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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

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

DATE: 04/14/16

SCALE: N.T.S.

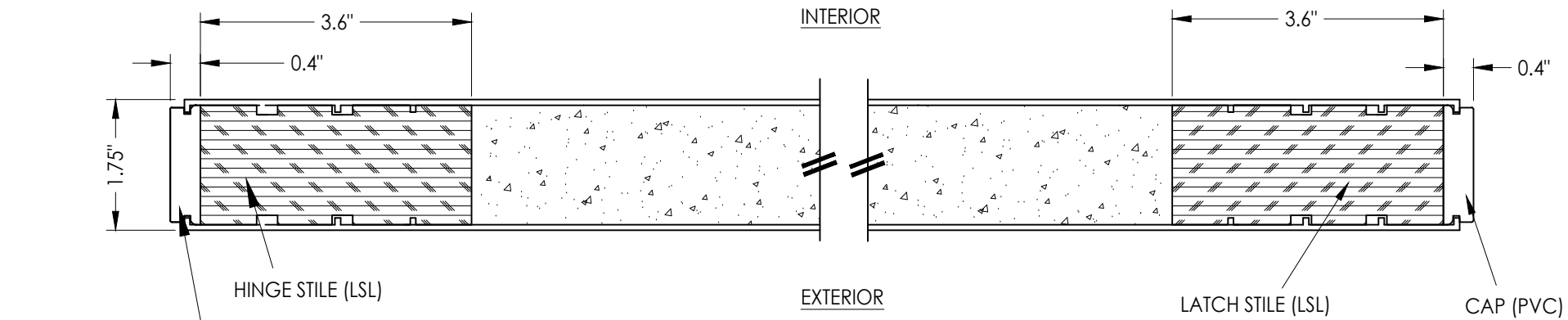
DWG. BY: JK

CHK. BY: LFS

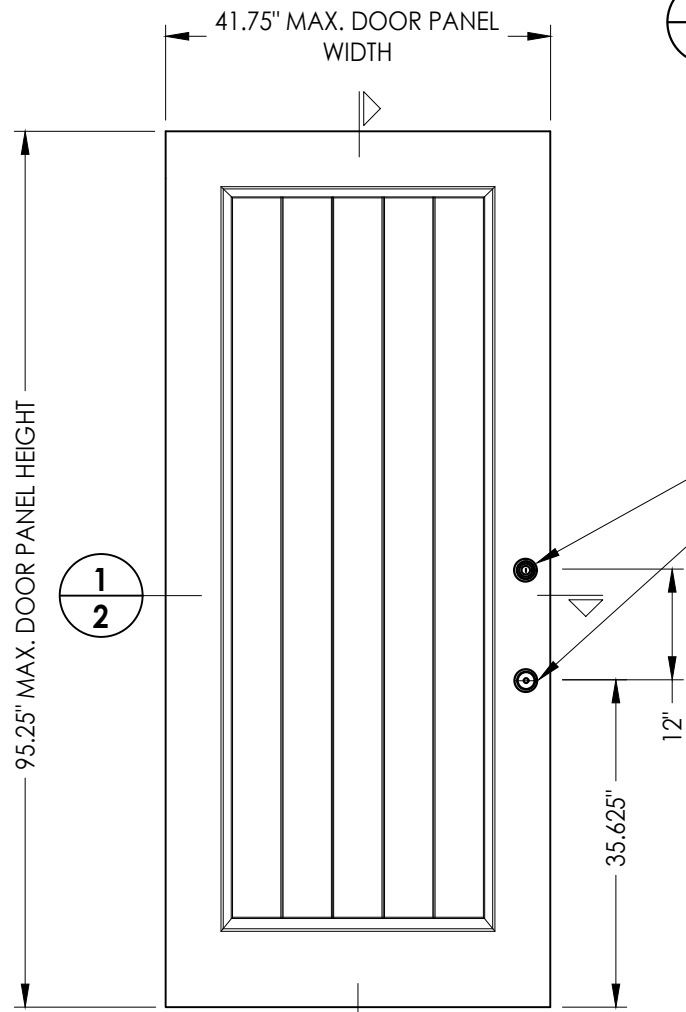
DRAWING NO.: FL-15209.6

SHEET 1 OF 12

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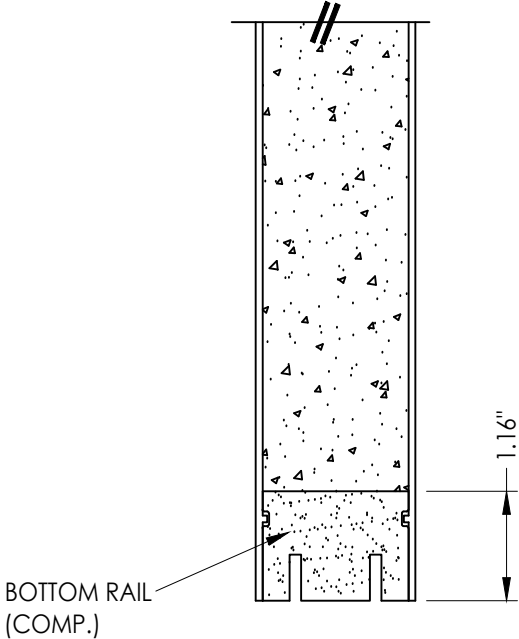
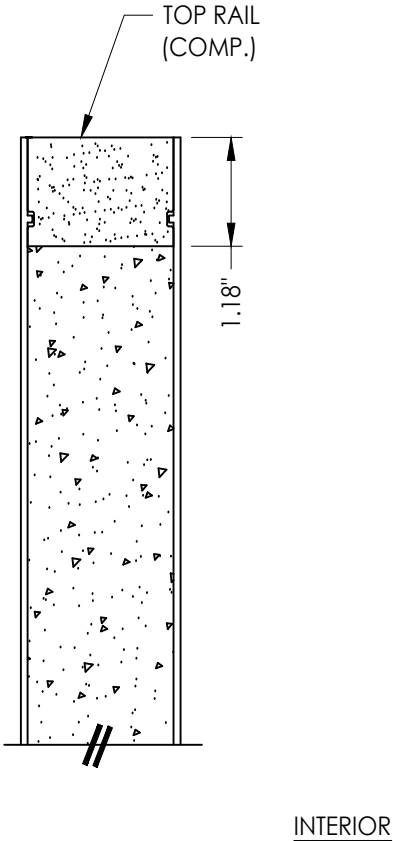


1
2 **HORIZONTAL CROSS SECTION**



2
2 **DOOR PANEL**
Plastpro
Fiberglass

HARDWARE TABLE			MAX. DESIGN PRESSURE (PSF)
MANUFACTURER	MODEL		
KWIKSET	ENTRY:	SERIES (400)	+40/-50
	DEADBOLT:	SERIES (660)	
SCHLAGE	LOCK:	F-SERIES	+35/-50
	DEADBOLT:	B-SERIES	
YALE	ENTRY:	100 C	+40/-40
	DEADBOLT:	820	



2
2 **VERTICAL CROSS SECTION**

FIBERGLASS DOOR SKIN: MIN. 0.095" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

REVISIONS		
NO.	DATE	BY
5	7/01/26	LFS
4	8/14/23	LFS
3	8/16/22	LFS
2	8/16/22	LFS
1	8/16/22	LFS

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

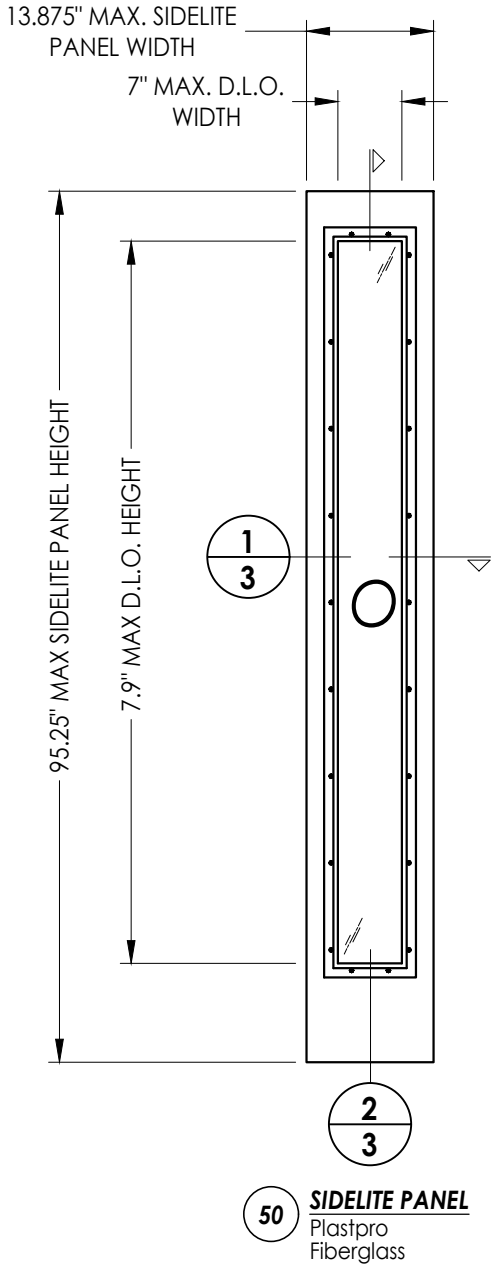
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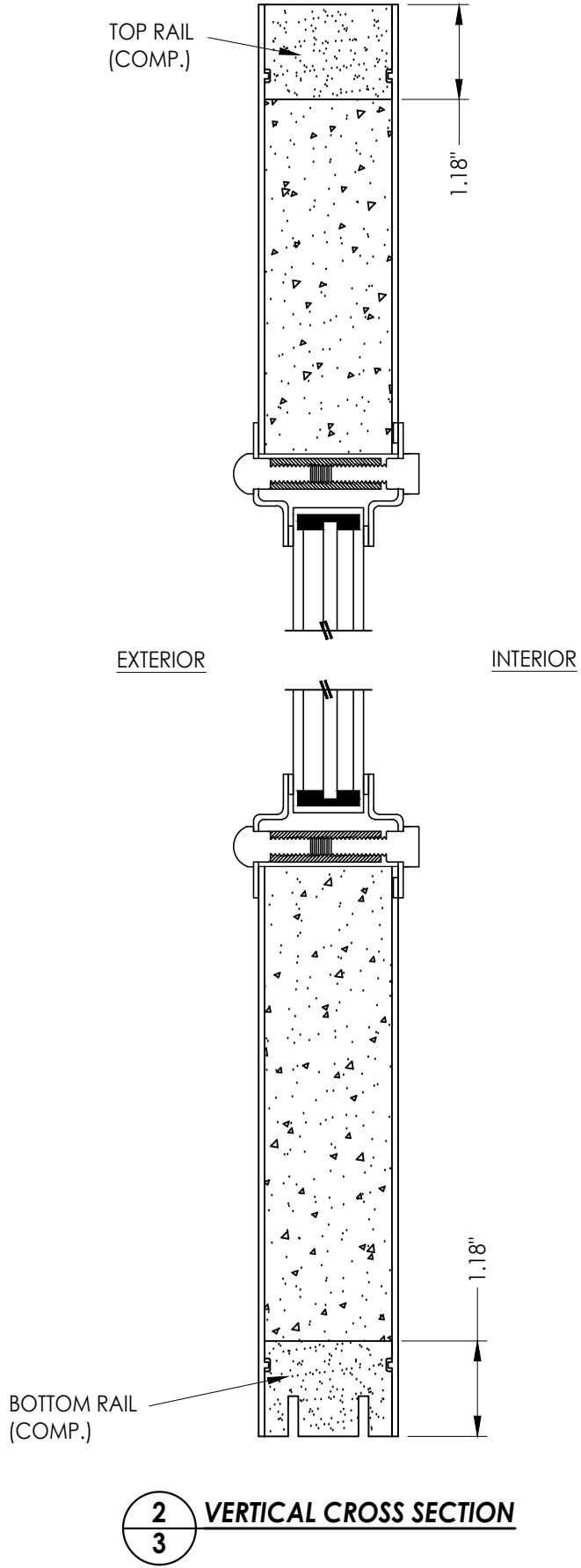
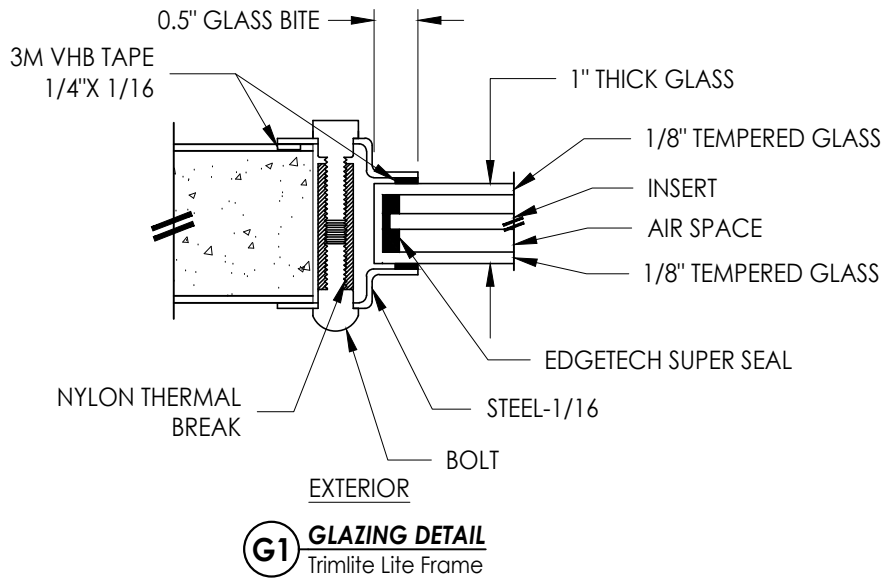
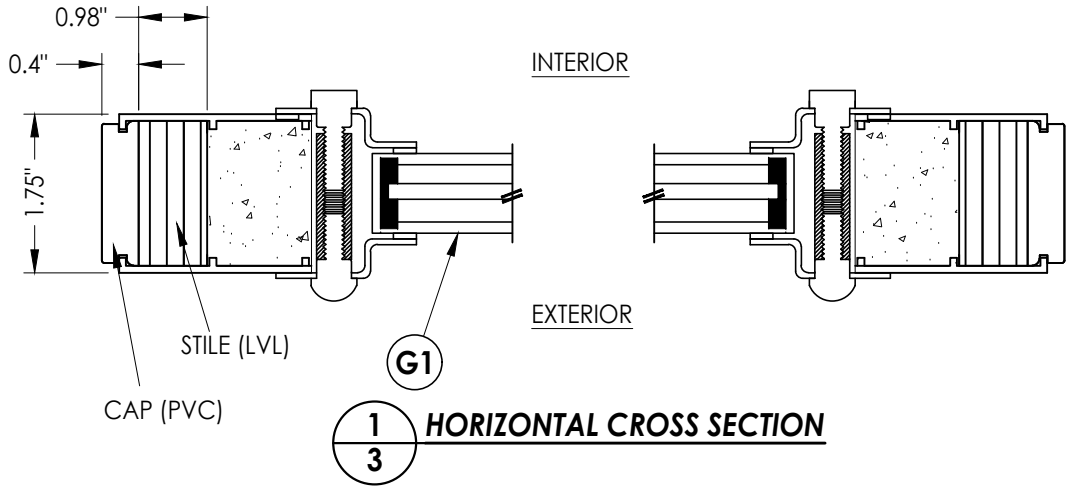
FL-15209.6

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

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

DATE: 04/14/16

SCALE: N.T.S.

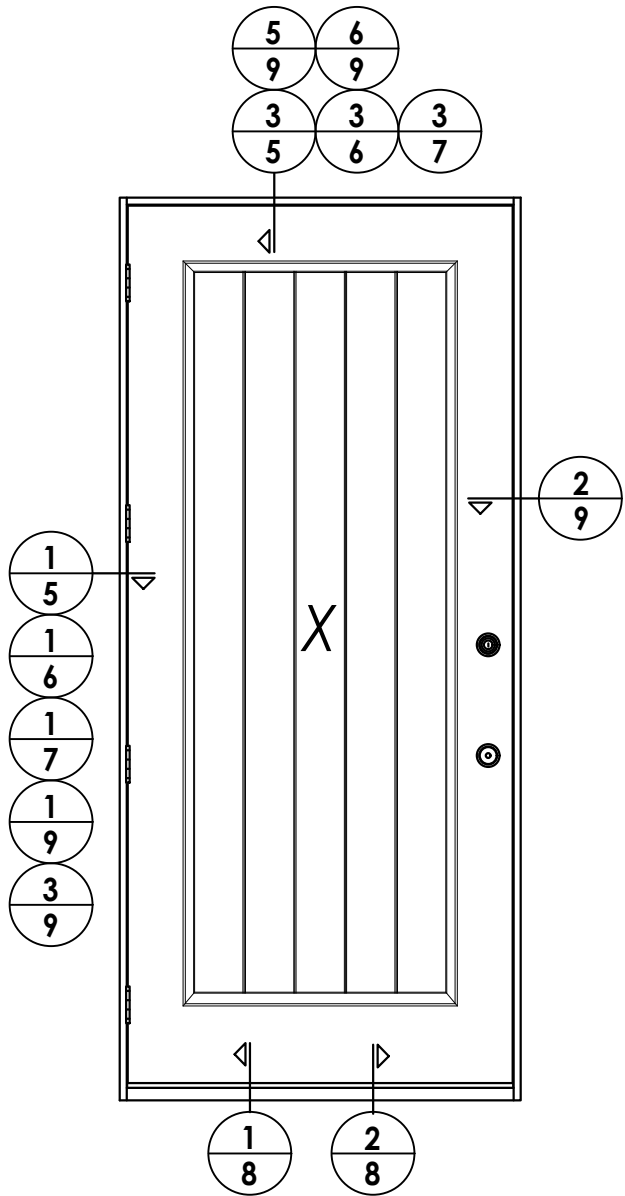
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CHK. BY: LFS

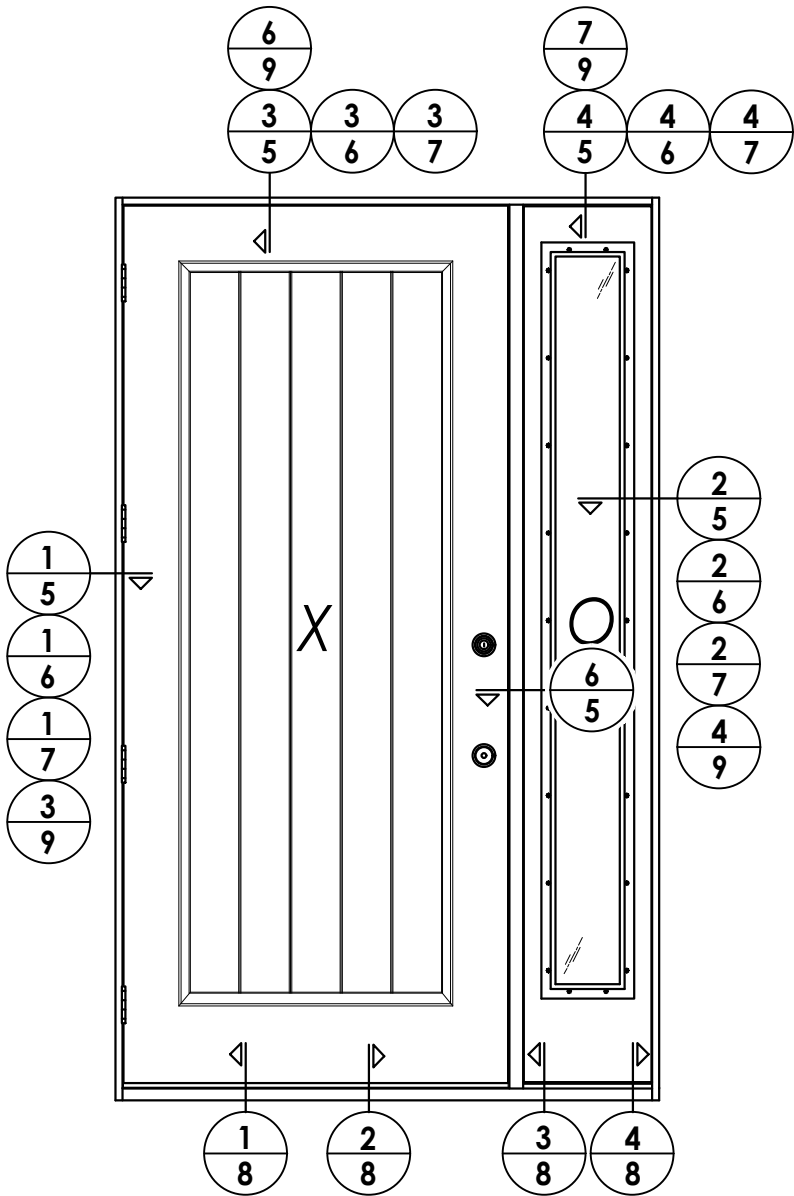
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FL-15209.6

SHEET 3 OF 12

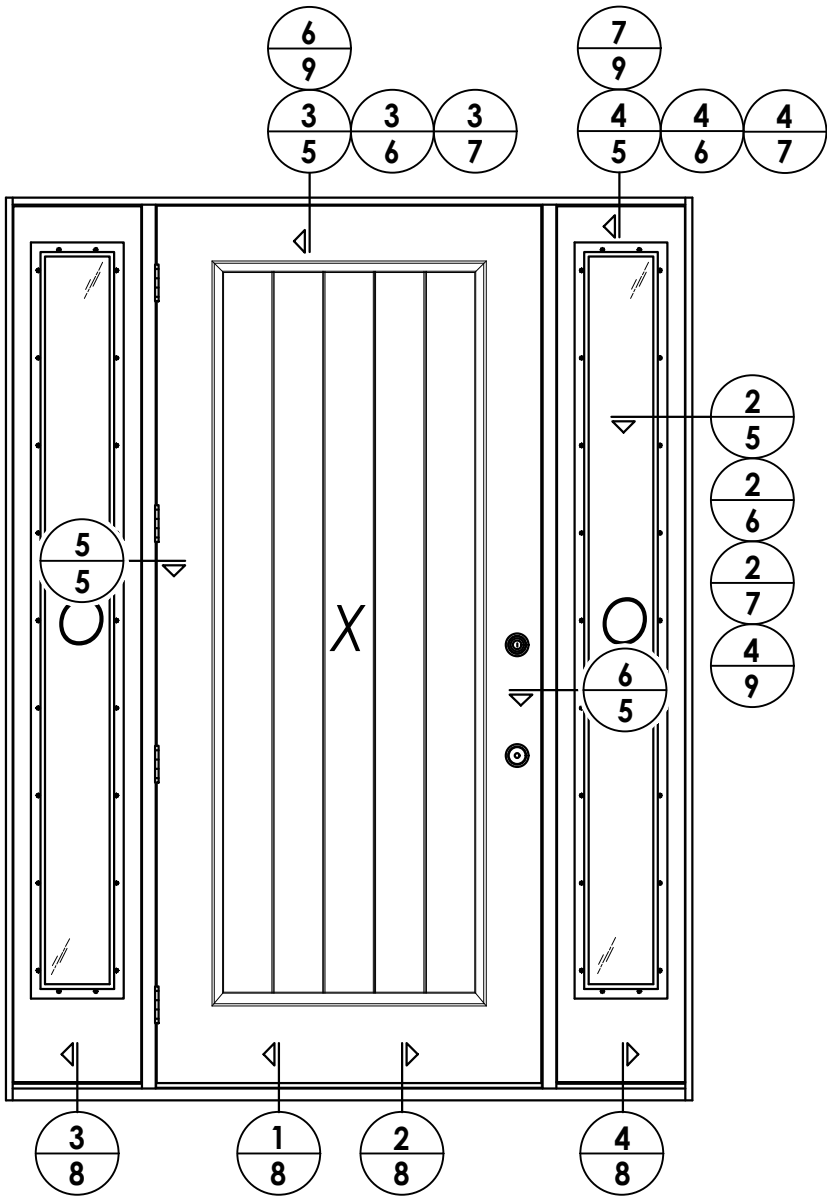
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ELEVATION (X)



ELEVATION (XO)



ELEVATION (OXO)

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

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15209.6

SHEET 4 OF 12

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

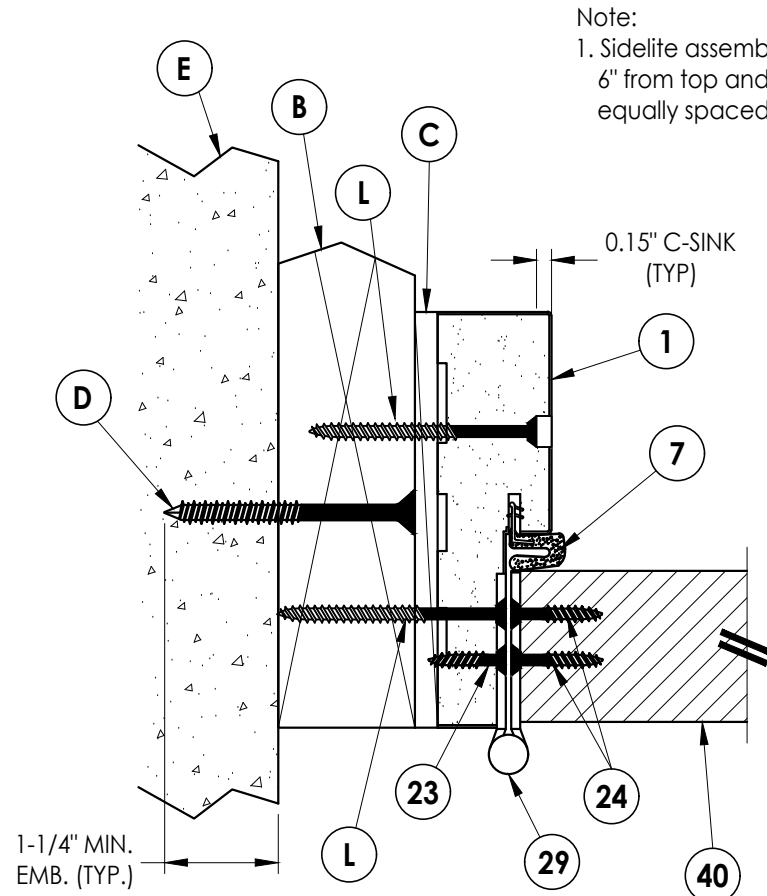
PART OR ASSEMBLY:
ELEVATIONS

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P.E. No. 43409

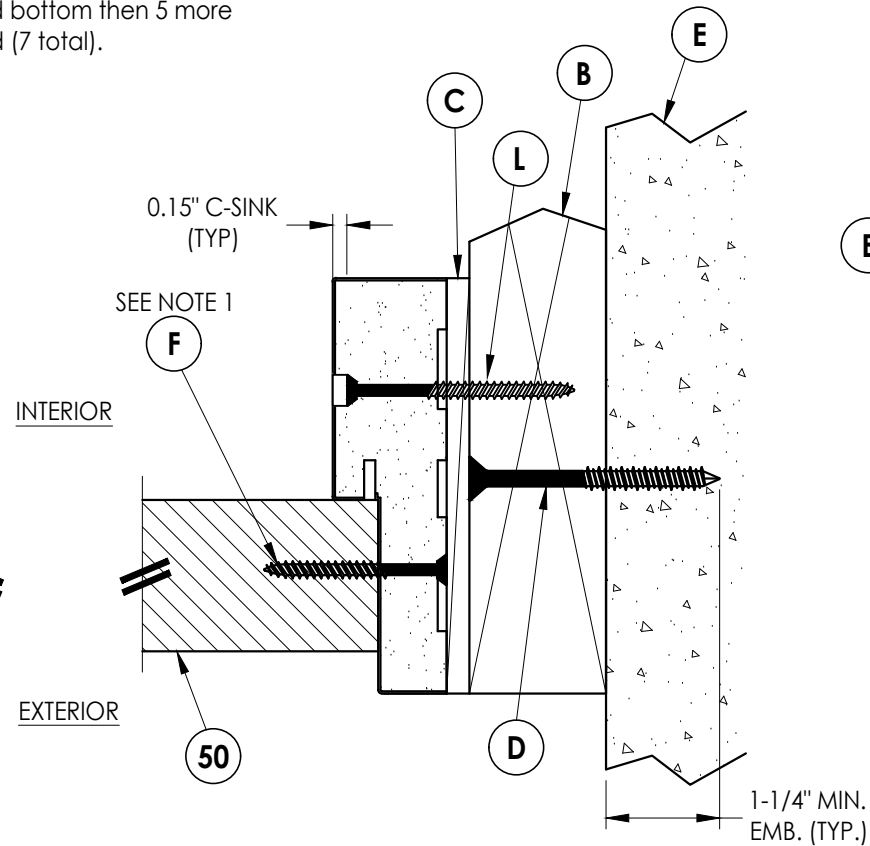
RW BUILDING CONSULTANTS, INC.

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

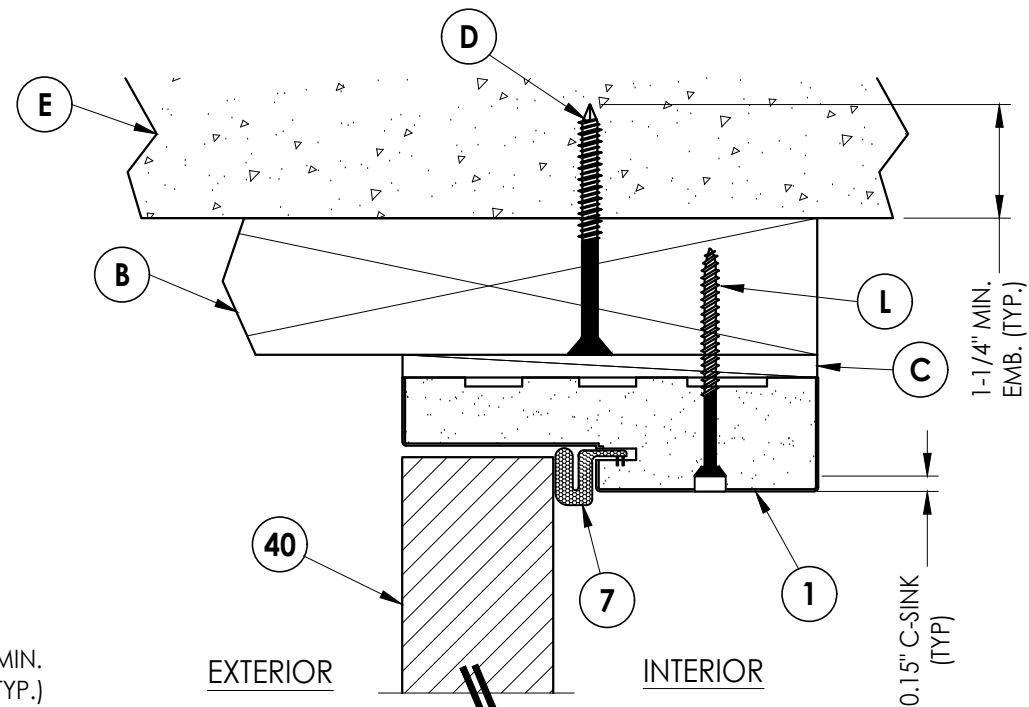
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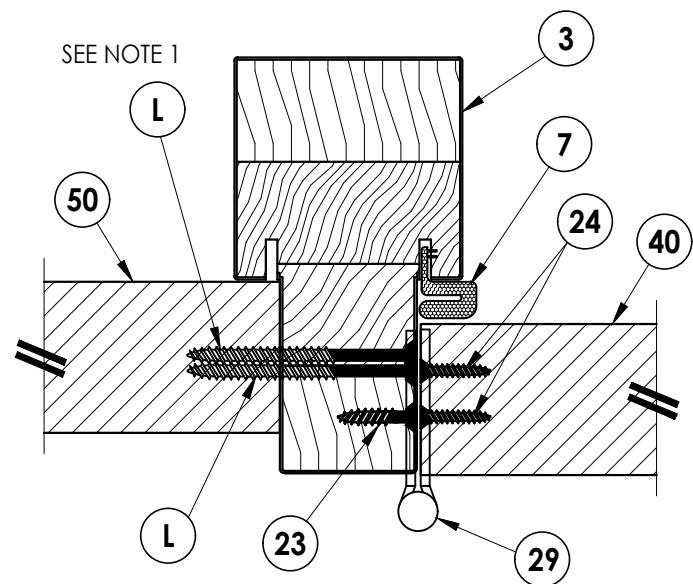
1 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



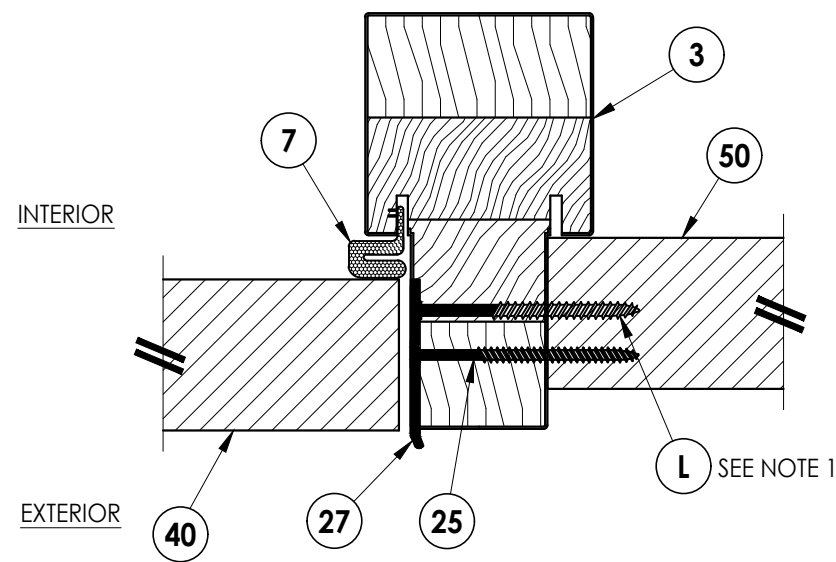
2 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



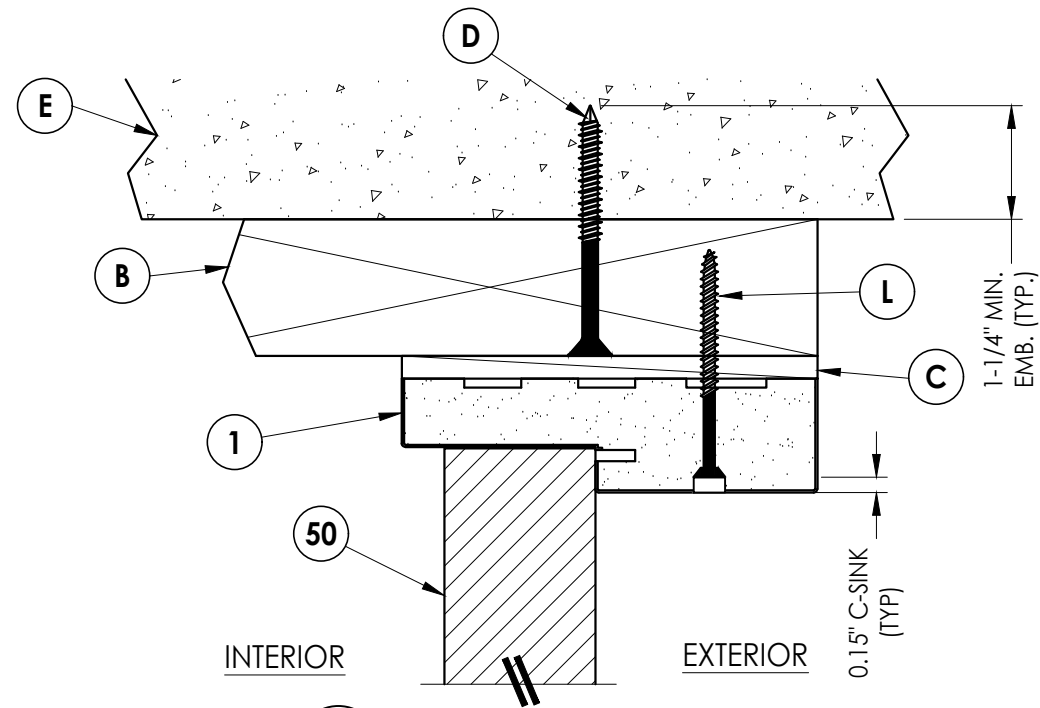
3 **VERTICAL CROSS SECTION**
5 Outswing shown (Inswing similar)



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



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



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

Documents Prepared By:
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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

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

DATE:	04/14/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15209.6
SHEET	5 OF 12

1

50

F

SEE NOTE 1

1

A

1-1/4" MIN.
EMB. (TYP.)

C

E

J

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

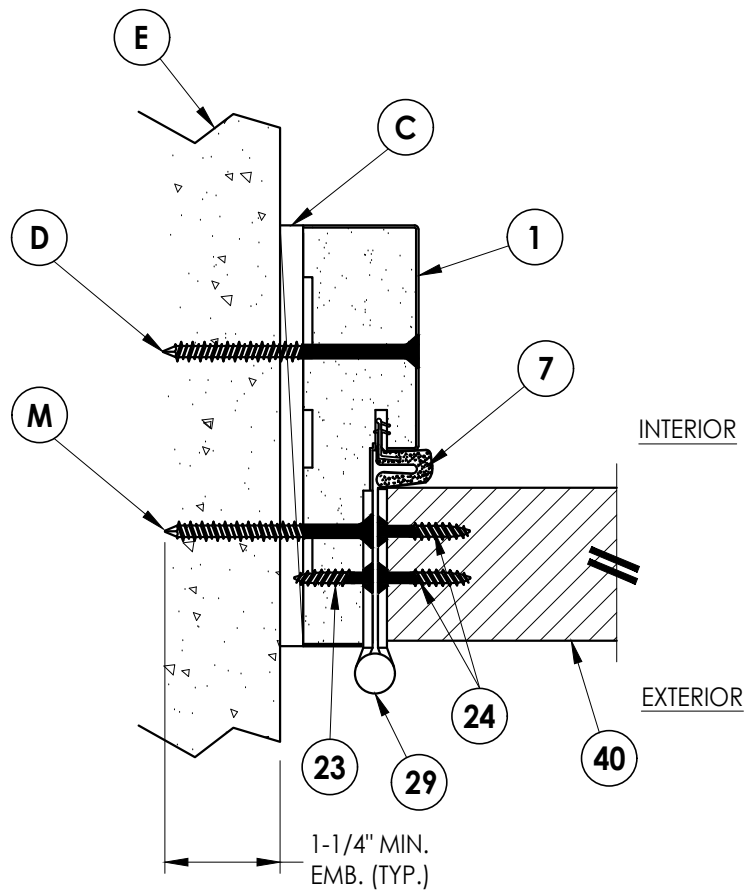
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

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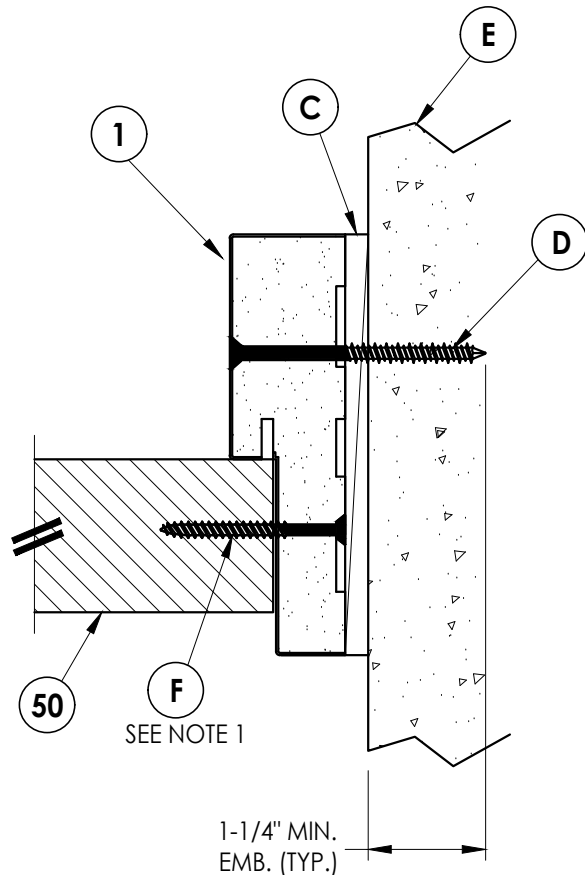
SHEET 6 OF 12

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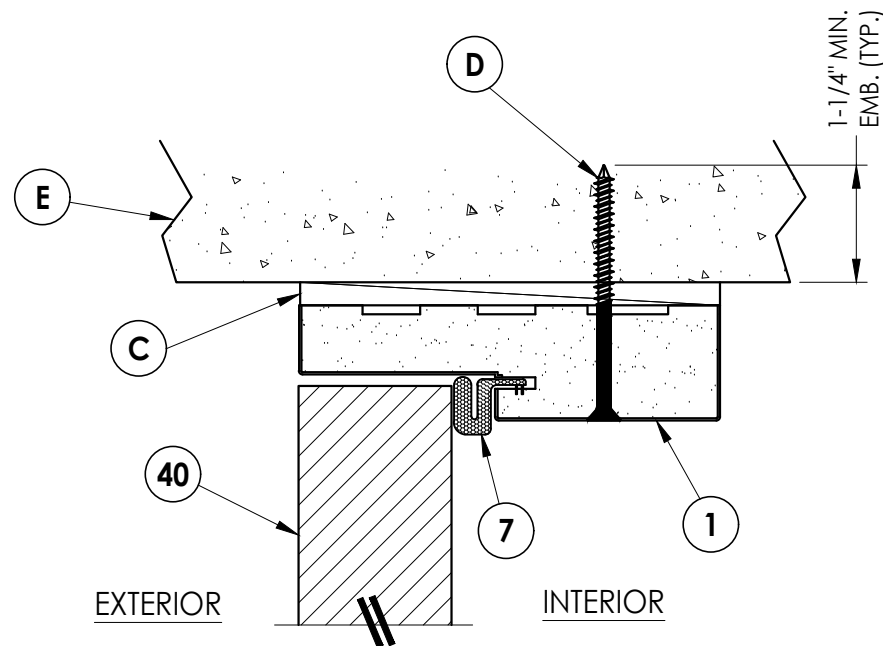


1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

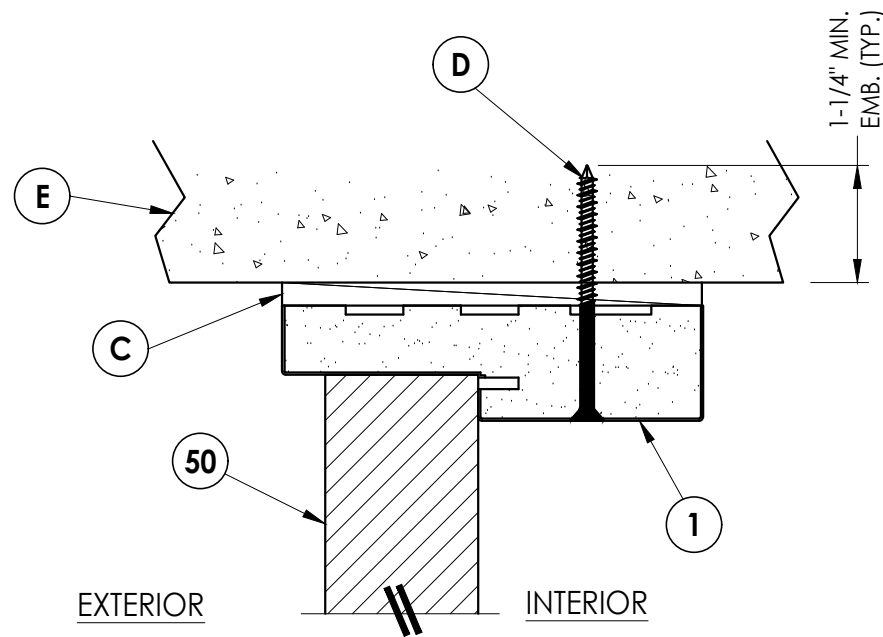
Note:
1. Sidelite assembly screws located
6\"/>



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)

Documents Prepared By:
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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

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

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

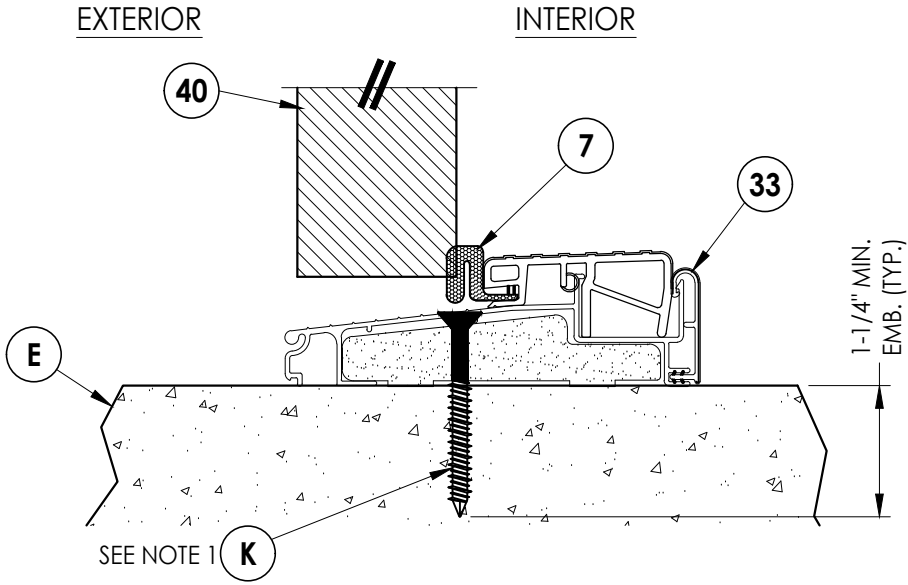
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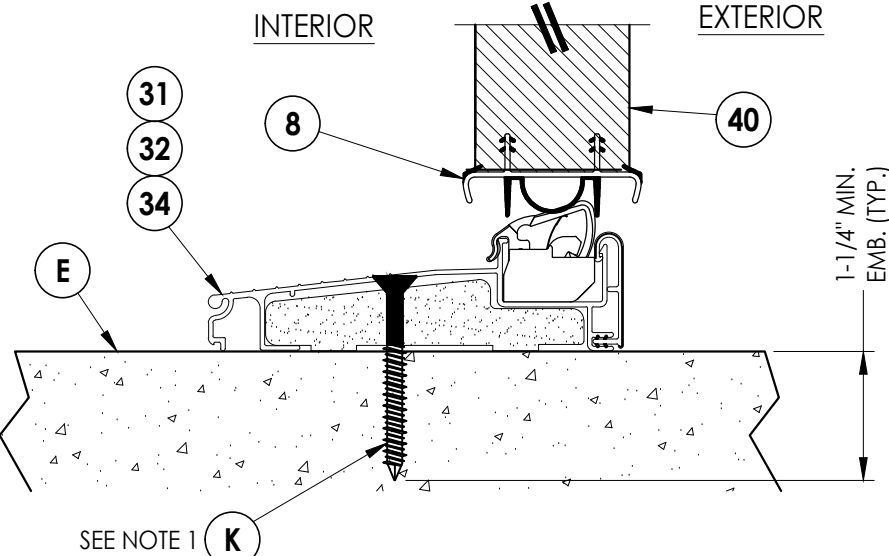
FL-15209.6

SHEET 7 OF 12

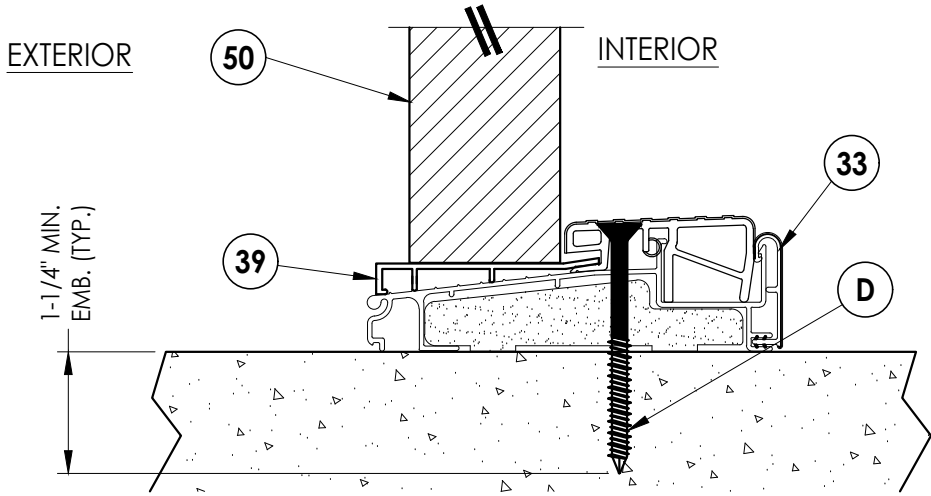
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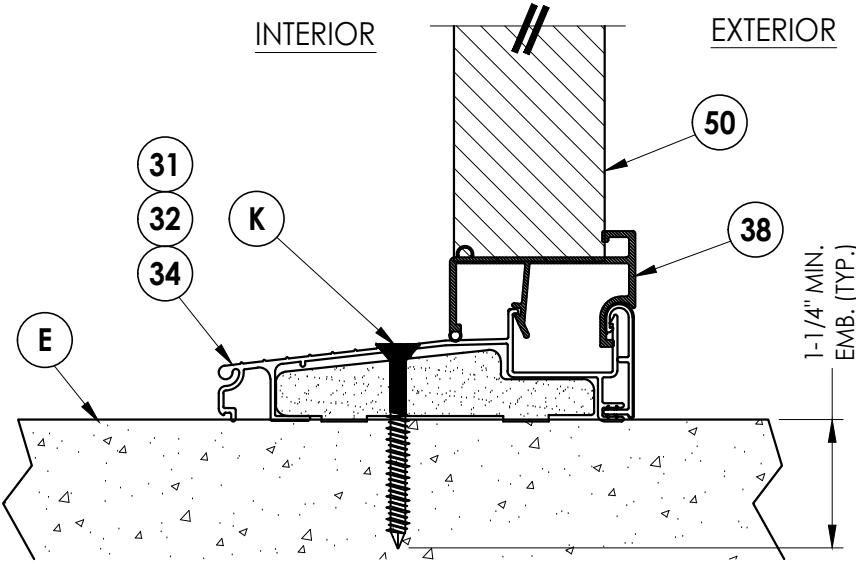
1
8 **VERTICAL CROSS SECTION**
Outswing configuration



2
8 **VERTICAL CROSS SECTION**
Inswing configuration



3
8 **VERTICAL CROSS SECTION**
Outswing configuration

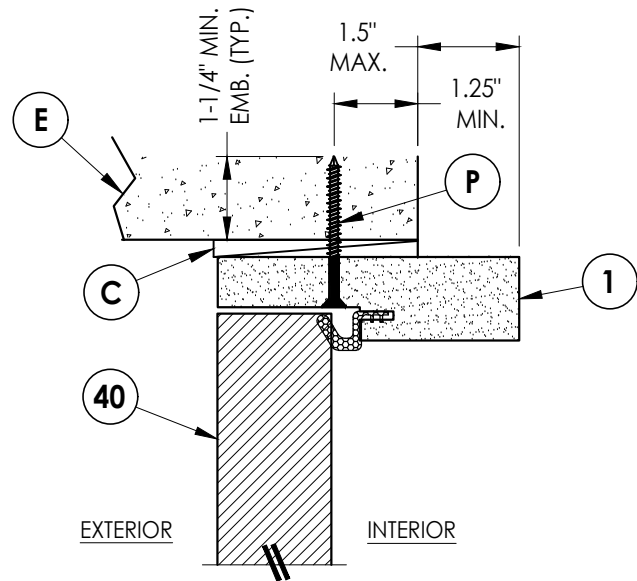


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8 **VERTICAL CROSS SECTION**
Inswing configuration

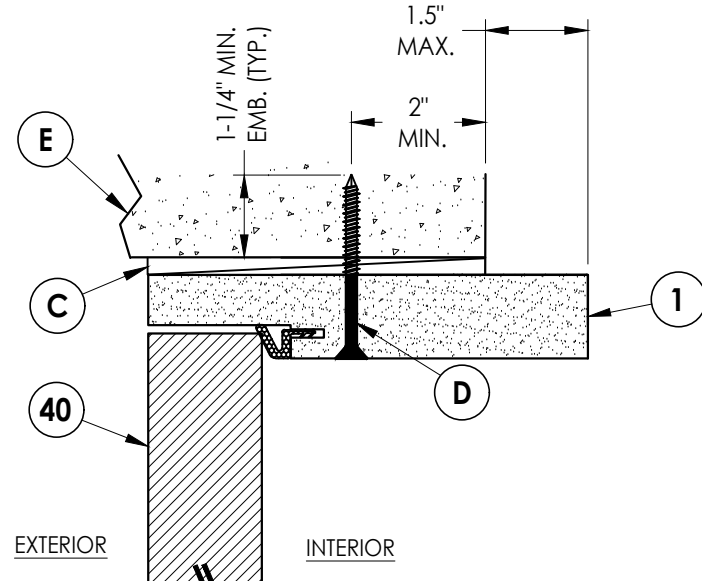
NOTE
1. Not required for single without sidelites.

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	BY
		LFS	
		LFS	
		NO.	DATE
		REVISIONS	
		DATE: 04/14/16	
		SCALE: N.T.S.	
		DWG. BY: JK	
		CHK. BY: LFS	
		DRAWING NO.: FL-15209.6	
		SHEET 8 OF 12	

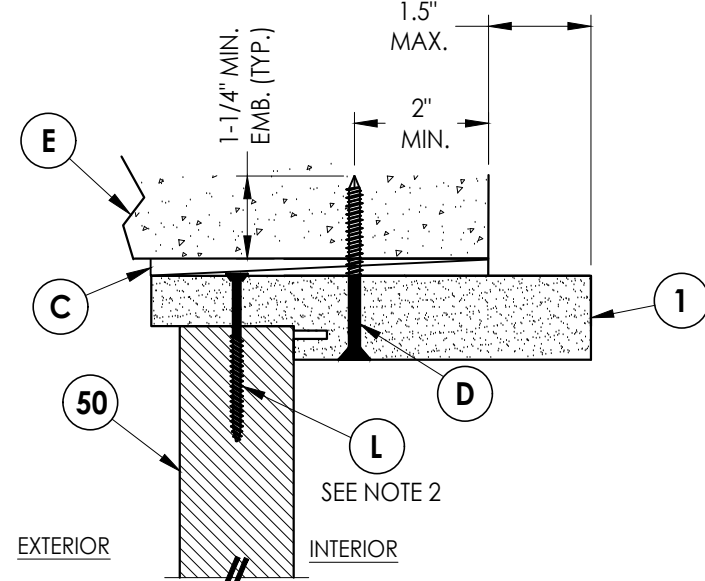
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5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)

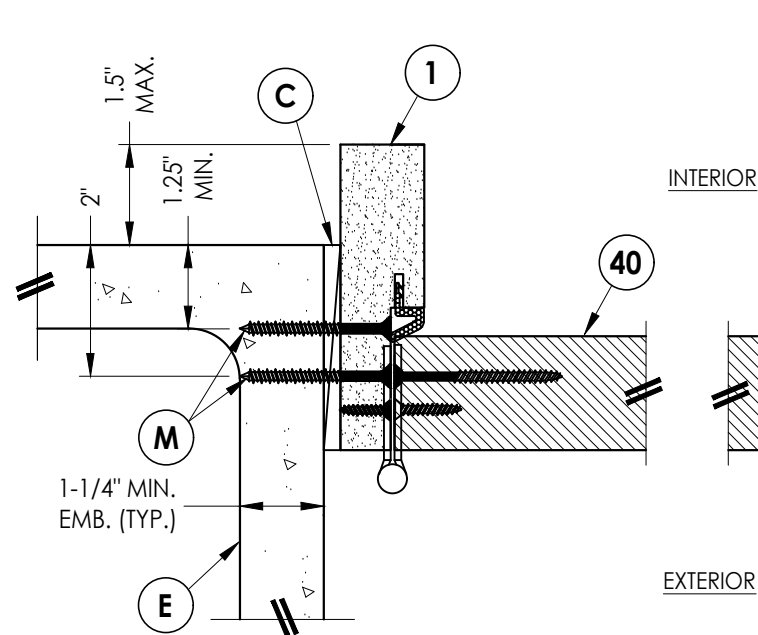


6
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

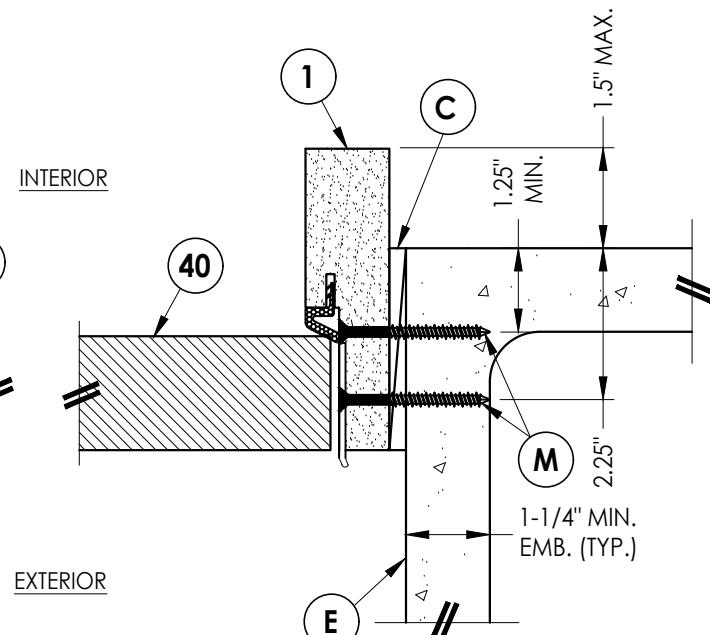


7
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

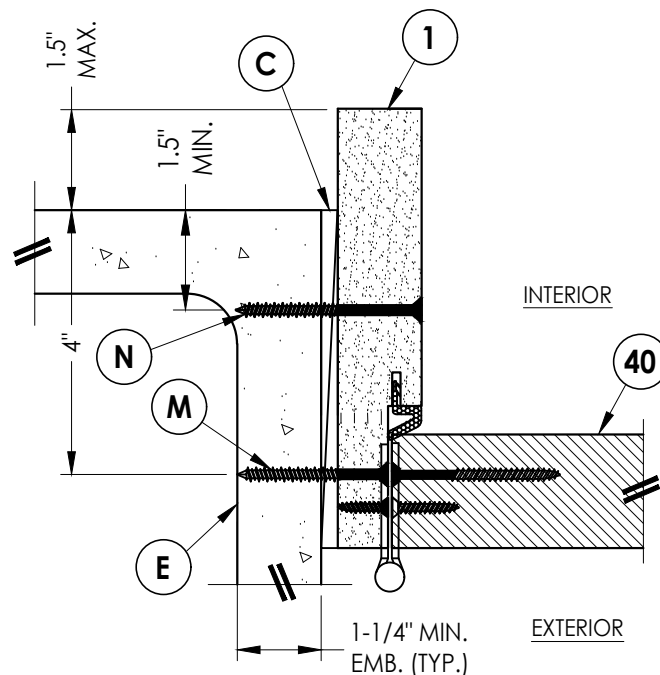
Notes:
1. Spacing for item L: 6" from ends and 5 more
equally spaced along sidelite (7 total).
2. Spacing for item L: 3" from each end.



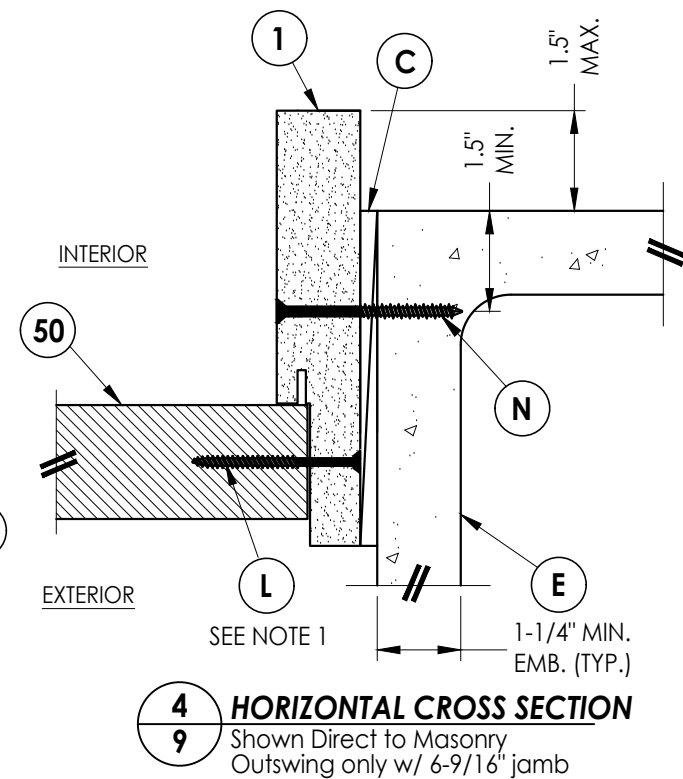
1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)



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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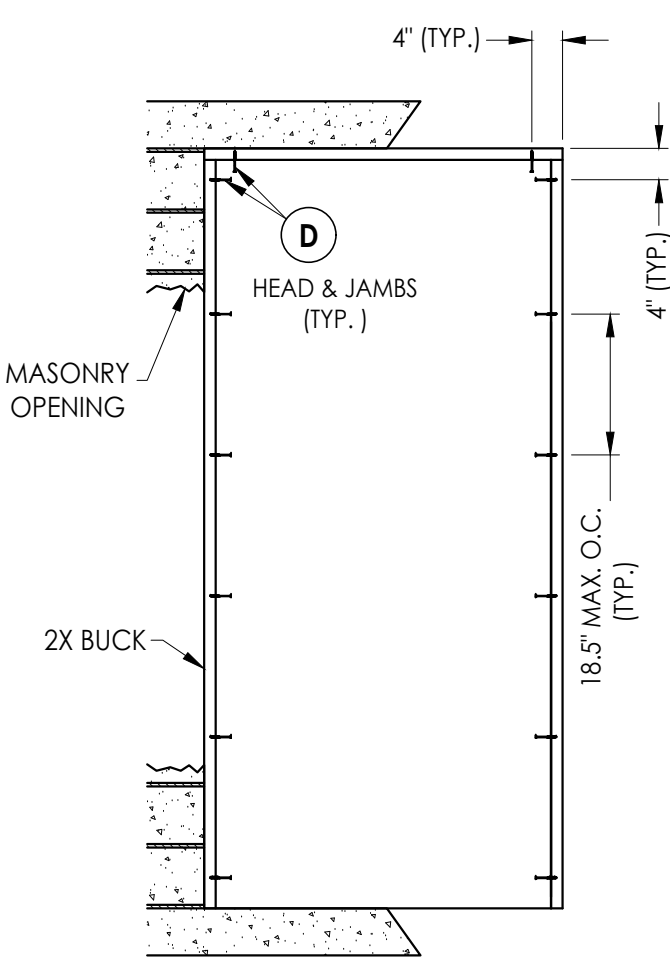
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

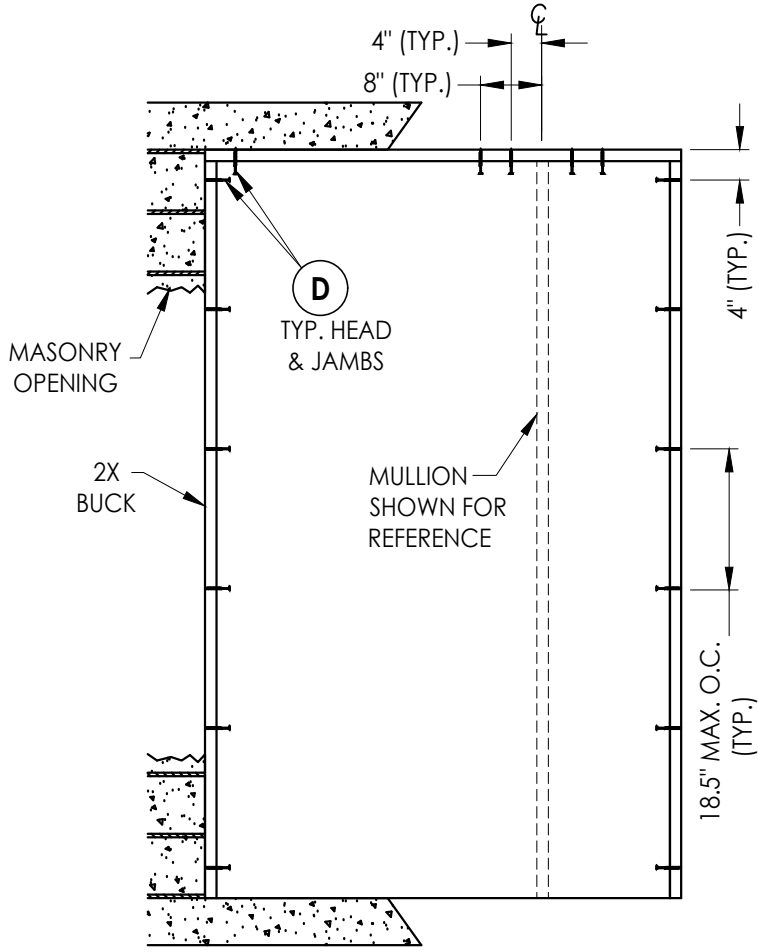
NO.	DATE	BY	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	8/16/22	REVISE DOOR PANEL	LFS

DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15209.6
SHEET 9 OF 12

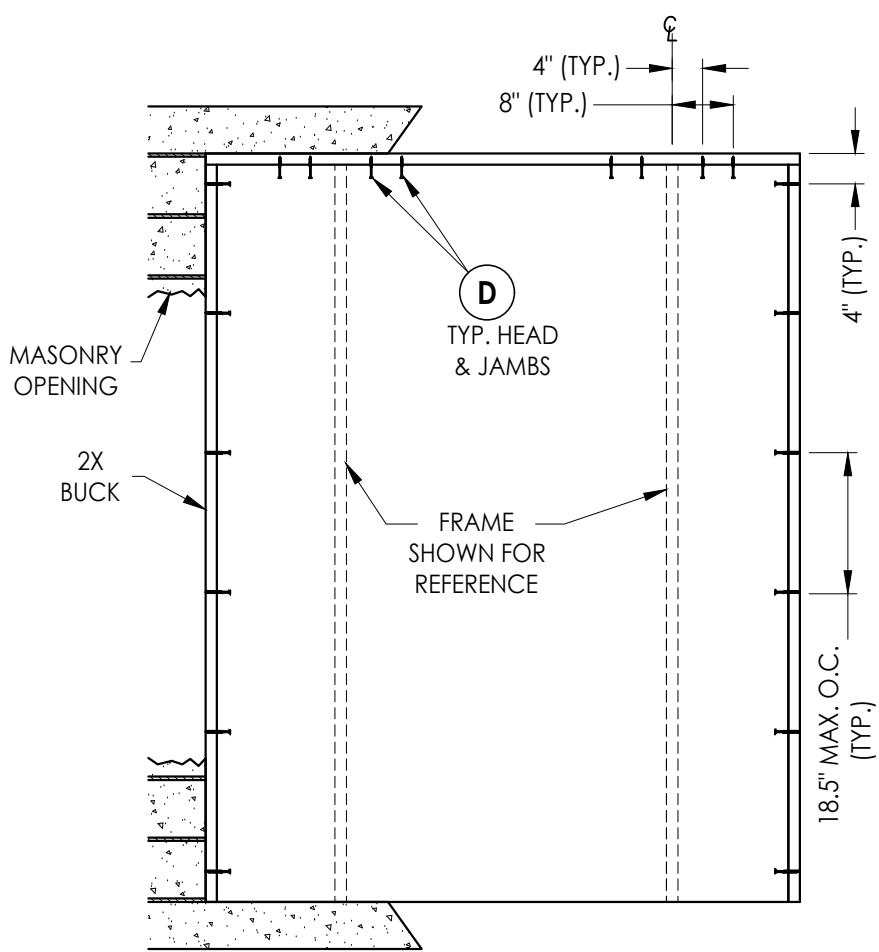
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X



XO/OX



OXO

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"

2X BUCK ANCHORING

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PRODUCT:

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

BUCK ANCHORING

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

DATE: 04/14/16

SCALE: N.T.S.

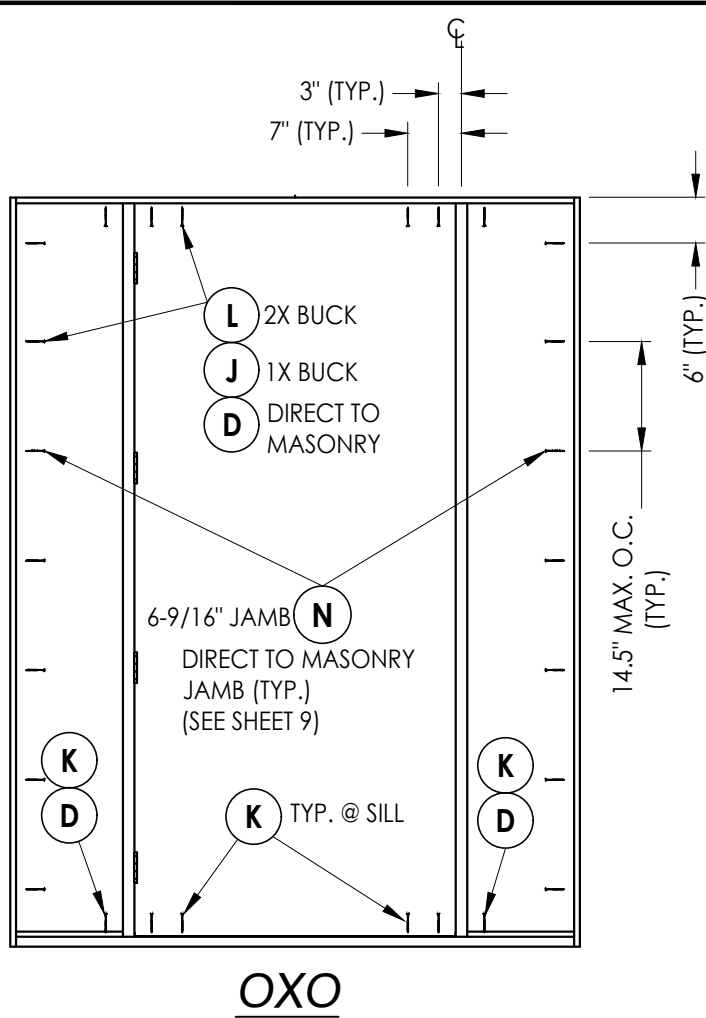
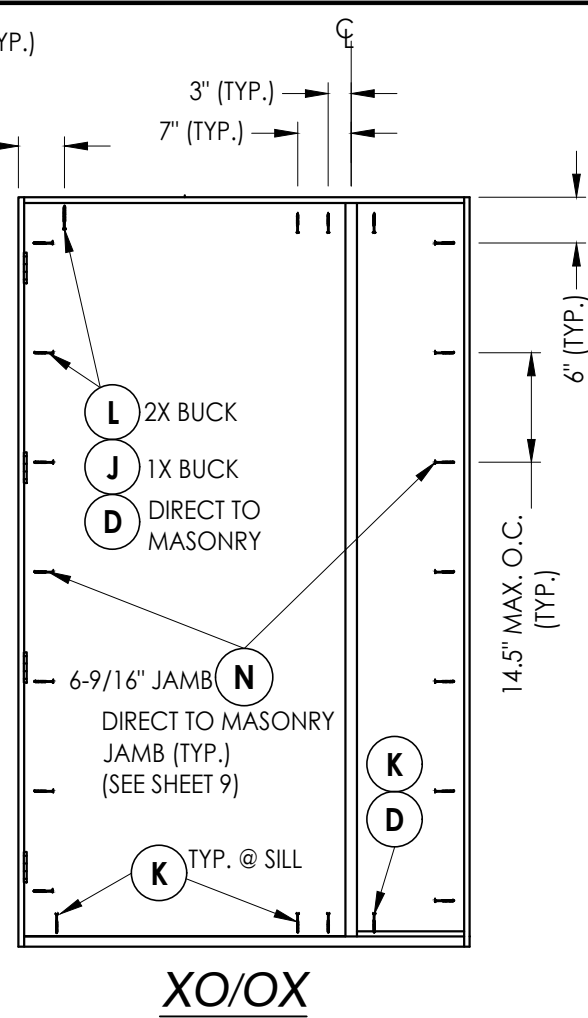
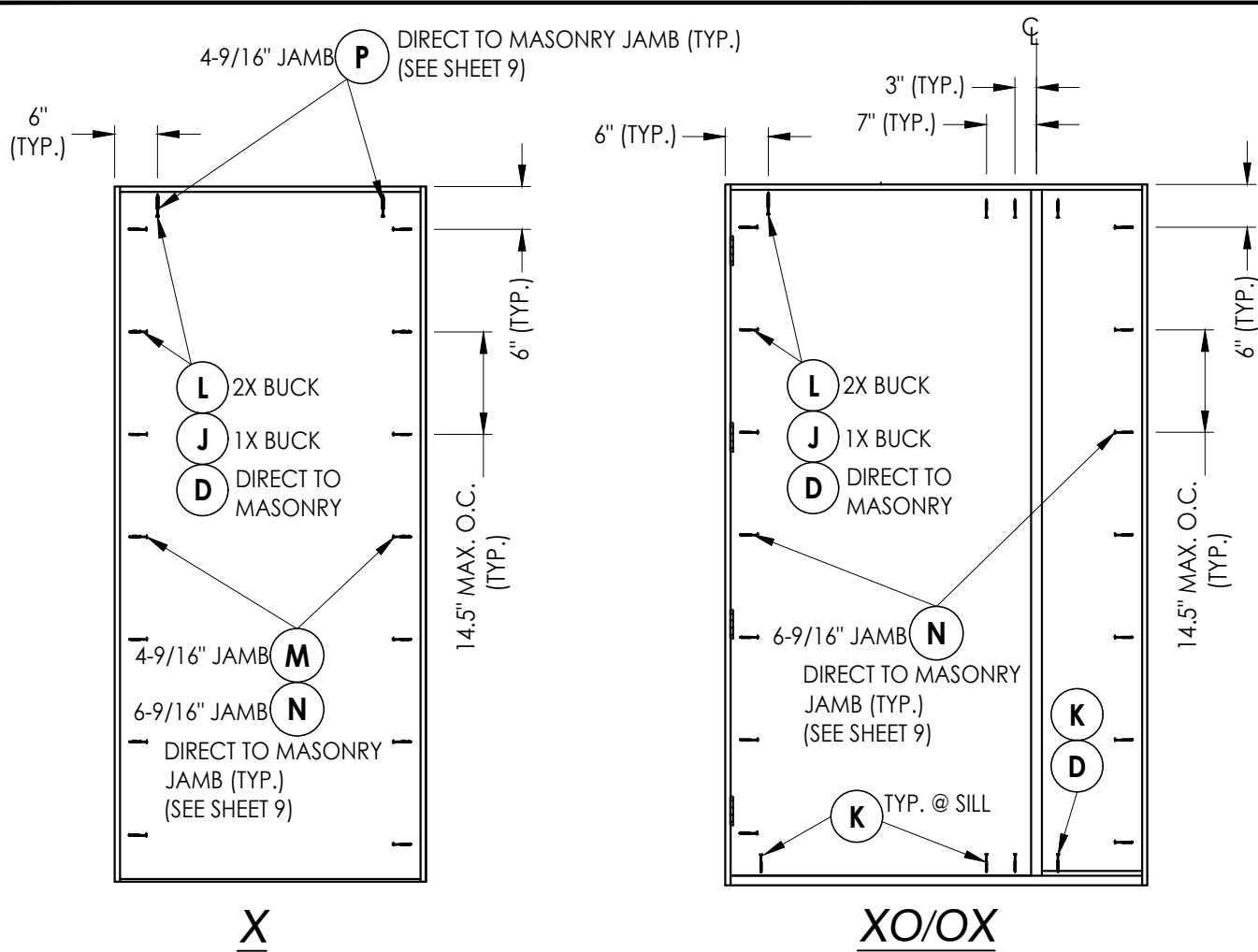
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15209.6

SHEET 10 OF 12

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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.

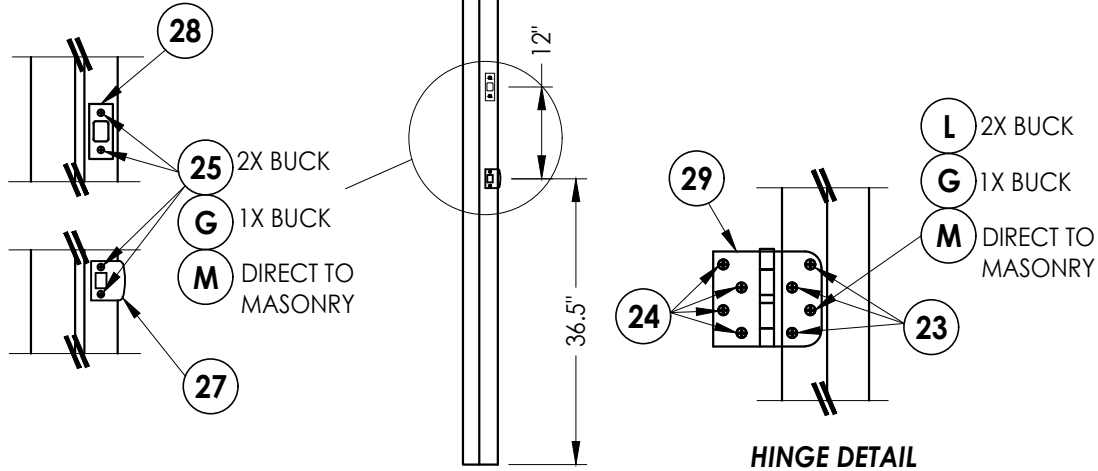
CONCRETE ANCHOR NOTES:

- 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:

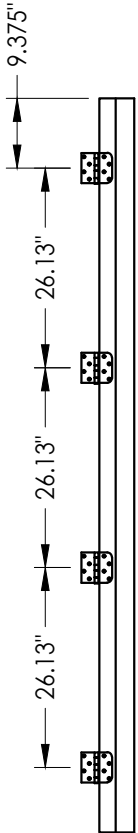
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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 AND DEADBOLT STRIKE PLATE DETAILS



HINGE JAMB

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

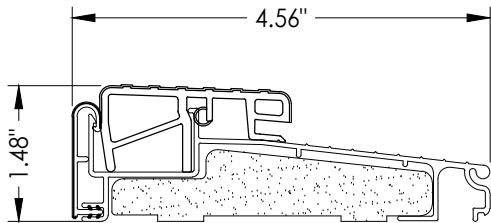
FL-15209.6

SHEET 11 OF 12

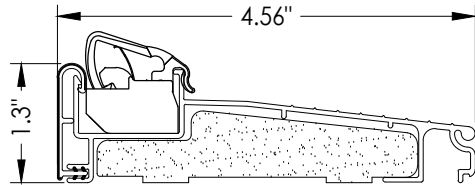
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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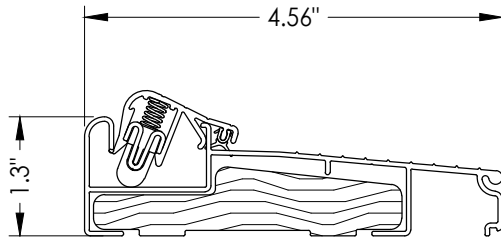
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD 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	ALUM / COMP
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	-



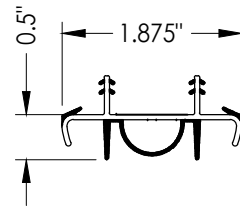
33 OUTSWING THRESHOLD
Endura



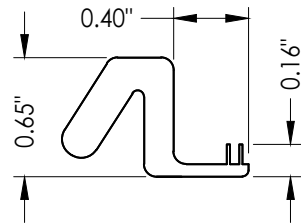
34 INSWING THRESHOLD
Endura (Articulating)
ALUM/COMP/VINYL



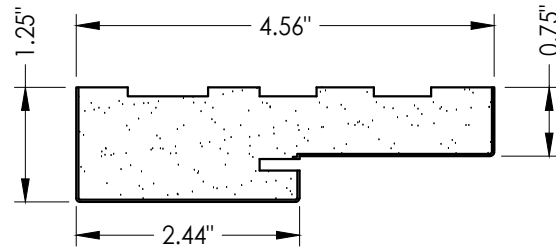
31 INSWING THRESHOLD
Endura (Articulating)
ALUM/WOOD



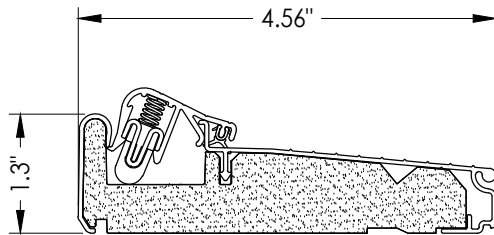
8 DOOR BOTTOM SWEEP
(Articulating)



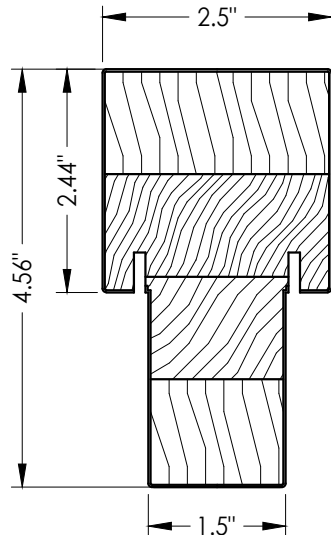
7 WEATHERSTRIP
Endura Force 5



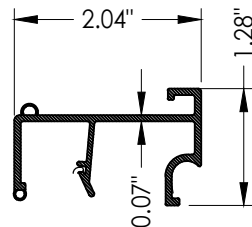
1 POLY FIBER JAMB



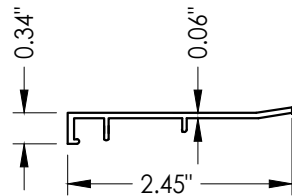
32 INSWING THRESHOLD
Endura (Articulating)
ALUM/COMP



3 MULLION
Endura



38 SIDELITE ADAPTER
Endura



39 SIDELITE ADAPTER
Endura

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

RW BUILDING CONSULTANTS, INC.
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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
AND COMPONENTS

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DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.6

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