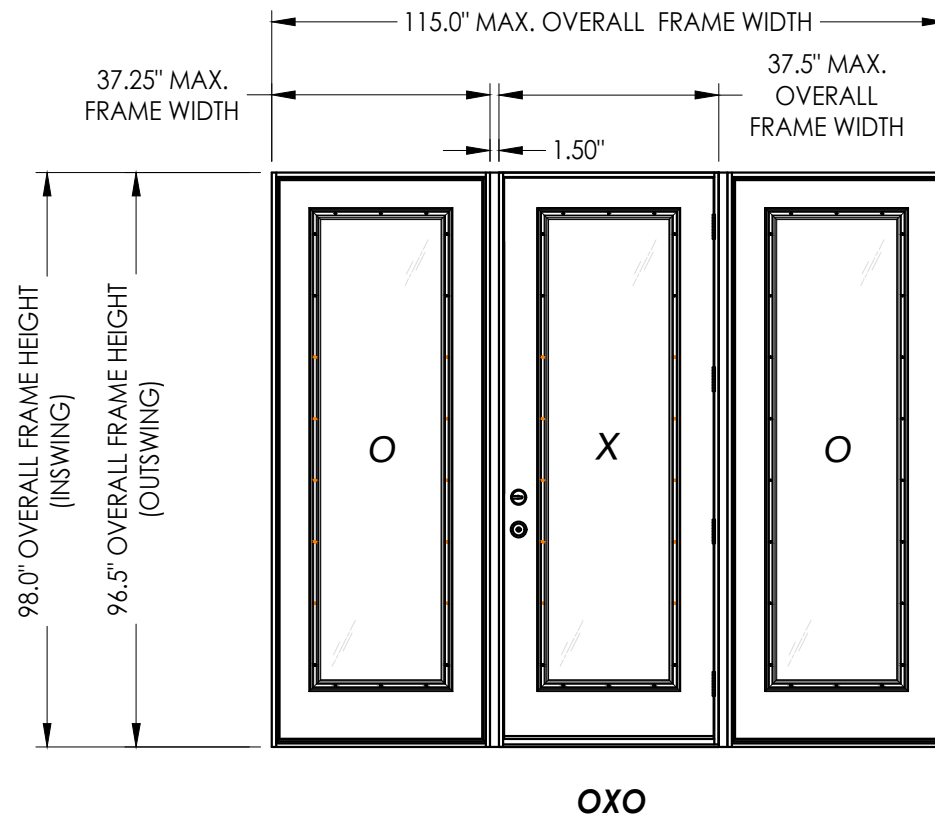


GLAZED FIBERGLASS SINGLE DOOR w/ or w/out SIDELITES INSWING/ OUTSWING "NON-IMPACT"

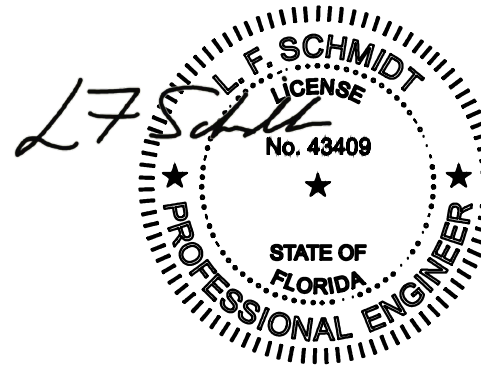
GENERAL NOTES

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 FBC Sections 1609.1.2 & R301.2.1.2.
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 and glazing detail
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	Hardware details
11	Bill of materials and components



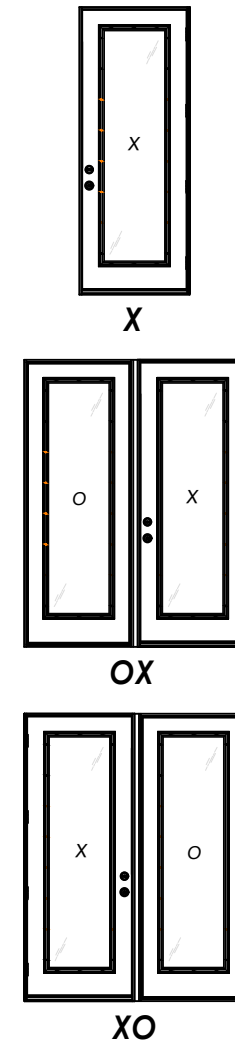
CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" X 98.0"	21.13" X 79.13"	+47.0	-47.0	+47.0	-47.0
OX/XO	76.25" X 98.0"	21.13" X 79.13"	+47.0	-47.0	+47.0	-47.0
OXO	115.0" X 98.0"	21.13" X 79.13"	+47.0	-47.0	+47.0	-47.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 09:39:01 -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

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17184.3

SHEET 1 OF 11

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

REVISIONS

INTERIOR

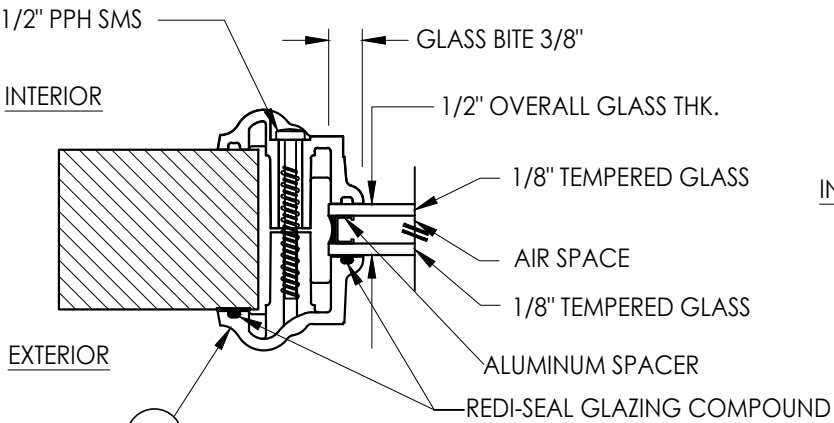
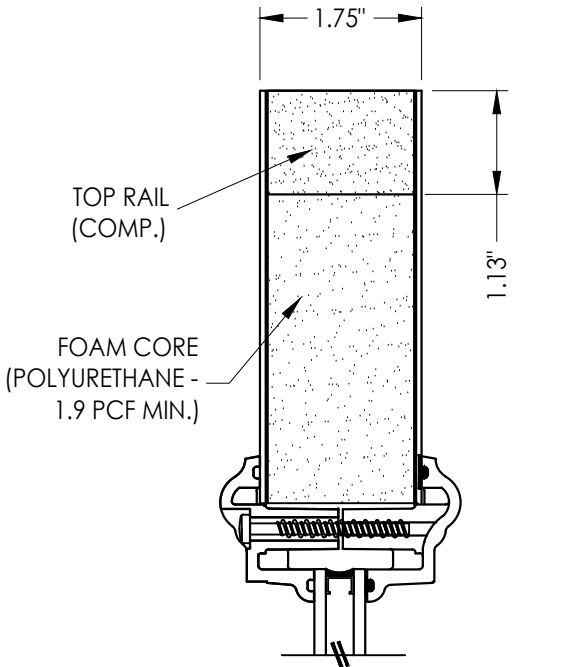
0.81" 1.22"

1.75"

STILE (COMP.)

STILE REINFORCEMENT (WOOD)

This technical drawing shows a cross-section of a door assembly. The door is composed of a core material, likely composite, reinforced with wood. The drawing includes dimensions: a width of 0.81" for the top section, a width of 1.22" for the bottom section, and a total height of 1.75". The components are labeled: STILE (COMP.) and STILE REINFORCEMENT (WOOD).



#8 X 1-1/2" PPH SMS

1.75"

1.5"

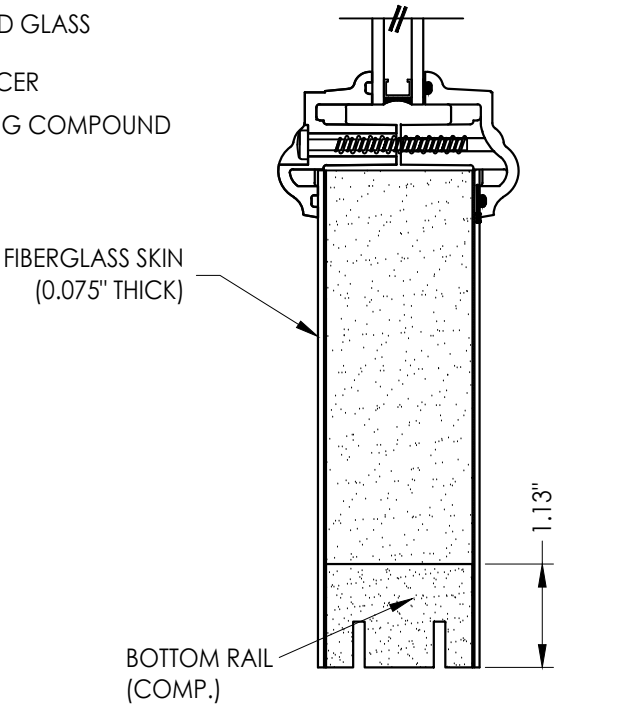
0.57"

Diagram illustrating the dimensions and hardware locations for a door panel:

- 35.75" MAX. DOOR PANEL WIDTH**: Dimension across the top of the panel.
- 95.25" MAX. DOOR PANEL HEIGHT**: Dimension along the left side of the panel.
- 2**: Dimension across the top of the panel, indicated by a circle with the number 2.
- 1**: Dimension across the bottom of the panel, indicated by a circle with the number 1.
- 2**: Dimension across the bottom of the panel, indicated by a circle with the number 2.
- SEE HARDWARE CHART**: Label pointing to the hardware locations on the panel.
- X**: Mark indicating the location of the hardware on the panel.

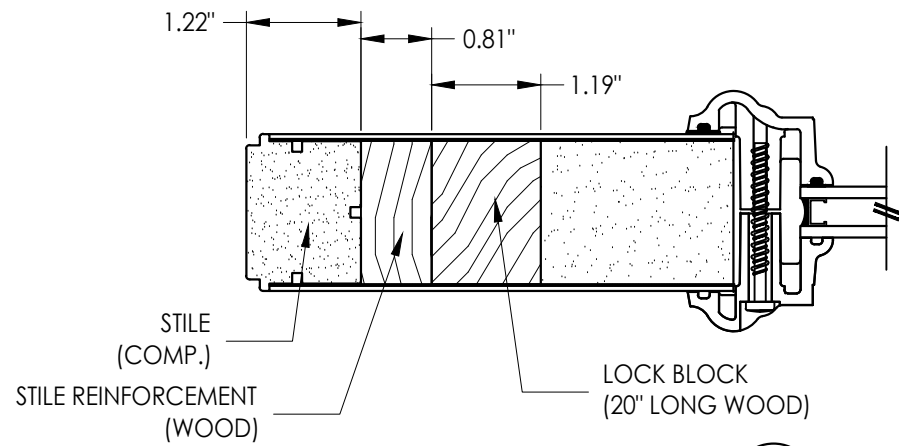
Technical drawing of a rectangular frame with the following dimensions and annotations:

- 24.13" MAX. FRAME WIDTH**: Dimension across the top of the frame.
- 21.13" MAX. D.L.O. WIDTH**: Dimension across the top of the frame, slightly smaller than the frame width.
- 82.13" MAX. O.A. FRAME HEIGHT**: Dimension along the left side of the frame.
- 79.13" MAX. D.L.O. HEIGHT**: Dimension along the left side of the frame, slightly smaller than the frame height.
- 9.875" MAX ON CENTER**: Dimension across the right side of the frame.
- 6.5" (TYP)**: Dimension across the right side of the frame, slightly smaller than the on-center dimension.
- 3.25" (TYP)**: Dimension across the bottom of the frame.
- #8 X 1-1/2" PPH SMS**: Annotation pointing to the top edge of the frame.
- #8 X 1-1/2" PPH SMS**: Annotation pointing to the right edge of the frame.

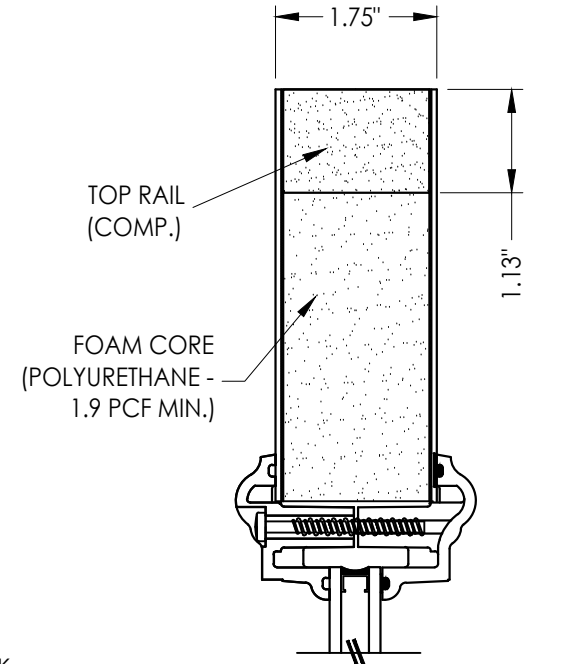
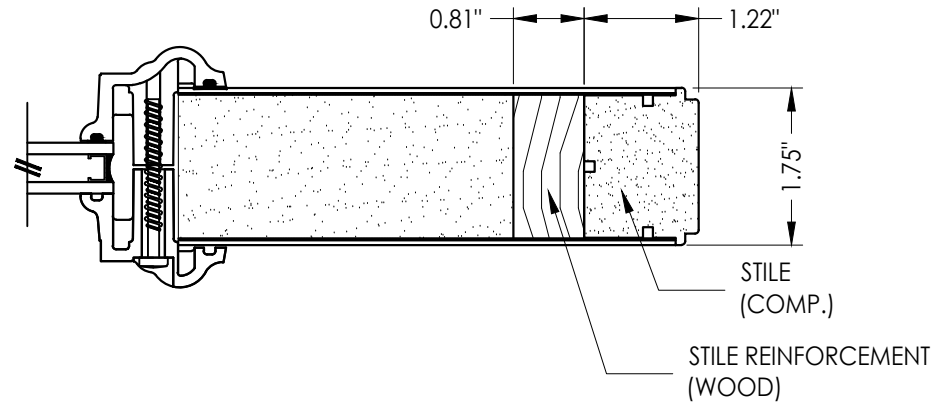


DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17184.3
SHEET	2 OF 11

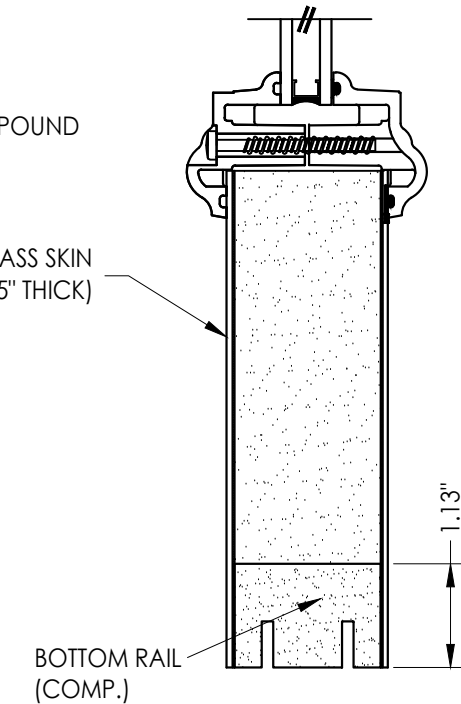
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



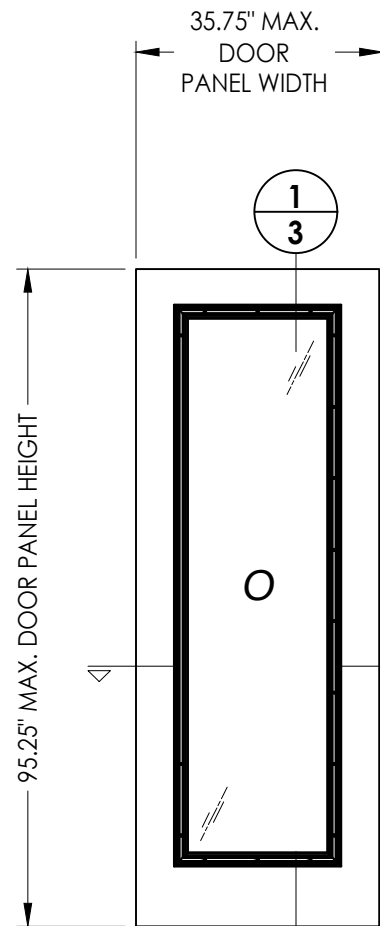
1
2 **HORIZONTAL CROSS SECTION**



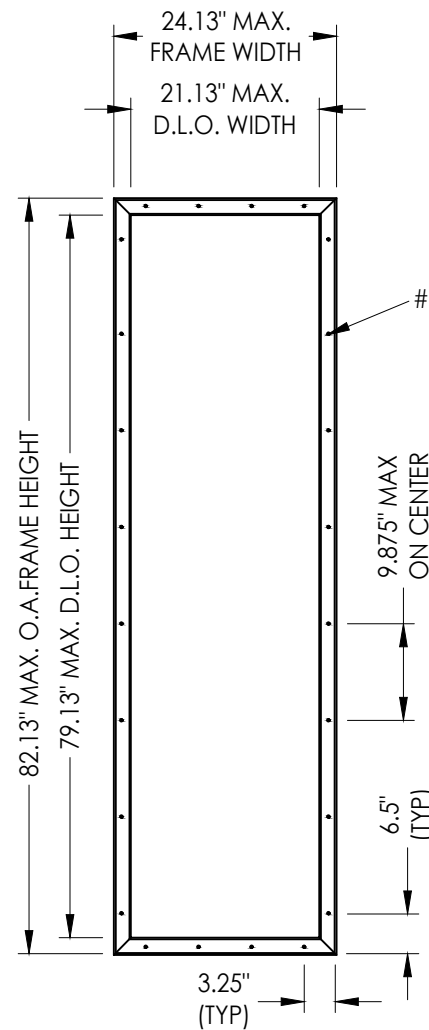
INTERIOR EXTERIOR



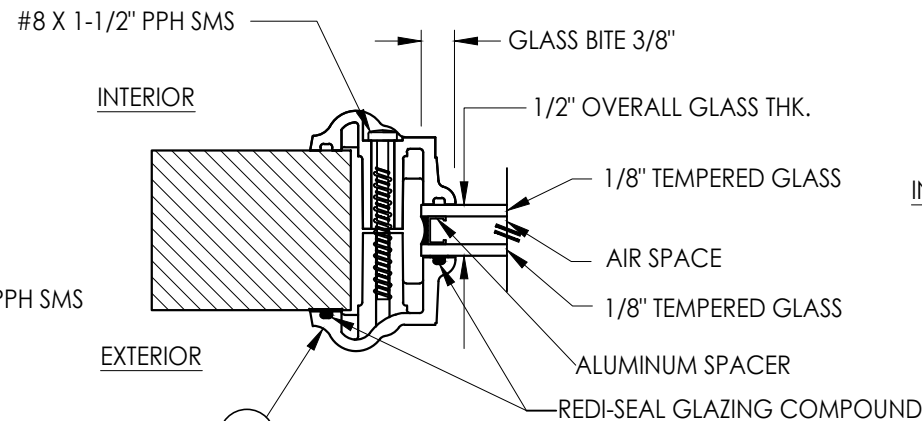
2
2 **VERTICAL CROSS SECTION**



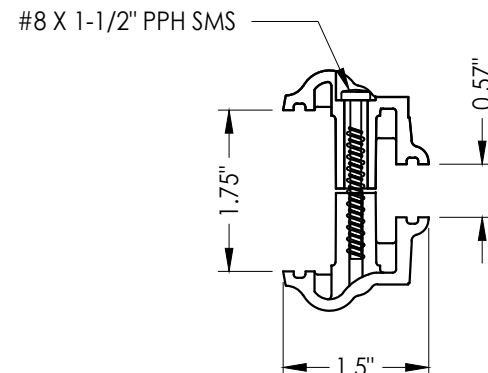
60 **SIDELITE PANEL**



ODL LITE FRAME



G1 **GLAZING DETAIL**



2A **ODL LITE FRAME**
HP Polypropylene

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

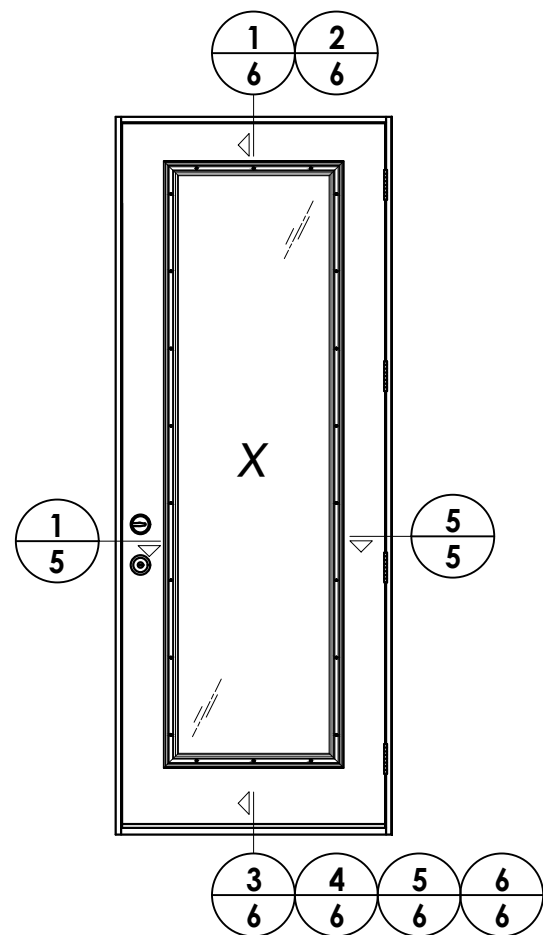
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

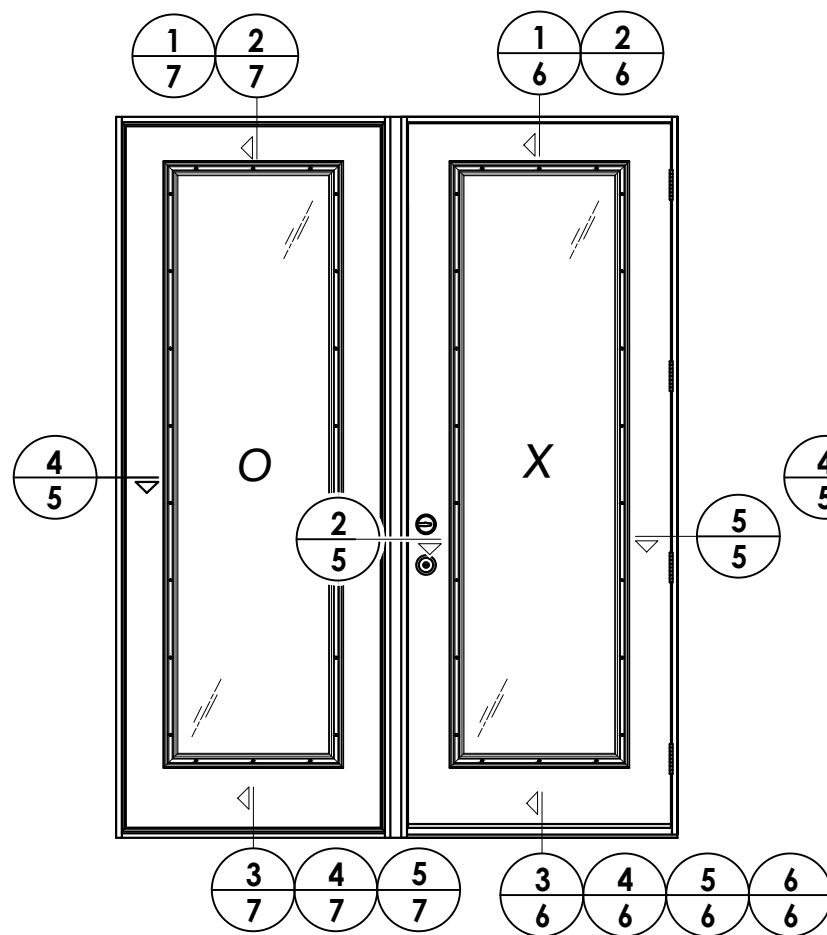
PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/04/20	UPDATE TO 7th ED. (2020) FBC DAC
		BY

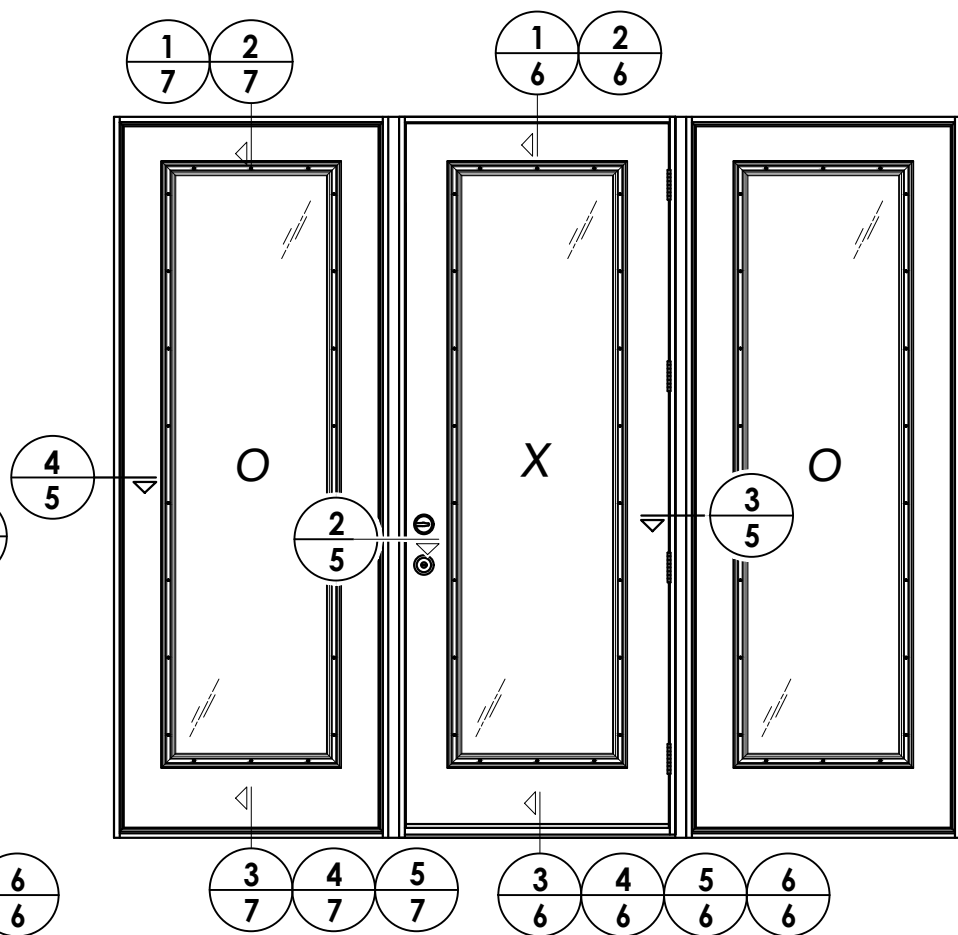
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-17184.3
SHEET 3 OF 11



ELEVATION (X)



ELEVATION (XO - OX)



ELEVATION (OXO)

[illegible]

DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17184.3
SHEET	<u>4</u> OF <u>11</u>

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

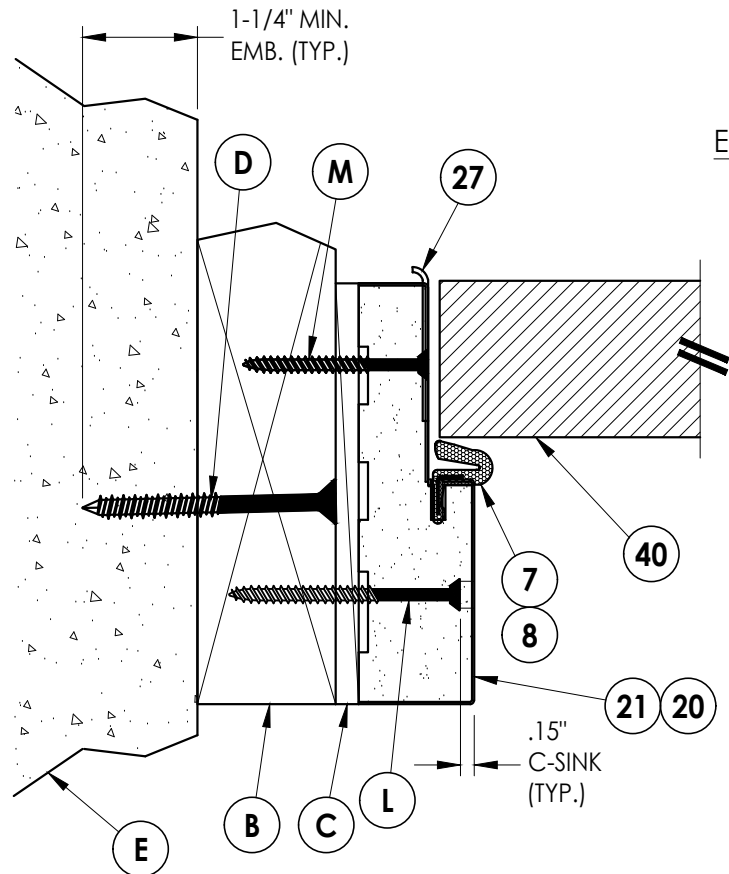
PART OR ASSEMBLY:

ELEVATIONS

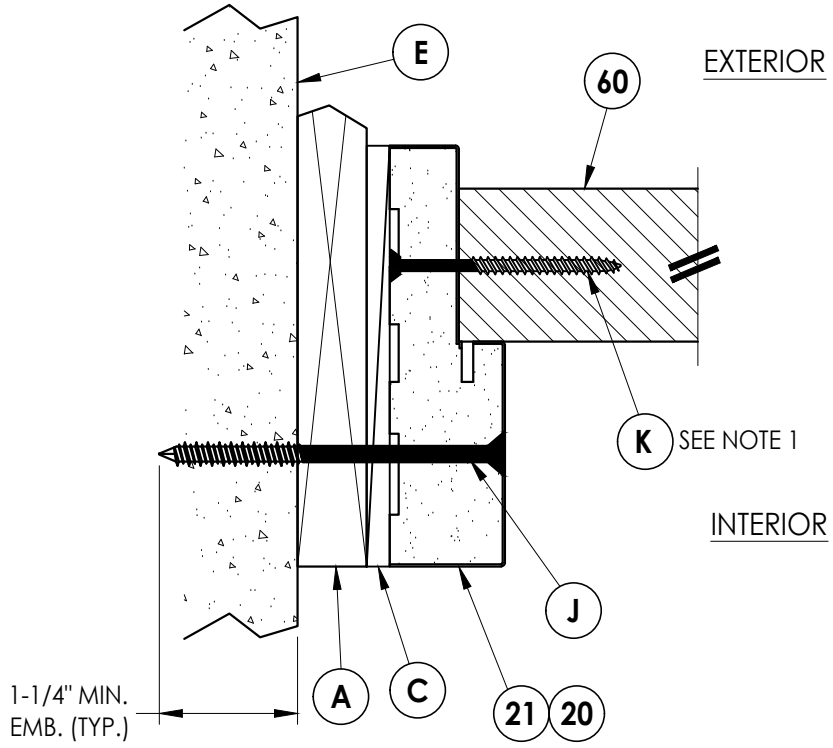
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

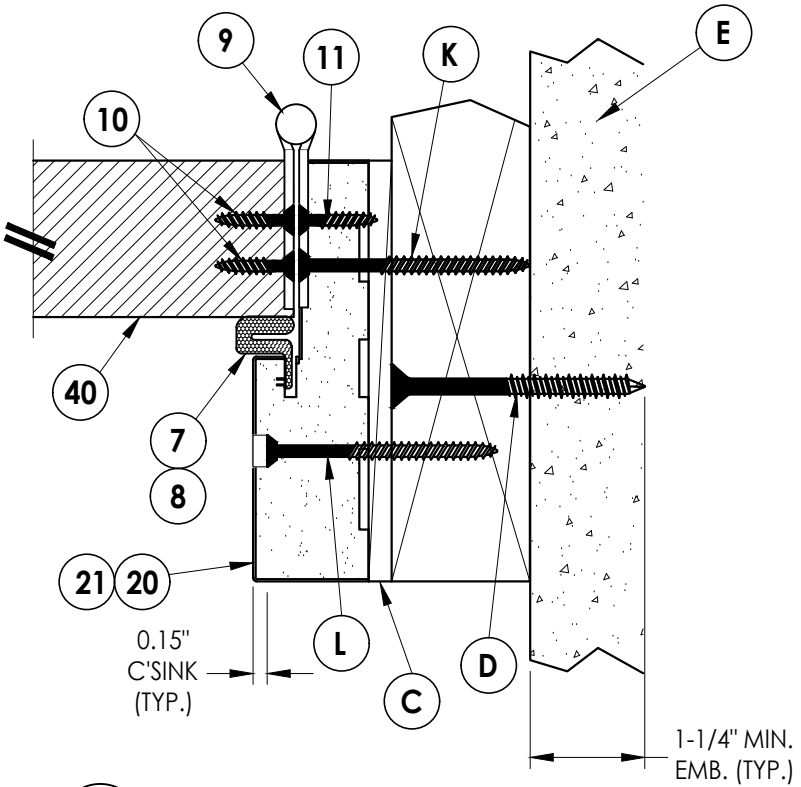
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



1 HORIZONTAL CROSS SECTION
5 Outswing shown - inswing also approved



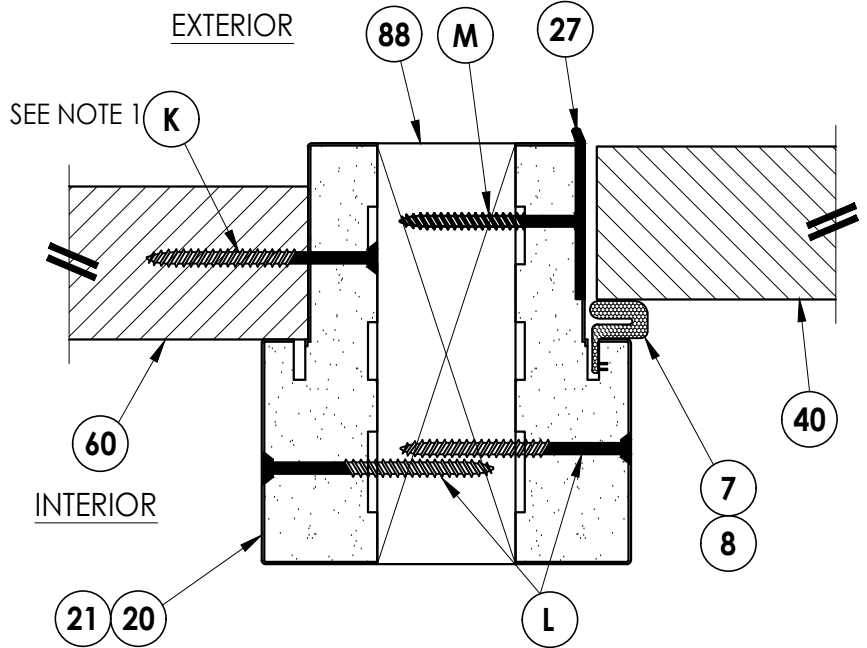
4 HORIZONTAL CROSS SECTION
5 Outswing shown - inswing also approved
Shown w/1X sub-buck



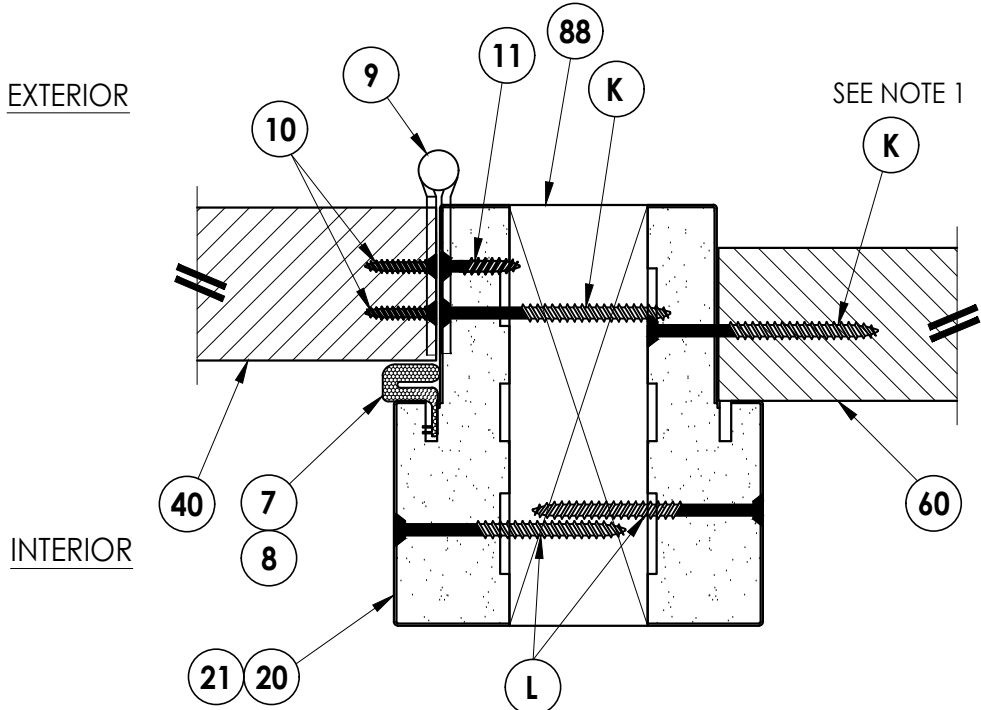
5 HORIZONTAL CROSS SECTION
5 Outswing shown - inswing also approved

NOTE:

1. Spacing for item K: 6" from ends and 8 more equally spaced along sidelite (10 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

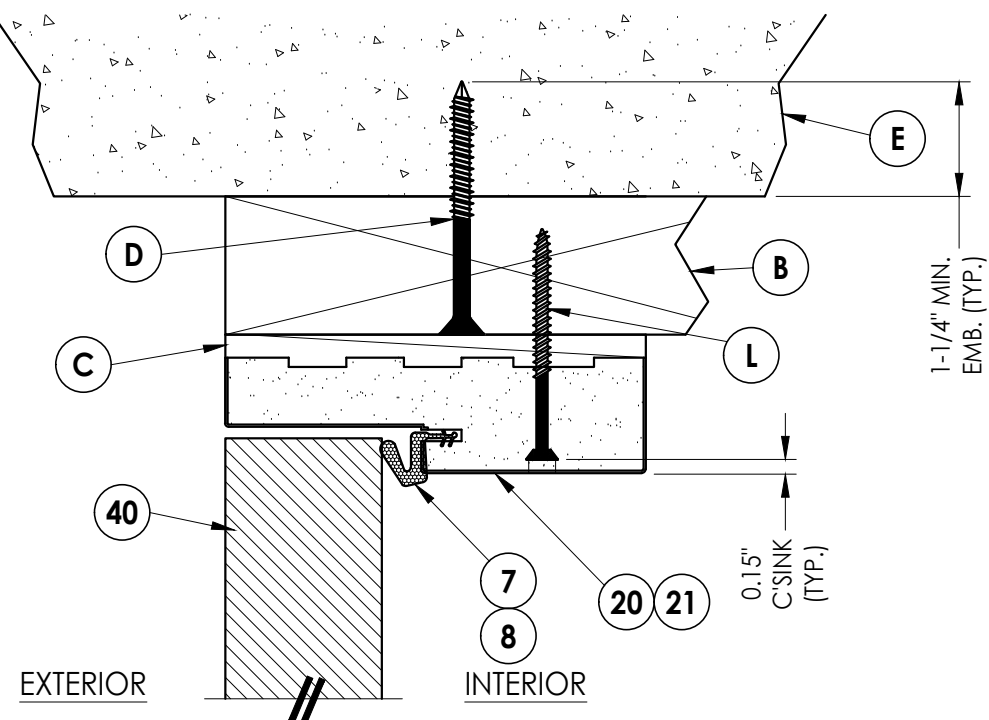
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

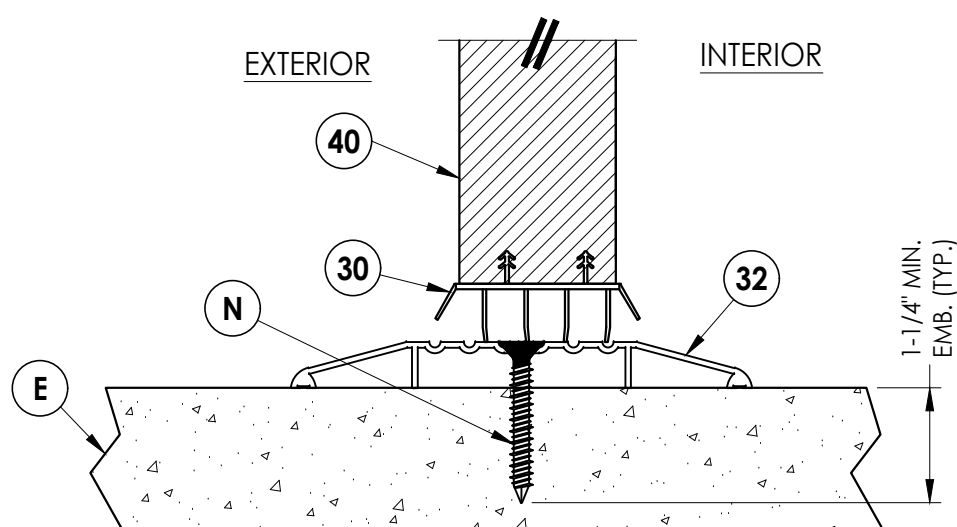
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC
3		
2		
1		

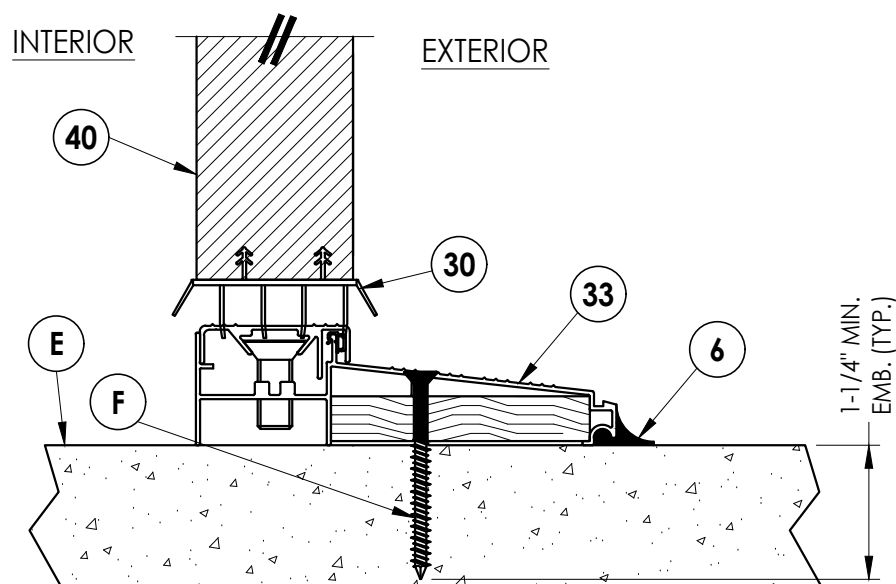
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.3
SHEET 5 OF 11



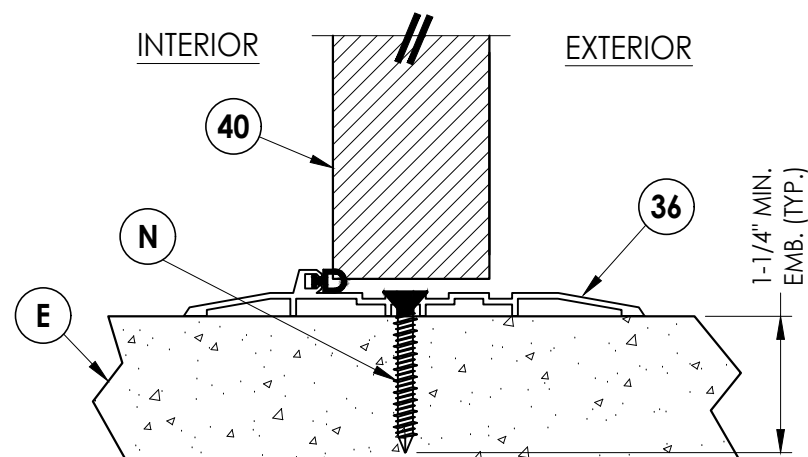
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing also approved



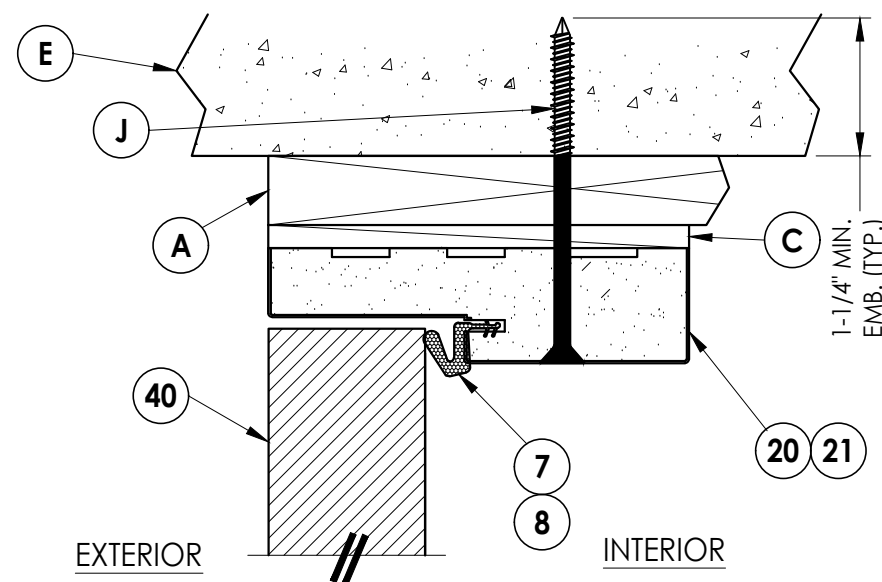
5 VERTICAL CROSS SECTION
6 Shown w/ ADA threshold



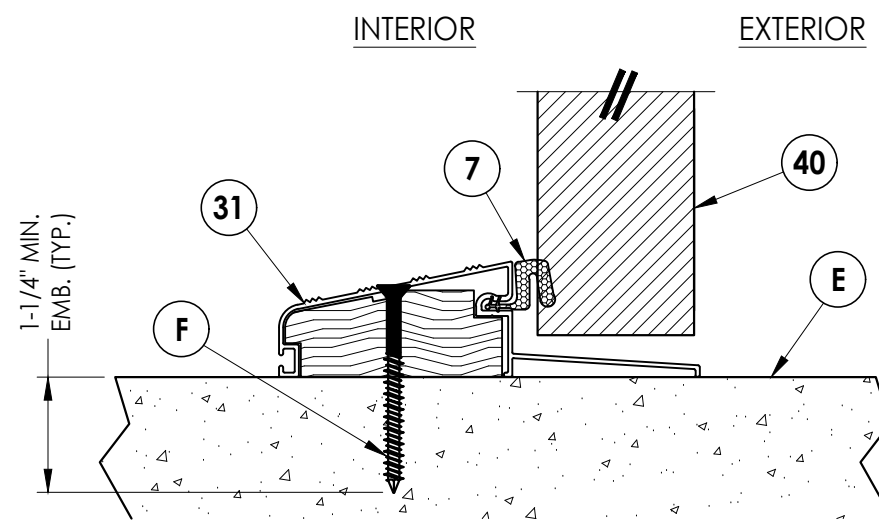
3 **VERTICAL CROSS SECTION**
6 Inswing configuration



6 VERTICAL CROSS SECTION
 6 Shown w/ O.S. ADA bump threshold



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



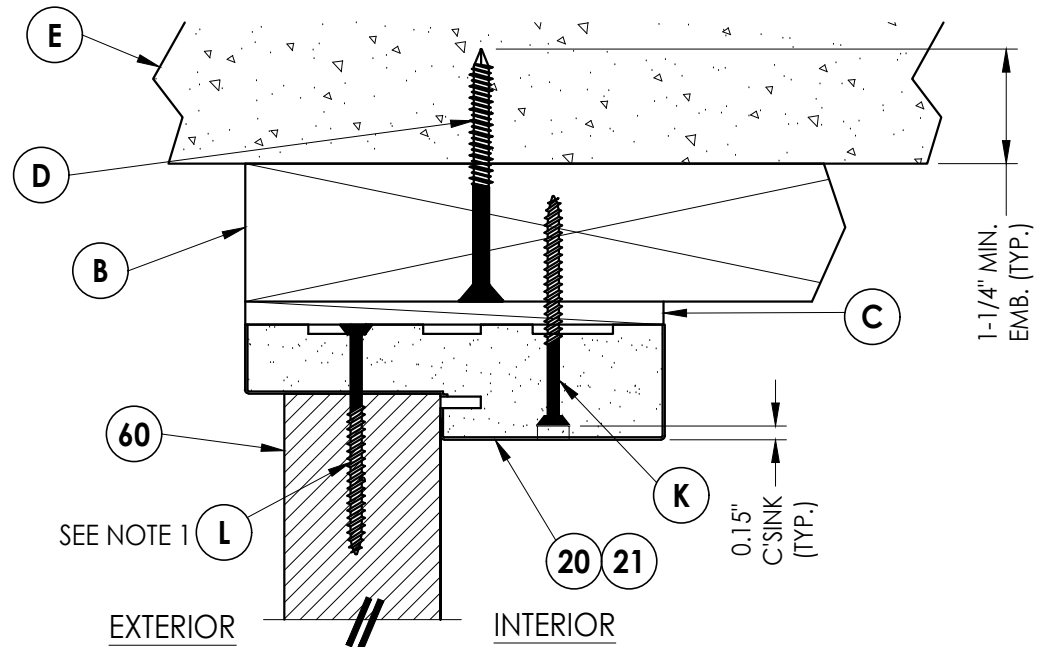
4 VERTICAL CROSS SECTION

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
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			

6	7/02/26	UPDATE TO 9TH ED. (2026) FBC				LFS			
5	8/22/23	UPDATE TO 8TH ED. (2023) FBC				LFS			
4	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-17184.3	
SHEET	6 OF 11

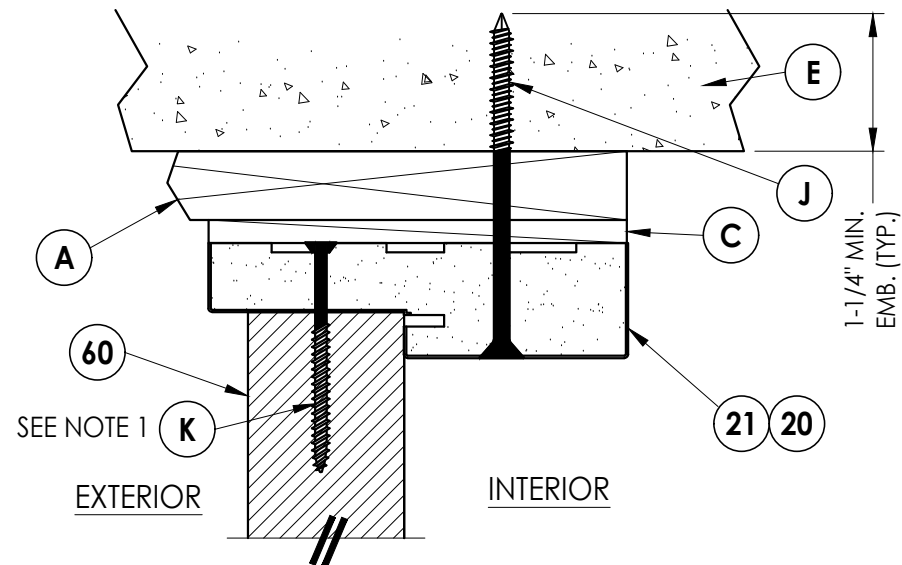
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



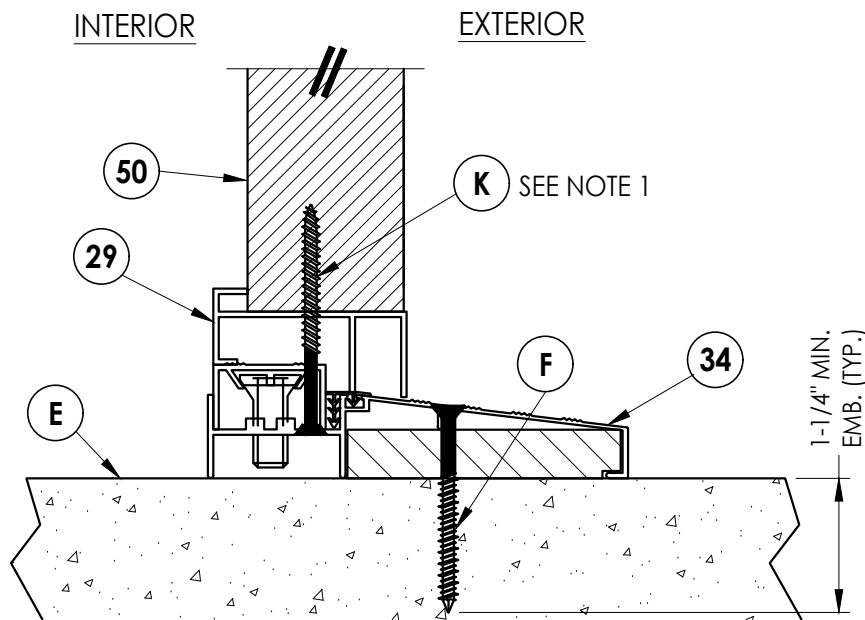
1
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved

NOTE

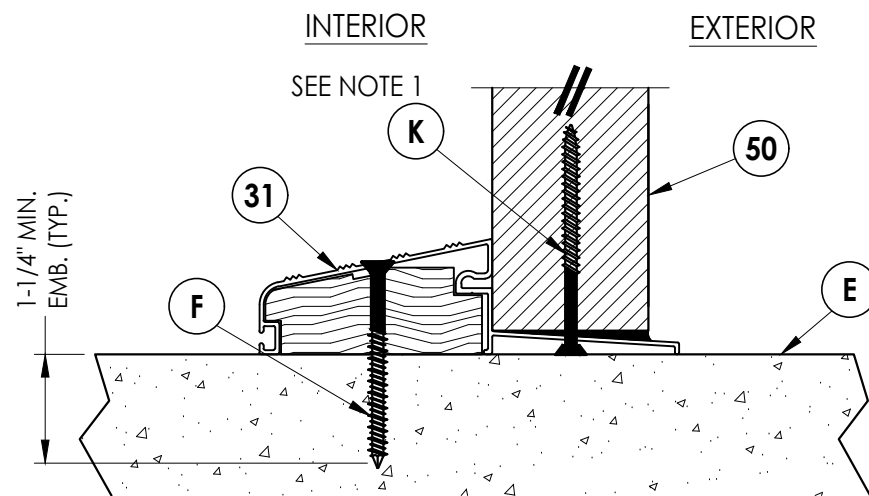
1. Spacing for item K: 6" from each end and at centerline (3 total).



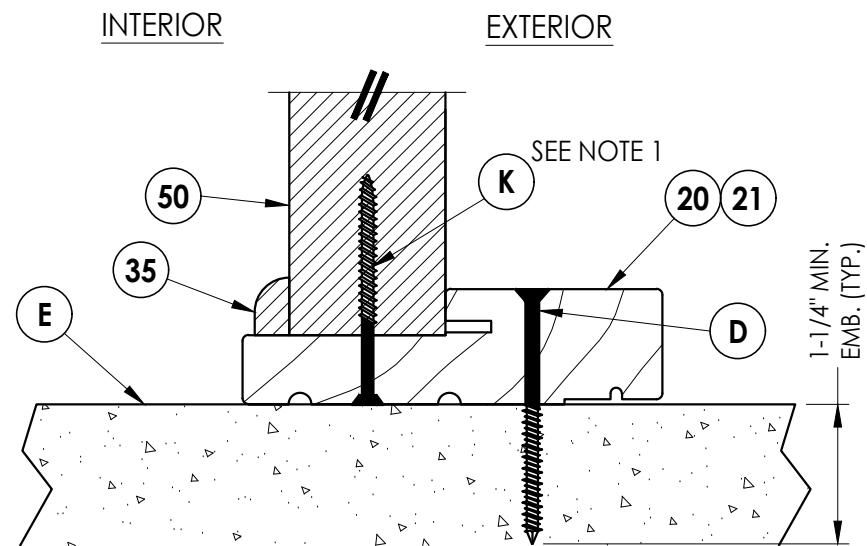
2
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved
Shown w/1X sub-buck



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, Valrico, 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
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/22/23	UPDATE TO 8TH ED. (2023) FBC
4	8/04/20	UPDATE TO 7th ED. (2020) FBC

DATE: 02/21/12

SCALE: N.T.S.

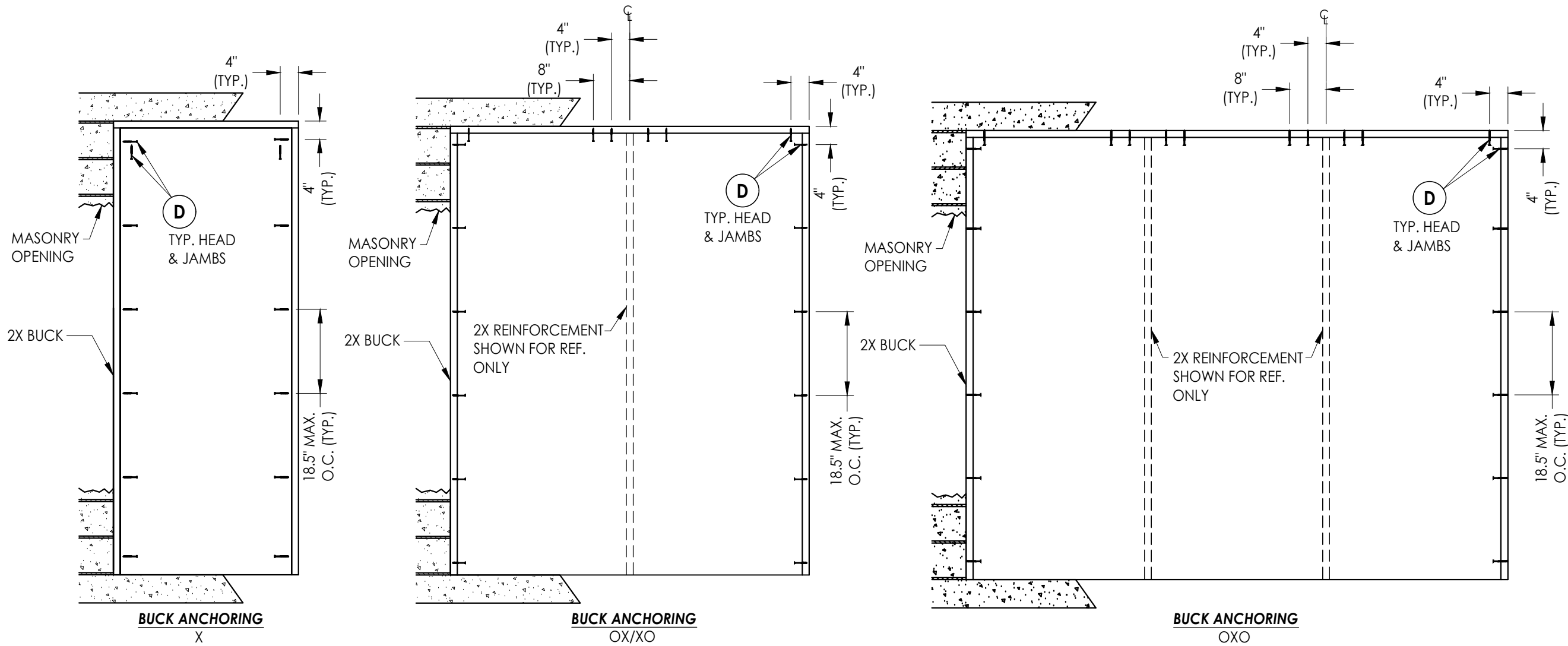
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17184.3

SHEET 7 OF 11

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



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"

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

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

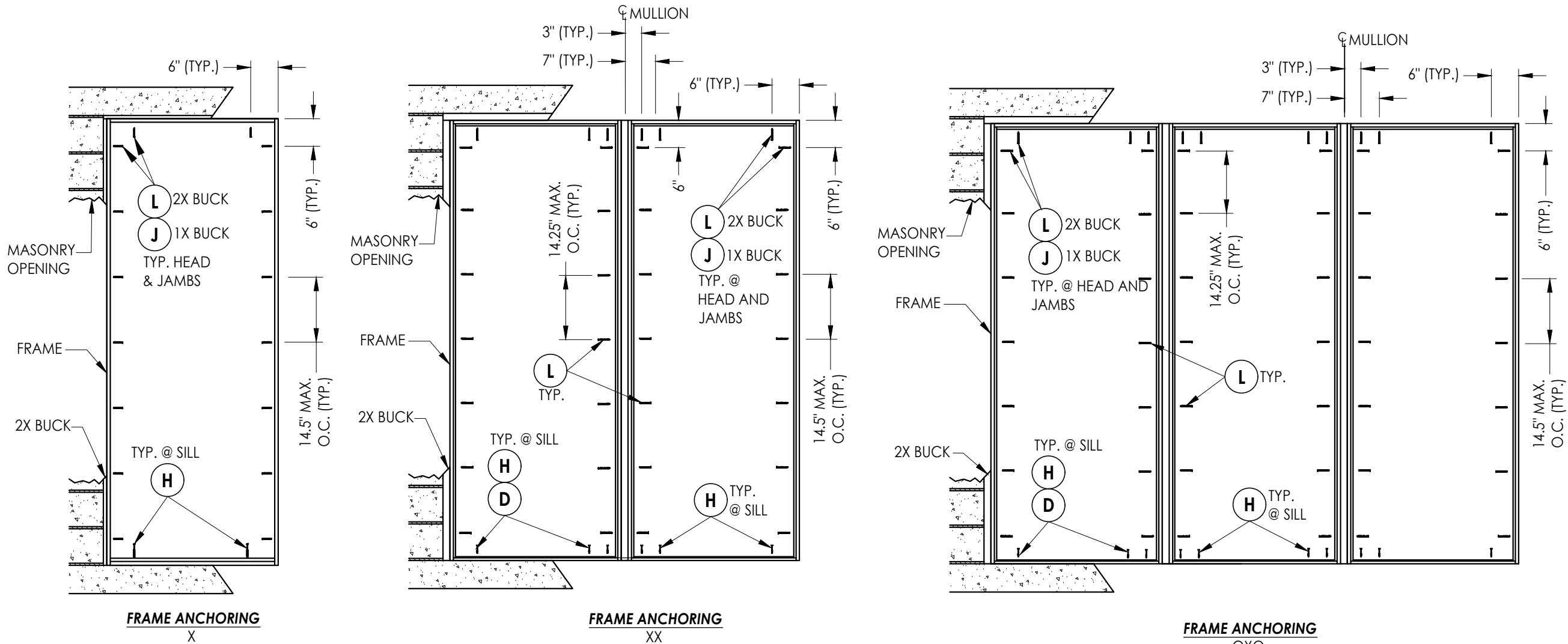
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/22/23	UPDATE TO 8TH ED. (2023) FBC
4	8/04/20	UPDATE TO 7th ED. (2020) FBC
3		
2		
1		

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-17184.3
SHEET 8 OF 11

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



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 ULTRA CON+®	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.

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.

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 02/21/12

SCALE: N.T.S.

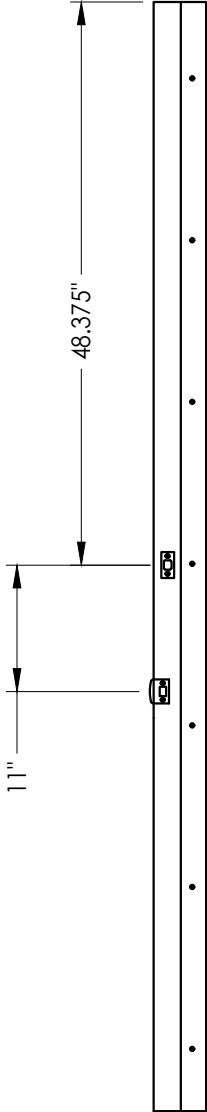
DWG. BY: JK

CHK. BY: LFS

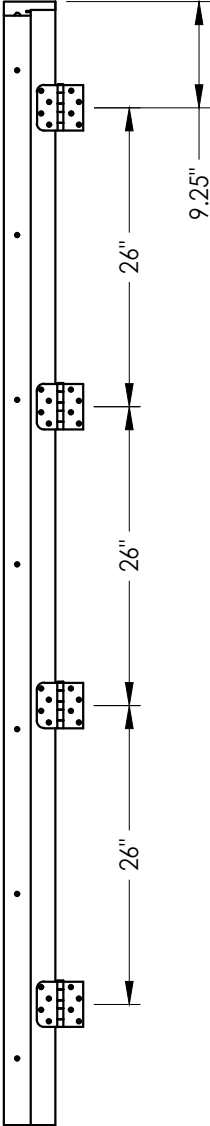
DRAWING NO.:
FL-17184.3

SHEET 9 OF 11

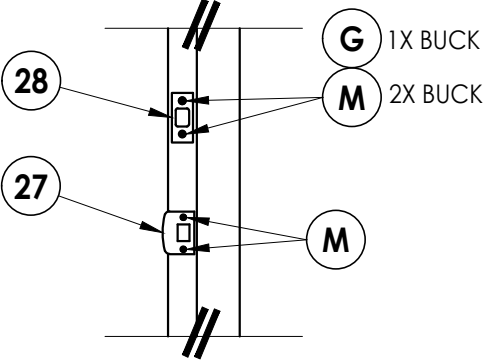
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg



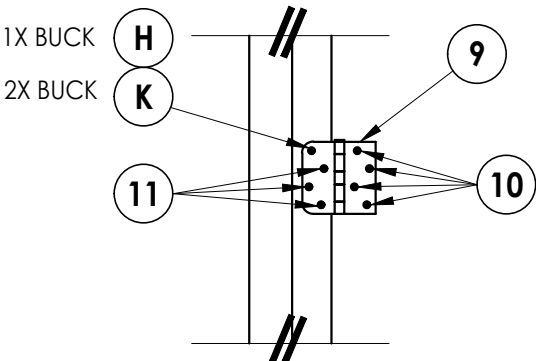
STRIKE JAMB



HINGE JAMB



LATCH & DEADBOLT DETAIL

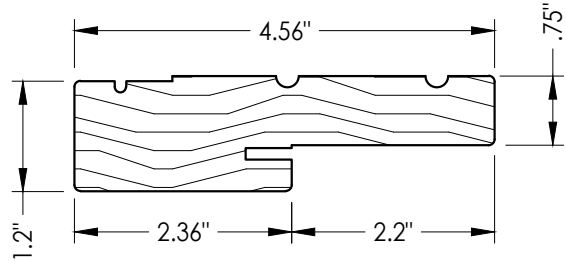


HINGE DETAIL

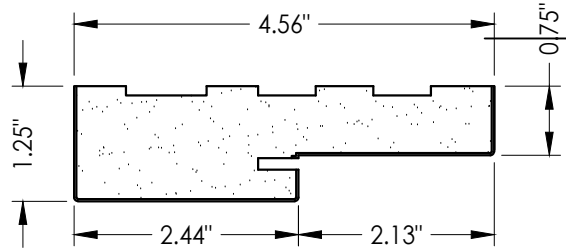
DATE: 02/21/12				PRODUCT:				Documents Prepared By:			
SCALE: N.T.S.								Lyndon F. Schmidt			
DWG. BY: JK								P.E. No. 43409			
CHK. BY: LFS								<			

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.3.dwg

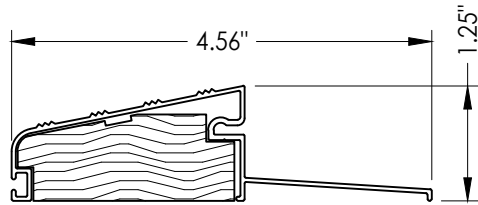
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-1/4"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



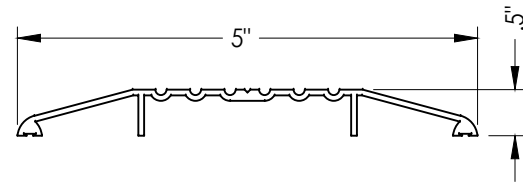
20 HEAD & SIDE
Jamb



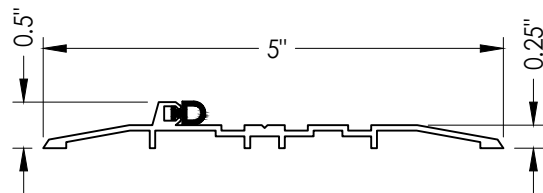
21 HEAD & SIDE
Poly fiber jamb



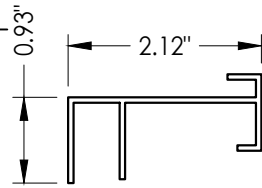
31 OUTSWING THRESHOLD
QOSH



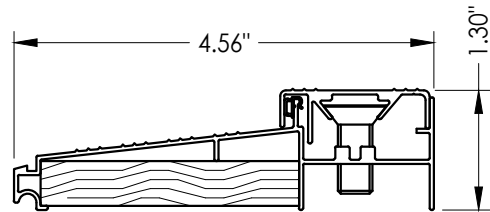
32 ADA SILL
ISHC



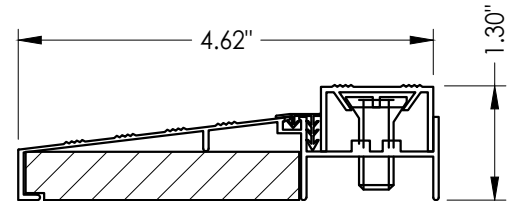
36 OUTSWING ADA BUMP THRESHOLD
OSHC



29 SIDELITE SPACER
ISSLB



33 INSWING THRESHOLD
ISCS



34 SIDELITE THRESHOLD
ISH/ EIS

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: BILL OF MATERIALS & COMPONENTS	
		LFS	
		LFS	
		DAC	
		BY	
		REVISIONS	
		NO.	DATE
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
5	8/22/23	UPDATE TO 8TH ED. (2023)	FBC
4	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-17184.3			
SHEET 11 OF 11			