



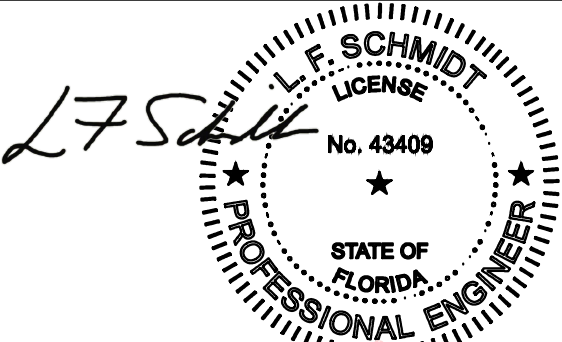
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOUBLE 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.

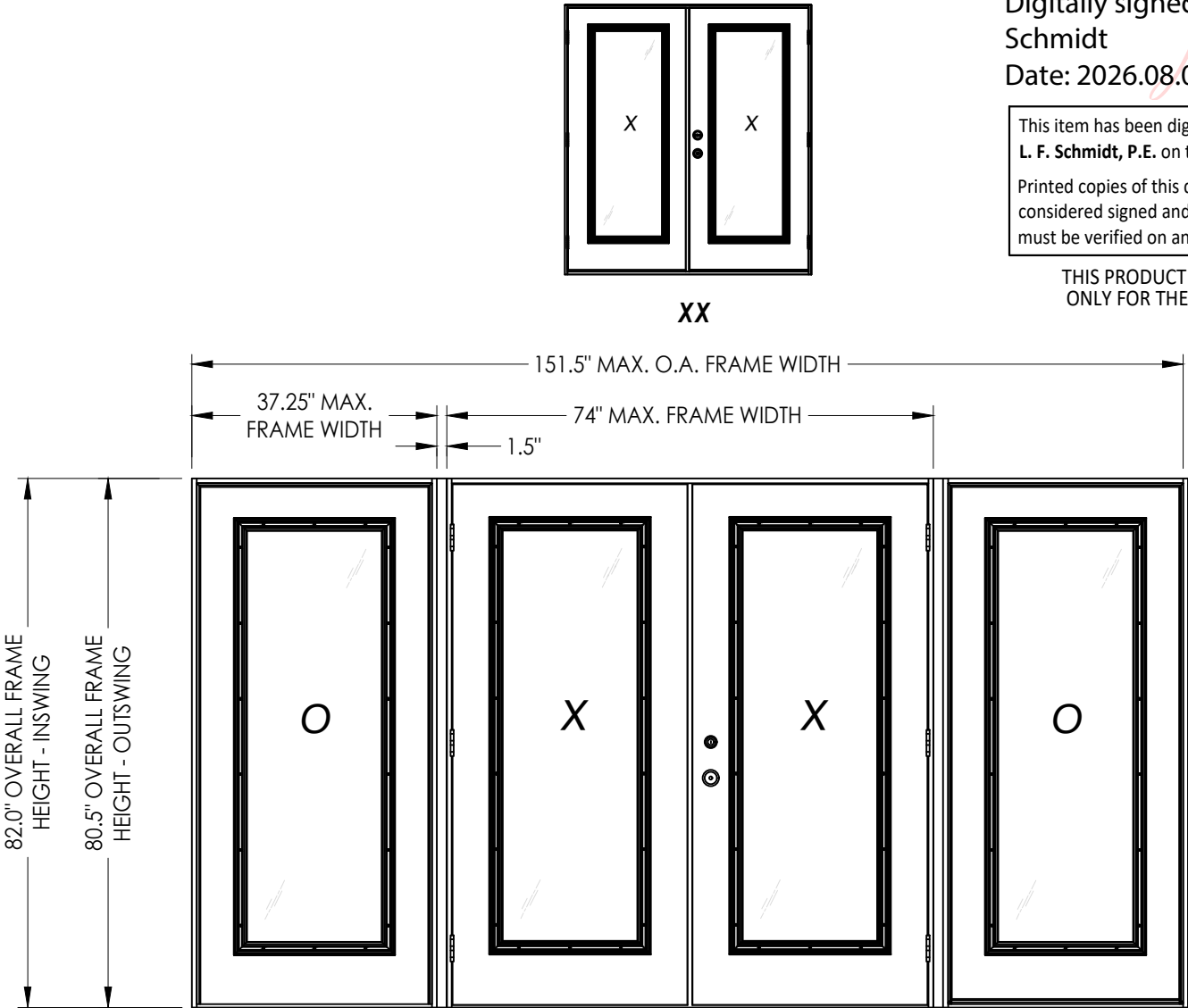
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Astragal details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



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 09:43:50 -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



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74" X 82.0"	N/A	+50.0	-50.0	+50.0	-50.0
OXXO	151.5" 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

PLASTPRO INC.
FIBERGLASS DOOR

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

7	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	10/17/22	ADD DLP ASTRAGAL	DAC
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

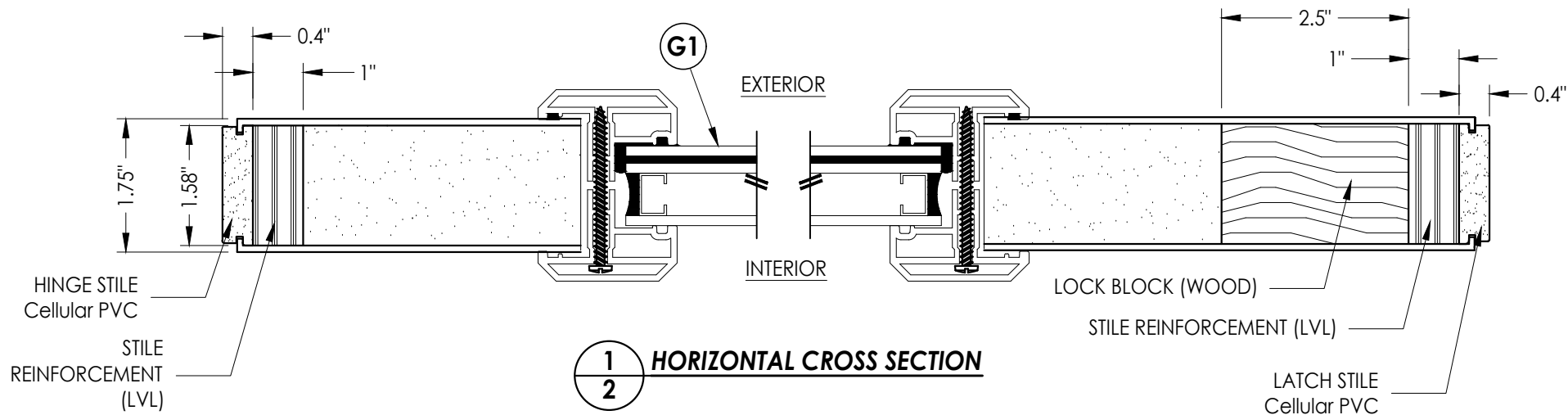
DRAWING NO.: FL-17184.10

SHEET 1 OF 12

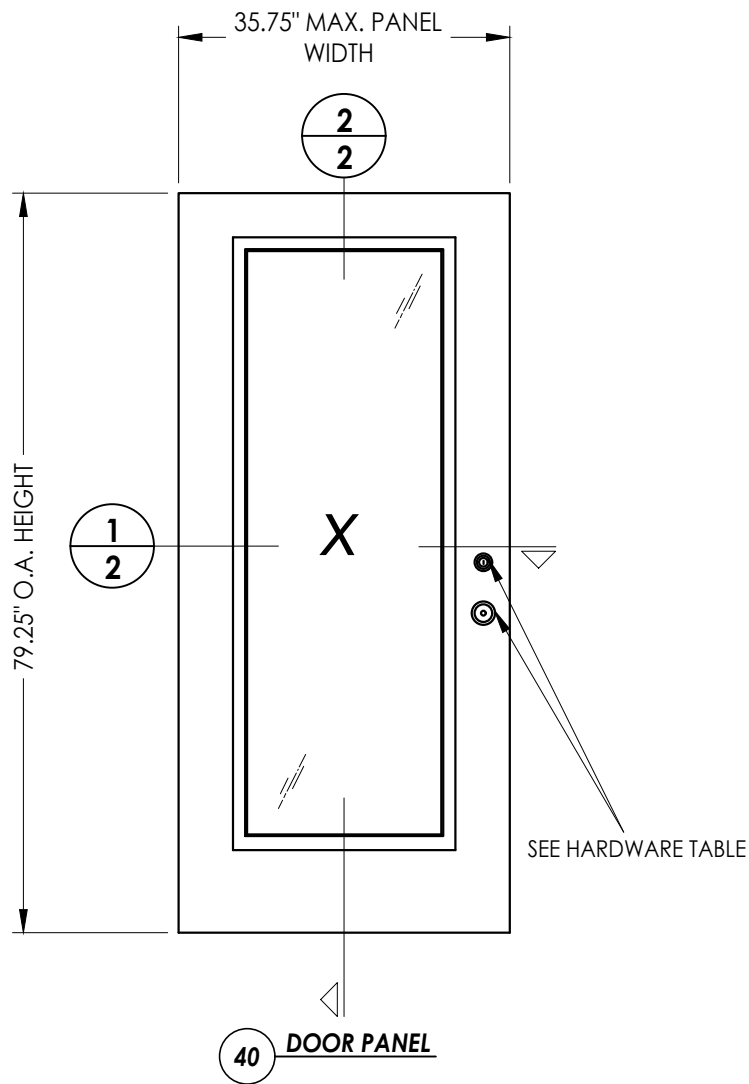
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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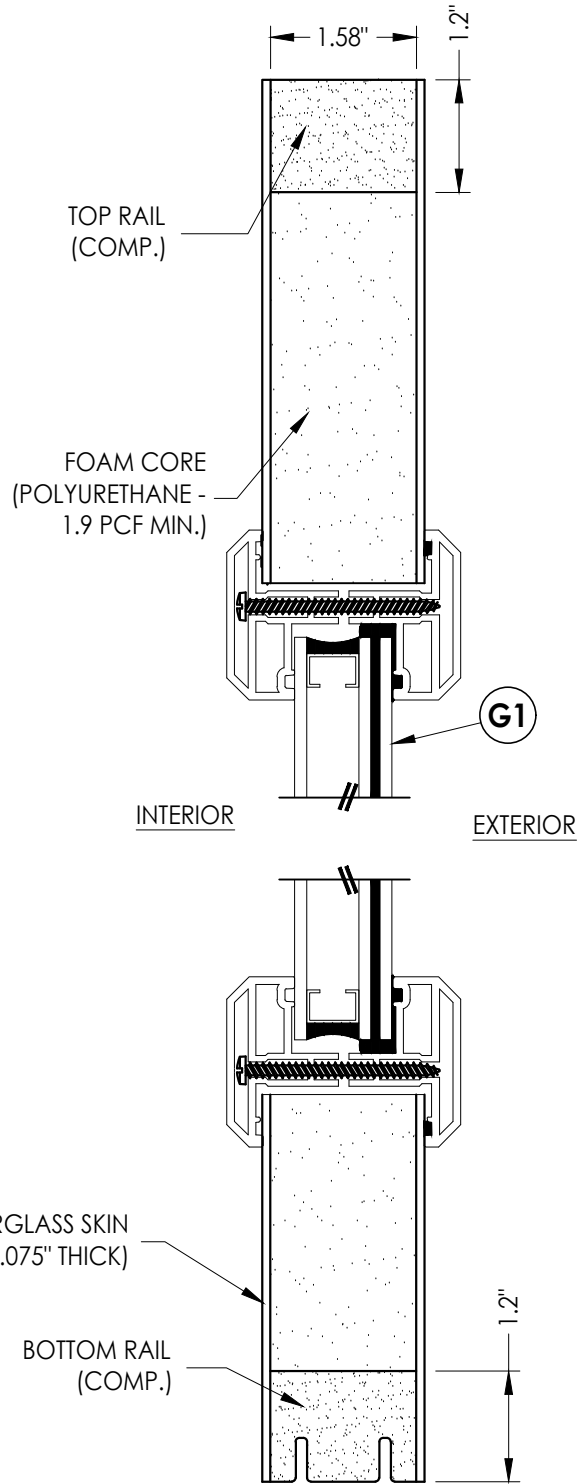
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1
2 **HORIZONTAL CROSS SECTION**



HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
YALE	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)
SCHLAGE	KNOB:	"F" SERIES (F10)
	DEADBOLT:	"B" SERIES (B60/62)



2
2 **VERTICAL CROSS SECTION**

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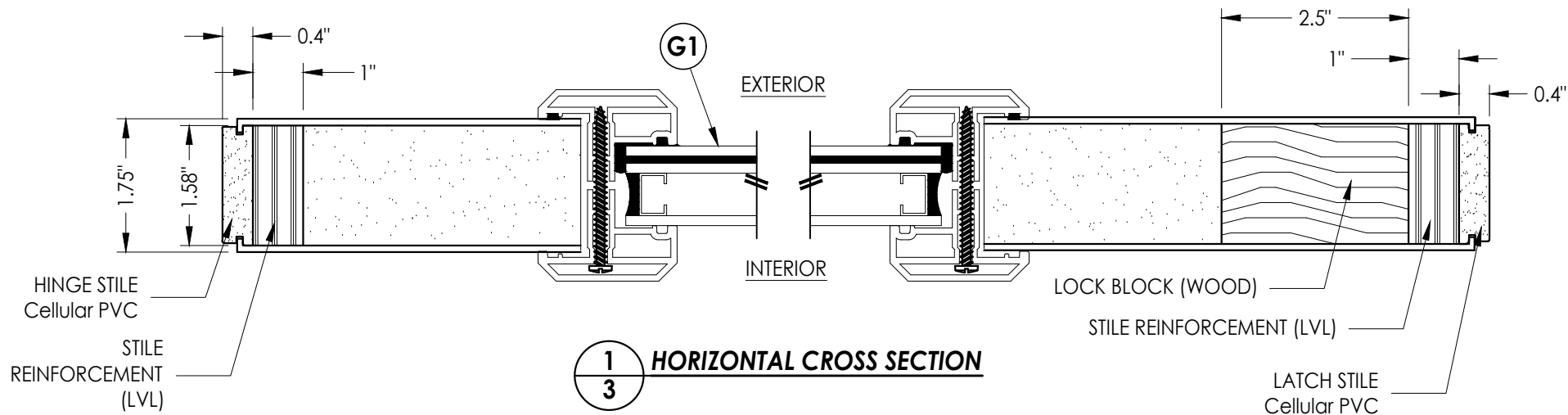
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

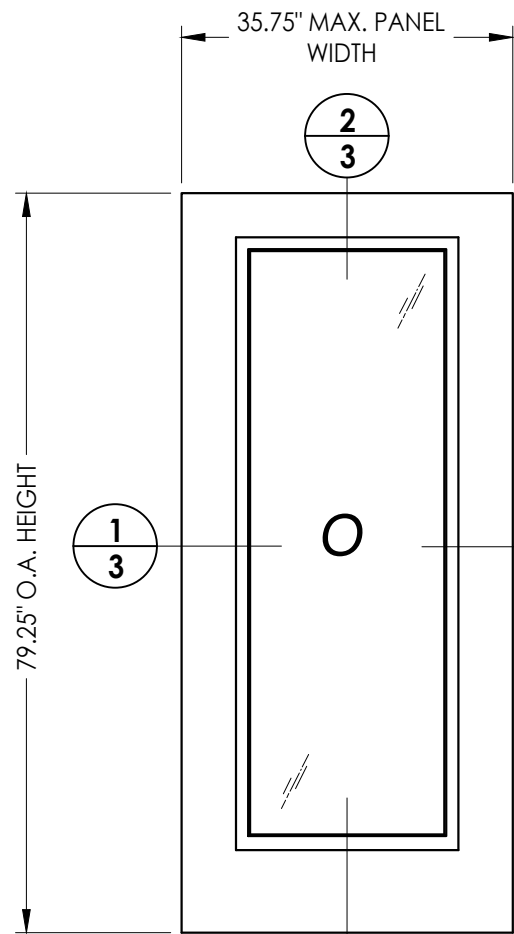
NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC
5	10/17/22	ADD DLP ASTRAGAL
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC
NO.	DATE	BY

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.10
SHEET 2 OF 12

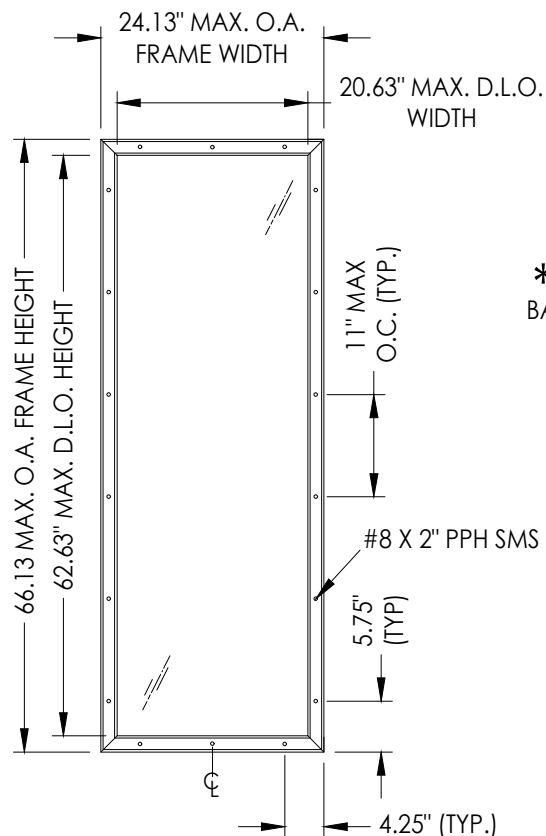
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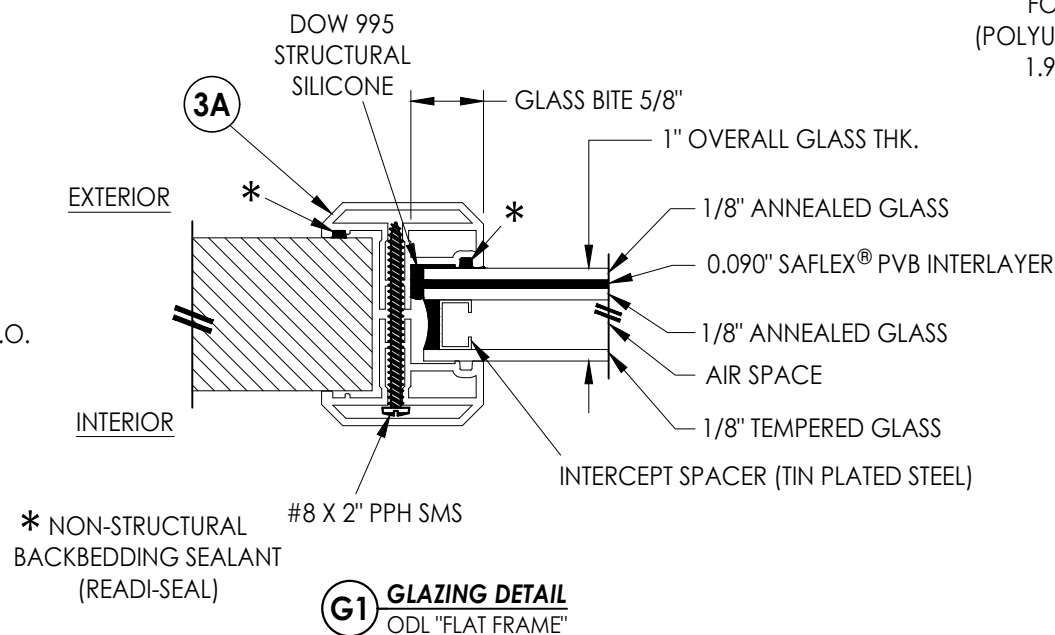
1
3 **HORIZONTAL CROSS SECTION**



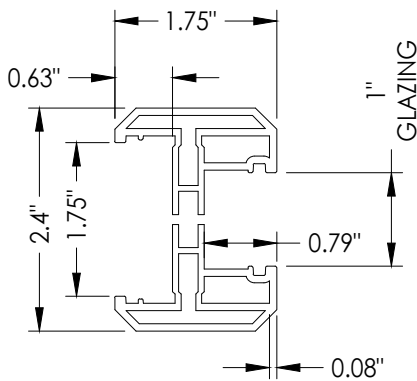
60 **SIDELITE PANEL**



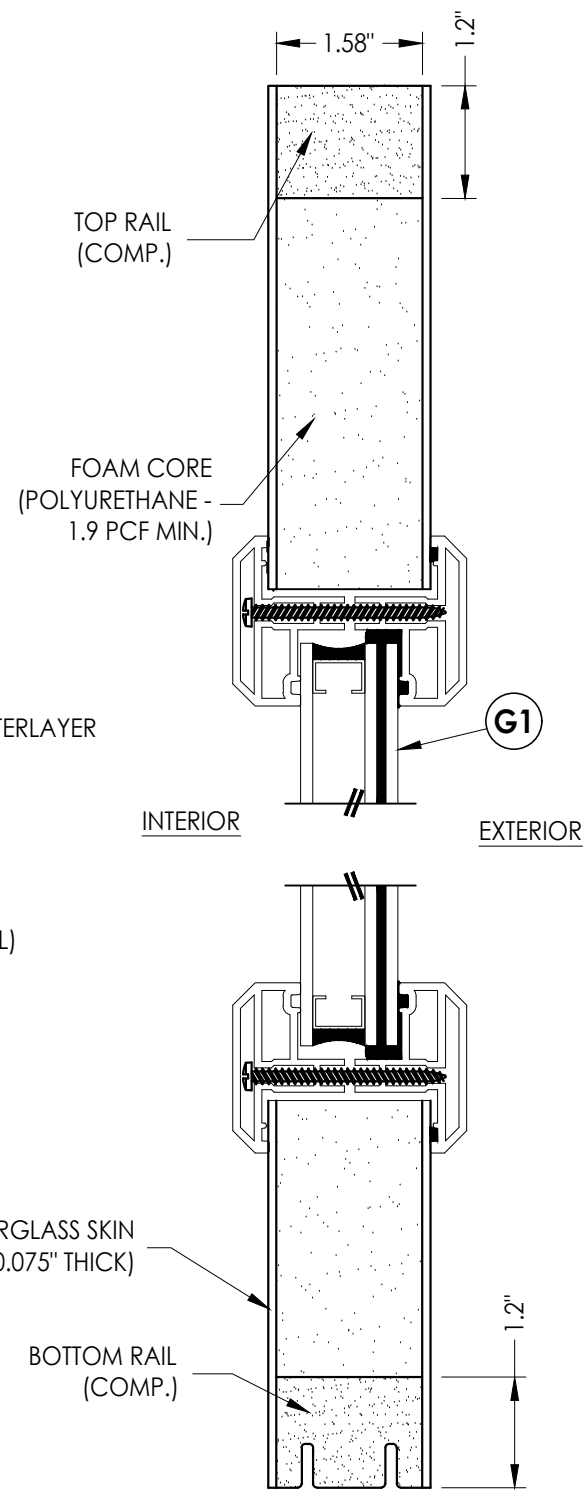
**ODL LITE FRAME
"FLAT FRAME" PROFILE**



G1 **GLAZING DETAIL**
ODL "FLAT FRAME"



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



2
3 **VERTICAL CROSS SECTION**

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: **PLASTPRO INC.
FIBERGLASS DOOR**

PART OR ASSEMBLY:
**SIDELITE PANEL DETAILS
AND GLAZING DETAIL**

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC
5	10/17/22	ADD DLP ASTRAGAL
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC
3		
2		
1		

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

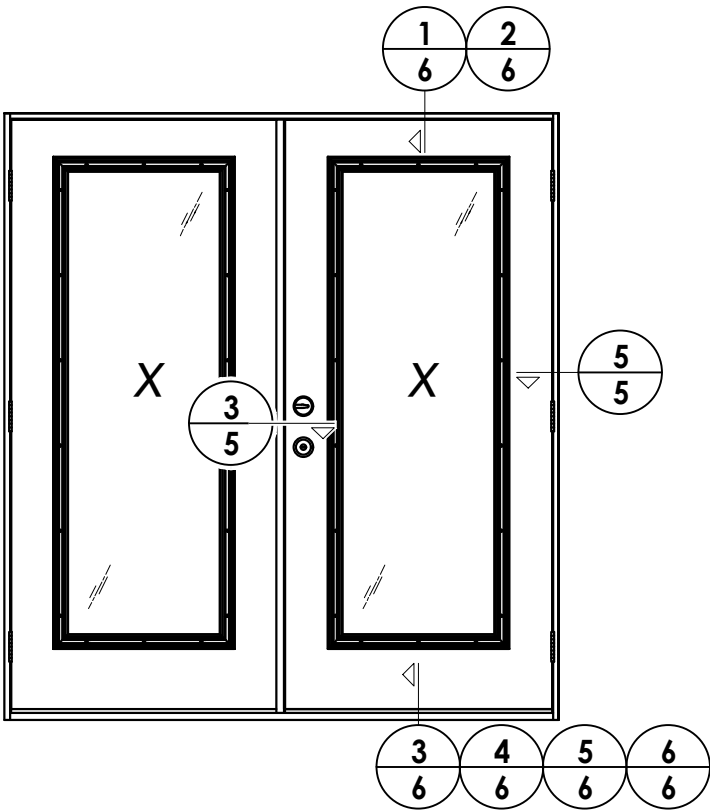
CHK. BY: LFS

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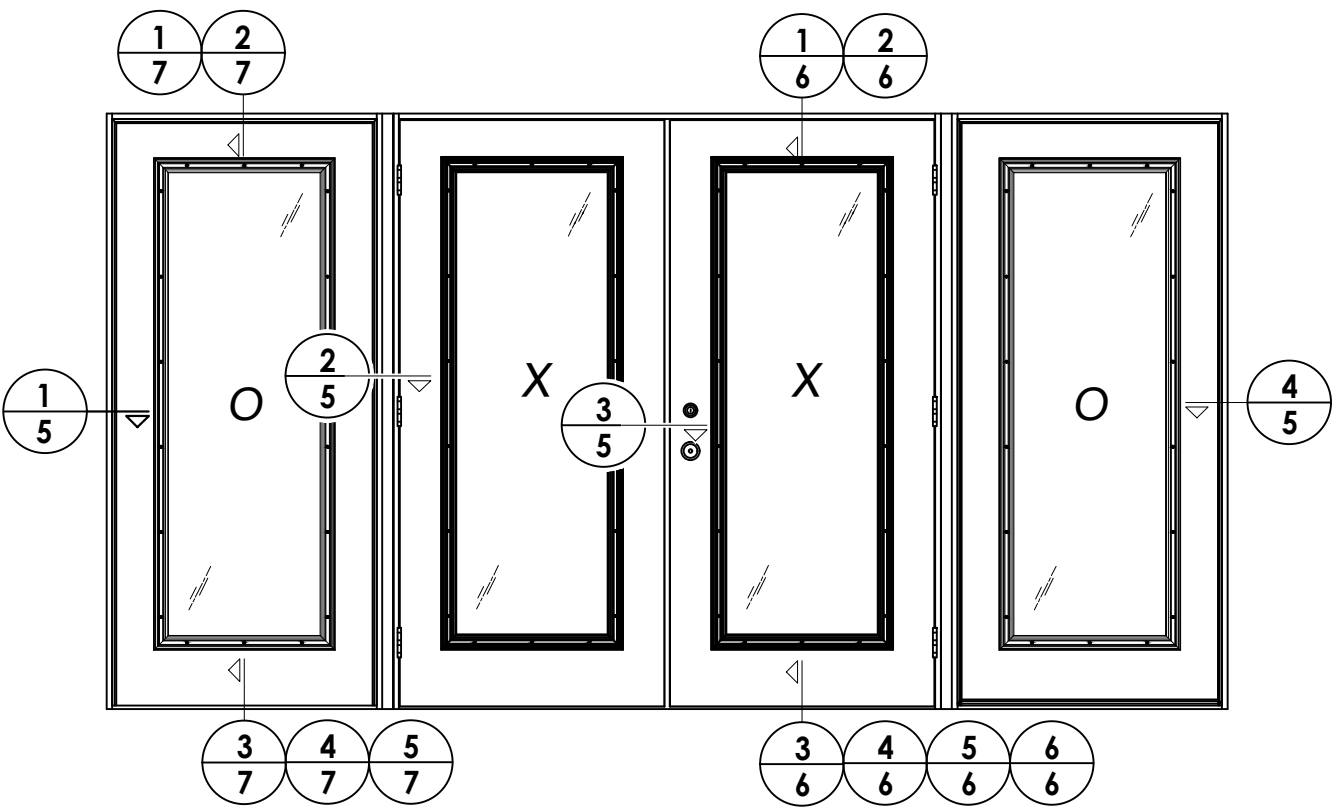
FL-17184.10

SHEET 3 OF 12

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ELEVATION (XX)



ELEVATION (OXXO)

NO.	DATE	REVISIONS			
					BY
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
6	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	10/17/22	ADD DLP ASTRAGAL		DAC	
4	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	

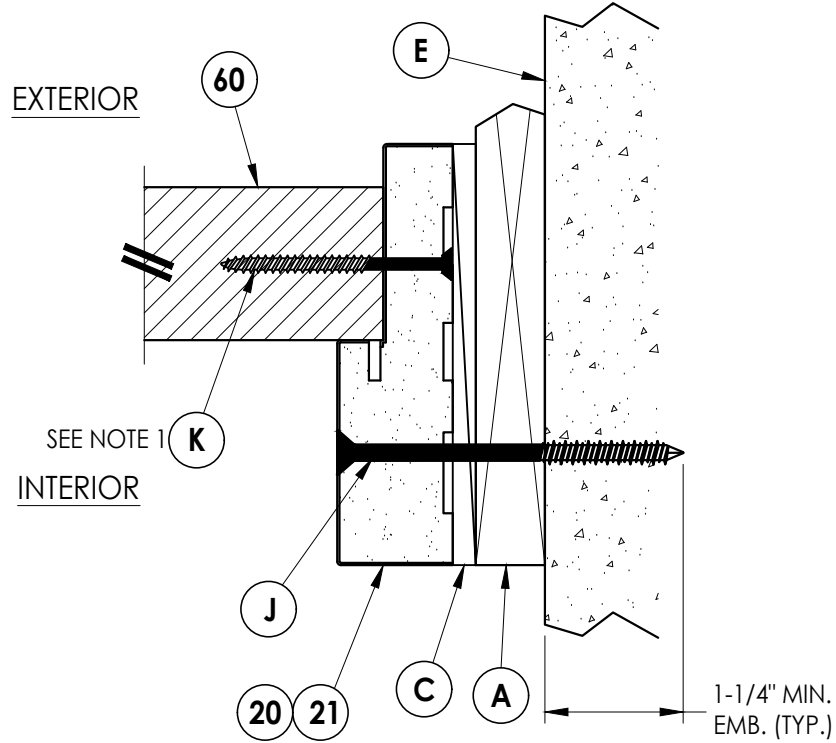
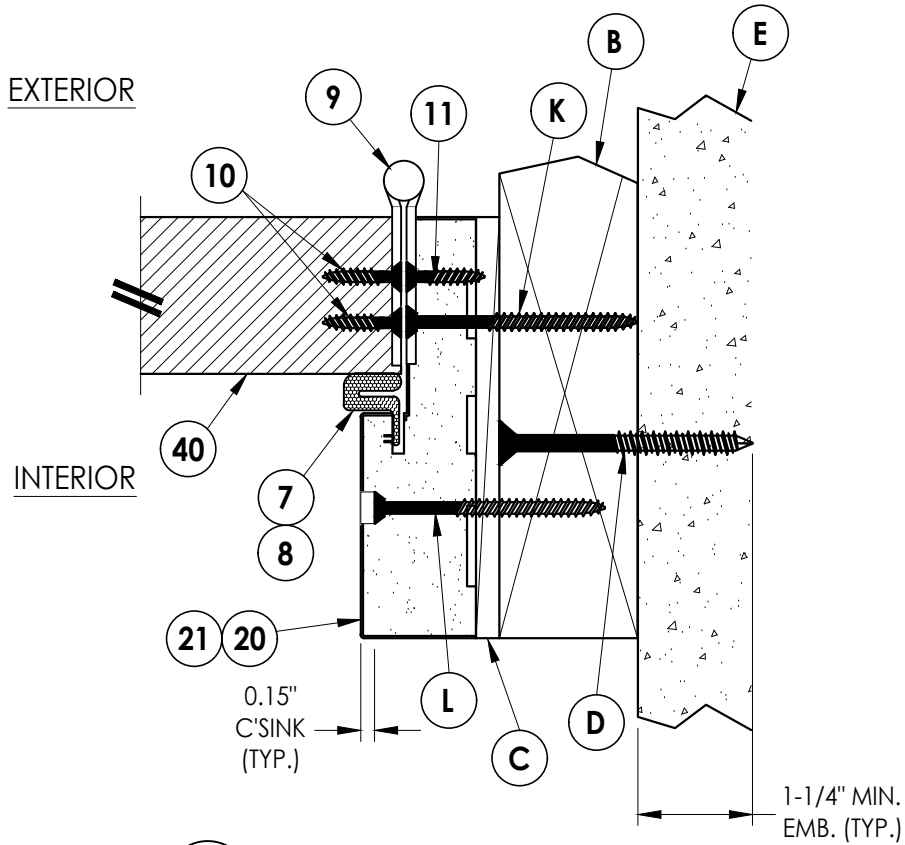
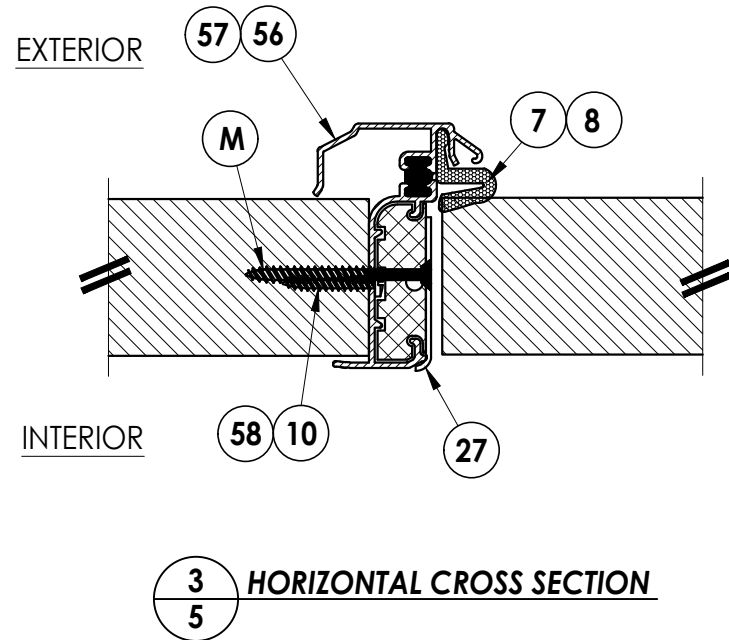
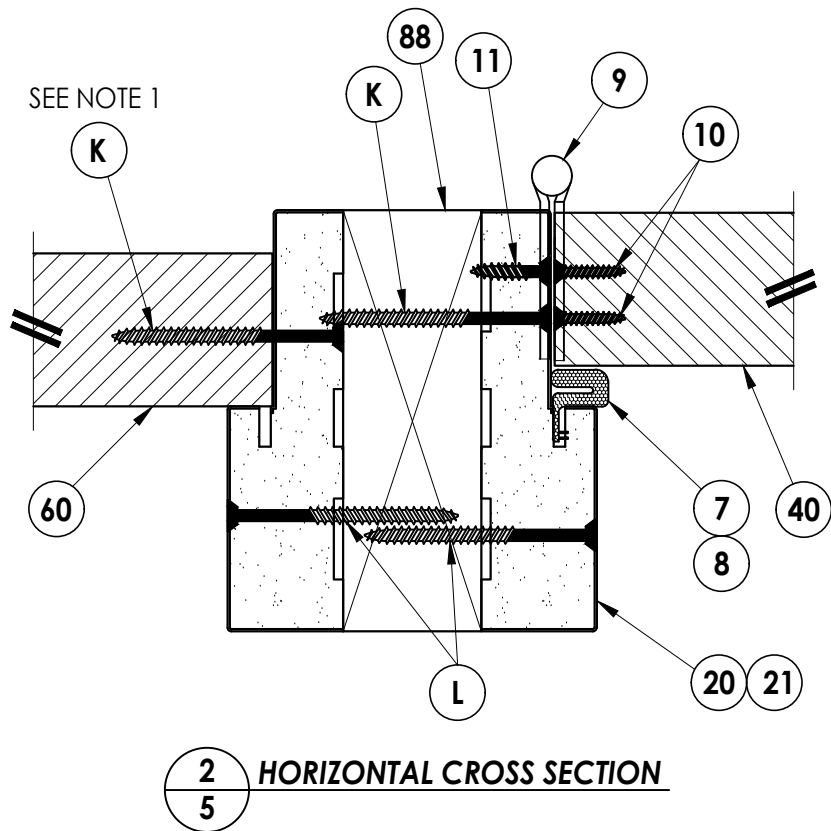
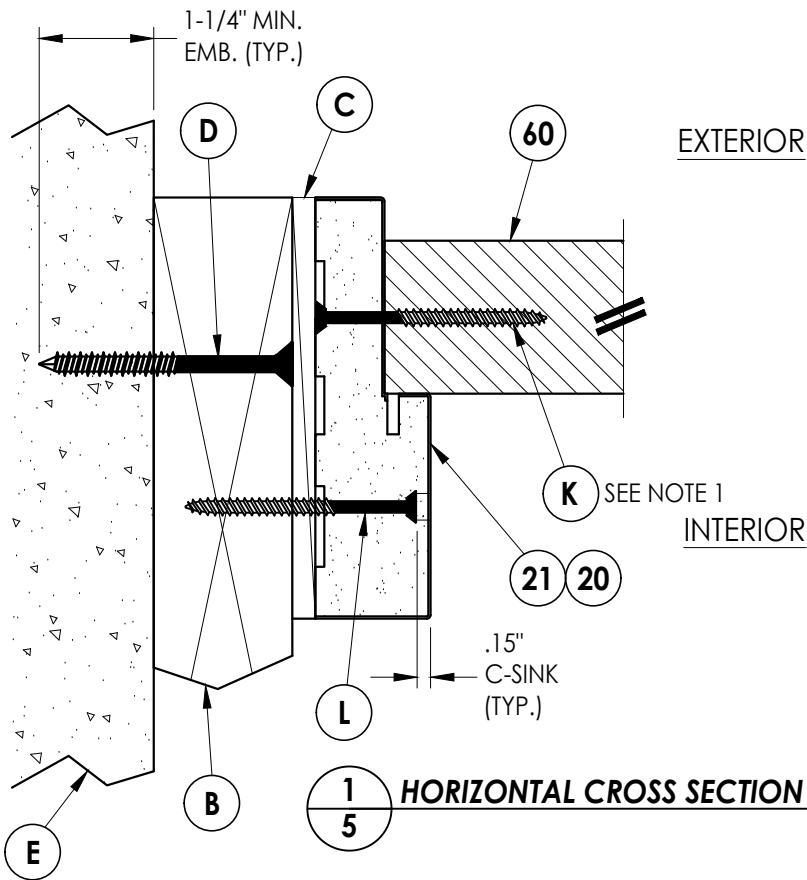
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.10
SHEET 4 OF 12

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

Documents Prepared By:
Lyndon F. Schmidt
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

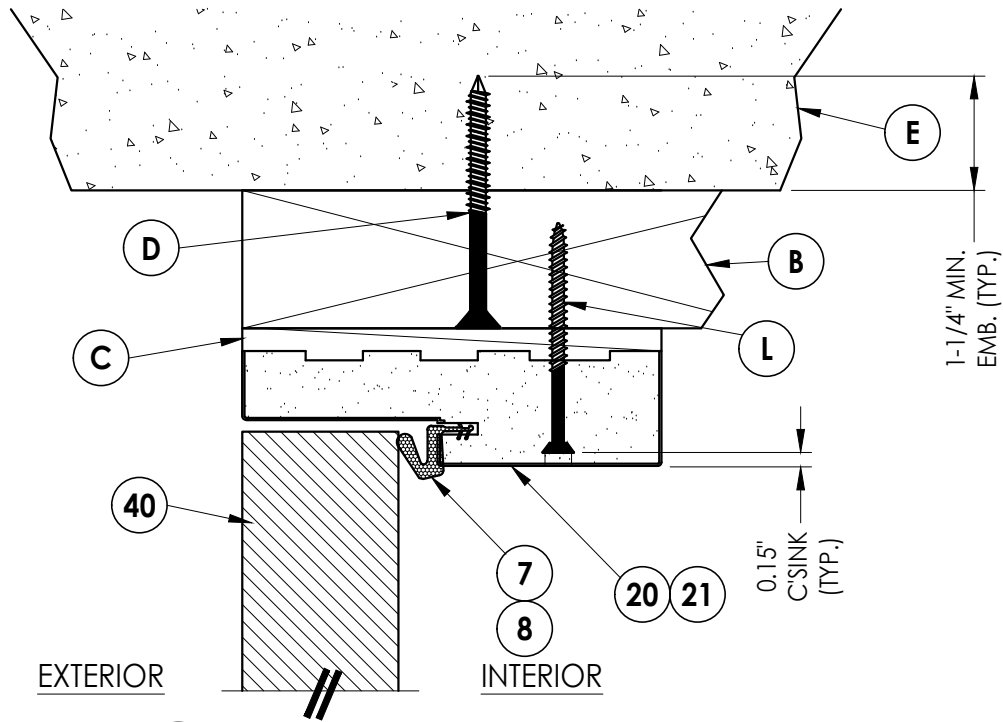


PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	10/17/22	ADD DLP ASTRAGAL	DAC
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC	DAC
DATE: 02/21/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17184.10			
SHEET 5 OF 12			

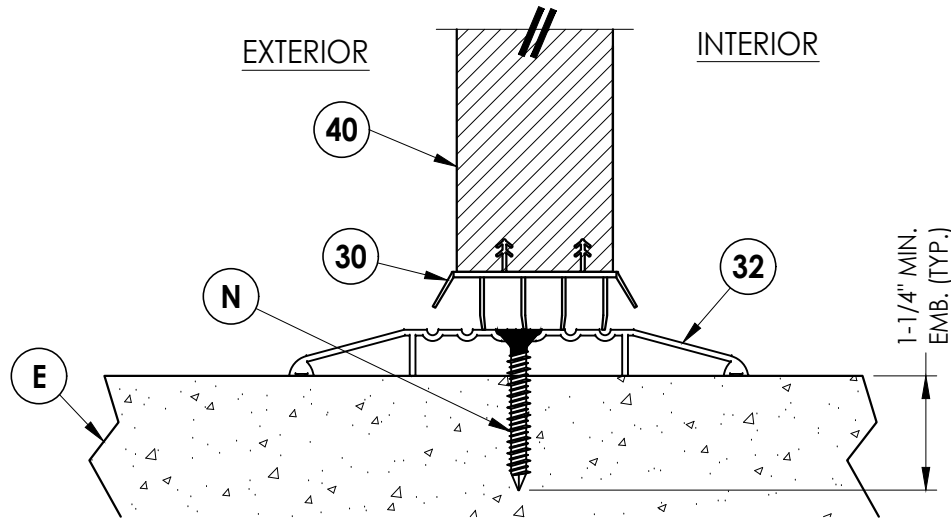
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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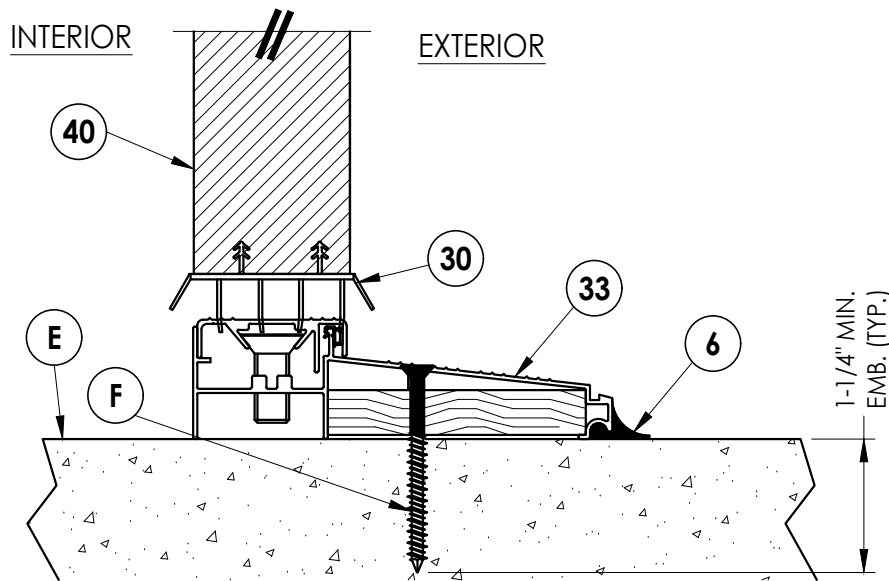
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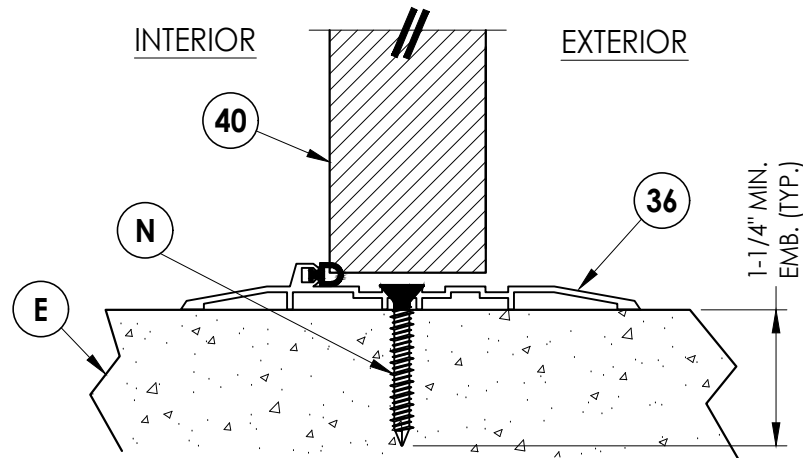
1 VERTICAL CROSS SECTION
6 Outswing shown - inswing also approved



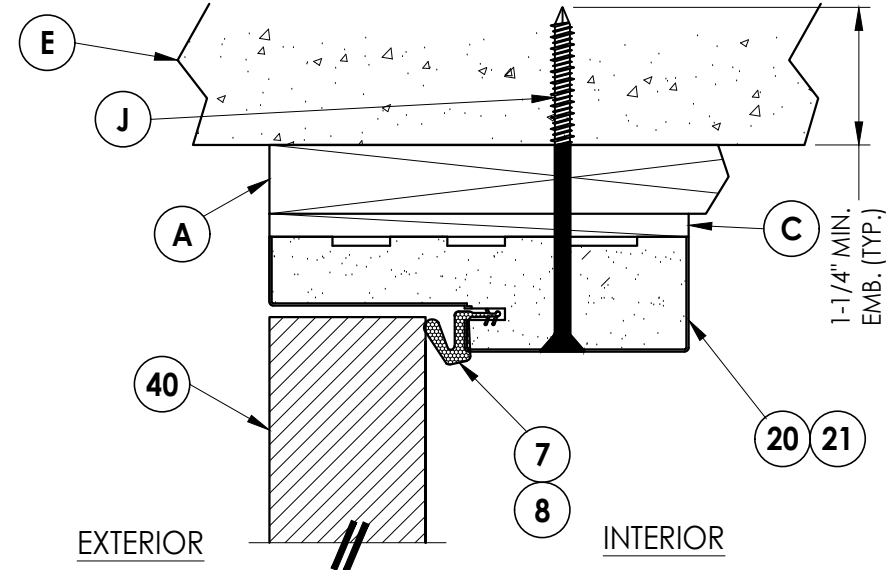
5 VERTICAL CROSS SECTION
6 Shown w/ ADA threshold



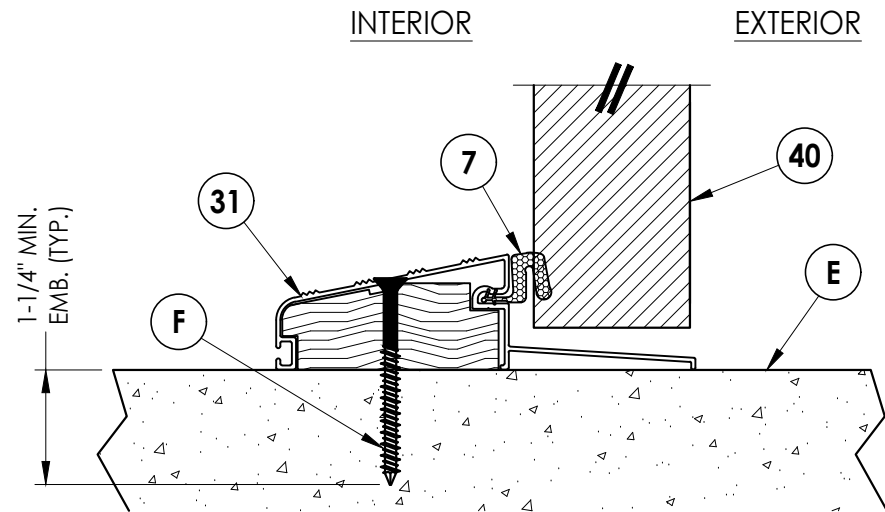
3 VERTICAL CROSS SECTION
6 Inswing configuration



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



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



4 VERTICAL CROSS SECTION
6 Outswing configuration

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

NO	DATE	REVISIONS
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6	8/23/23	UPDATE TO 8TH ED. (2023) FBC
5	10/17/22	ADD DLP ASTRAGAL
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC
3		
2		
1		

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

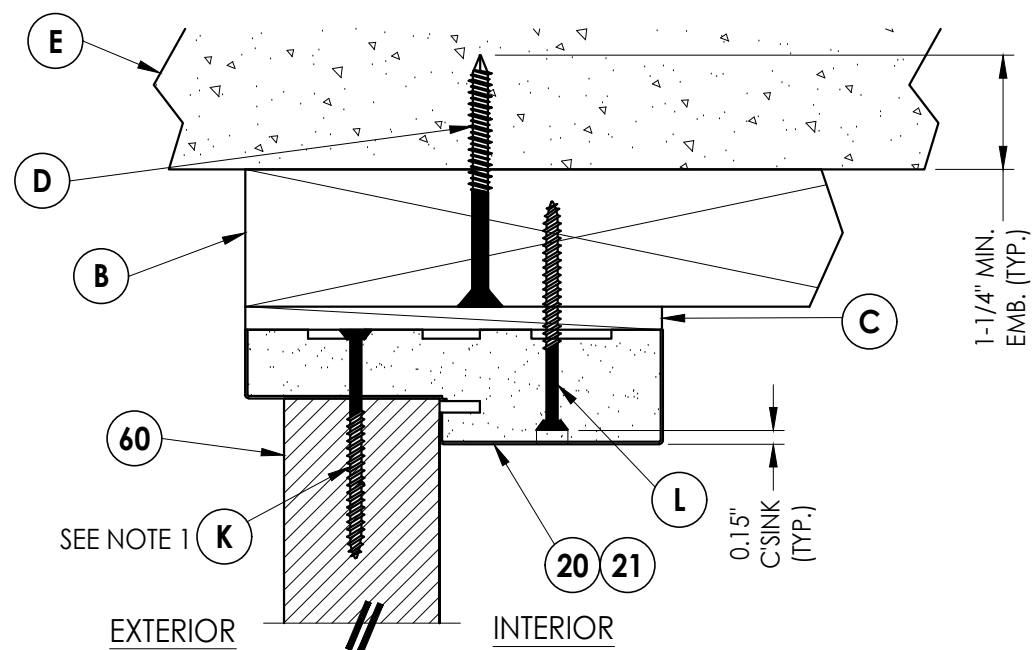
CHK. BY: LFS

DRAWING NO.:

FL-17184.10

SHEET 6 of 12

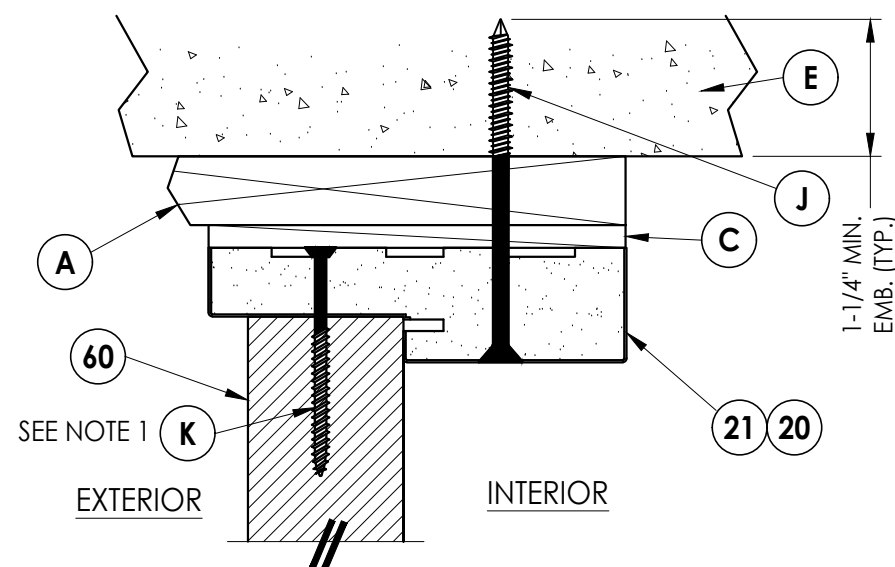
RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813



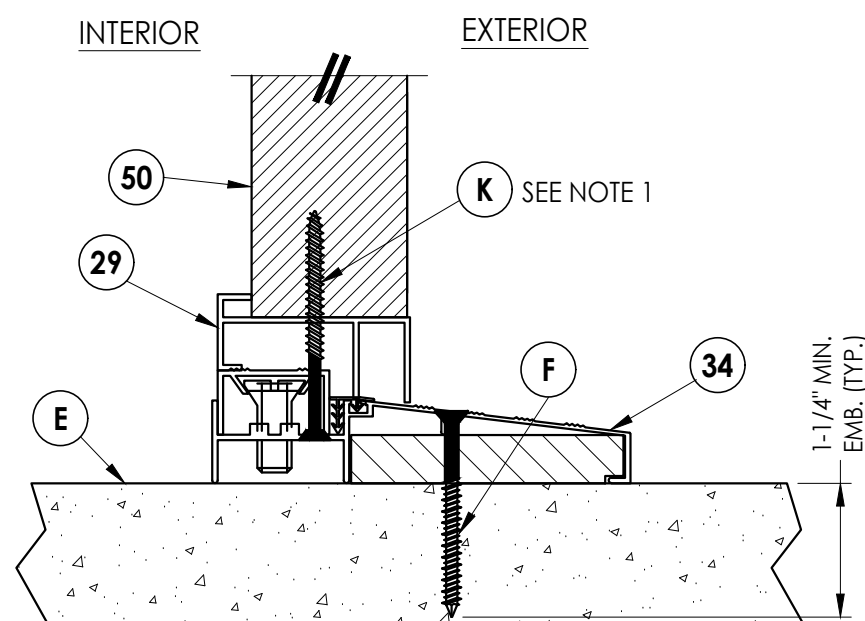
1 **VERTICAL CROSS SECTION**
7 Outswing shown - inswing also approved

NOTE

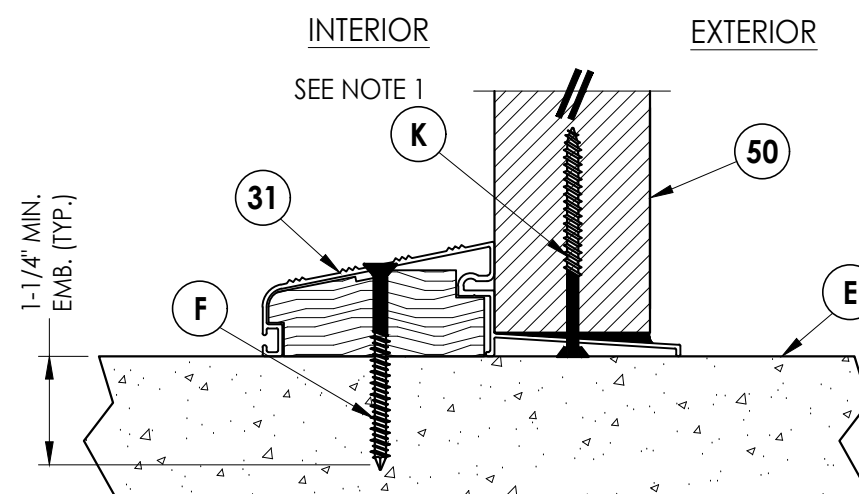
1. Spacing for item K: 6" from each end and at centerline (3 total).



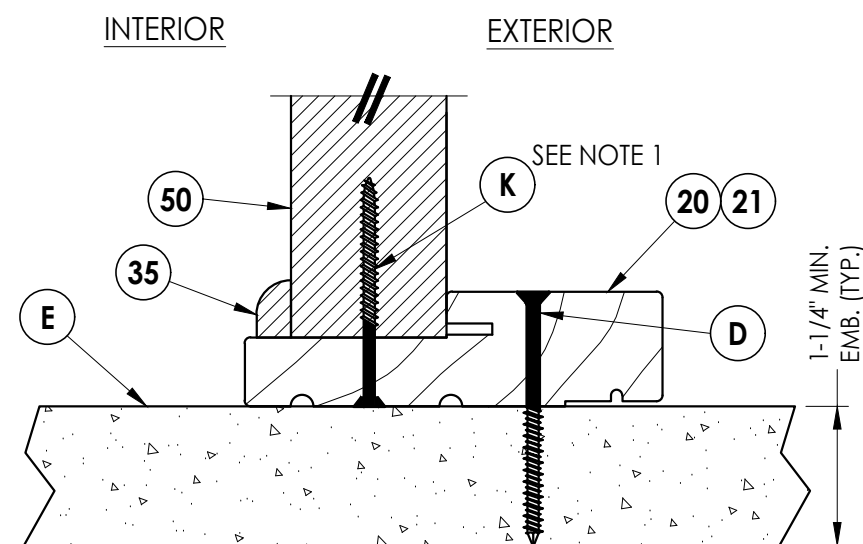
2 **VERTICAL CROSS SECTION**
7 Outswing shown - inswing also approved
Shown w/1X sub-buck



3 7 VERTICAL CROSS SECTION Inswing configuration



4 **VERTICAL CROSS SECTION**
7 Outswing configuration



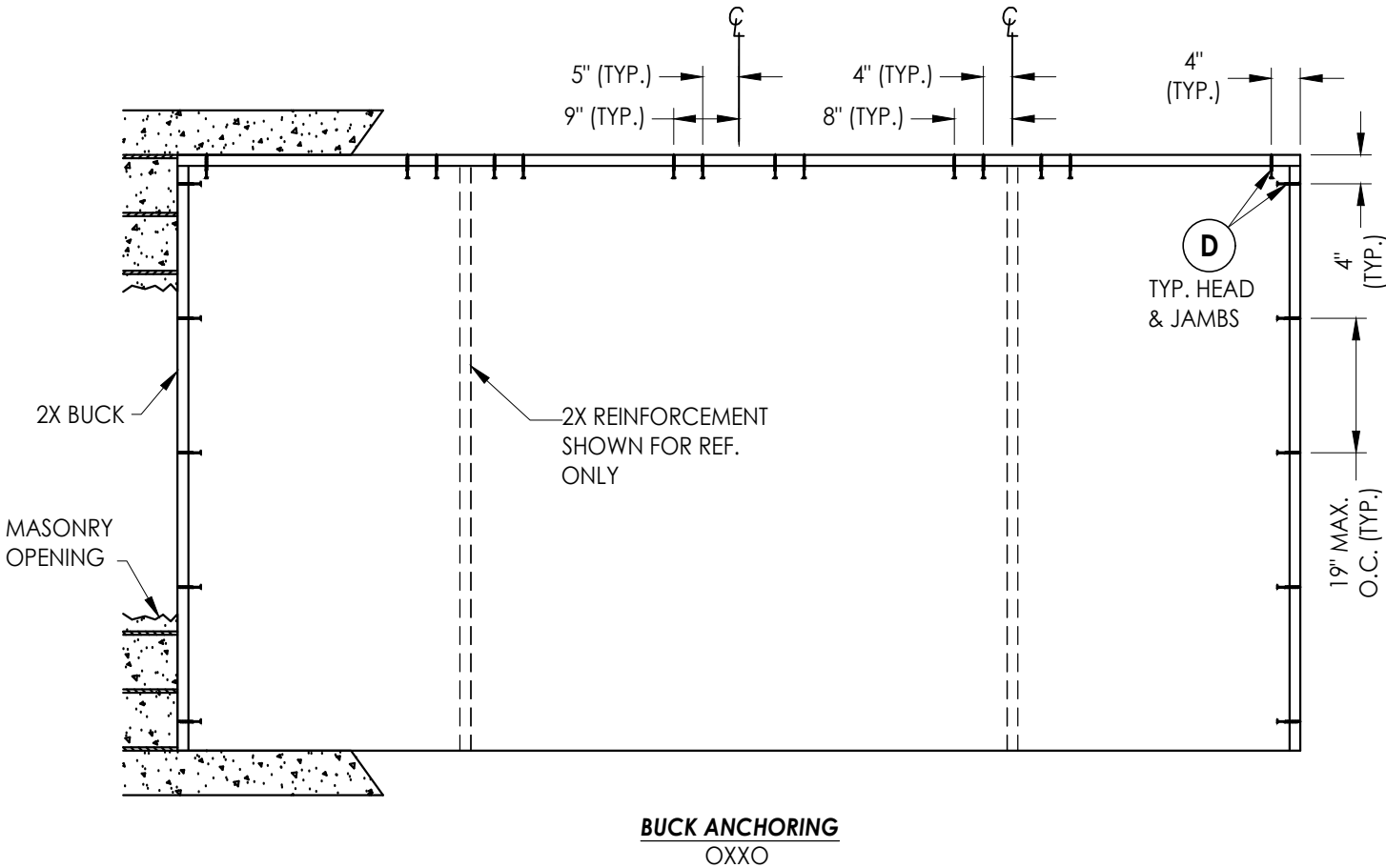
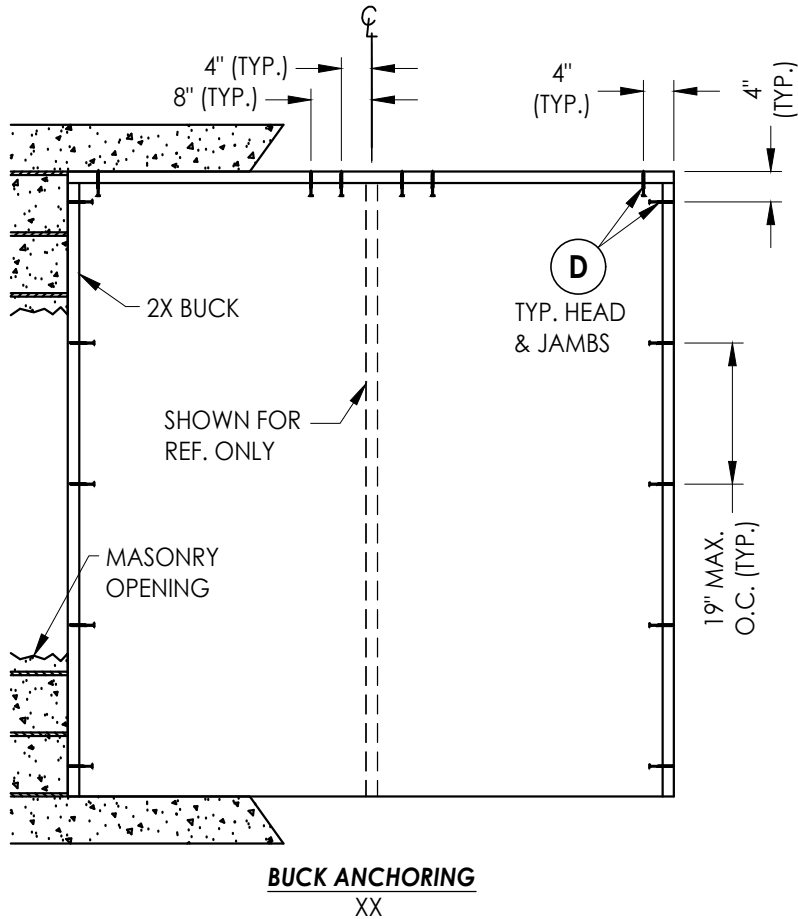
5 **VERTICAL CROSS SECTION**
7 Outswing configuration

			7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
			6/8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
			5/10/17/22	ADD DLP ASTRAGAL		DAC
			4/8/04/20	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-17184.10 SHEET 7 OF 12						

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P.E. No. 43409

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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:
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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:
BUCK ANCHORING

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

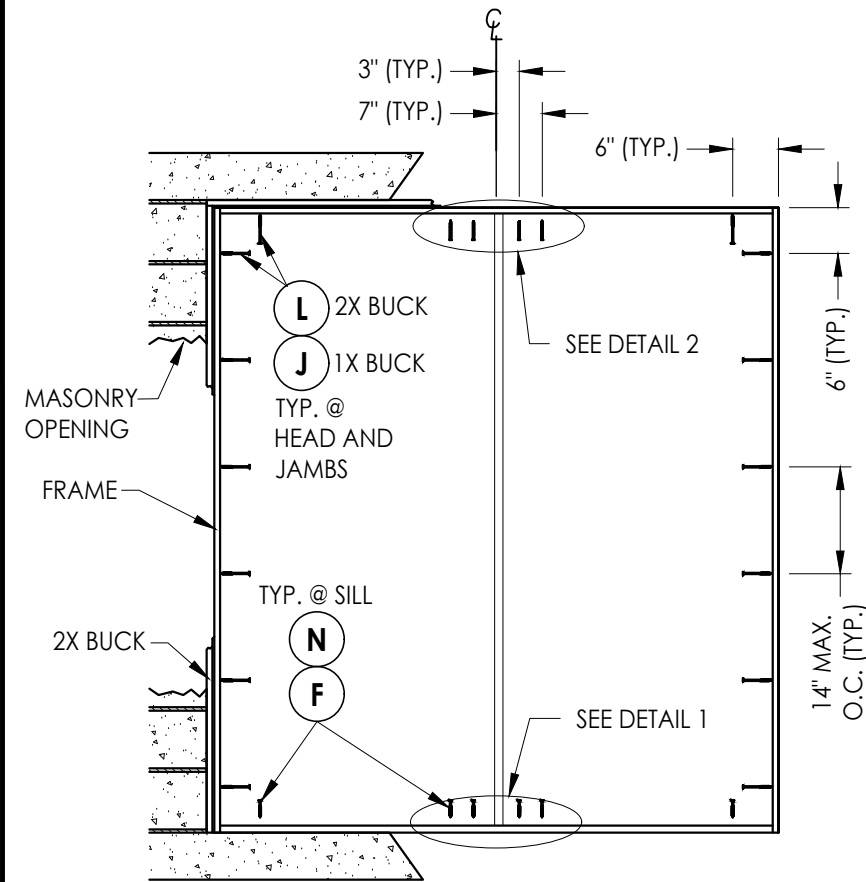
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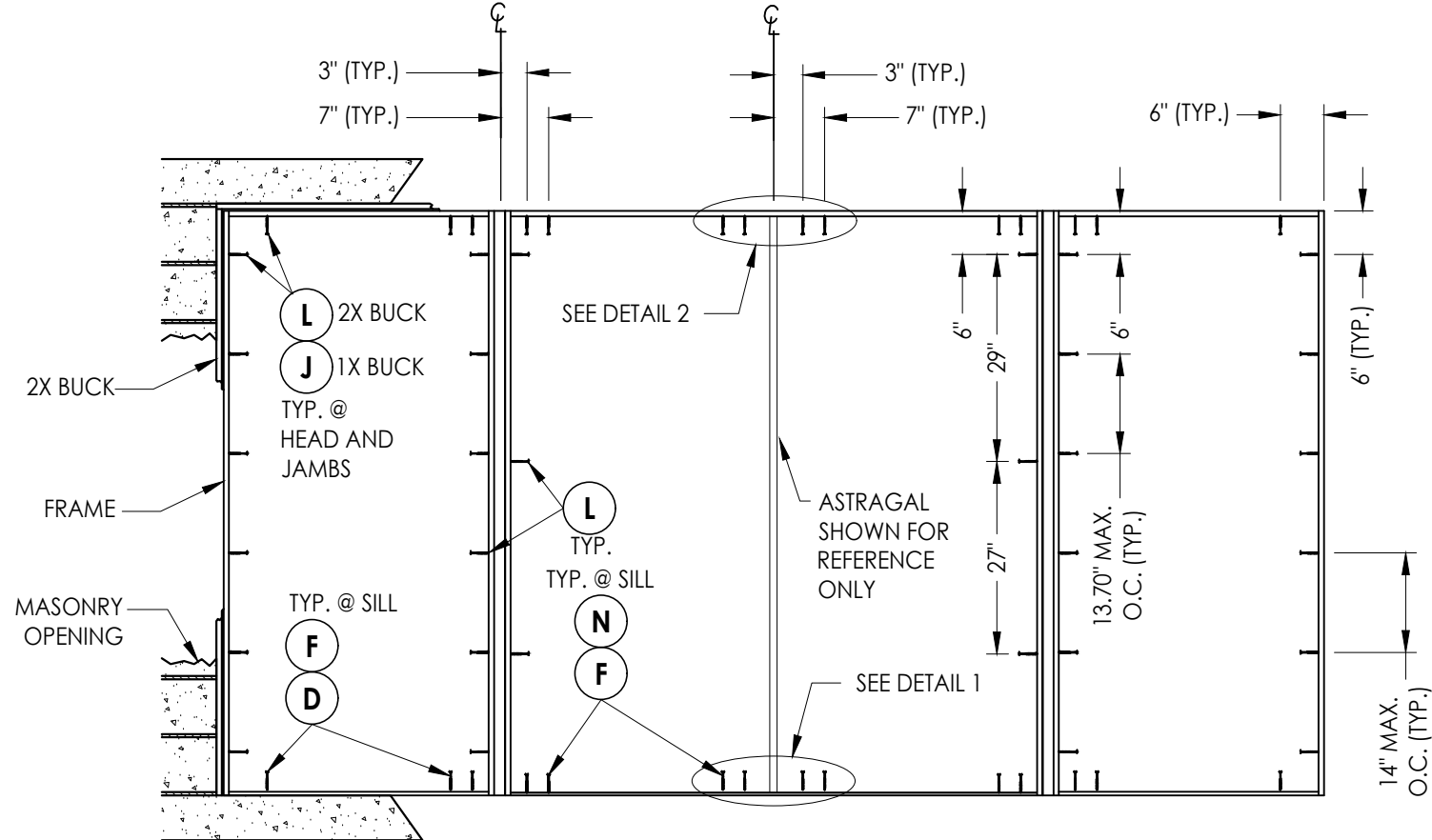
FL-17184.10

SHEET 8 OF 12

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FRAME ANCHORING
XX



FRAME ANCHORING
OXXO

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.

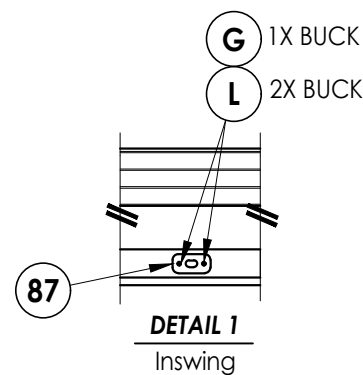
CONCRETE ANCHOR NOTES:

- 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:

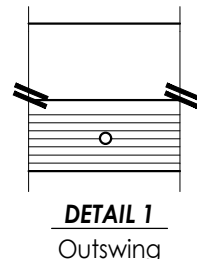
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

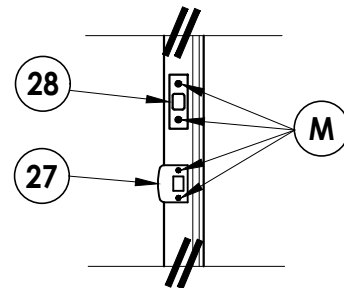
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



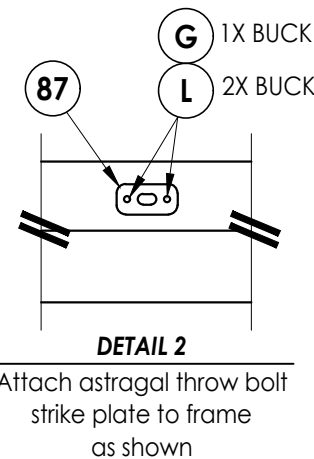
DETAIL 1
Inswing



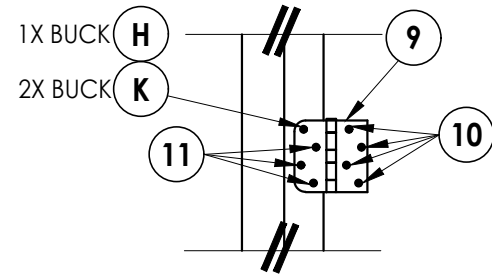
DETAIL 1
Outswing



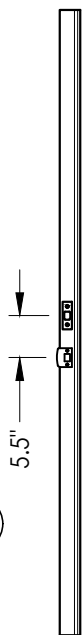
LATCH & DEAD BOLT DETAIL



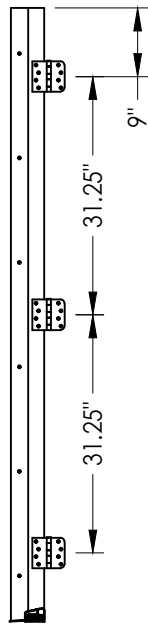
DETAIL 2



HINGE DETAIL



ASTRAGAL STRIKE JAMB



HINGE JAMB

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

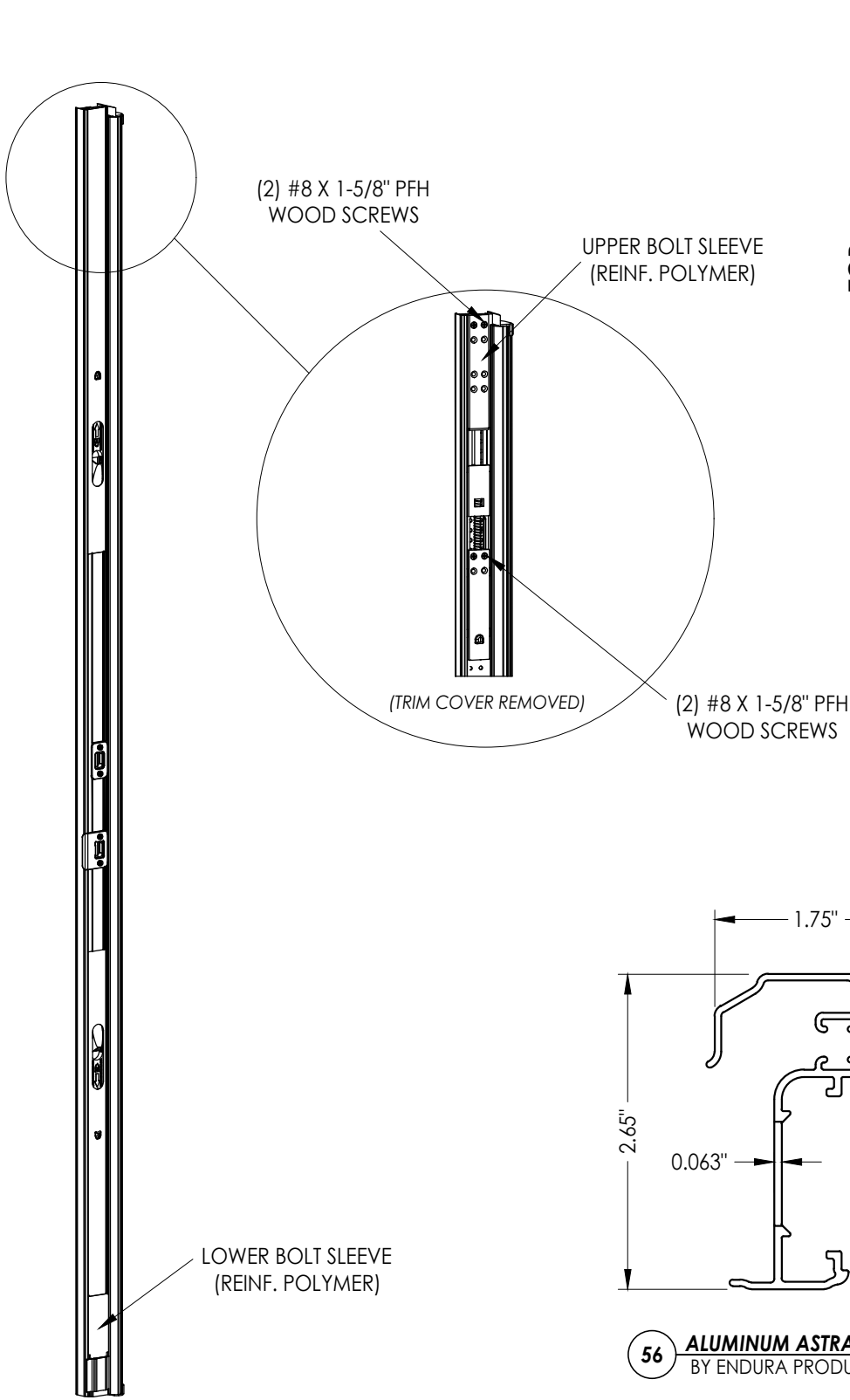
RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
FRAME ANCHORING

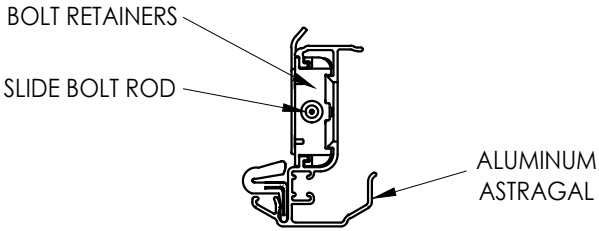
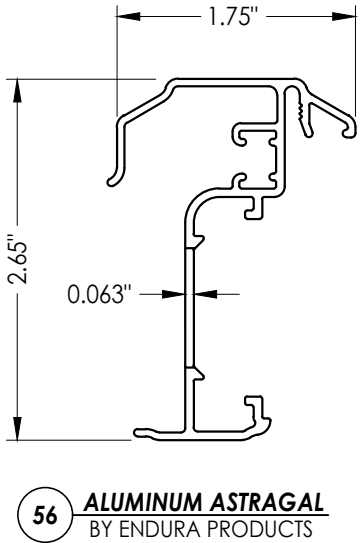
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DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.10
SHEET 9 OF 12

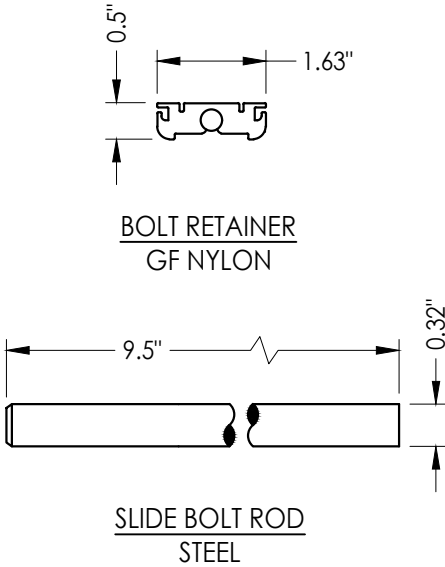
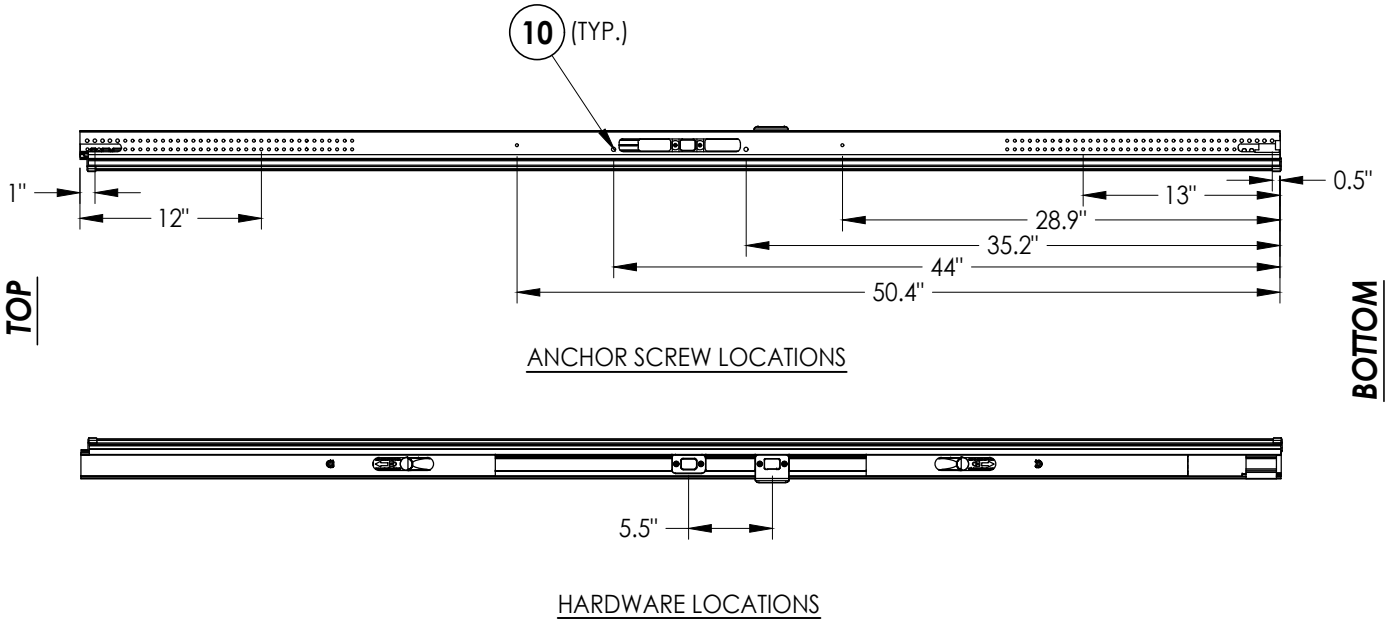
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ULTIMATE HURRICANE ASTRAGAL



ALUMINUM ASTRAGAL ASSEMBLY



NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	8/23/23	UPDATE TO 8TH ED. (2023) FBC
5	10/17/22	ADD DLP ASTRAGAL
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-17184.10
SHEET	10 OF 12

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

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

Technical drawing of a mechanical part, likely a bracket or connector. The drawing shows a side view with the following dimensions:

- Width: 1.75"
- Height: 2.88"
- Thickness: 0.062"

Technical drawing of a square nut. The drawing shows a top view and a side view. The top view is a square with a central circular hole. The dimensions are: width = 0.975", height = 0.573", and the central hole diameter is Ø0.346".

Technical drawing of a three-hole metal plate, showing front and side views with dimensions.

Front View (Top):

- Overall length: 3.99"
- Distance from each end to the first hole center: 0.478"
- Three circular holes are spaced evenly along the length.

Side View (Bottom):

- Overall thickness: 0.573"
- Inner hole diameter: $\varnothing 0.335"$
- Outer hole diameter: $\varnothing 0.168"$
- Distance from the bottom surface to the center of the holes: 0.050"

Technical drawing of a shaft. The shaft has a diameter of $\varnothing 0.346''$ and a length of 20 inches. The drawing shows a cross-section of the shaft with a central hole and a break symbol indicating the length.

DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
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