



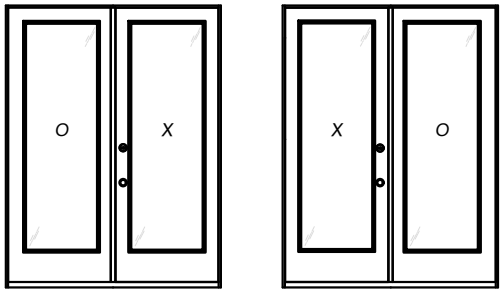
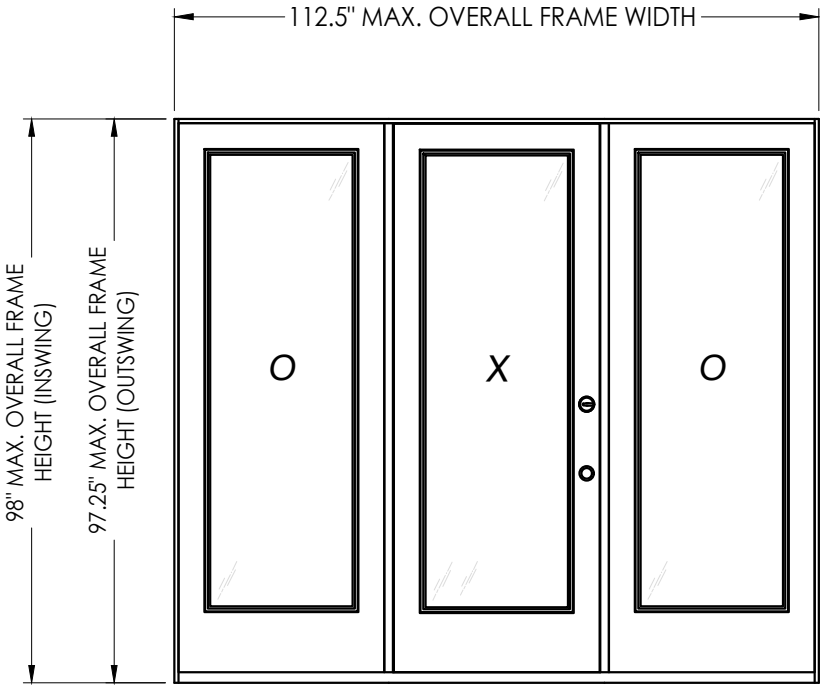
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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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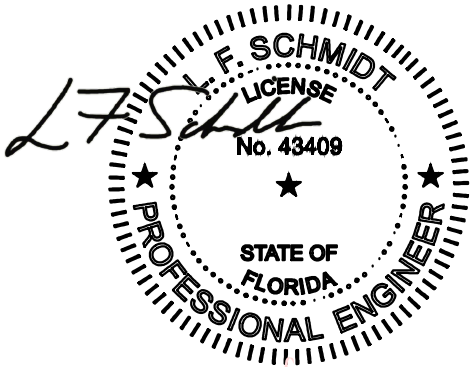


OX

XO

CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX/XO	75.0" x 98.0"	+45.0	-50.0	+45.0	-45.0
OXO	112.5" x 98.0"	+45.0	-50.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 14:04:33 -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

37/01/26UPDATE TO 9TH ED. (2026) FBC

28/10/23UPDATE TO 8TH ED. (2023) FBC

17/23/20UPDATE TO 7TH ED. (2020) FBC

NO. DATE

REVISIONS

DATE: 10/15/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

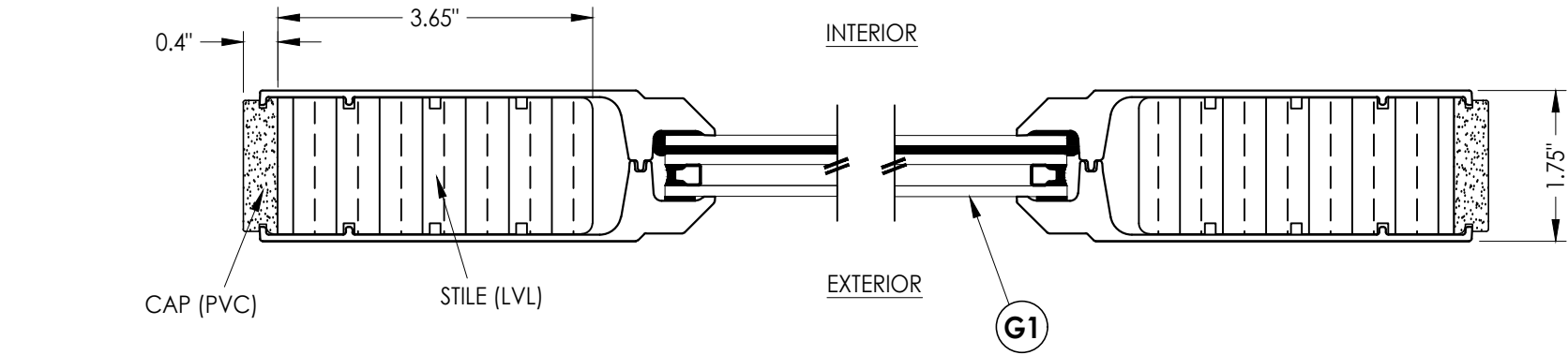
DRAWING NO.: FL-28685.16

SHEET 1 OF 13

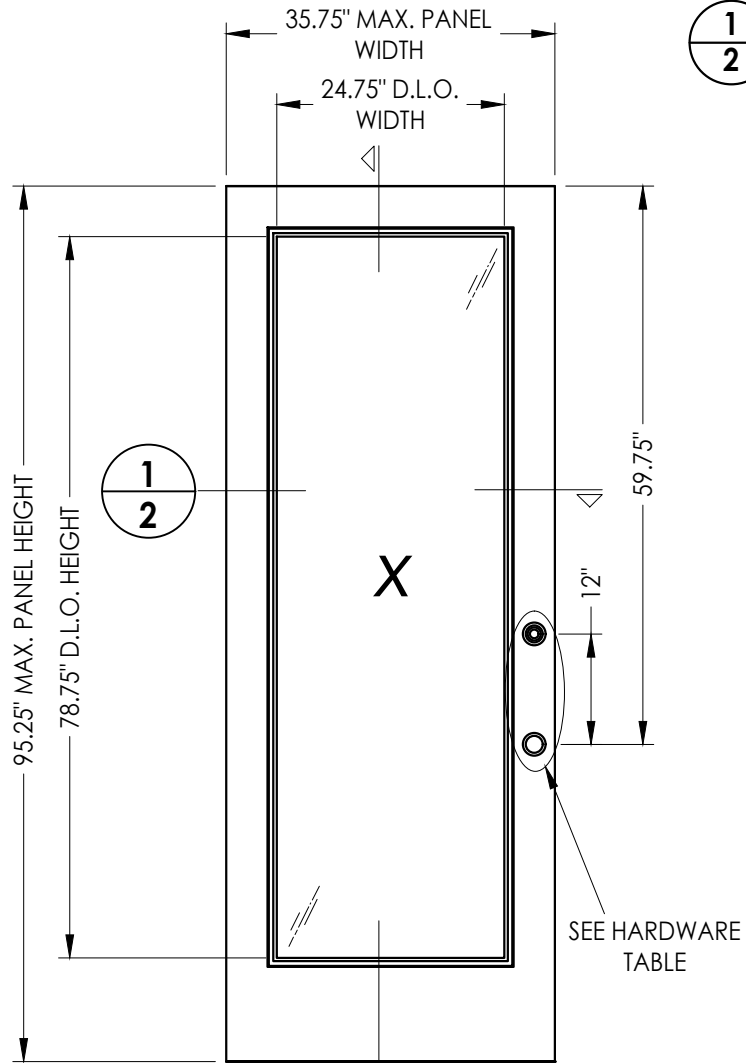
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1
2 **HORIZONTAL CROSS SECTION**

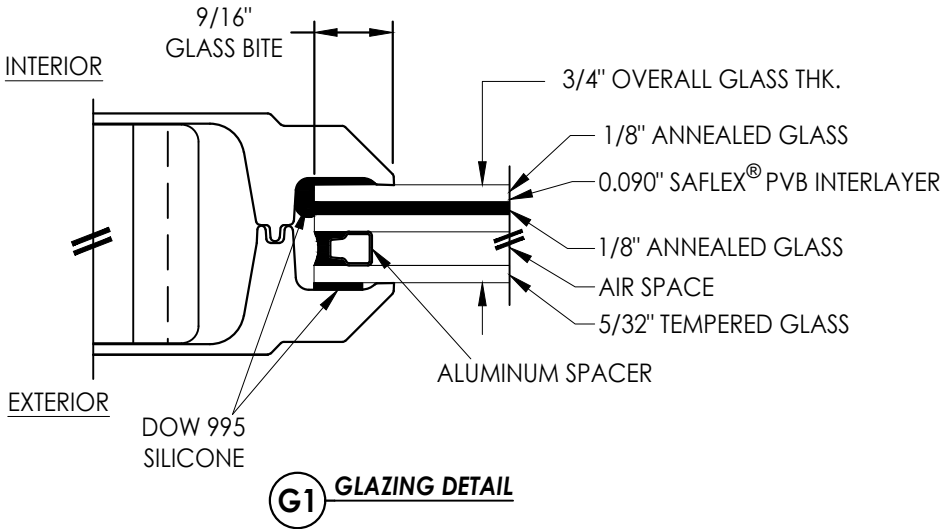


2
2

40 **PLASTPRO DOOR PANEL**

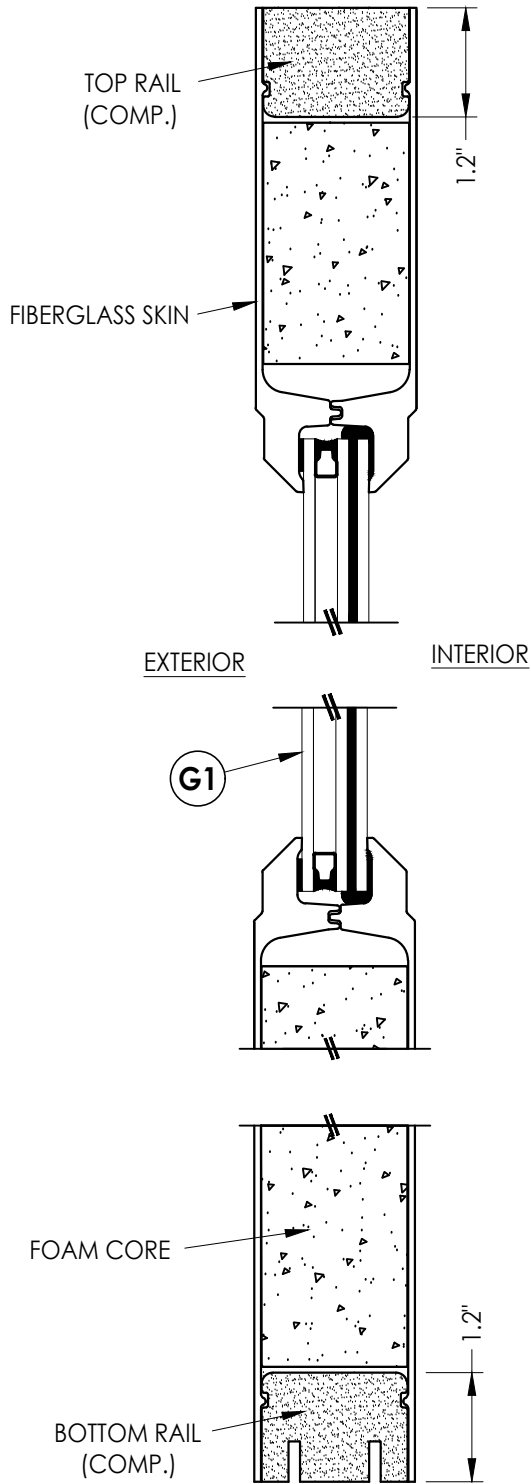
50 **PLASTPRO SIDELITE PANEL**

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



G1 **GLAZING DETAIL**

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**

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PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR & SIDELITE
PANEL DETAILS

REVISIONS			
NO.	DATE	BY	
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: 10/15/19

SCALE: N.T.S.

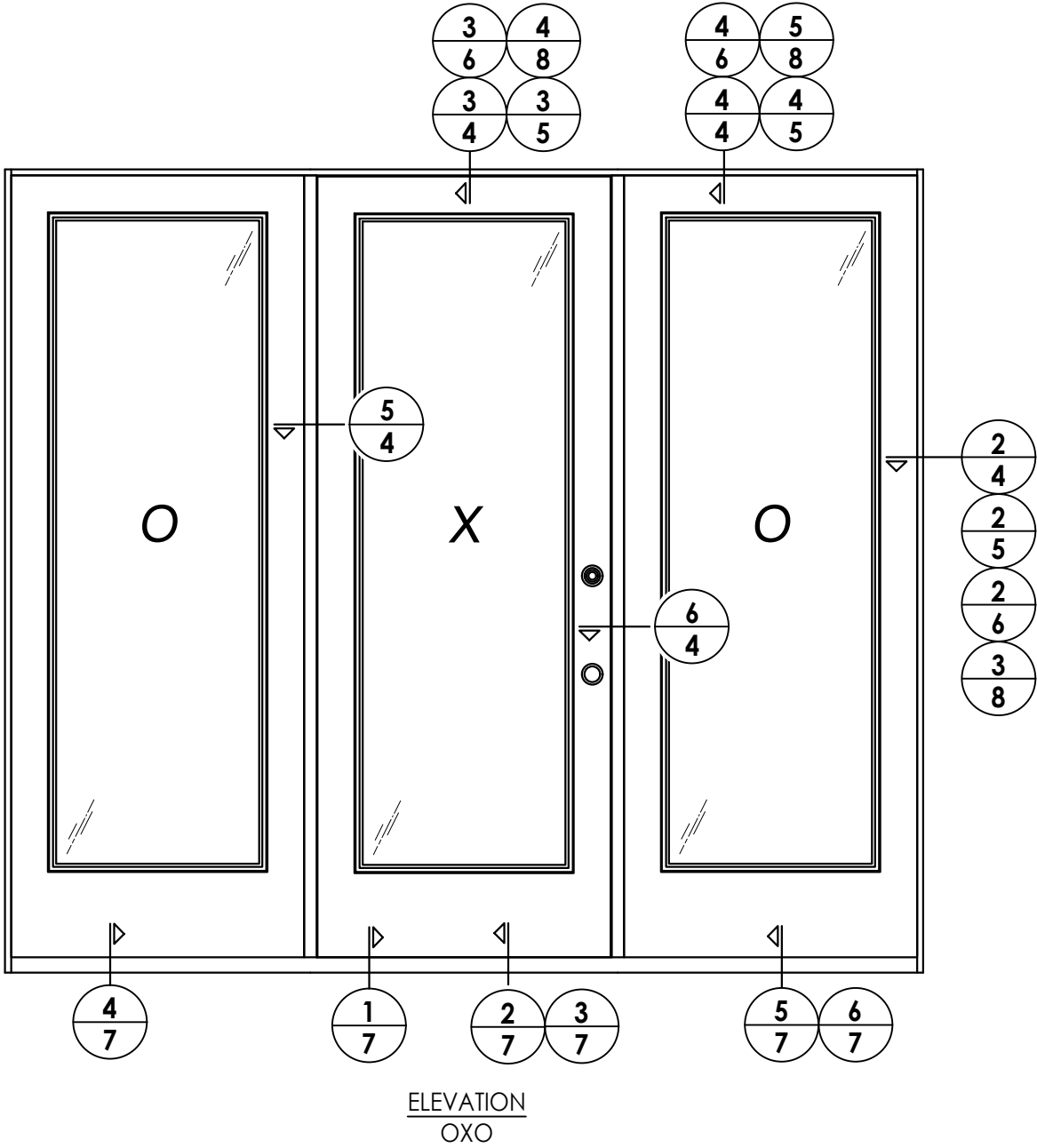
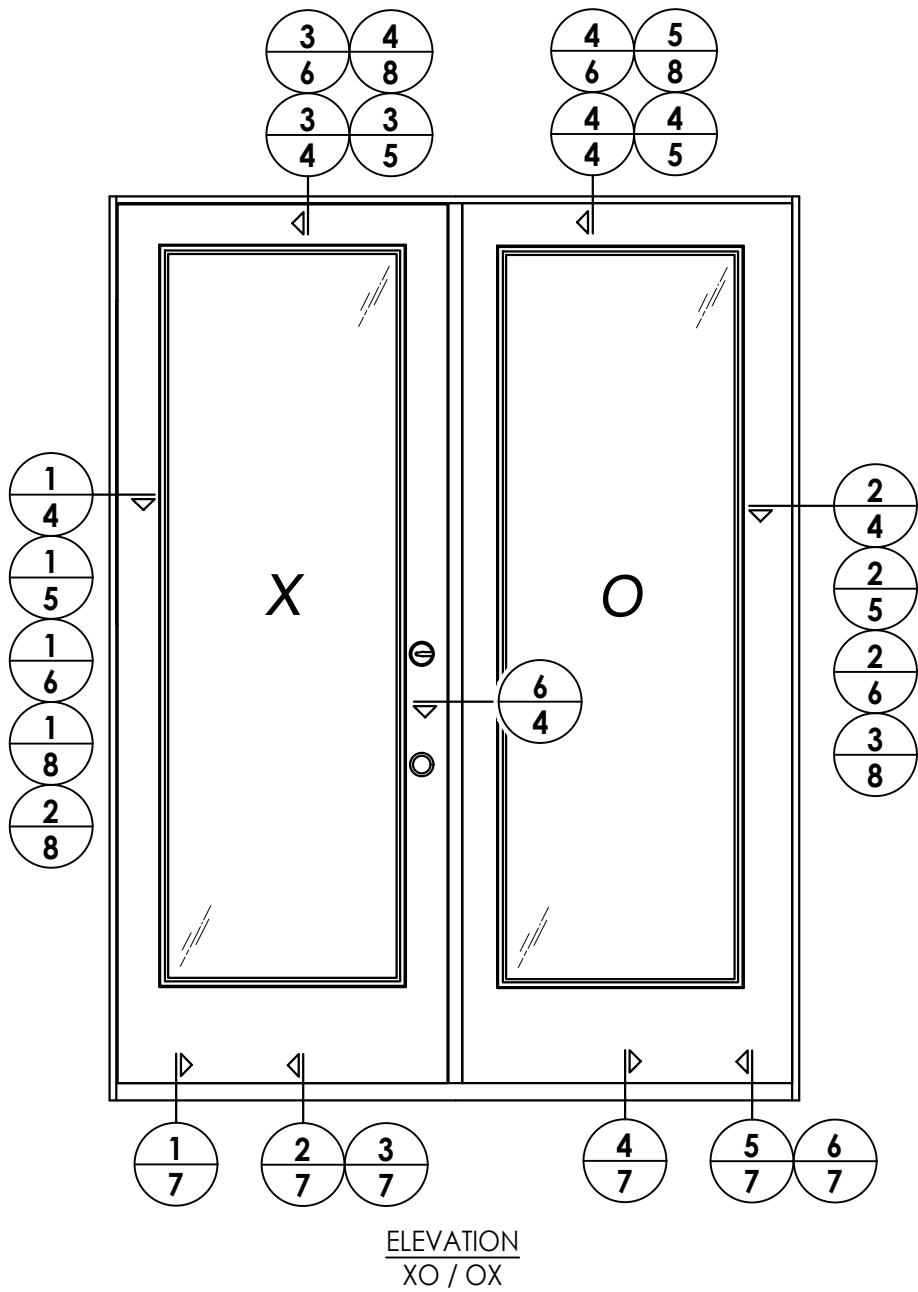
DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.16

SHEET 2 OF 13

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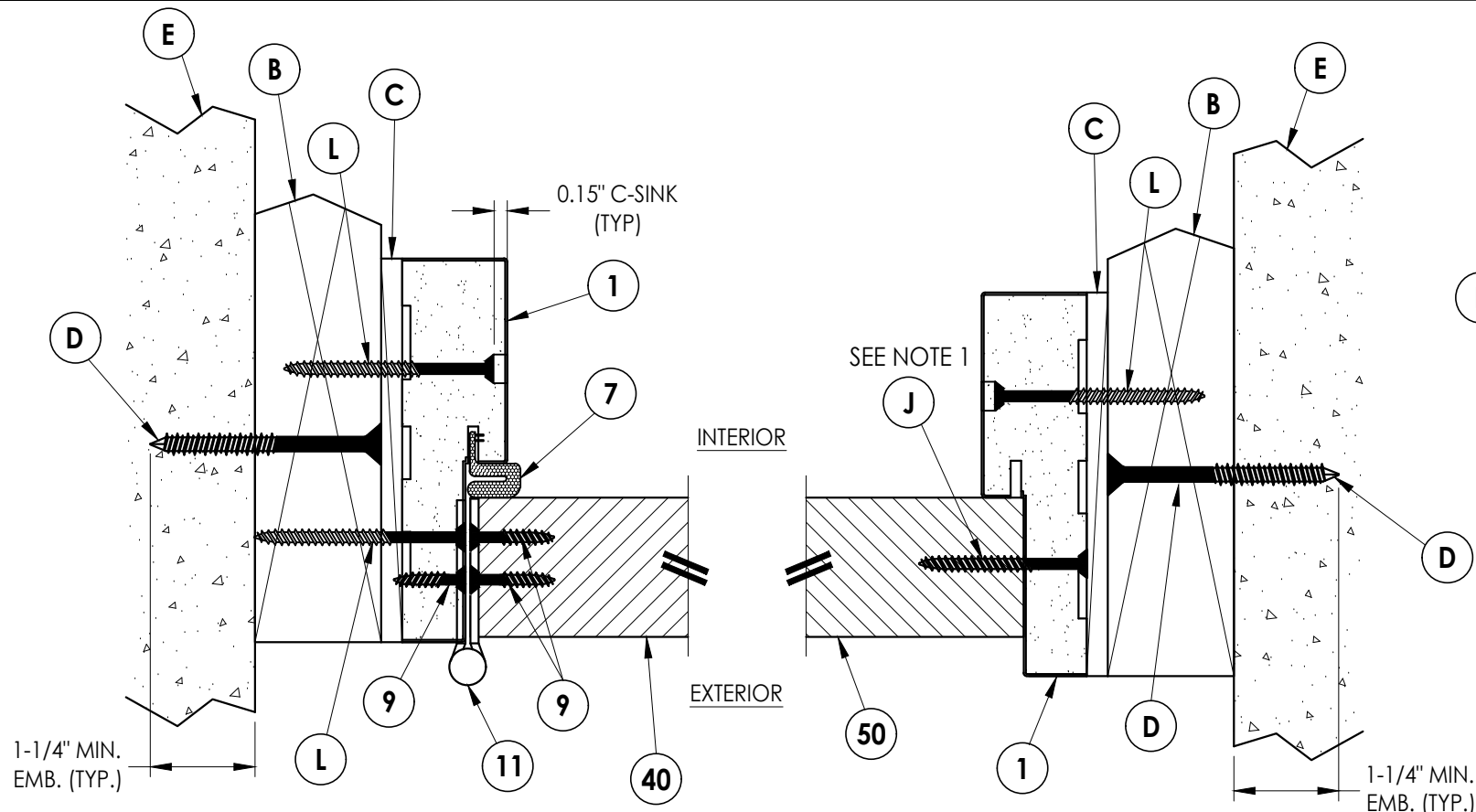
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SCALE: N.T.S.
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CHK. BY: LFS
DRAWING NO.: FL-28685.16
SHEET 3 OF 13

REVISIONS			
NO.	DATE		BY
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

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR
PART OR ASSEMBLY:
ELEVATIONS

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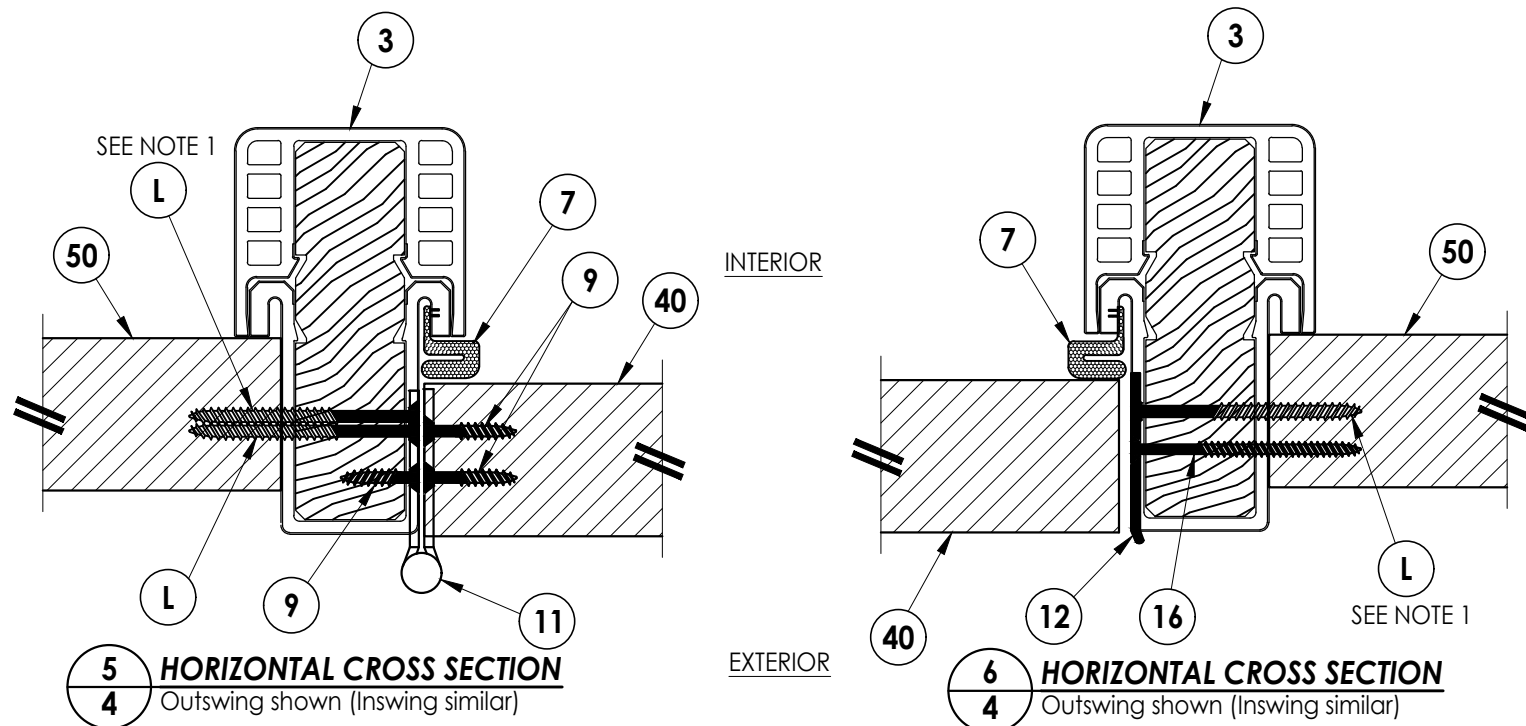


1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

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

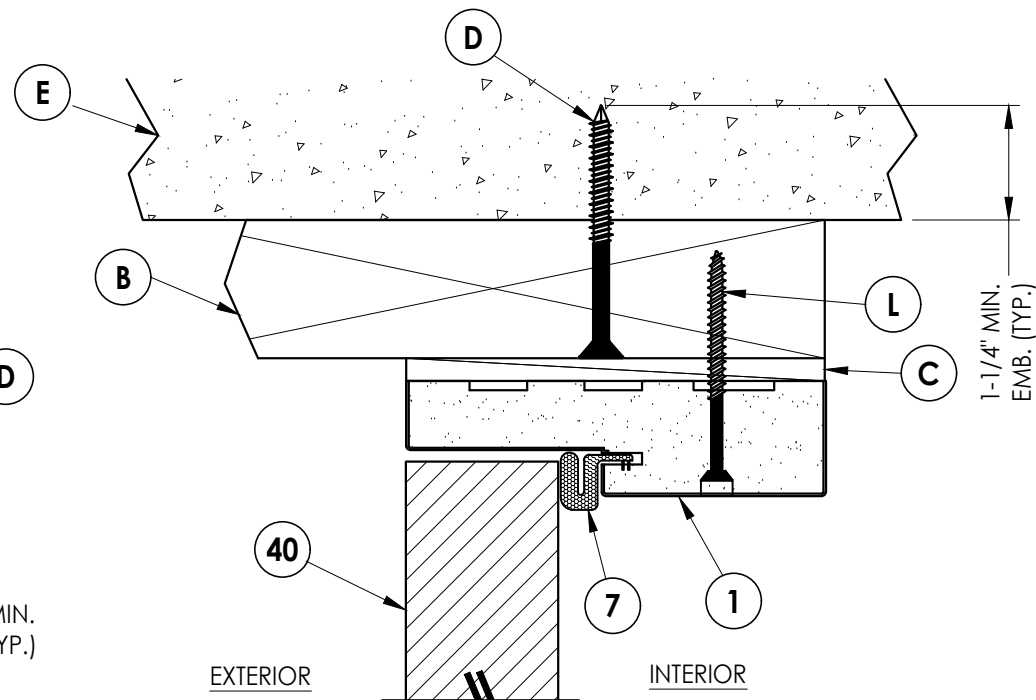
NOTES:

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).

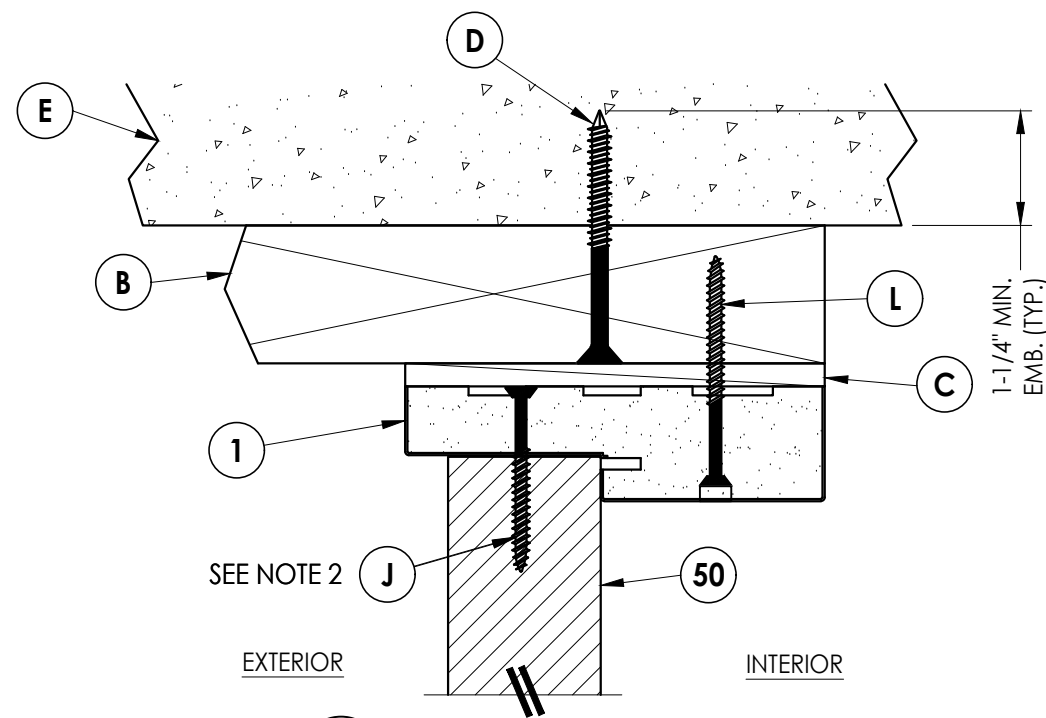


5
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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



3
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



4
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
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
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: 10/15/19

SCALE: N.T.S.

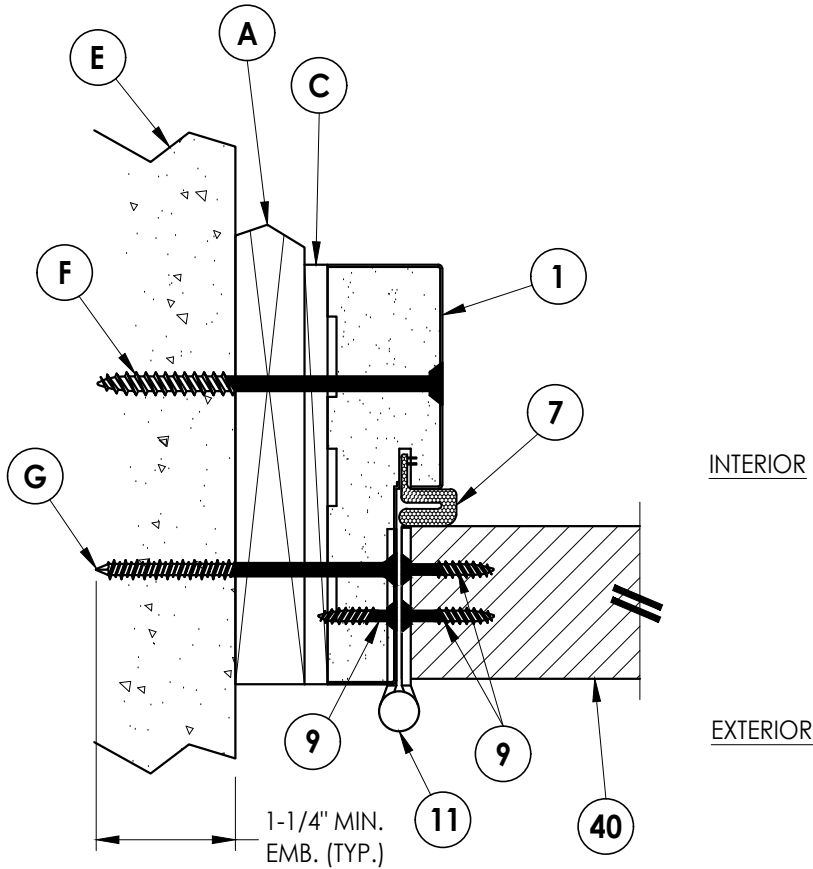
DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.16

SHEET 4 OF 13

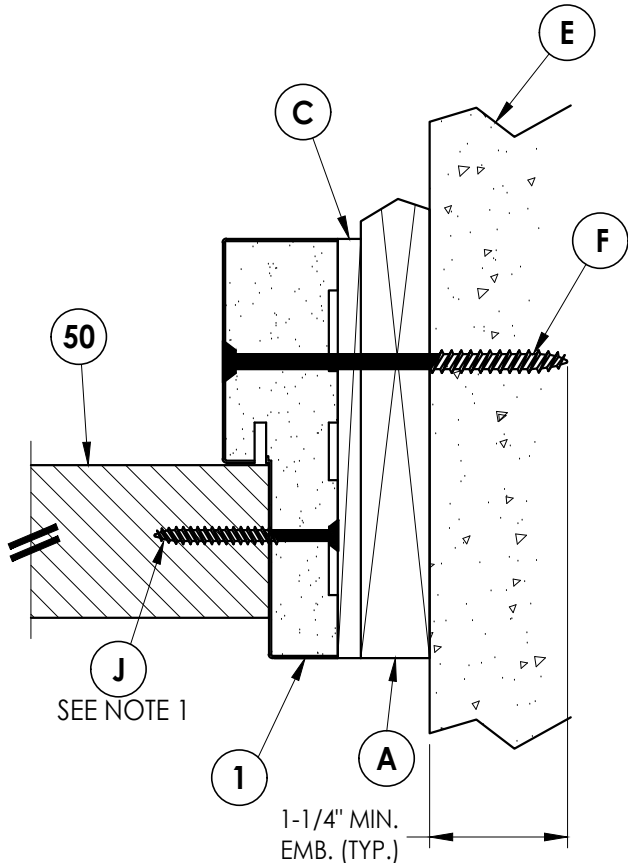
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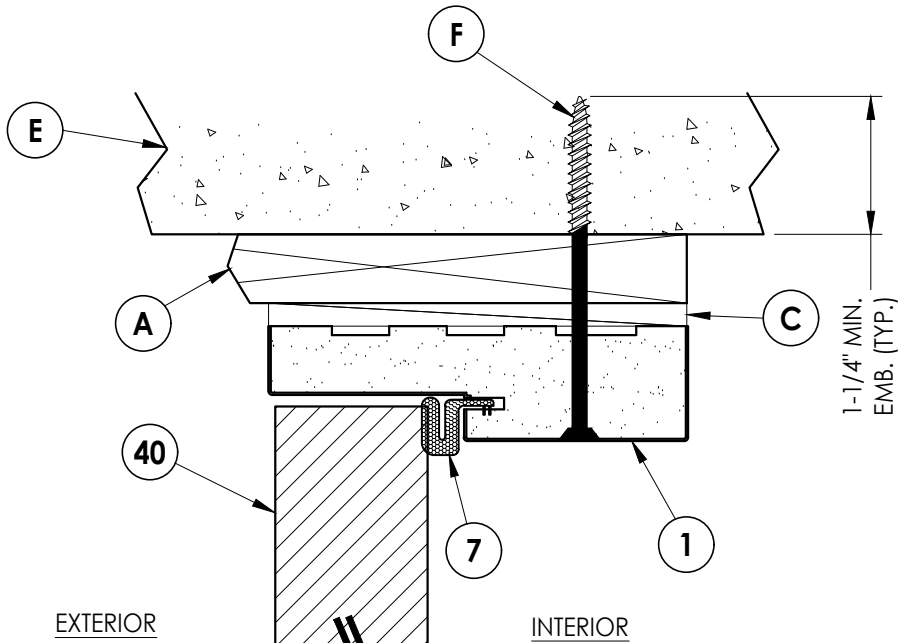
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)

NOTES:

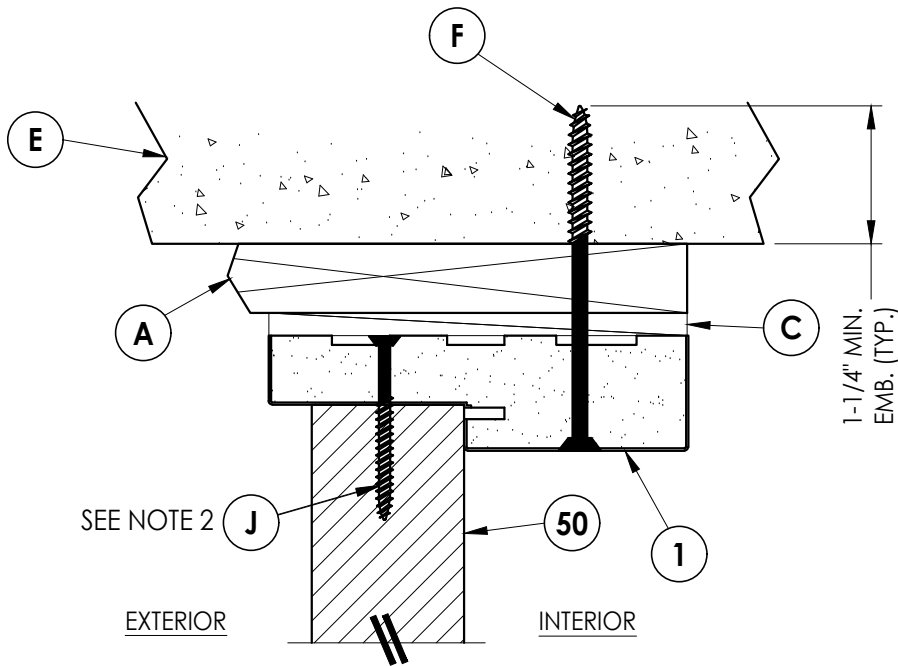
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).



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



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



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

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PRODUCT: **PLASTPRO INC
FIBERGLASS DOOR**

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

REVISIONS		NO.	DATE	BY
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: 10/15/19

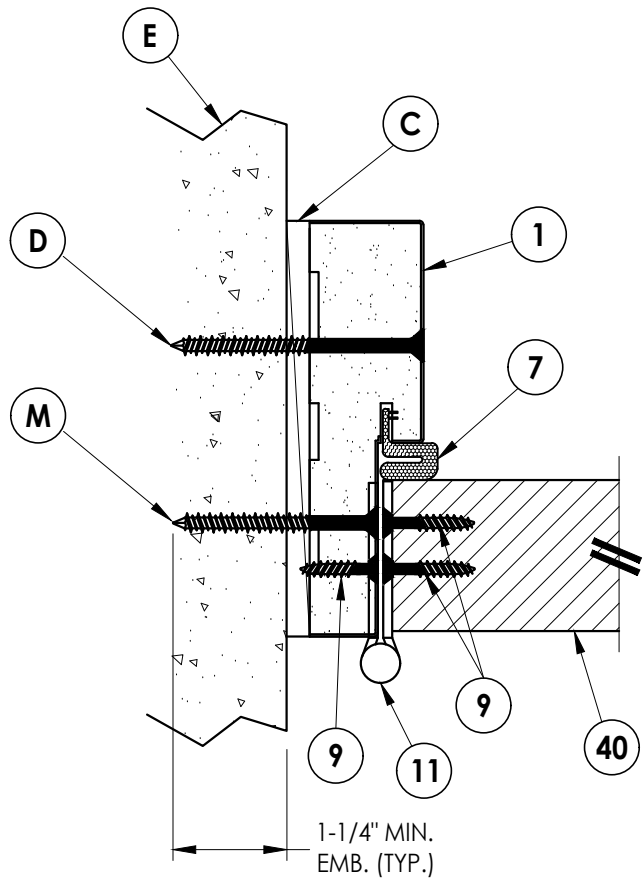
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DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-28685.16

SHEET 5 OF 13

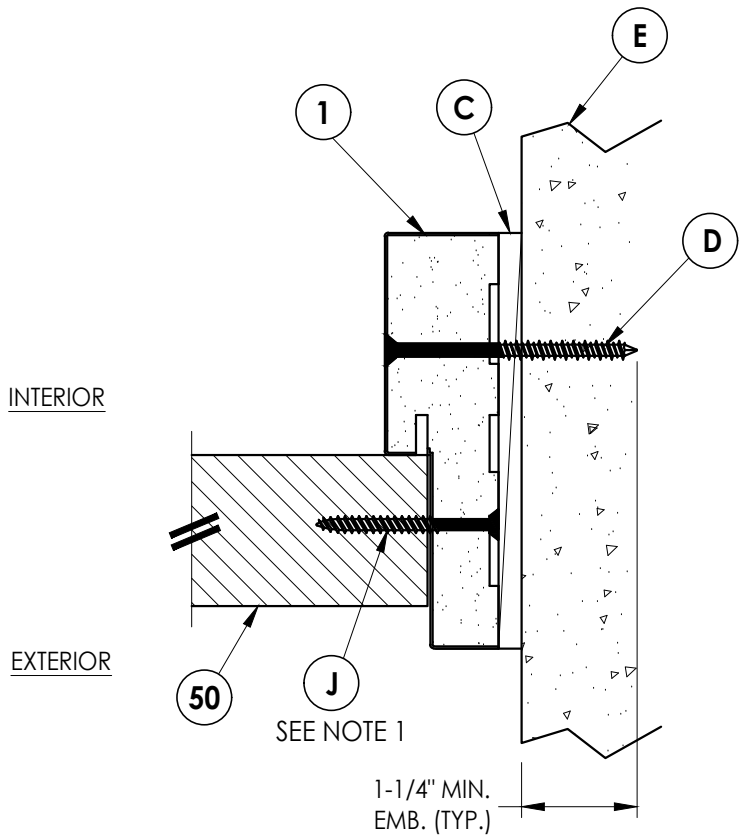


1 **HORIZONTAL CROSS SECTION**

6 Shown Direct to Masonry
Outswing shown (Inswing similar)

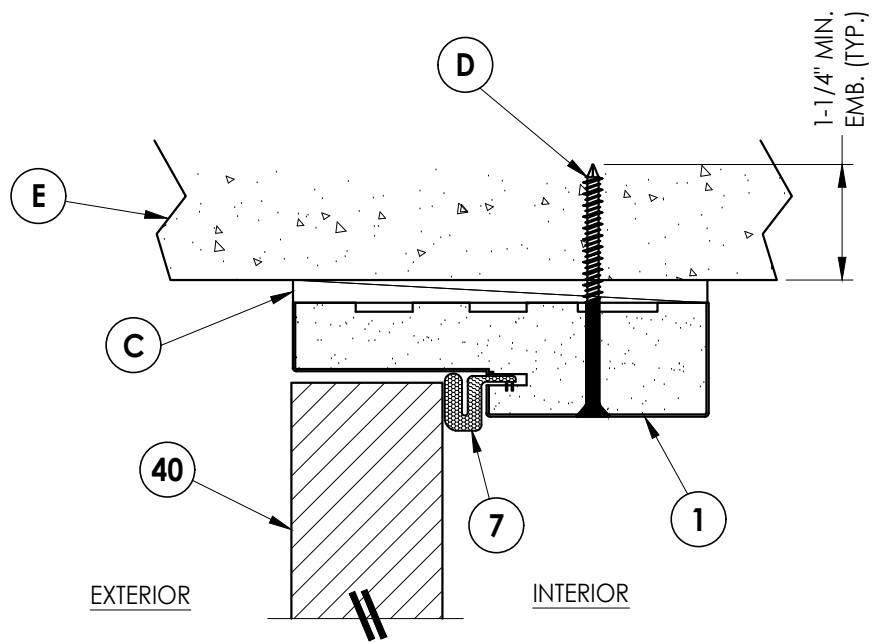
NOTES:

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).

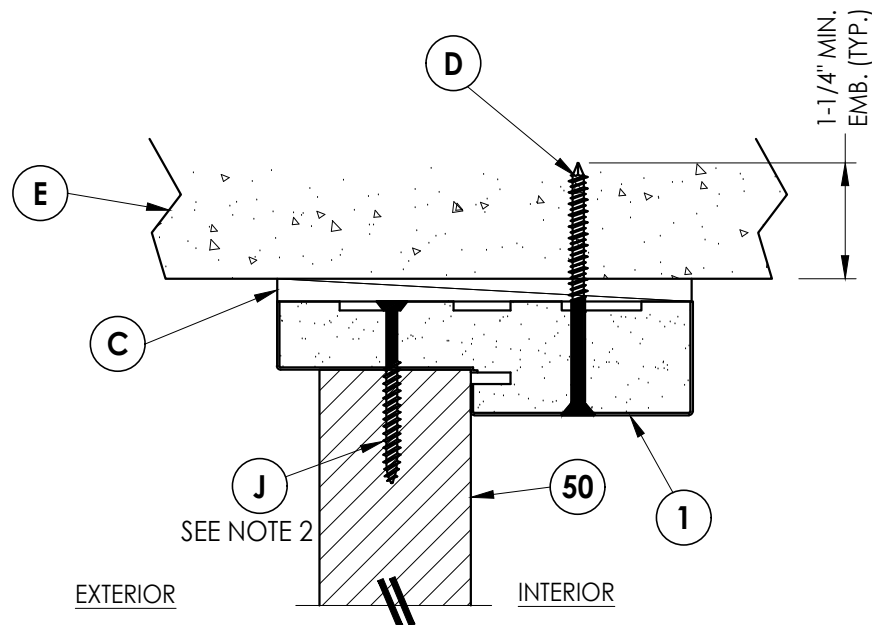


2 HORIZONTAL CROSS SECTION

6 Shown Direct to Masonry
Outswing shown (Inswing similar)

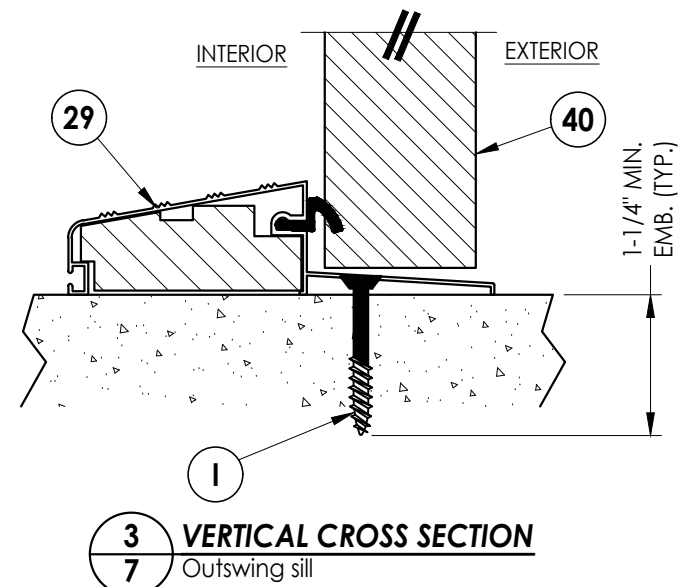
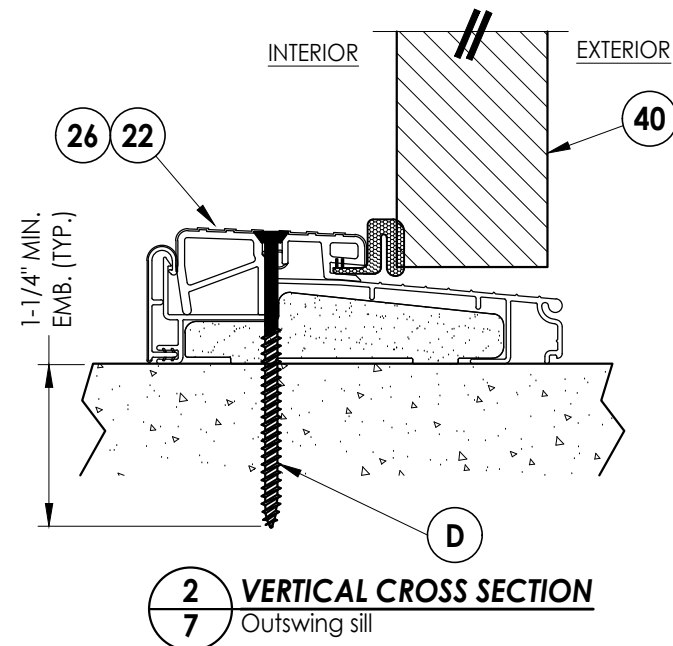
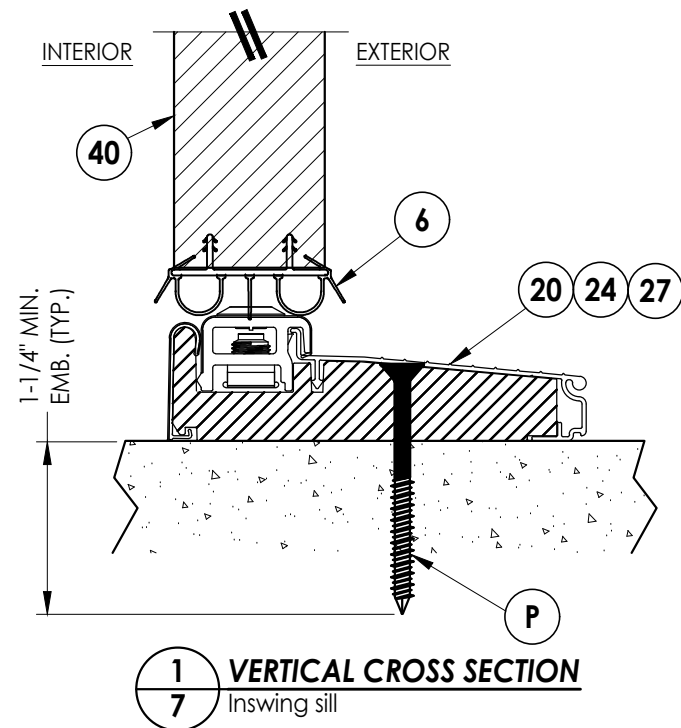


3 VERTICAL CROSS SECTION
6 Shown Direct to Masonry
Outswing shown (Inswing similar)



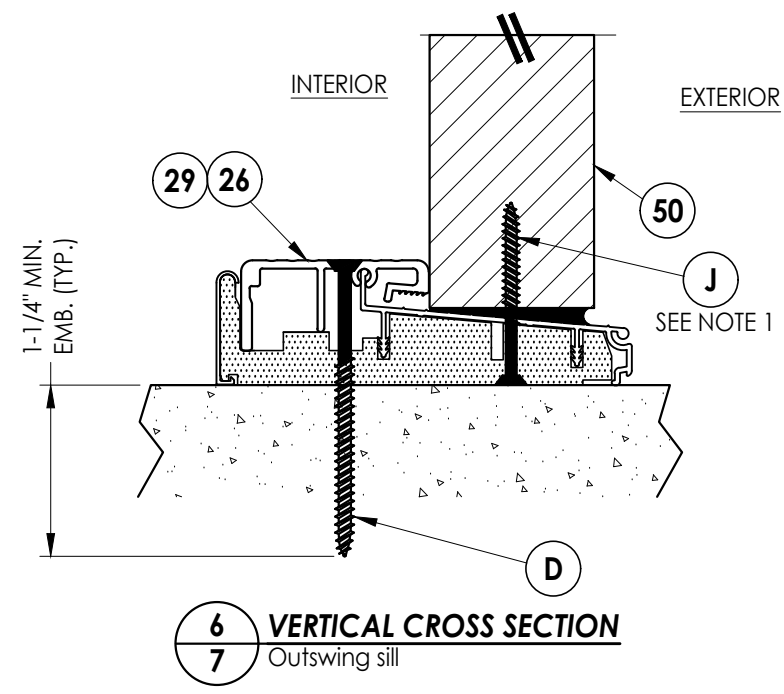
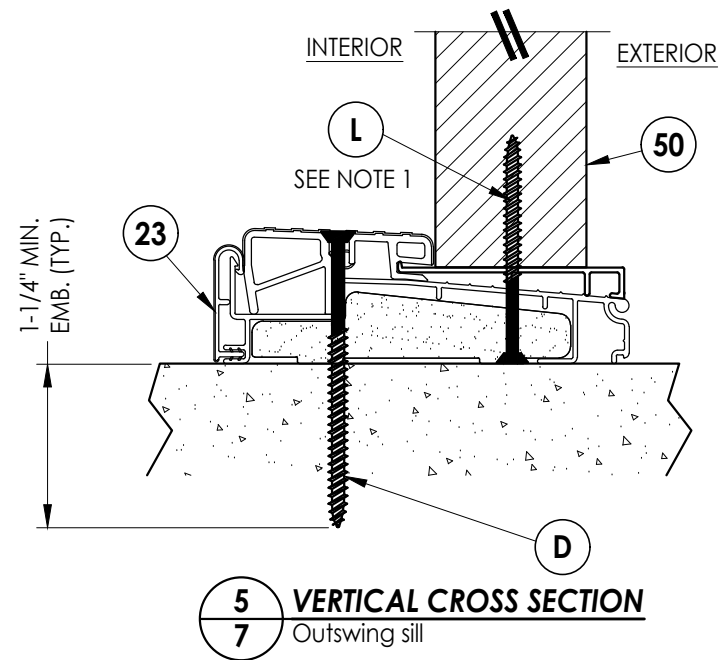
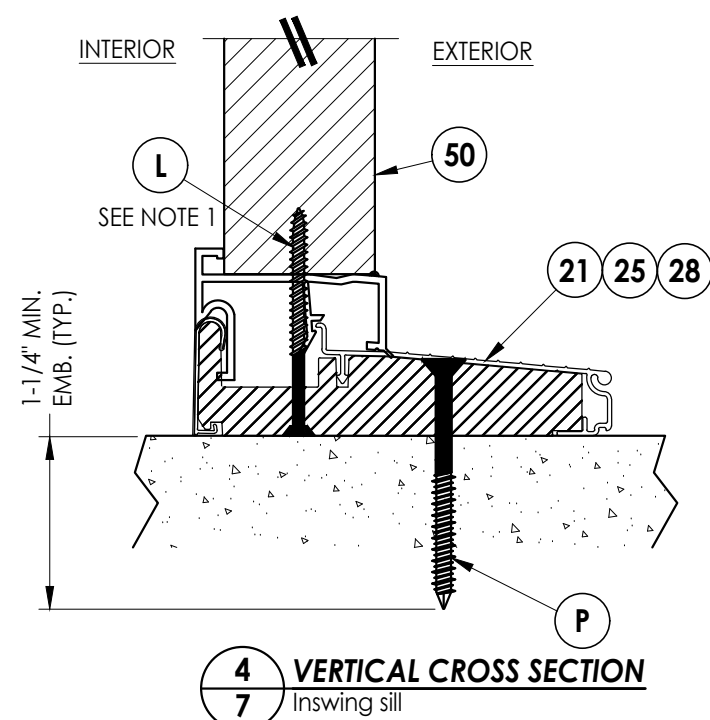
4 VERTICAL CROSS SECTION
6 Shown Direct to Masonry
Outswing shown (Inswing similar)

[illegible]



NOTE:

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



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Ray BUILDING CONSULTANTS, INC.

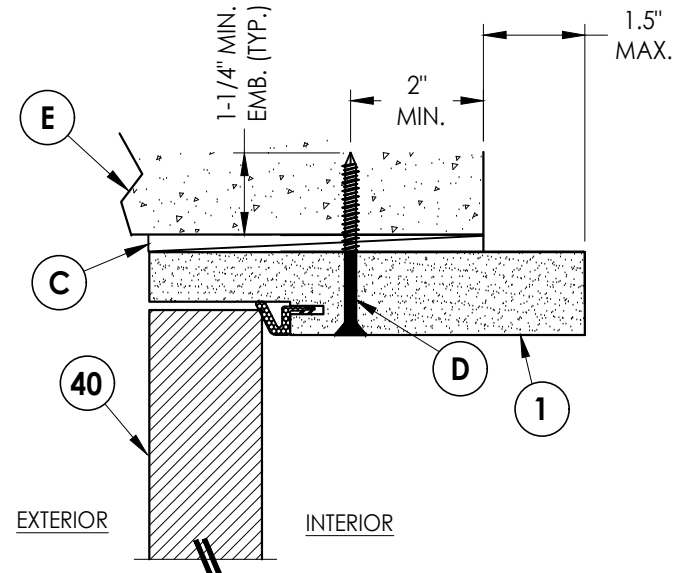
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PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

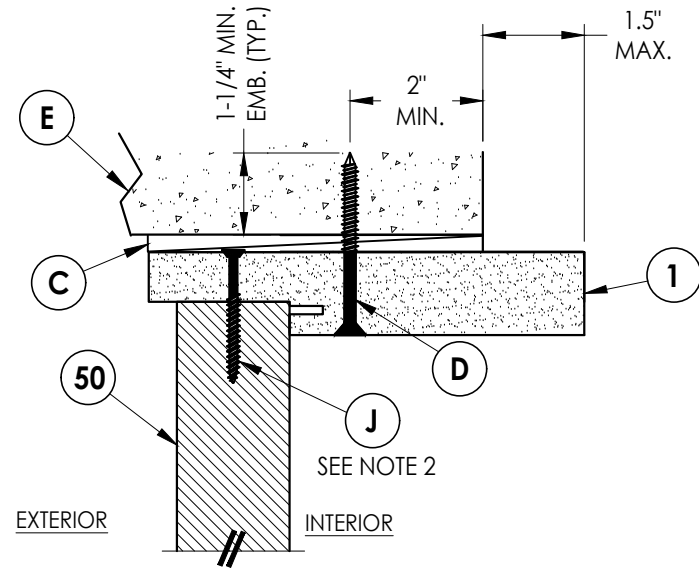
OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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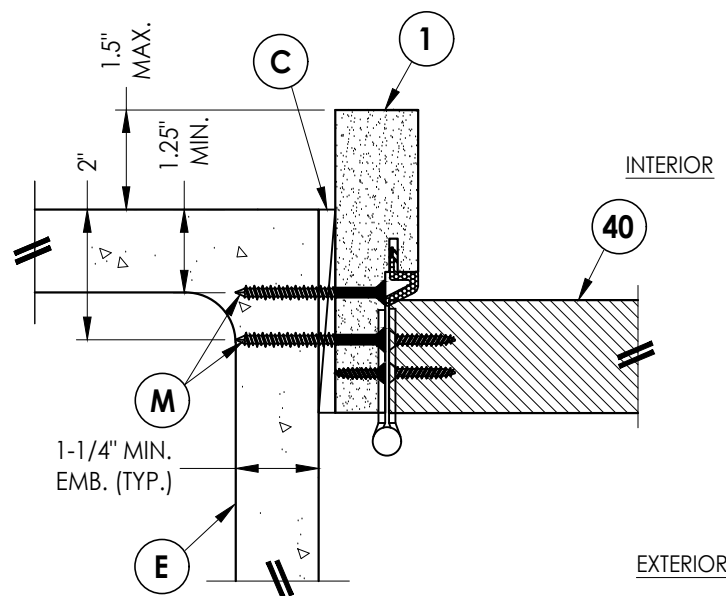
4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



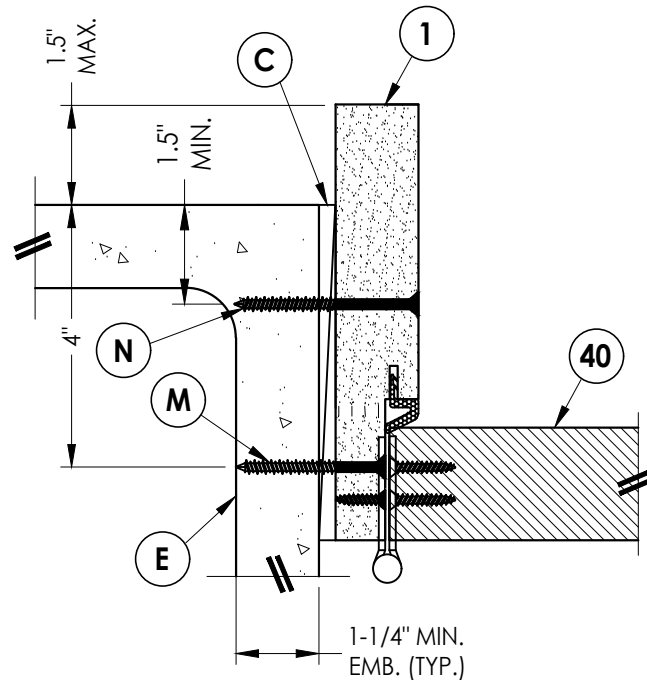
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8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

NOTES:

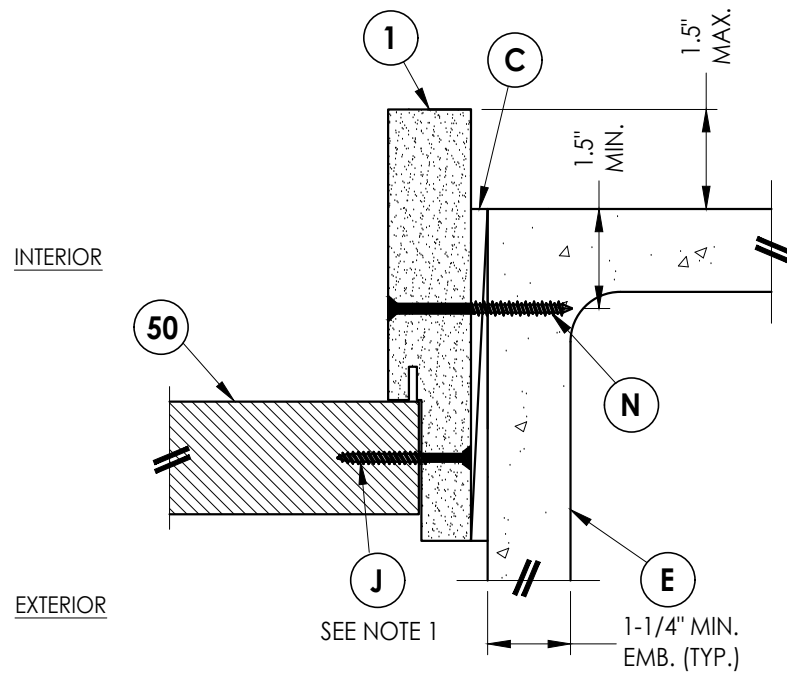
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).



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



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



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

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P.E. No. 43409

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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: 10/15/19

SCALE: N.T.S.

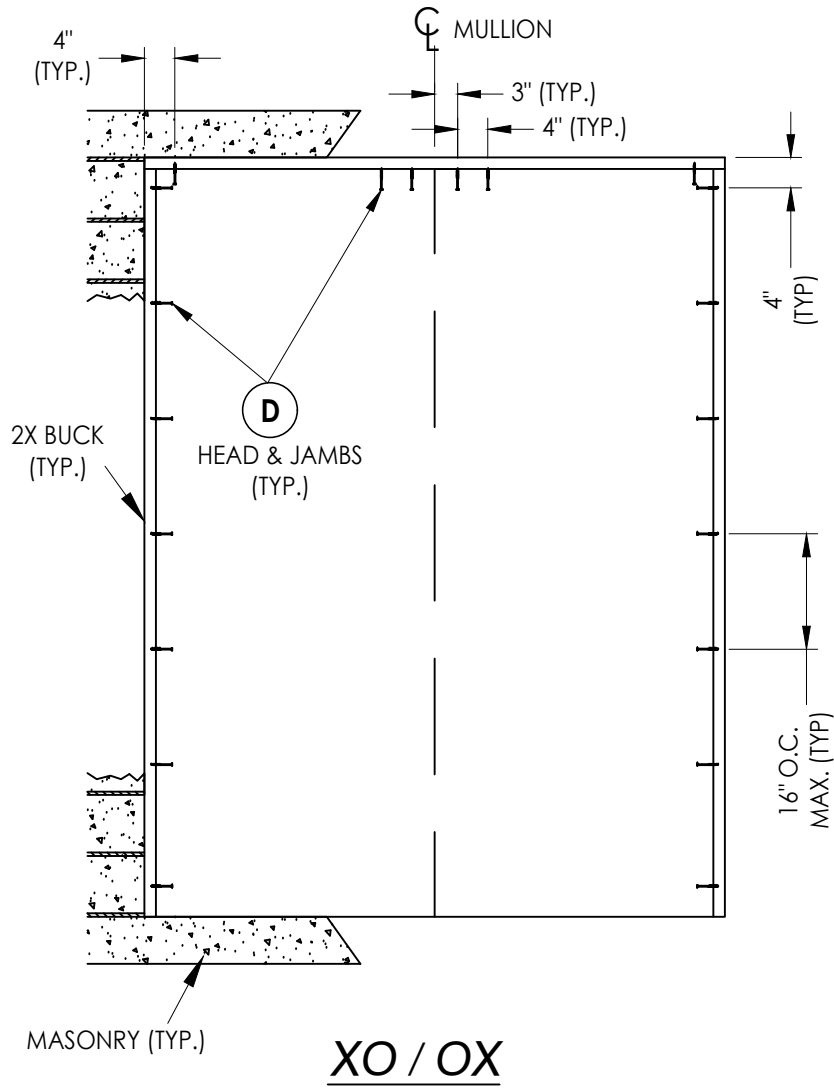
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CHK. BY: LFS

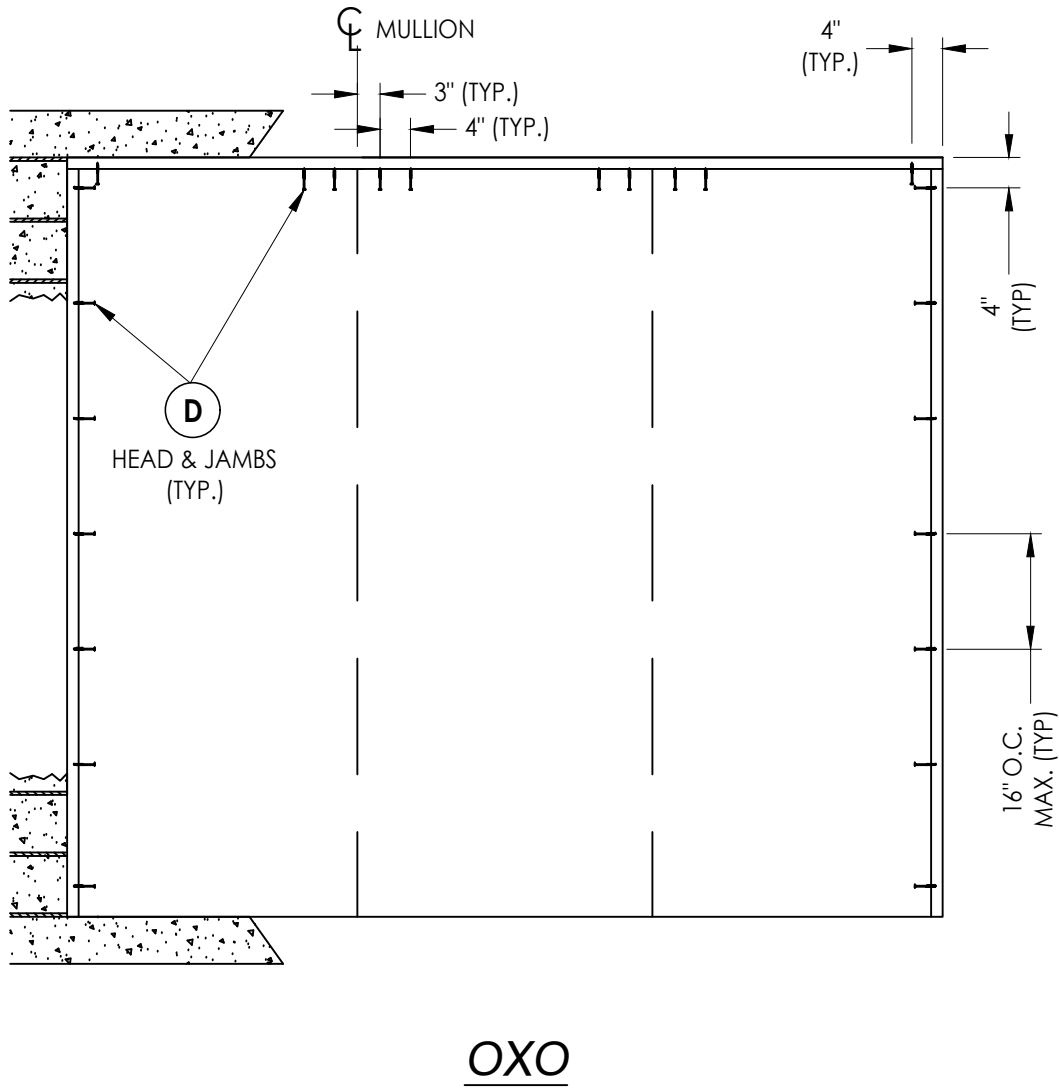
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SHEET 8 OF 13

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2X BUCK ANCHORING



DATE: 10/15/19	
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DRAWING NO.: FL-28685.16	
SHEET	9 of 13

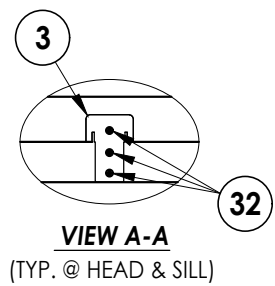
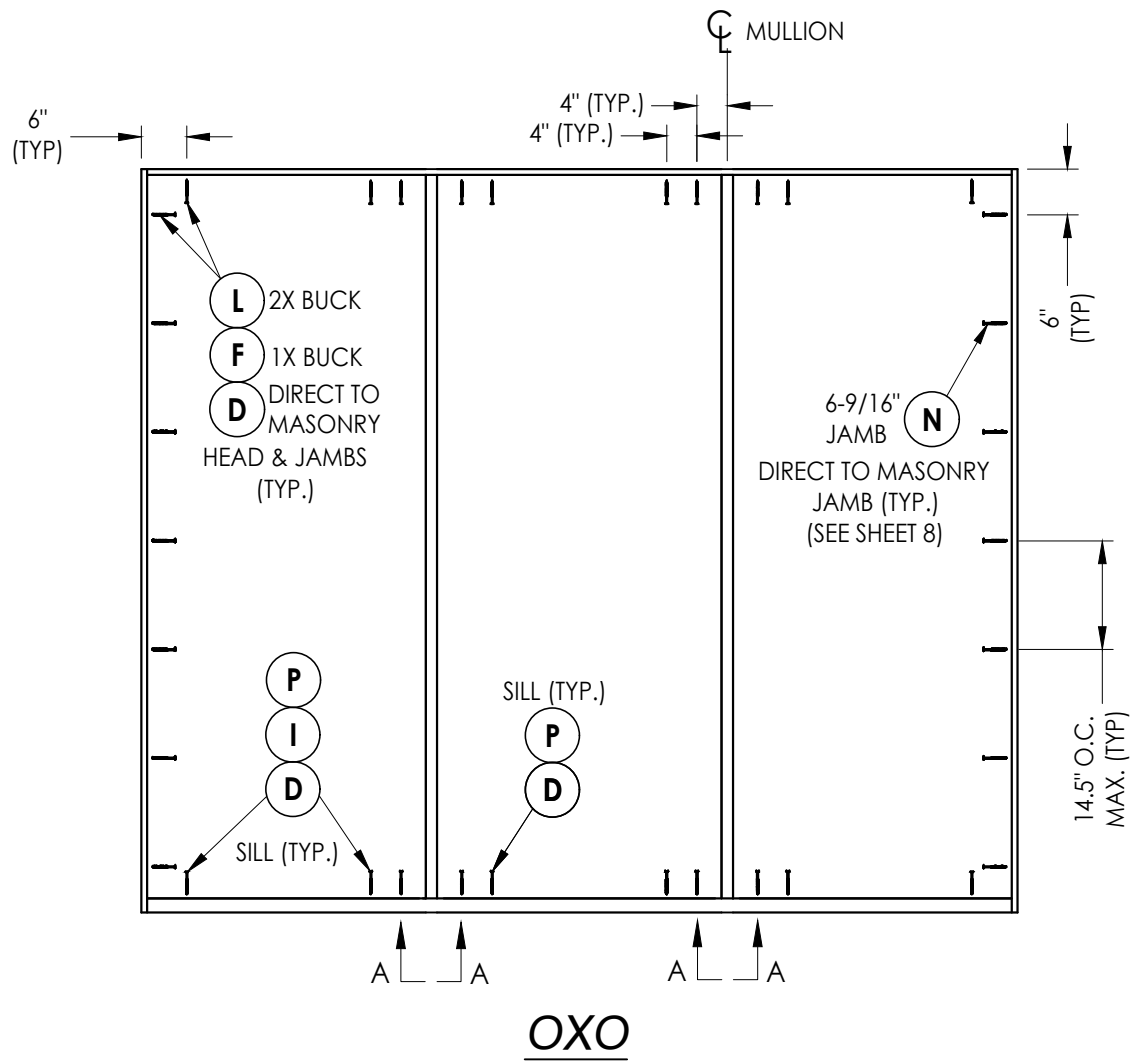
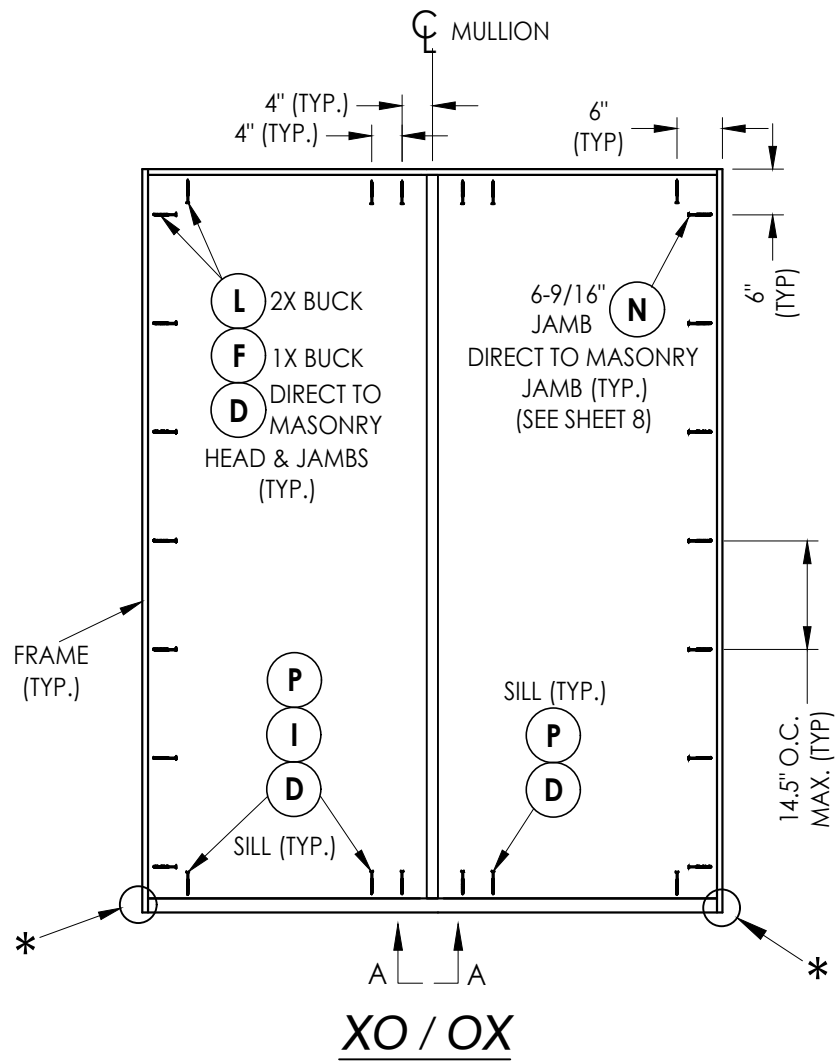
NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

PRODUCT:	
PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:	
BUCK ANCHORING	

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


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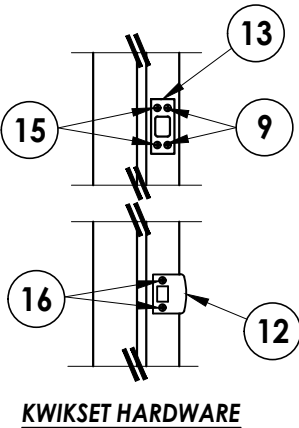
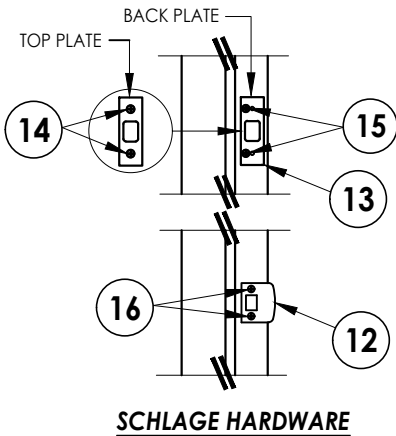
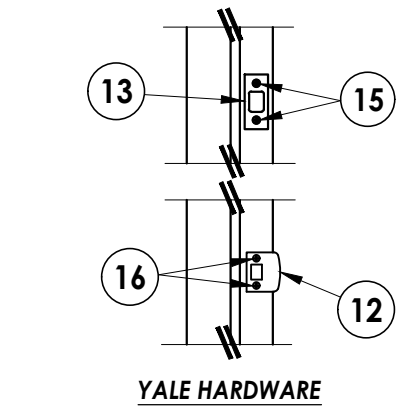


FRAME ANCHORING

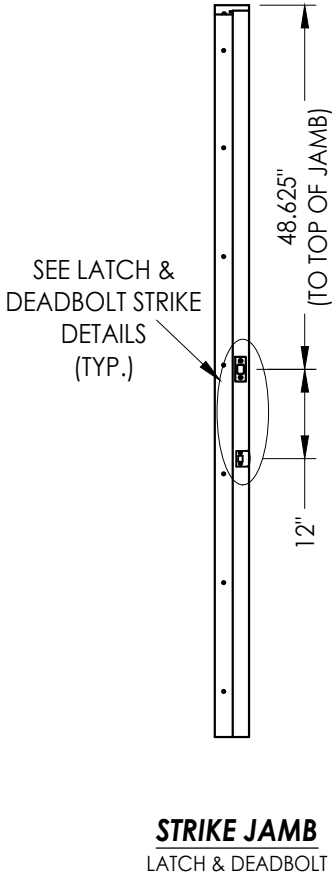
*NOTE: FRAME CORNERS ATTACHED w/
(3) #10 X 2-1/2" FH WOOD SCREWS (TYP.)

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PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING					
				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: 10/15/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-28685.16							
SHEET 10 of 13							

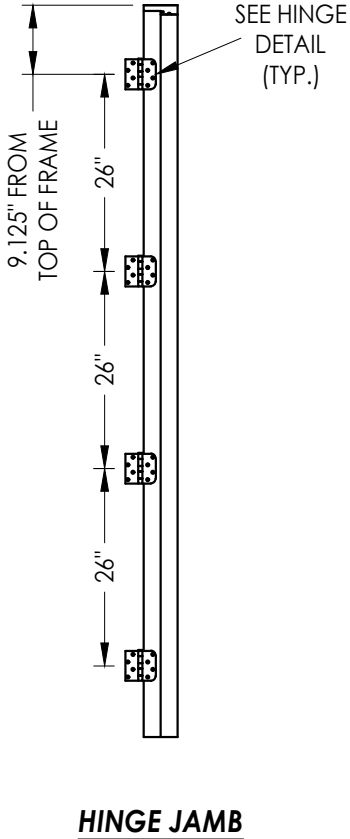
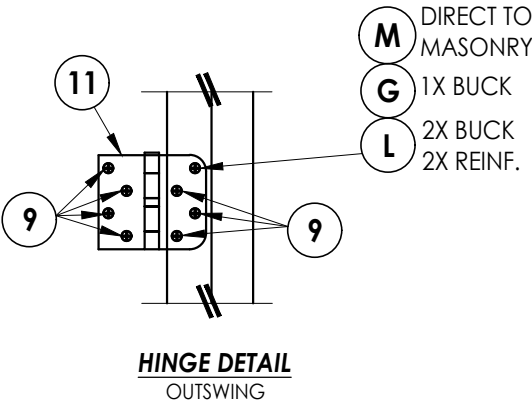
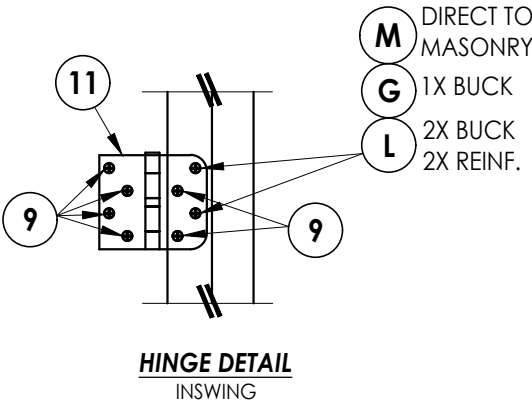
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LATCH & DEADBOLT HARDWARE STRIKE DETAILS



STRIKE JAMB
LATCH & DEADBOLT



HARDWARE DETAILS

Documents Prepared By:
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P.E. No. 43409

PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

DATE: 10/15/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-28685.16

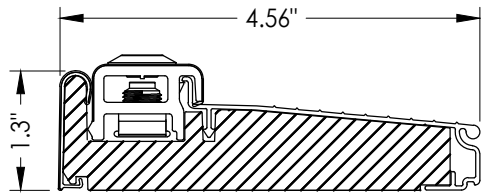
SHEET 11 OF 13

REVISIONS	
NO.	DATE
3	7/01/26
2	8/10/23
1	7/23/20

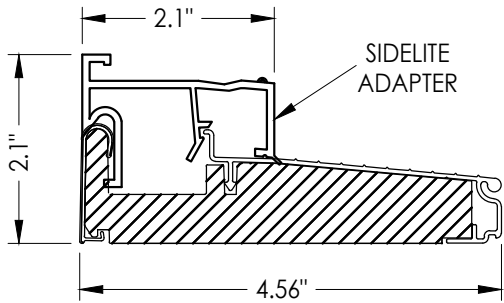
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

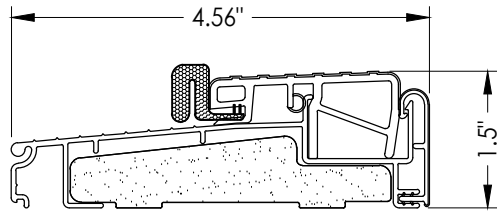
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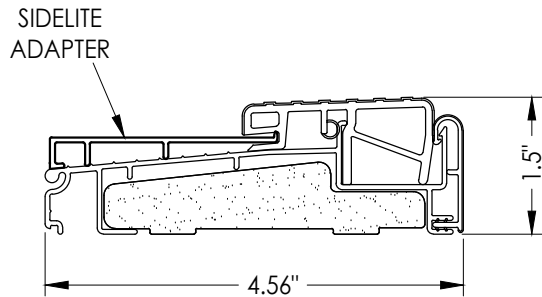
20 INSWING THRESHOLD
Endura (Z-Series)



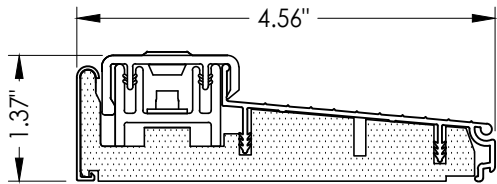
21 INSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)



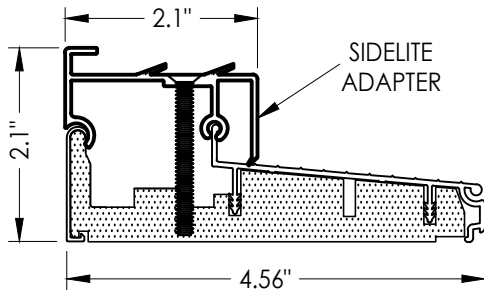
22 OUTSWING THRESHOLD
Endura (Z-Series)



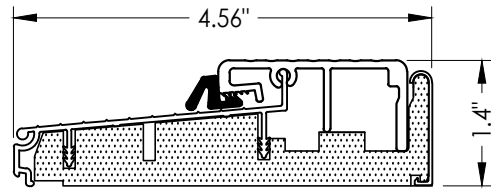
23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)



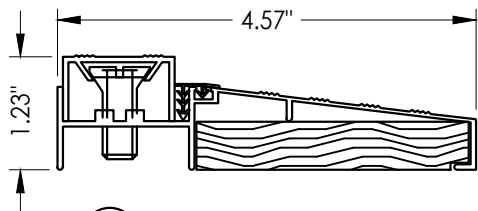
24 INSWING THRESHOLD
Columbia



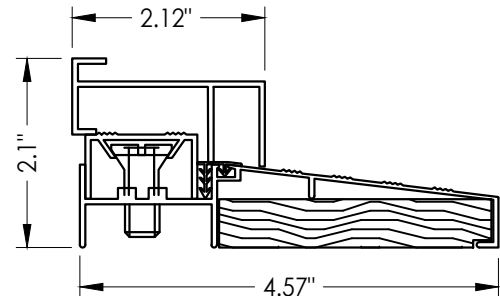
25 INSWING THRESHOLD w/ SIDELITE ADAPTER
Columbia



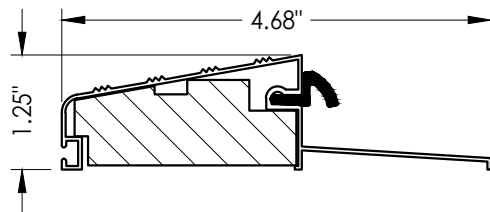
26 OUTSWING THRESHOLD
Columbia



27 INSWING THRESHOLD
DLP Industries



28 INSWING THRESHOLD w/ SIDELITE ADAPTER
DLP Industries



29 OUTSWING THRESHOLD
DLP Industries

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, 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: 10/15/19

SCALE: N.T.S.

DWG. BY: TRJ

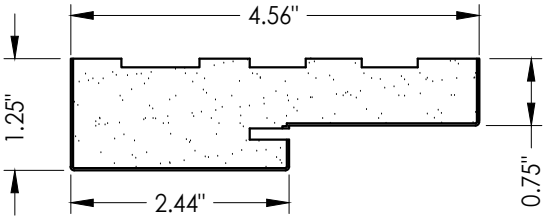
CHK. BY: LFS

DRAWING NO.:
FL-28685.16

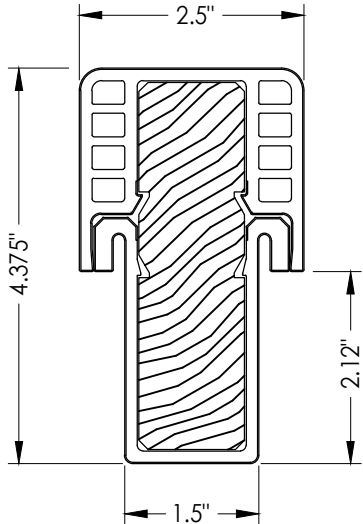
SHEET 12 OF 13

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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
3	INTEGRAL MULLION	COMP/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
32	#10 X 3" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



1 **POLY FIBER JAMB**
Plastpro PF Jamb



3 **INTEGRAL MULLION**
Endura "FusionFrame"

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 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:

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

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: BILL OF MATERIALS & COMPONENTS	
		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: 10/15/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-28685.16			
SHEET 13 OF 13			