

DIRECT GLAZED FIBERGLASS DOORS
SINGLES w/ SIDELITE(S)
INSWING / OUTSWING
"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.

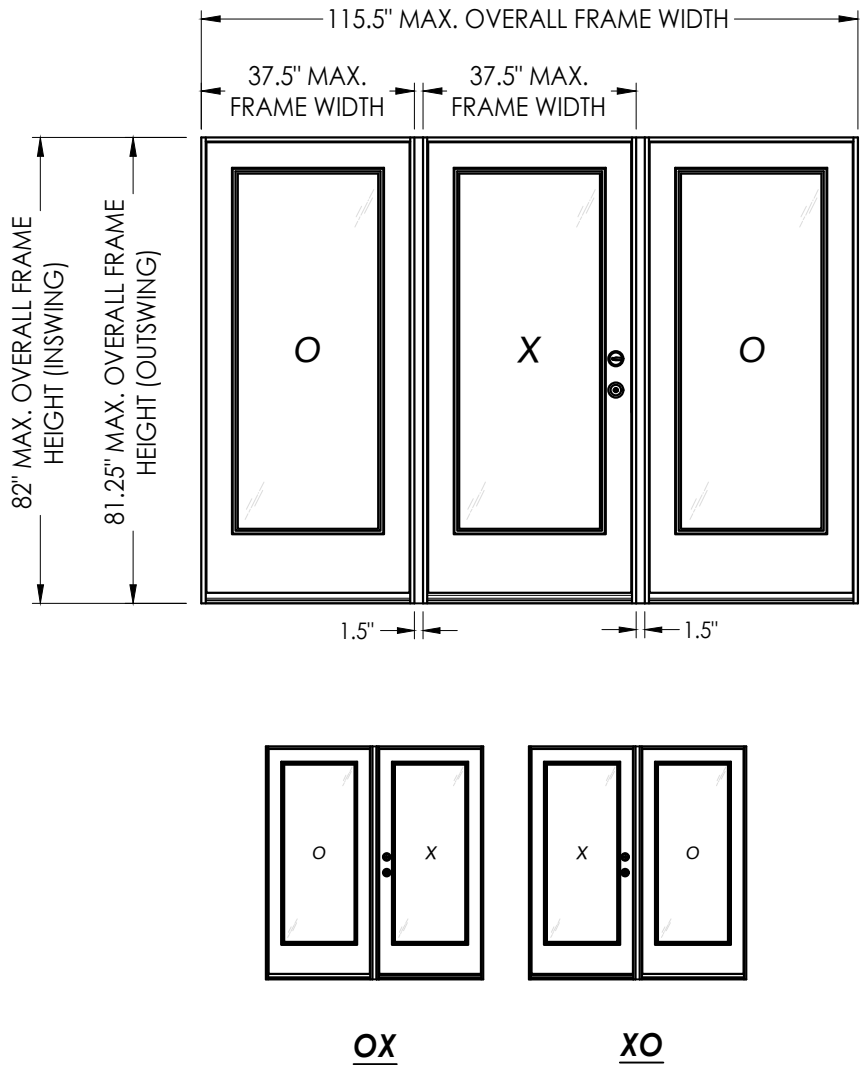
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

When used in areas requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level D and includes Wind Zone 3 as defined in ASTM E1996.
4.

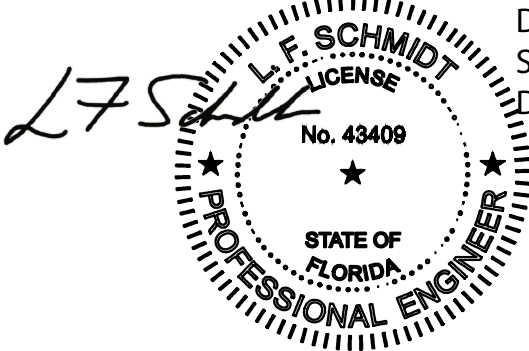
For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5.

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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CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX/XO	76.5" x 82.0"	+45.0	-50.0	+45.0	-45.0
OXO	115.5" x 82.0"	+45.0	-50.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 14:03:53 -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

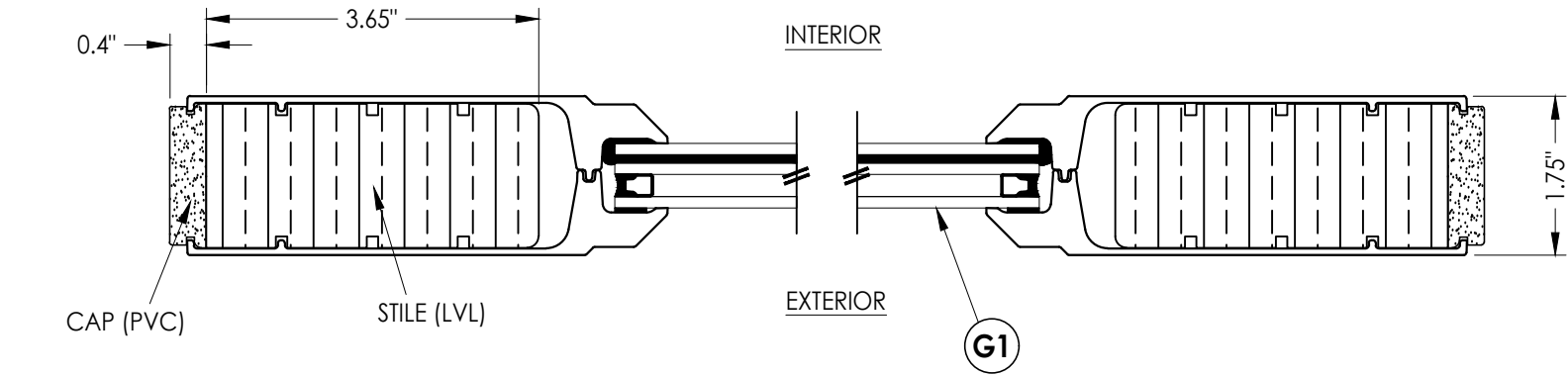
Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE: 10/14/19
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-28685.11
SHEET 1 OF 14

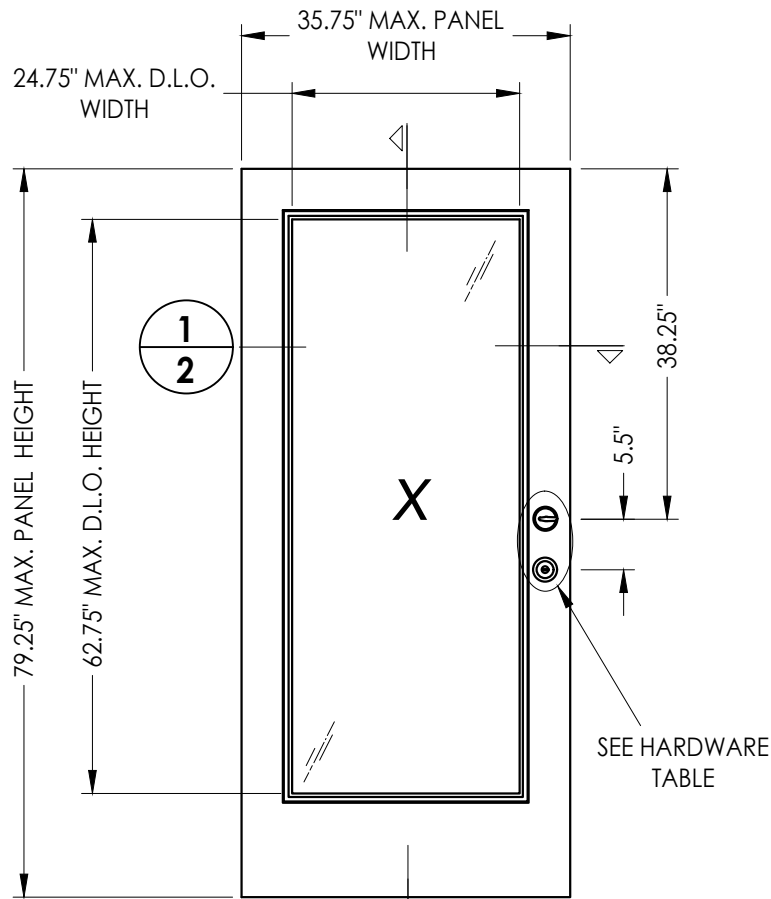
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

REVISIONS

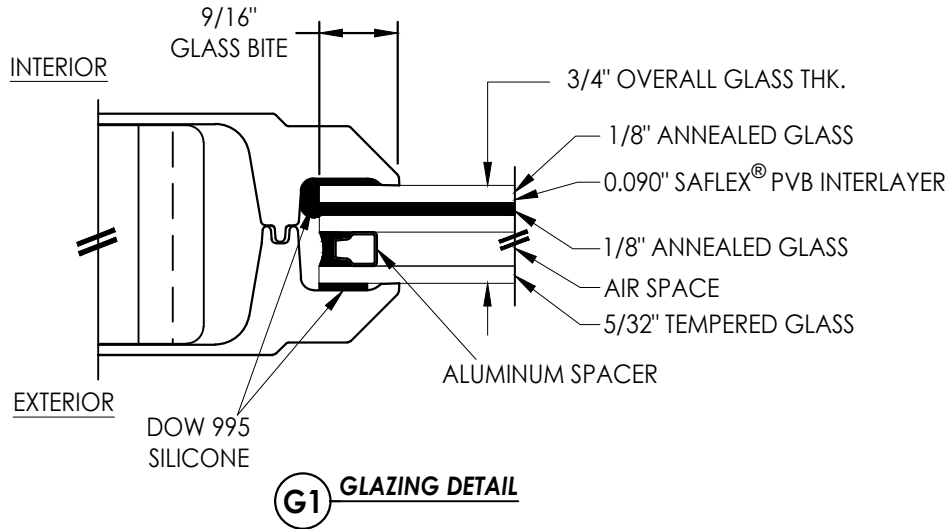
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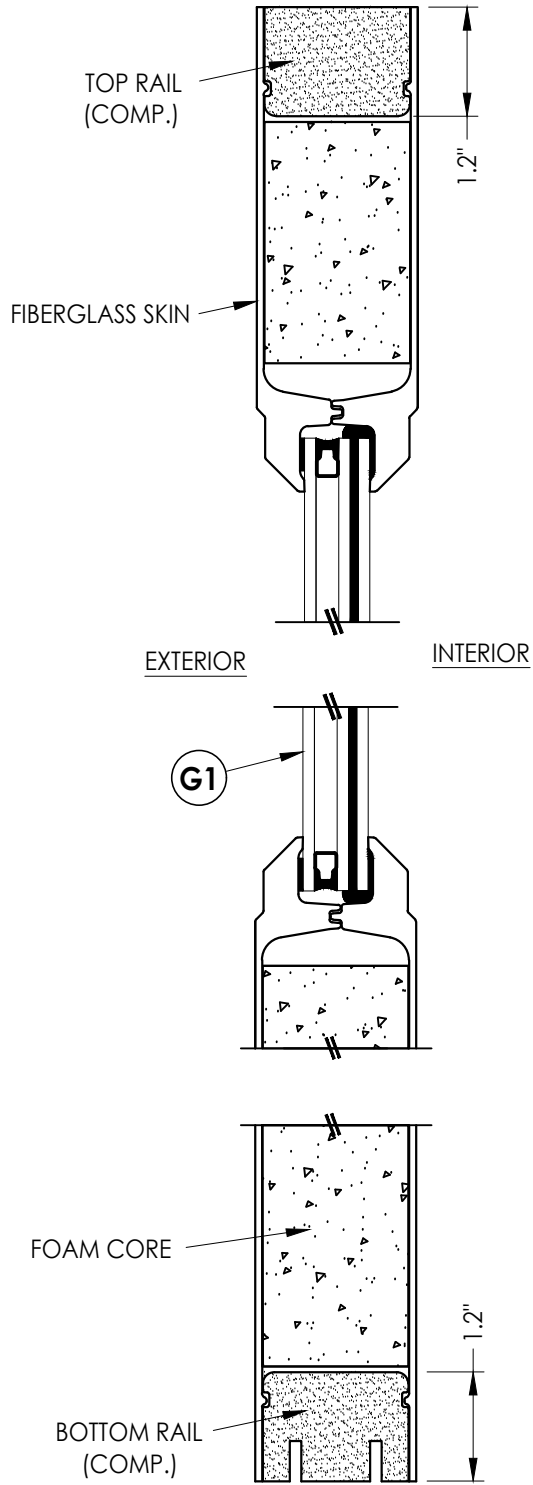
1
2 HORIZONTAL CROSS SECTION



- 40 PLASTPRO DOOR PANEL
50 PLASTPRO SIDELITE PANEL



HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	Knob:	YH COLLECTION
	Deadbolt:	YH COLLECTION
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F-SERIES (F51)
	Deadbolt:	B-SERIES (B60)



2
2 VERTICAL CROSS SECTION

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

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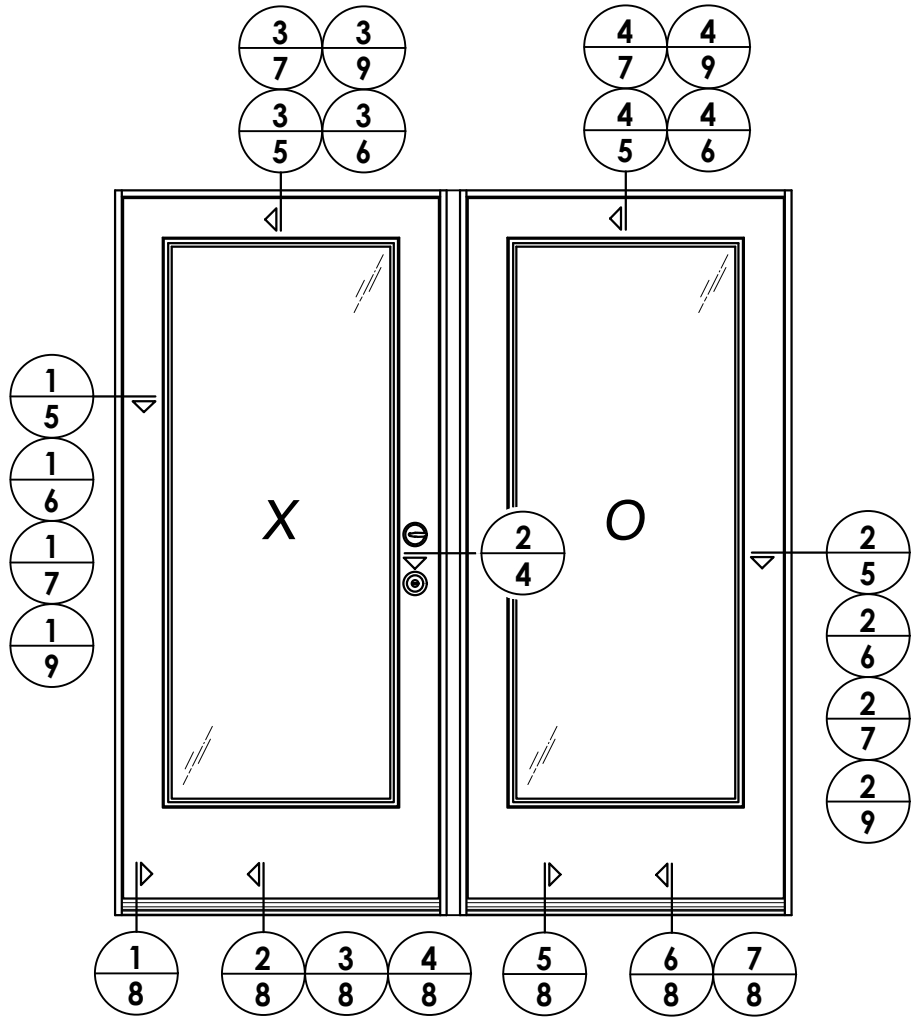
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR & SIDELITE
PANEL DETAILS

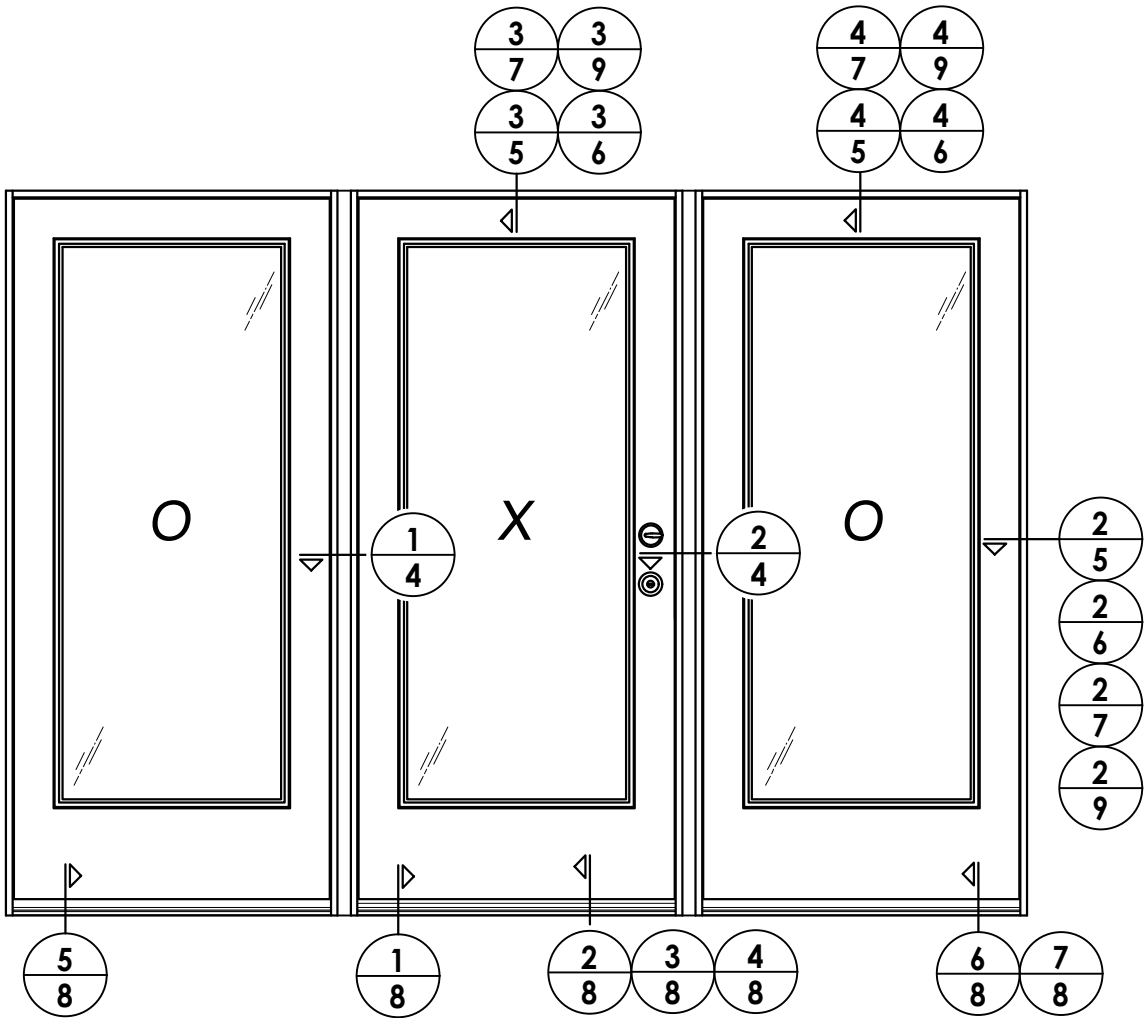
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NO.	DATE	BY	
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2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC LFS

DATE: 10/14/19
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-28685.11
SHEET 2 OF 14

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ELEVATION
XO / OX



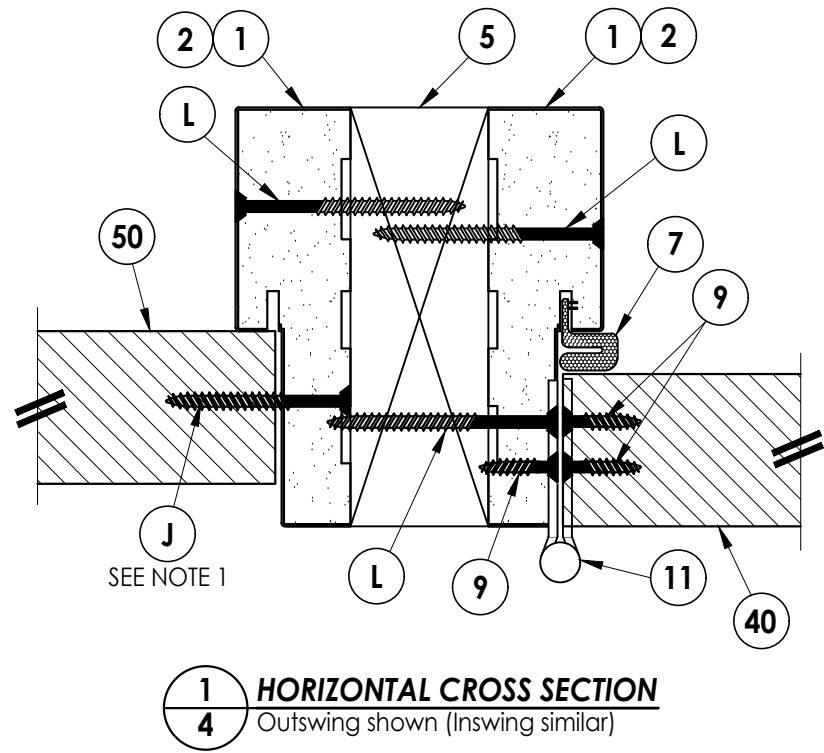
ELEVATION
OXO

PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	REVISIONS	
		LFS	BY
		FBC	
		FBC	

DATE: 10/14/19	
SCALE: N.T.S.	
DWG. BY: TRJ	
CHK. BY: LFS	
DRAWING NO.: FL-28685.11	
SHEET 3 OF 14	

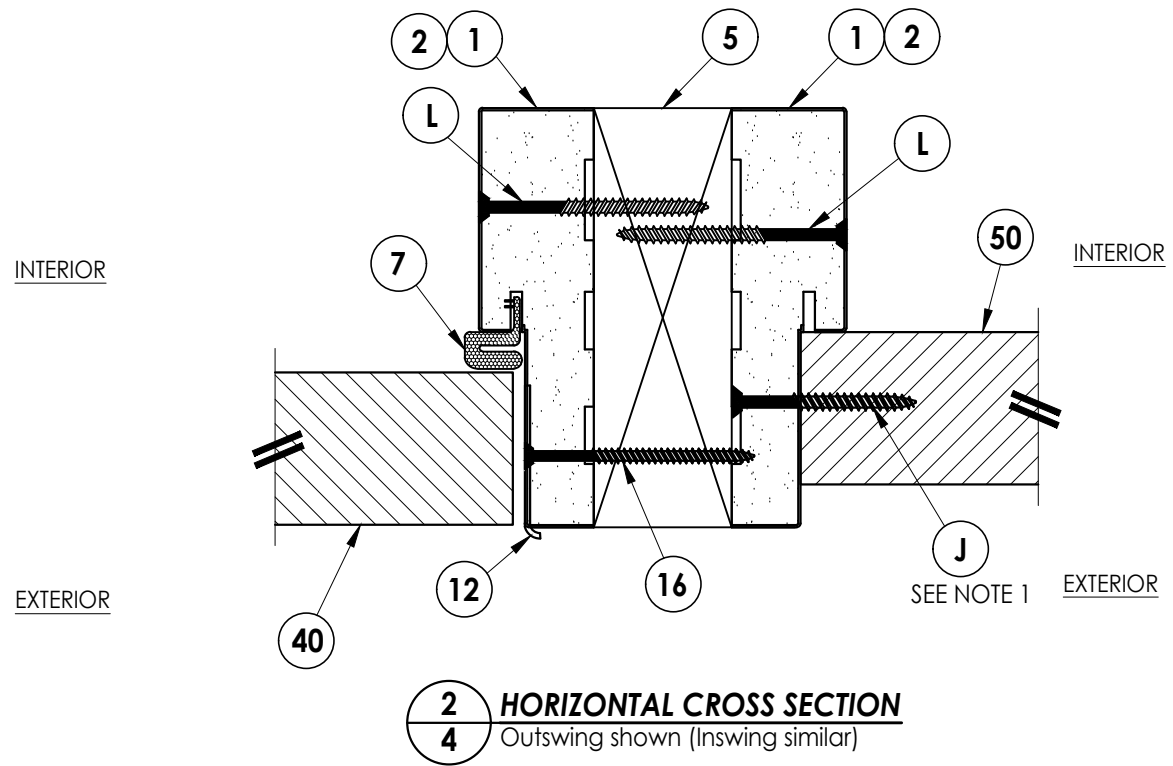
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NOTE:

1. Spacing for item J: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).

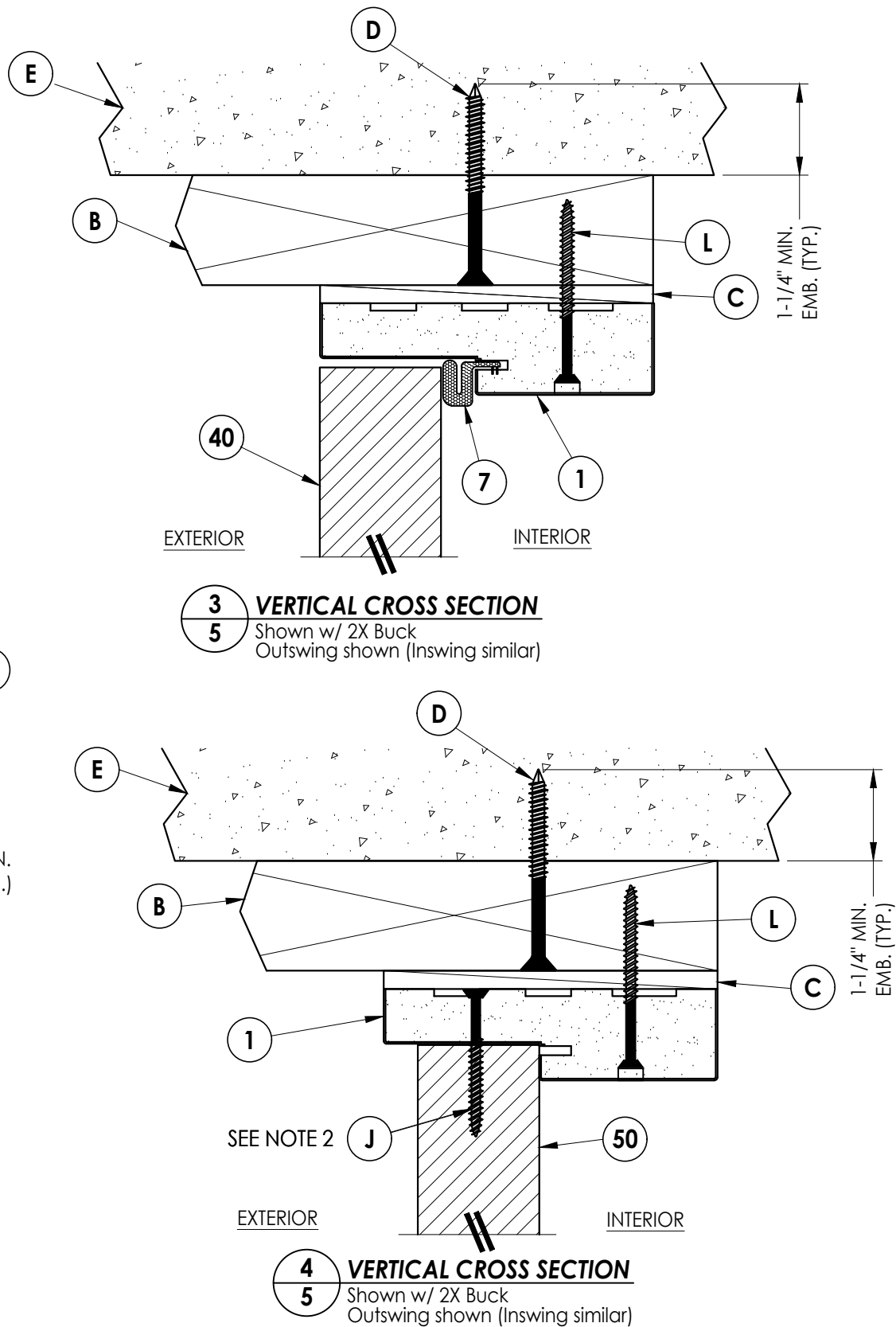
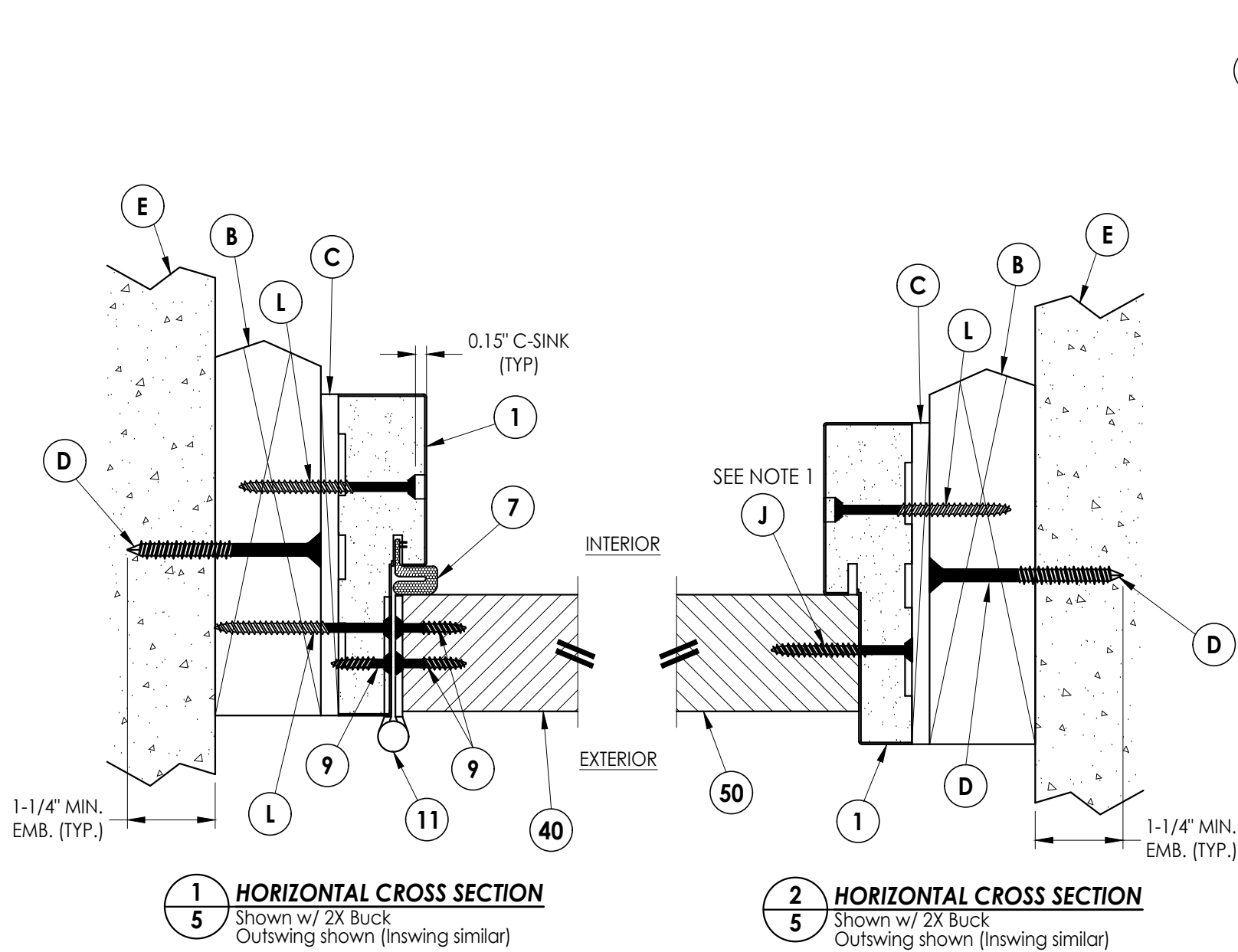


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LFS	FBC	(2023)	UPDATE TO 8TH ED.	8/10/23	2		
LFS	FBC	(2020)	UPDATE TO 7TH ED.	7/23/20	1		
BY				DATE	NO.		
REVISIONS							
DATE: 10/14/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-28685.11							
SHEET	4	OF	14				

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PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

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

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

DATE: 10/14/19

SCALE: N.T.S.

DWG. BY: TRJ

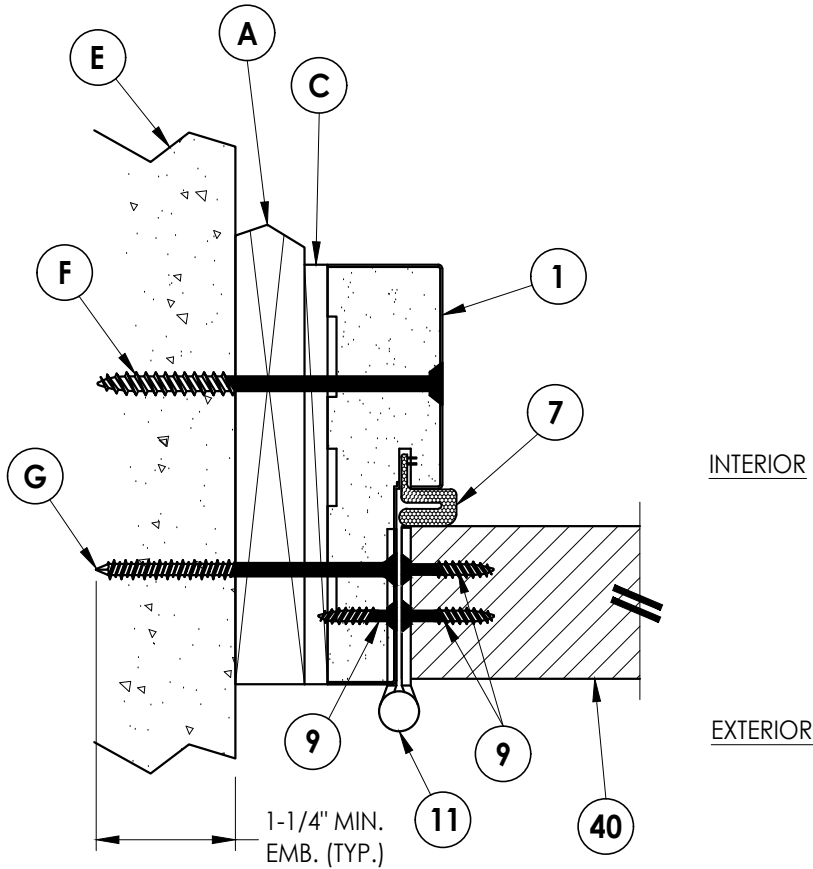
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DRAWING NO.: FL-28685.11

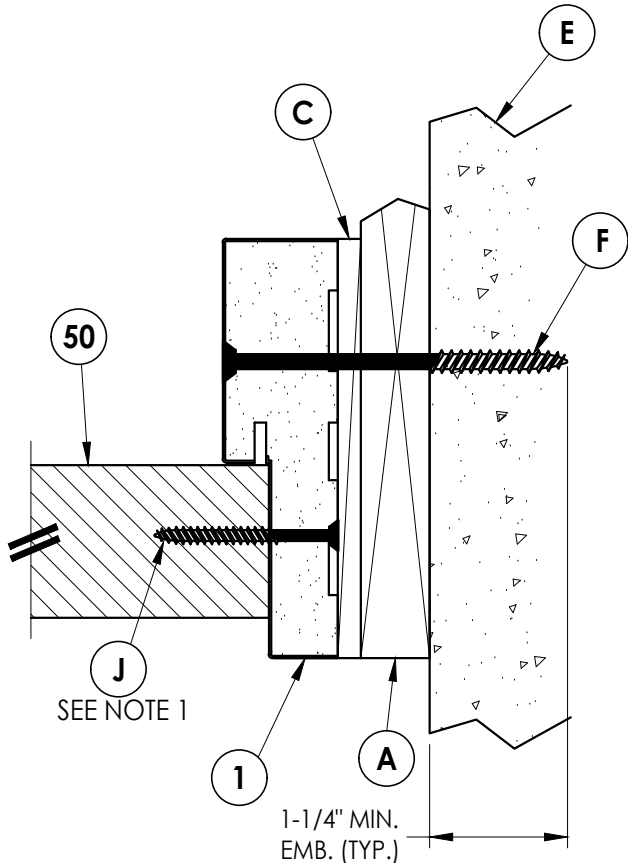
SHEET 5 OF 14

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Phone No.: 813.659.9197
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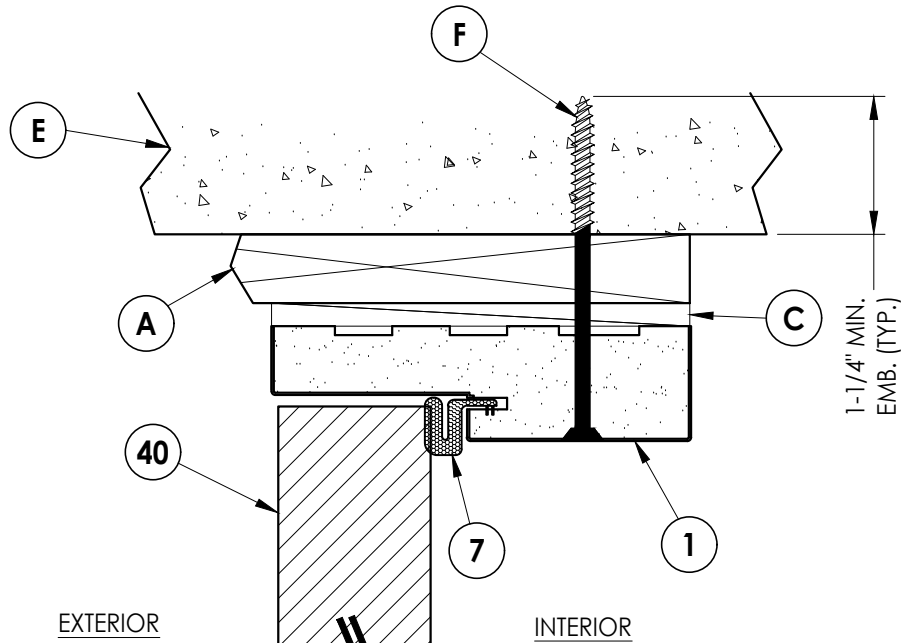
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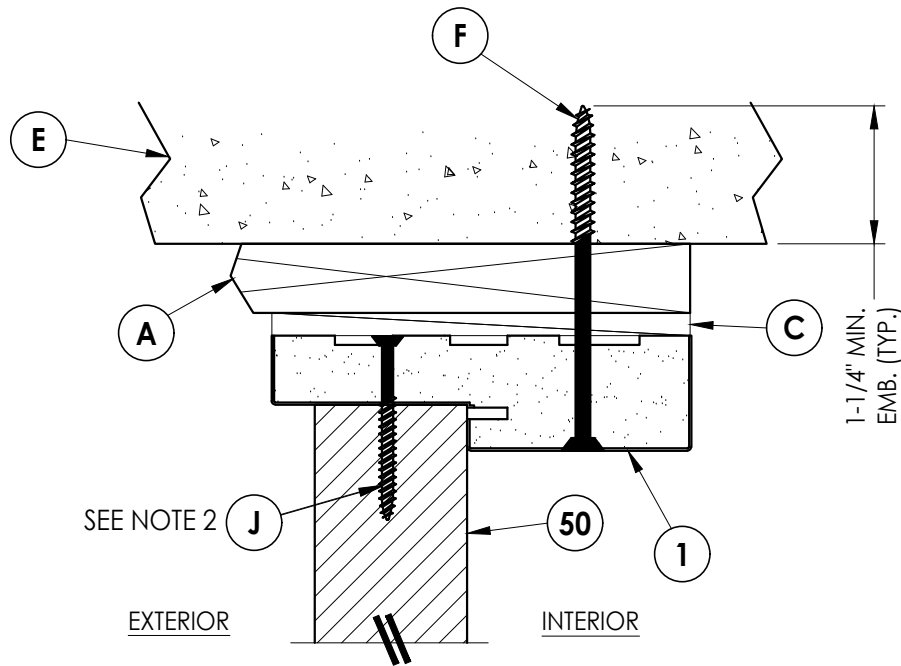
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



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



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



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

NOTES:

1. Spacing for item J: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).

Documents Prepared By:
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PRODUCT: **PLASTPRO INC
FIBERGLASS DOOR**

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)**

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

DATE: 10/14/19

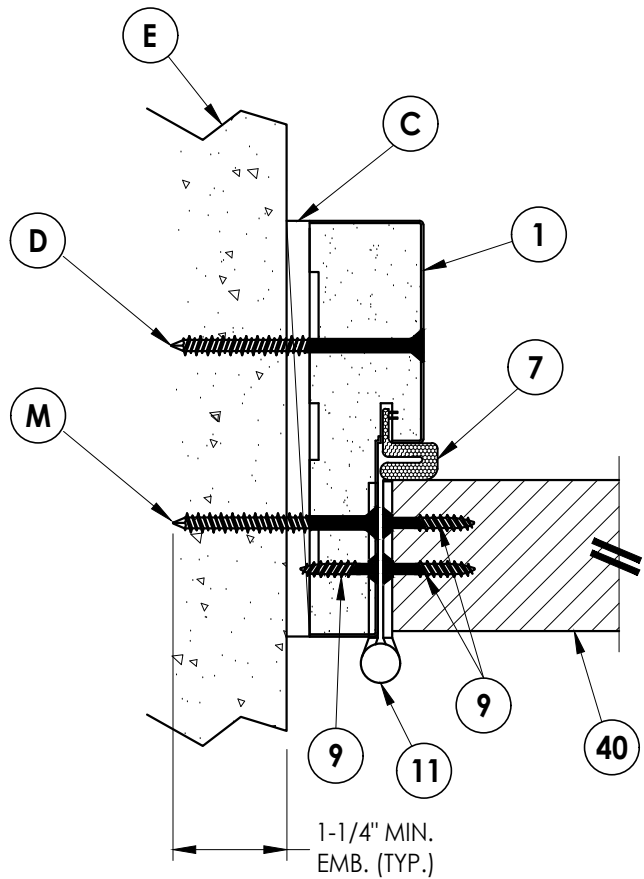
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DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.11

SHEET 6 OF 14

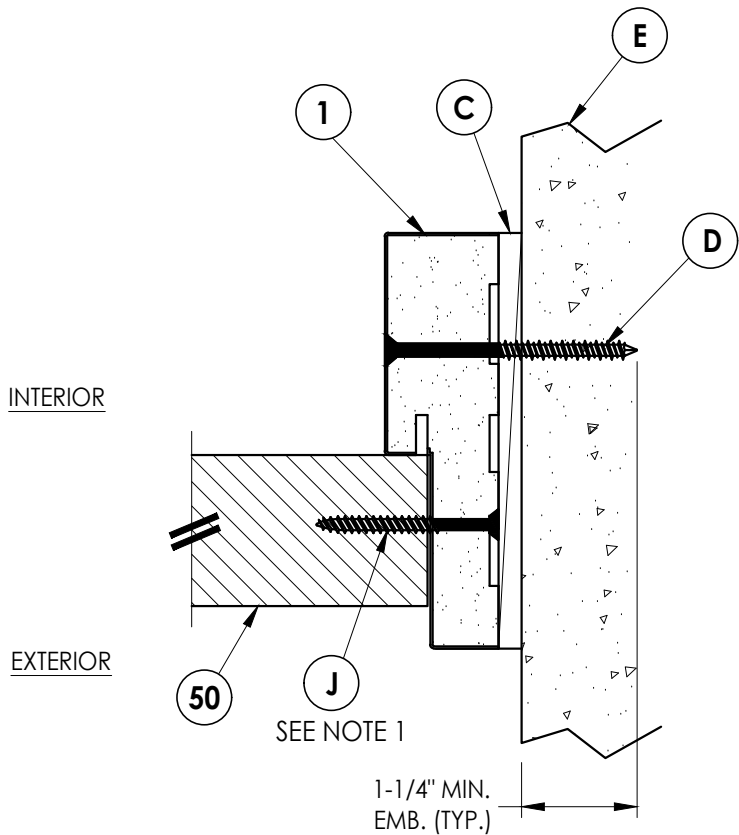


1 7 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)

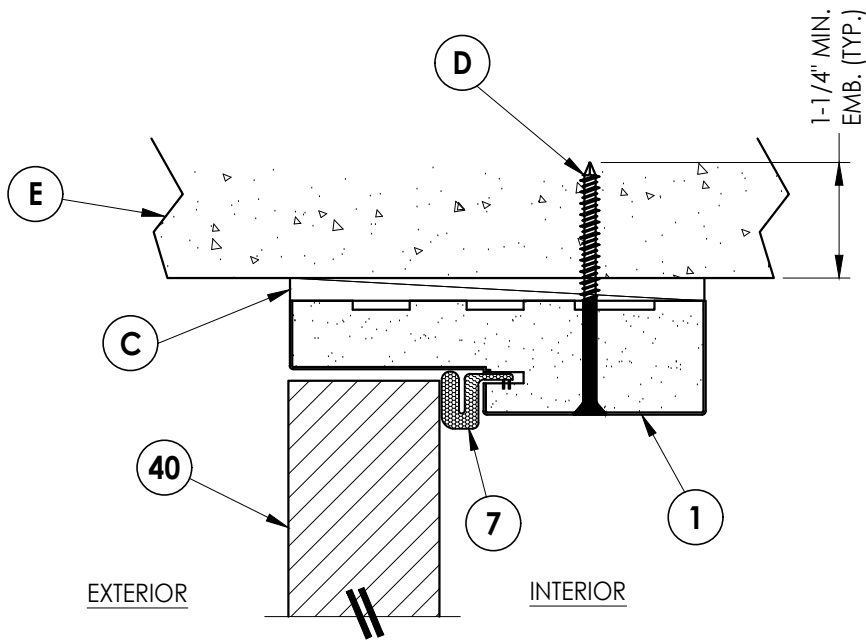
NOTES:

1. Spacing for item J: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).

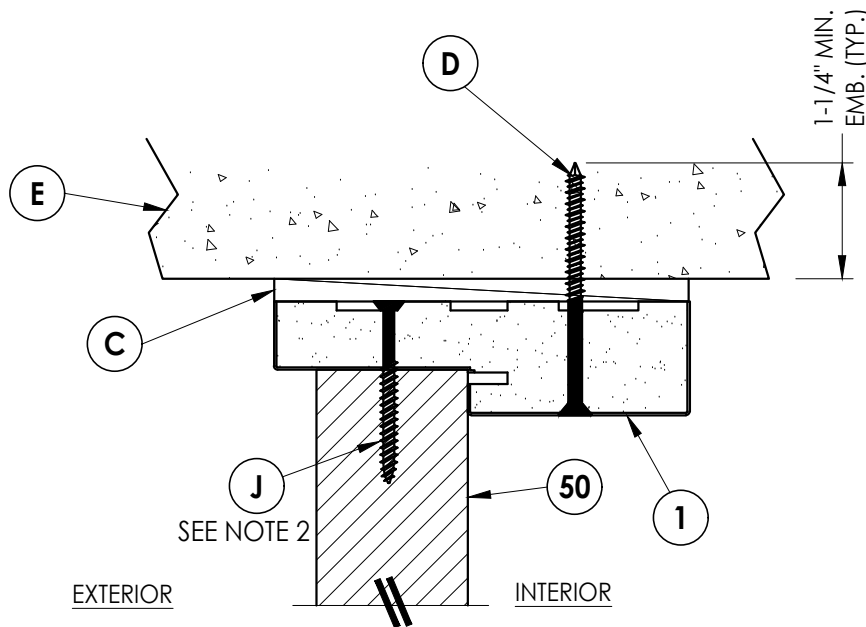


2 HORIZONTAL CROSS SECTION

7 Shown Direct to Masonry
Outswing shown (Inswing similar)



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



4 VERTICAL CROSS SECTION

7 Shown Direct to Masonry
Outswing shown (Inswing similar)

[illegible]

DATE: 10/14/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.1

SHEET 7 OF 14

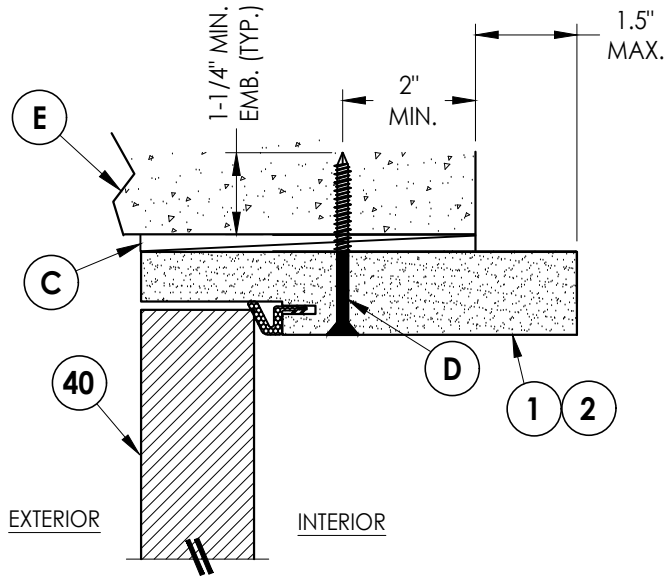
PRODUCT:

PLASTPRO INC
FIBERGLASS DOOR

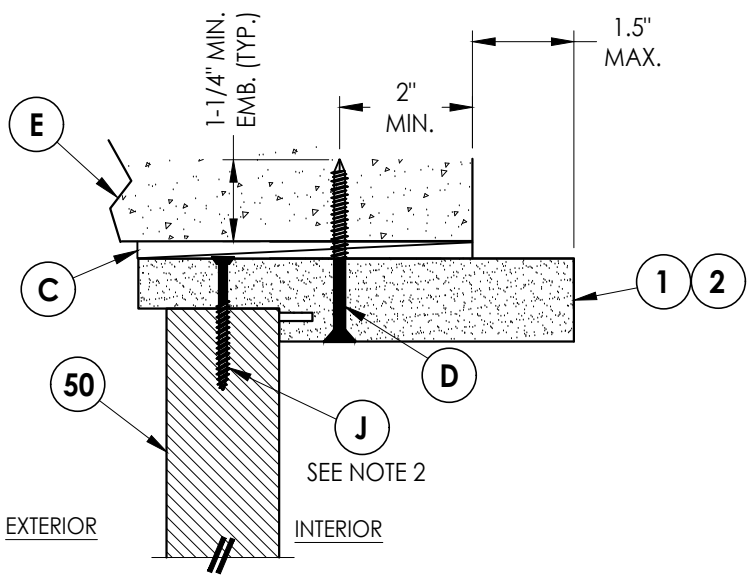
Documents Prepared By:
Lyndon F. Schmidt
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PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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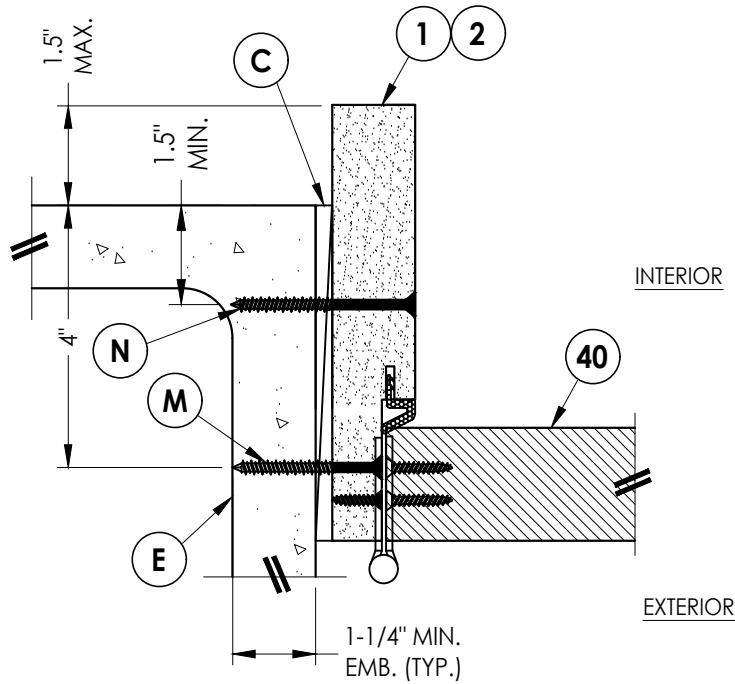


3
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

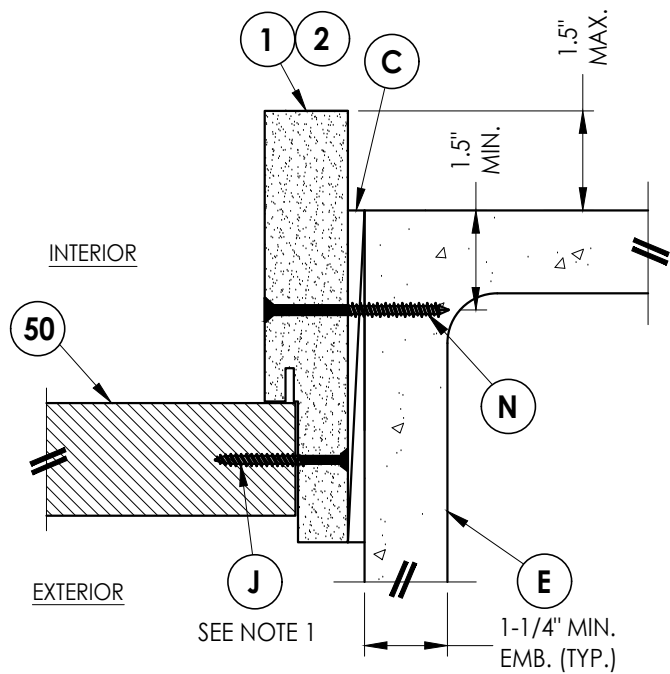


4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

- NOTES:
1. Spacing for item J: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
 2. Spacing for item J @ head & sill: 6" from ends (2 total).



1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

Documents Prepared By:
Lyndon F. Schmidt
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Phone No.: 813.659.9197
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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: 10/14/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

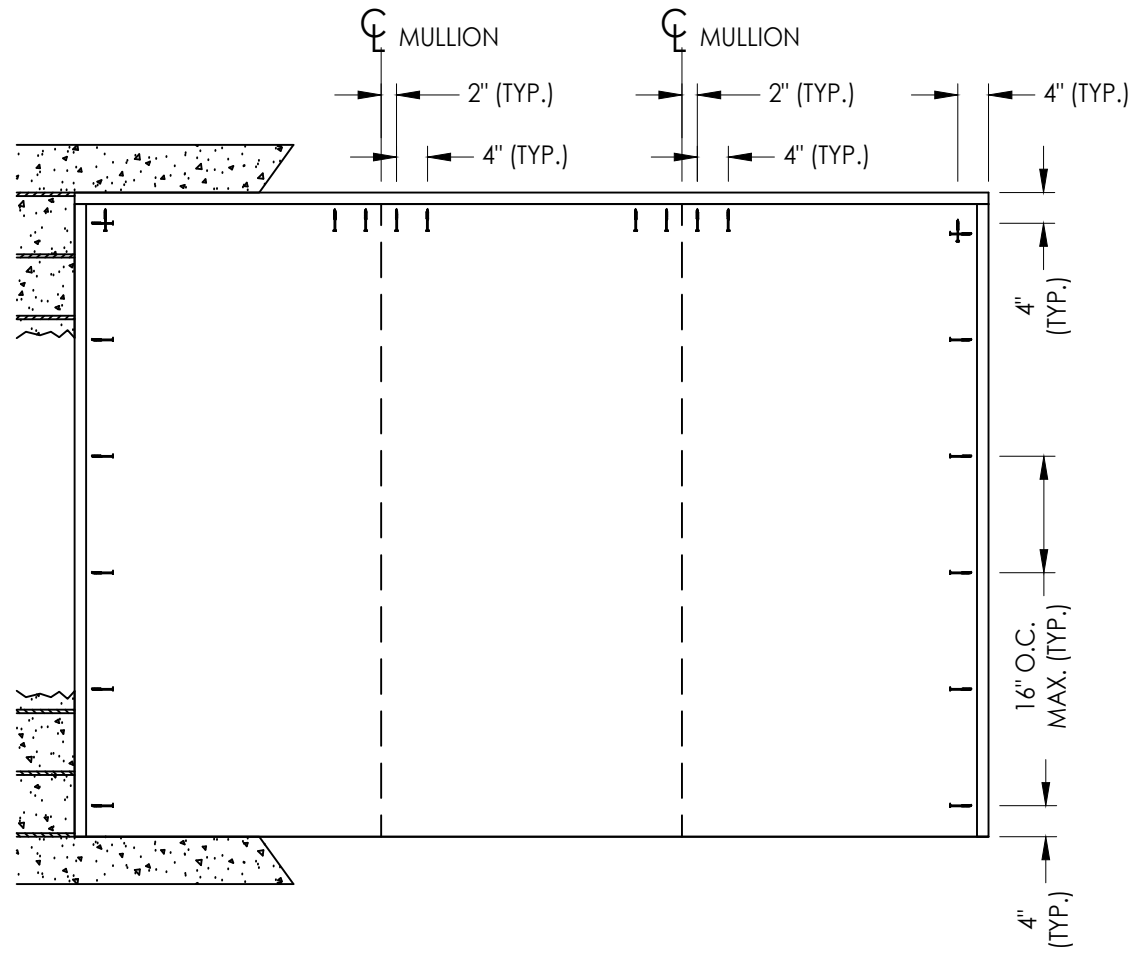
DRAWING NO.:

FL-28685.11

SHEET 9 OF 14

XO / OX

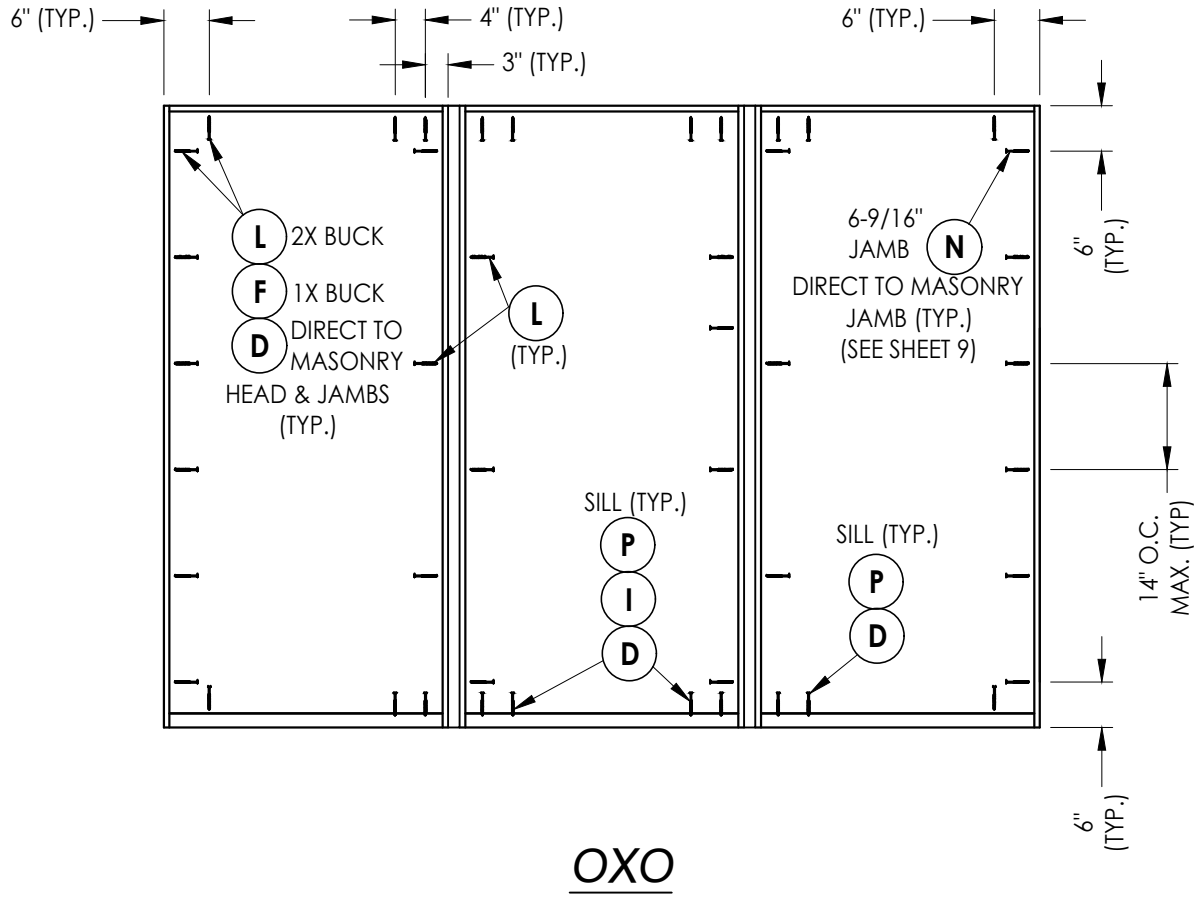
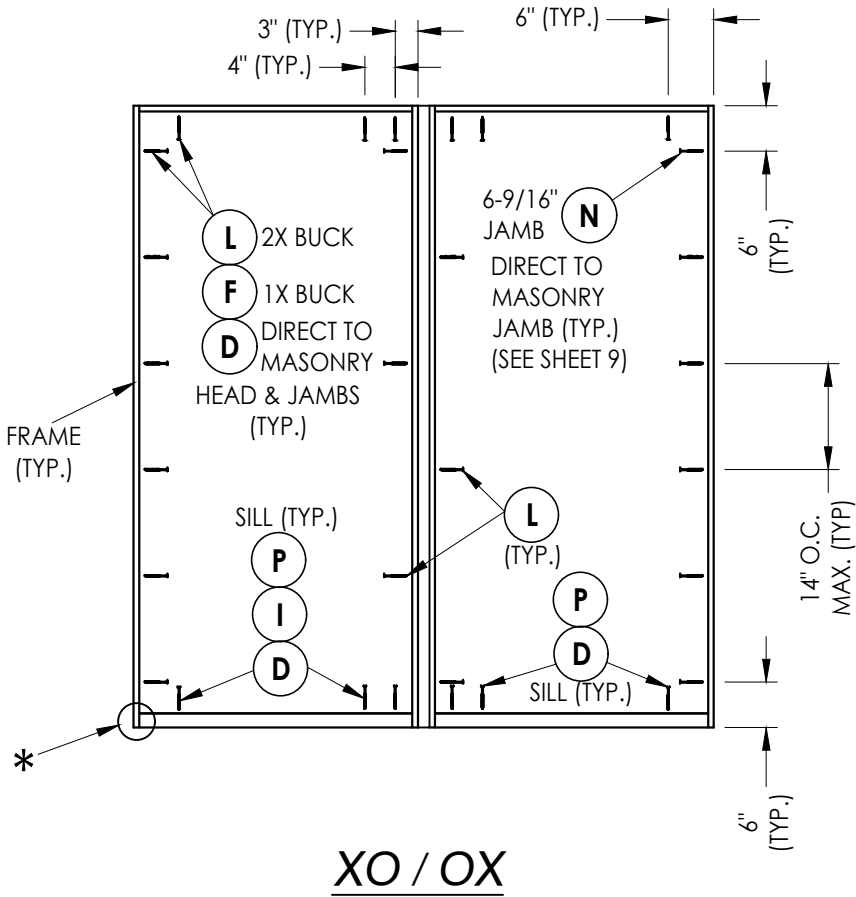
2X BUCK ANCHORING



OXO

[illegible]

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FRAME ANCHORING

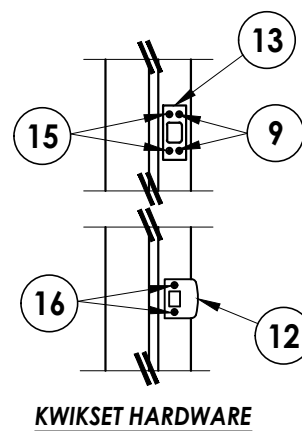
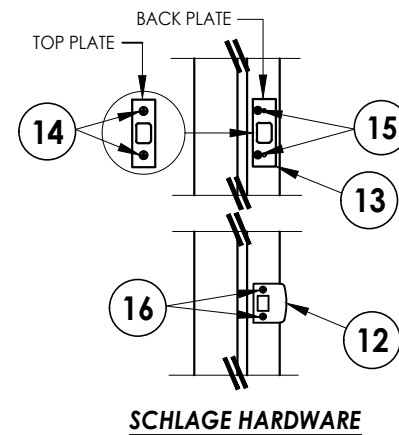
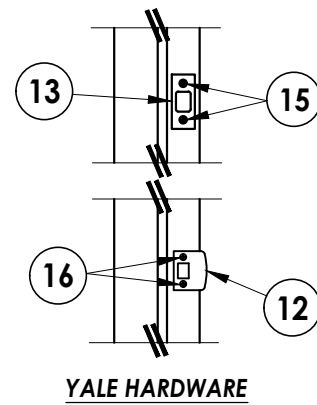
*NOTE: FRAME CORNERS ATTACHED w/
(3) #10 X 2-1/2" FH WOOD SCREWS (TYP.)

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC FIBERGLASS DOOR		FRAME ANCHORING	
		UPDATE TO 9TH ED. (2026)	FBC LFS
		UPDATE TO 8TH ED. (2023)	FBC LFS
		UPDATE TO 7TH ED (2020)	FBC LFS
		NO. DATE	BY

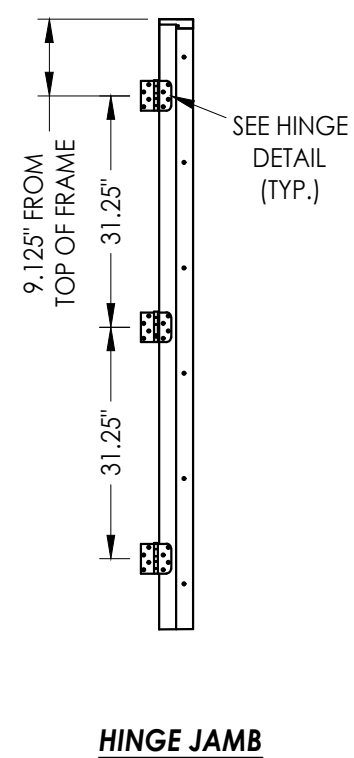
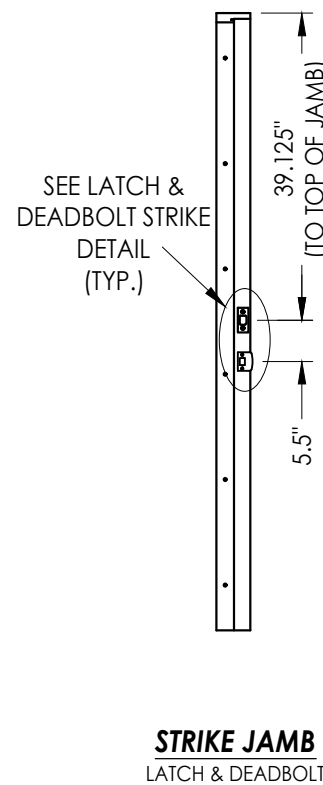
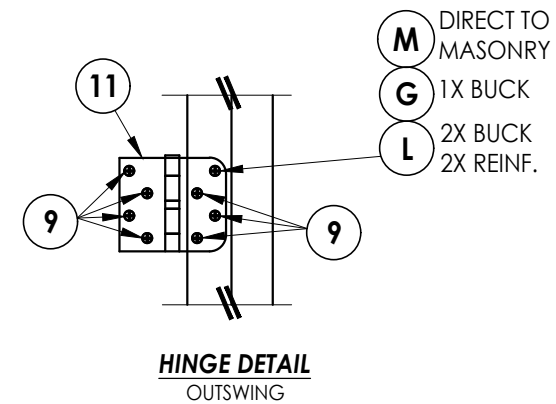
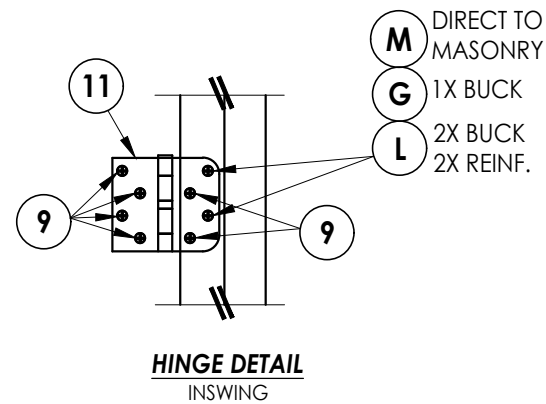
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SCALE:	N.T.S.
DWG. BY:	TRJ
CHK. BY:	LFS
DRAWING NO.:	FL-28685.11
SHEET	11 OF 14

Documents Prepared By:
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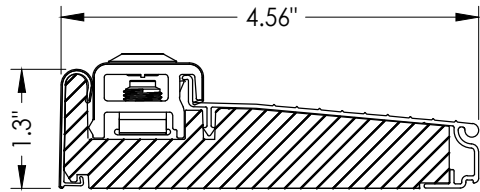
LATCH & DEADBOLT HARDWARE STRIKE DETAILS



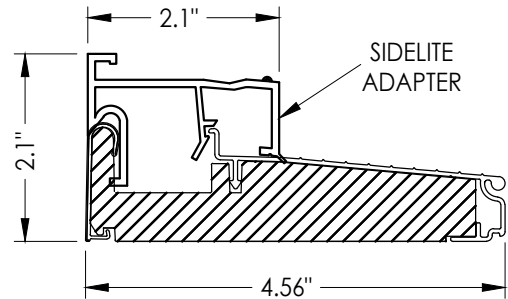
HARDWARE DETAILS

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 License No. 9813	
PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: HARDWARE DETAILS	
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
NO.	DATE		BY
REVISIONS			
DATE: 10/14/19			
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DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-28685.11			
SHEET 12 OF 14			

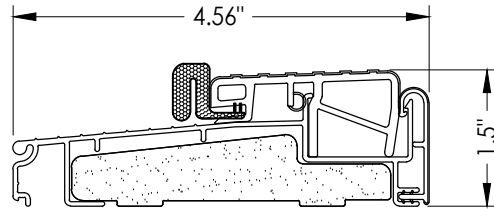
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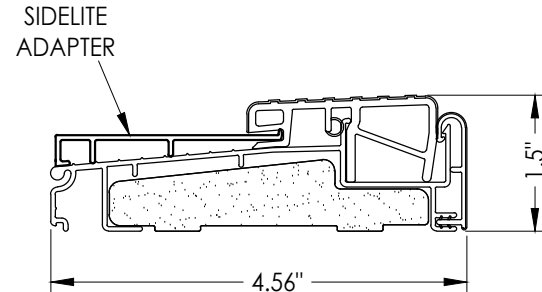
20 **INSWING THRESHOLD**
Endura (Z-Series)



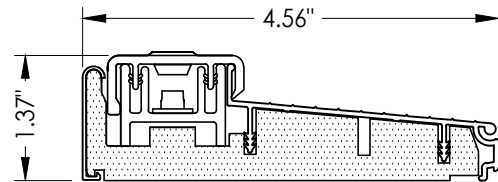
21 **INSWING THRESHOLD w/ SIDELITE ADAPTER**
Endura (Z-Series)



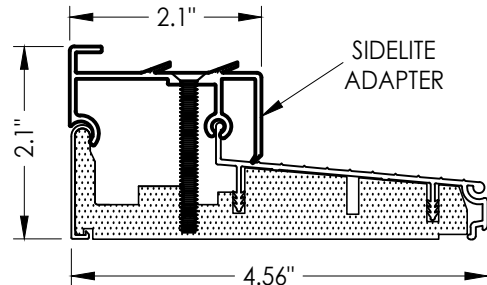
22 **OUTSWING THRESHOLD**
Endura (Z-Series)



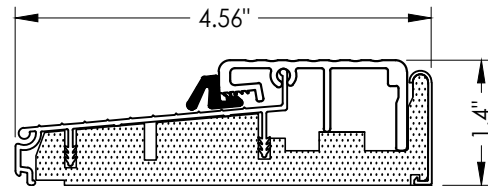
23 **OUTSWING THRESHOLD w/ SIDELITE ADAPTER**
Endura (Z-Series)



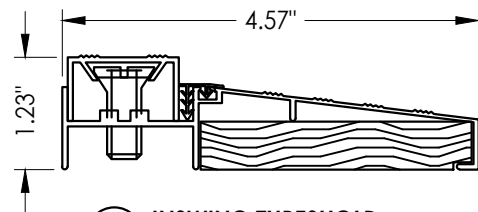
24 **INSWING THRESHOLD**
Columbia



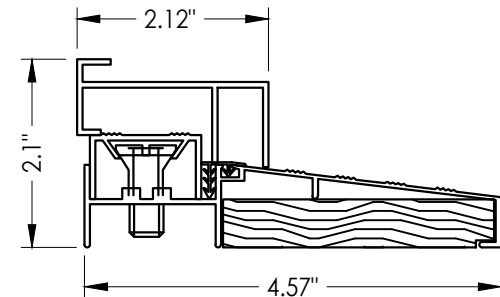
25 **INSWING THRESHOLD w/ SIDELITE ADAPTER**
Columbia



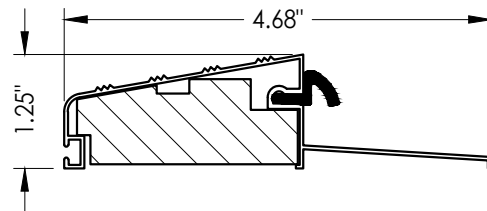
26 **OUTSWING THRESHOLD**
Columbia



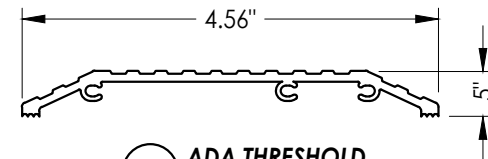
27 **INSWING THRESHOLD**
DLP Industries



28 **INSWING THRESHOLD w/ SIDELITE ADAPTER**
DLP Industries



29 **OUTSWING THRESHOLD**
DLP Industries



30 **ADA THRESHOLD**
DLP Industries

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 License No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
COMPONENTS

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: 10/14/19

SCALE: N.T.S.

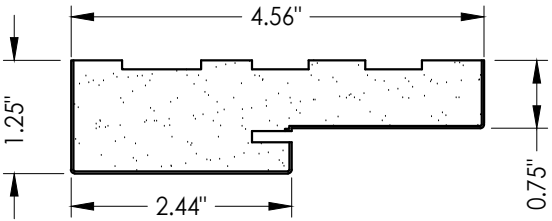
DWG. BY: TRJ

CHK. BY: LFS

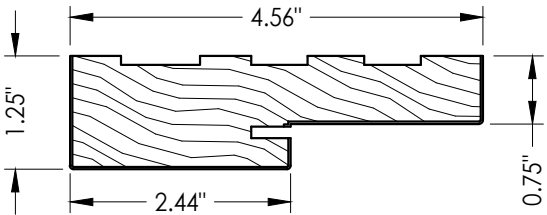
DRAWING NO.:
FL-28685.11

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH 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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	#10 X 2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP
2	FINGER JOINT PINE JAMB	WOOD
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP	FOAM
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	10-32 X 3/8" PFH MACHINE SCREW	STEEL
15	#12 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	INSWING THRESHOLD	ALUM/COMP
25	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
26	OUTSWING THRESHOLD	ALUM/COMP
27	INSWING THRESHOLD	ALUM/WOOD
28	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
29	OUTSWING THRESHOLD	ALUM/WOOD
30	ADA THRESHOLD	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-



1 POLY FIBER JAMB
Plastpro PF Jamb



2 FINGER JOINT PINE JAMB

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:

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 BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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

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