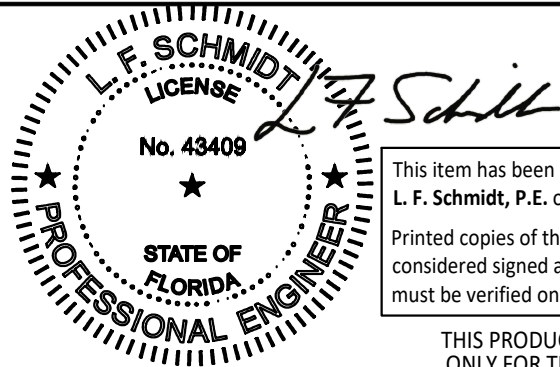




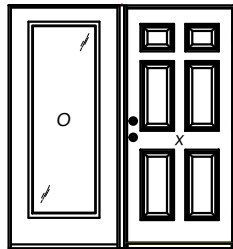
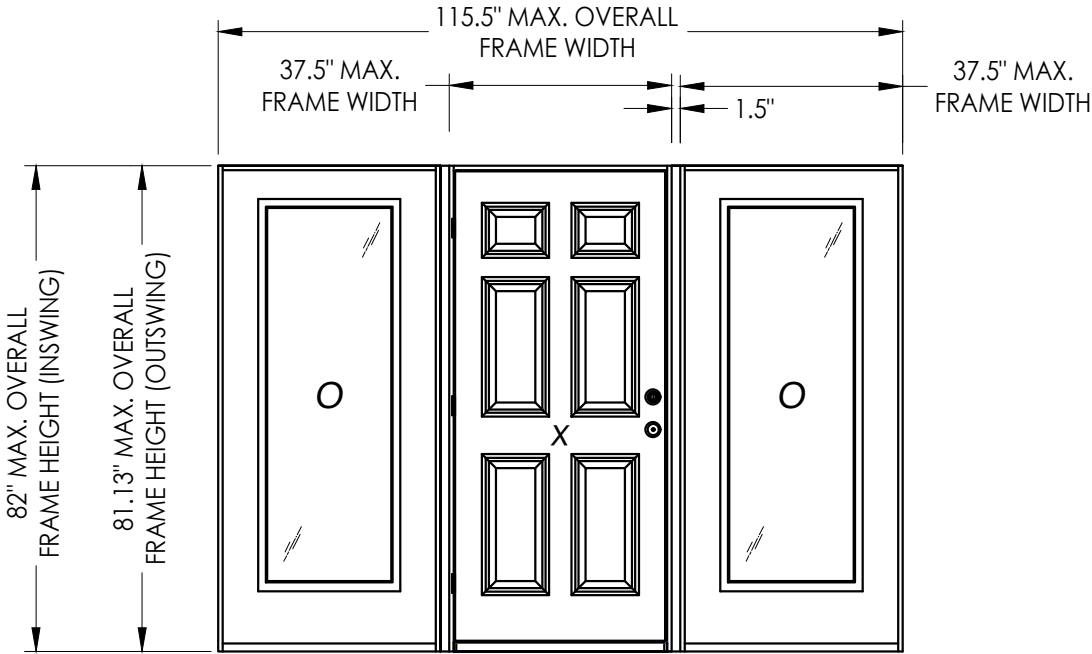
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045



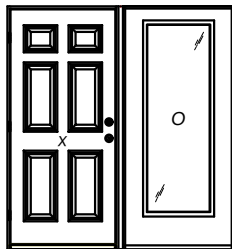
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

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"



OX



XO

- 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

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

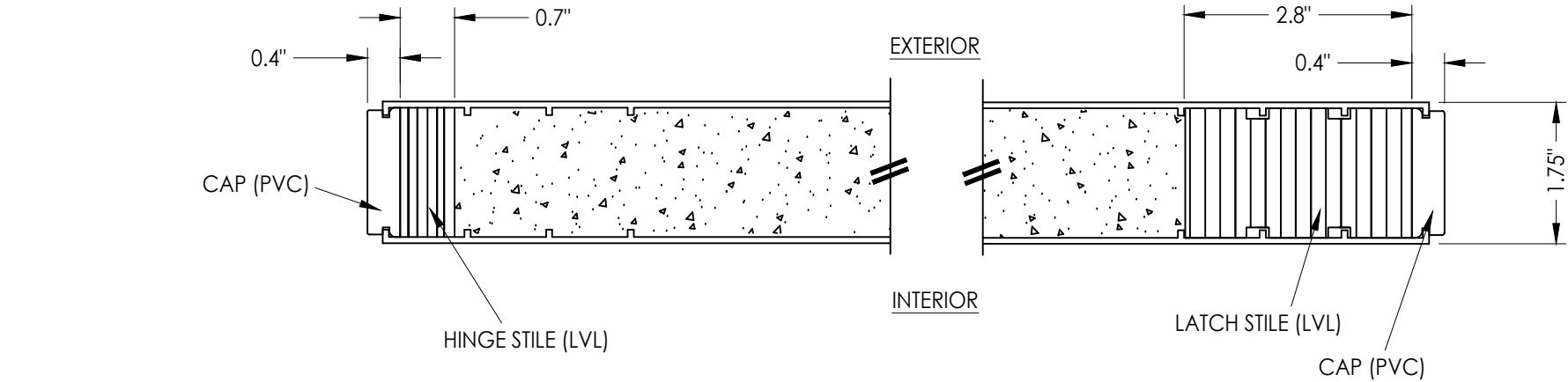
DRAWING NO.: FL-39254.2

SHEET 1 OF 16

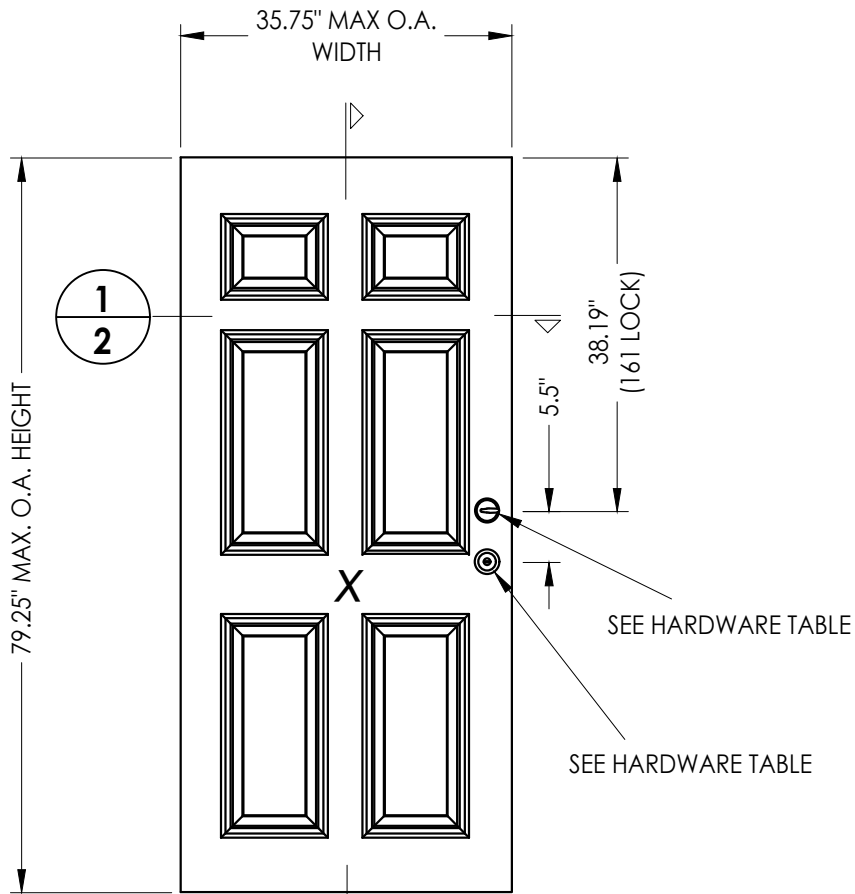
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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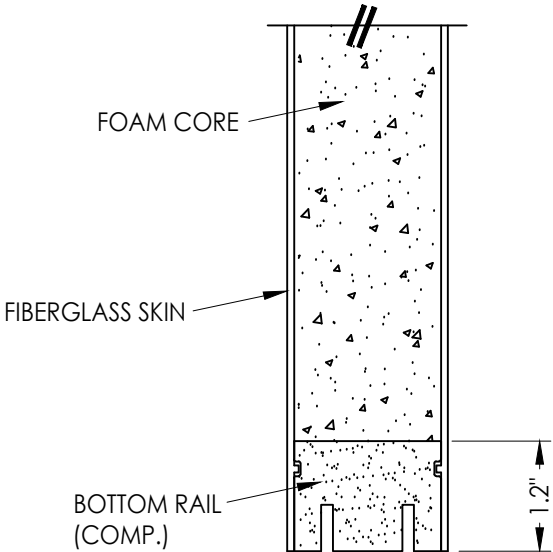
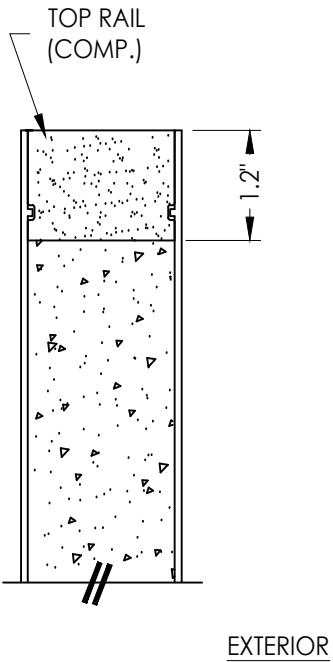
1
2 **HORIZONTAL CROSS SECTION**



2
2
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**

Documents Prepared By:
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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

DATE: 3/29/22

SCALE: N.T.S.

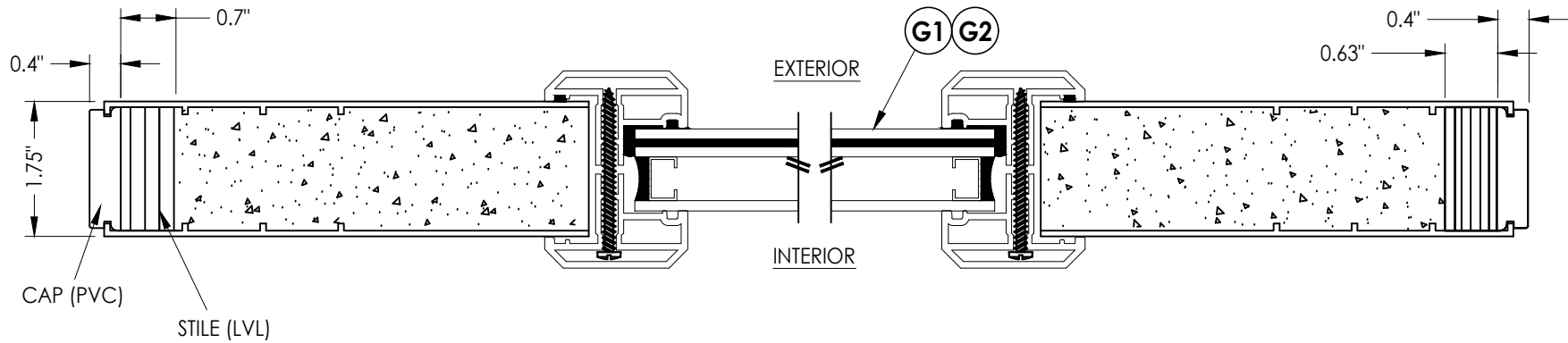
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CHK. BY: LFS

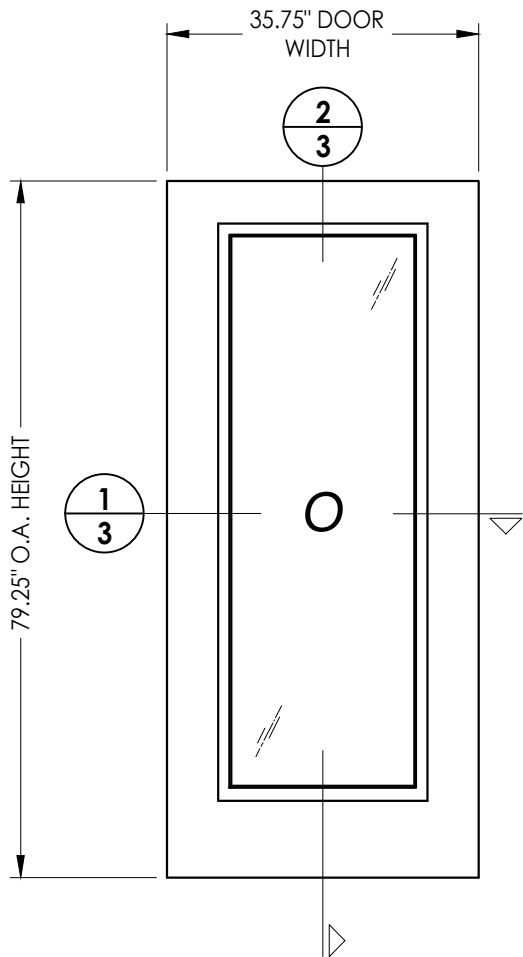
DRAWING NO.:
FL-39254.2

SHEET 2 OF 16

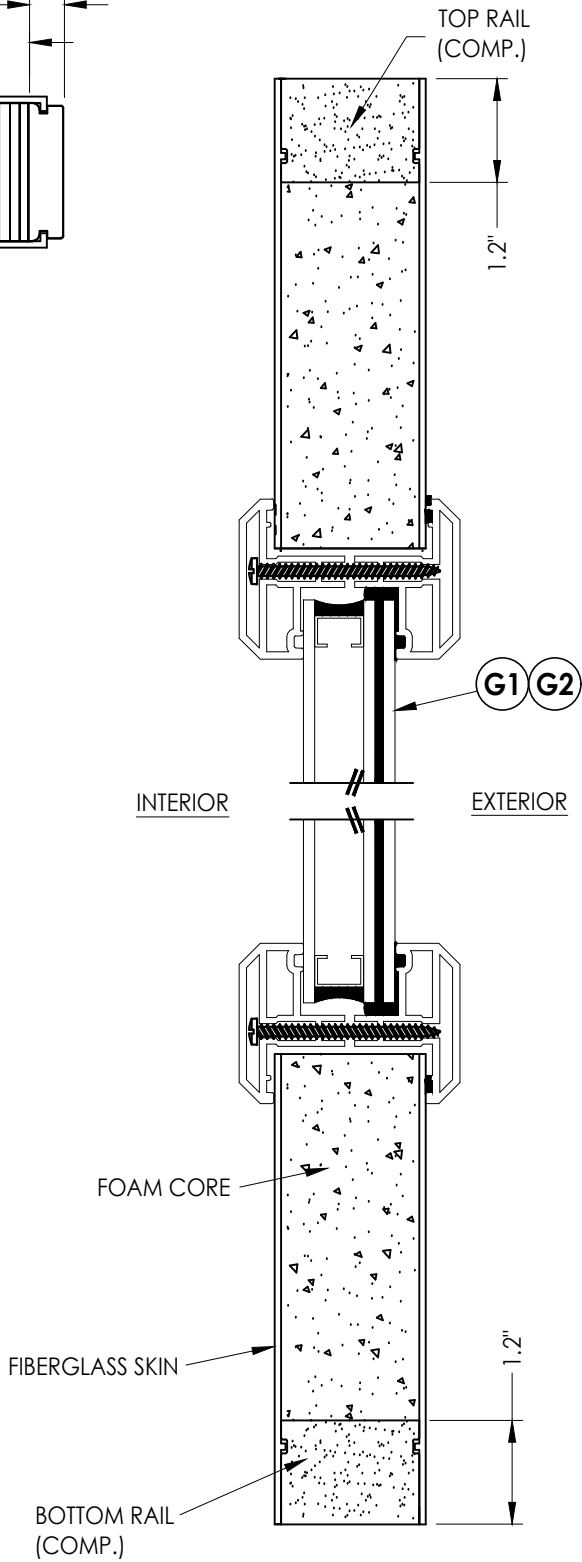
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1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL
Plastpro
Fiberglass



2
3 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

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

DATE: 3/29/22

SCALE: N.T.S.

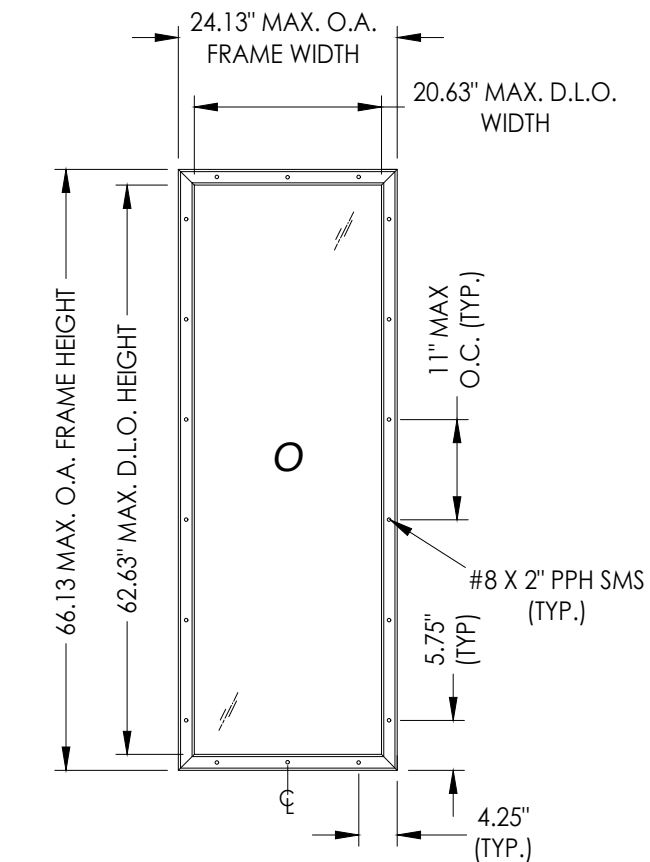
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CHK. BY: LFS

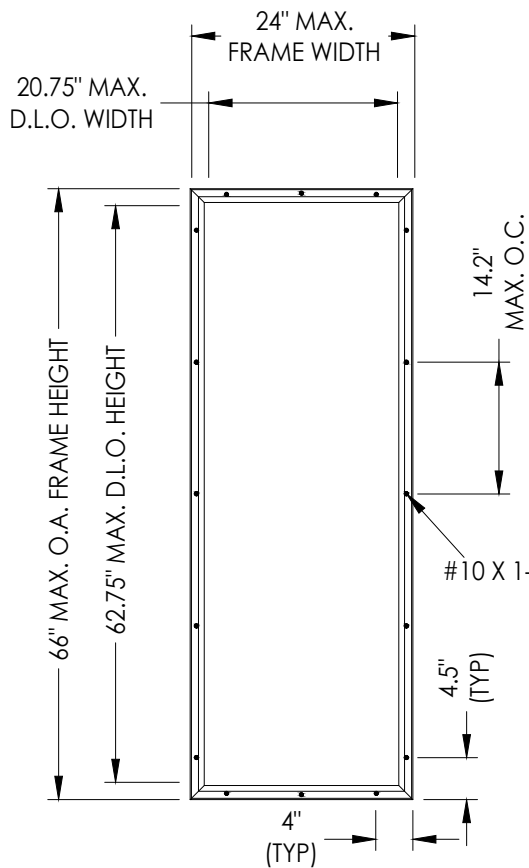
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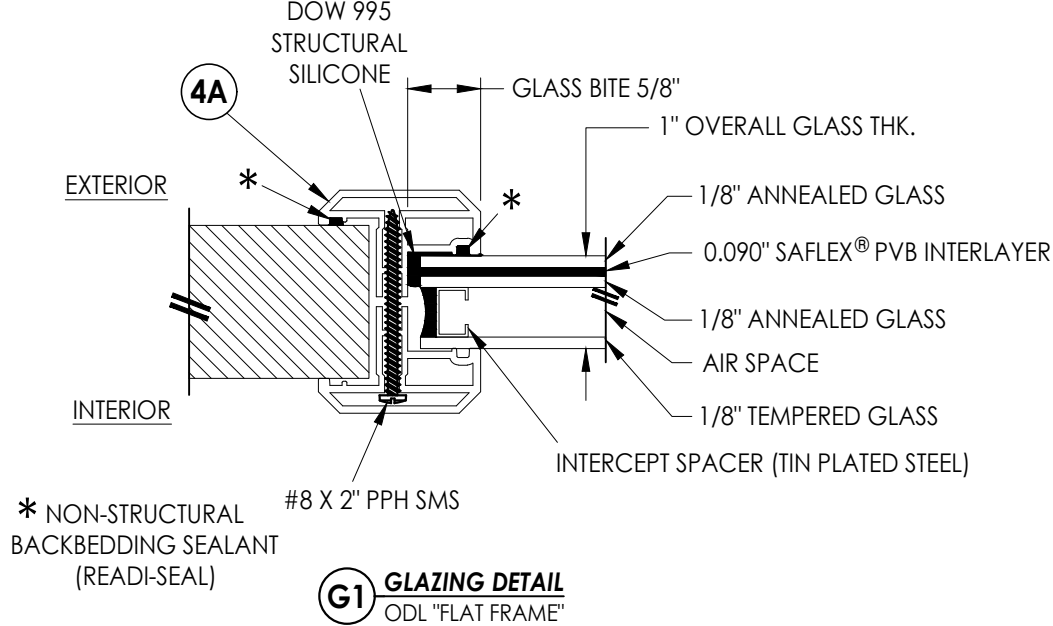
SHEET 3 OF 16



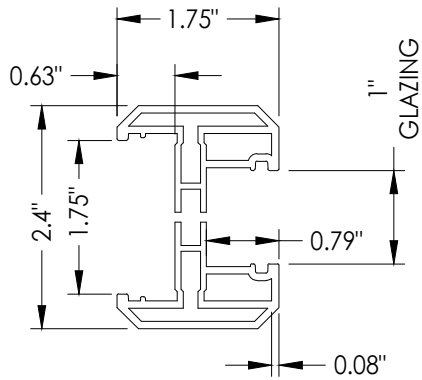
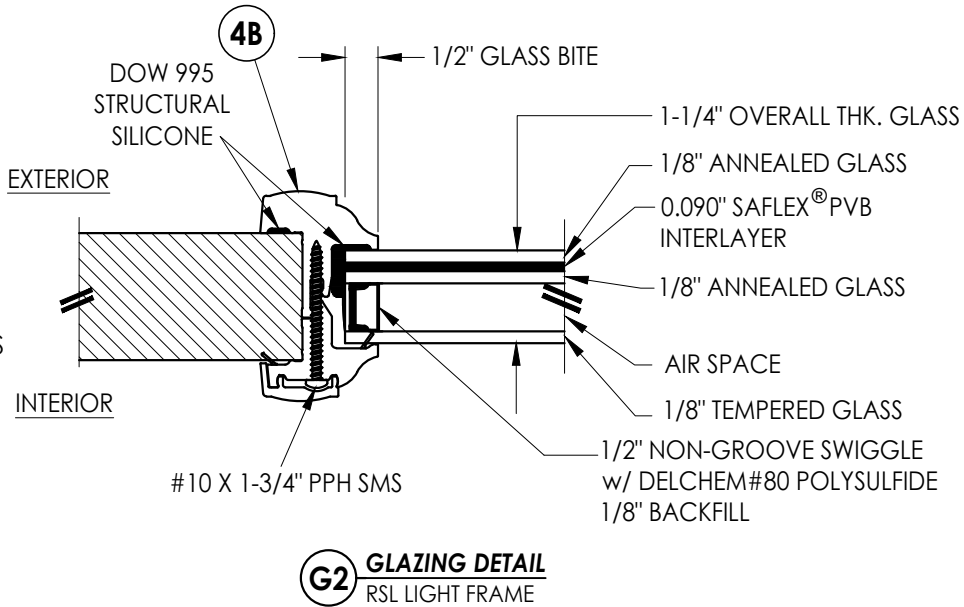
ODL LITE FRAME



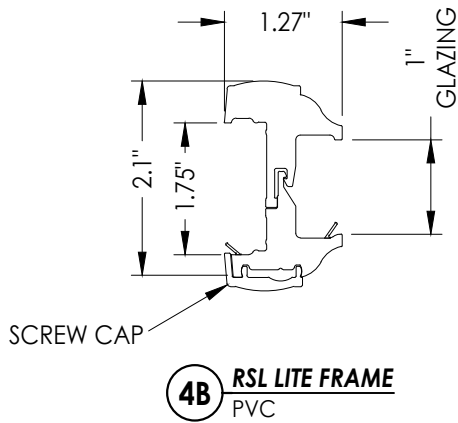
RSL LITE FRAME



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



4A **ODL LITE FRAME**
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



4B RSL LITE FRAME
PVC

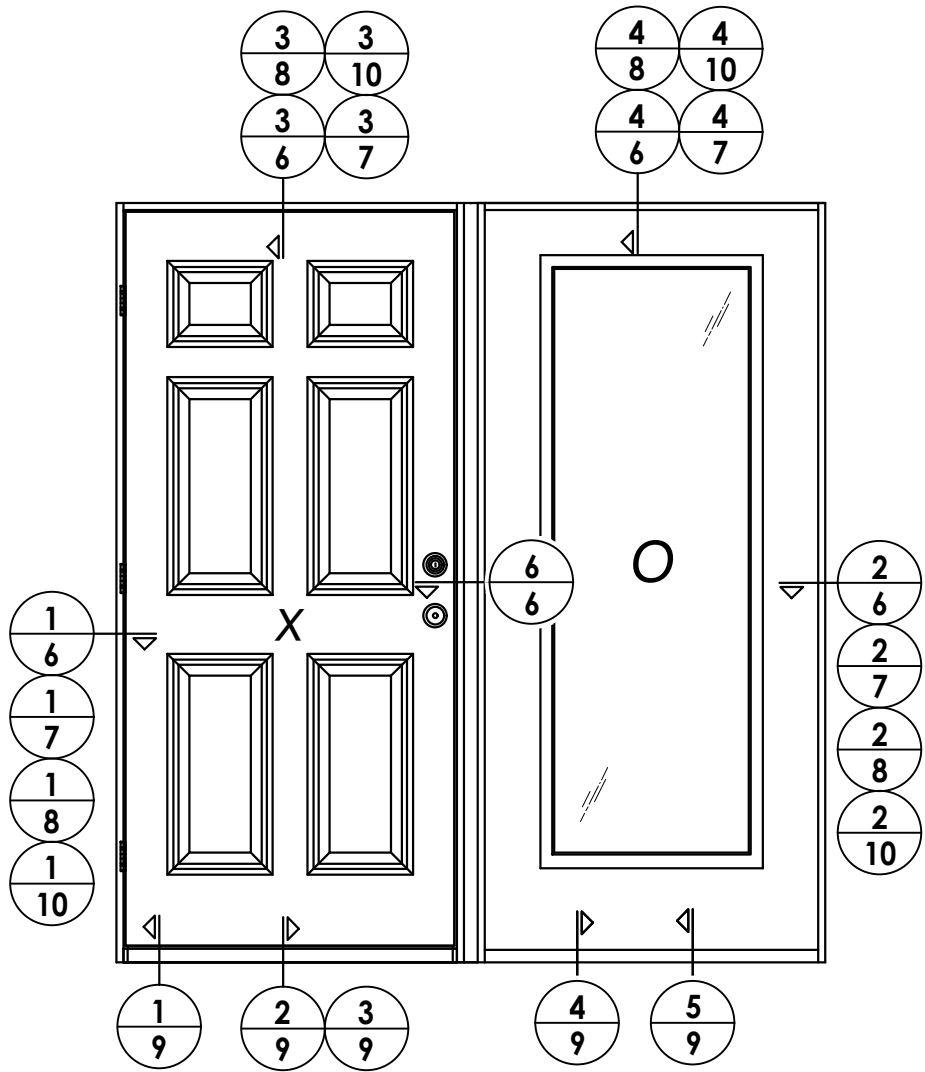
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NO.	DATE			BY	
					REVISIONS

DATE:	3/29/22
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DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.2
SHEET	4 OF 16

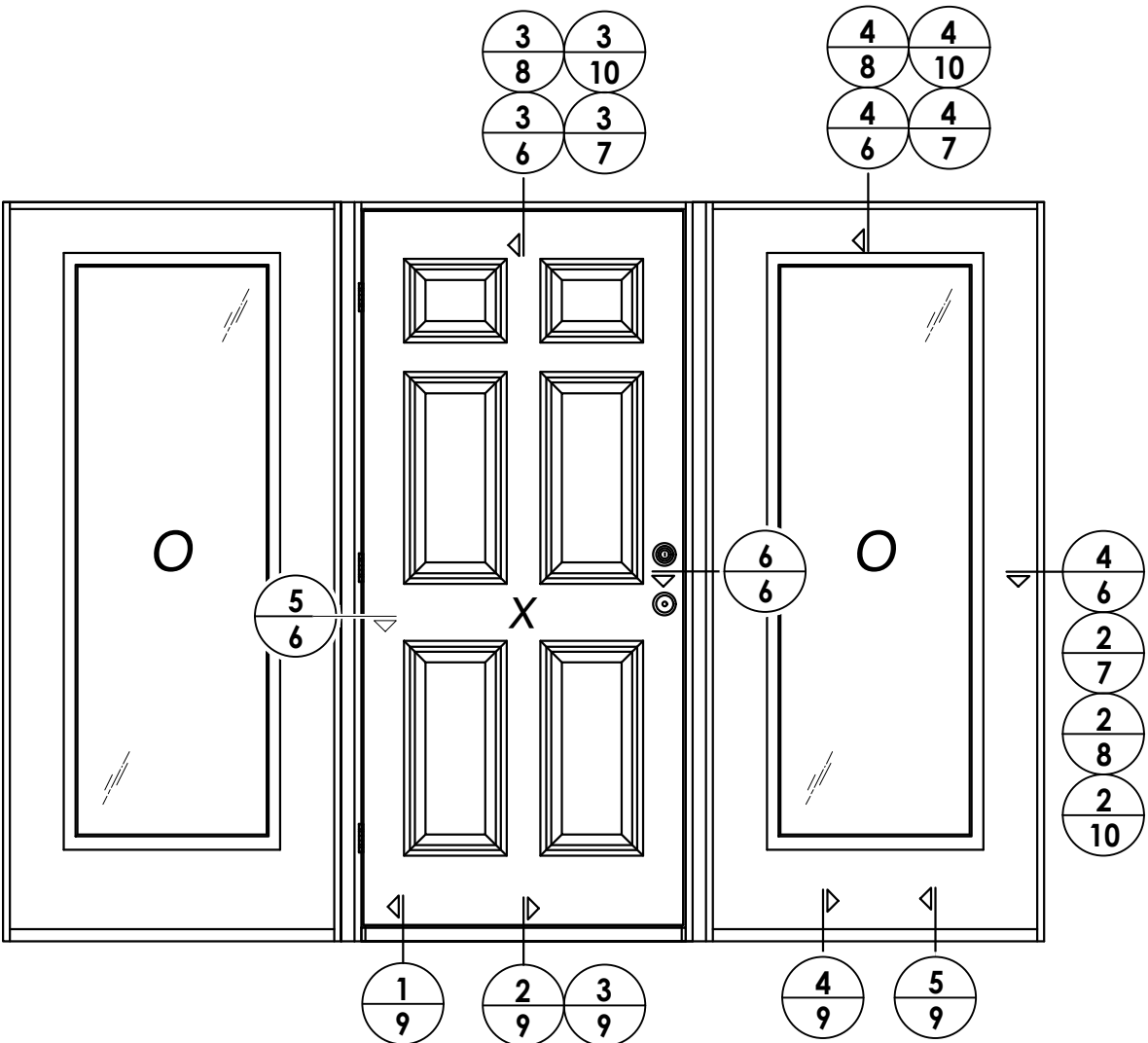
Documents Prepared By:
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ELEVATION (XO - OX)



ELEVATION (OXO)

DATE: 3/29/22		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		
SCALE: N.T.S.		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
DWG. BY: RW		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		
CHK. BY: LFS				
DRAWING NO.: FL-39254.2		PART OR ASSEMBLY: ELEVATIONS		
SHEET 5 OF 16				
NO. DATE		REVISIONS		
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
				BY

1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).



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Phone No.: 813.659.9197
FBPE Registry No. 9813

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

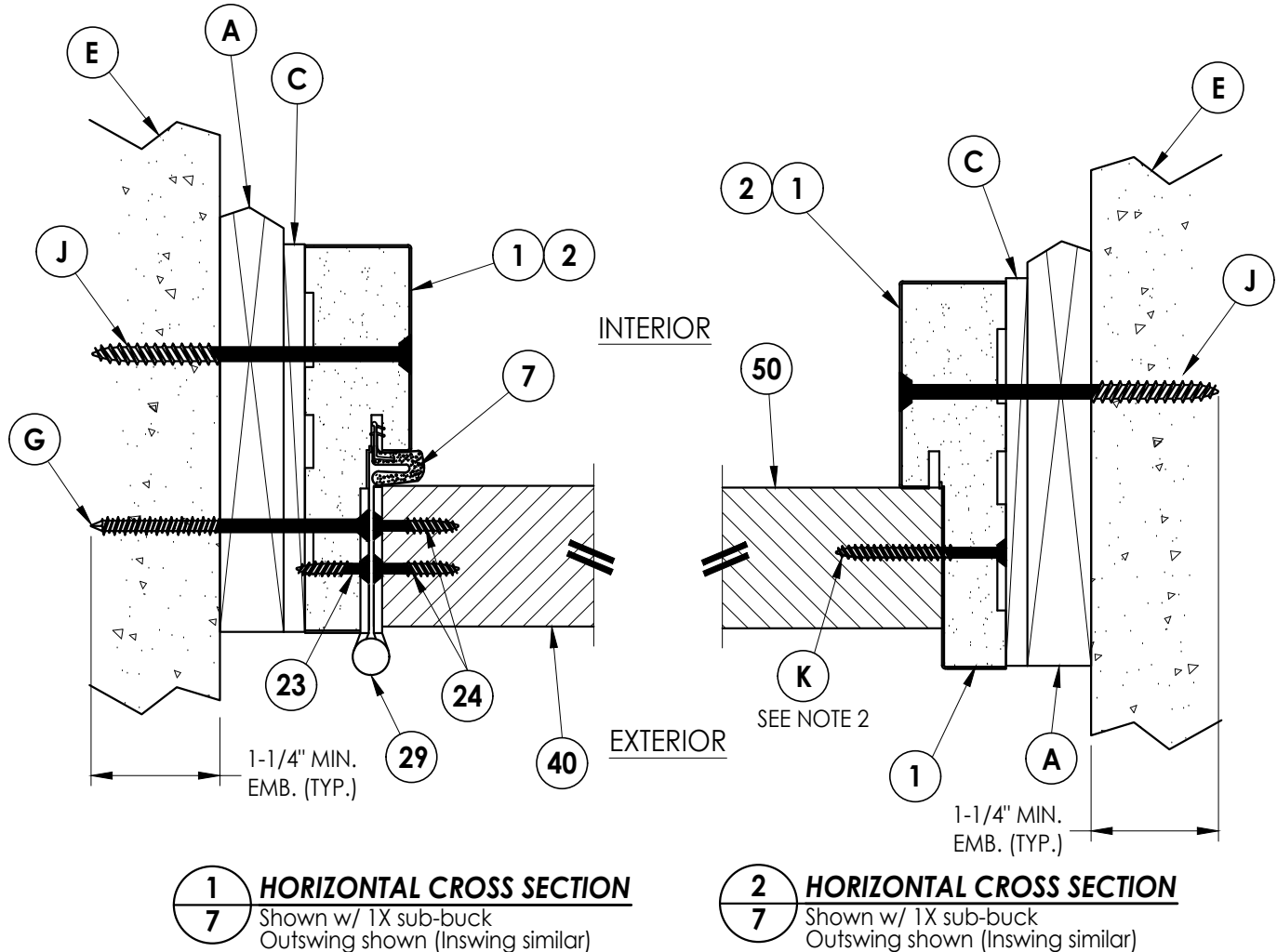
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NO.	DATE				BY
					REVISIONS

FL-39254.2

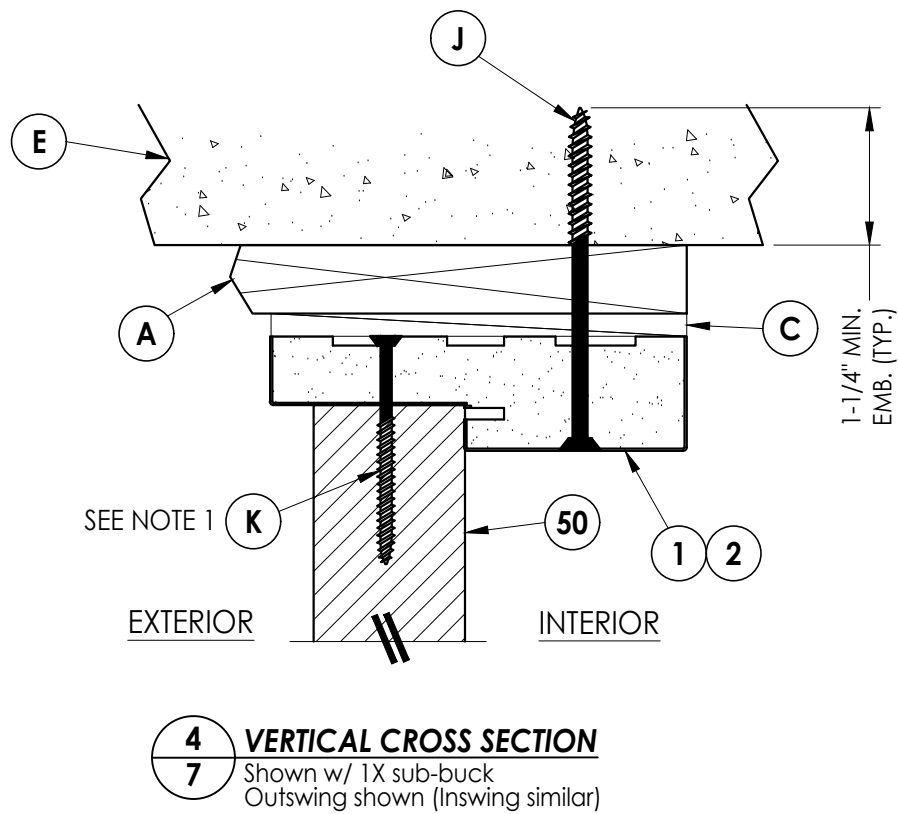
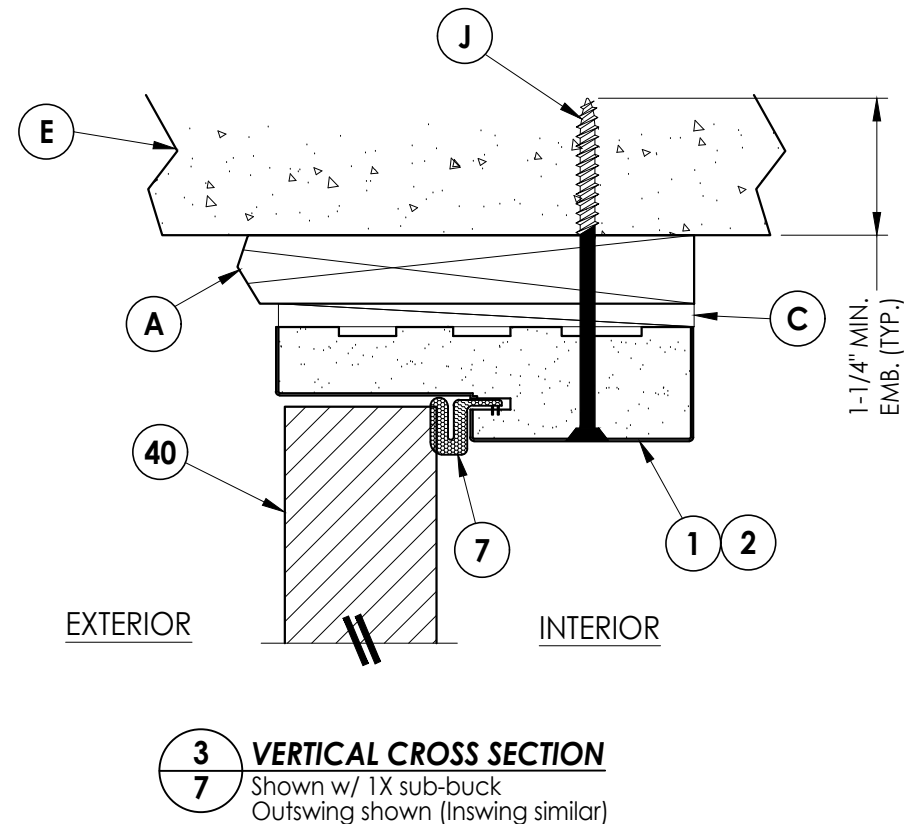
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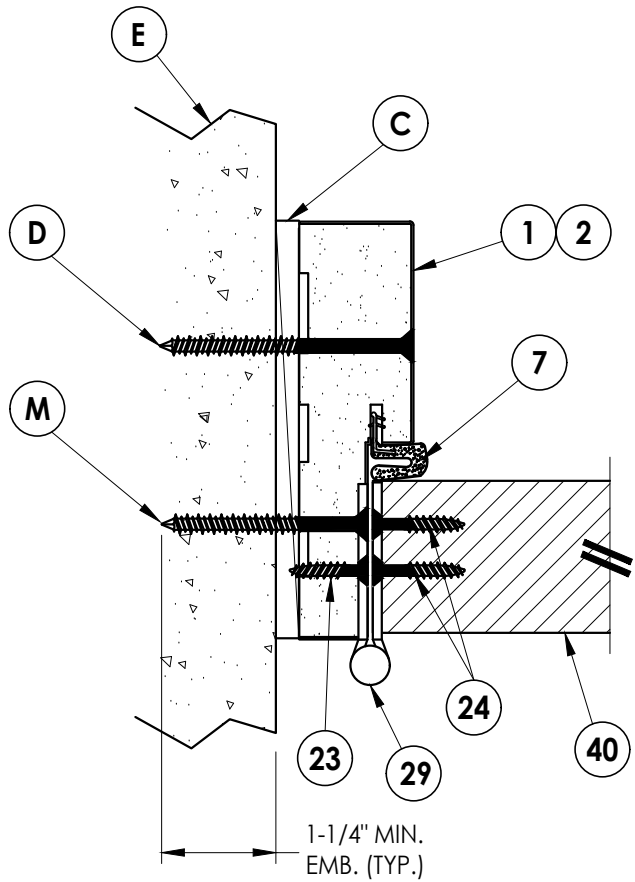


- NOTES:
1. Spacing for item K: 6" from each end and at centerline (3 total).
 2. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
		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-39254.2			
SHEET 7 OF 16			

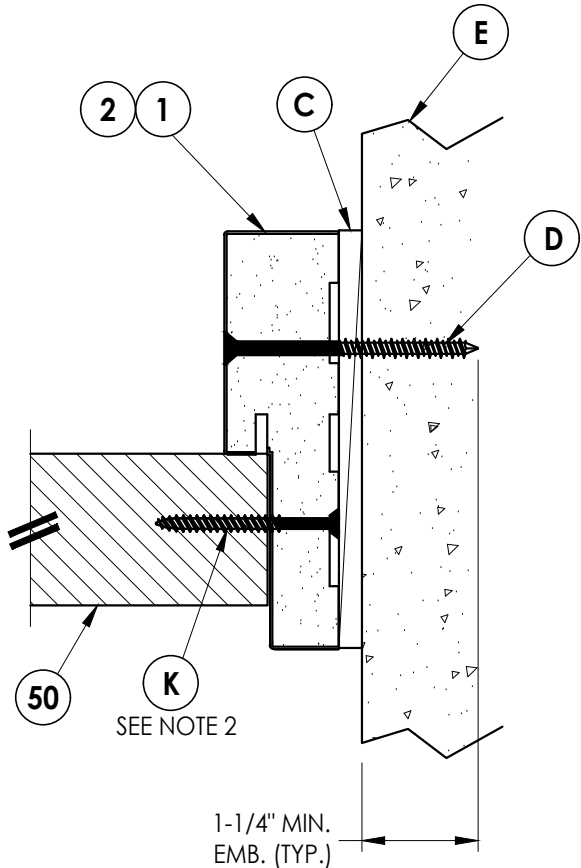
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1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR

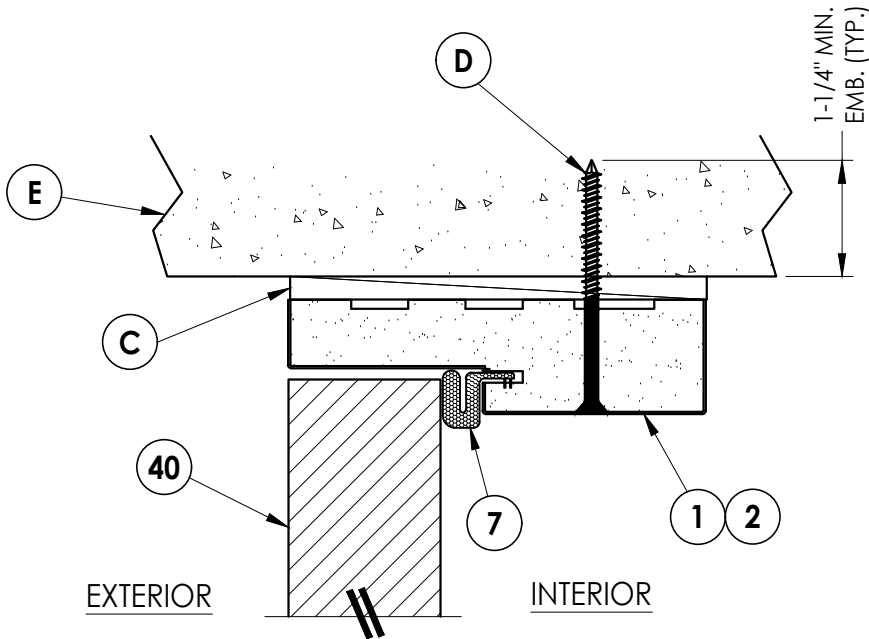
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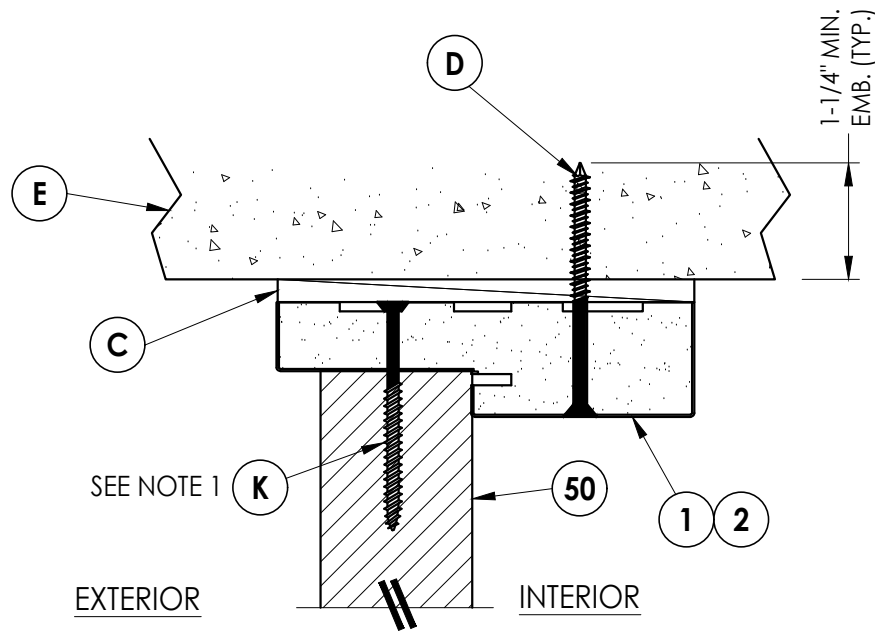
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

SEE NOTE 2

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



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



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

SEE NOTE 1

EXTERIOR

INTERIOR

NOTES:

1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).

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 (DIRECT TO MASONRY)	

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

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

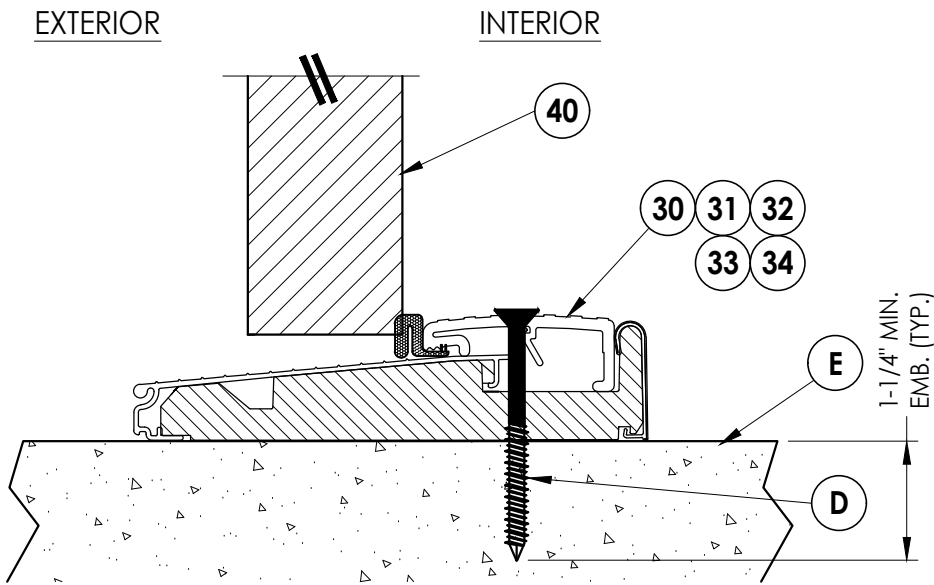
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DRAWING NO.:

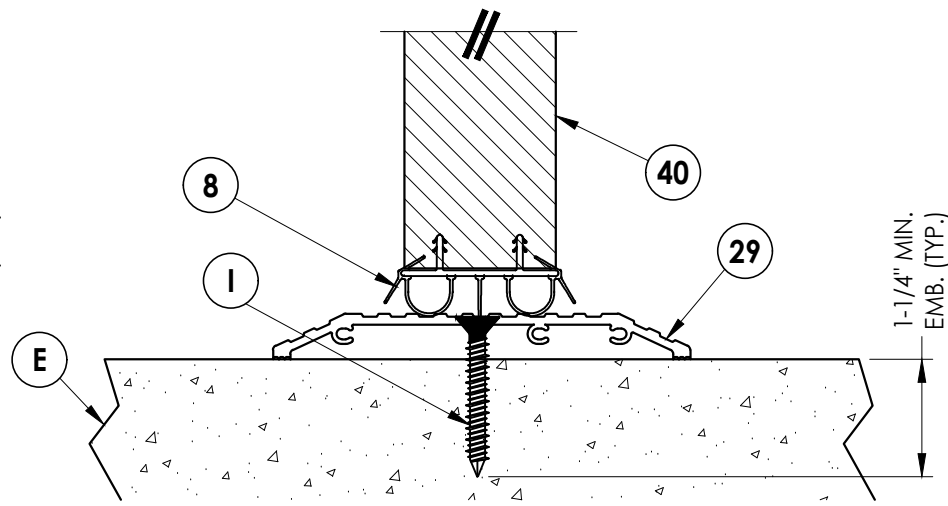
FL-39254.2

SHEET 8 OF 16

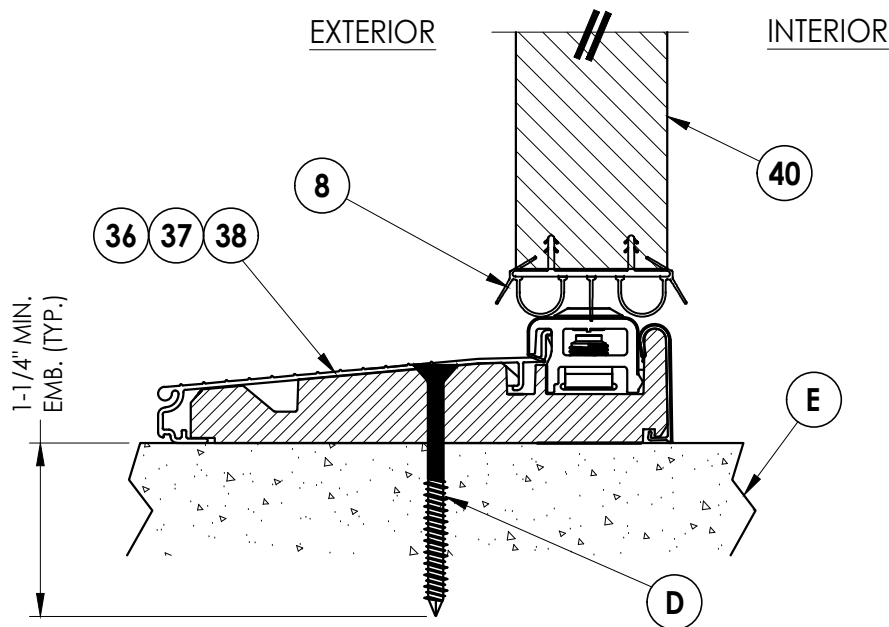
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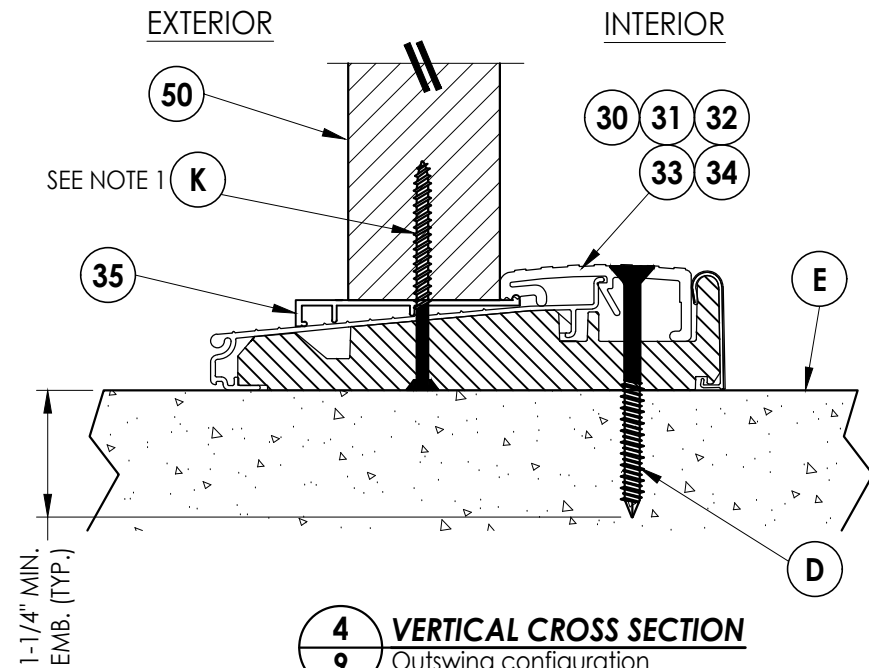
1
9 **VERTICAL CROSS SECTION**
Outswing configuration



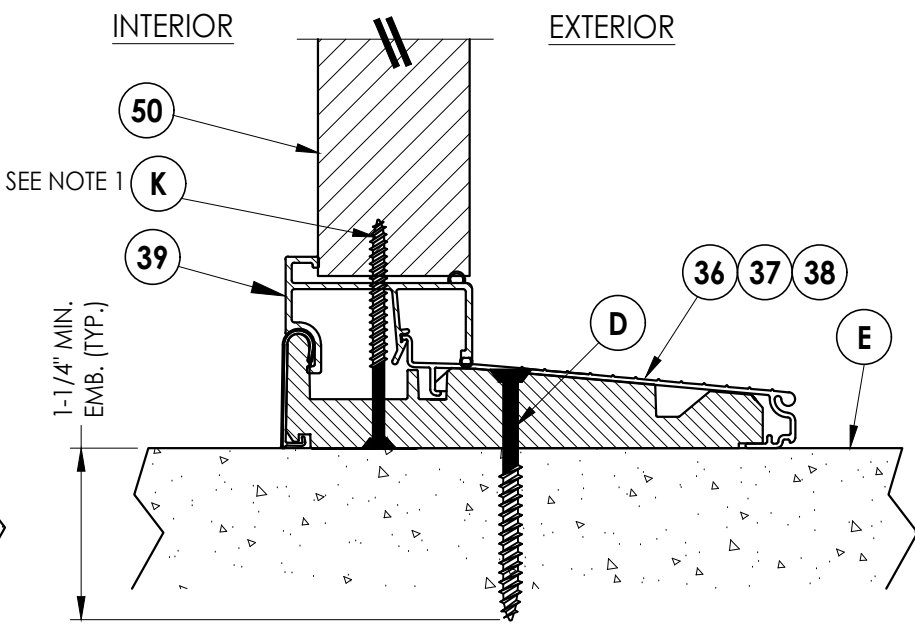
2
9 **VERTICAL CROSS SECTION**
ADA Threshold



3
9 **VERTICAL CROSS SECTION**
Inswing configuration



4
9 **VERTICAL CROSS SECTION**
Outswing configuration



5
9 **VERTICAL CROSS SECTION**
Inswing configuration

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

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 (THRESHOLDS)

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

DATE: 3/29/22

SCALE: N.T.S.

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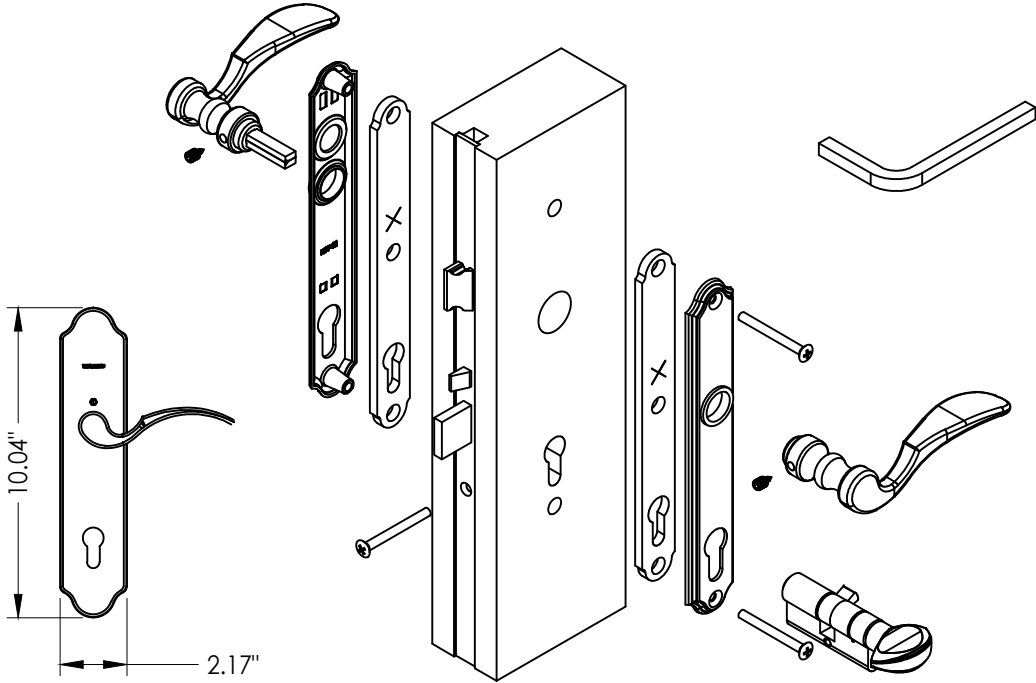
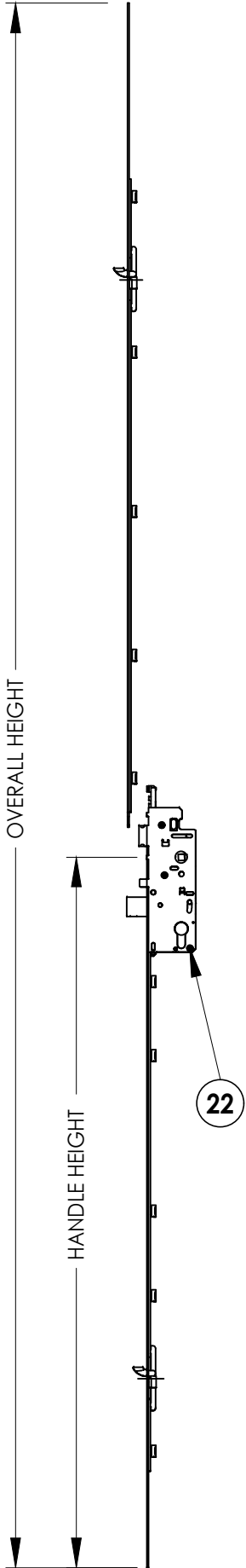
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FL-39254.2

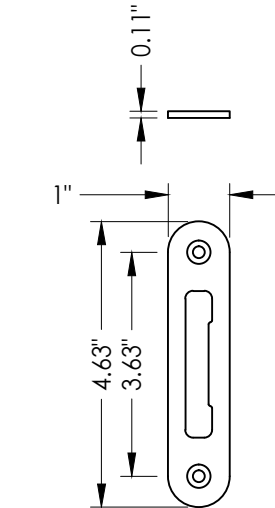
SHEET 9 OF 16

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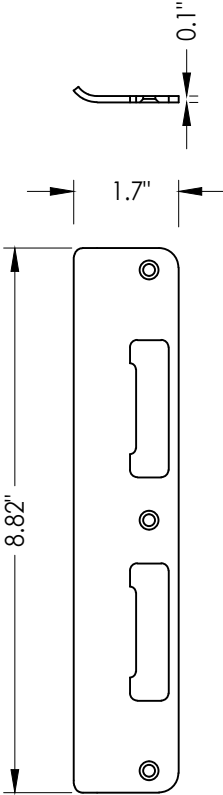
MANUAL RAISED TONGUE GEAR SYSTEM



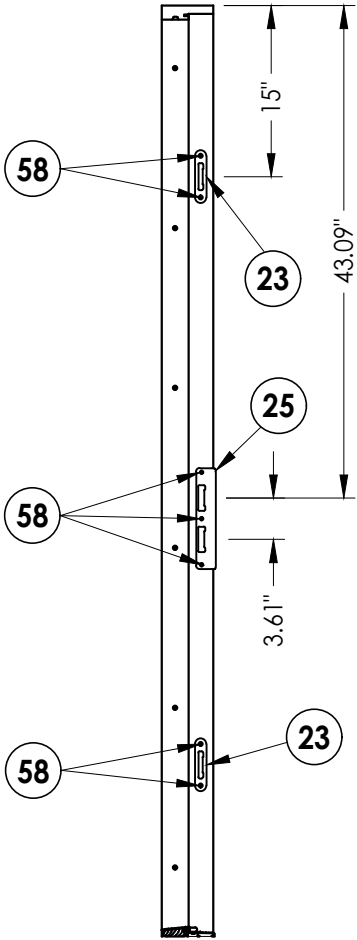
22 **HOPPE MULTIPOINT LOCKSET**
HLS9000 3-Point "Tongue"



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-39254.2

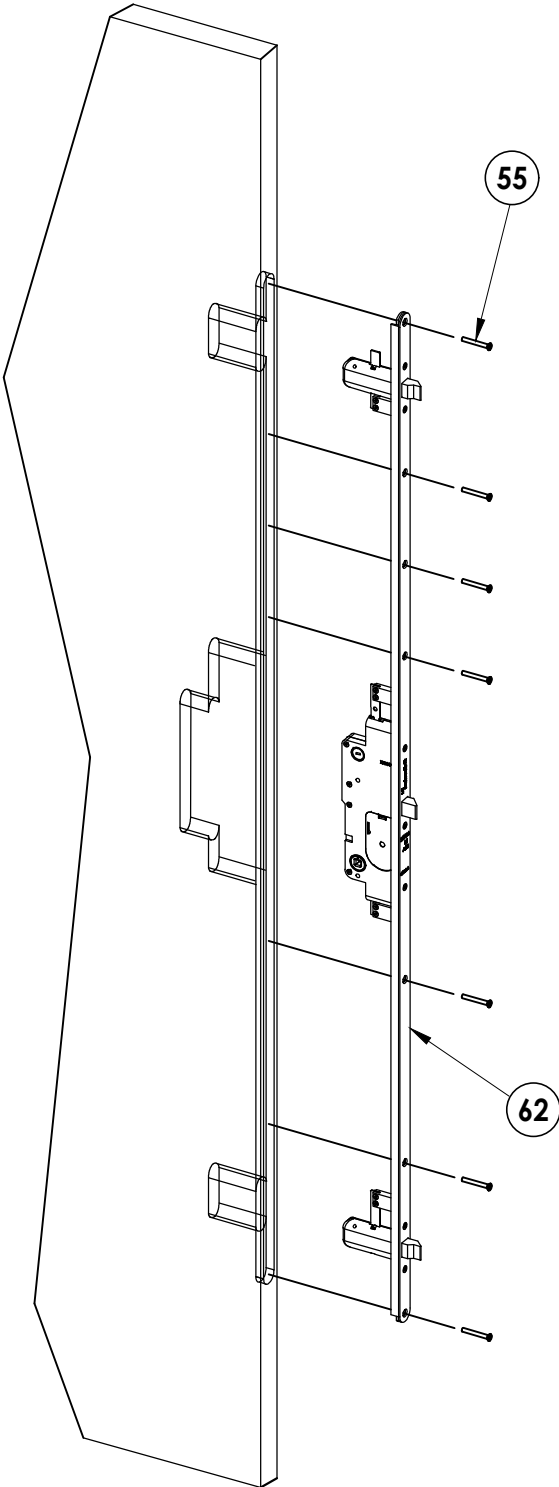
SHEET 11 OF 16

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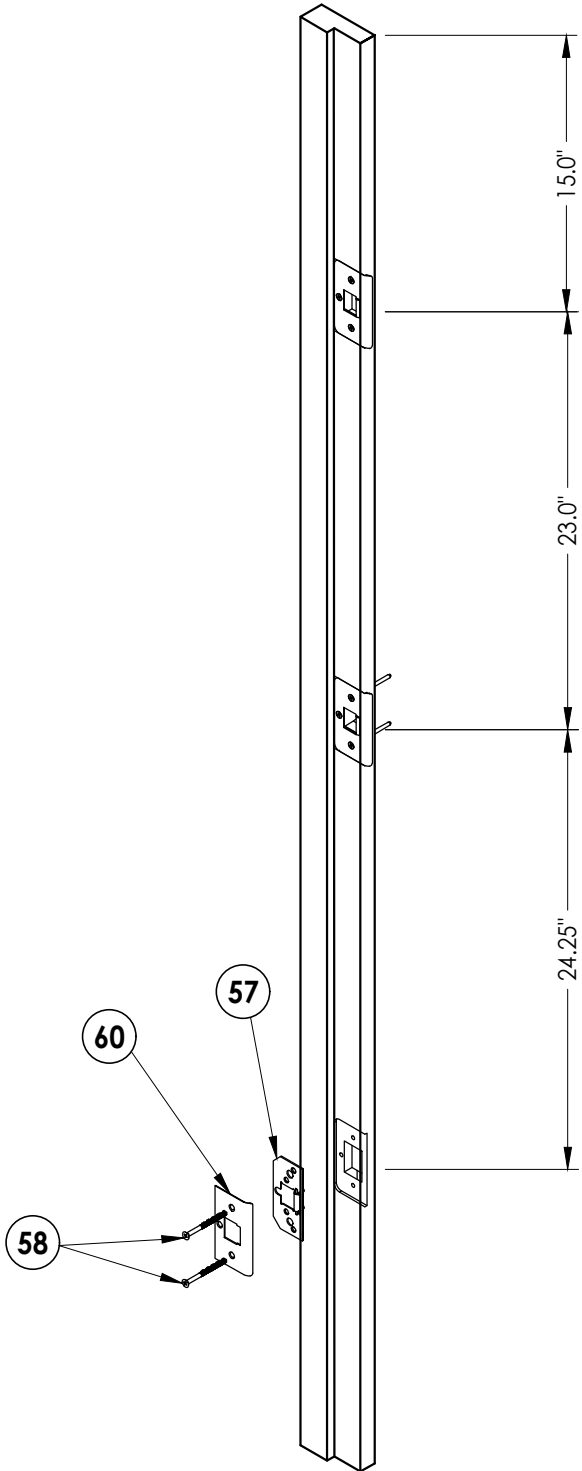
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

E:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-39254 R2\FL-39254.1.2.4.5.dwg



ENDURA TRILENNIUM 3000
3 pt. Lock



STRIKE JAMB DETAIL

DATE:	3/29/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.2
SHEET	12 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				

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

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

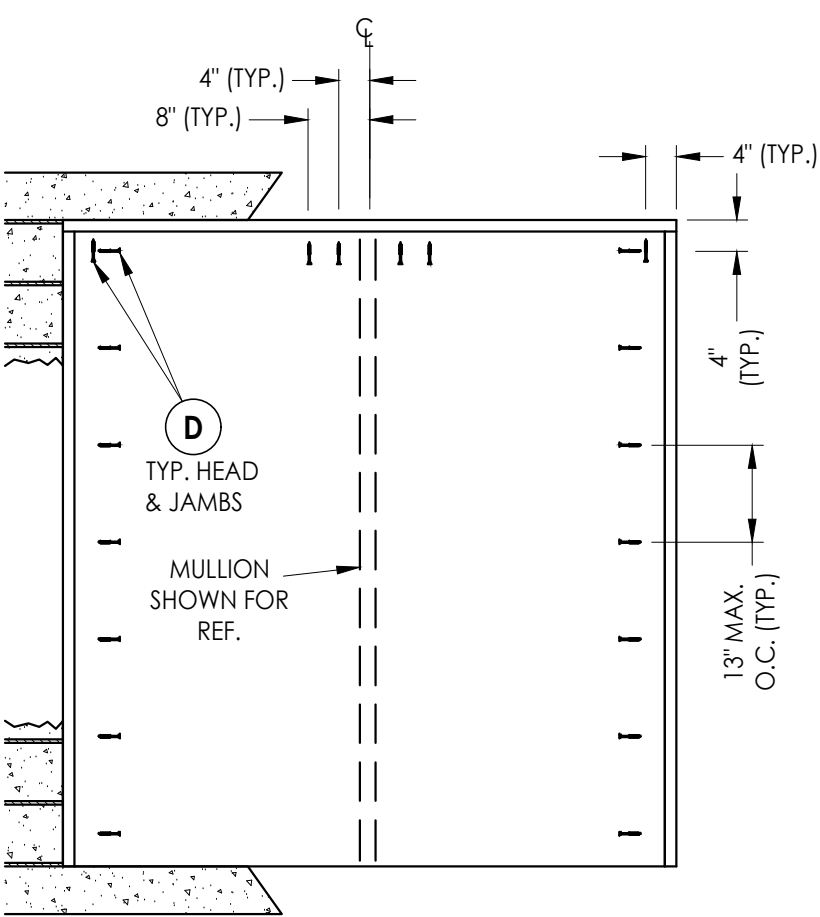
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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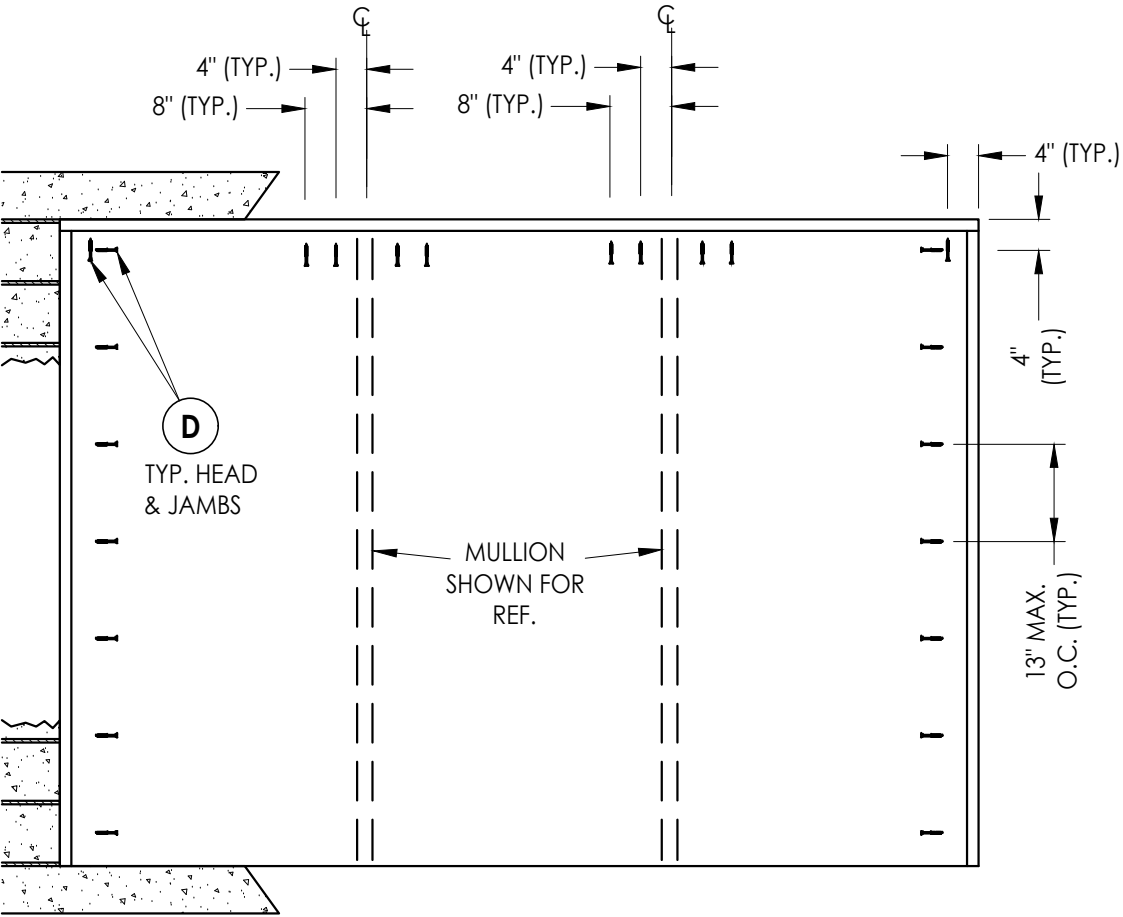
CONCRETE ANCHOR NOTES:

- 1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 2. 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.
- 3. 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"



BUCK ANCHORING
OX



BUCK ANCHORING
OXO

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39254.2

SHEET 13 OF 16

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

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

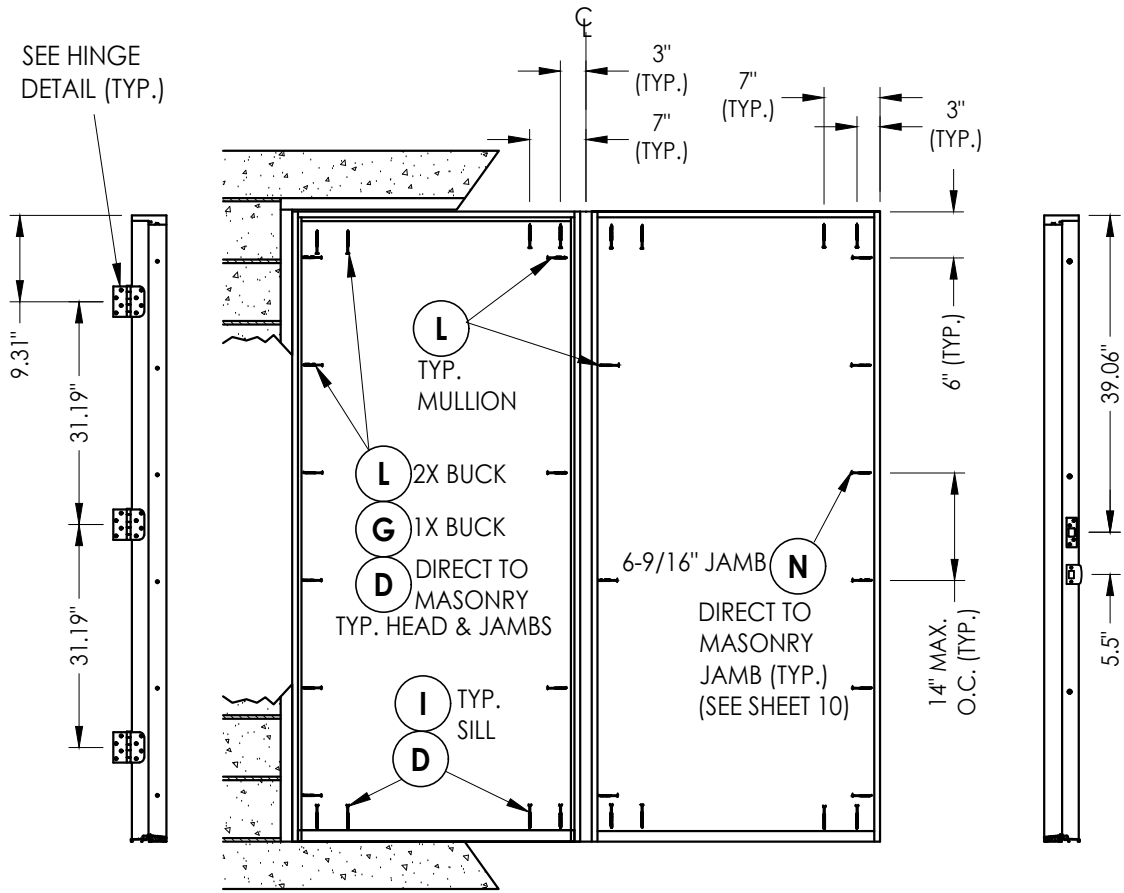
NO. DATE BY

REVISIONS

RW

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

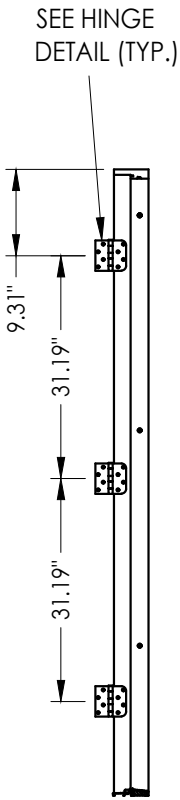
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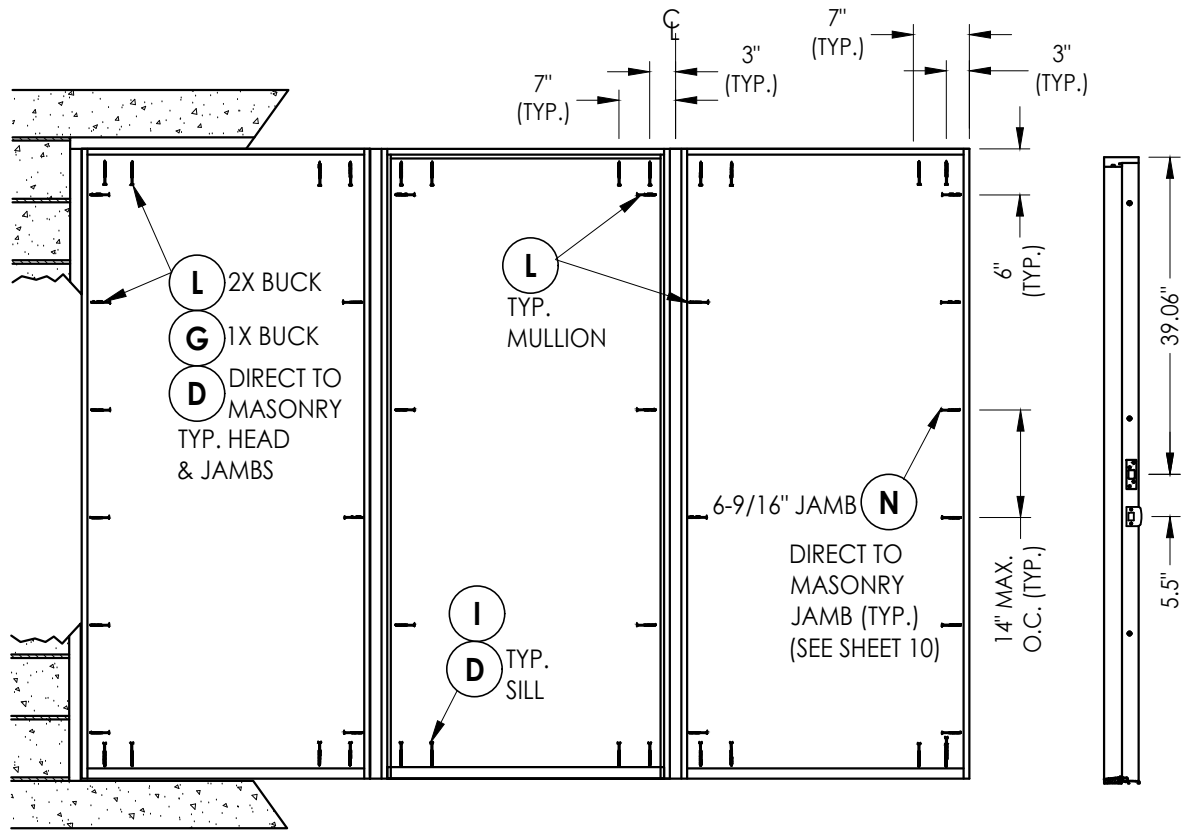
HINGE JAMB

FRAME ANCHORING
OX

STRIKE MULLION



HINGE MULLION



FRAME ANCHORING
OXO

STRIKE MULLION

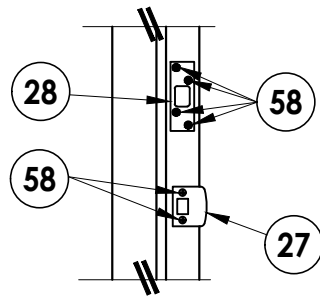
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- Concrete anchor table:

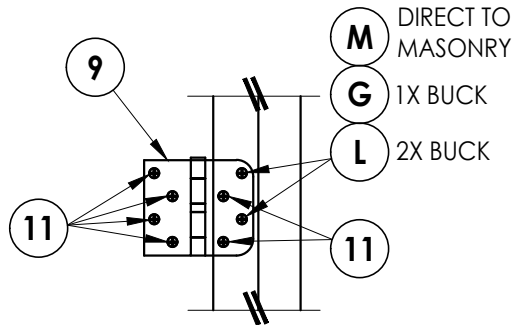
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

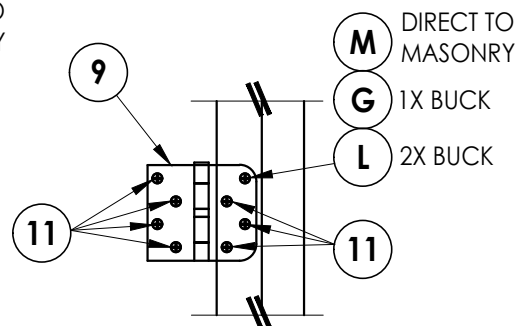
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Details



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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:
FRAME ANCHORING

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

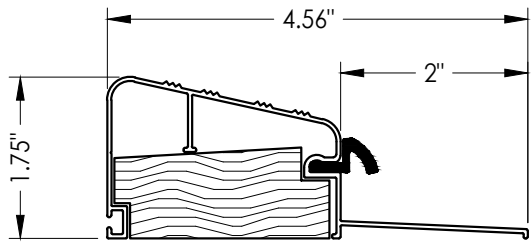
CHK. BY: LFS

DRAWING NO.:

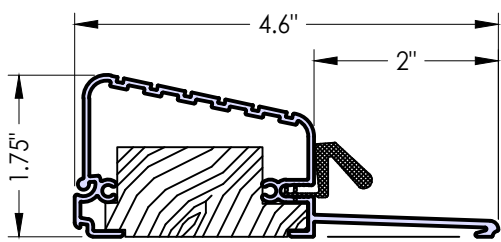
FL-39254.2

SHEET 14 OF 16

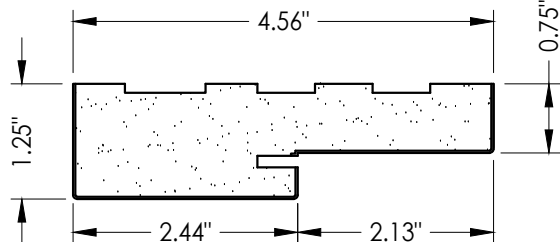
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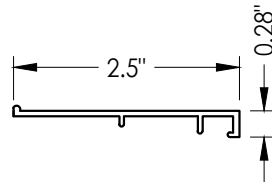
30 **OUTSWING THRESHOLD**
DLP (QOSR)



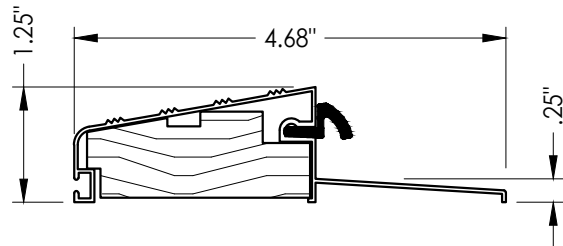
34 **OUTSWING THRESHOLD**
Columbia High Dam (581)



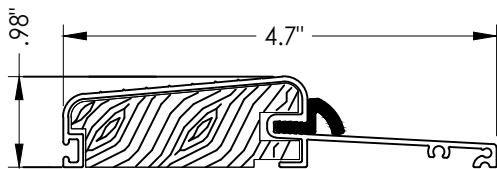
1 **POLY FIBER JAMB**
Plastpro



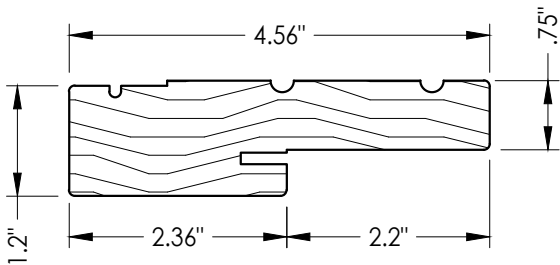
35 **OUTSWING SIDELITE ADAPTER**



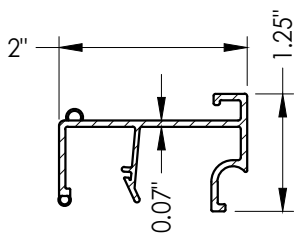
32 **OUTSWING THRESHOLD**
DLP (QOSH)



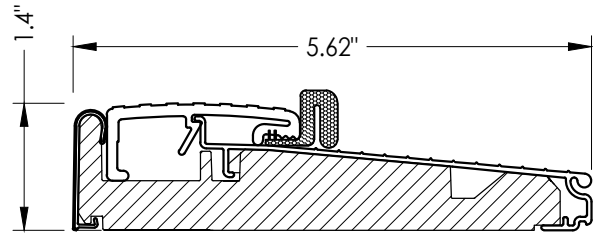
31 **OUTSWING THRESHOLD**
Columbia (575)



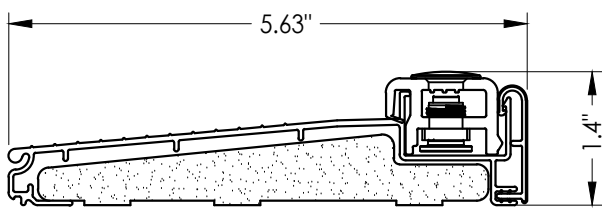
2 **WOOD JAMB**



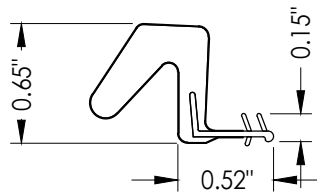
39 **INSWING SIDELITE ADAPTER**



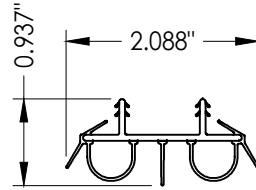
33 **OUTSWING THRESHOLD**
Endura (Z-Series)



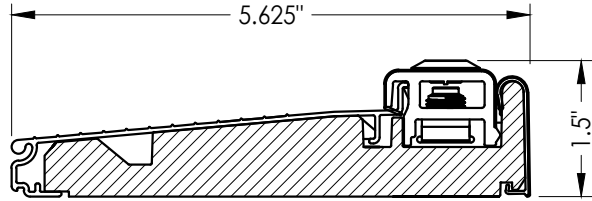
38 **INSWING THRESHOLD**
Columbia



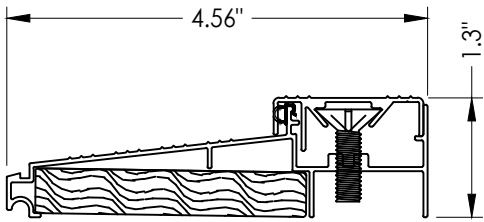
7 **WEATHERSTRIP**
Endura Force 5



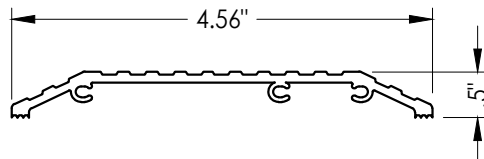
8 **DOOR BOTTOM SWEEP**



36 **INSWING THRESHOLD**
Endura (Z-Series)



37 **INSWING THRESHOLD**
DLP (ISCS)



29 **ADA THRESHOLD**
DLP

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: COMPONENTS	
		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-39254.2			
SHEET 15 OF 16			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	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
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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	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. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
22	3 POINT "TONGUE" MULTIPOINT LOCKSET (Mfg. BY HOPPE)	STEEL
23	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	STEEL
25	LATCH AND DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	ADA THRESHOLD	ALUM
30	OUTSWING THRESHOLD	ALUM/WOOD
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
35	OUTSWING SIDELITE ADAPTER	VINYL
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-
55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
60	MULTIPOINT STRIKE PLATE	STEEL
62	ENDURA TRILENNIUM 3000 LOCK ASSEMBLY	STEEL
88	2X REINFORCEMENT SG >= 0.55	WOOD

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

[illegible]