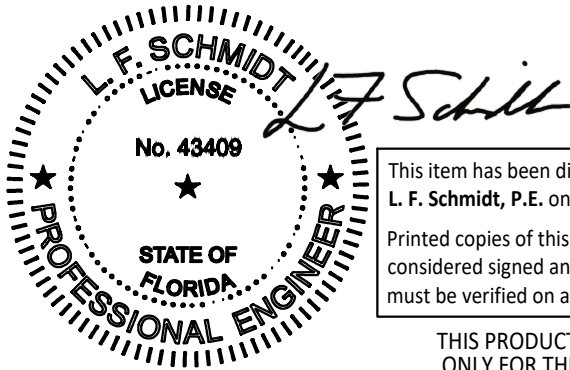




5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045



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.

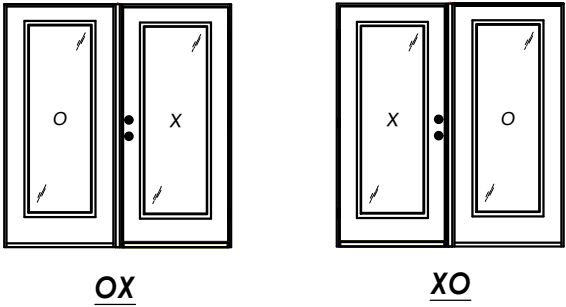
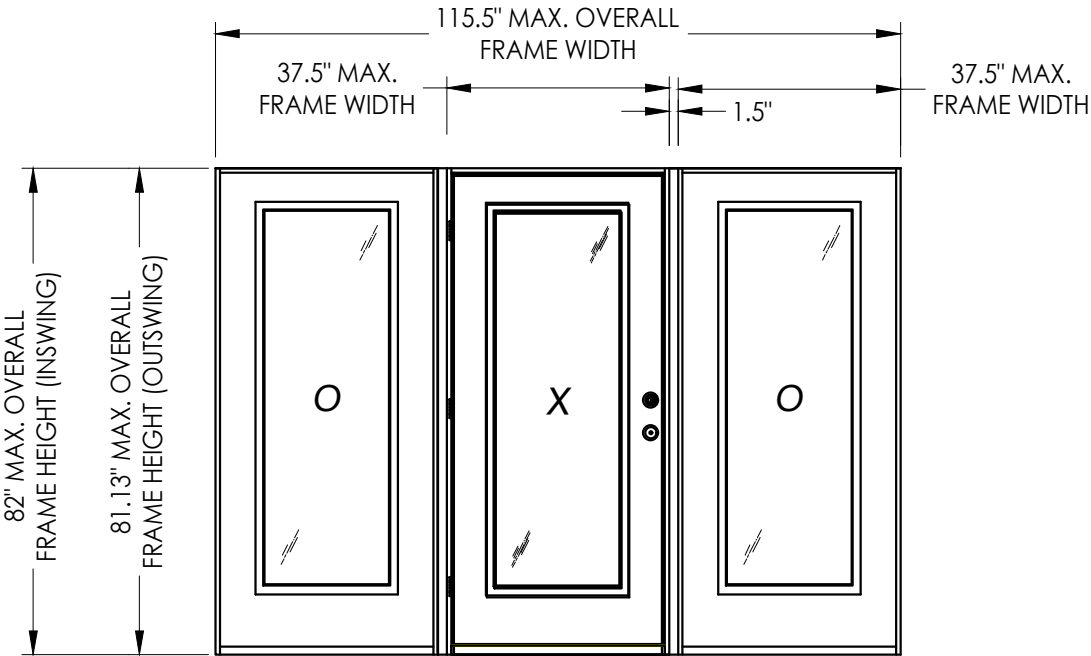
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

"High Velocity Hurricane" Fiberglass Door
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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	SHEET#	
1	Typical elevations, design pressures & general notes	9	Vertical Cross Sections (Thresholds)
2	Door panel details	10	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite panel details	11	3-Point lock details
4	Lite frame details and glazing details	12	3-Point lock details
5	Elevations	13	Buck anchoring
6	Horizontal & Vertical Cross Sections (2X Buck)	14	Frame anchoring
7	Horizontal & Vertical Cross Sections (1X Buck)	15	Components
8	Horizontal & Vertical Cross Sections (Direct to Masonry)	16	Bill of materials



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OX/XO	76.5" x 82.0"	+65.0	-65.0
OXO	115.5" x 82.0"	+65.0	-65.0

See Sheets 2 & 4 for hardware and lite frame design pressure limitations

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

PLASTPRO INC.
FIBERGLASS DOOR

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

27/02/26
UPDATE TO 9TH ED. (2026) FBC

18/10/23
UPDATE TO 8TH ED. (2023) FBC

NO. DATE

BY

REVISIONS

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

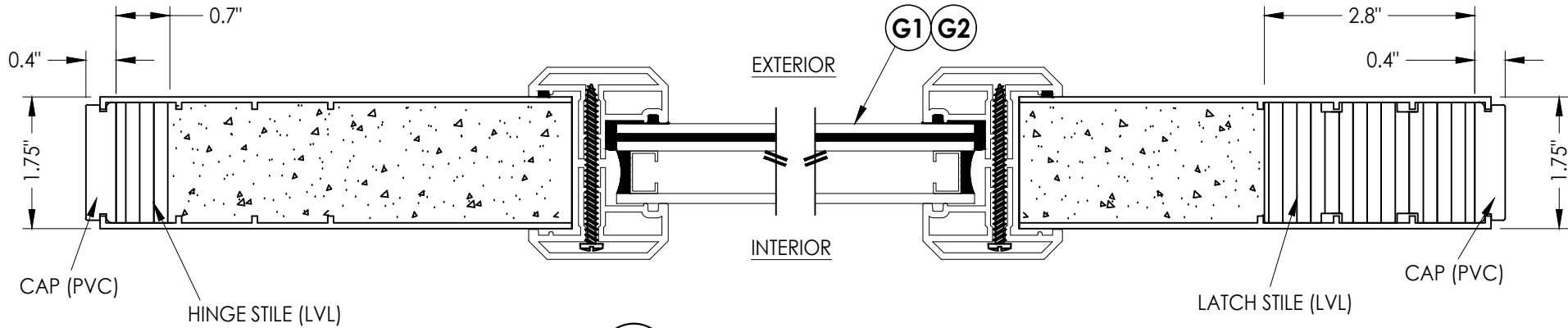
DRAWING NO.: FL-39254.5

SHEET 1 OF 16

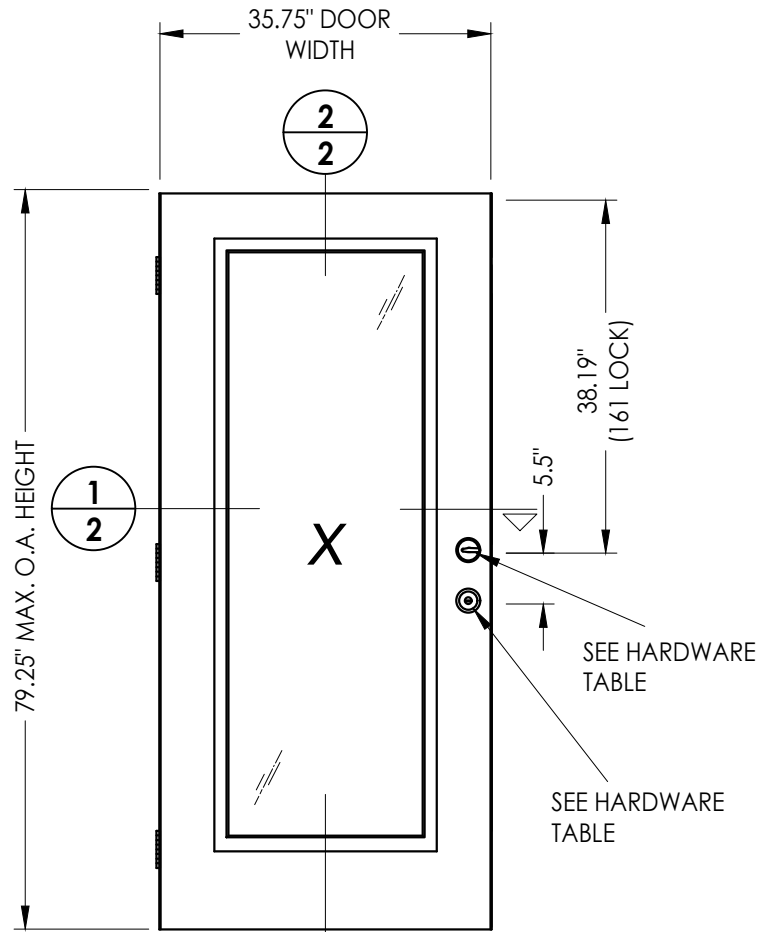
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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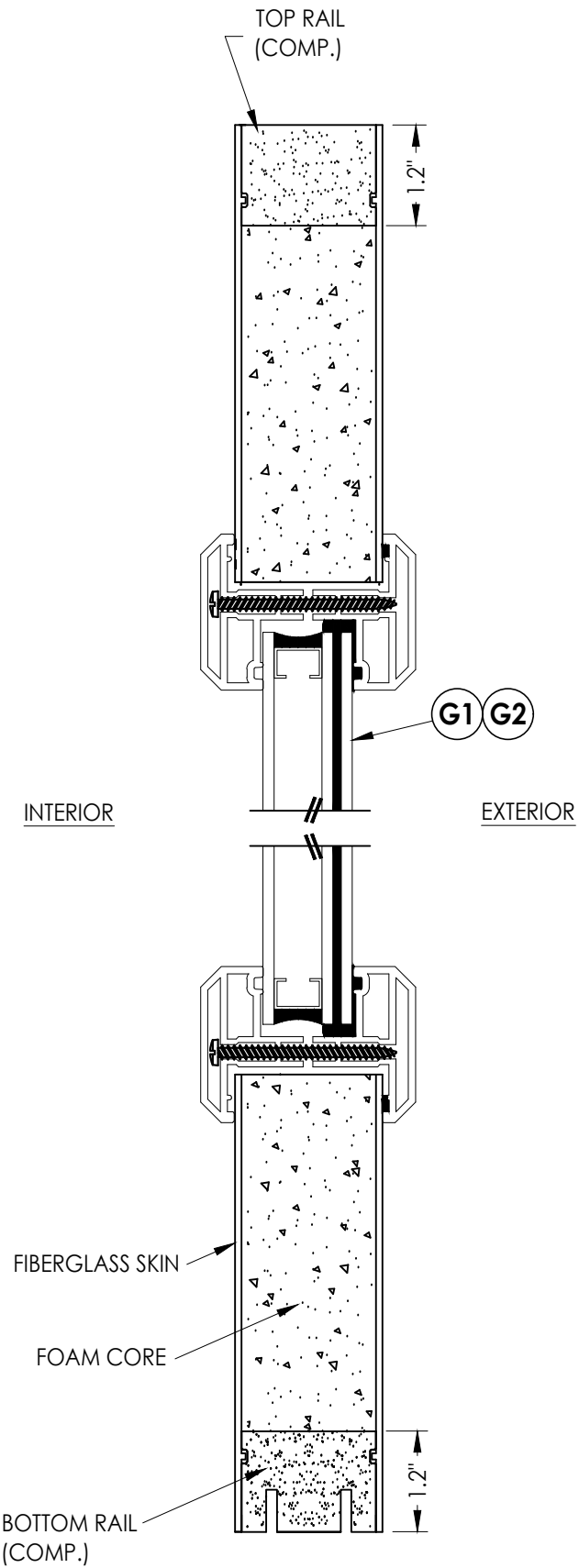
1
2 HORIZONTAL CROSS SECTION



40 DOOR PANEL
Plastpro
Fiberglass

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	Knob:	SIGNATURE SERIES	± 65
	DEADBOLT:	SIGNATURE SERIES (980)	
SCHLAGE	Knob:	"F" SERIES (F51)	± 65
	DEADBOLT:	"B" SERIES (B60/62)	
PAMEX	Lever:	FL3B SERIES	± 65
	DEADBOLT:	FD7 SERIES	
HOPPE	MULTIPOINT LOCK:	HLS9000 3-POINT TONGUE	± 50
ENDURA	MULTIPOINT LOCK:	TRILENNIUM 3000 (3-PT)	± 65

See Sheets 11 and 12 for multipoint lock details.



2
2 VERTICAL CROSS SECTION

FIBERGLASS SKIN: 0.125" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

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

RW

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS		
		LFS	FBC	BY
2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC
1	8/10/23	UPDATE TO 8TH ED.	(2023)	FBC

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

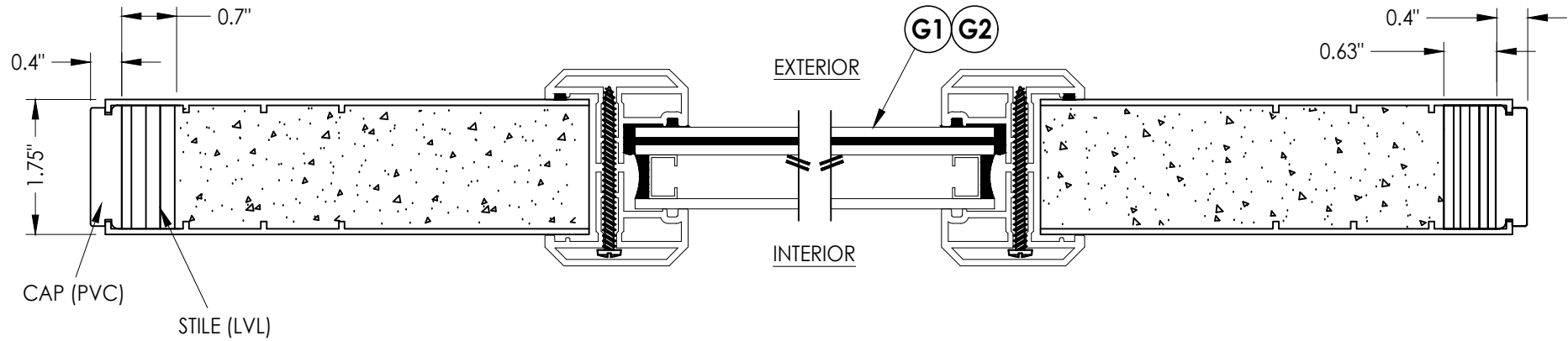
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DRAWING NO.:

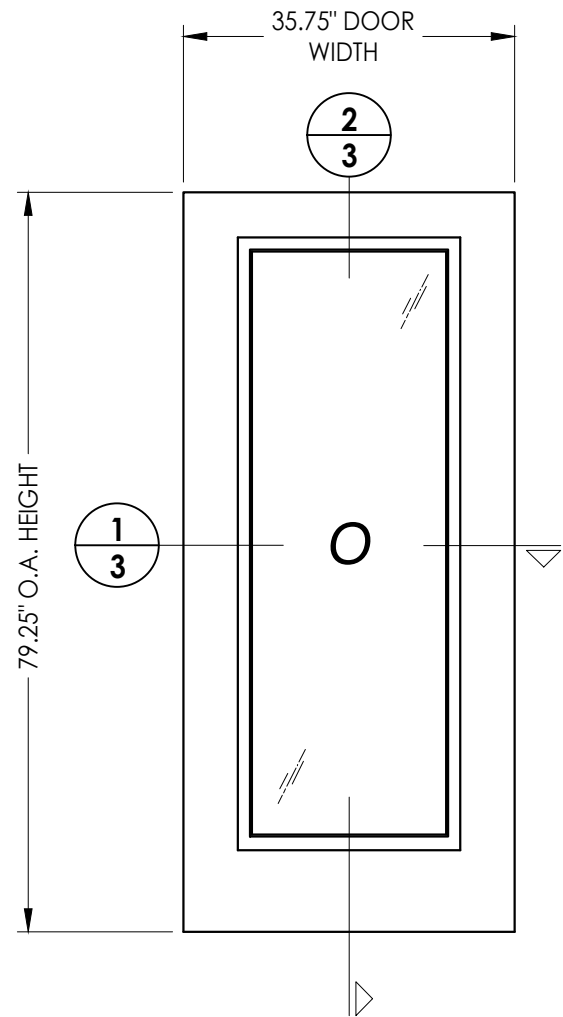
FL-39254.5

SHEET 2 OF 16

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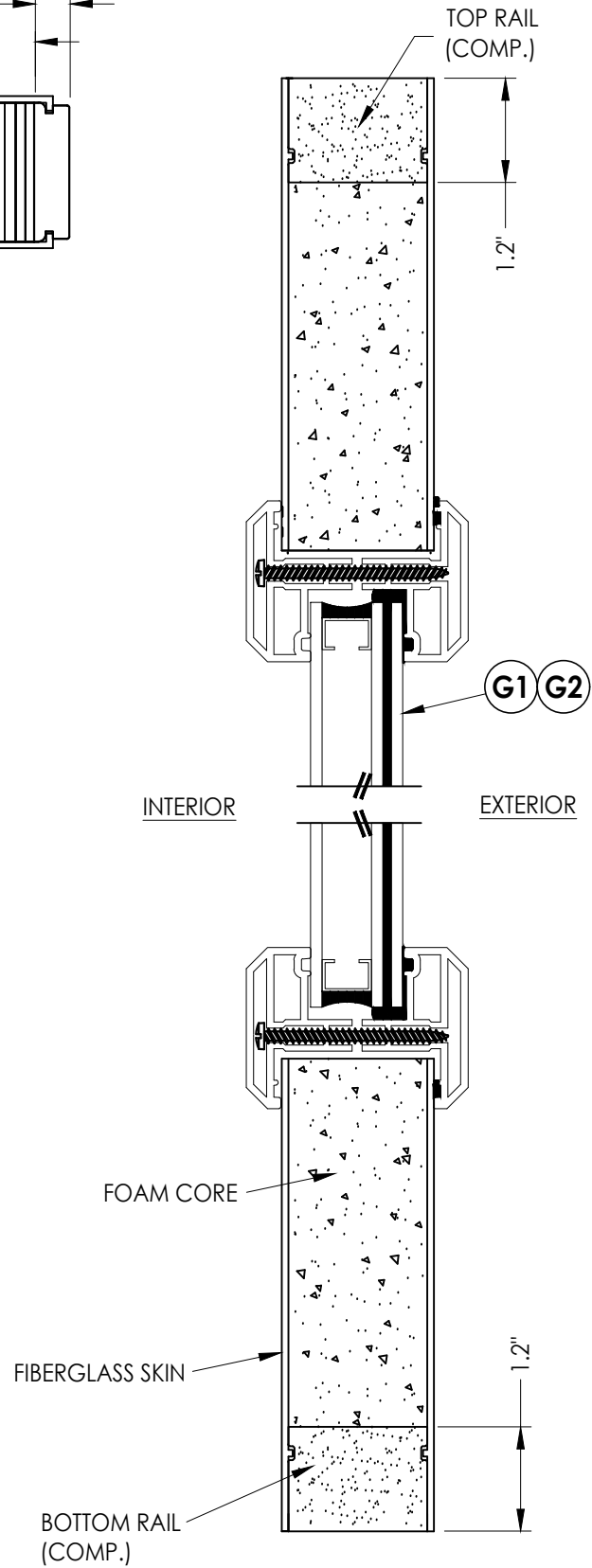


1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL
Plastpro
Fiberglass

FIBERGLASS SKIN: 0.125" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)



2
3 VERTICAL CROSS SECTION

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

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

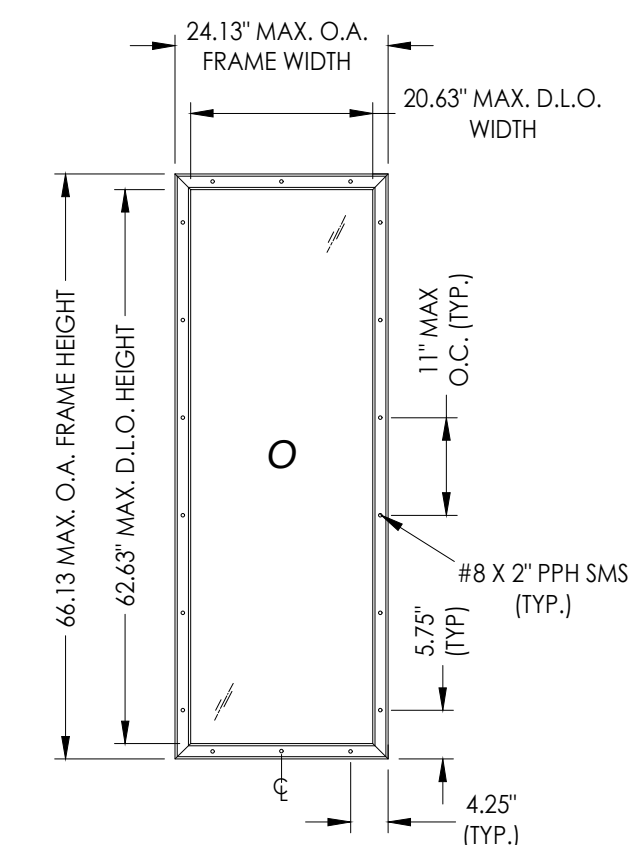
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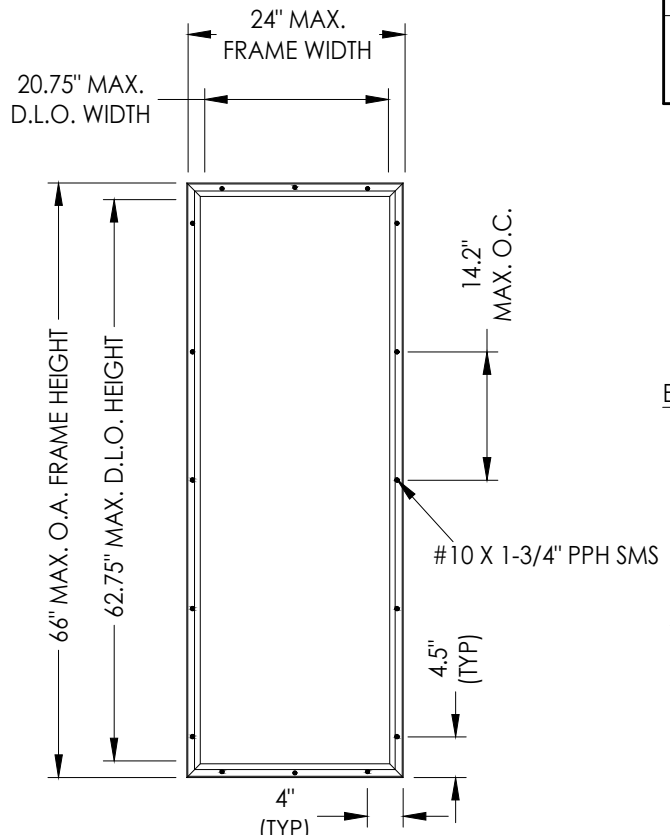
FL-39254.5

SHEET 3 of 16

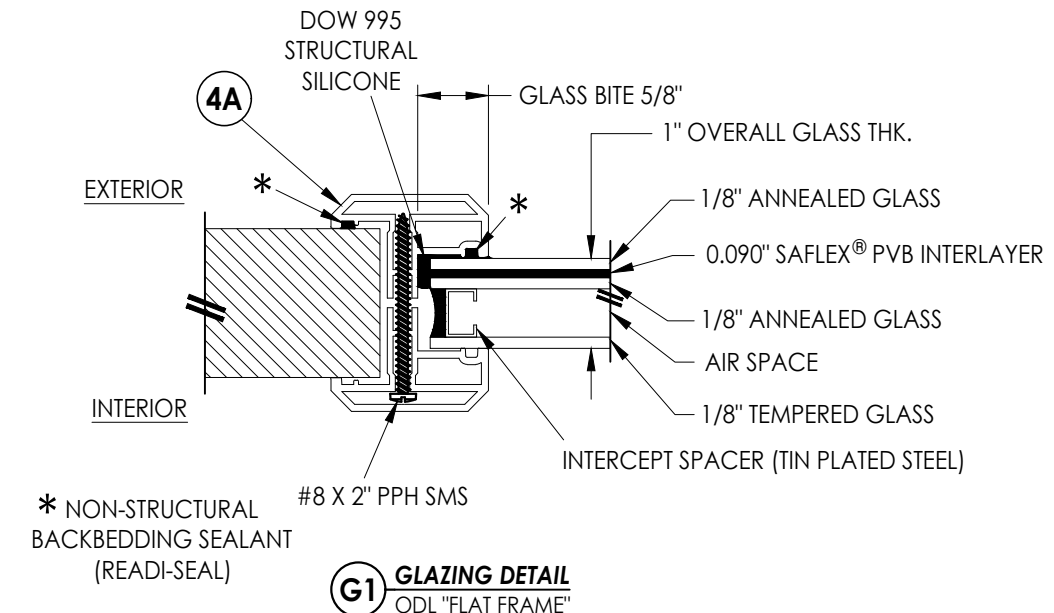
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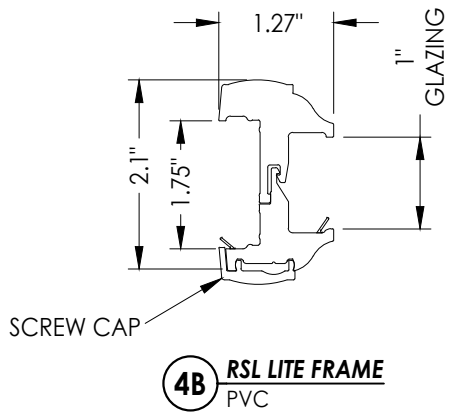
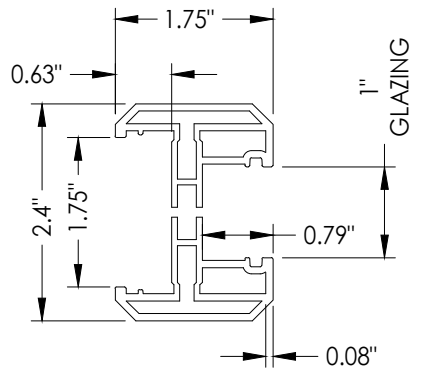
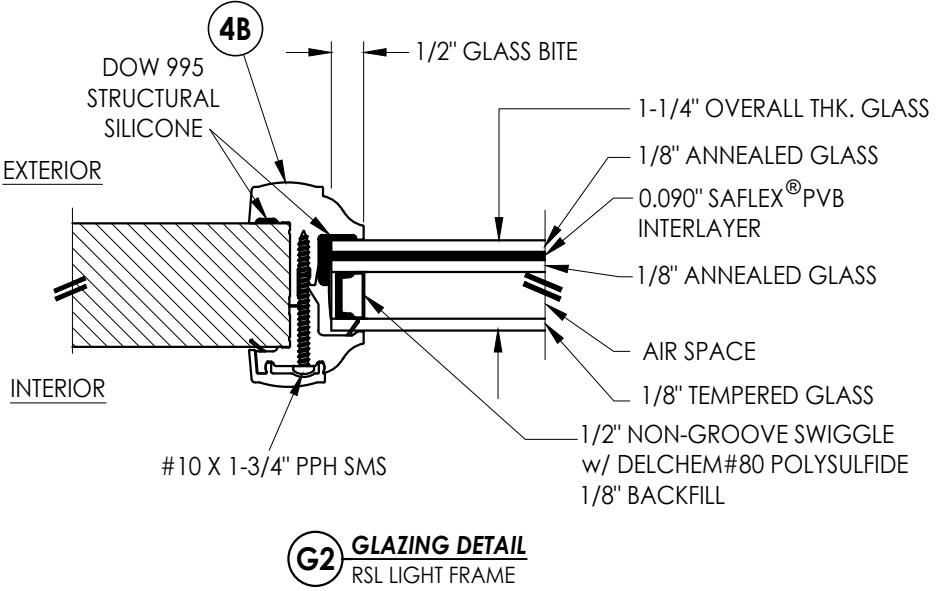
ODL LITE FRAME



RSL LITE FRAME



LITE FRAME TABLE	
MANUFACTURER	MAX. DESIGN PRESSURE (PSF)
ODL	± 65
RSL	± 60



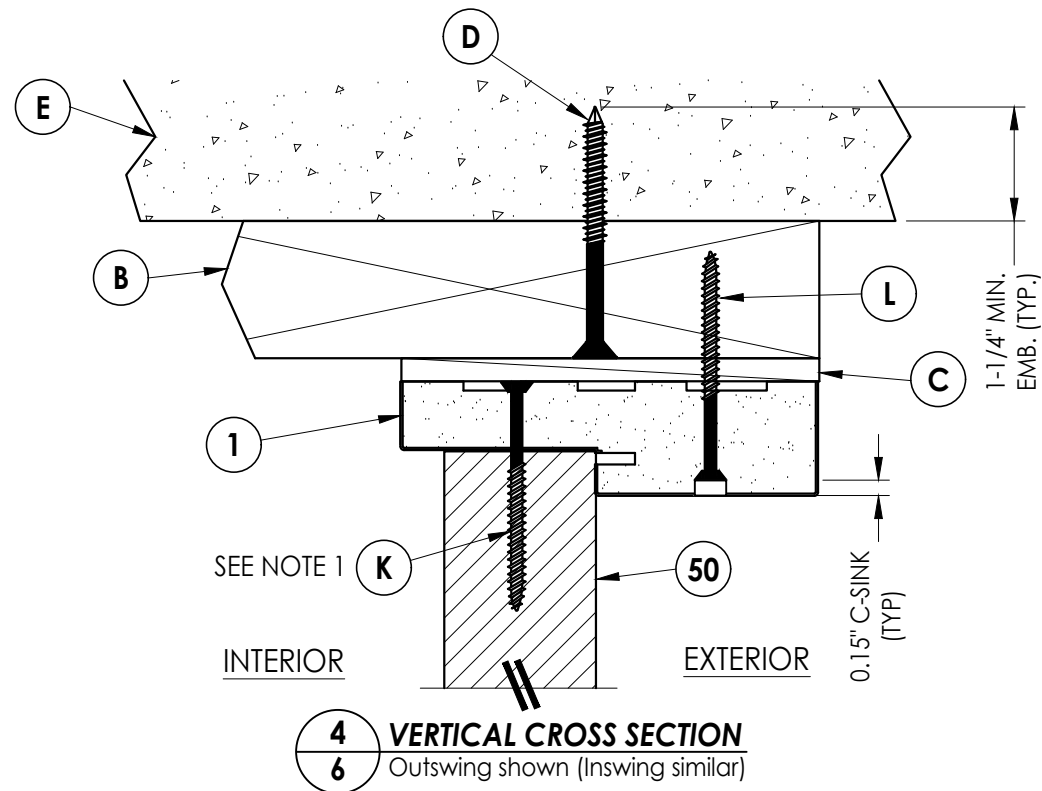
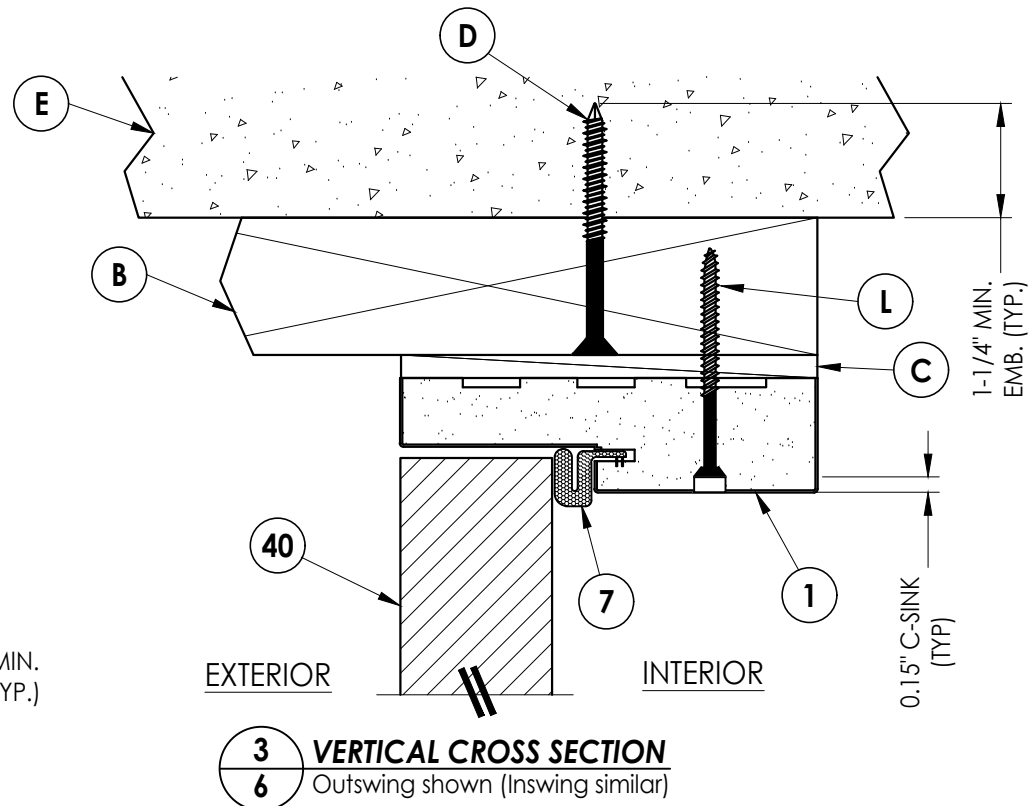
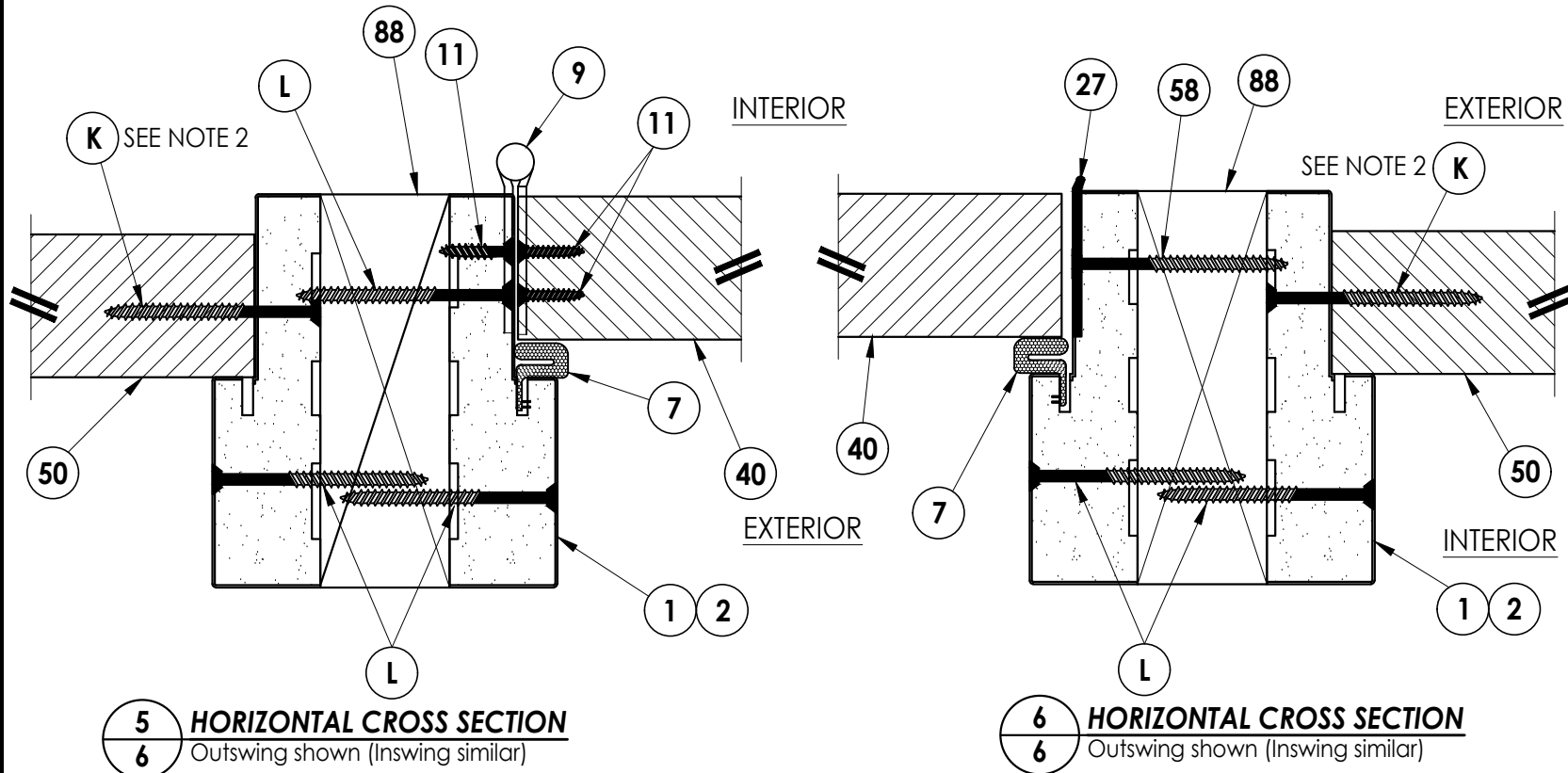
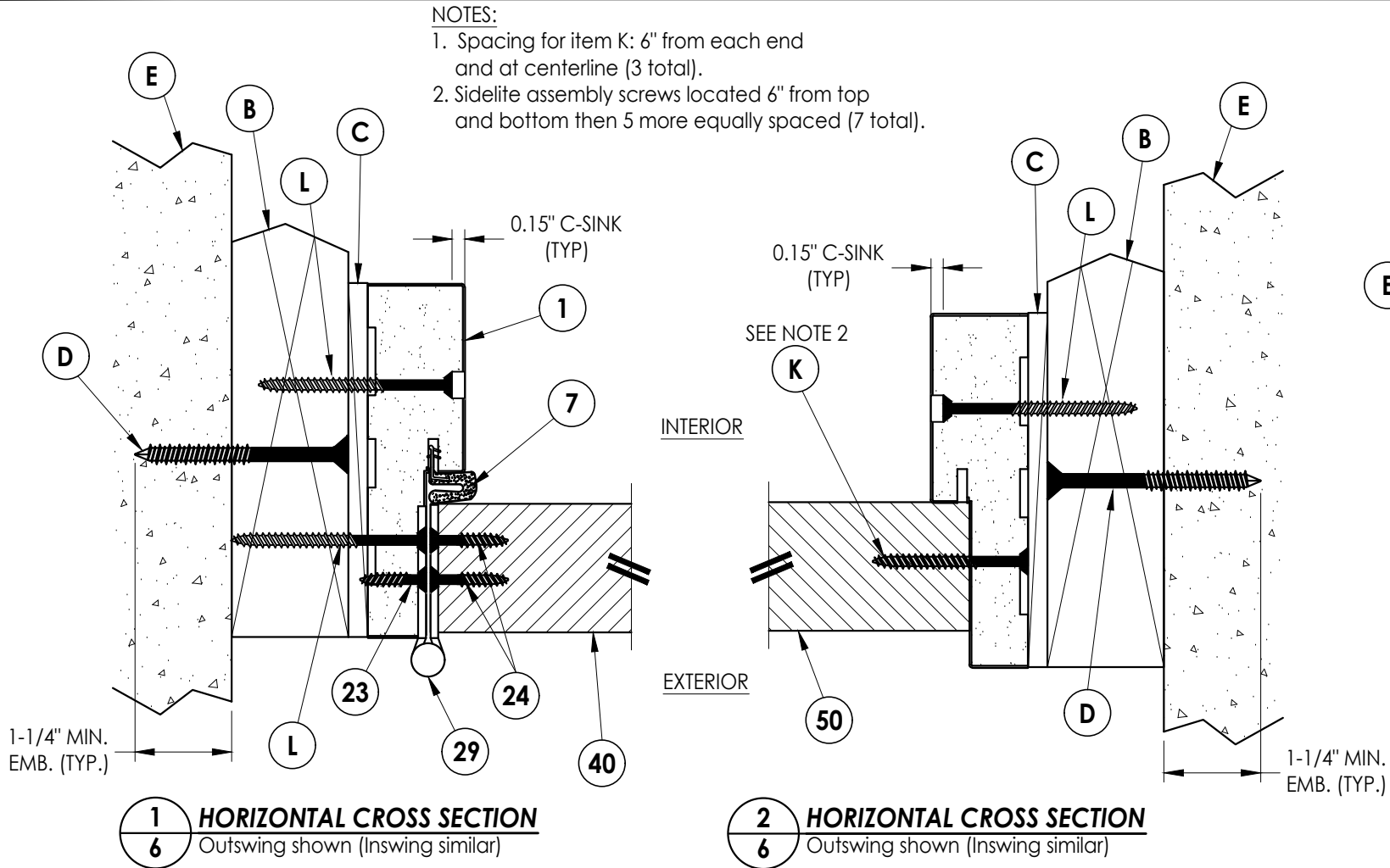
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: LITE FRAME DETAILS AND GLAZING DETAILS	
		LFS	BY
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC
NO.	DATE	REVISIONS	
DATE: 3/29/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39254.5			
SHEET 4 OF 16			

The diagram shows three doors, each with a rectangular frame and a central area. The first door on the left has a large 'O' in the center. The middle door has a large 'X' in the center. The third door on the right has a large 'O' in the center. Various numbers are placed around the doors in circles, some with horizontal lines through them. Arrows point from these numbers to specific locations on the doors. For example, a circle with '5' over '6' has an arrow pointing to the left side of the first door. A circle with '3' over '8' over '6' has an arrow pointing to the top of the middle door. A circle with '4' over '8' over '6' has an arrow pointing to the top of the third door. A circle with '2' over '6' over '2' over '7' over '2' over '8' over '2' over '10' has an arrow pointing to the right side of the third door. A circle with '1' over '9' has an arrow pointing to the bottom of the middle door. A circle with '2' over '9' has an arrow pointing to the bottom of the middle door. A circle with '3' over '9' has an arrow pointing to the bottom of the middle door. A circle with '4' over '9' has an arrow pointing to the bottom of the third door. A circle with '5' over '9' has an arrow pointing to the bottom of the third door. A circle with '6' over '6' has an arrow pointing to the right side of the third door. A circle with '3' over '8' over '3' over '6' has an arrow pointing to the top of the middle door. A circle with '3' over '10' over '3' over '7' has an arrow pointing to the top of the middle door. A circle with '4' over '8' over '4' over '6' has an arrow pointing to the top of the third door. A circle with '4' over '10' over '4' over '7' has an arrow pointing to the top of the third door. A circle with '2' over '6' over '2' over '7' over '2' over '8' over '2' over '10' has an arrow pointing to the right side of the third door. A circle with '1' over '9' has an arrow pointing to the bottom of the middle door. A circle with '2' over '9' has an arrow pointing to the bottom of the middle door. A circle with '3' over '9' has an arrow pointing to the bottom of the middle door. A circle with '4' over '9' has an arrow pointing to the bottom of the third door. A circle with '5' over '9' has an arrow pointing to the bottom of the third door. A circle with '6' over '6' has an arrow pointing to the right side of the third door.

[illegible]SHEET 5 OF 16

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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:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)**

NO.	DATE	REVISIONS	
		BY	
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1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC LFS

DATE: 3/29/22

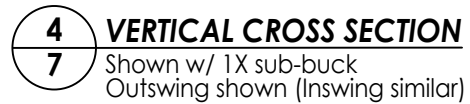
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39254.5

SHEET 6 OF 16



DATE:	3/29/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.5
SHEET	7 OF 16

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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INTERIOR
EXTERIOR

1-1/4" MIN.
EMB. (TYP.)

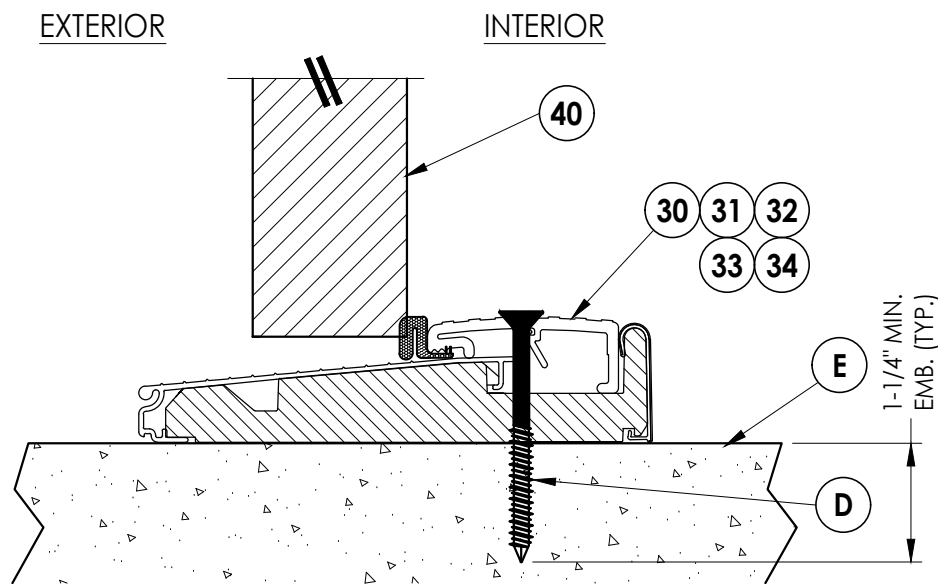
SEE NOTE 2

A detailed cross-section diagram of a parapet wall assembly. The diagram is divided into two main regions: **EXTERIOR** on the left and **INTERIOR** on the right. The exterior wall is shown with diagonal hatching and is labeled with a circled **40**. The interior wall is shown with a stippled pattern and is labeled with a circled **1**. A horizontal layer, likely a concrete or masonry base, is labeled with a circled **C**. Above this base, a layer of insulation or a different material is labeled with a circled **7**. The top of the parapet is covered with a layer of material labeled with a circled **E**, which contains small triangular symbols representing aggregate or reinforcement. A vertical reinforcement bar, labeled with a circled **D**, extends from the interior wall through the base layer and the top layer. A dimension line on the right indicates a minimum thickness of **1-1/4" MIN.** for the top layer, with the text **EMB. (TYP.)** below it. The diagram is labeled with circled letters **A** through **E** and circled numbers **1** through **7** pointing to specific components.

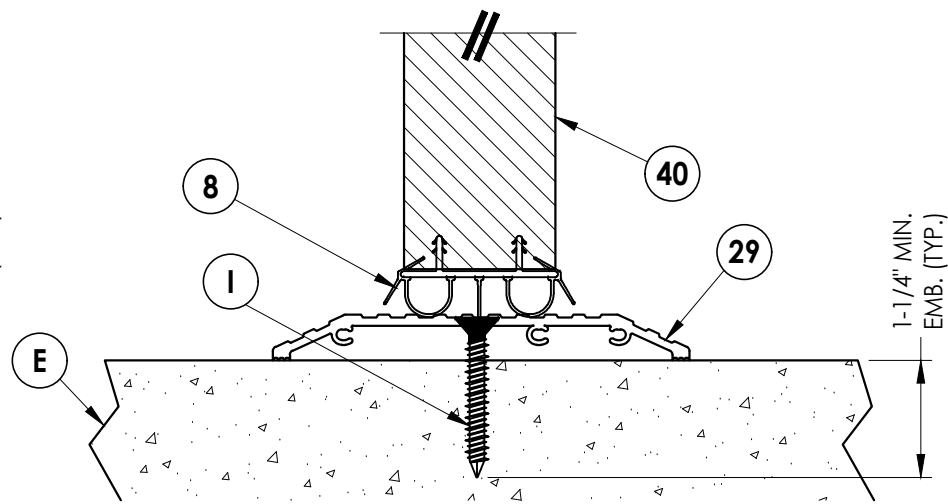
4 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
 Outswing shown (Inswing similar)

- | | | | | | |
|-------------------------|--|--|--|---|--|
| DATE: 3/29/22 | | PRODUCT: | | Documents Prepared By: | |
| SCALE: N.T.S. | | PLASTPRO INC. | | Lyndon F. Schmidt | |
| DWG. BY: RW | | FIBERGLASS DOOR | | P.E. No. 43409 | |
| CHK. BY: LFS | | PART OR ASSEMBLY: | | 
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813 | |
| DRAWING NO.: FL-39254.5 | | HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY) | | | |
| SHEET 8 OF 16 | | | | | |
| | | | | | |
| | | | | | |
| NO. | | DATE | | | |
| 2 | | 7/02/26 | | UPDATE TO 9TH ED. (2026) FBC LFS | |
| 1 | | 8/10/23 | | UPDATE TO 8TH ED. (2023) FBC LFS | |
| NO. | | DATE | | BY | |
| | | | | | |
| | | | | REVISIONS | |

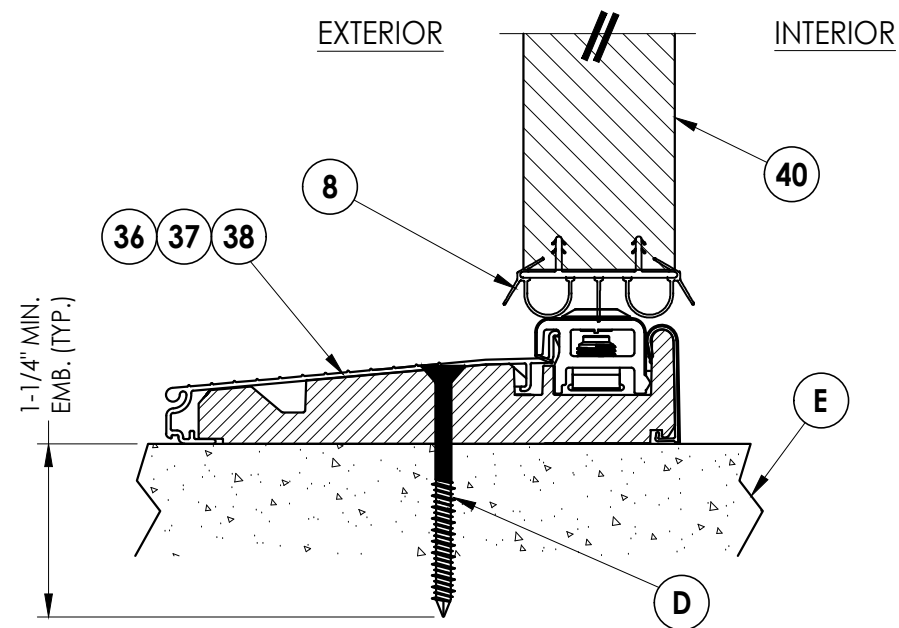
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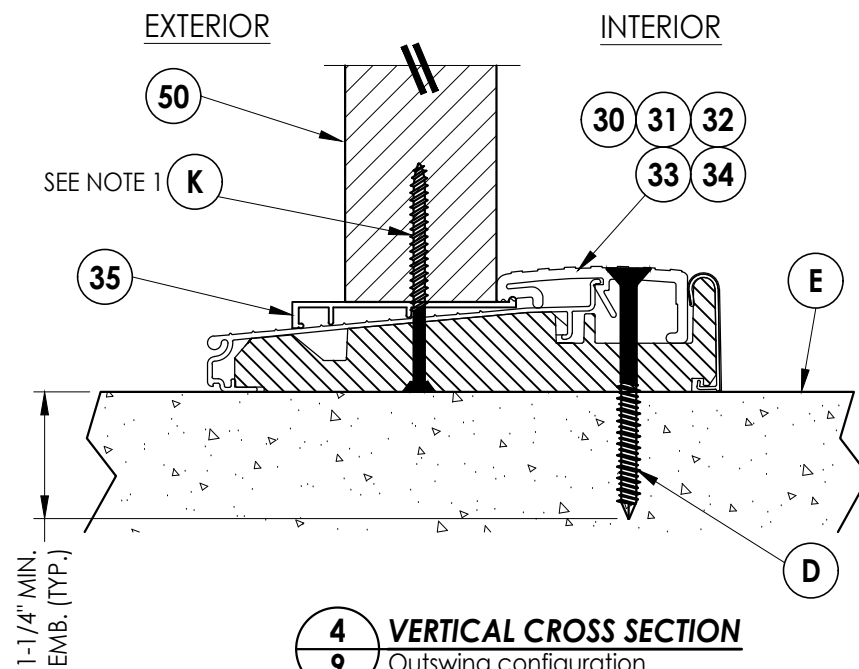
1 **VERTICAL CROSS SECTION**
9 Outswing configuration



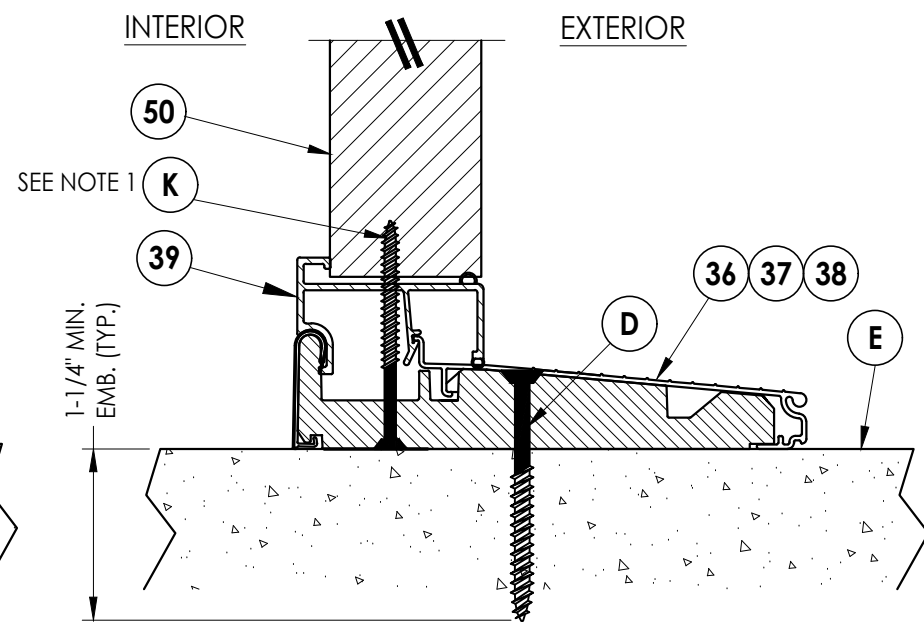
2 **VERTICAL CROSS SECTION**
9 ADA Threshold



3 **VERTICAL CROSS SECTION**
9 Inswing configuration



4 **VERTICAL CROSS SECTION**
9 Outswing configuration



5 **VERTICAL CROSS SECTION**
9 Inswing configuration

NOTE:

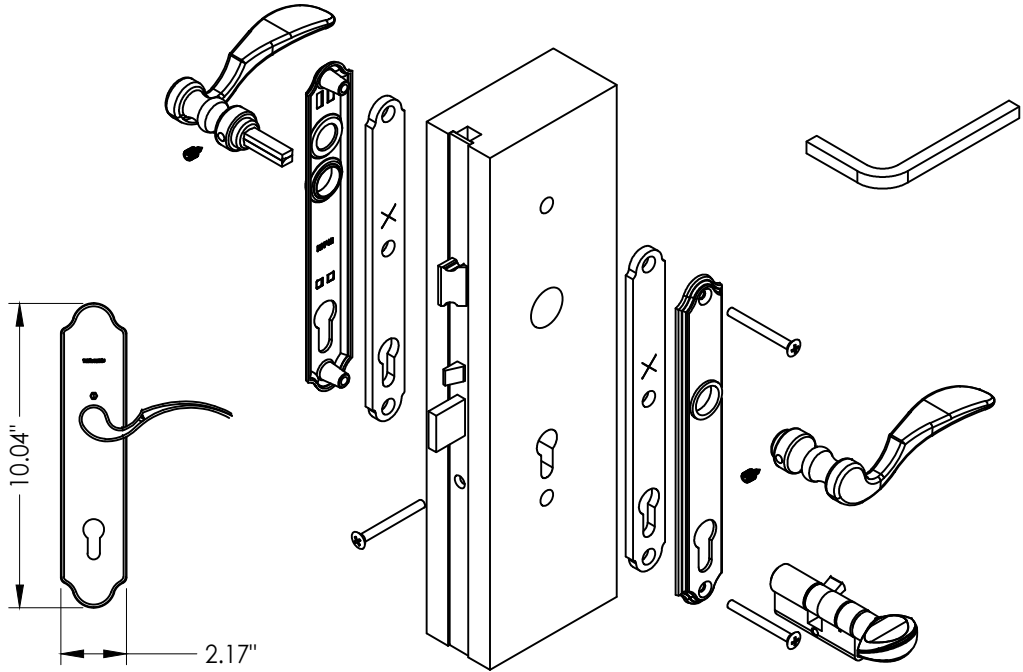
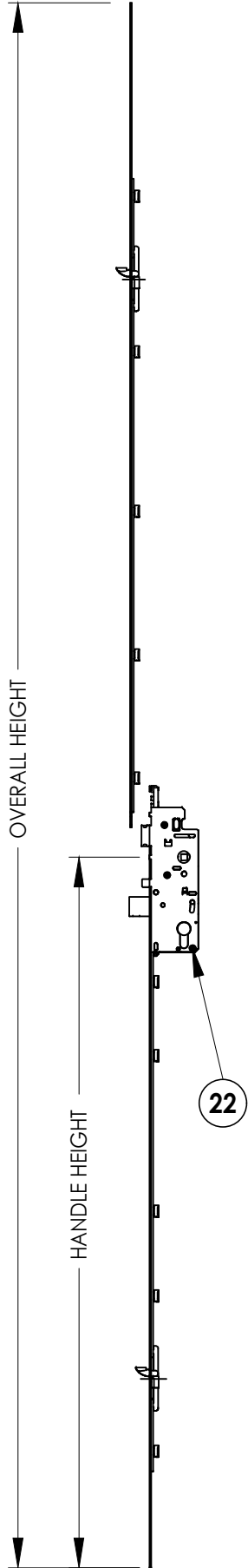
1. Spacing for item K: 6" from each end
and at centerline (3 total).

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: VERTICAL CROSS SECTIONS (THRESHOLDS)	
		LFS	BY
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	
1	8/10/23	UPDATE TO 8TH ED. (2023)	
NO.	DATE		
REVISIONS			
DATE: 3/29/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39254.5			
SHEET 9 OF 16			

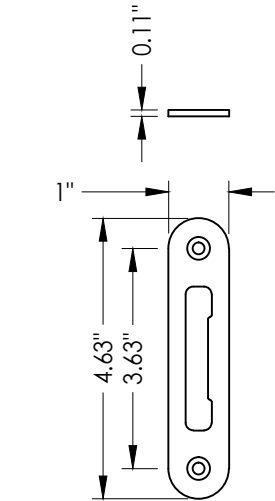
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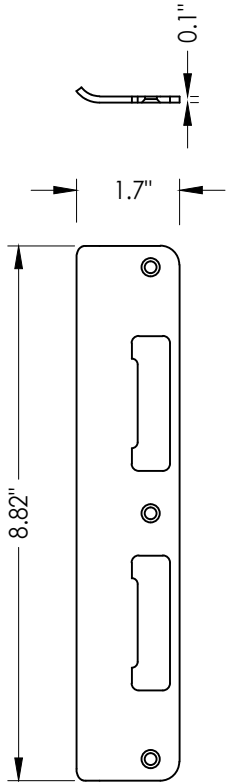
MANUAL RAISED TONGUE GEAR SYSTEM



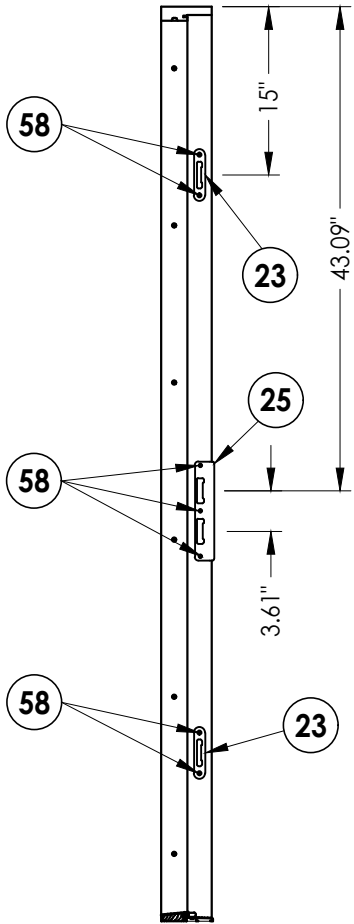
22 HOPPE MULTIPOINT LOCKSET
HLS9000 3-Point "Tongue"



23 MULTIPOINT STRIKE PLATE



25 LATCH AND DEADBOLT STRIKE PLATE
Tongue system



STRIKE JAMB

DATE: 3/29/22	
SCALE: N.T.S.	
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.: FL-39254.5	
SHEET 11	OF 16

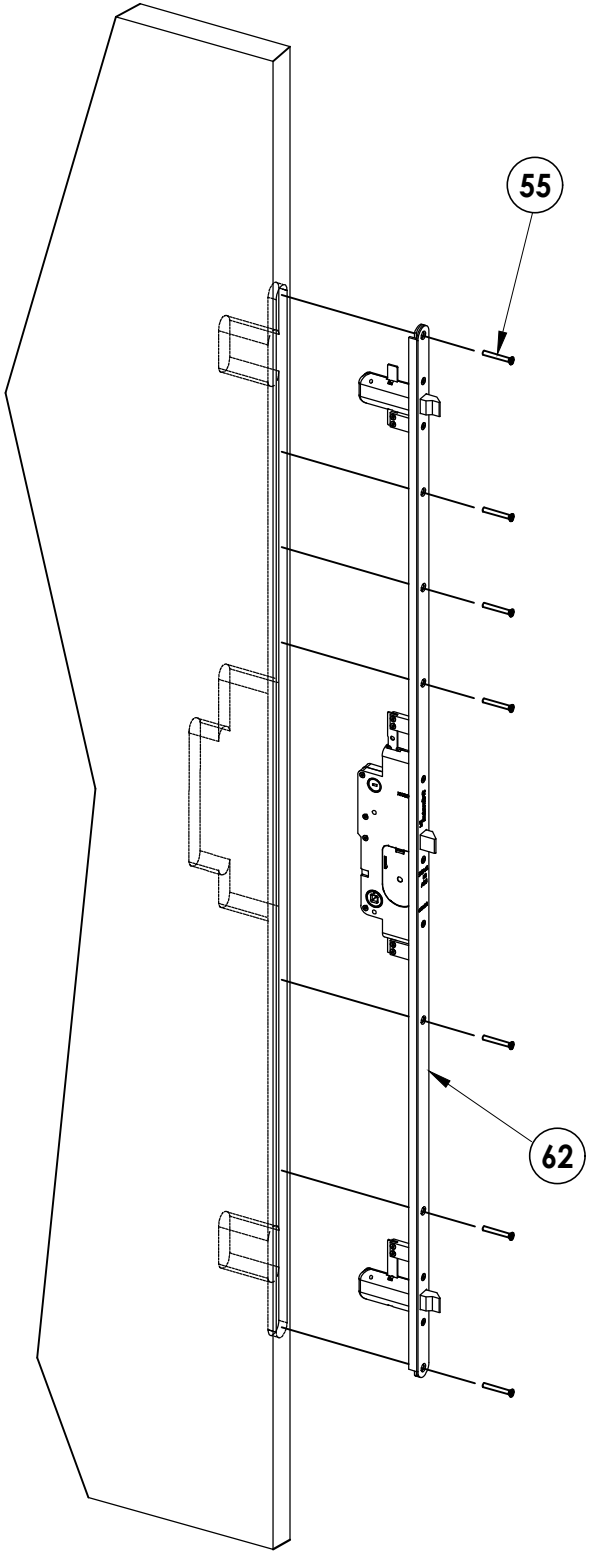
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: 3-POINT LOCK DETAILS

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	DATE
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1	8/10/23	UPDATE TO 8TH ED.	FBC	LFS	

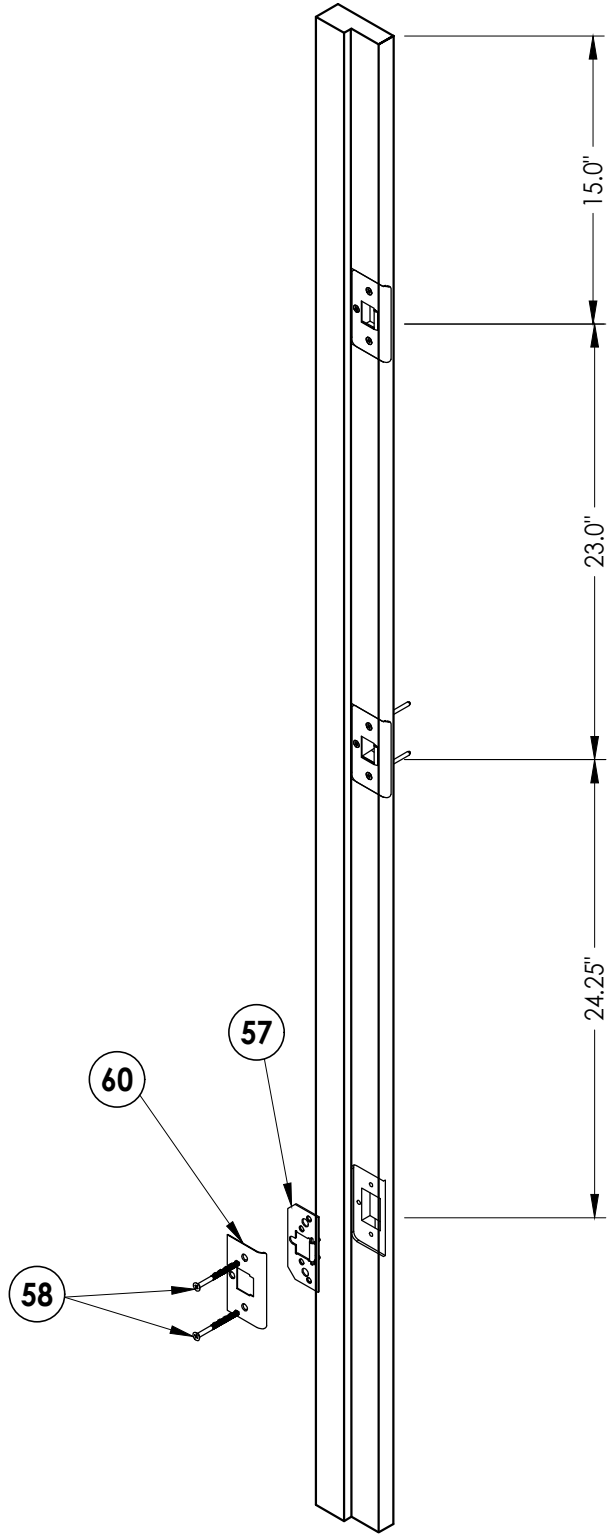
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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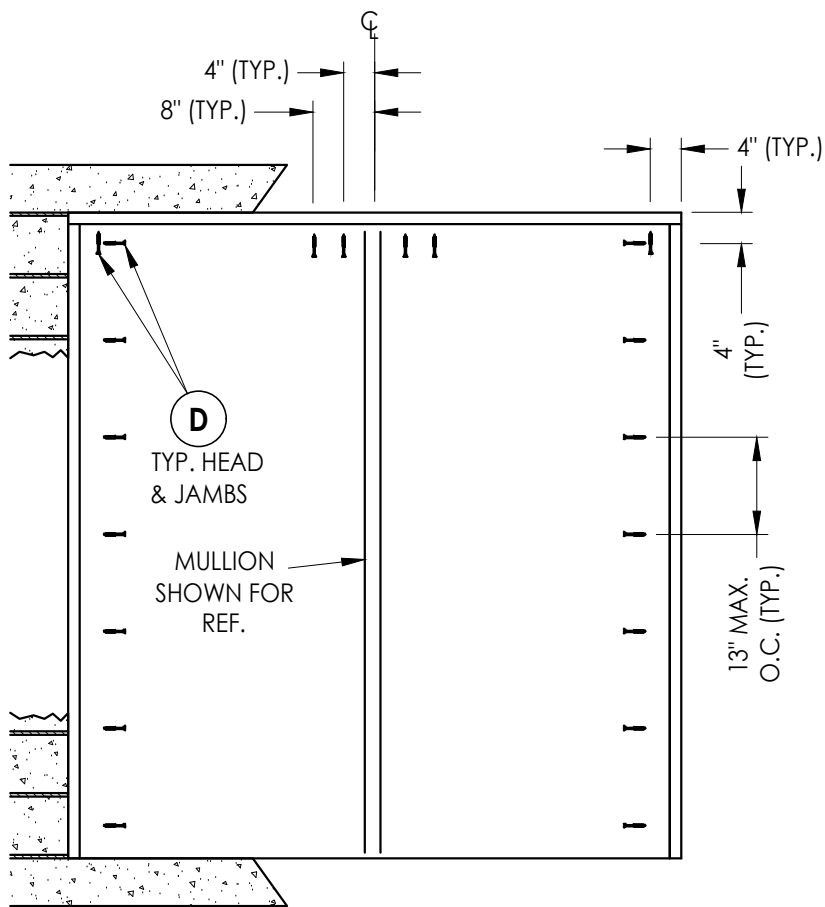
ENDURA TRIENNium 3000
3 pt. Lock



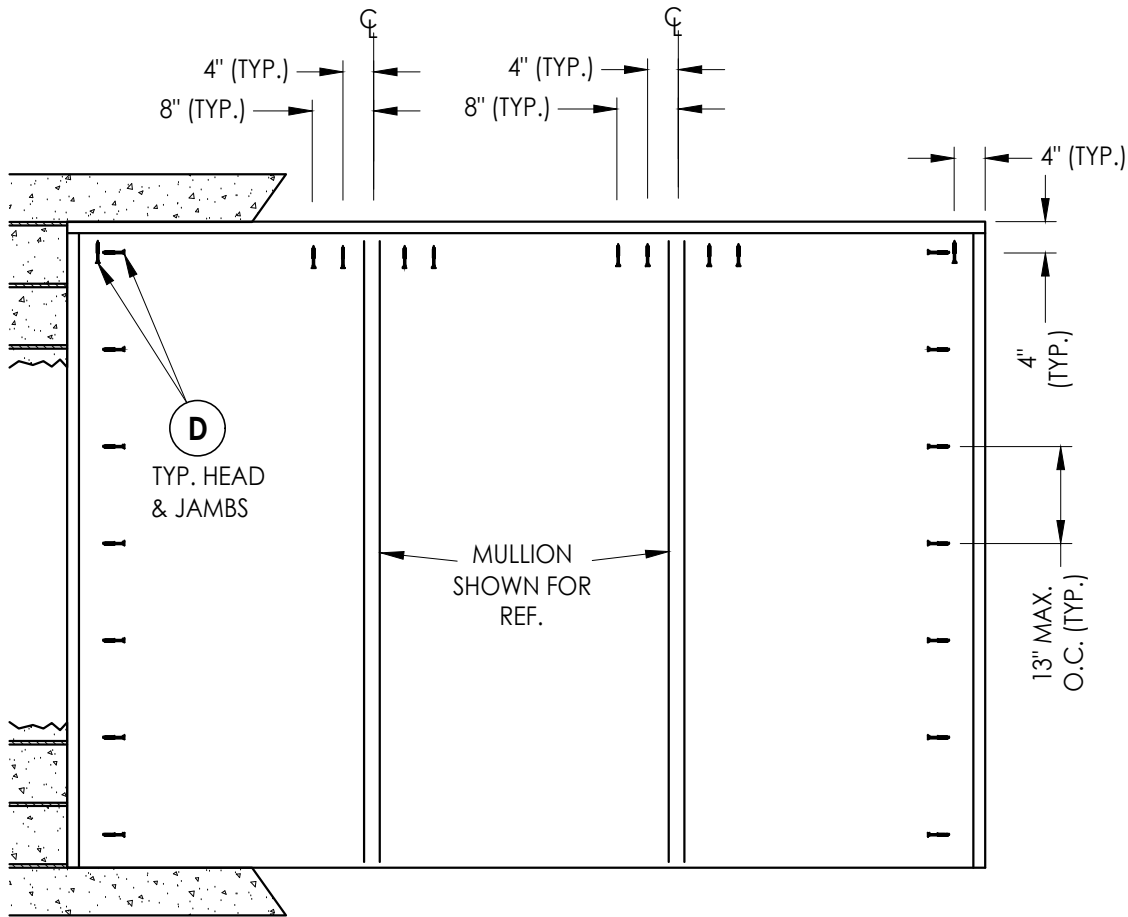
STRIKE JAMB DETAIL

DATE: 3/29/22				PRODUCT:				Documents Prepared By:			
SCALE: N.T.S.				PART OR ASSEMBLY:				Lyndon F. Schmidt			
DWG. BY: RW				3-POINT LOCK DETAILS				P.E. No. 43409			
CHK. BY: LFS								RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DRAWING NO.: FL-39254.5											
SHEET 12 OF 16											

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BUCK ANCHORING
OX



BUCK ANCHORING
OXO

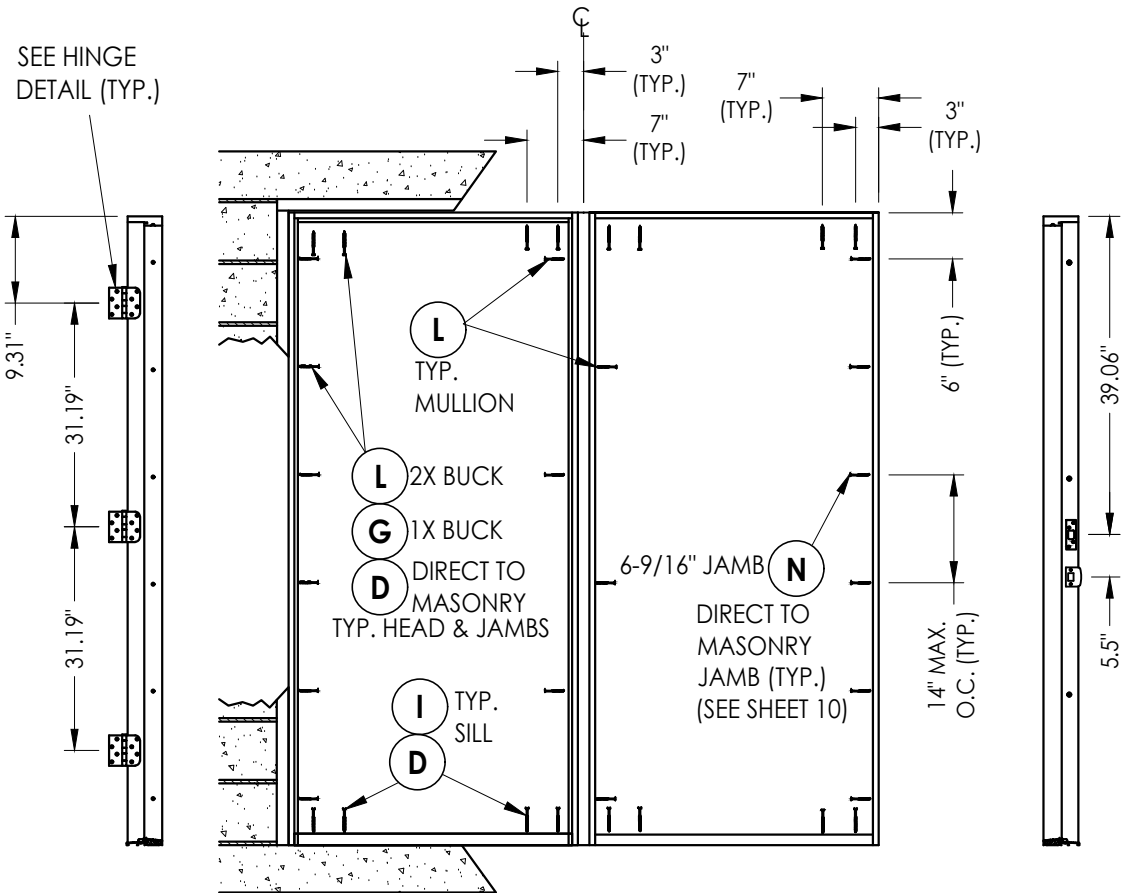
CONCRETE ANCHOR NOTES:

- 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"

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: BUCK ANCHORING	
		LFS	BY
		FBC	
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	REVISIONS
1	8/10/23	UPDATE TO 8TH ED. (2023)	
NO.	DATE		
DATE: 3/29/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39254.5			
SHEET 13 OF 16			

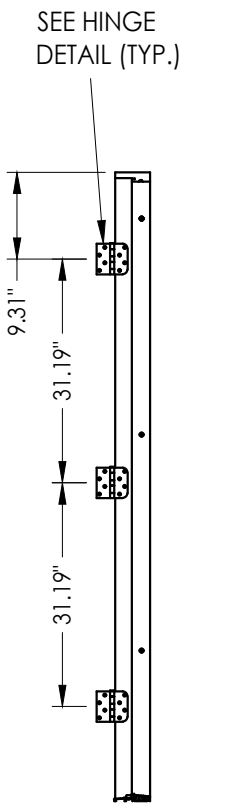
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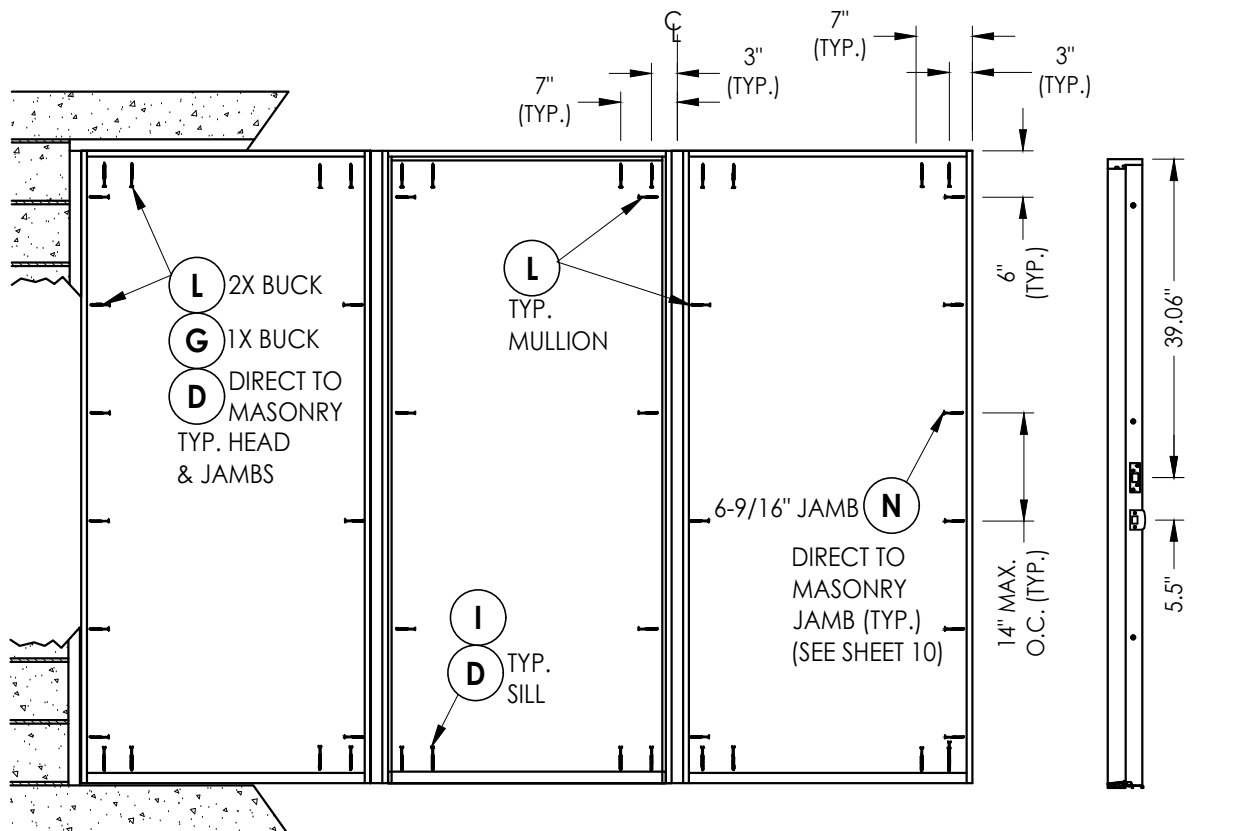
HINGE JAMB

FRAME ANCHORING
OX

STRIKE MULLION



HINGE MULLION



FRAME ANCHORING
OXO

STRIKE MULLION

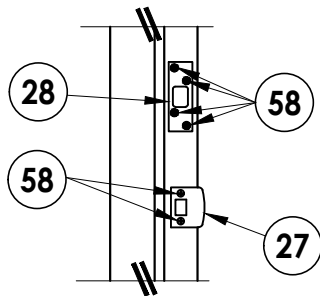
CONCRETE ANCHOR NOTES:

- 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:

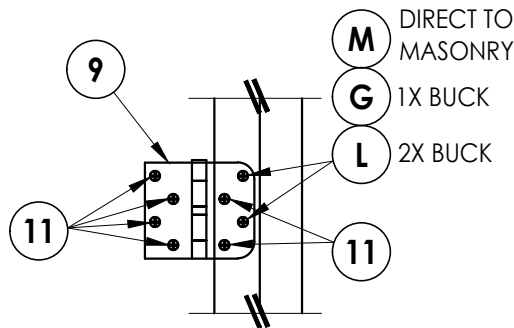
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRAACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

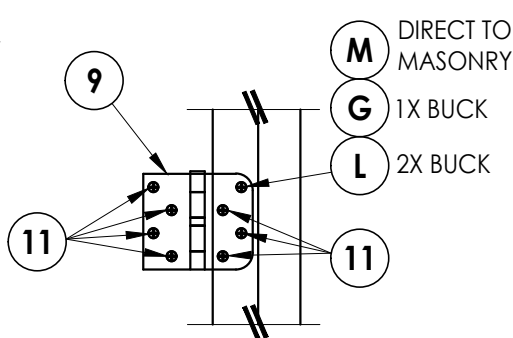
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Details



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
FRAME ANCHORING

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1	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 3/29/22

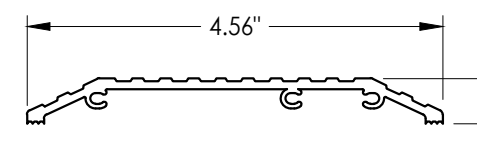
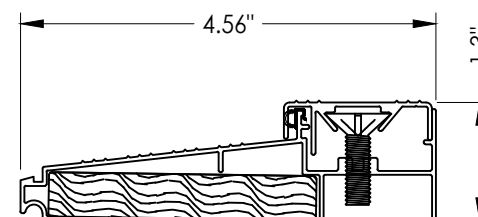
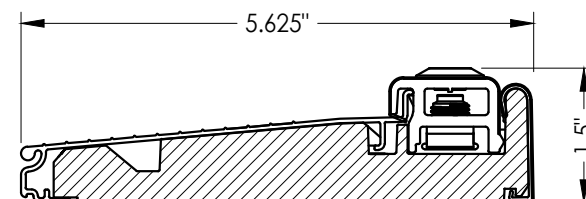
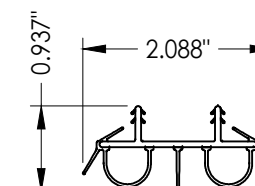
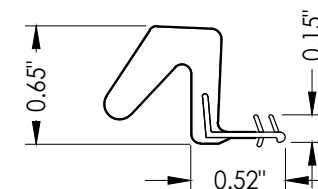
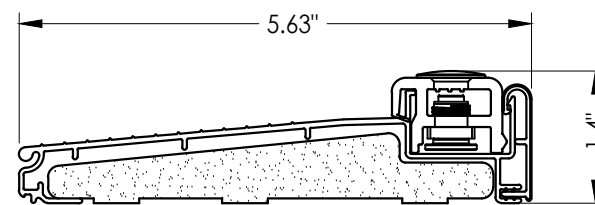
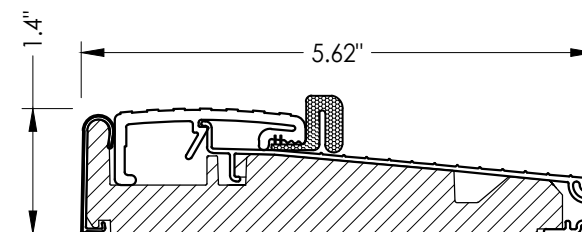
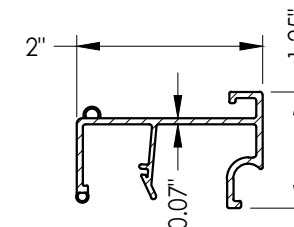
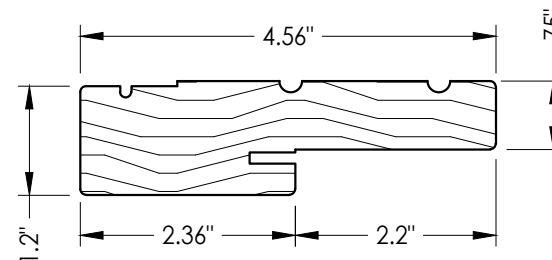
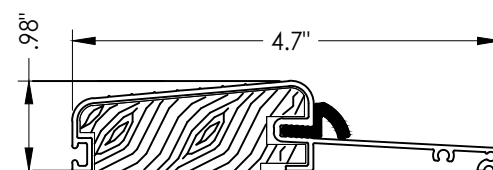
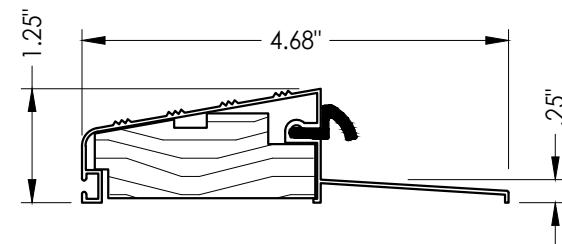
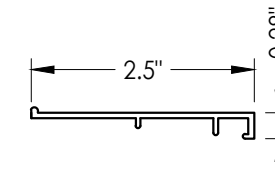
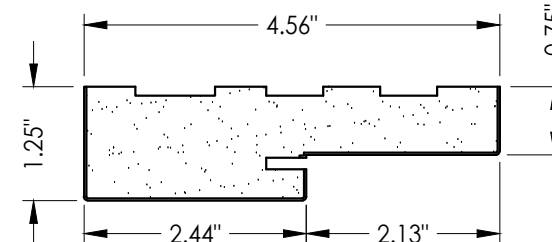
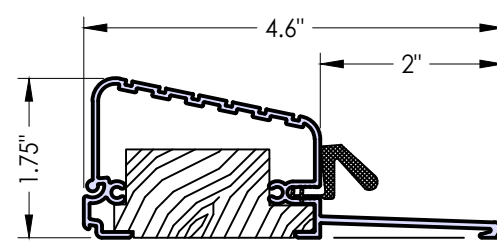
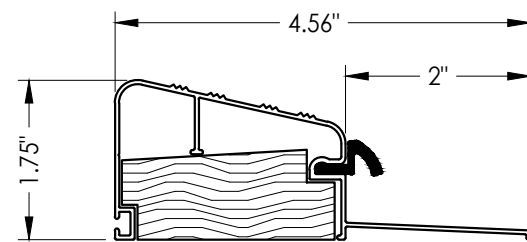
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-39254.5

SHEET 14 OF 16



2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
1	8/10/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
NO.	DATE			BY
REVISIONS				

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

FL-39254.5

Documents Prepared By:
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BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

DATE: 3/29/22		DRAWING NO.: FL-39254.5		SHEET 16 OF 16	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: RW	
NO. DATE		2 7/02/26		UPDATE TO 9TH ED. (2026) FBC LFS	
		1 8/10/23		UPDATE TO 8TH ED. (2023) FBC LFS	
NO. DATE		BY		BILL OF MATERIALS	
PART OR ASSEMBLY:		FIBERGLASS DOOR		PRODUCT:	
BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
FBPE Registry No. 9813		Lyndon F. Schmidt		P.E. No. 43409	
Documents Prepared By:		PLASTPRO INC.		FIBERGLASS DOOR	