



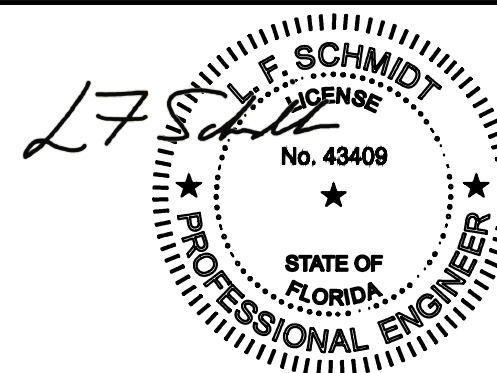
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

**OPAQUE FIBERGLASS SINGLE DOOR
w/ or w/out SIDELITES
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 4 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Bill of materials and components

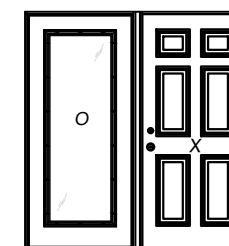
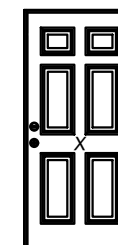
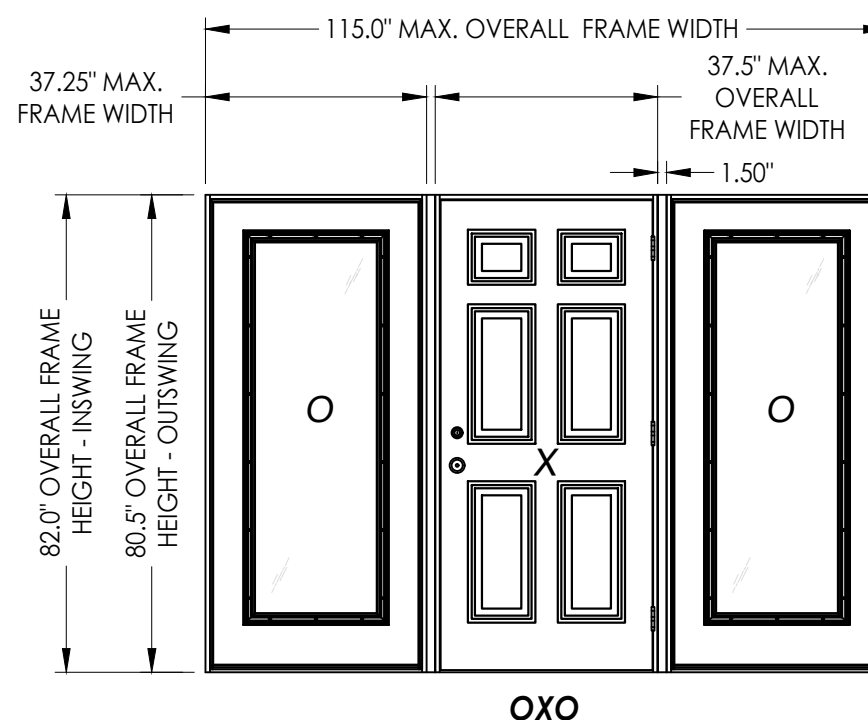


Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 09:39:25 -04'00'

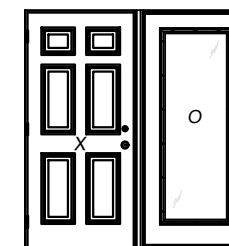
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

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



OX



XC

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" X 82.0"	N/A	+65.0	-70.0	+65.0	-65.0
OX/XO	76.25" X 82.0"	20.63" X 62.63"	+50.0	-50.0	+50.0	-50.0
OXO	115.0" X 82.0"	20.63" X 62.63"	+50.0	-50.0	+50.0	-50.0

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
NO.	DATE			BY
REVISIONS				

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

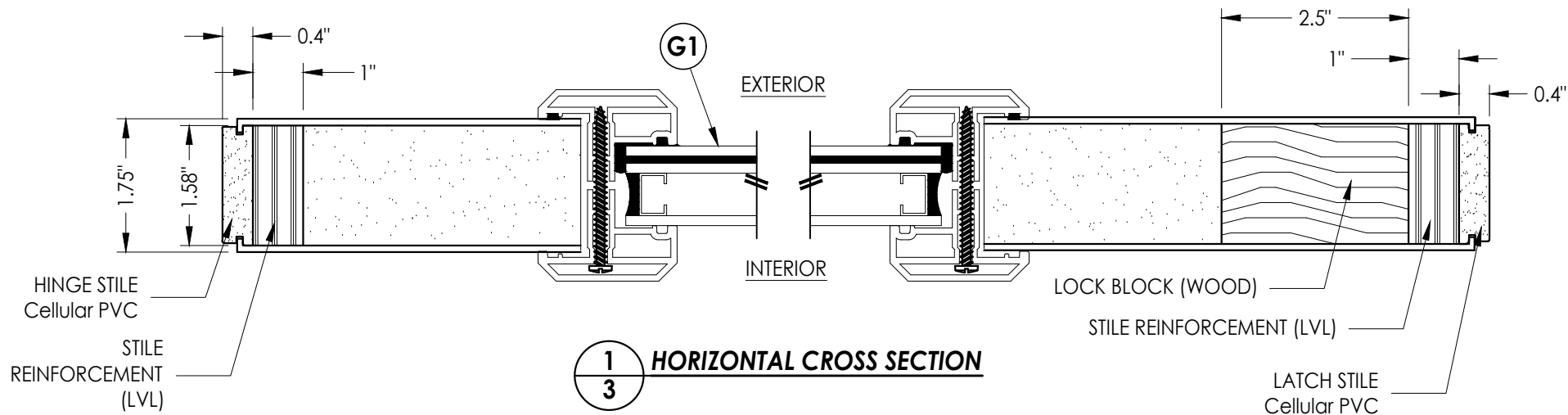
CHK. BY: *LFS*

DRAWING NO.:

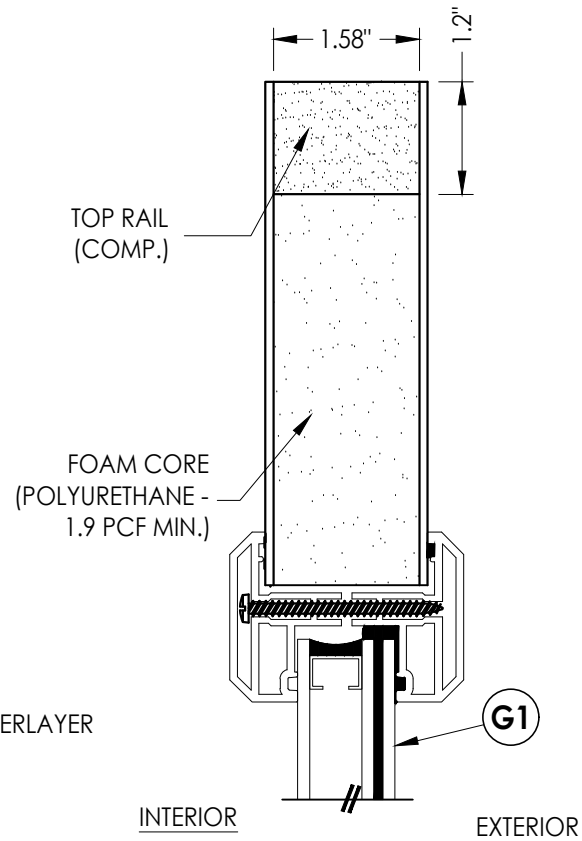
FL-17184.5

SHEET 1 OF 10

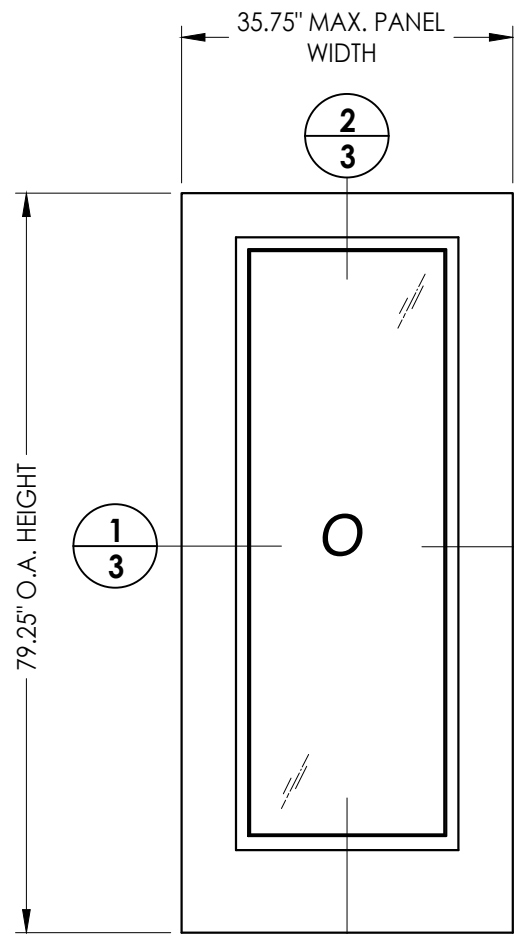
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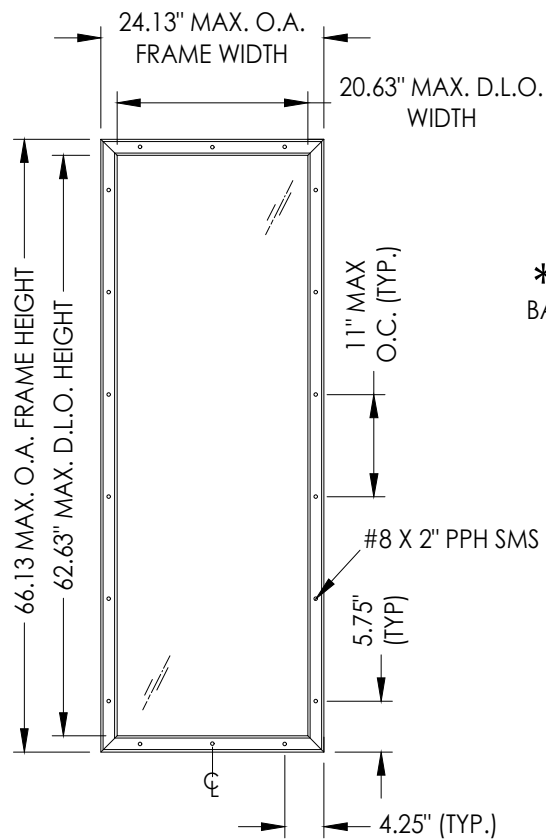
1/3 HORIZONTAL CROSS SECTION



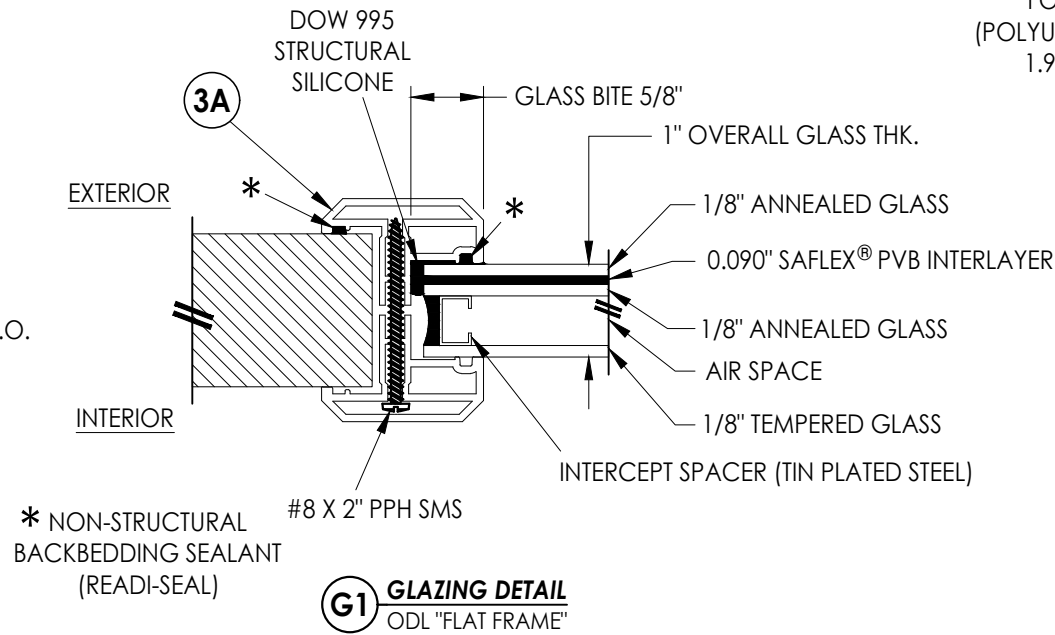
2/3 VERTICAL CROSS SECTION



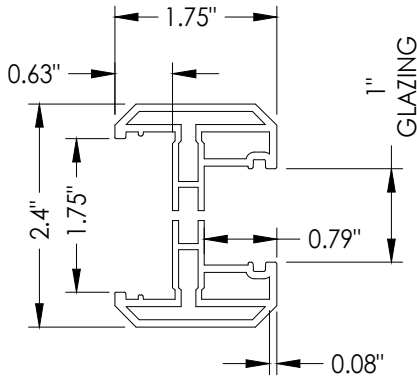
60 SIDELITE PANEL



ODL LITE FRAME DETAIL
"FLAT FRAME" PROFILE



3A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



3A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC

DATE: 02/21/12

SCALE: N.T.S.

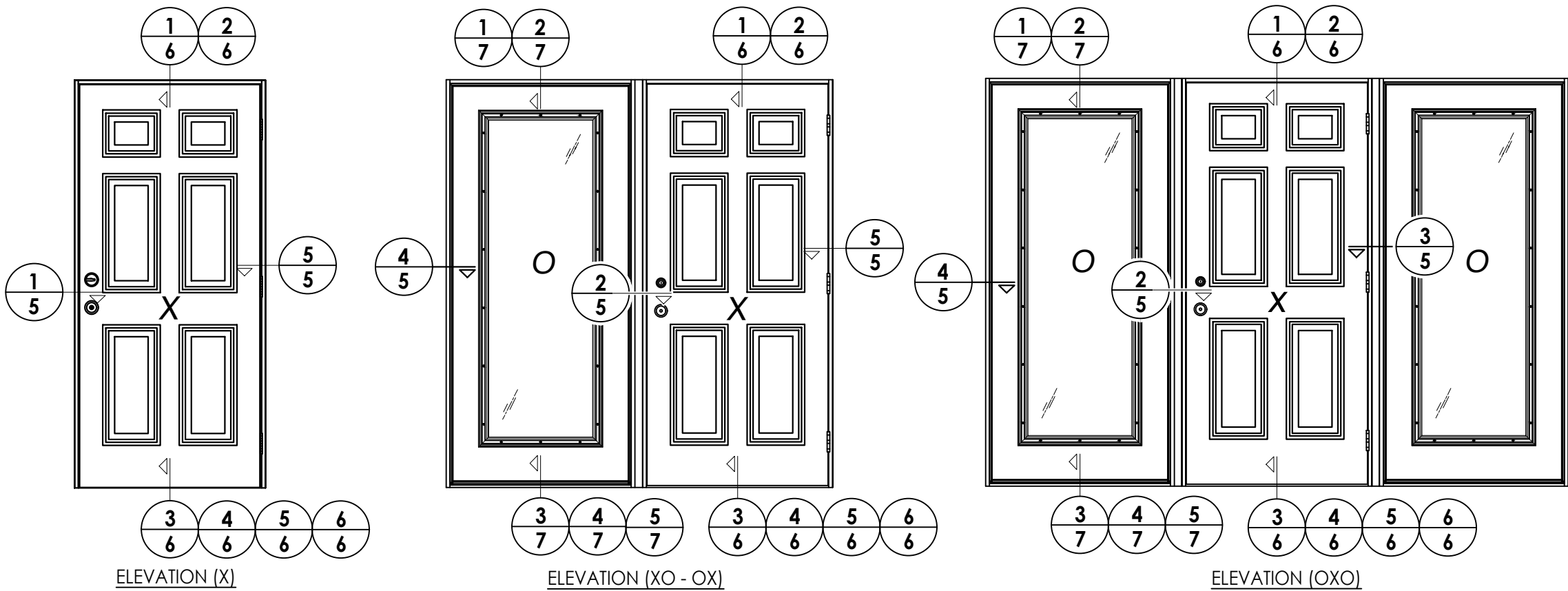
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.5

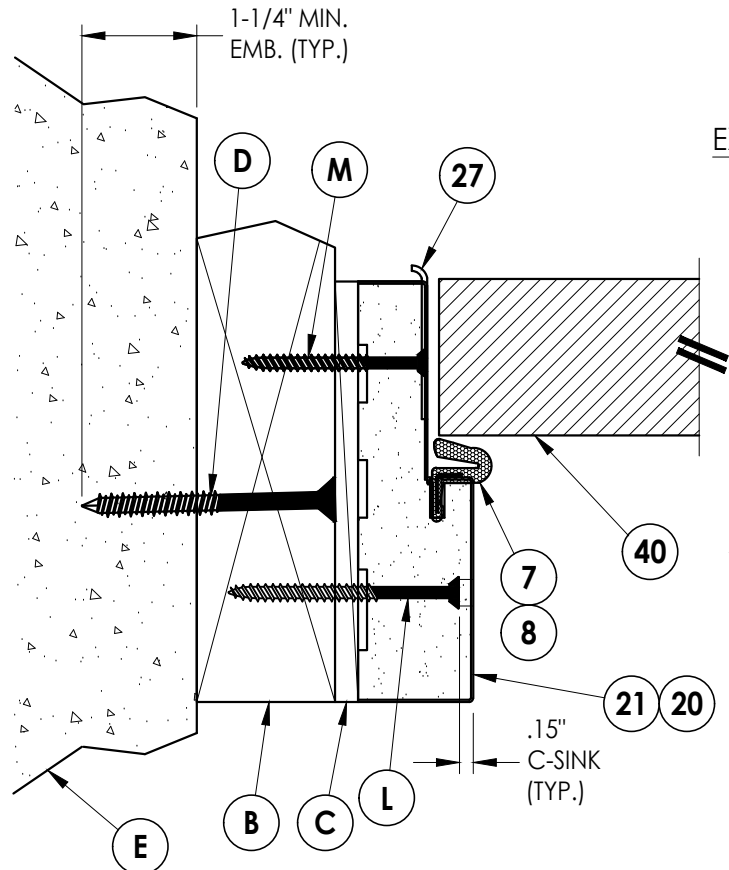
SHEET 3 OF 10



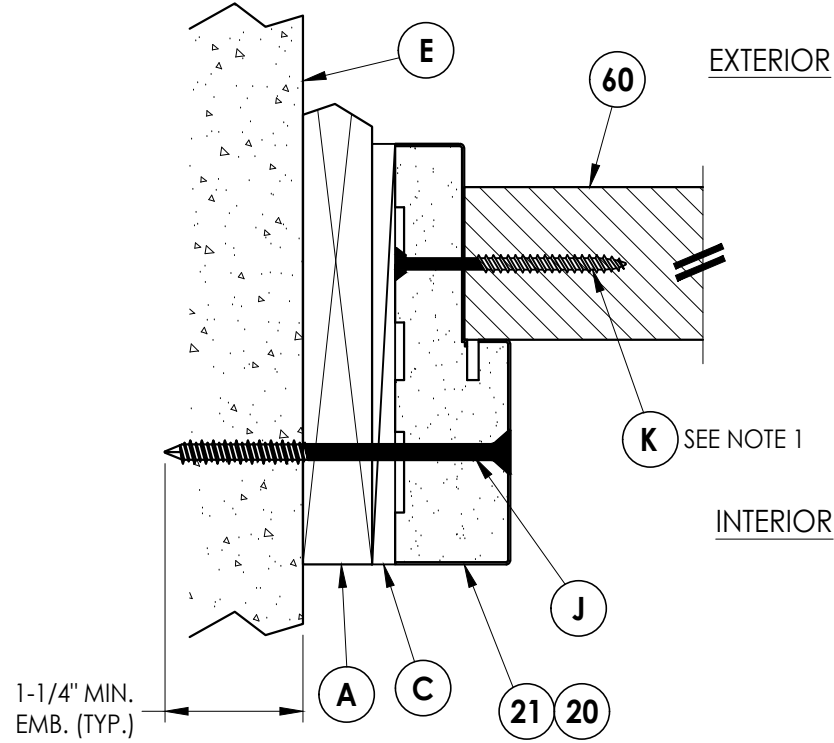
DATE: 02/21/12		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	
DWG. BY: JK		PART OR ASSEMBLY: ELEVATIONS	
CHK. BY: LFS		REVISONS	
DRAWING NO.: FL-17184.5		REVISIONS	
SHEET 4 OF 10		REVISIONS	
		5 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS	
		4 8/23/23 UPDATE TO 8TH ED. (2023) FBC LFS	
		3 8/04/20 UPDATE TO 7TH ED. (2020) FBC DAC	
		NO. DATE BY	
		BY	

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

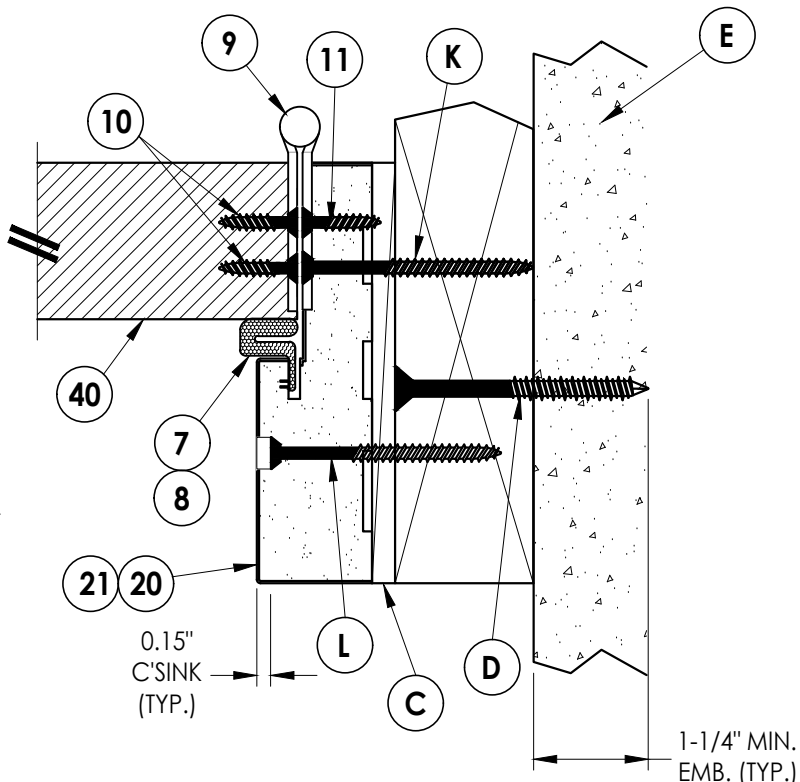
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1 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved

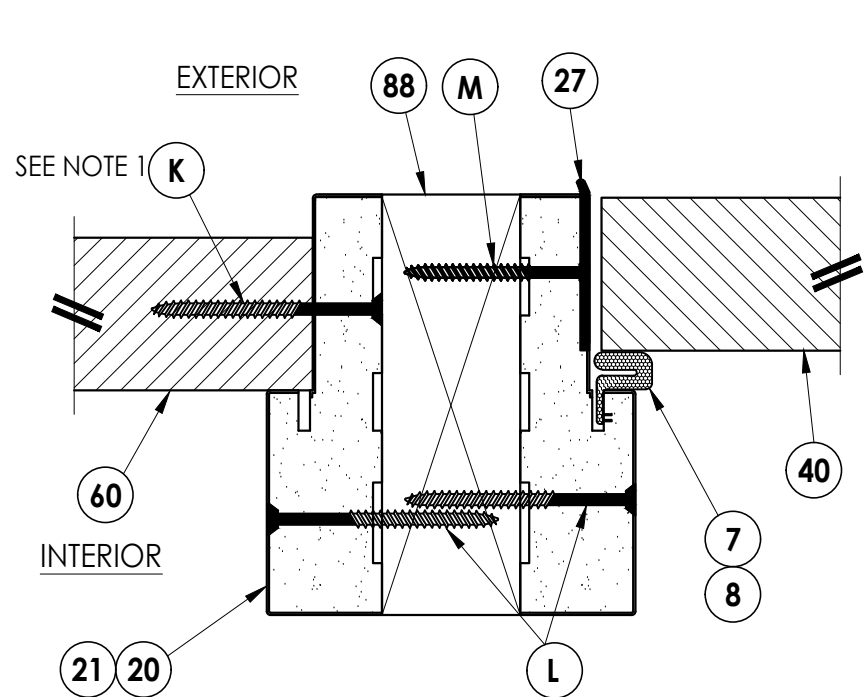


4 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved
Shown w/1X sub-buck

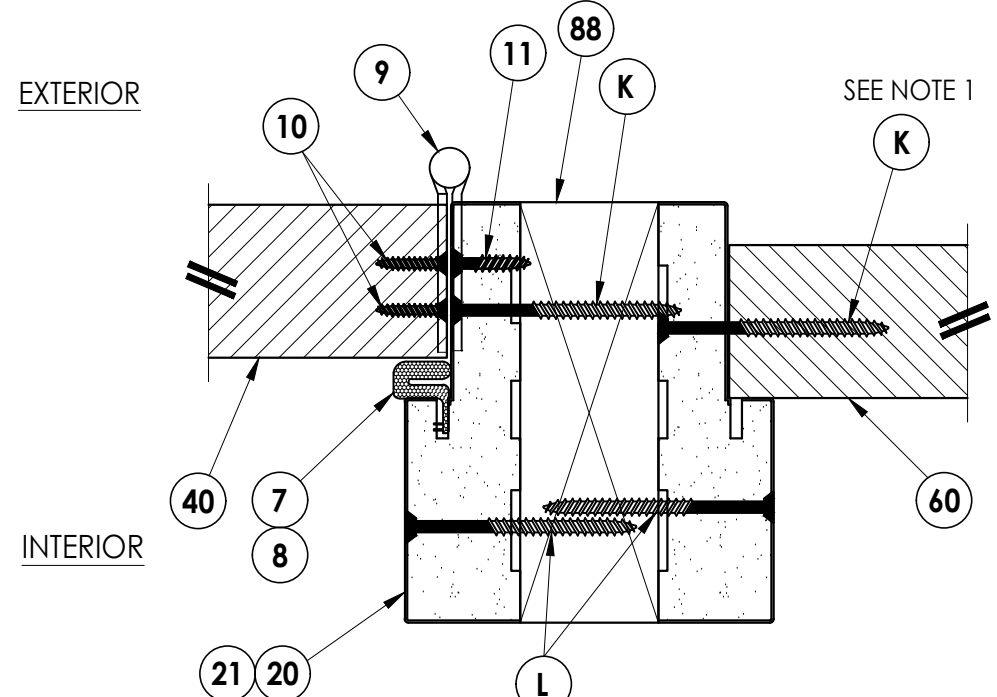


5 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved

NOTE:
1. Spacing for item K: 6" from ends
and 6 more equally spaced along
sidelite (8 total).



2 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved
Shown with 2X reinforcement

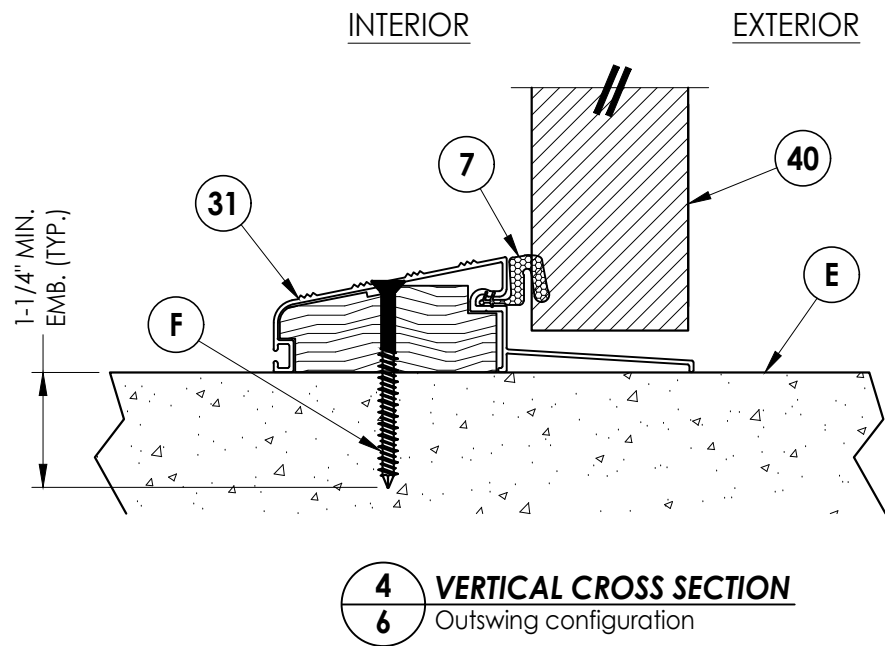
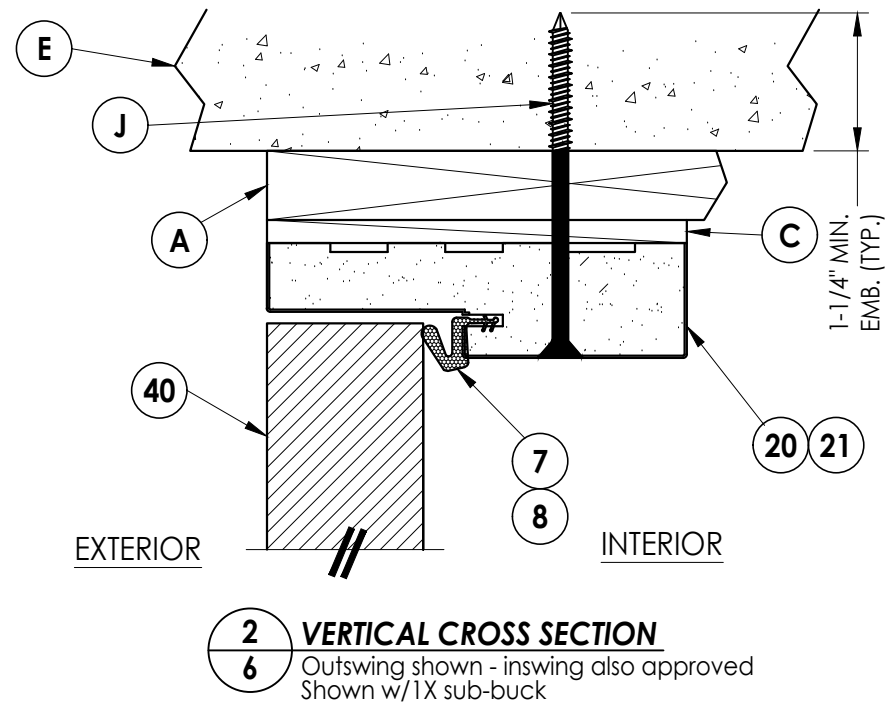
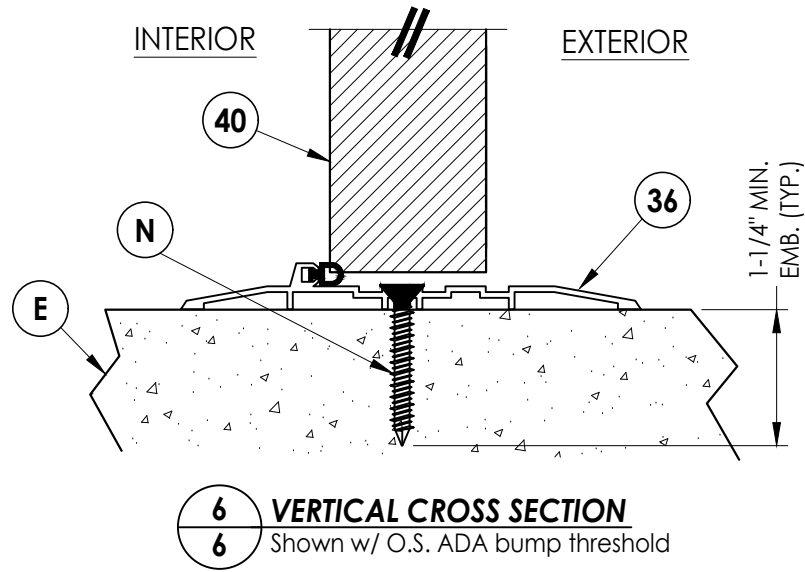
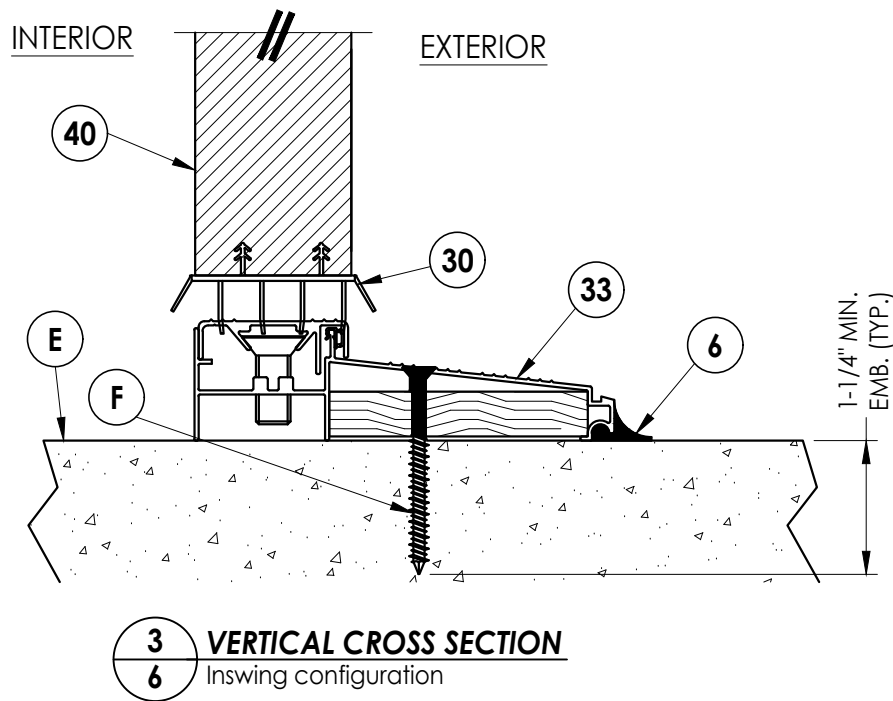
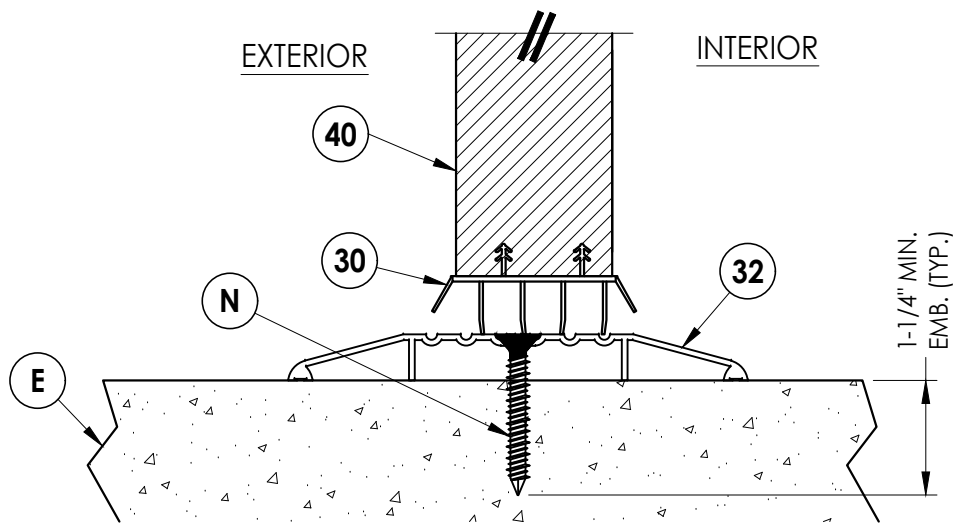
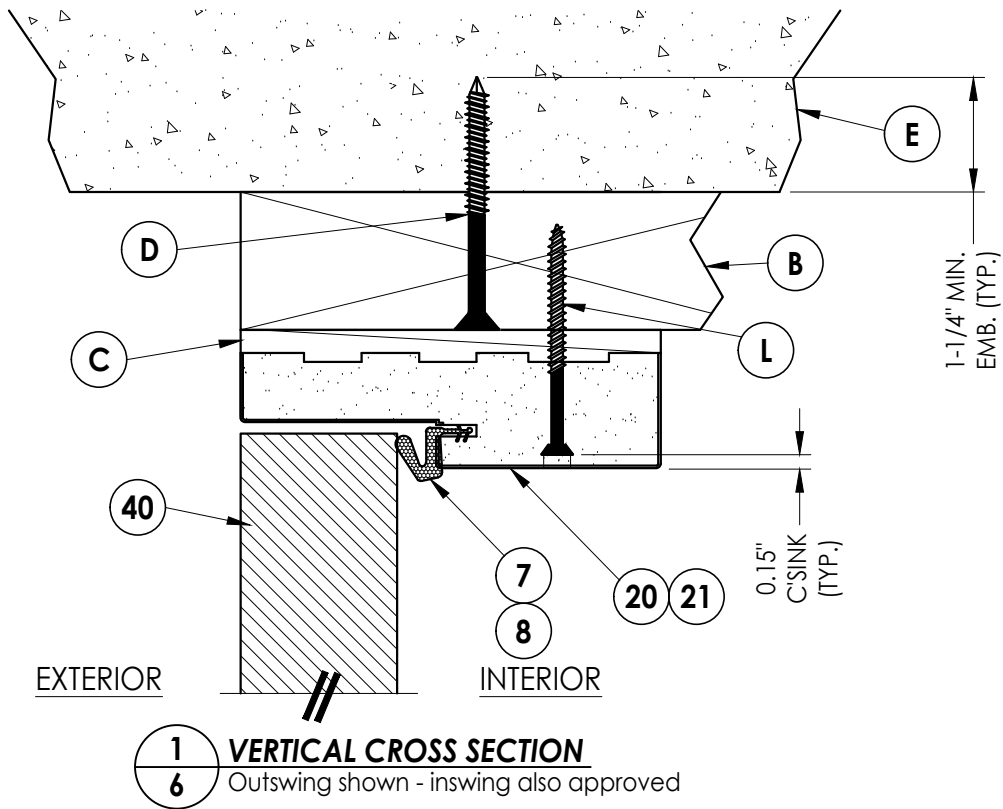


3 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved
Shown with 2X reinforcement

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 CROSS SECTIONS	
		LFS	BY
		FBC	
5	7/02/26	UPDATE TO 9TH ED. (2026)	REVISIONS
4	8/23/23	UPDATE TO 8TH ED. (2023)	
3	8/04/20	UPDATE TO 7TH ED. (2020)	
	NO. DATE		
DATE: 02/21/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17184.5			
SHEET 5 OF 10			

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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3	8/04/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

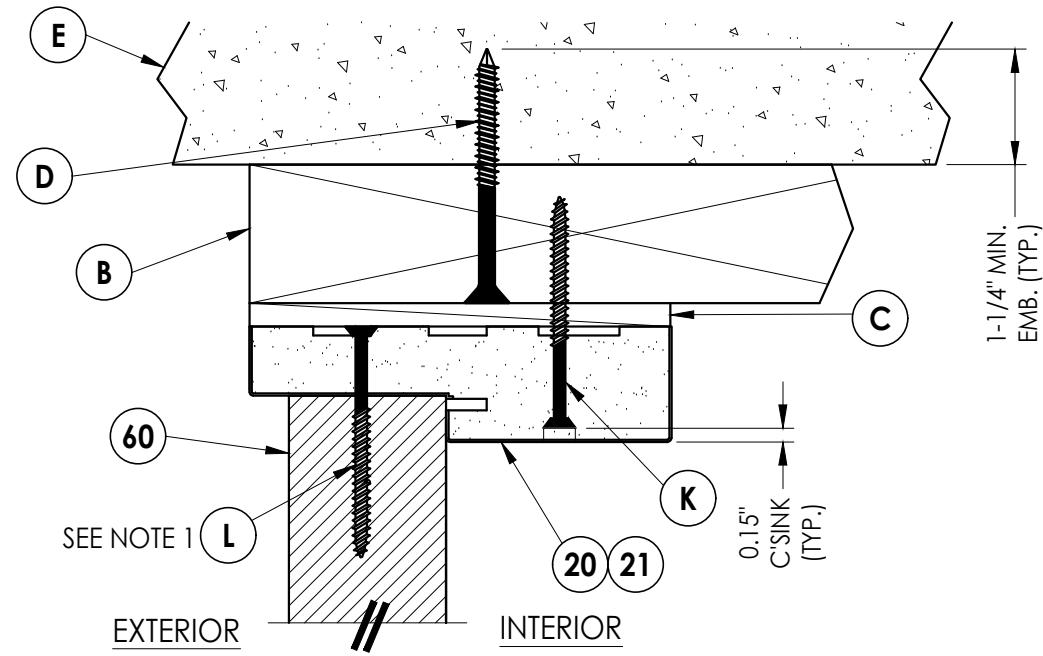
CHK. BY: LFS

DRAWING NO.: FL-17184.5

SHEET 6 OF 10

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Phone No.: 813.659.9197
FBPE Registry No. 9813

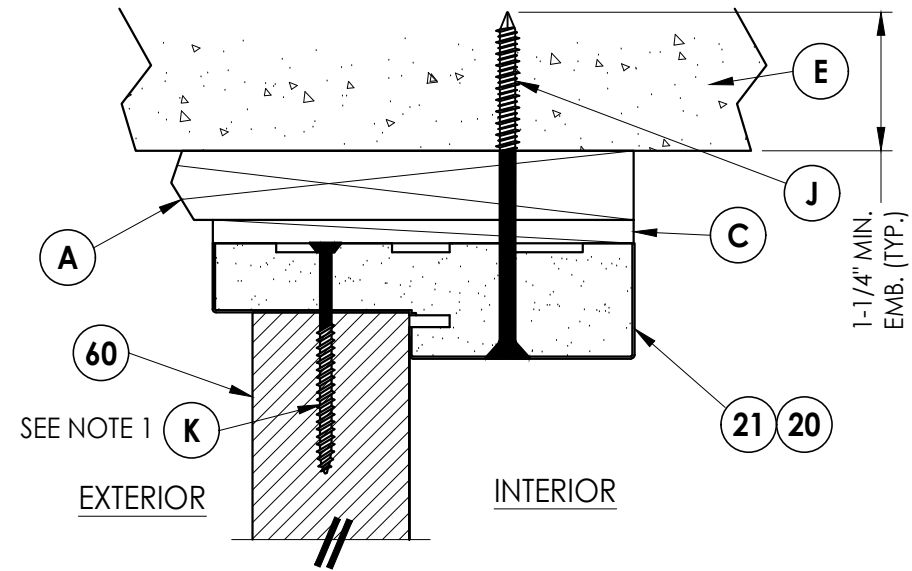
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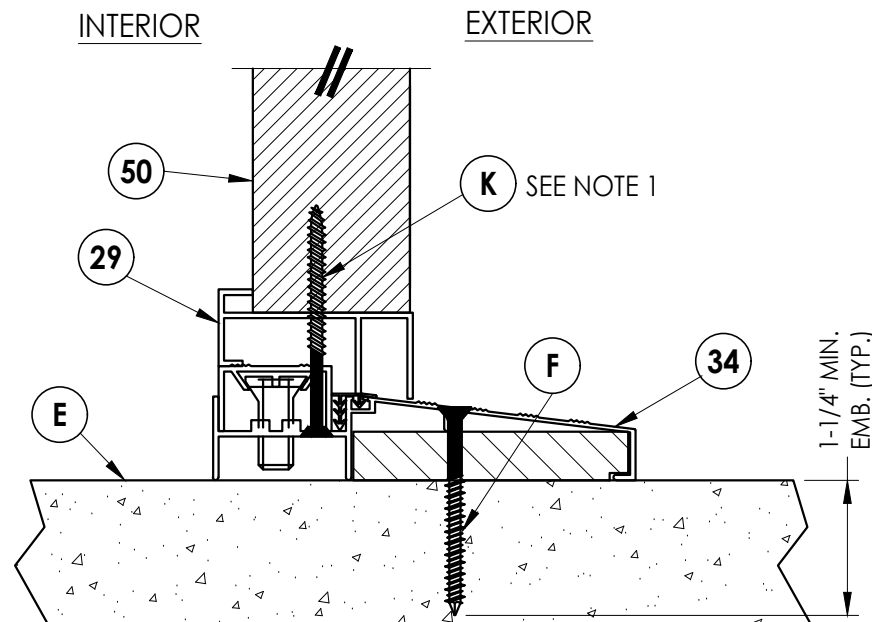
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7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved

NOTE

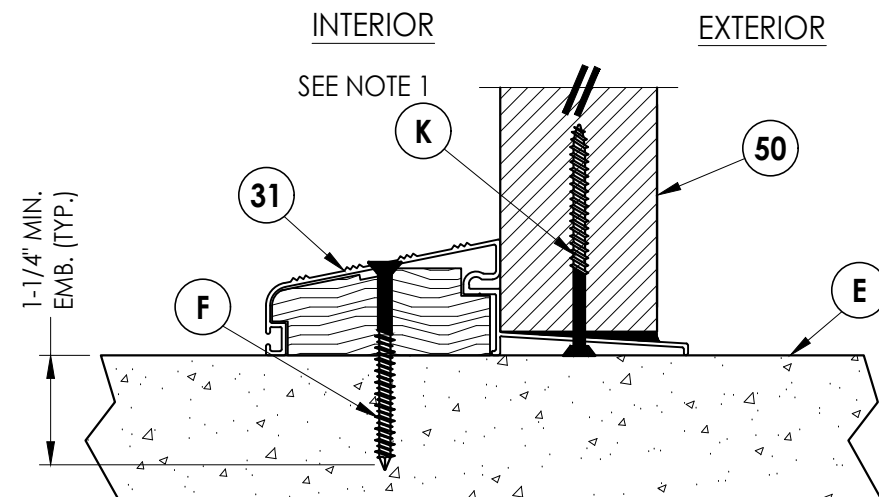
1. Spacing for item K: 6" from each end and at centerline (3 total).



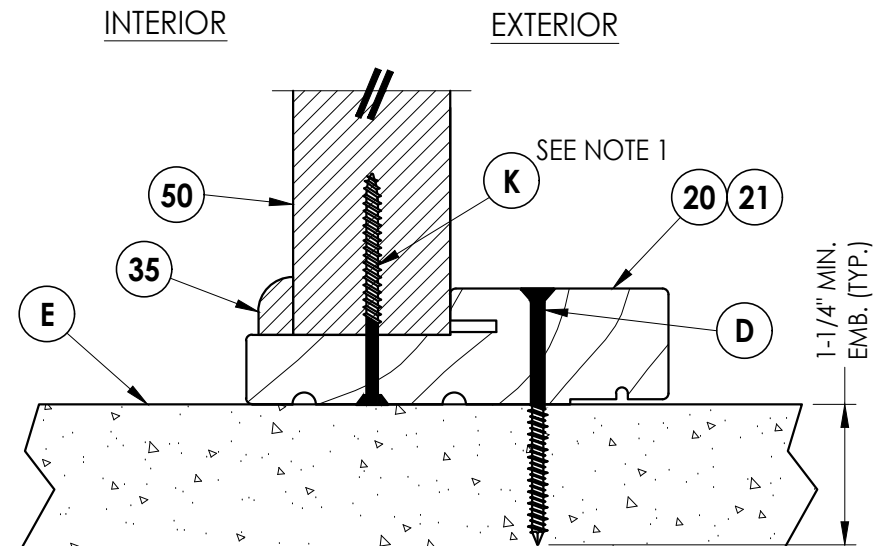
2
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved
Shown w/1X sub-buck



3
7 **VERTICAL CROSS SECTION**
Inswing configuration



4
7 **VERTICAL CROSS SECTION**
Outswing configuration



5
7 **VERTICAL CROSS SECTION**
Outswing configuration

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 No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

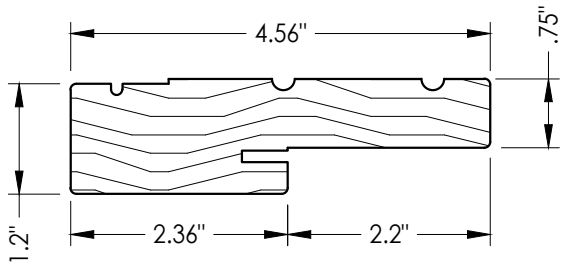
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC
NO.	DATE	BY

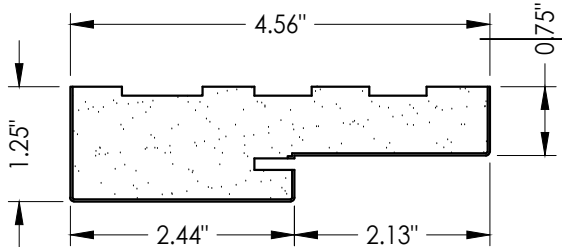
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.5
SHEET 7 OF 10

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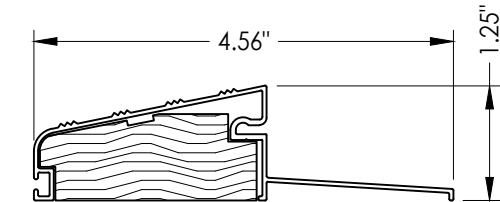
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" x 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
N	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
7	FORCE 5 WEATHERSTRIP (ENDURA)	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 (SCHLEGEL)	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	SIDELITE SPACER (ISSLB)	PVC
30	DOOR SWEEP	PVC
31	OUTSWING THRESHOLD BY DLP (QOSH)	ALUM. / WOOD
32	ADA THRESHOLD BY DLP (ISHC)	ALUM.
33	INSWING THRESHOLD BY DLP (ISCS)	ALUM. / WOOD
34	SIDELITE THRESHOLD BY DLP (ISH/ EIS)	ALUM. / WOOD
35	TRIM	WOOD
36	OUTSWING ADA BUMP THRESHOLD	ALUM.
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
88	2X REINFORCEMENT (CLEAR PINE: SG >= 0.49)	WOOD



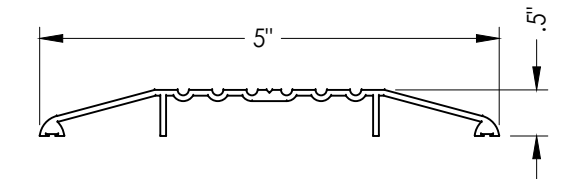
20 HEAD & SIDE
Jamb



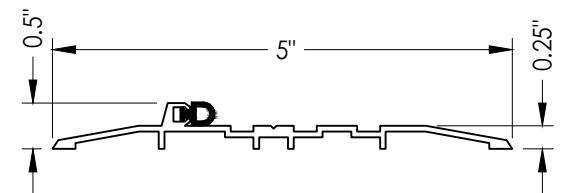
21 HEAD & SIDE
Poly fiber jamb



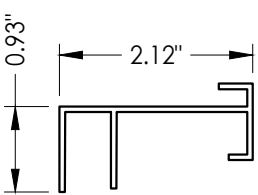
31 OUTSWING THRESHOLD
QOSH



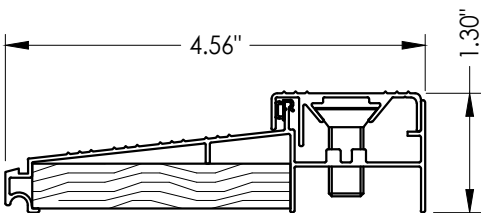
32 ADA SILL
ISHC



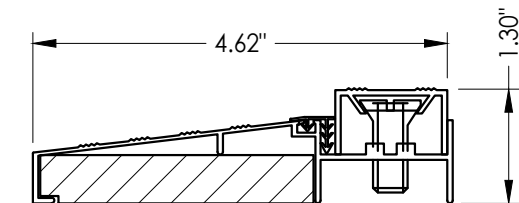
36 OUTSWING ADA BUMP THRESHOLD
OSHC



29 SIDELITE SPACER
ISSLB



33 INSWING THRESHOLD
ISCS



34 SIDELITE THRESHOLD
ISH/ EIS

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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
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3	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.5

SHEET 10 OF 10