



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

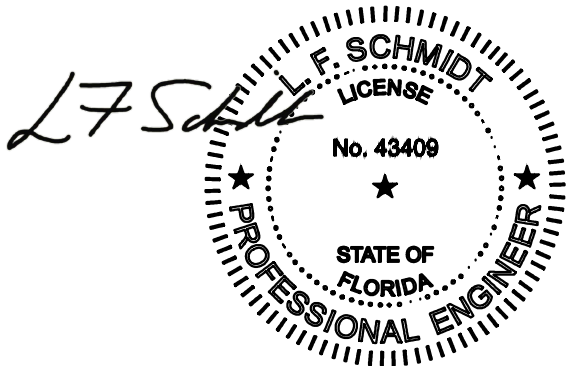
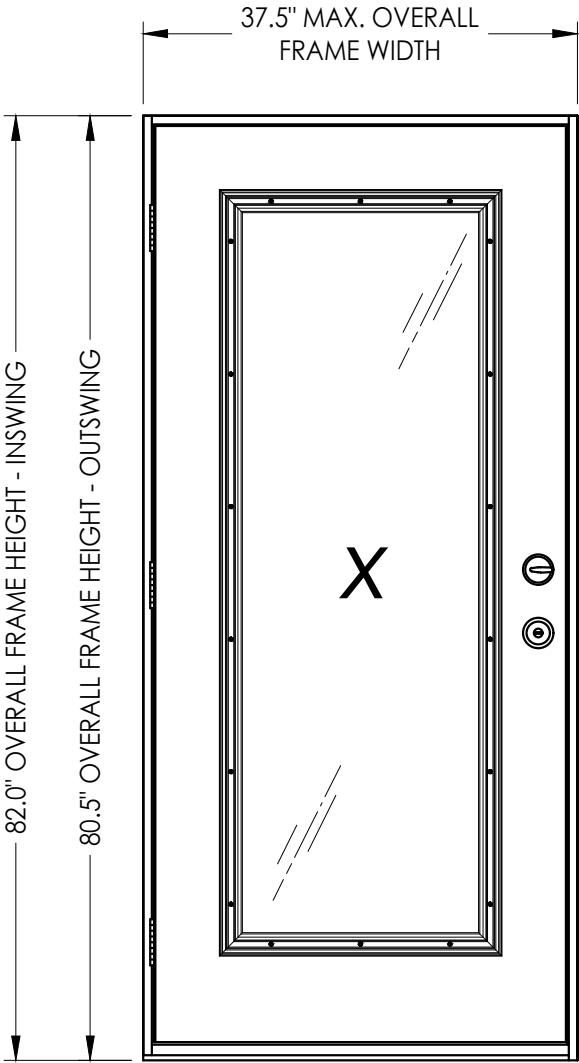
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

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
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck and frame anchoring
9	Glazing details
10	Bill of materials & components

SWING	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	37.5" x 82.0"	21.0" x 63.0"	G4	+35.0	-35.0
			G1, G3, G5	+45.0	-45.0
			G2	+50.0	-50.0
OUTSWING	37.5" x 80.5"	21.0" x 63.0"	G4	+35.0	-35.0
			G1, G3, G5	+45.0	-45.0
			G2	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 08:07:17 -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

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

7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE		BY

REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

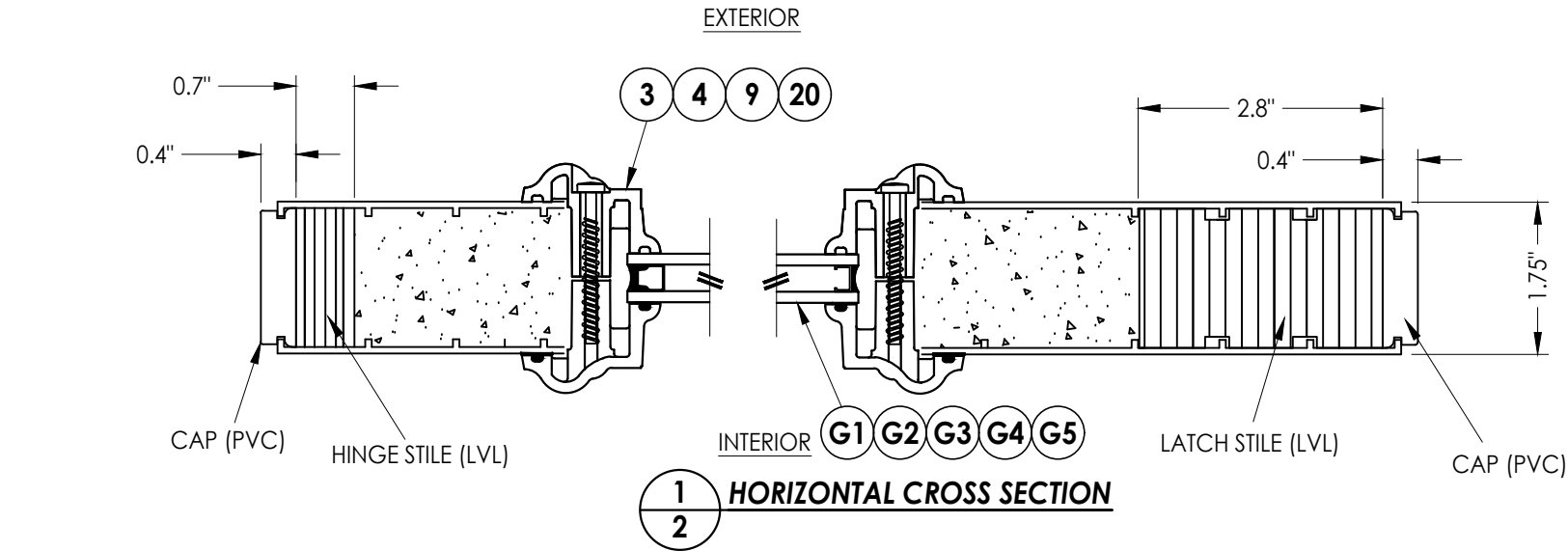
DRAWING NO.: FL-15221.6

SHEET 1 OF 10

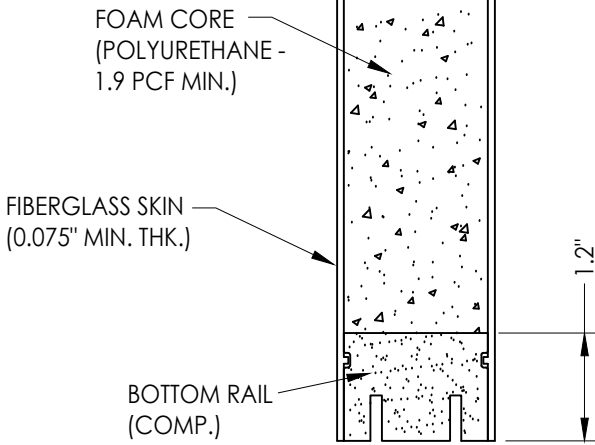
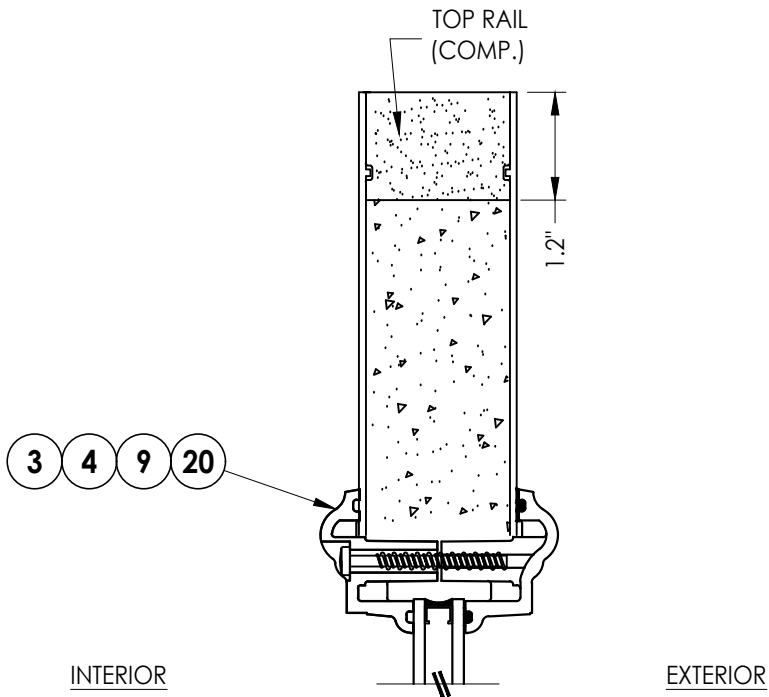
© 2012 R.W. BUILDING CONSULTANTS INC.

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-15221 R5\FL-15221.6.dwg



HARDWARE TABLE			
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
KWIKSET	Knob: Signature Series Deadbolt: Signature Series (780)	+50.0	-50.0
SCHLAGE	Knob: "F" Series (F10) Lever: "F" Series (F10) Deadbolt: "B" Series (B60/62)	+45.0	-45.0
SCHLAGE	Handle Set w/Deadbolt: "F" Series (F60)	+45.0	-45.0



40 DOOR PANEL
Plastpro
Fiberglass

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

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15221.6

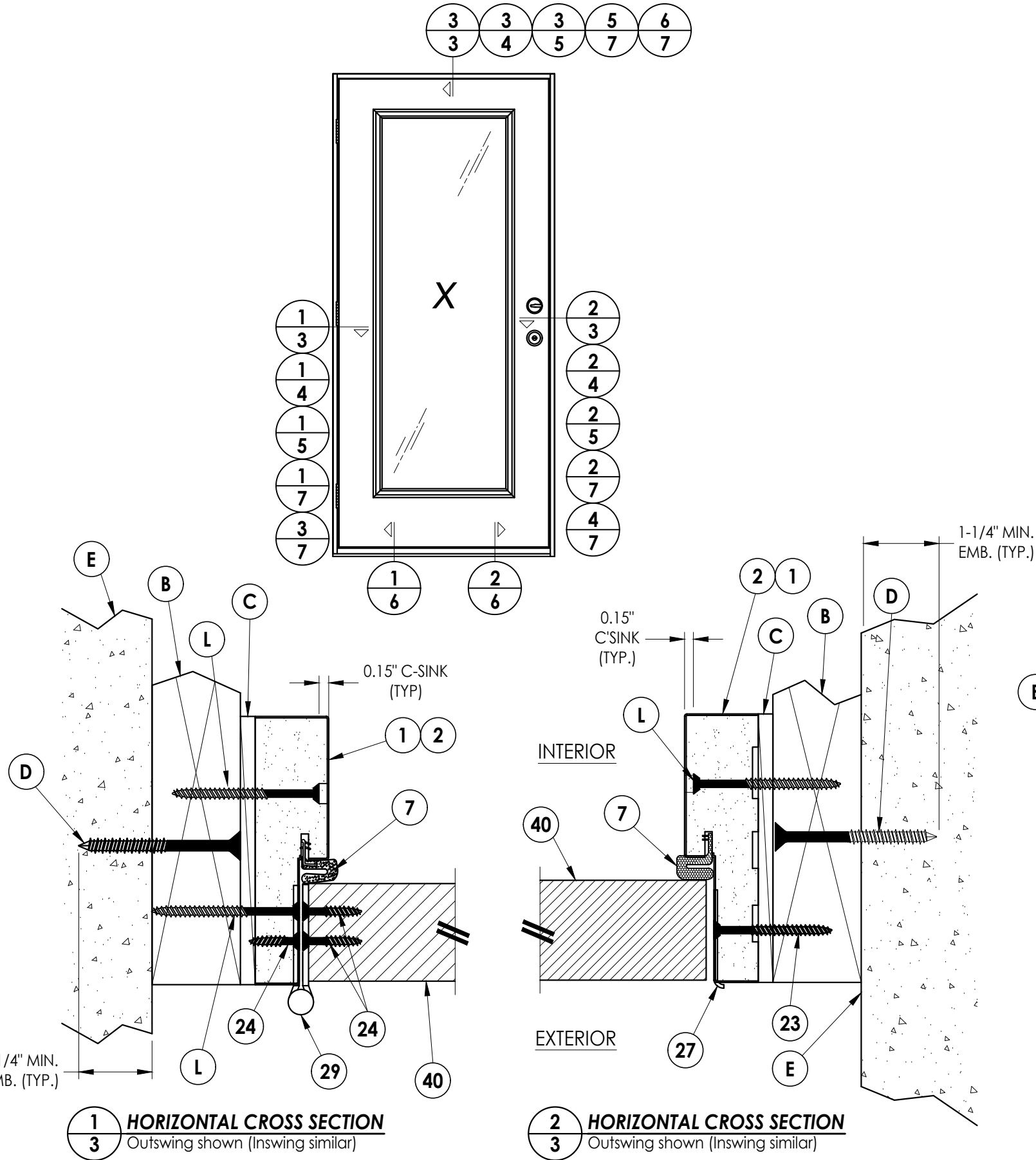
SHEET 2 OF 10

REVISIONS

NO.	DATE	BY	JK
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC

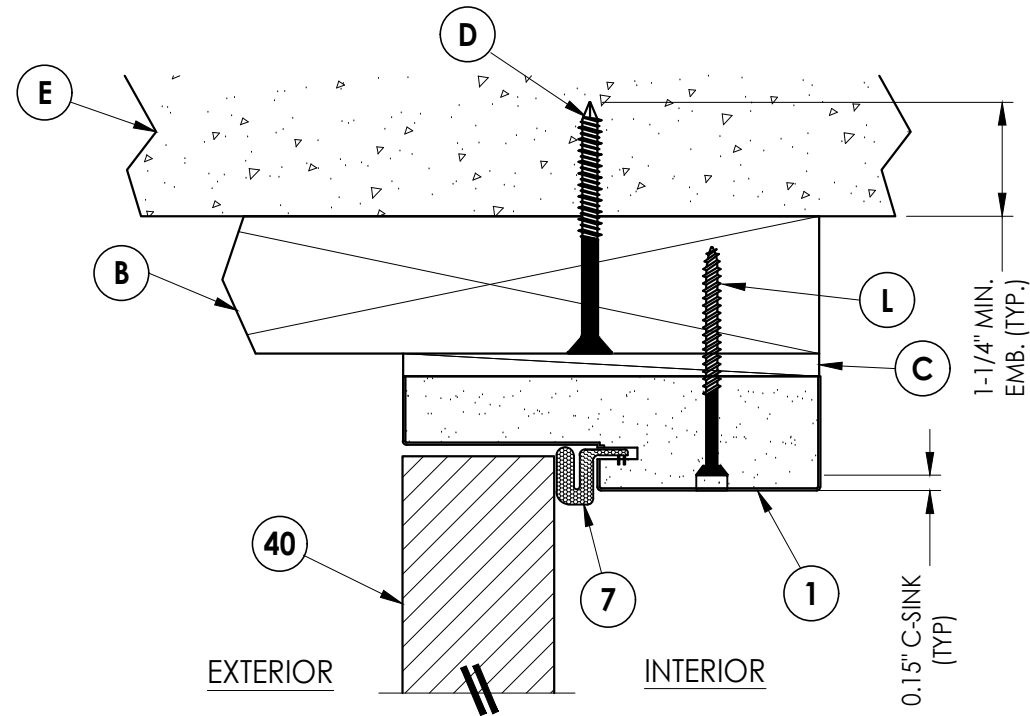
RW BUILDING CONSULTANTS, INC.

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



1 **HORIZONTAL CROSS SECTION** 3 Outswing shown (Inswing similar)

2 **HORIZONTAL CROSS SECTION**
 3 Outswing shown (Inswing similar)



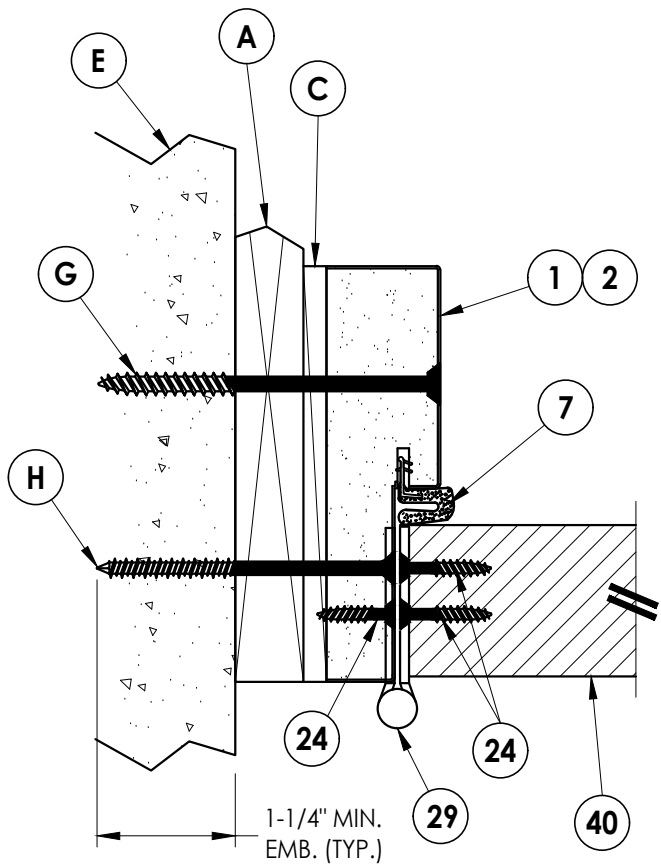
3 VERTICAL CROSS SECTION
3 Outswing shown (Inswing similar)

[illegible]

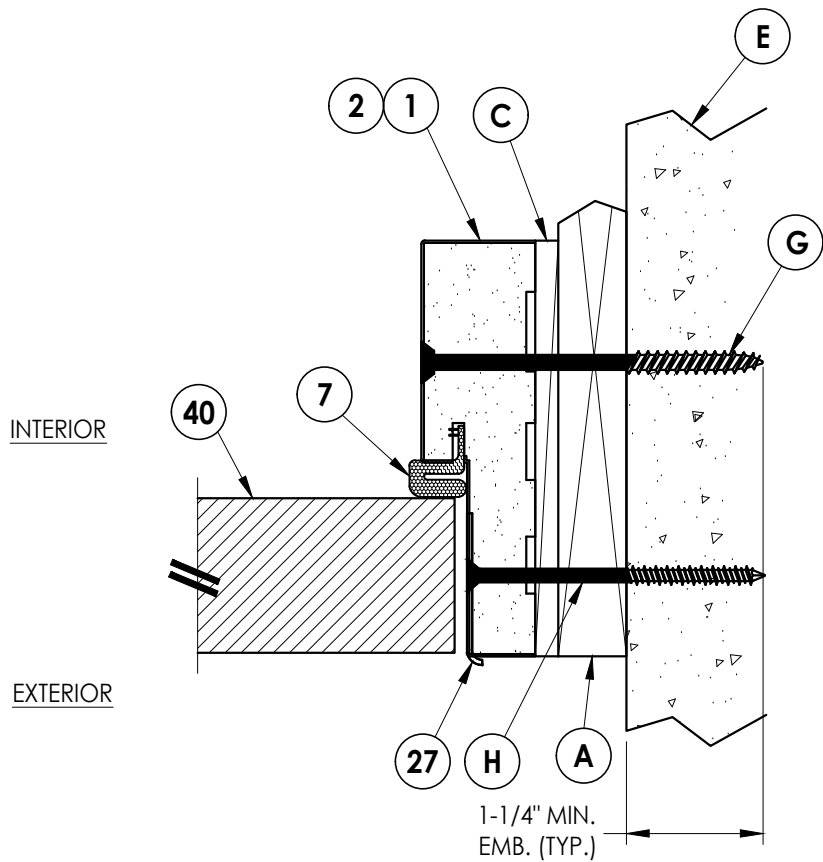
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

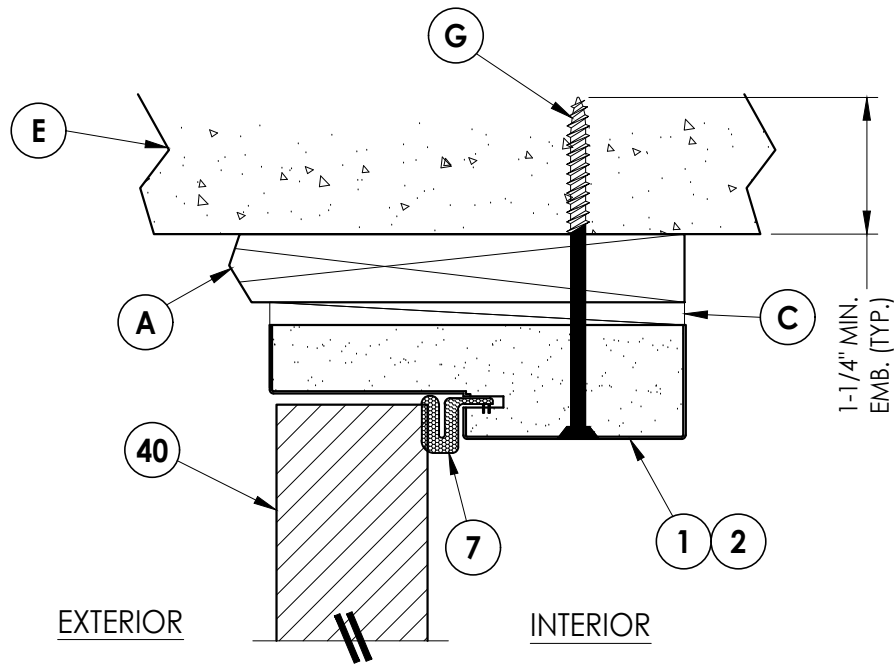
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.6.dwg



1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



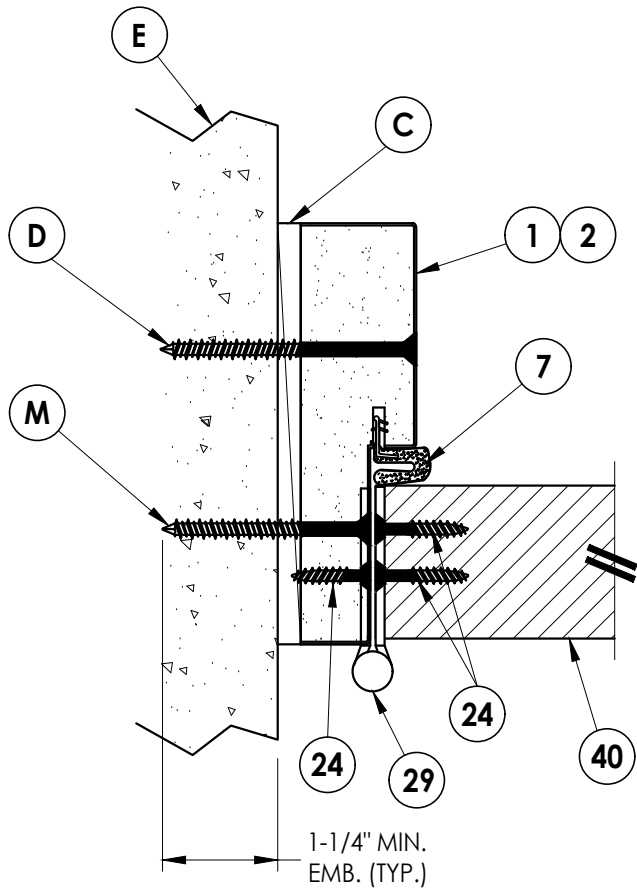
3
4 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

PRODUCT:		PLASTPRO INC.		FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL		CROSS SECTIONS (1X BUCK)	
REVISIONS		NO.	DATE	BY	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
DATE: 02/15/12		SCALE: N.T.S.		DWG. BY: JK	
		CHK. BY: LFS		DRAWING NO.: FL-15221.6	
		SHEET 4 OF 10			

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

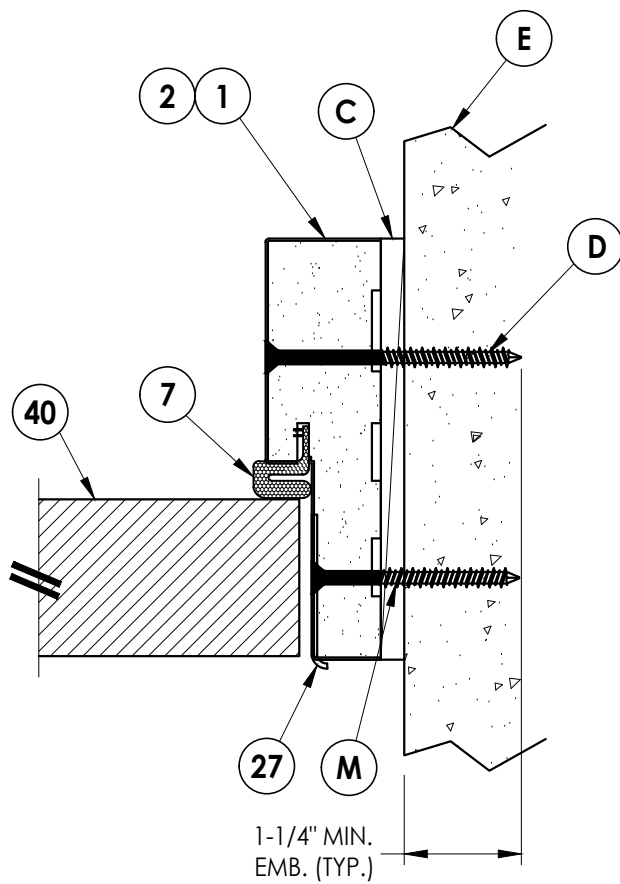
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.6.dwg

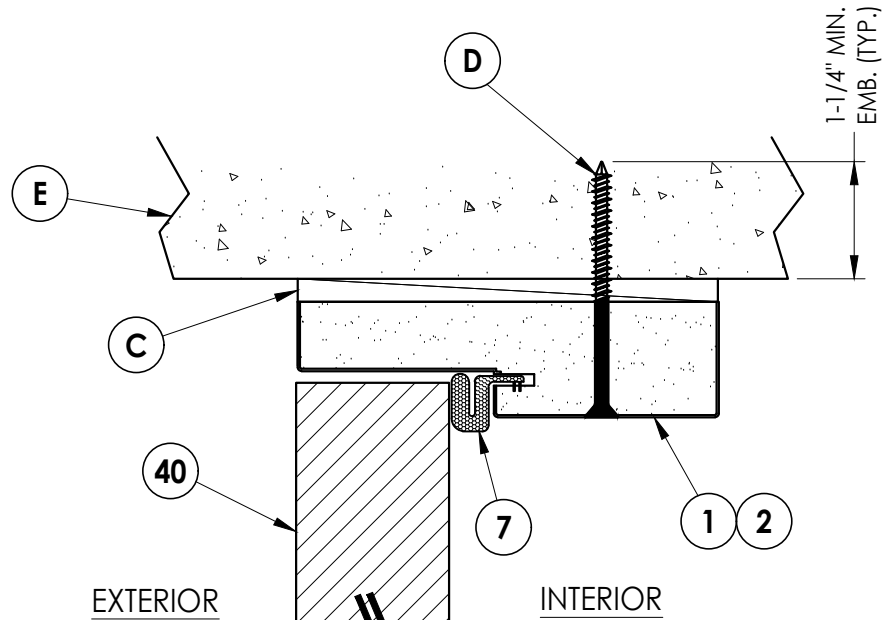


1
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR
EXTERIOR



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



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

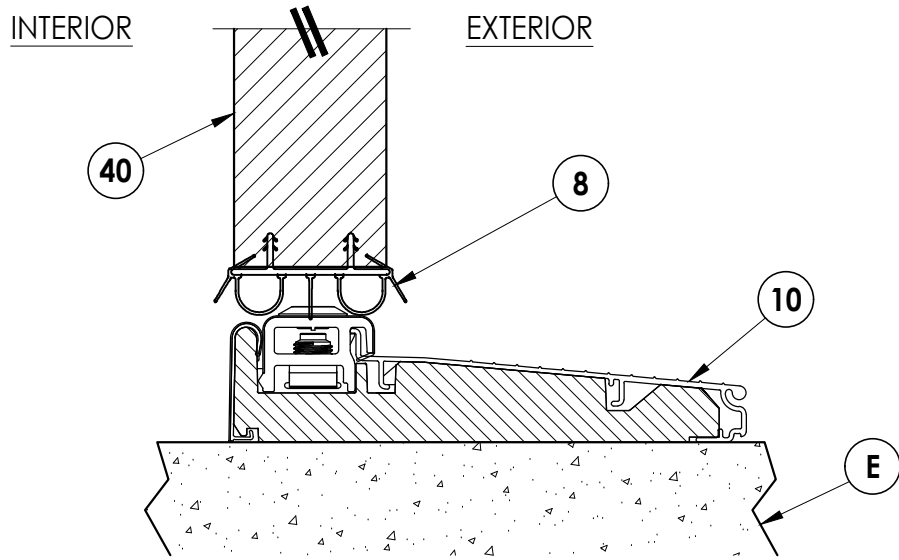
NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE:	02/15/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15221.6
SHEET	5 of 10

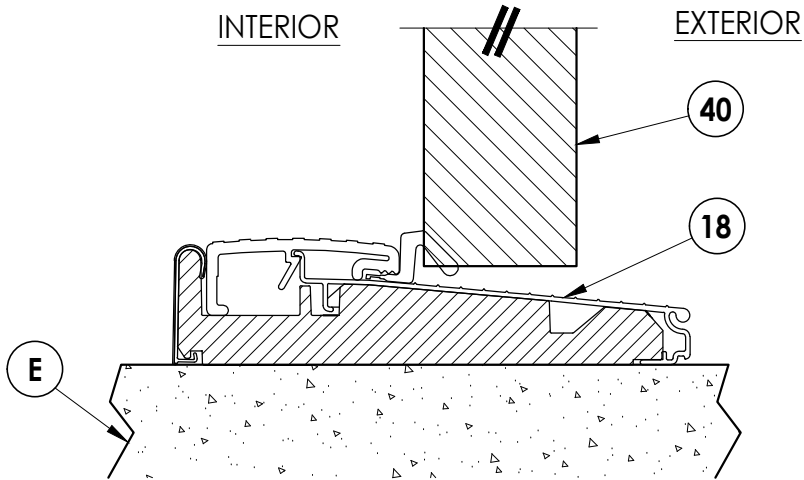
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> 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-15221 R5\FL-15221.6.dwg



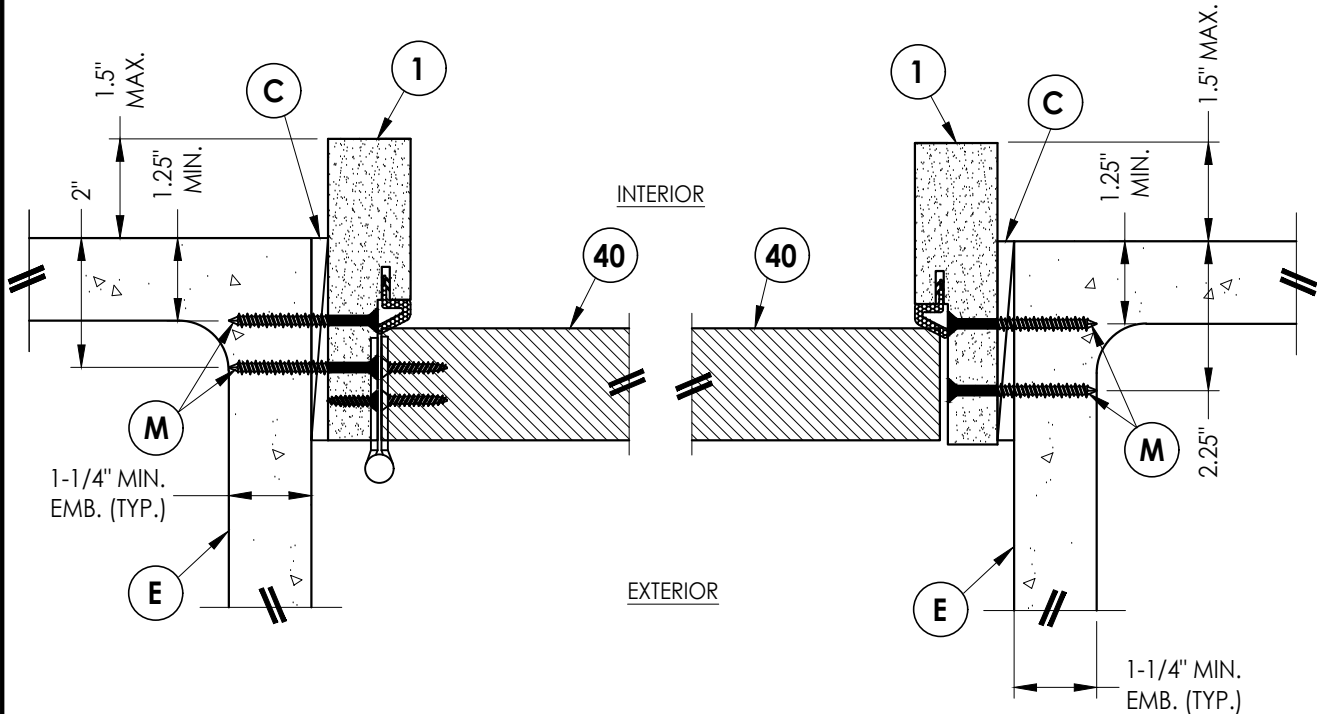
1
6 VERTICAL CROSS SECTION
Outswing configuration



2
6 VERTICAL CROSS SECTION
Inswing configuration

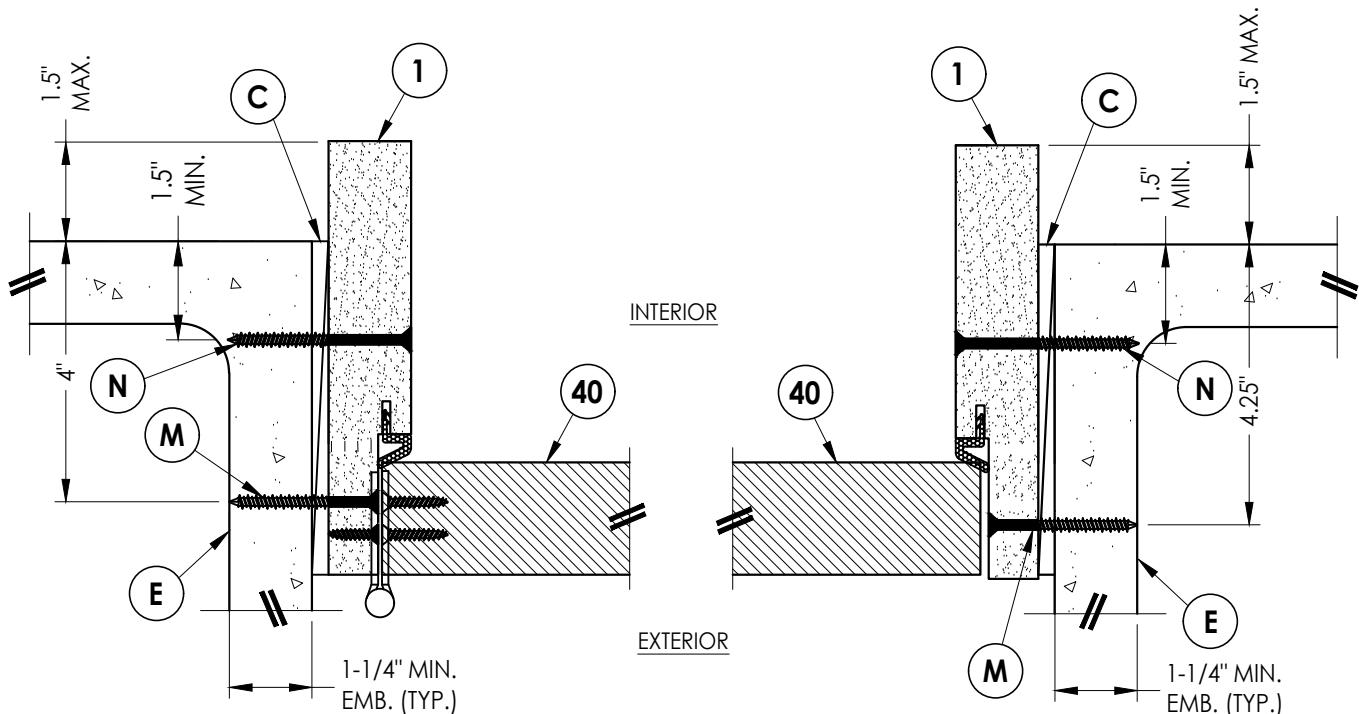
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
REVISIONS					
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO. DATE				BY	
DATE: 02/15/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.:					
FL-15221.6					
SHEET 6 OF 10					

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.6.dwg



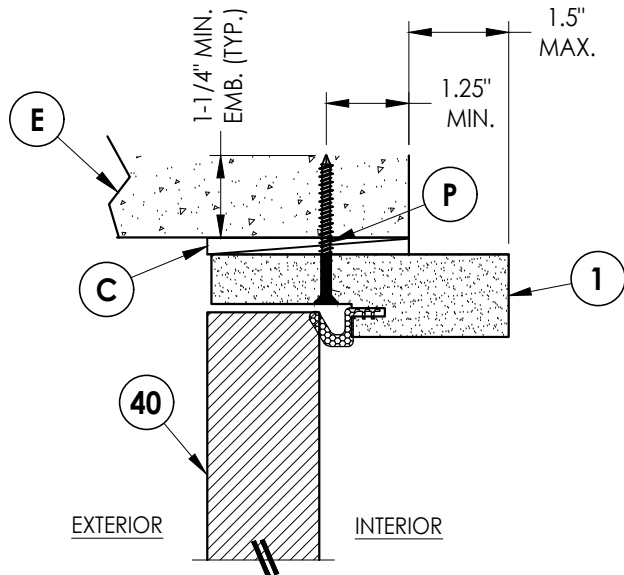
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

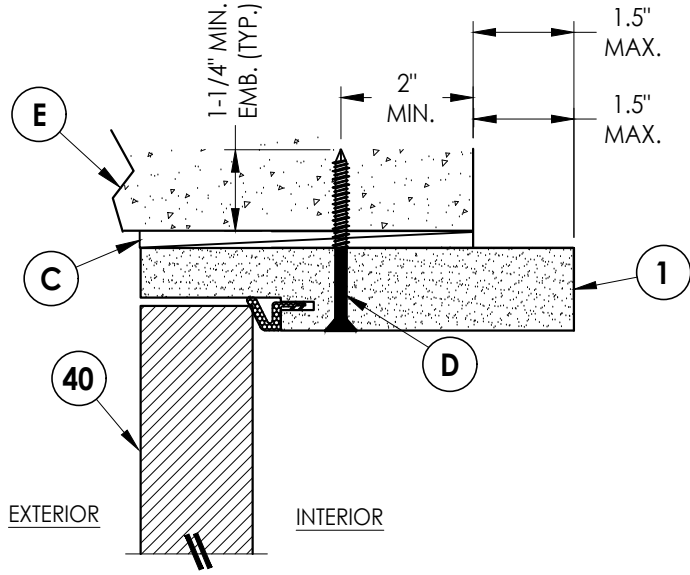


3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

4
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



5
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



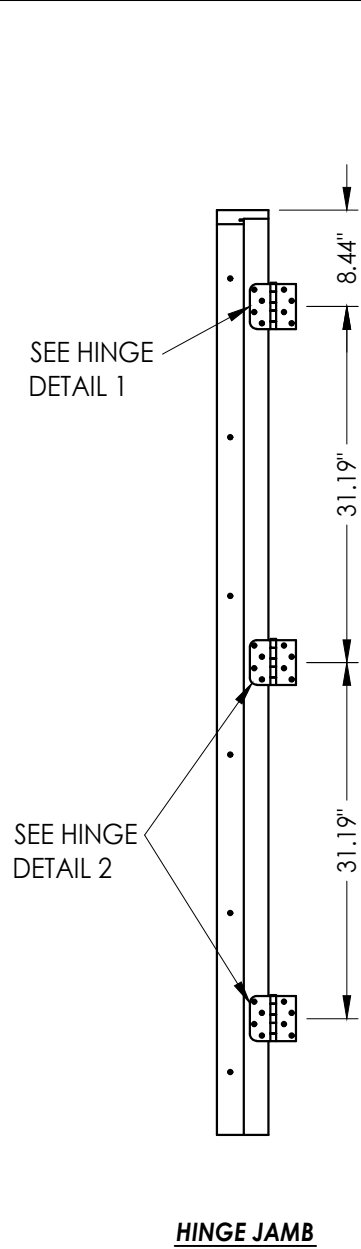
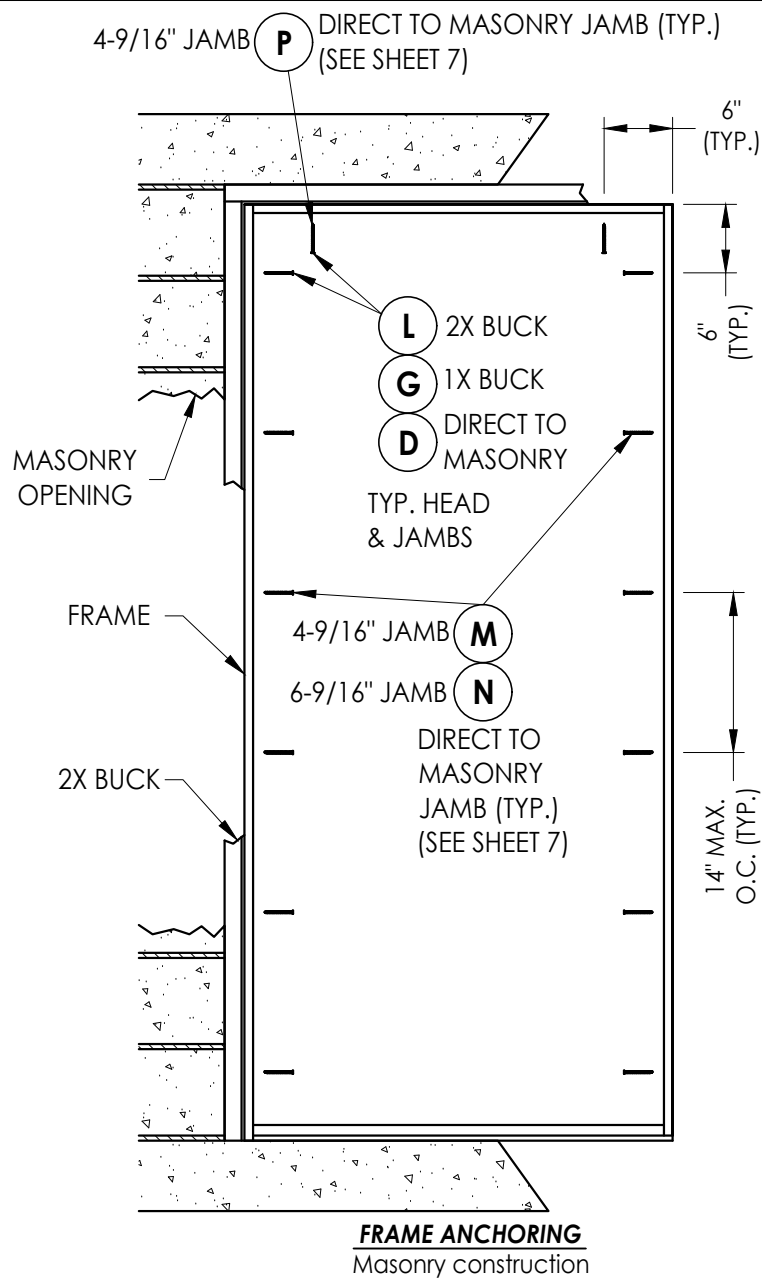
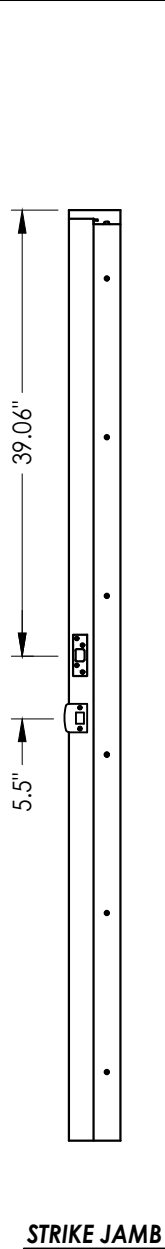
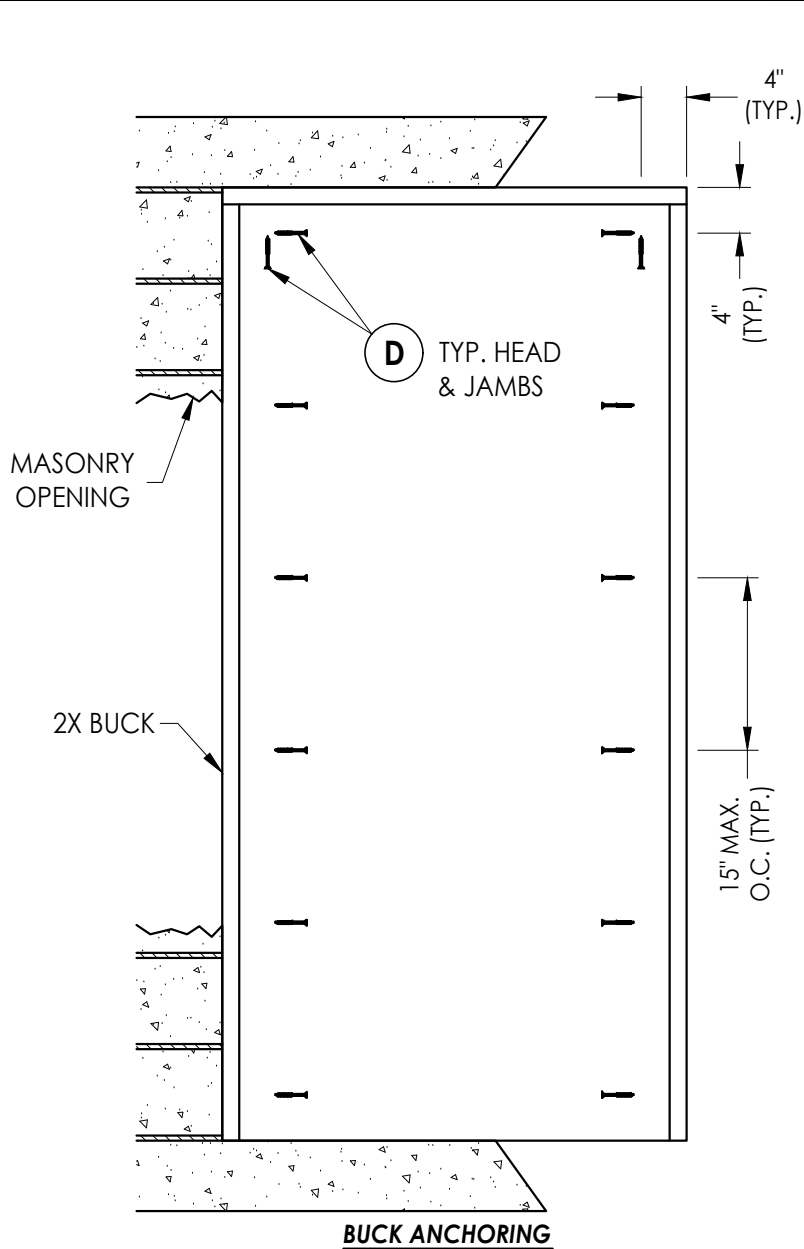
6
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		BY
			REVISIONS
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15221.6			
SHEET 7 OF 10			

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 4-3409

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-15221 R5\FL-15221.6.dwg



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.

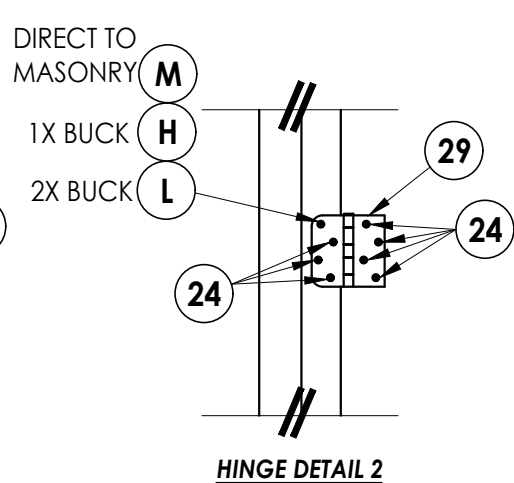
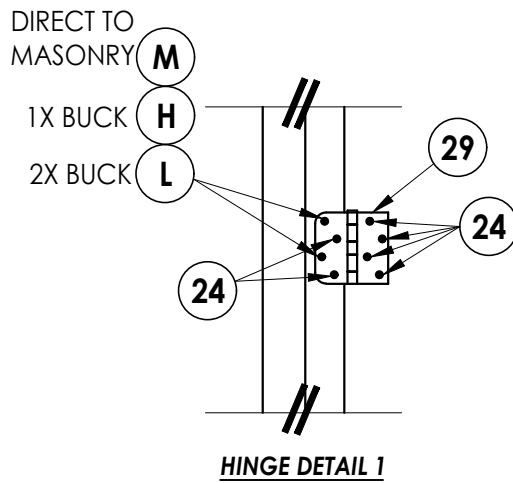
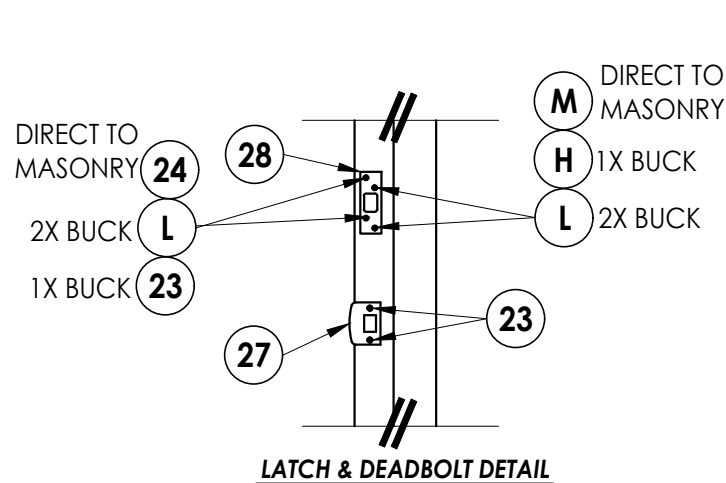
CONCRETE ANCHOR NOTES:

- 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"

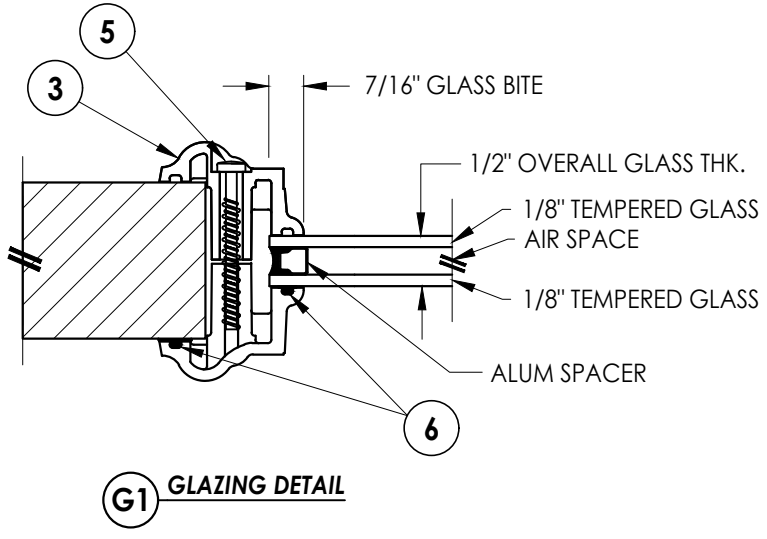
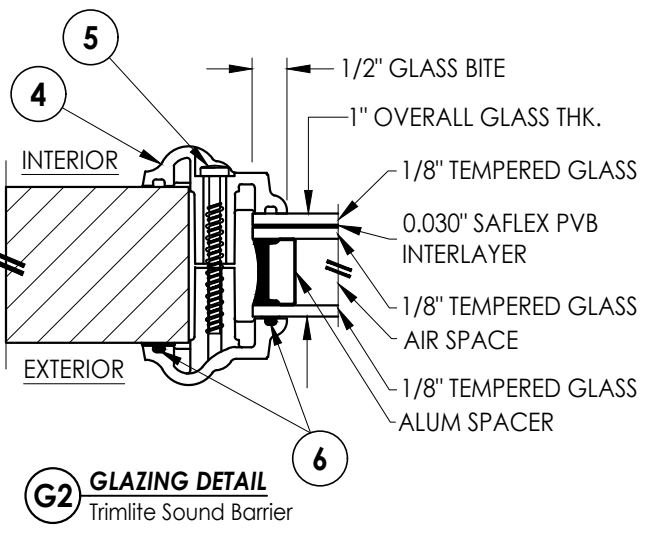
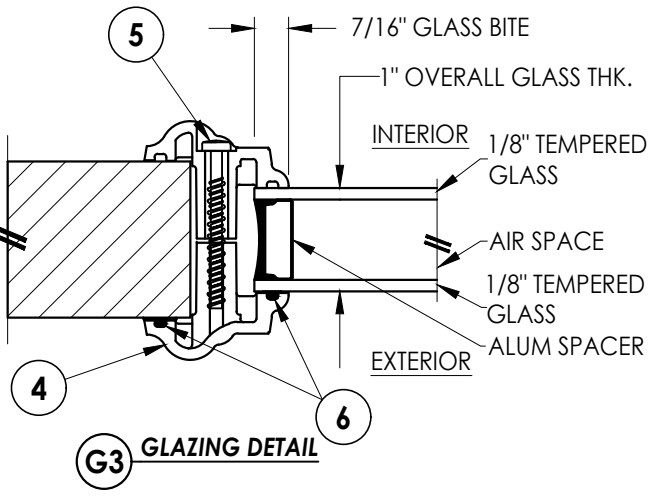
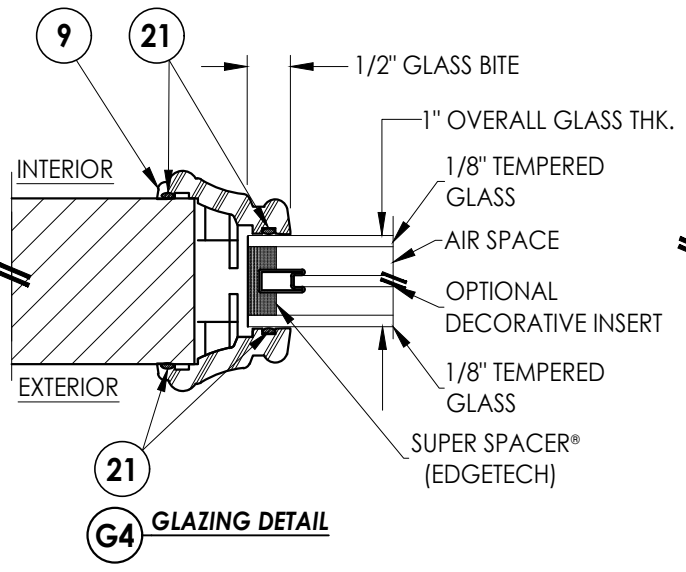
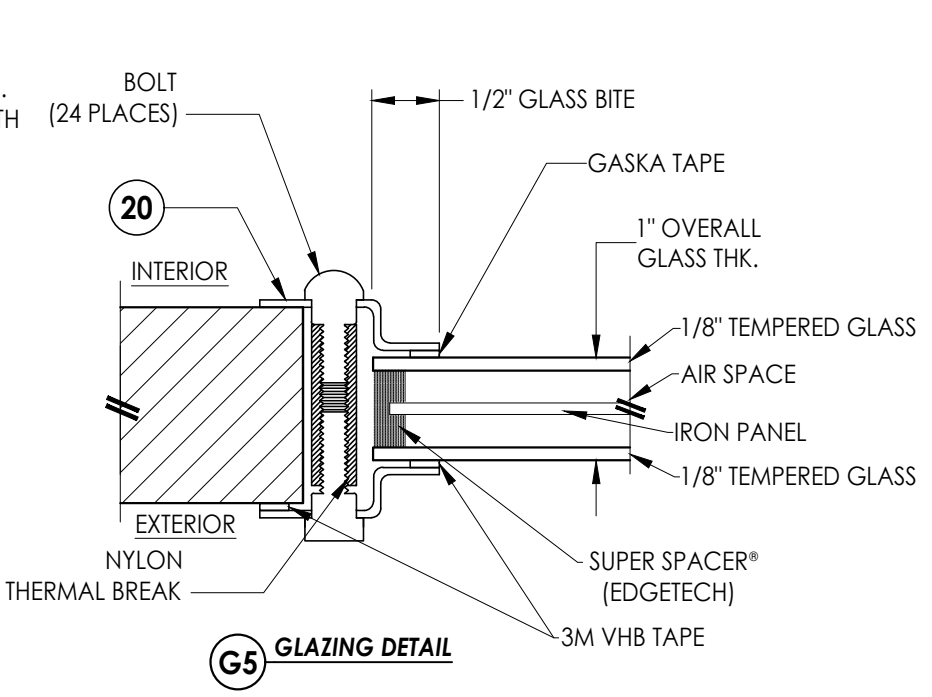
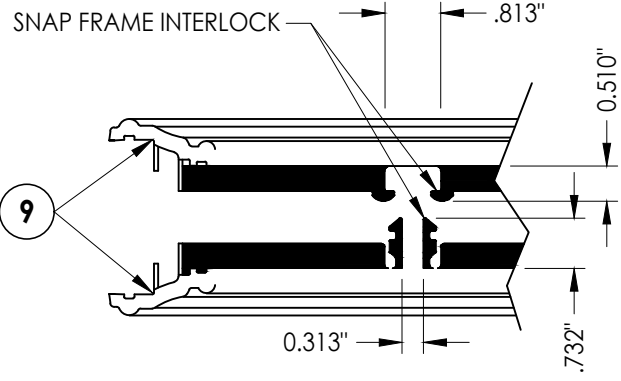
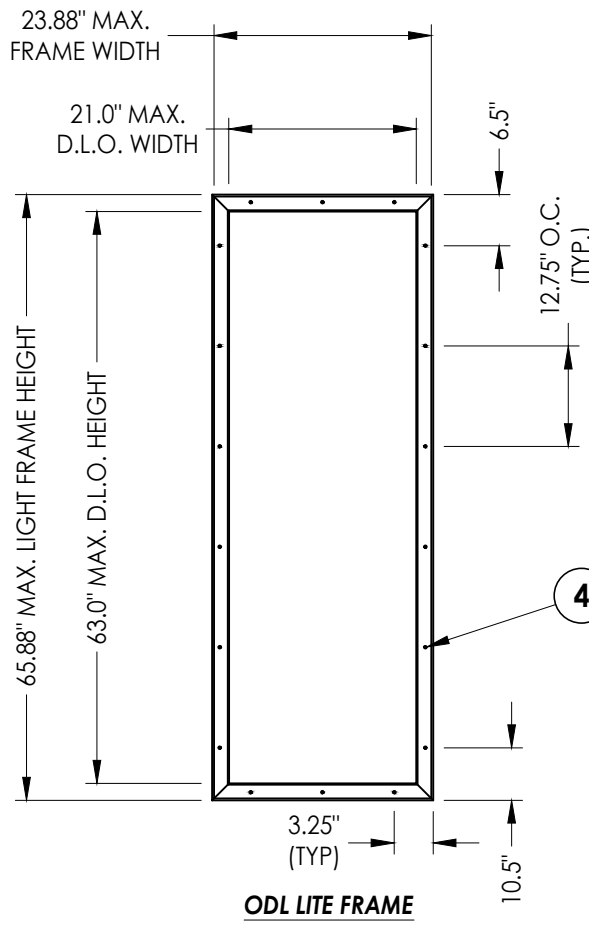
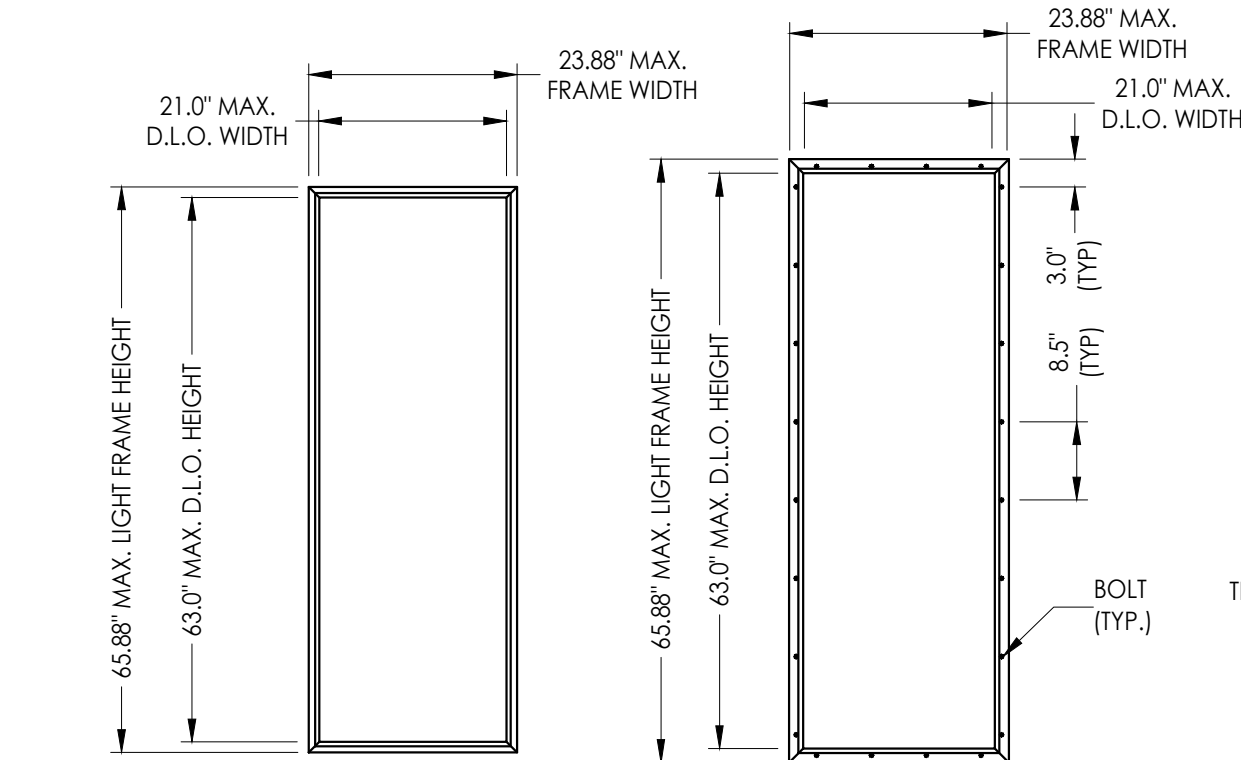
WOOD SCREW INSTALLATION NOTES:

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



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 AND FRAME ANCHORING	
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO. DATE		REVISIONS	
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15221.6			
SHEET 8 OF 10			

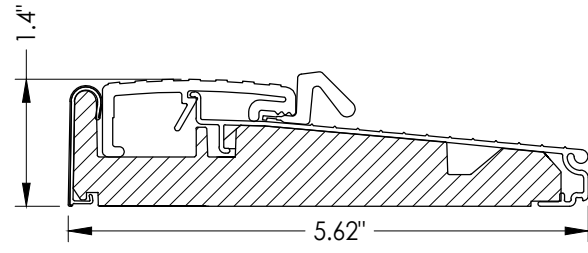
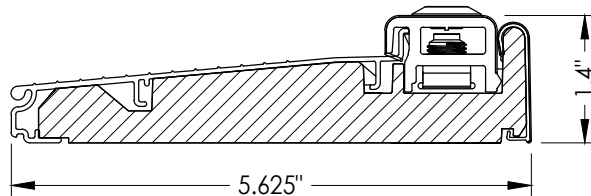
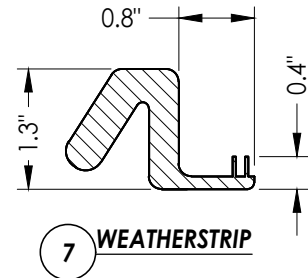
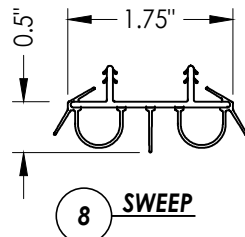
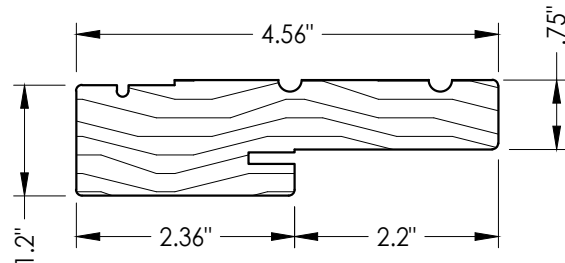
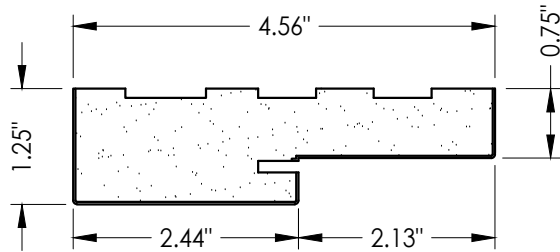
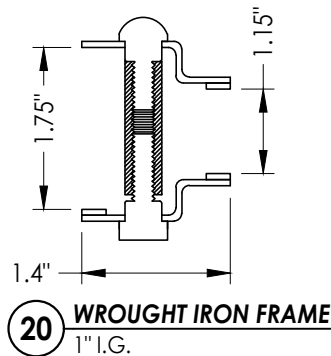
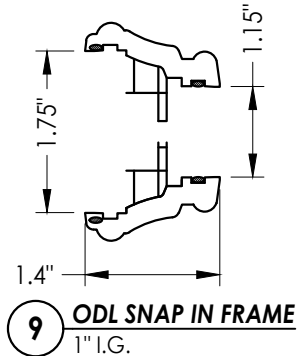
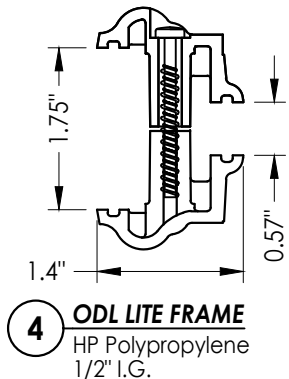
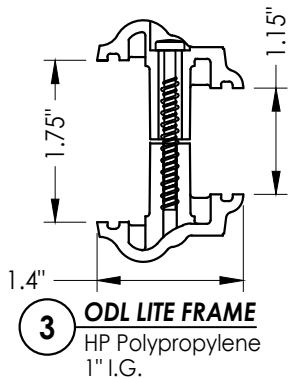
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.6.dwg



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: GLAZING DETAILS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	104/14/15	UPDATE TO 5TH ED. (2014)	FBC
NO. DATE		REVISIONS	
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15221.6			
SHEET 9 OF 10			

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.6.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
G	1/4" X 3-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16" X 3-1/4" 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
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP.
2	WOOD JAMB (FINGER JOINTED PINE)	WOOD
3	ODL LITE FRAME (1/2" I.G.)	HP POLY
4	ODL LITE FRAME (1" I.G.)	HP POLY
5	#8 X 1-1/2" PPH SMS	STEEL
6	READI-SEAL SEALANT	-
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	SWEEP	VINYL
9	SNAP IN FRAME	ABS
10	INSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
20	WROUGHT IRON FRAME	IRON
21	Q'SO GLAZING COMPOUND	SILICONE
23	#8 x 1-1/2" PFH WOOD SCREW	STEEL
24	#9 x 3/4" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY STRIKE)	STEEL
29	4 X 4 HINGE	STEEL
40	DOOR PANEL	-



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: BILL OF MATERIALS & COMPONENTS			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 02/15/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15221.6							
SHEET 10 OF 10							