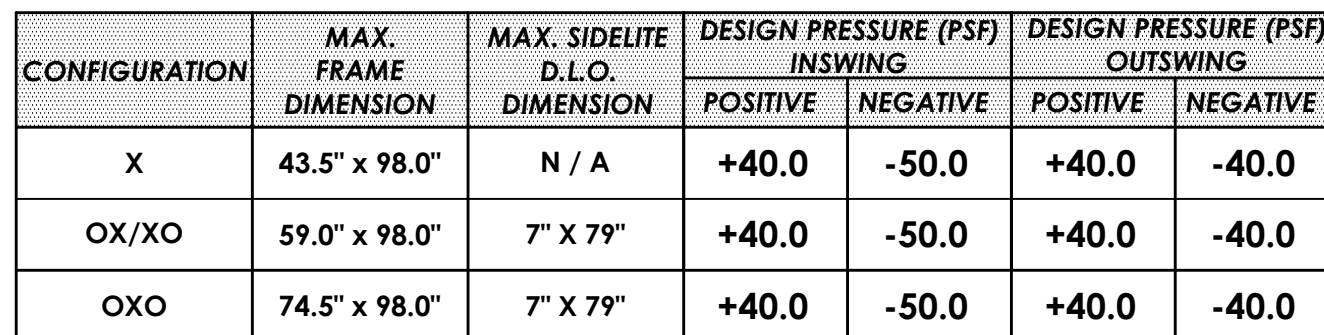




Smooth / Wood Grain / Mahogany / Rustic
Series Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

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



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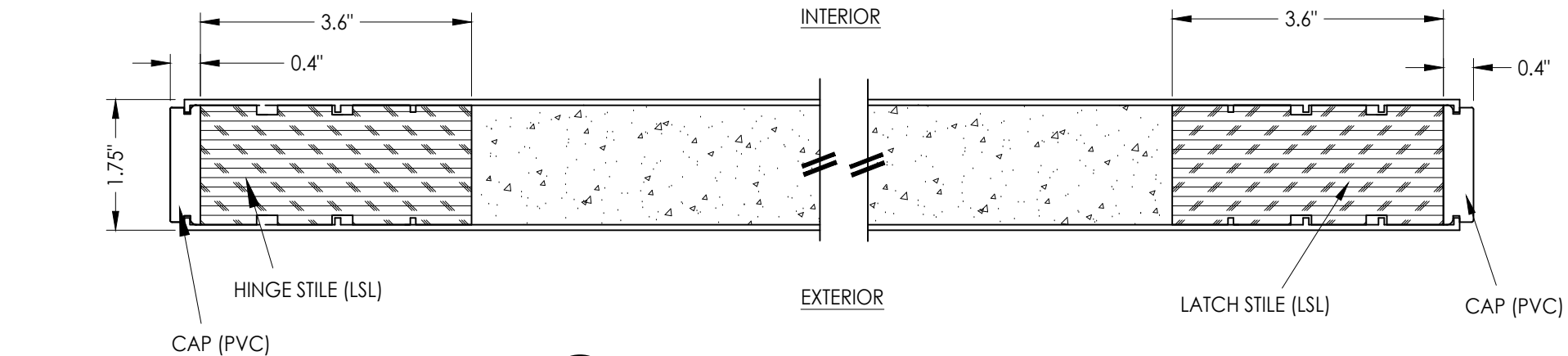
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

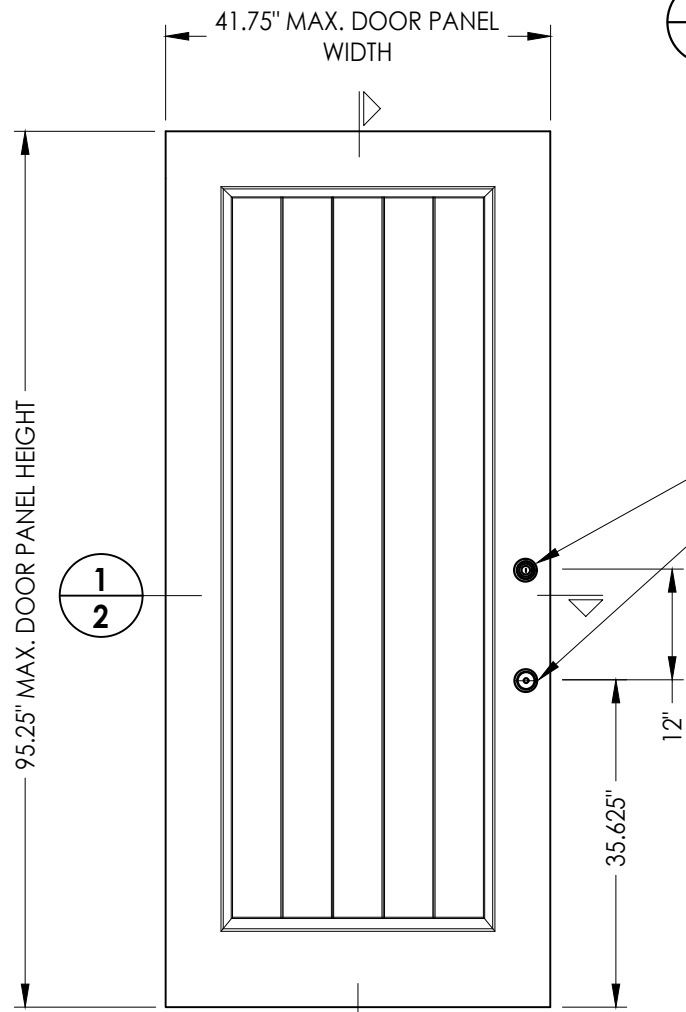
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DATE: 04/14/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15209.6
SHEET 1 OF 12

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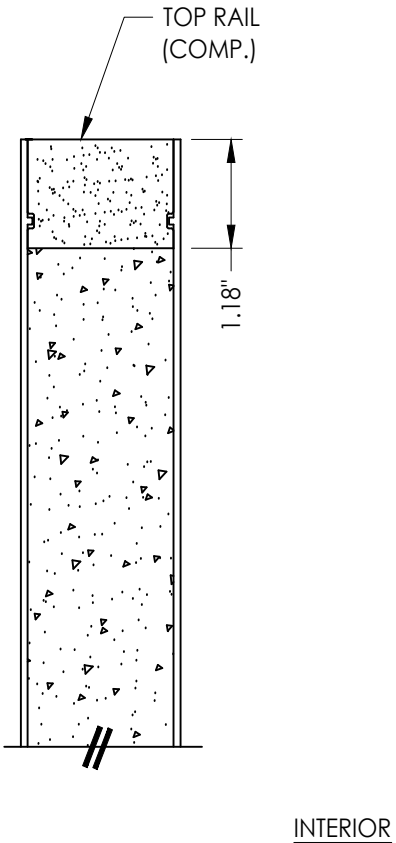


1
2 **HORIZONTAL CROSS SECTION**



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	



EXTERIOR INTERIOR

2
2 **VERTICAL CROSS SECTION**

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

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

						REVISIONS	
						NO.	DATE
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	8/16/22	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

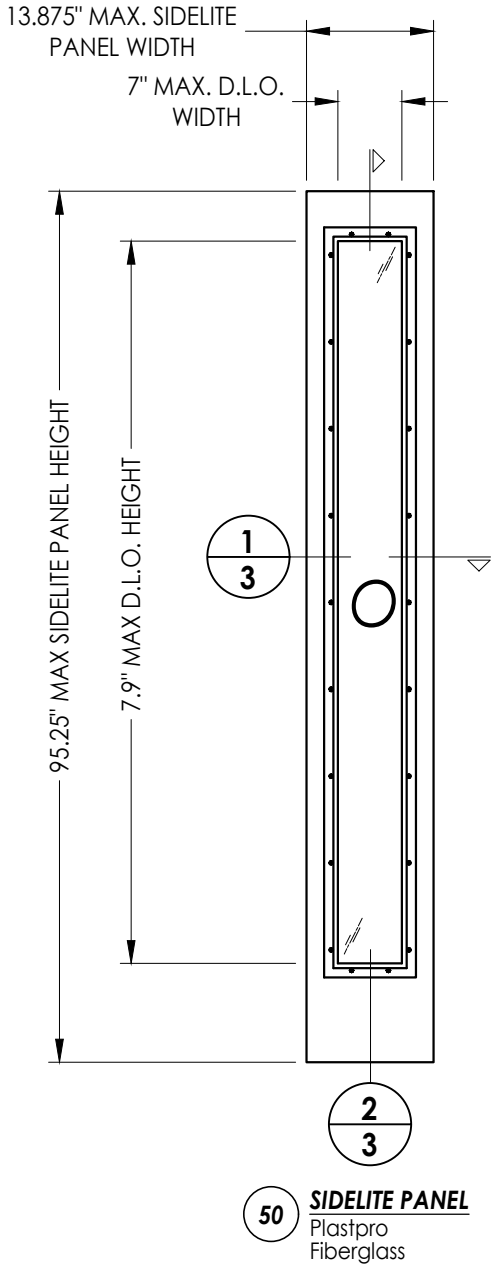
CHK. BY: LFS

DRAWING NO.:

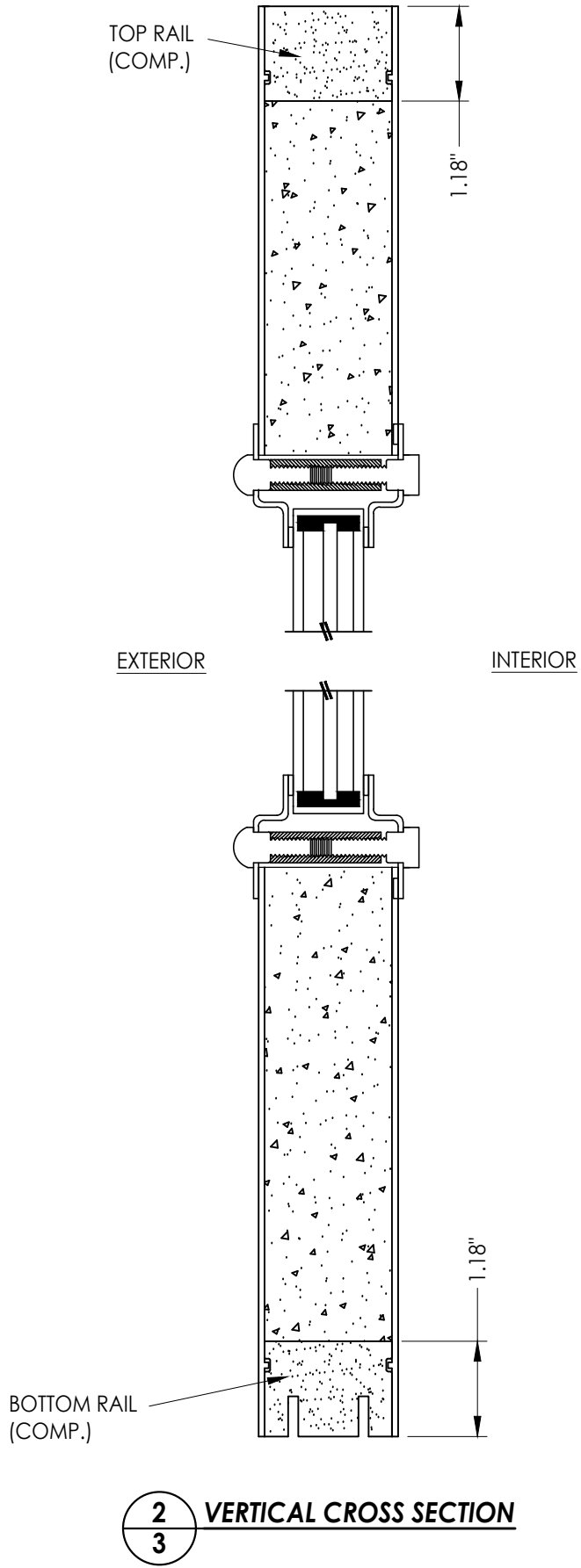
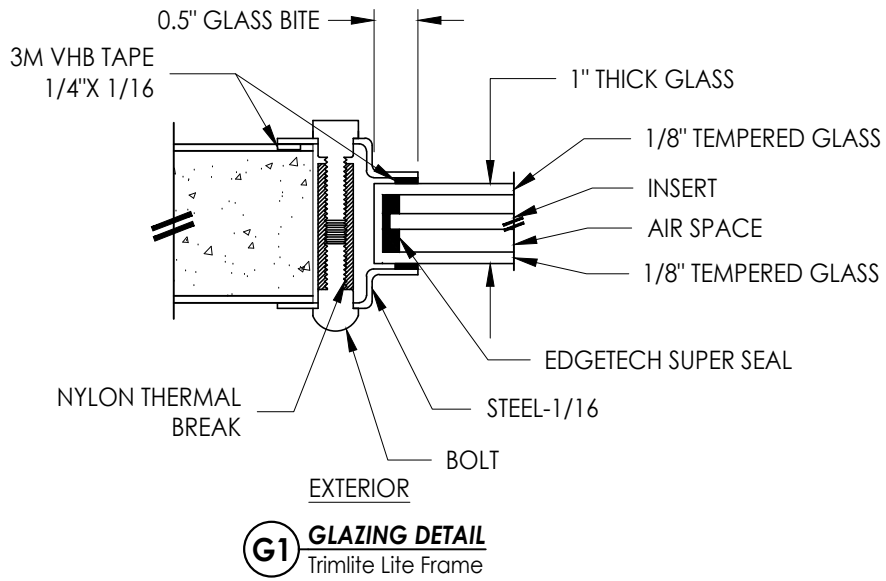
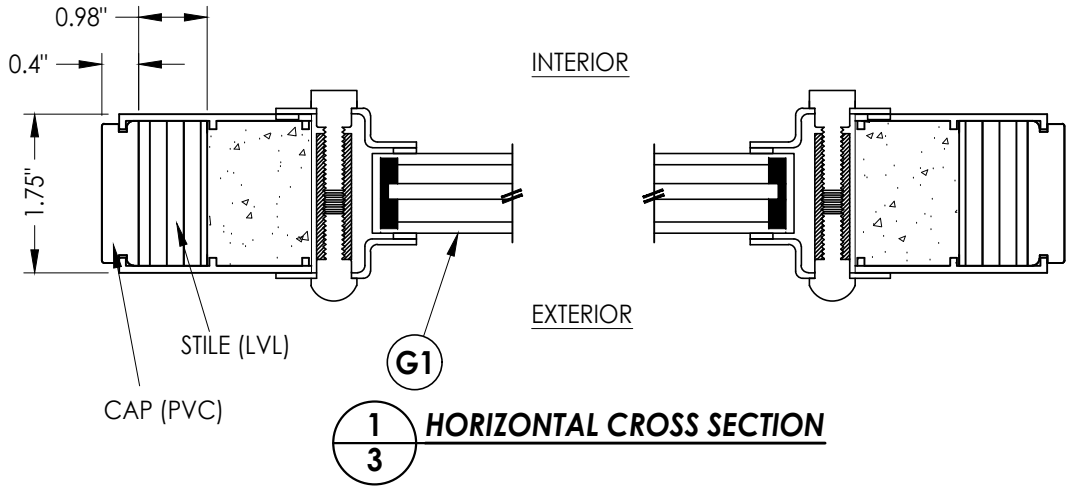
FL-15209.6

SHEET 2 OF 12

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



DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15209.6

SHEET 3 OF 12

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

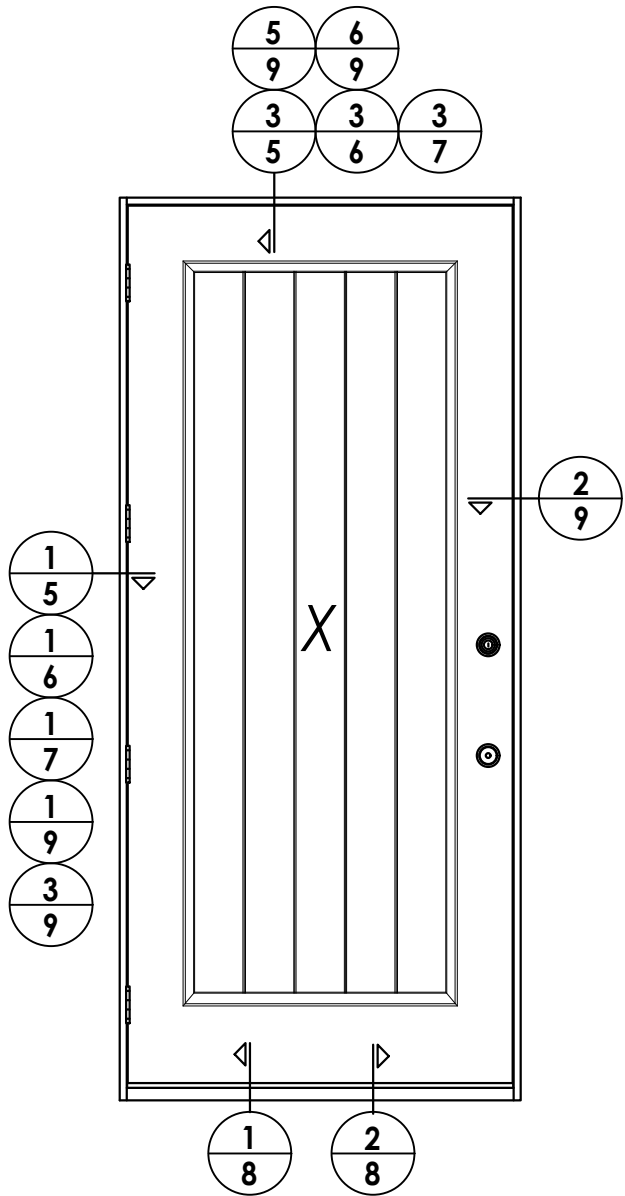
PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

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

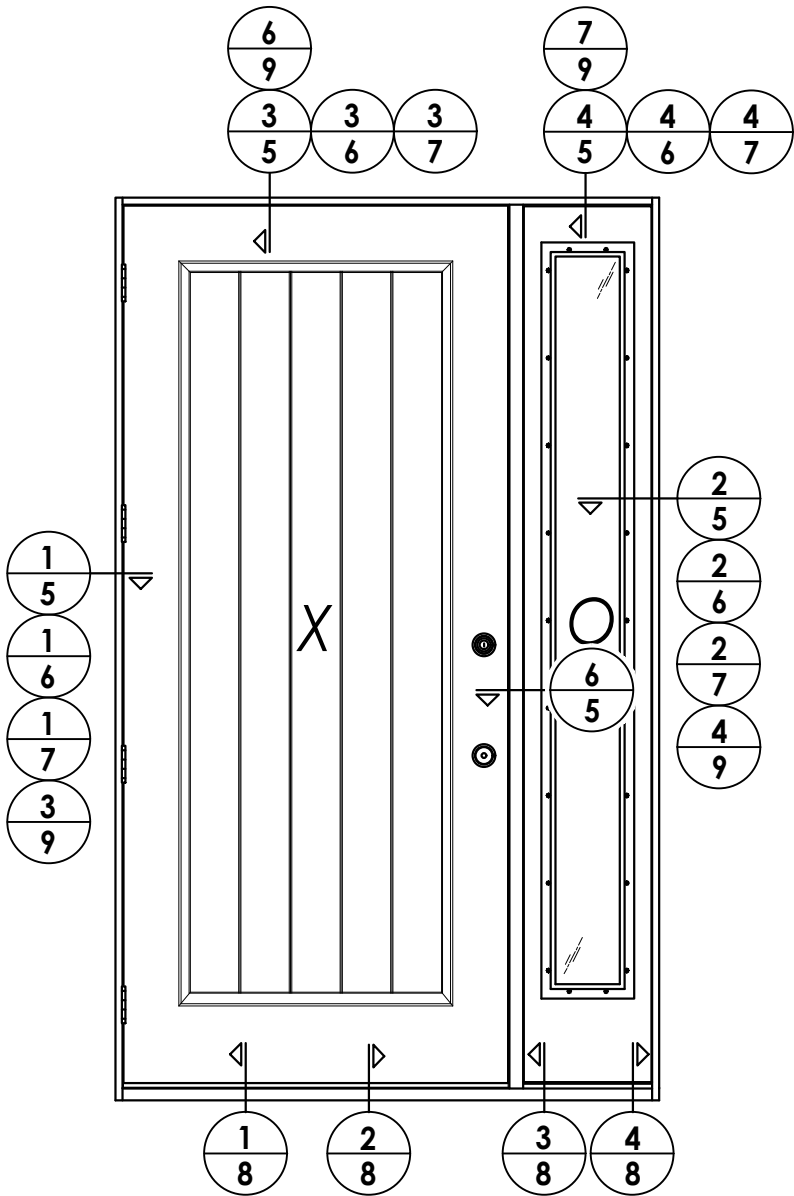
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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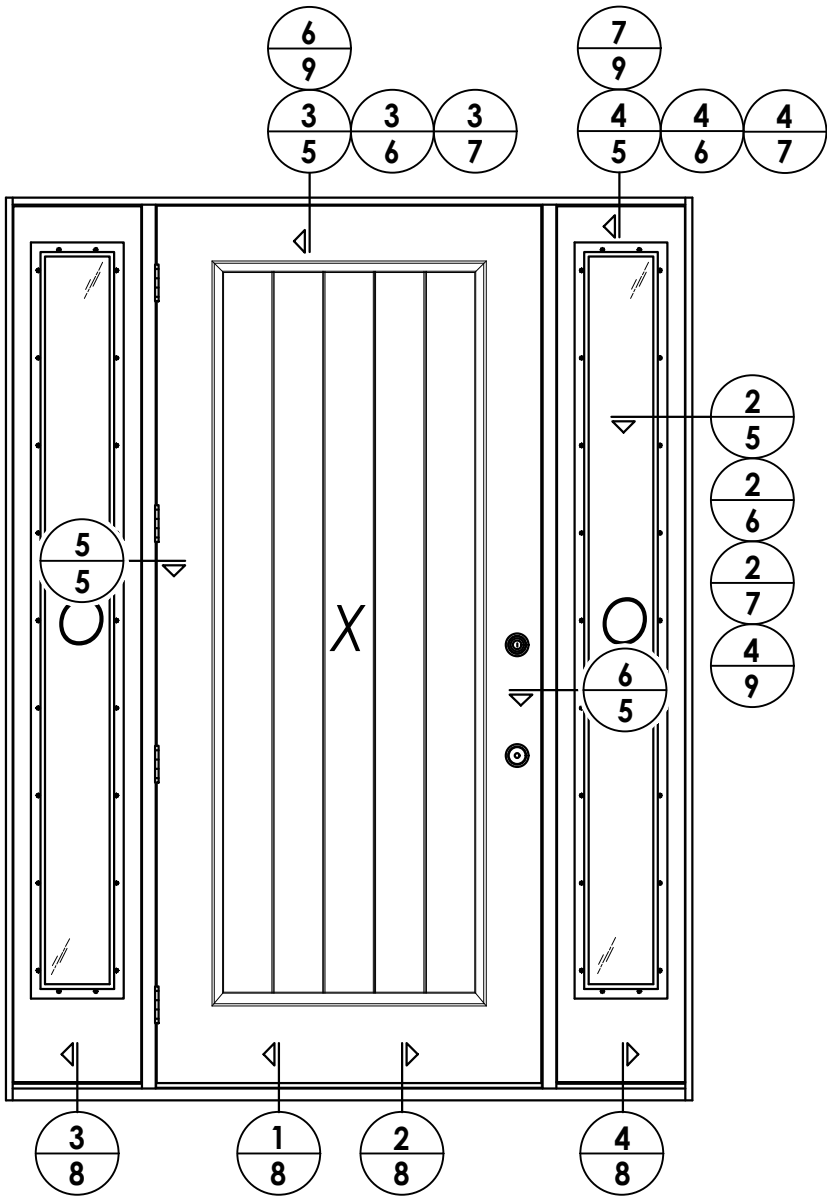
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ELEVATION (X)



ELEVATION (XO)



ELEVATION (OXO)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	8/16/22	REVISE DOOR PANEL
2	7/23/20	UPDATE TO 7TH ED (2020) FBC
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-15209.6

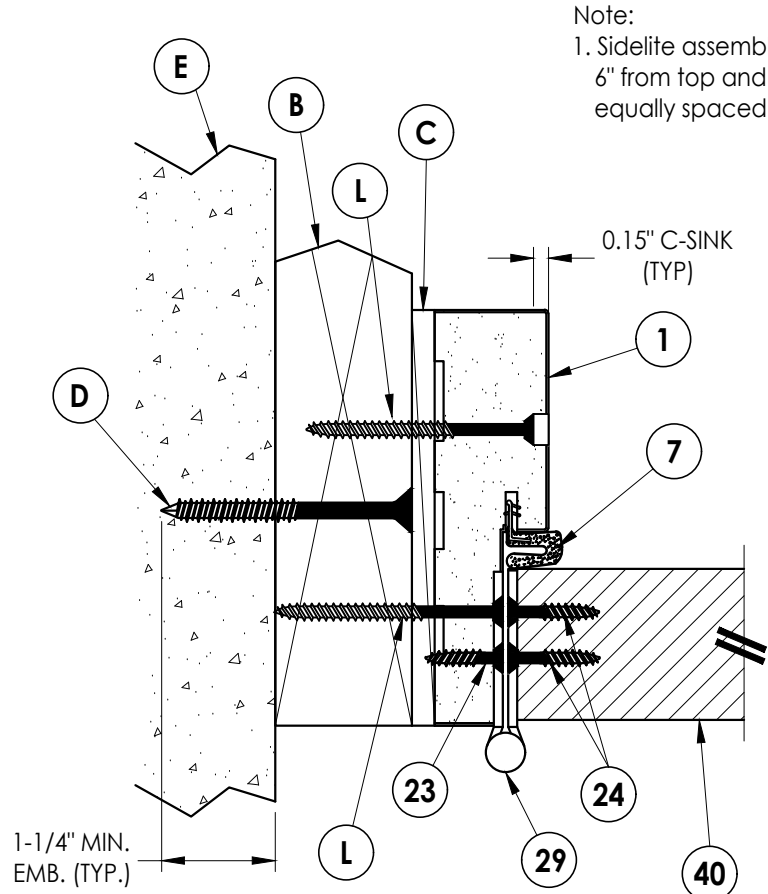
SHEET 4 OF 12

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

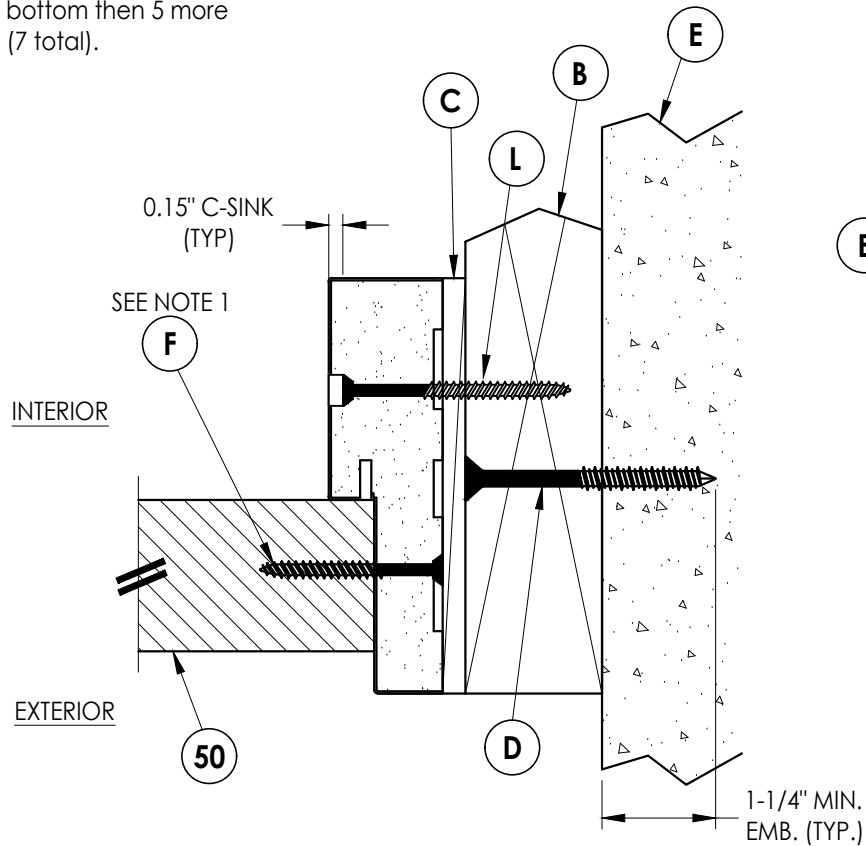
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

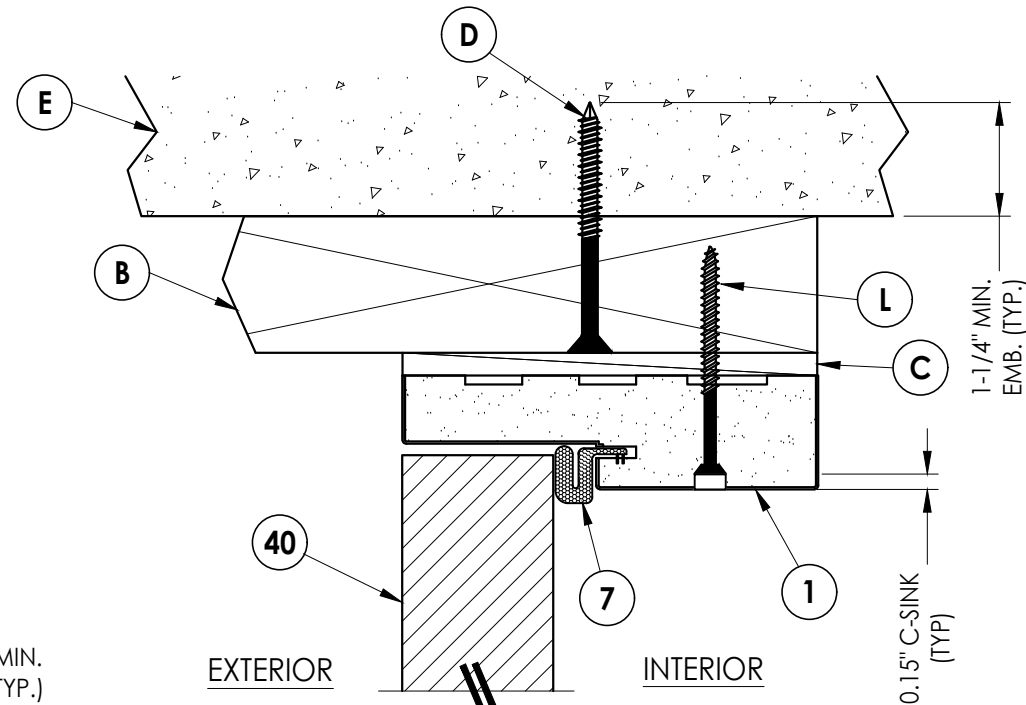
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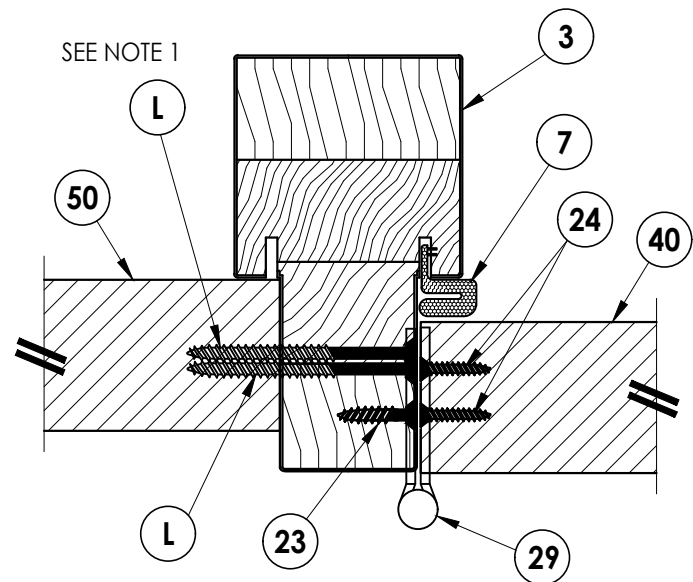
1 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



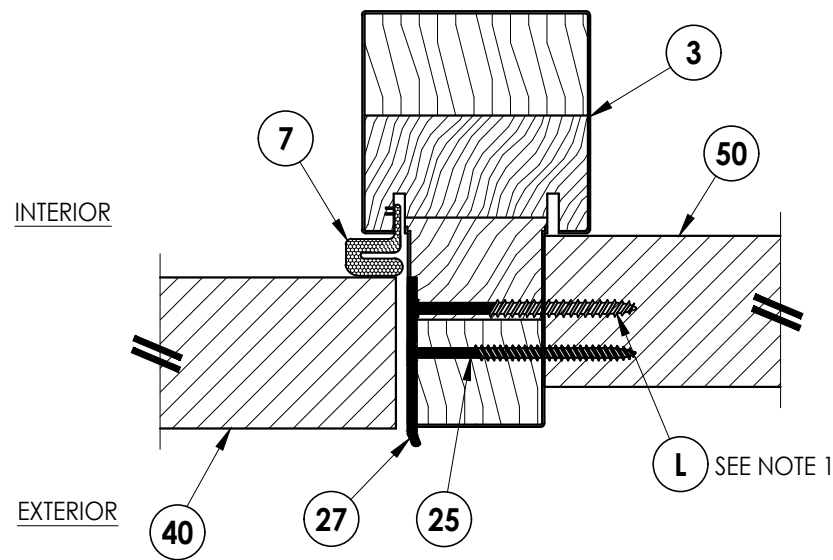
2 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



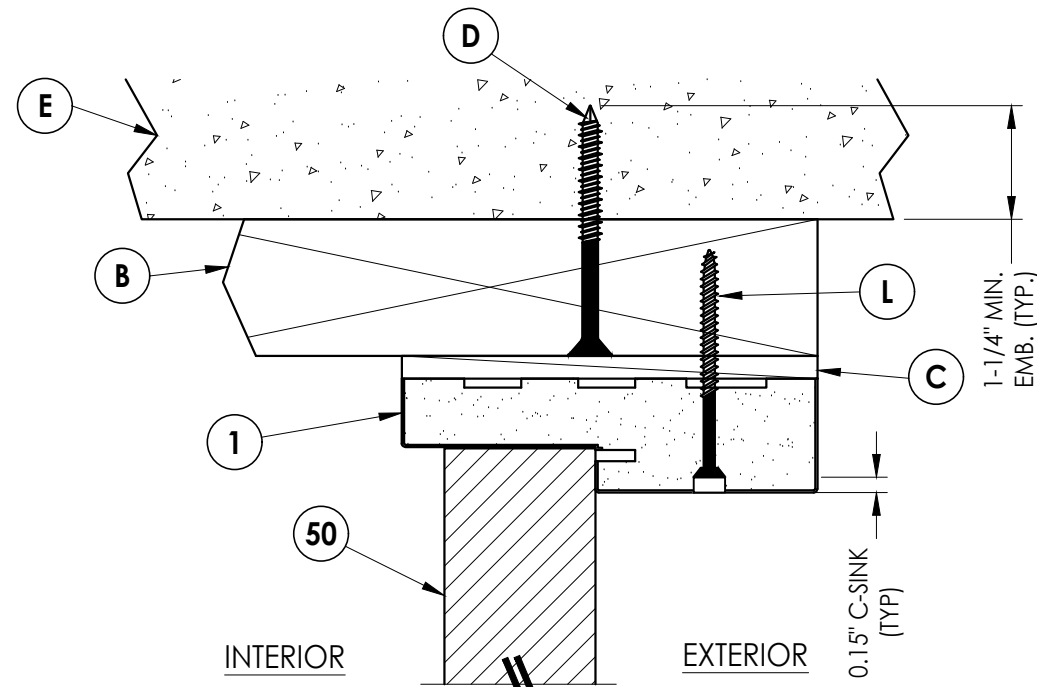
3 **VERTICAL CROSS SECTION**
5 Outswing shown (Inswing similar)



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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P.E. No. 43409

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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 (2X BUCK)

NO.	DATE	REVISIONS		
		BY	JK	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/16/22	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.

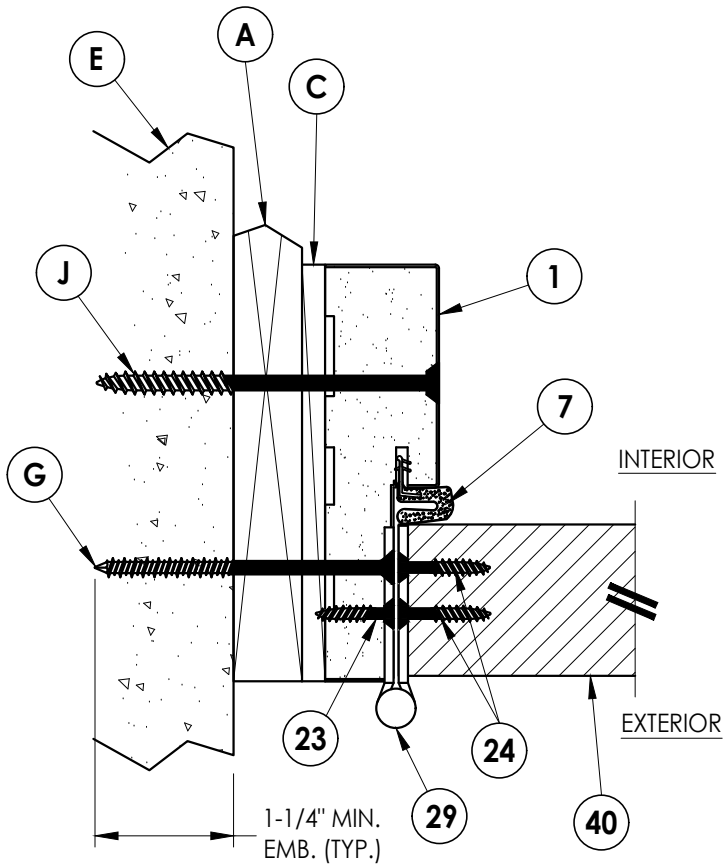
DWG. BY: JK

CHK. BY: LFS

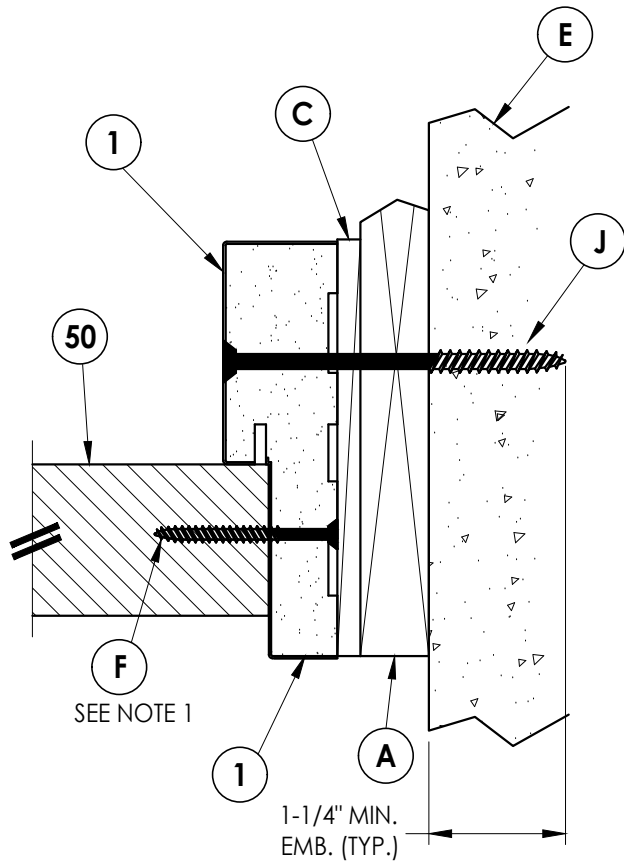
DRAWING NO.:
FL-15209.6

SHEET 5 OF 12

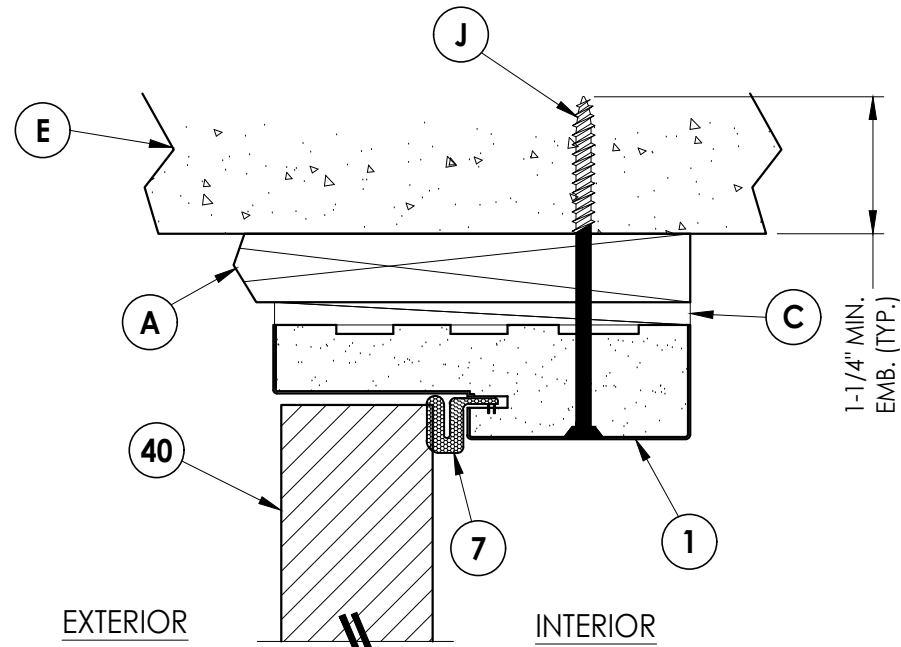
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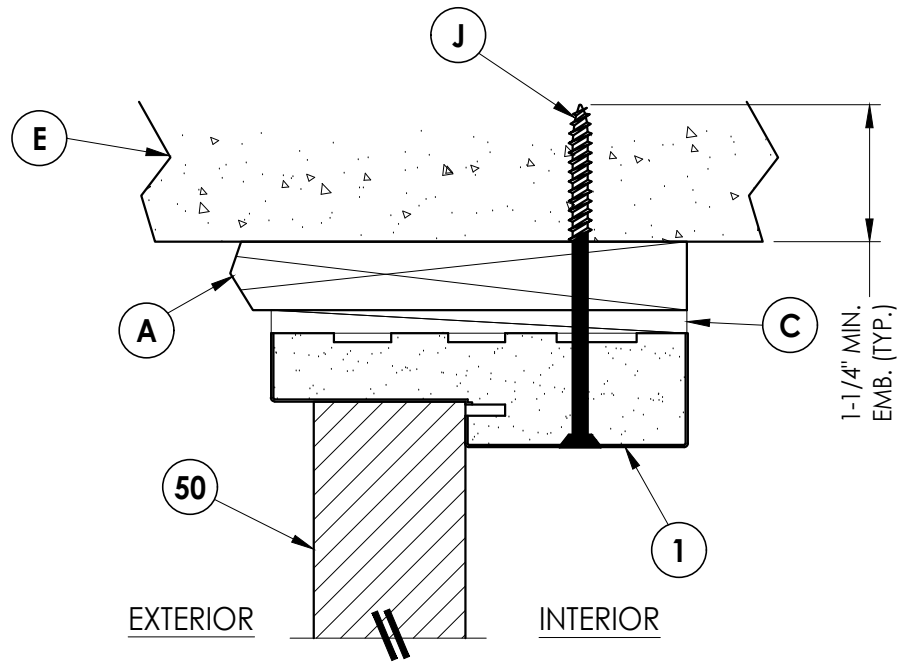
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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)

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

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Lyndon F. Schmidt
P.E. No. 43409

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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 (1X BUCK)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	8/16/22	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

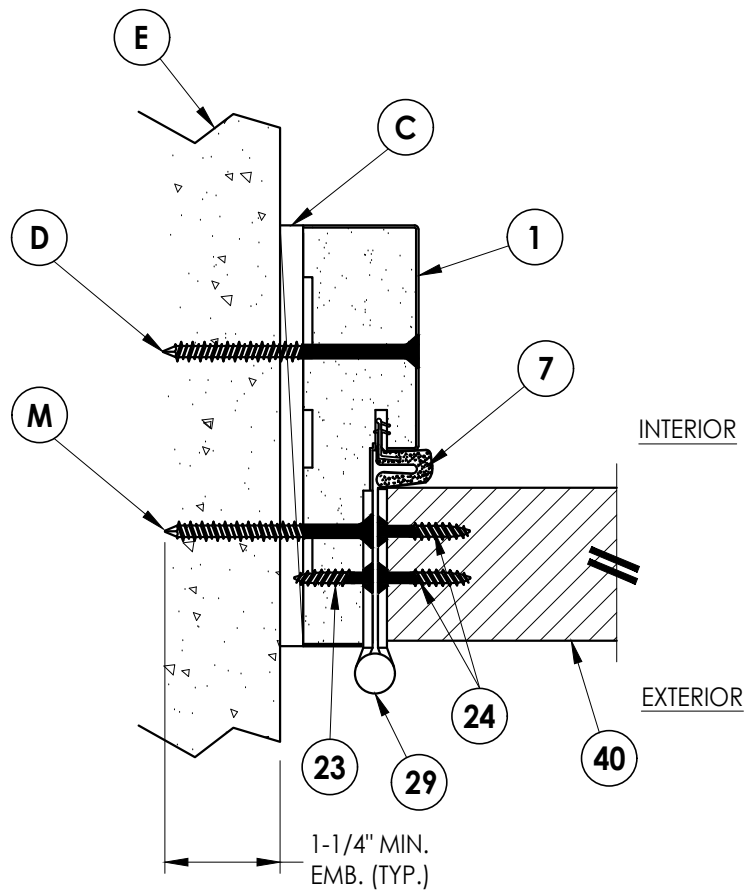
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DRAWING NO.:

FL-15209.6

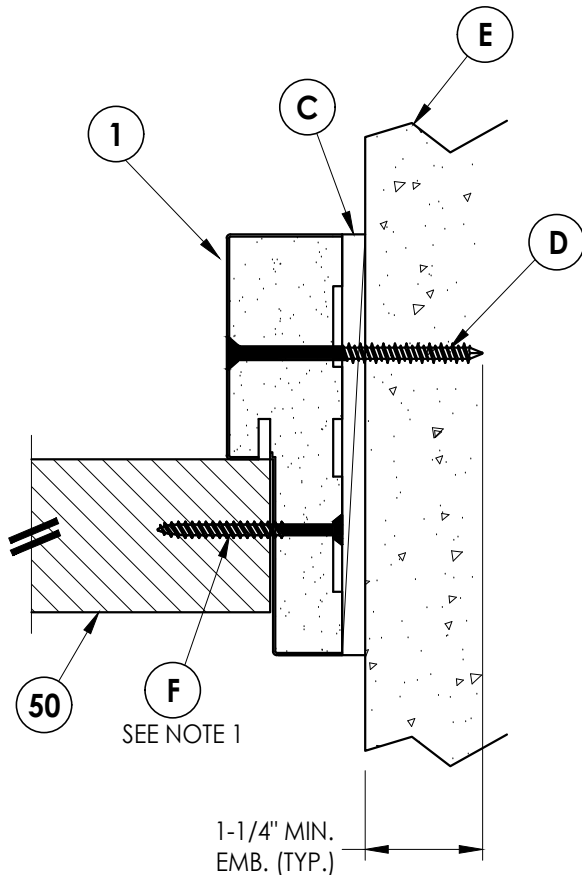
SHEET 6 OF 12

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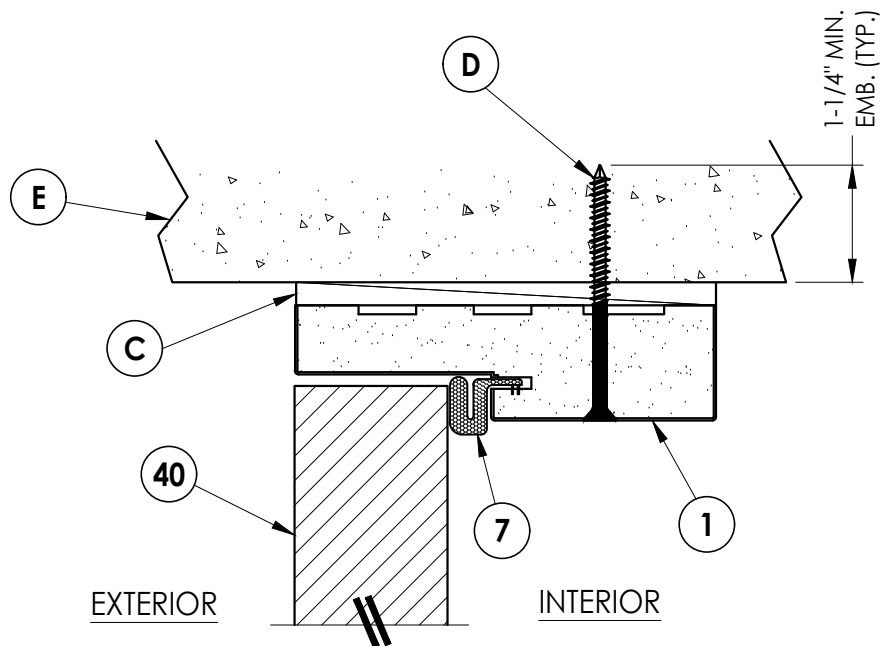


1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

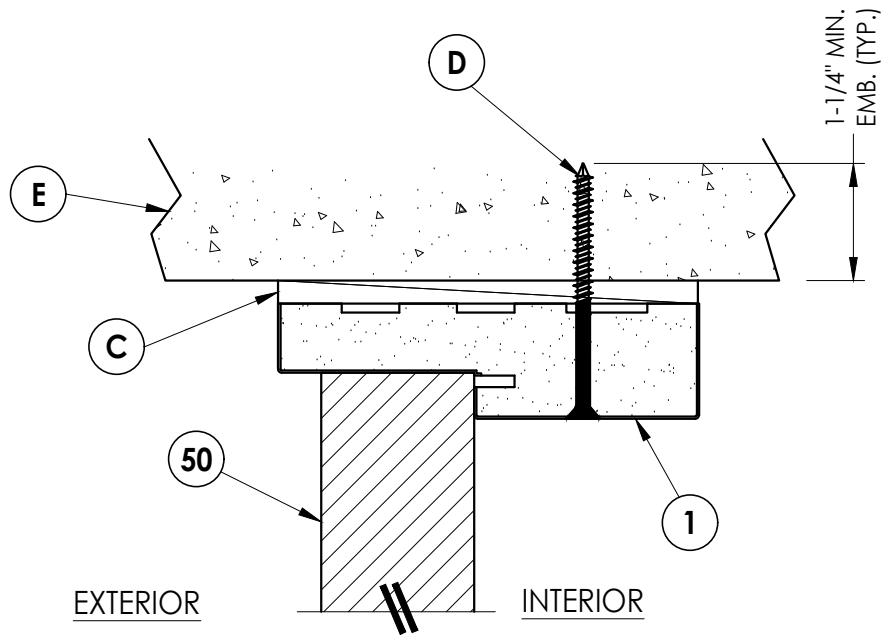
Note:
1. Sidelite assembly screws located
6\"/>



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



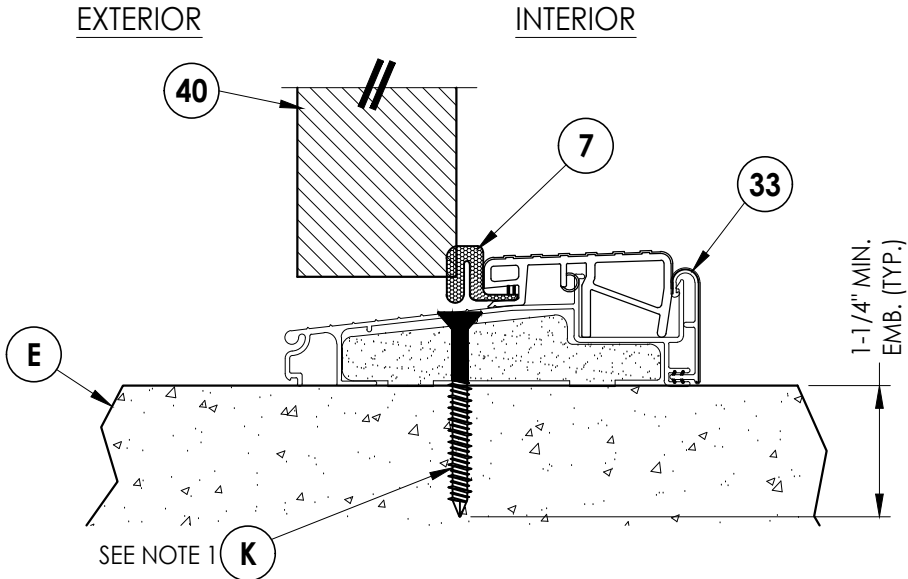
3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



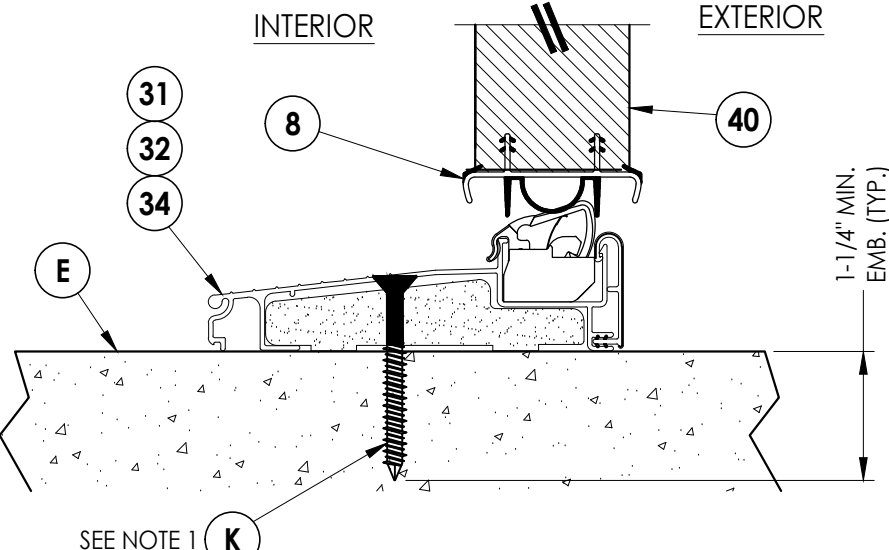
4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

Documents Prepared By: 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: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
		LFS	
		LFS	
		LFS	
		JK	
		BY	
		NO.	DATE
		REVISIONS	
		DATE: 04/14/16	
		SCALE: N.T.S.	
		DWG. BY: JK	
		CHK. BY: LFS	
		DRAWING NO.: FL-15209.6	
		SHEET 7 OF 12	

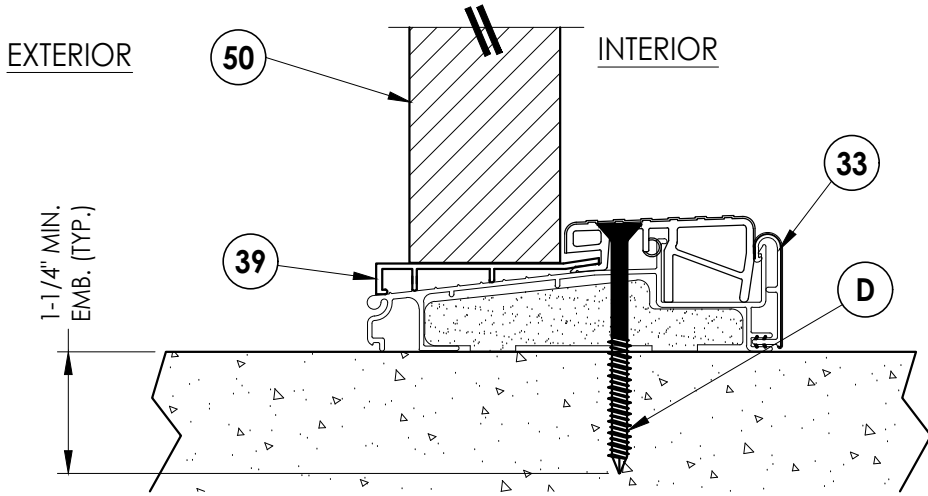
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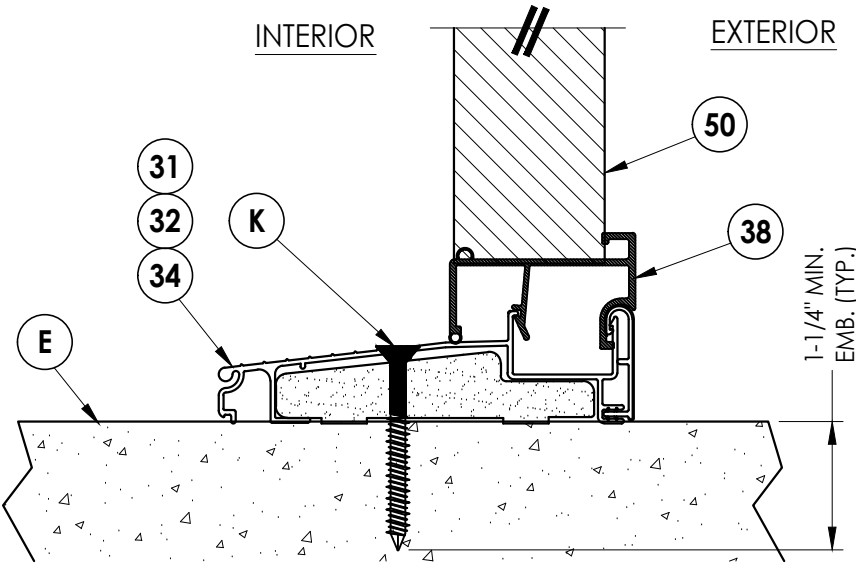
1
8 VERTICAL CROSS SECTION
Outswing configuration



2
8 VERTICAL CROSS SECTION
Inswing configuration



3
8 VERTICAL CROSS SECTION
Outswing configuration



4
8 VERTICAL CROSS SECTION
Inswing configuration

NOTE
1. Not required for single without sidelites.

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	8/16/22	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.

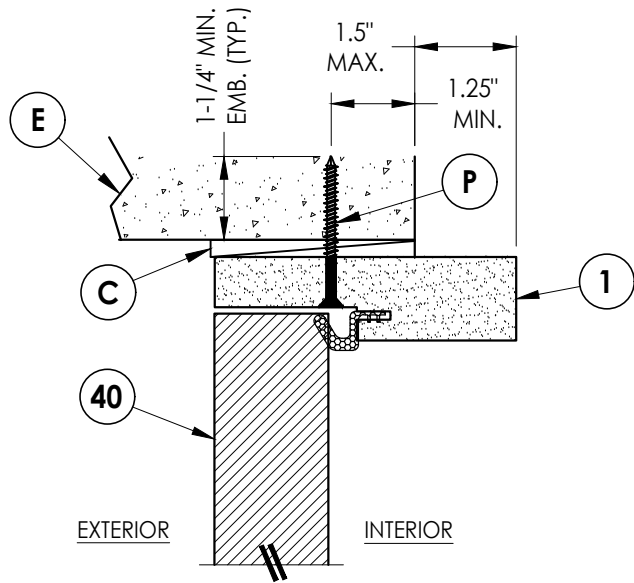
DWG. BY: JK

CHK. BY: LFS

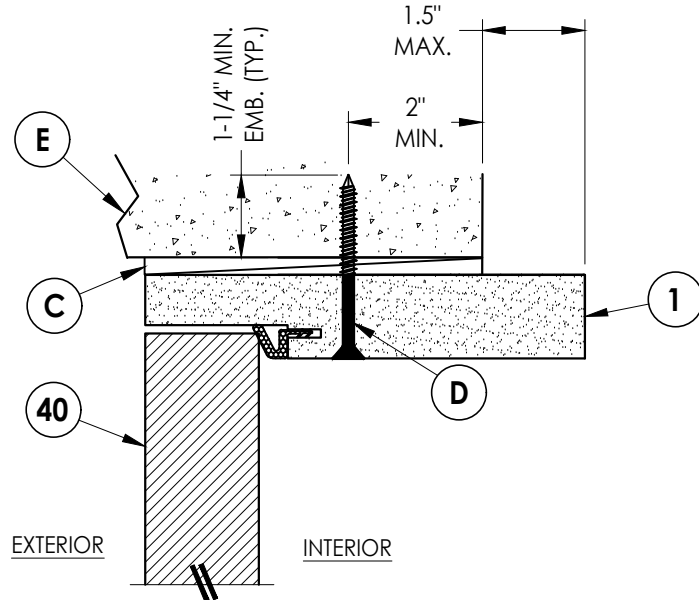
DRAWING NO.:
FL-15209.6

SHEET 8 OF 12

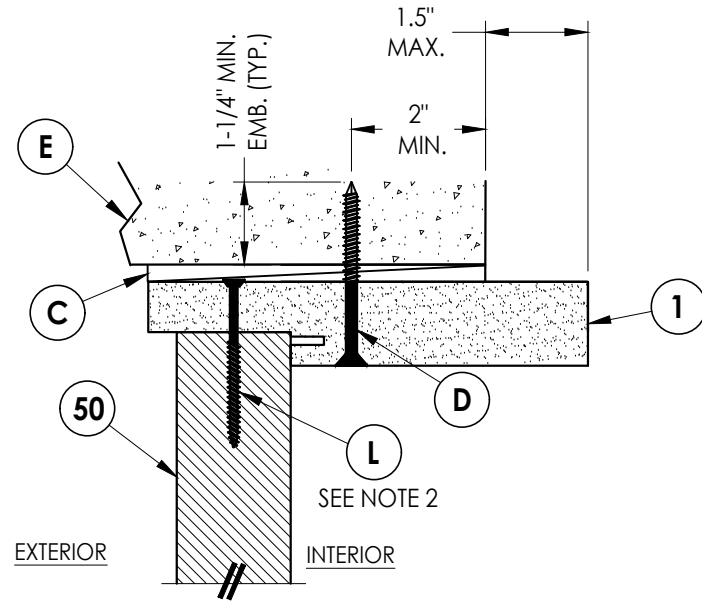
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5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)

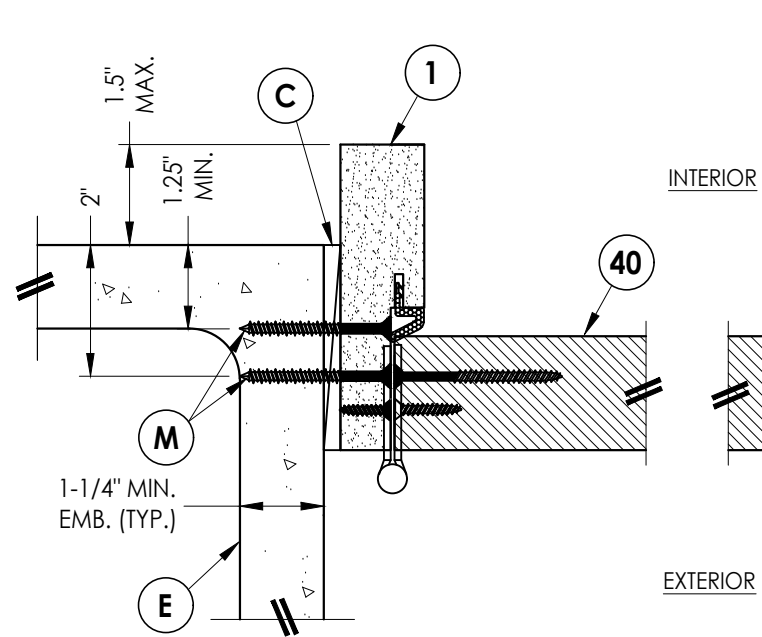


6
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

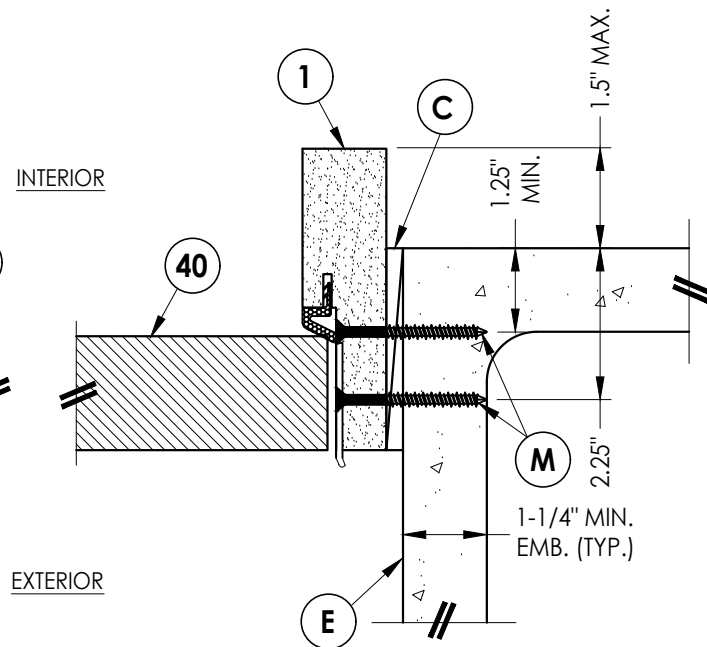


7
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

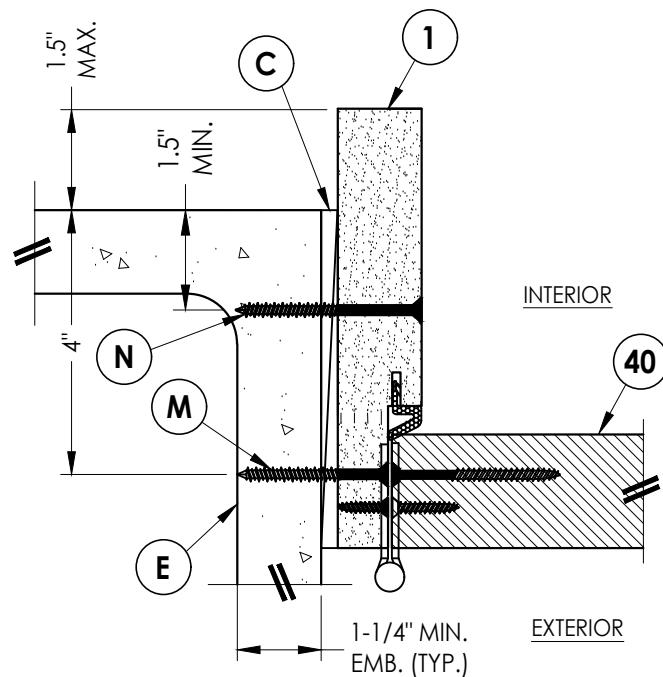
Notes:
1. Spacing for item L: 6" from ends and 5 more
equally spaced along sidelite (7 total).
2. Spacing for item L: 3" from each end.



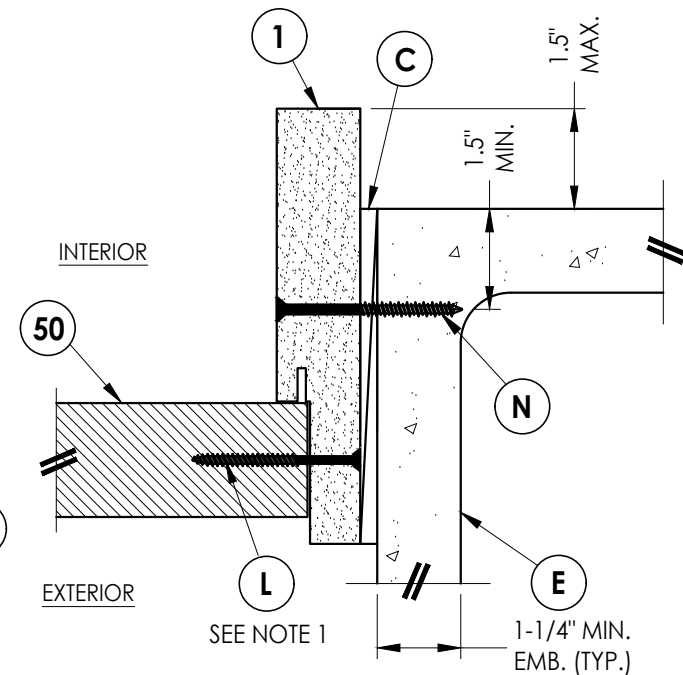
1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single Door Only (N/A w/ Sidelites)



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

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

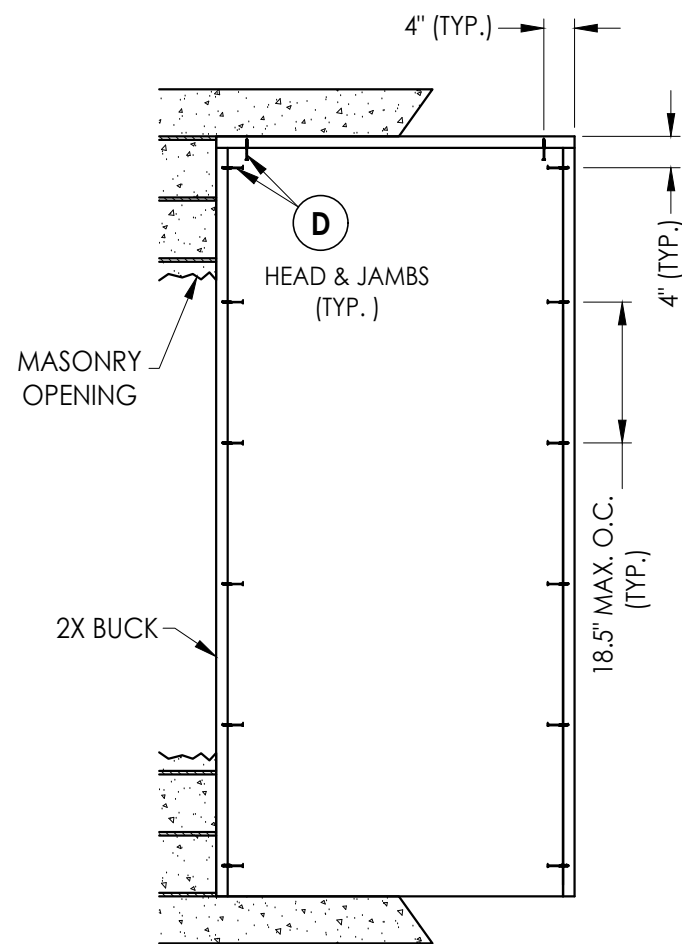
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

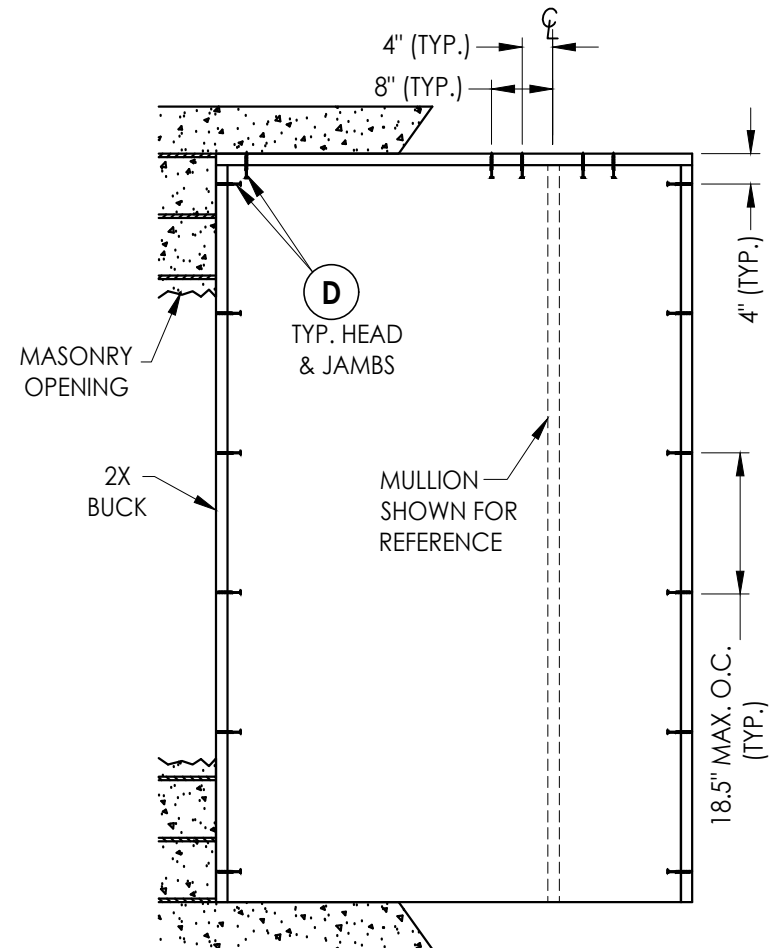
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	8/16/22	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

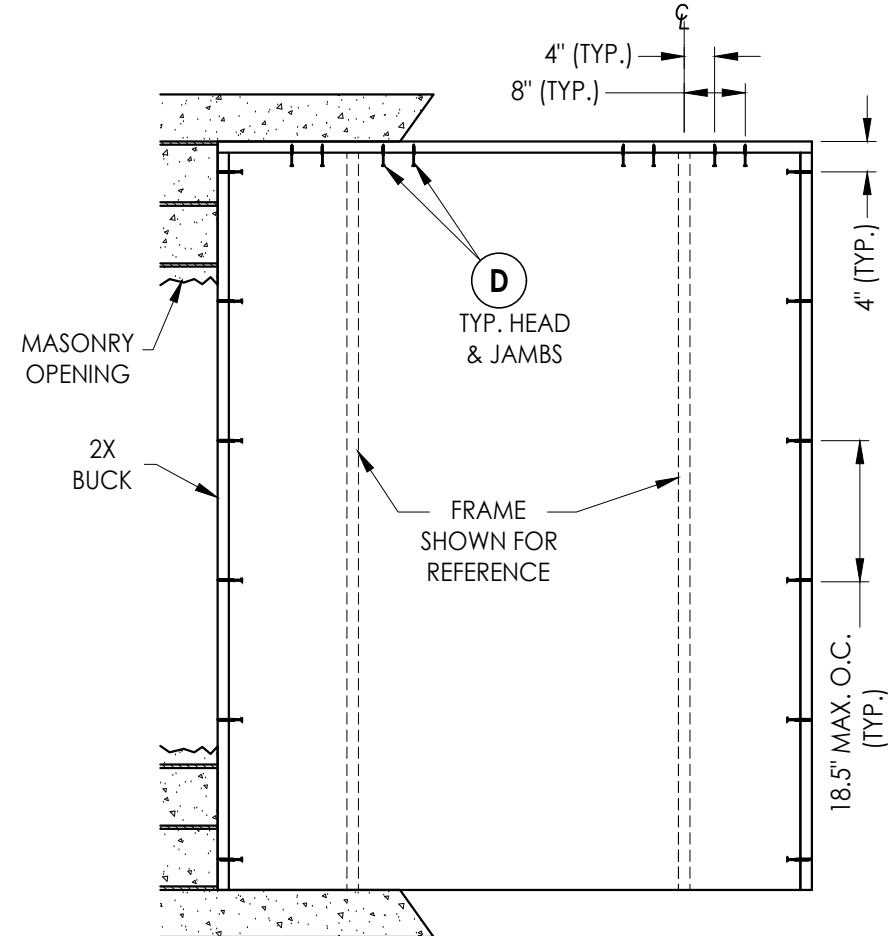
DATE:	04/14/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15209.6
SHEET	9 OF 12



X



XO/OX



OXO

2X BUCK ANCHORING

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"

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:

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/16/22	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-15209.6

SHEET 10 OF 12

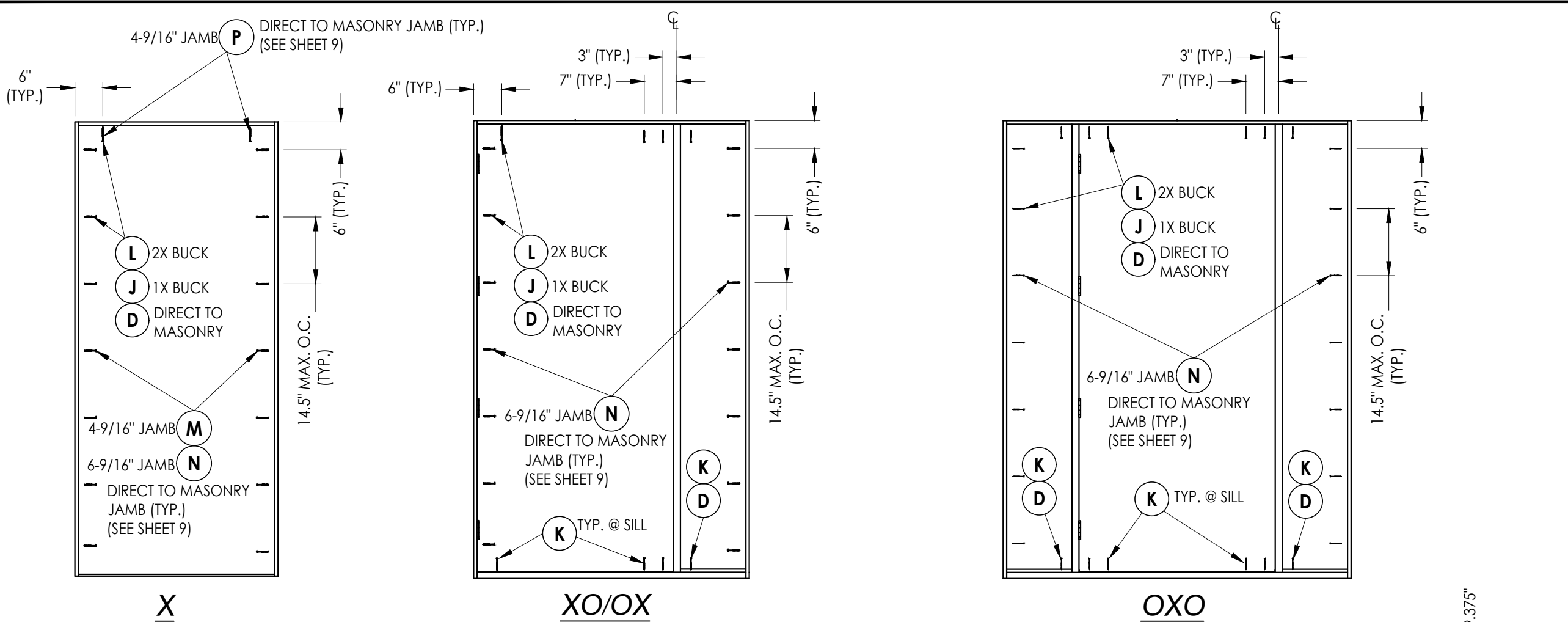
SHEET 10 OF 12

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

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

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FRAME ANCHORING

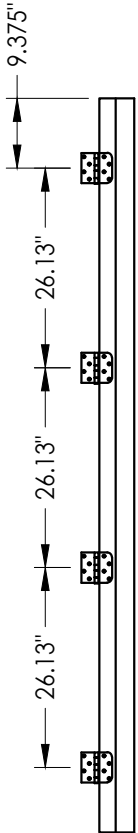
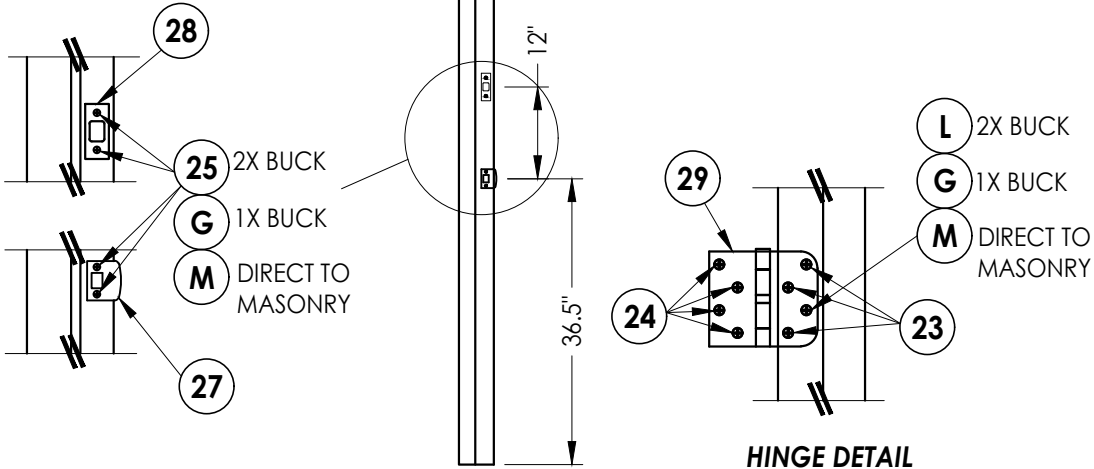
CONCRETE ANCHOR NOTES:

- 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 ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

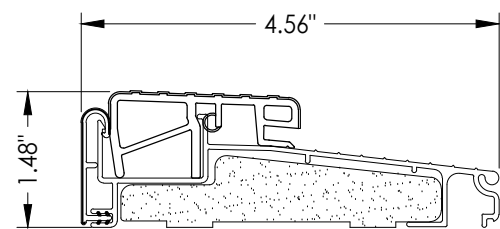
WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

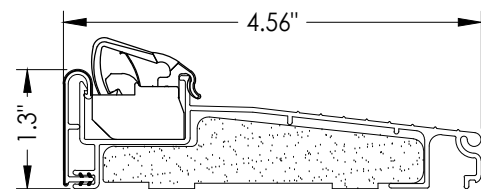


PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		FRAME ANCHORING		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/16/22	REVISE 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-15209.6					
SHEET 11 OF 12					

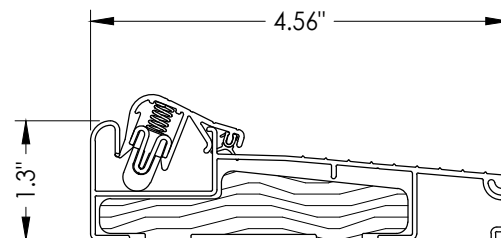
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD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



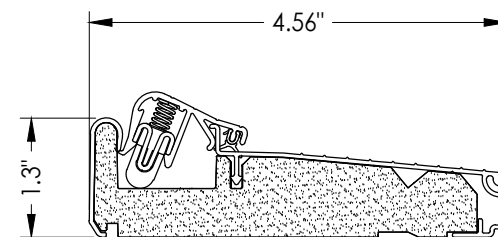
33 OUTSWING THRESHOLD



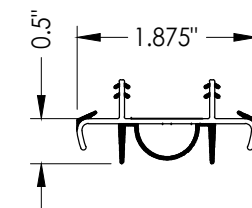
34 **INSWING THRESHOLD**
Endura (Articulating)
ALUM/COMP/VINYL



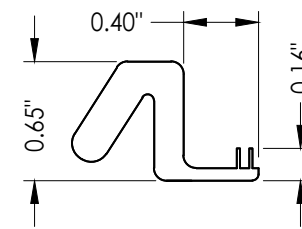
31 **INSWING THRESHOLD**
Endura (Articulating)
ALUM/WOOD



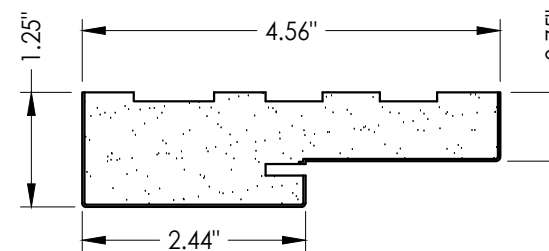
32 **INSWING THRESHOLD**
Endura (Articulating)
ALUM/COMP



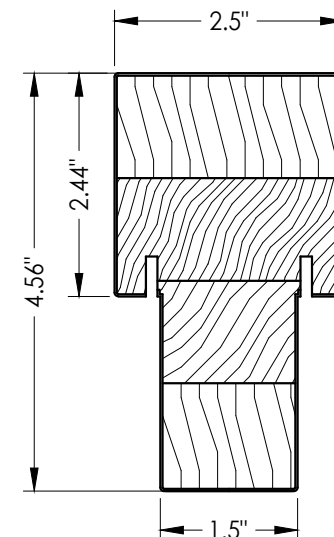
8 DOOR BOTTOM SWEEP
(Articulating)



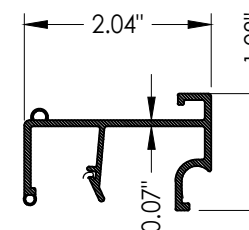
7 WEATHERSTRIP
Endura Force 5



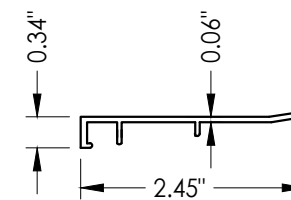
1 POLY FIBER JAMB



3 MULLION
Endura



38 SIDELITE ADAPTER



39 SIDELITE ADAPTER

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	NO.	DATE			BY

DATE: 04/14/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15209.6

SHEET 12 OF 12

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

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197

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