



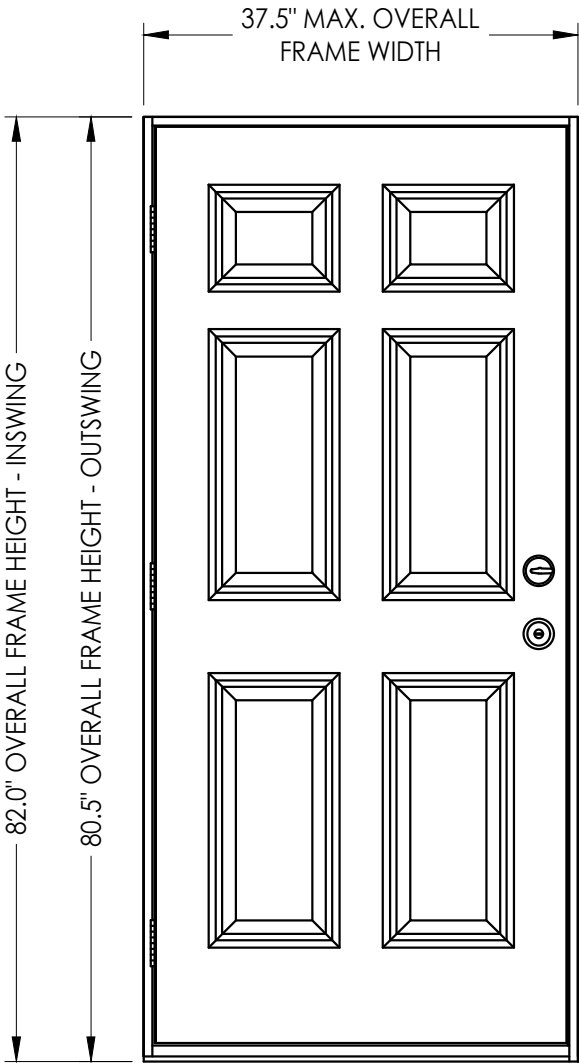
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

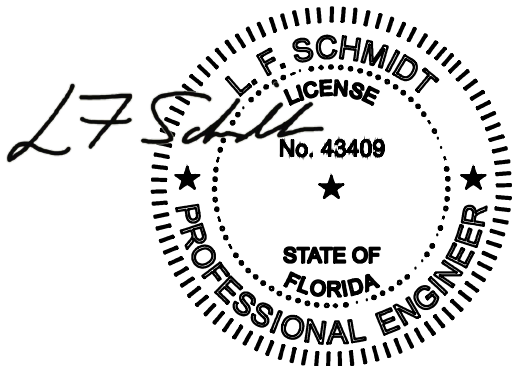
GENERAL NOTES

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	Bill of materials & components



SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.5" x 82.0"	+70.0	-70.0
OUTSWING	37.5" x 80.5"	+70.0	-70.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 07:56:40 -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
5

UPDATE TO 9TH ED. (2026)

FBC

LFS

8/14/23
4

UPDATE TO 8TH ED. (2023)

FBC

LFS

7/27/20
3

UPDATE TO 7TH ED (2020)

FBC

LFS

7/24/17
2

UPDATE TO 6TH ED. (2017)

FBC

JK

04/14/15
1

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

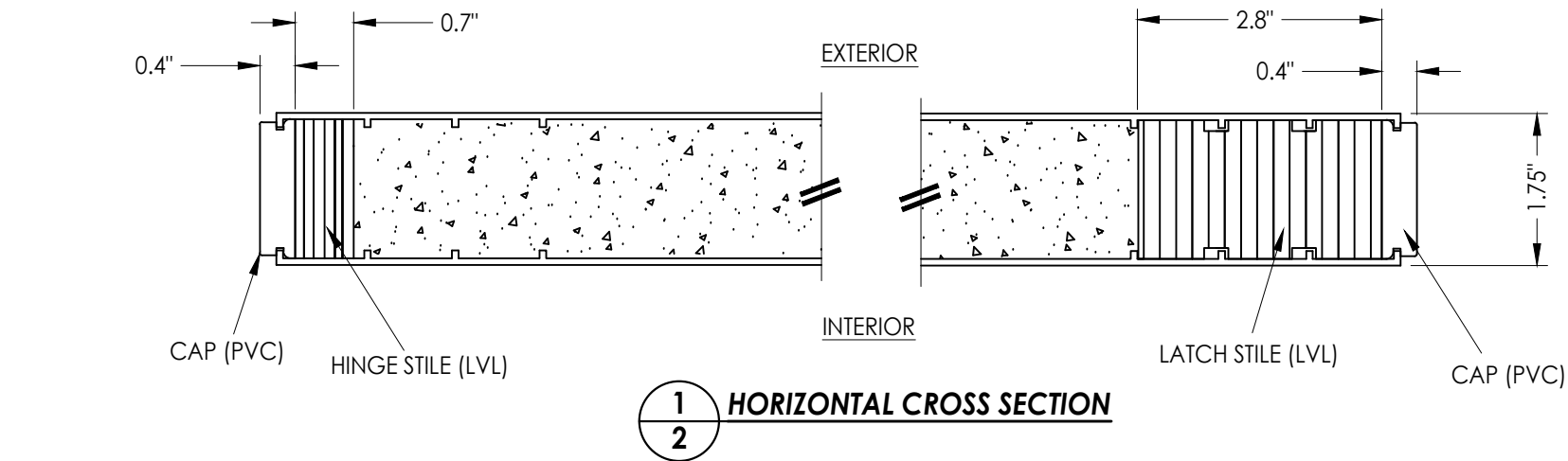
DRAWING NO.: FL-15221.1

SHEET 1 OF 9

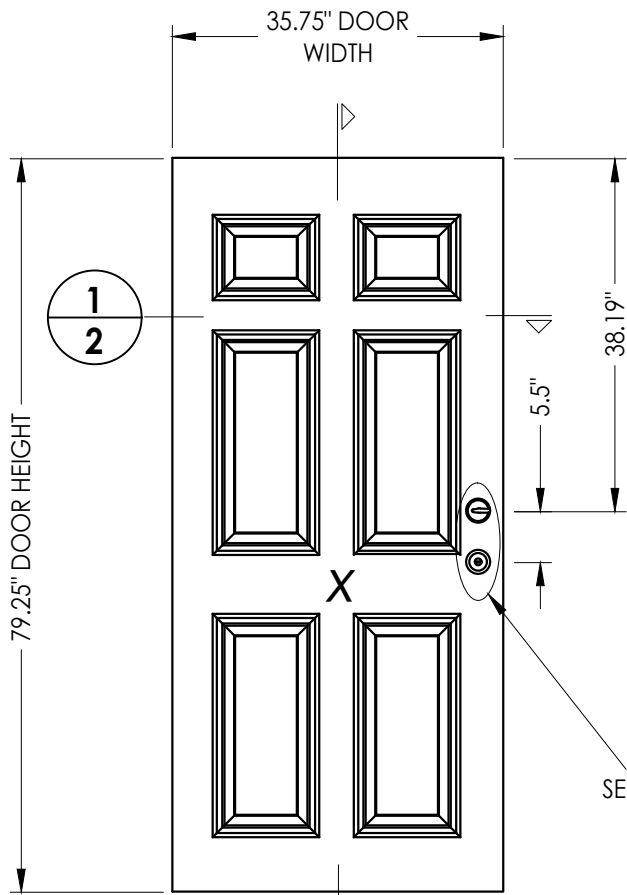
© 2012 R.W. BUILDING CONSULTANTS INC.

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-15221.1.dwg

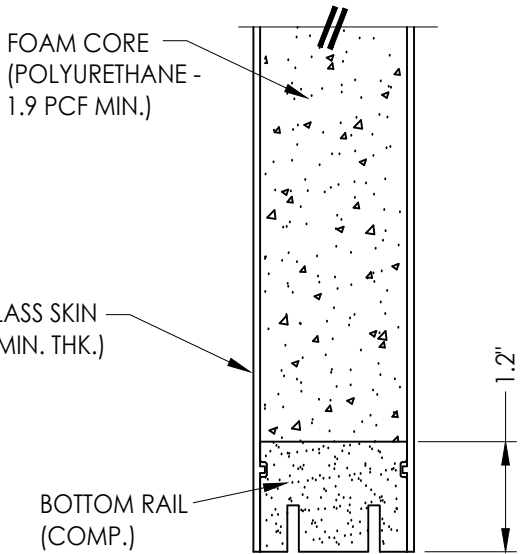
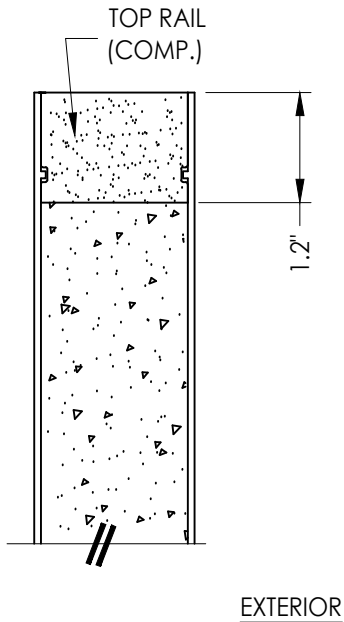


1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**
Plastpro
Fiberglass

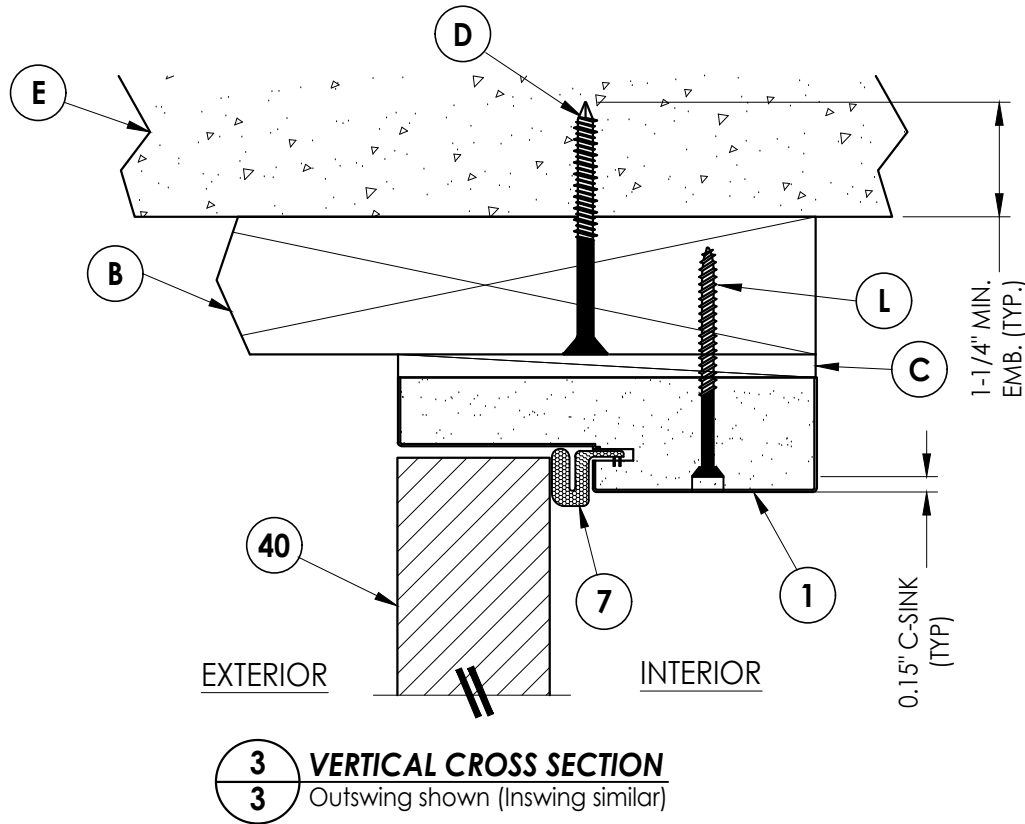
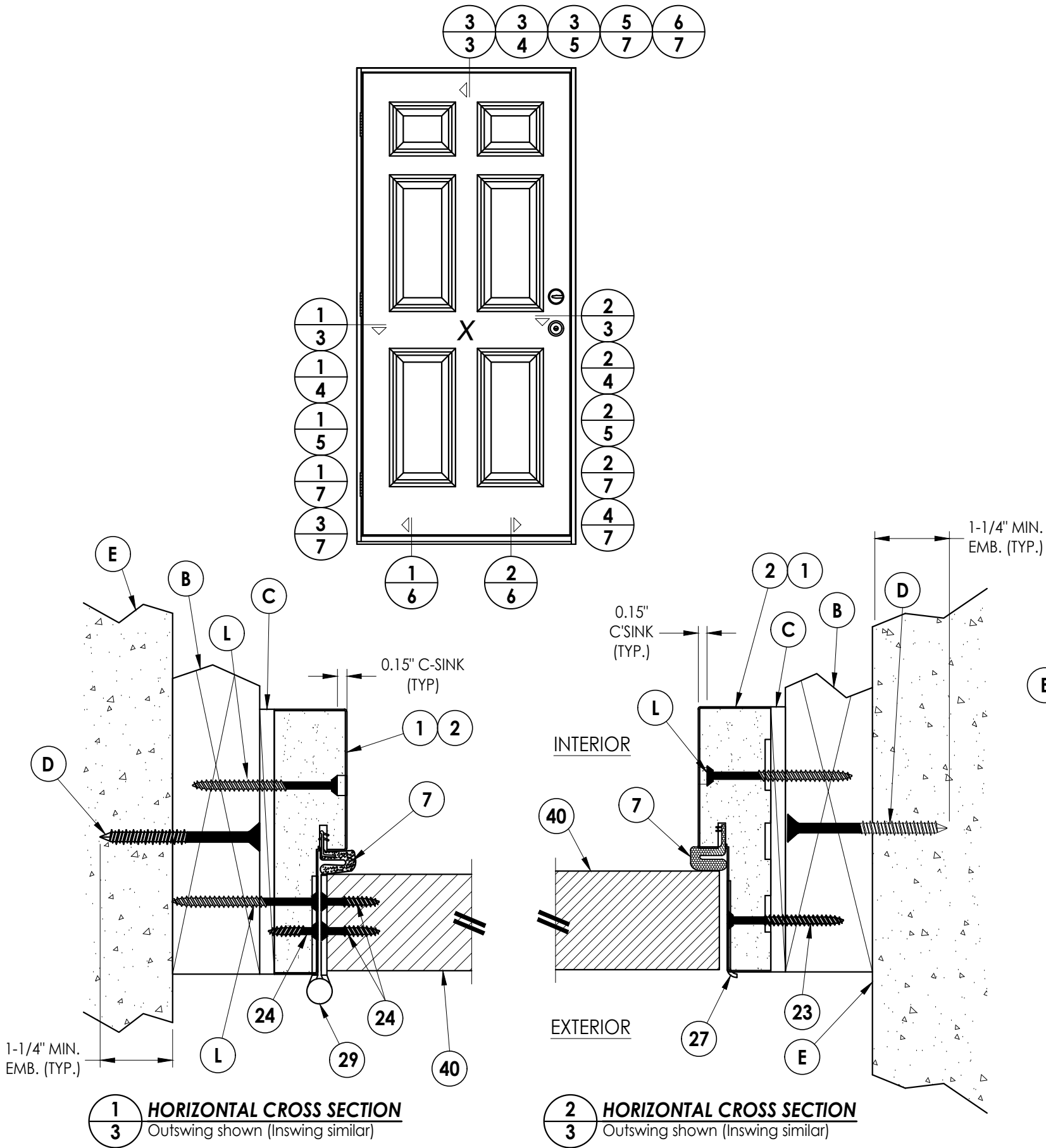
HARDWARE TABLE			
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)	+70.0	-70.0
SCHLAGE	KNOB: "F" SERIES (F10) LEVER: "F" SERIES (F10) DEADBOLT: "B" SERIES (B60/62)	+45.0	-45.0
SCHLAGE	HANDLE SET W/DEADBOLT: "F" SERIES (F60)	+45.0	-45.0



2
2 **VERTICAL CROSS SECTION**

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: DOOR PANEL 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	04/14/15	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-15221.1			
SHEET 2 OF 9			

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg

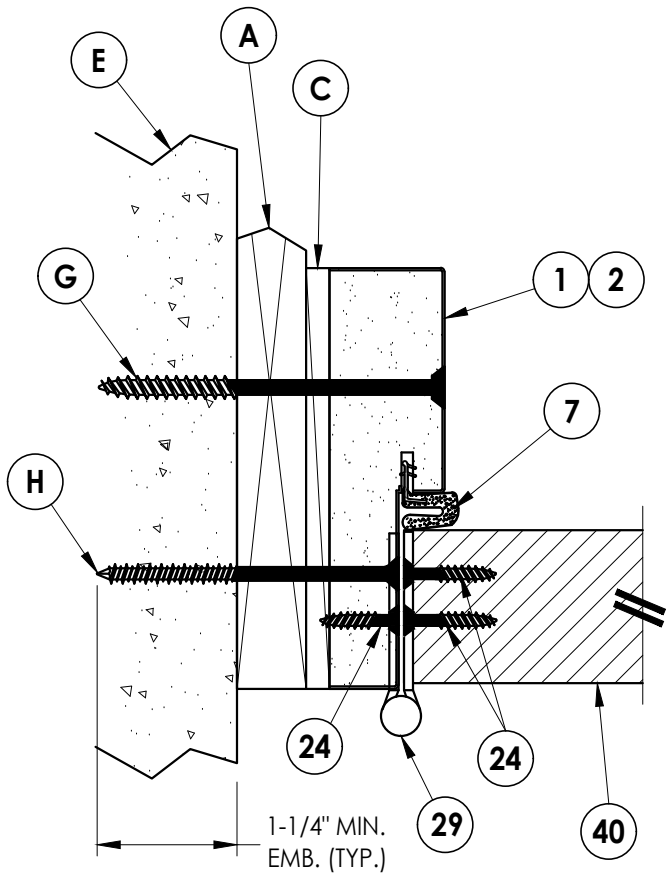


DATE		NO.		DATE		BY	
02/15/12		1		04/14/15		JK	
SCALE: N.T.S.		2		07/24/17		LFS	
DWG. BY: JK		3		07/27/20		FBC	
CHK. BY: LFS		4		08/14/23		FBC	
DRAWING NO.: FL-15221.1		5		07/02/26		FBC	
SHEET 3 OF 9		UPDATE TO 9TH ED. (2026)		LFS		FBC	

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	

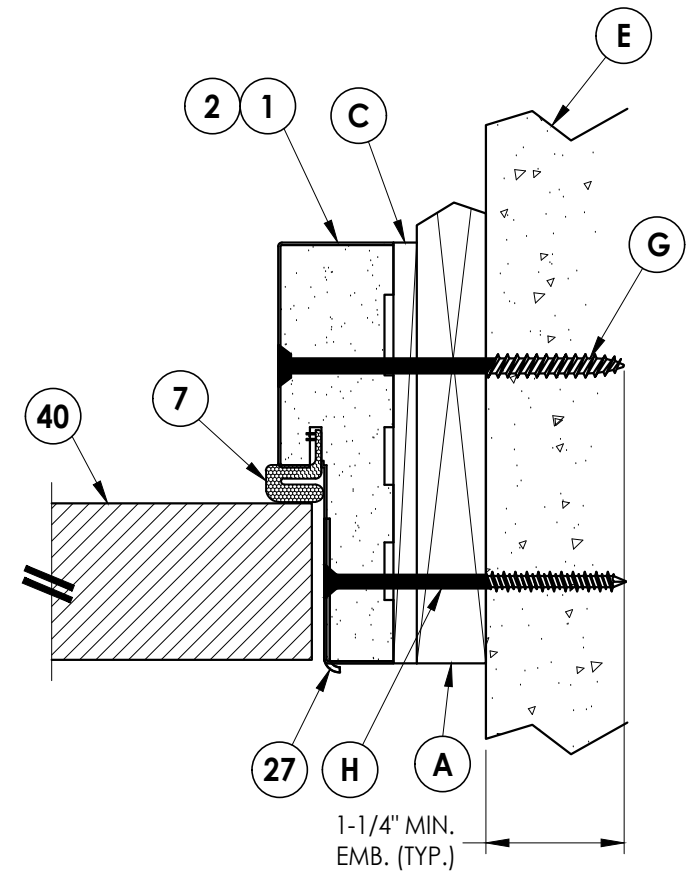
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
---	--	--	--

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg

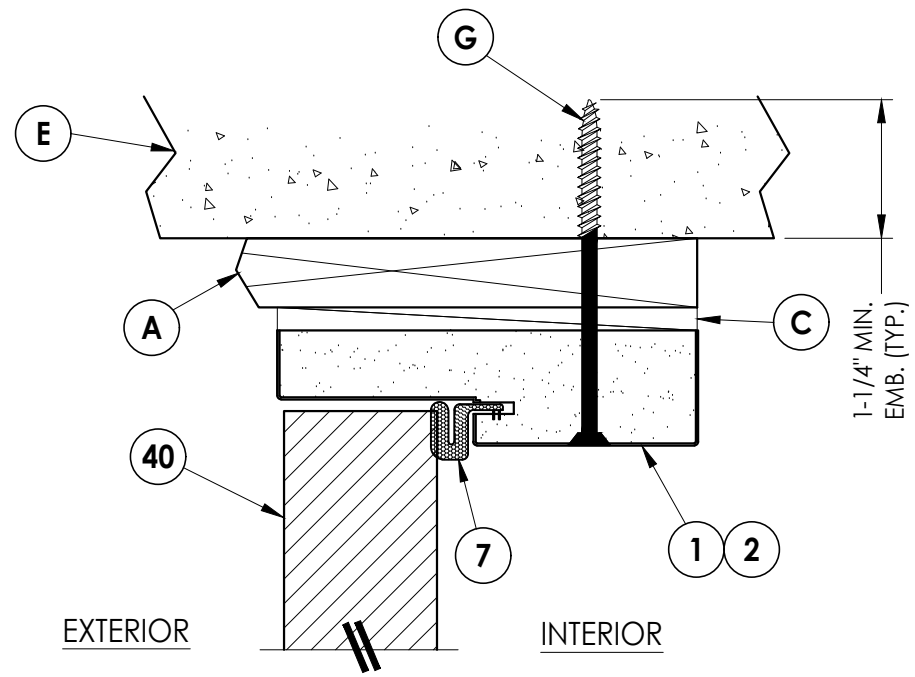


1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

INTERIOR
EXTERIOR



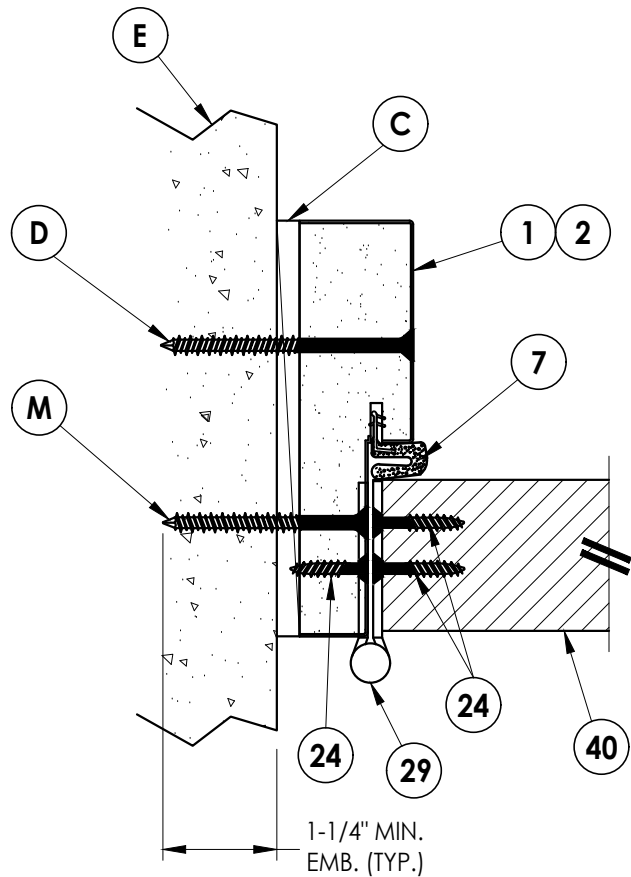
2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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

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: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)				
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-15221.1									
SHEET 4 OF 9									

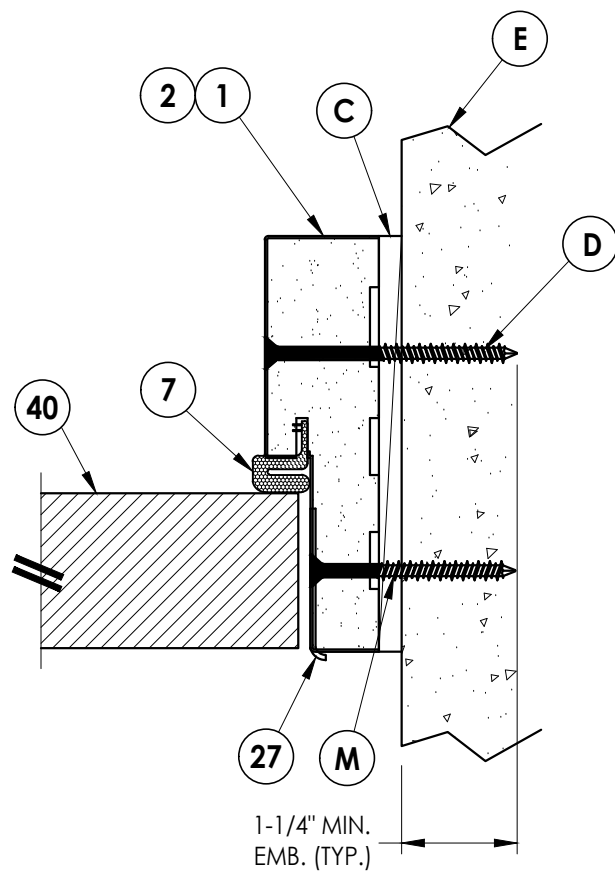
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg



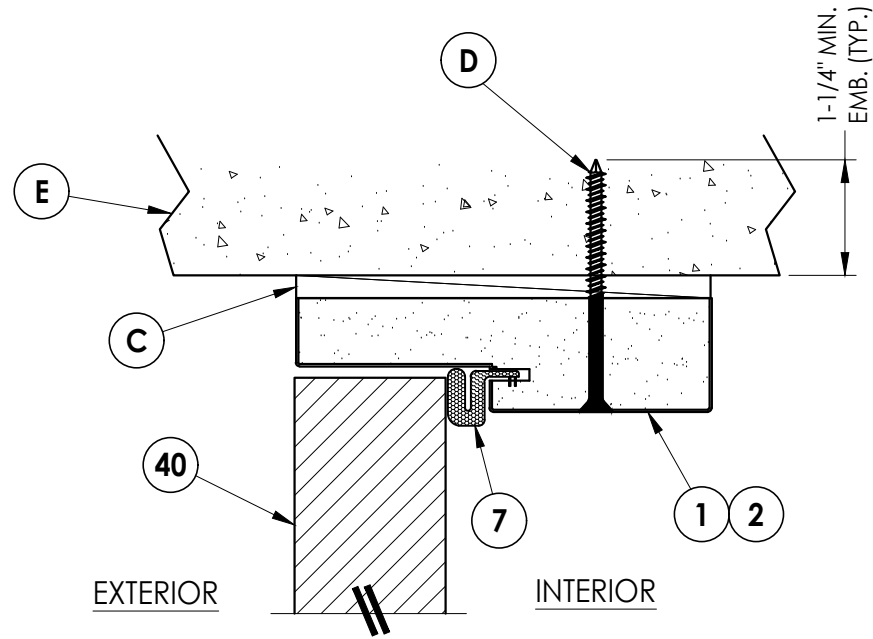
1
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

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)

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)

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

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

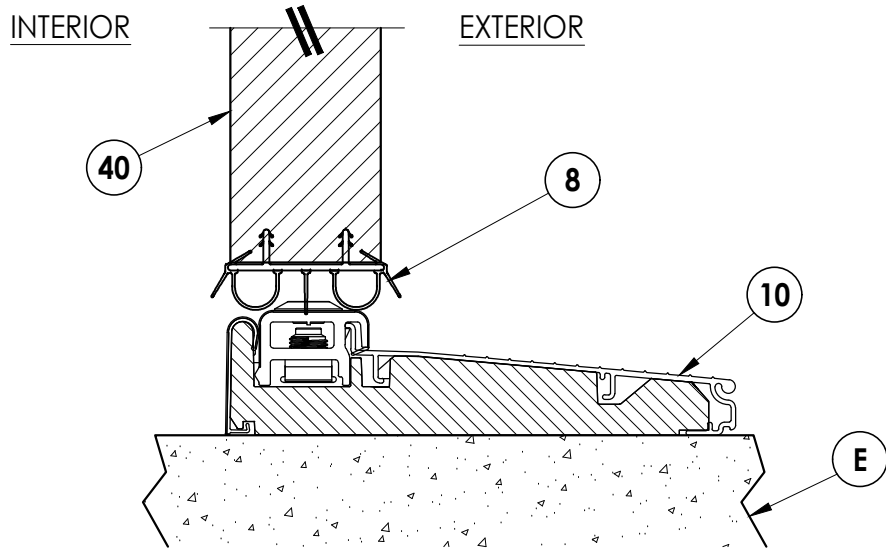
CHK. BY: LFS

DRAWING NO.:

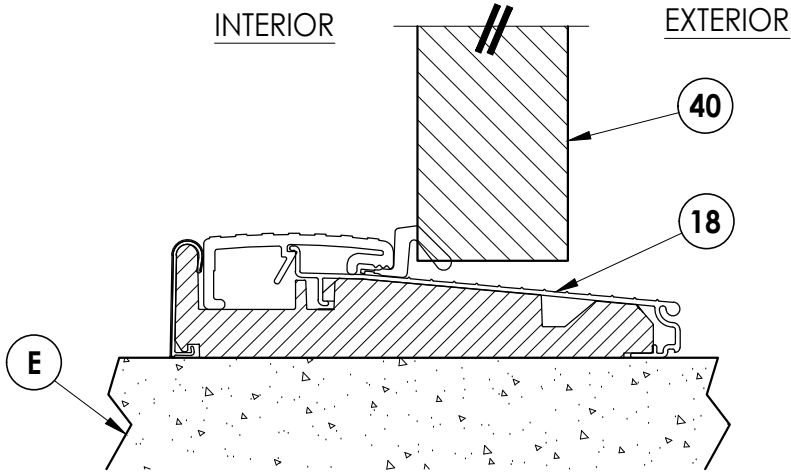
FL-15221.1

SHEET 5 OF 9

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg



1
6 VERTICAL CROSS SECTION
Outswing configuration



2
6 VERTICAL CROSS SECTION
Inswing configuration

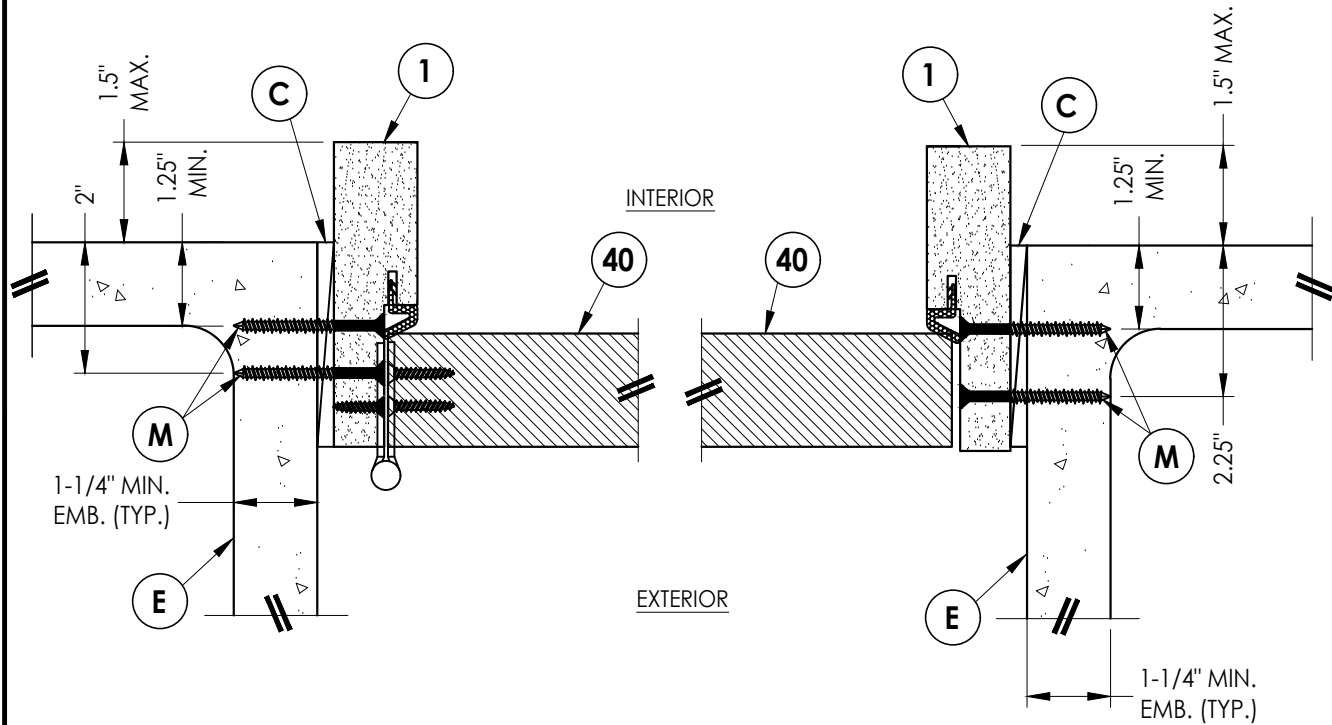
DATE: 02/15/12	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15221.1	
SHEET 6	OF 9

NO.	DATE	REVISIONS
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
		BY JK

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

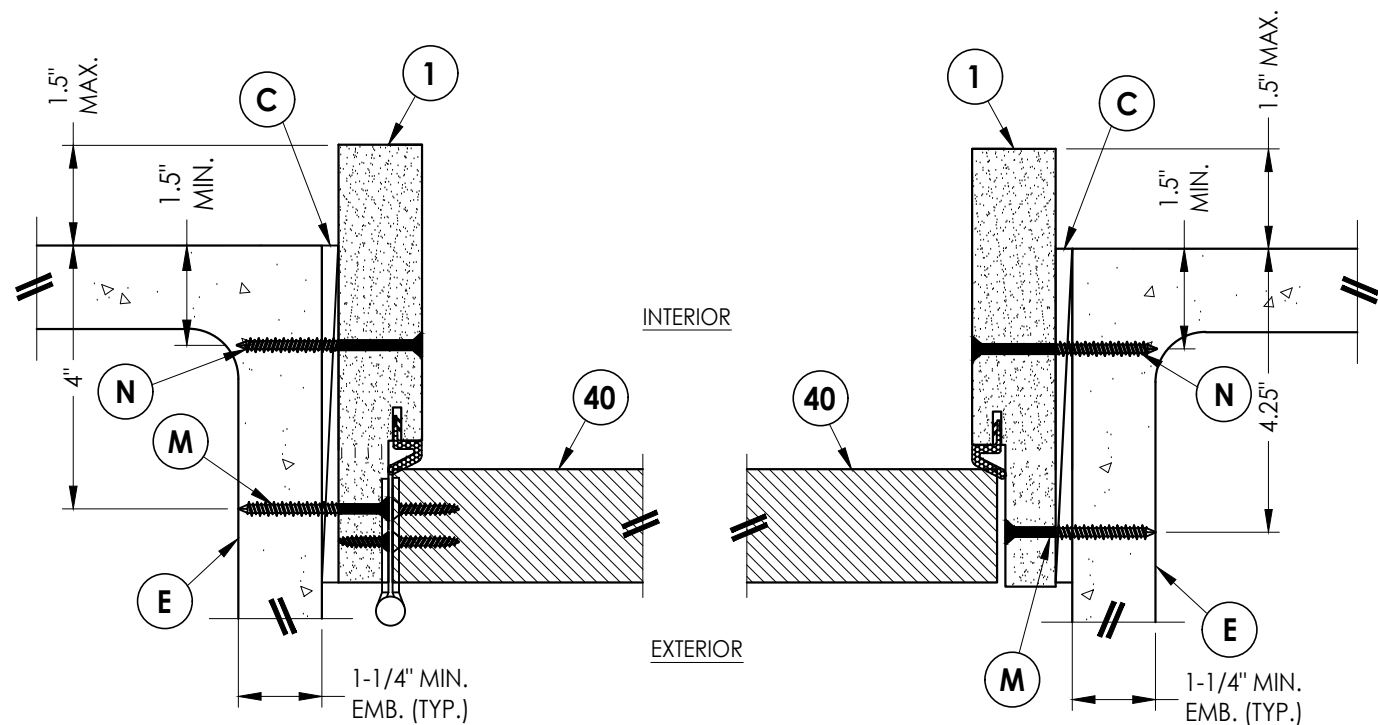
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg



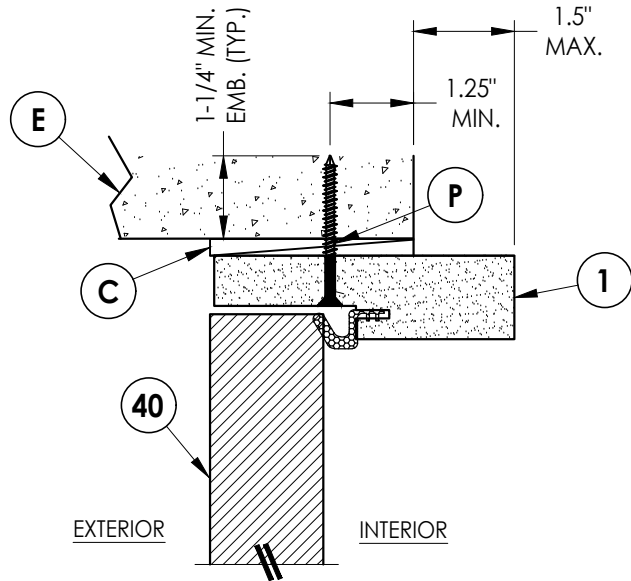
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

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

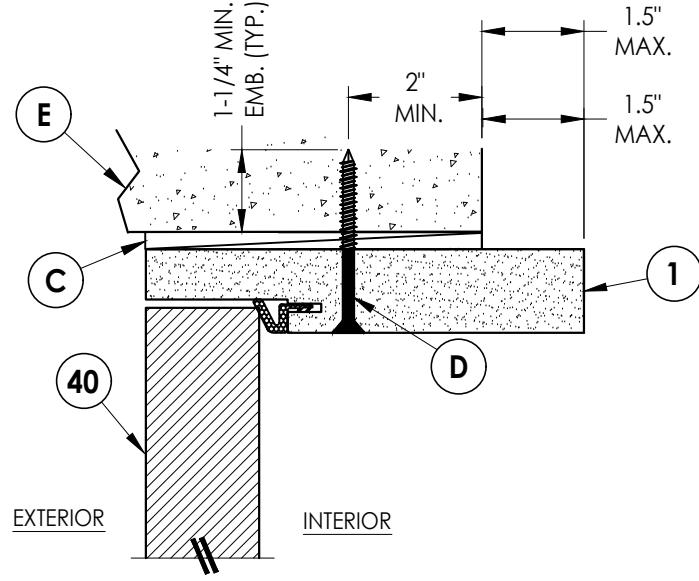


3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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



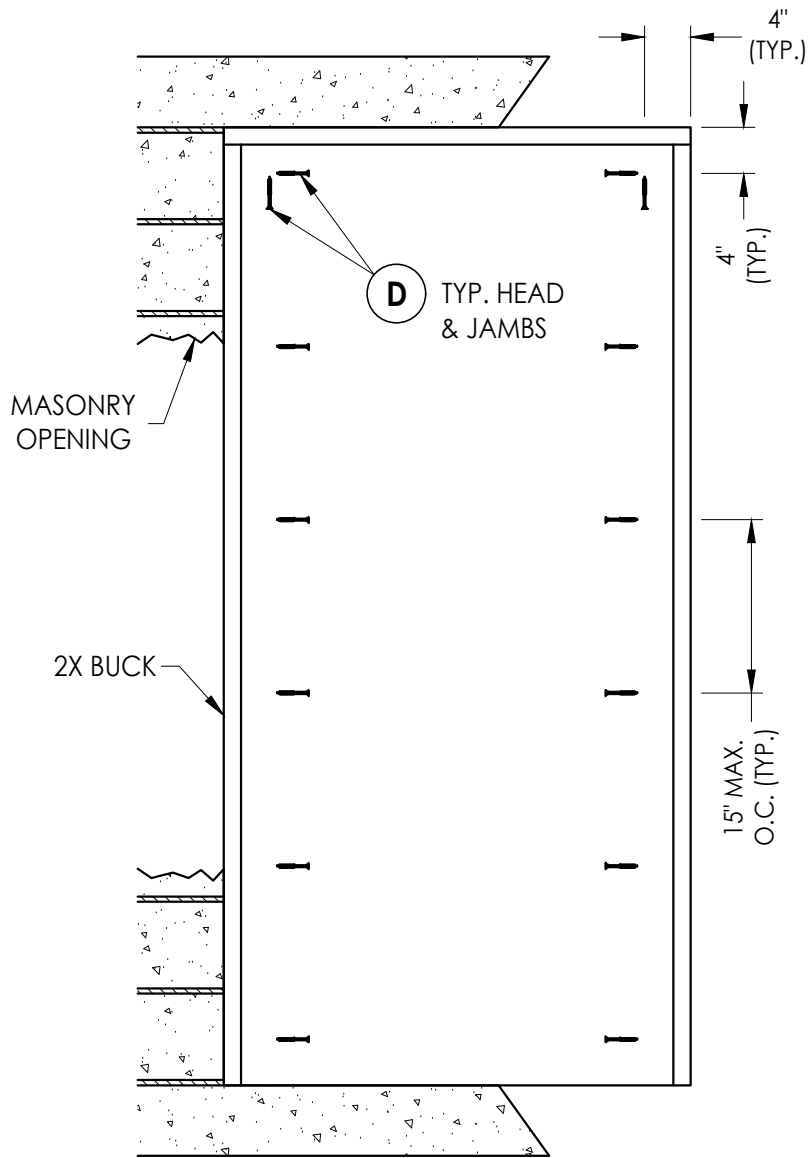
6
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC FIBERGLASS DOOR		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
LFS	UPDATE TO 9TH ED. (2026) FBC	JK	REVISIONS
LFS	UPDATE TO 8TH ED. (2023) FBC	JK	
LFS	UPDATE TO 7TH ED. (2020) FBC	JK	
JK	UPDATE TO 6TH ED. (2017) FBC	JK	
JK	UPDATE TO 5TH ED. (2014) FBC	BY	
NO.	DATE		
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15221.1			
SHEET 7 OF 9			

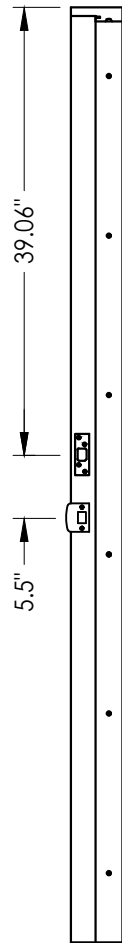
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

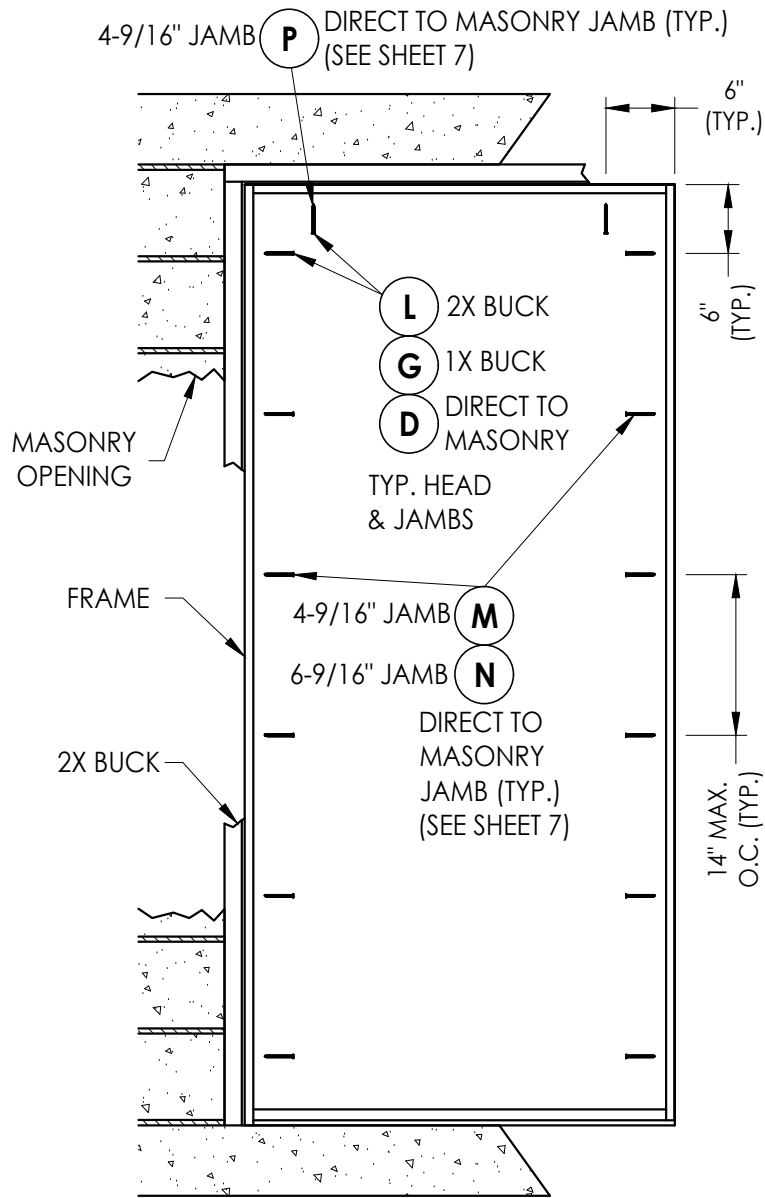
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg



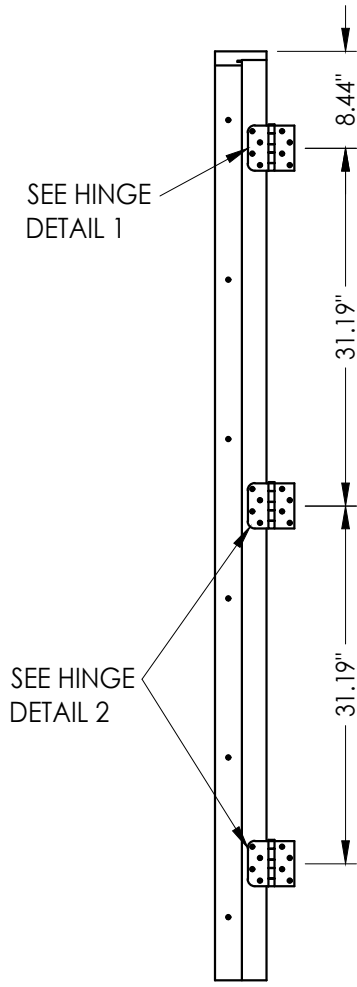
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

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.

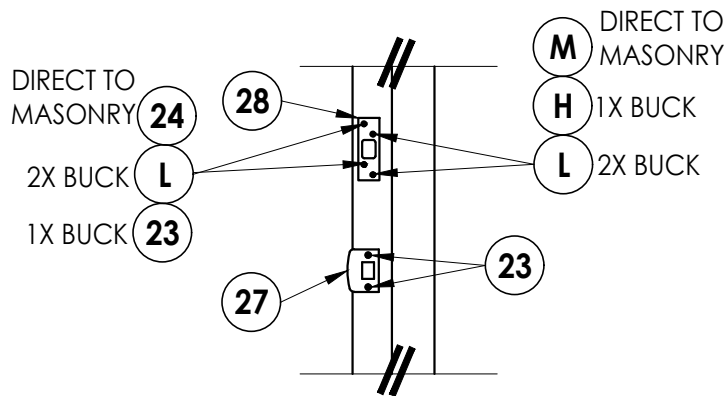
CONCRETE ANCHOR NOTES:

- 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:

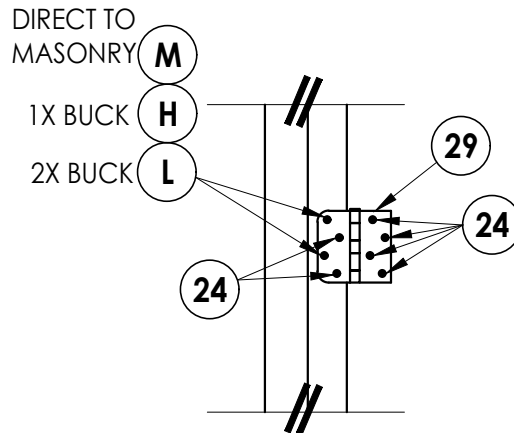
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

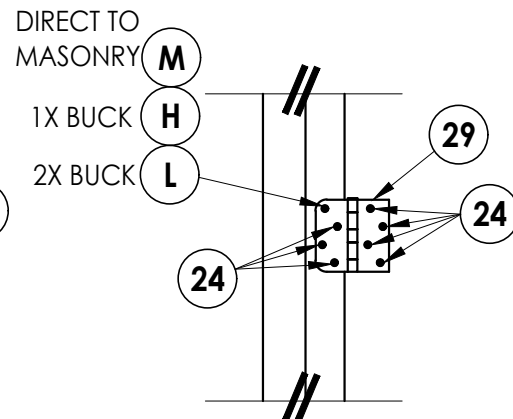
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH & DEADBOLT DETAIL



HINGE DETAIL 1



HINGE DETAIL 2

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

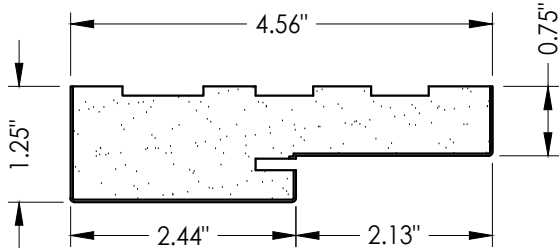
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
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	

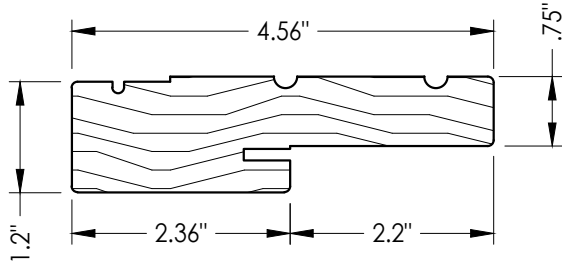
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15221.1
SHEET 8 OF 9

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15221 R5\FL-15221.1.dwg

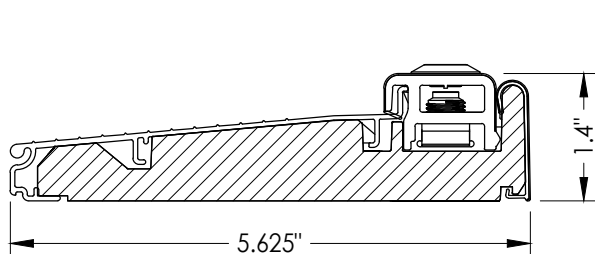
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3-3/4" DeWALT 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
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	SWEEP	VINYL
10	INSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
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	-



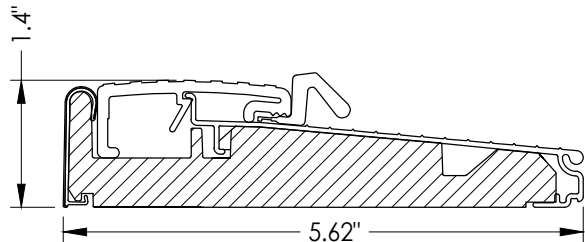
1 POLY FIBER JAMB



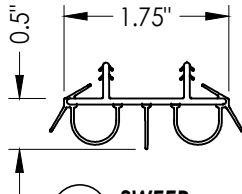
2 WOOD JAMB



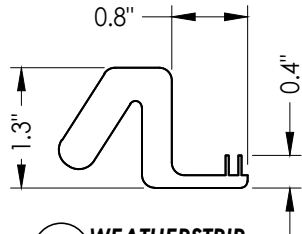
10 INSWING THRESHOLD
By Endura



18 OUTSWING THRESHOLD
By Endura



8 SWEEP



7 WEATHERSTRIP

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
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-15221.1

SHEET 9 OF 9

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:
BILL OF MATERIALS
& COMPONENTS