

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series Fiberglass Door
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.

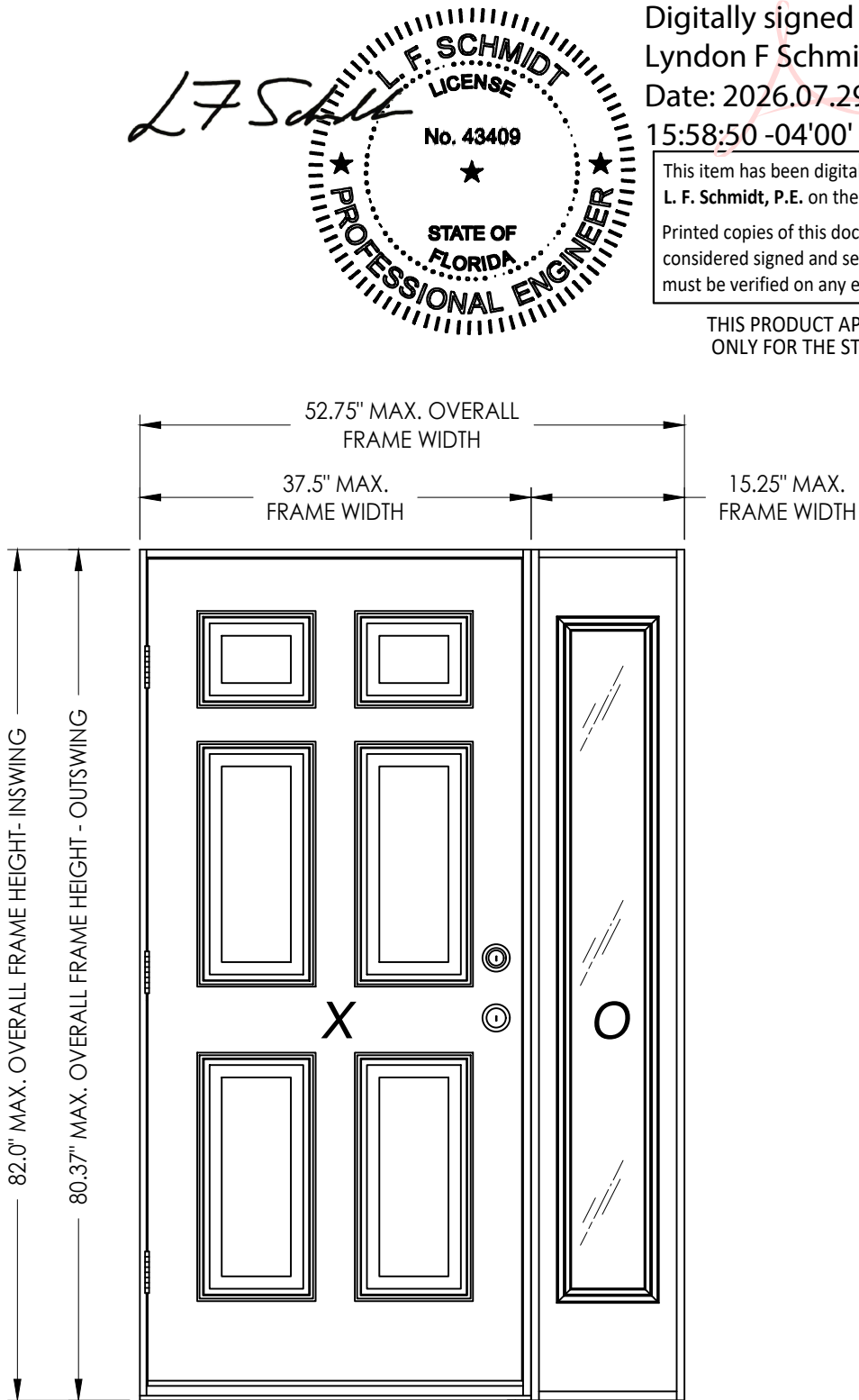
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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. The sidelite must 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 elevation, design pressures, & general notes
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8	Frame anchoring - 1X buck masonry construction
9	Bill of materials, glazing detail & components



SWING	OVERALL FRAME DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	52.75" x 82.0"	7.0" x 63.0"	G1	+50.0	-50.0
OUTSWING	52.75" x 80.37"	7.0" x 63.0"			

Digitally signed by
Lyndon F Schmidt
Date: 2026.07.29
15:58:50 -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

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

PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

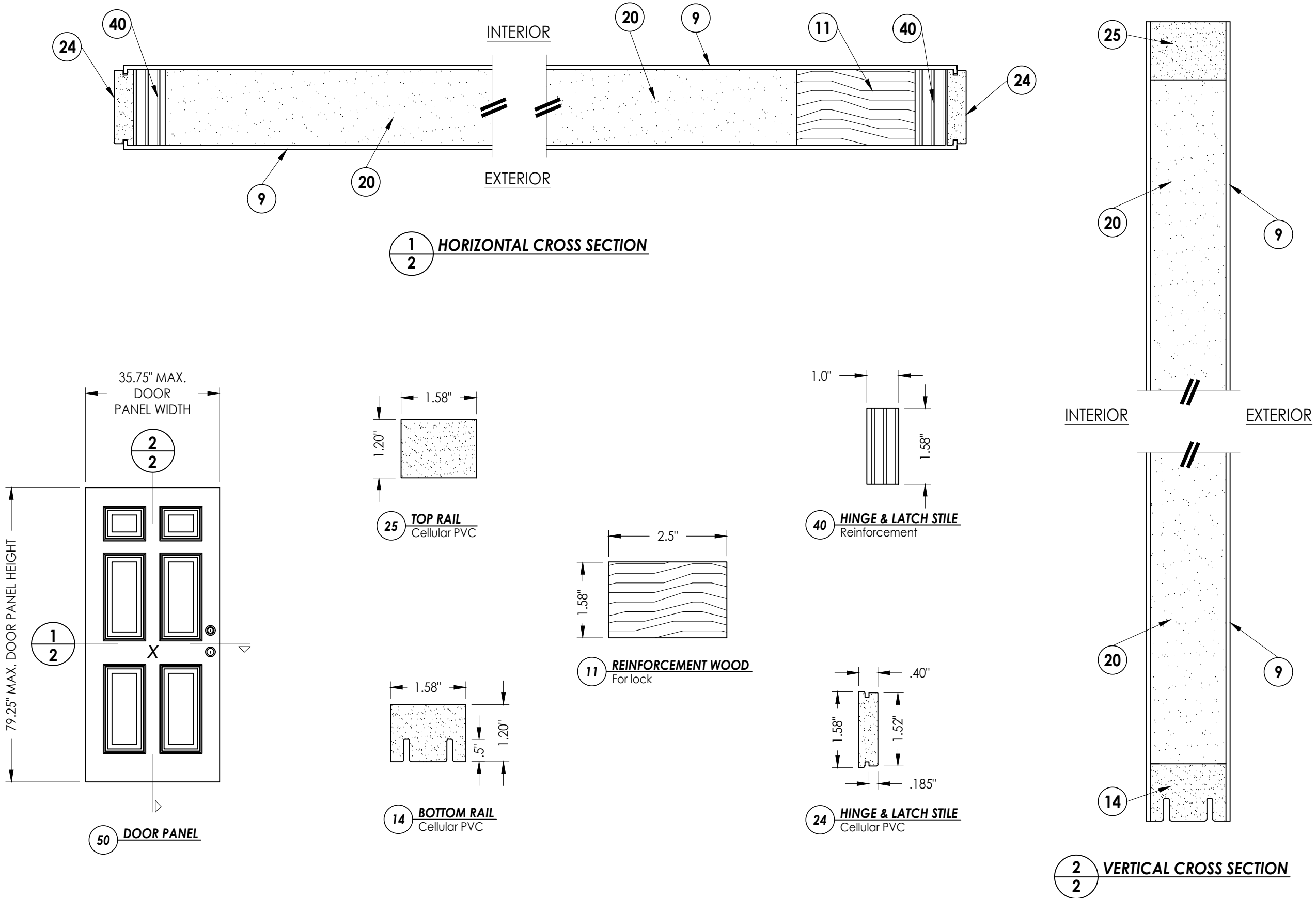
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4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			
REVISIONS				

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.4
SHEET 1 OF 9

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

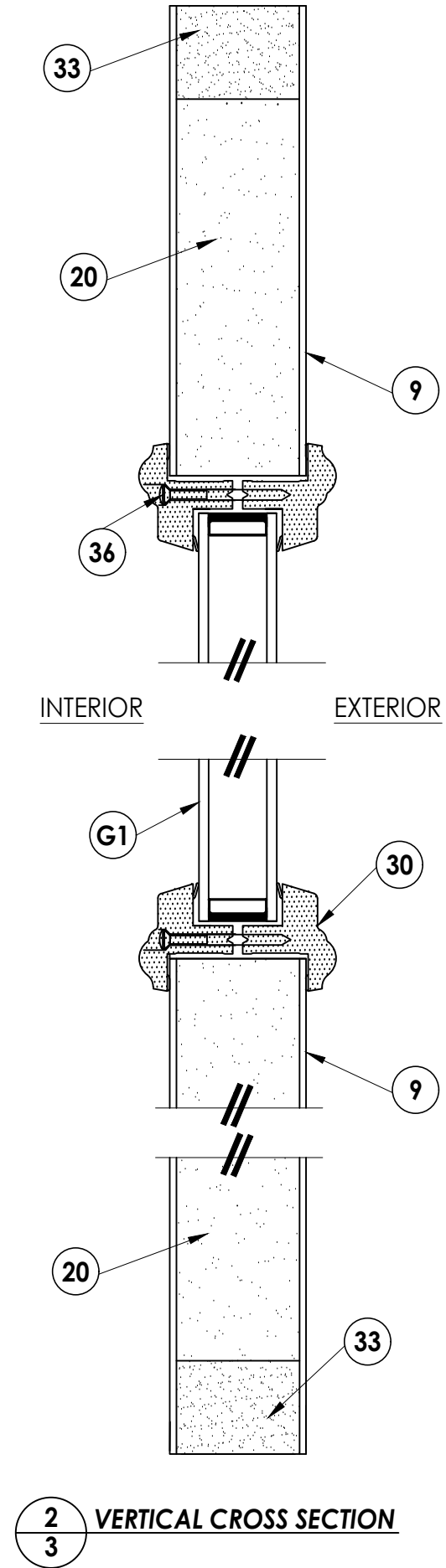
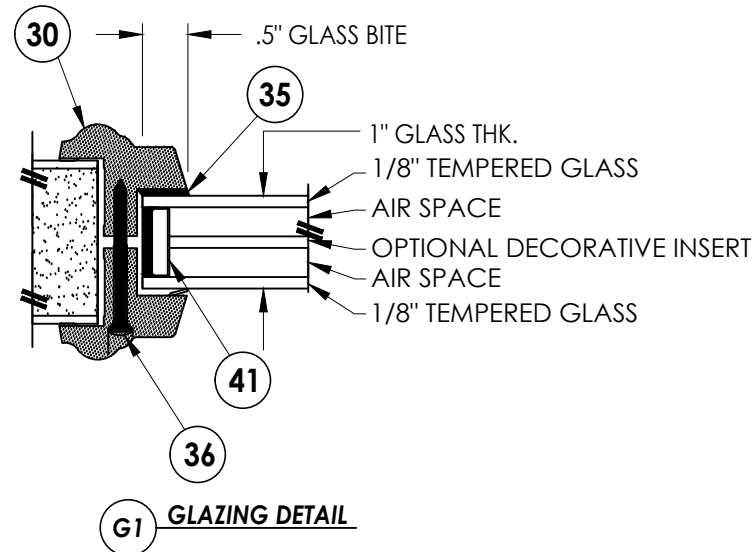
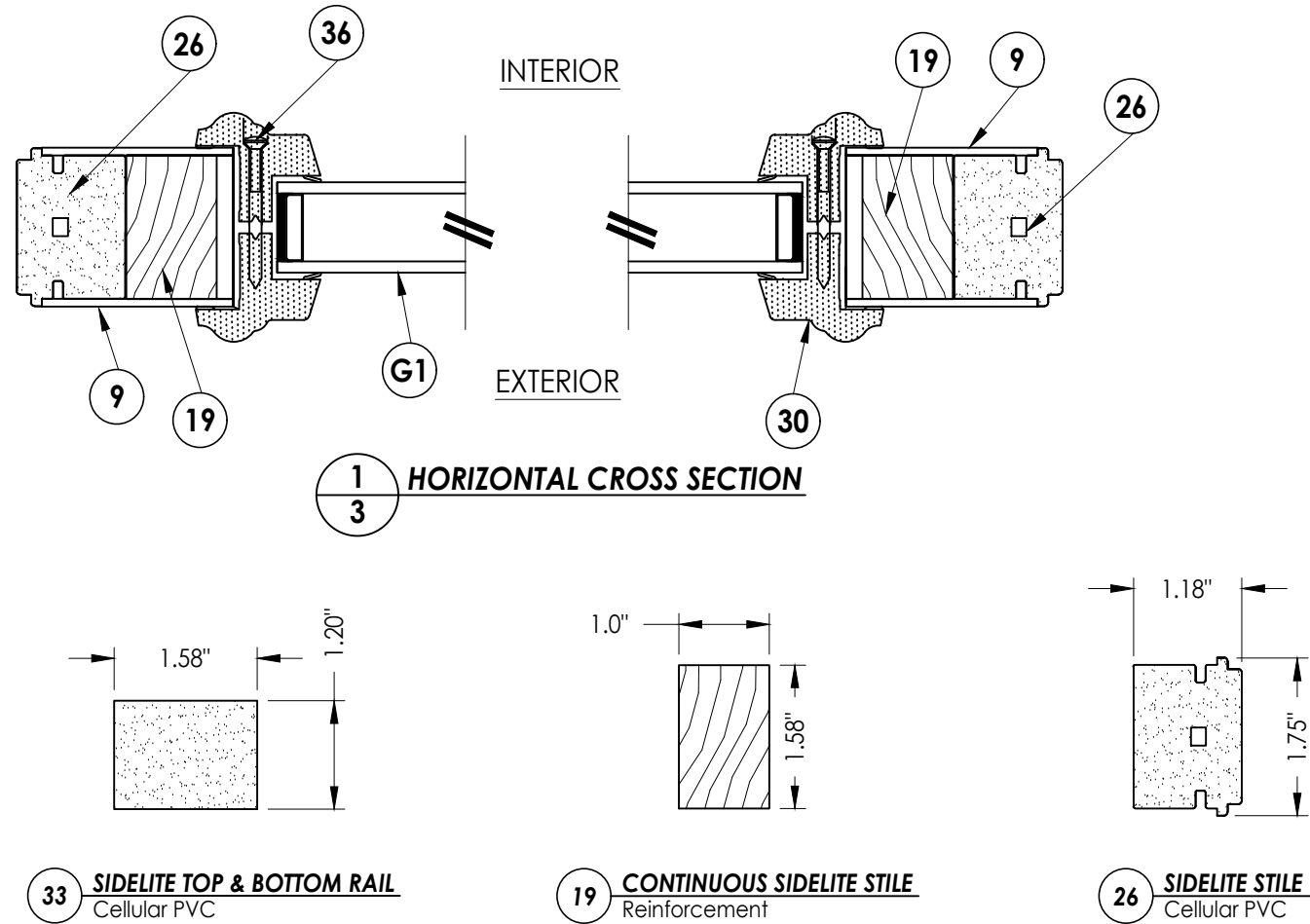
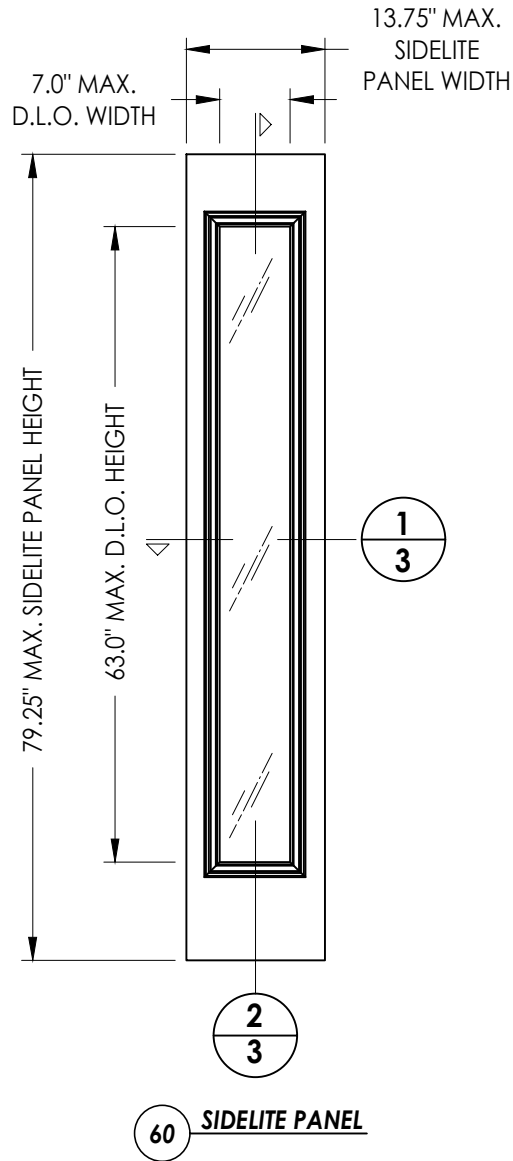
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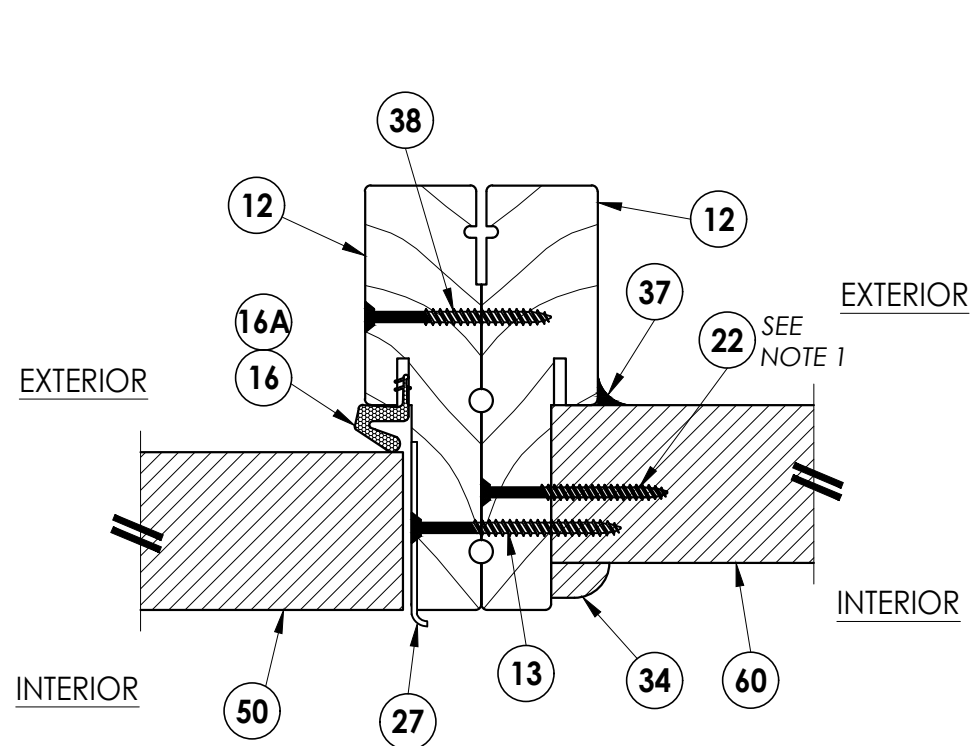
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
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1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
NO. DATE		REVISIONS	
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15213.4			
SHEET 2 OF 9			

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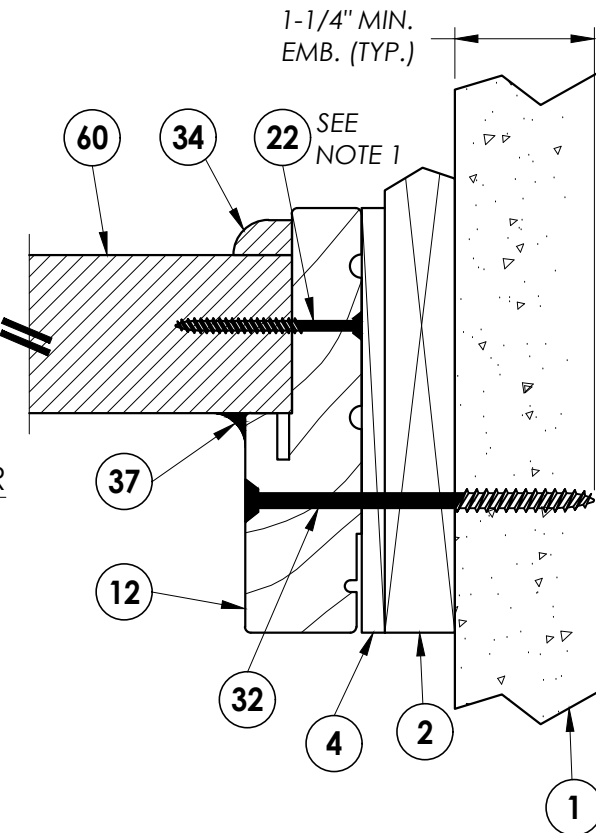
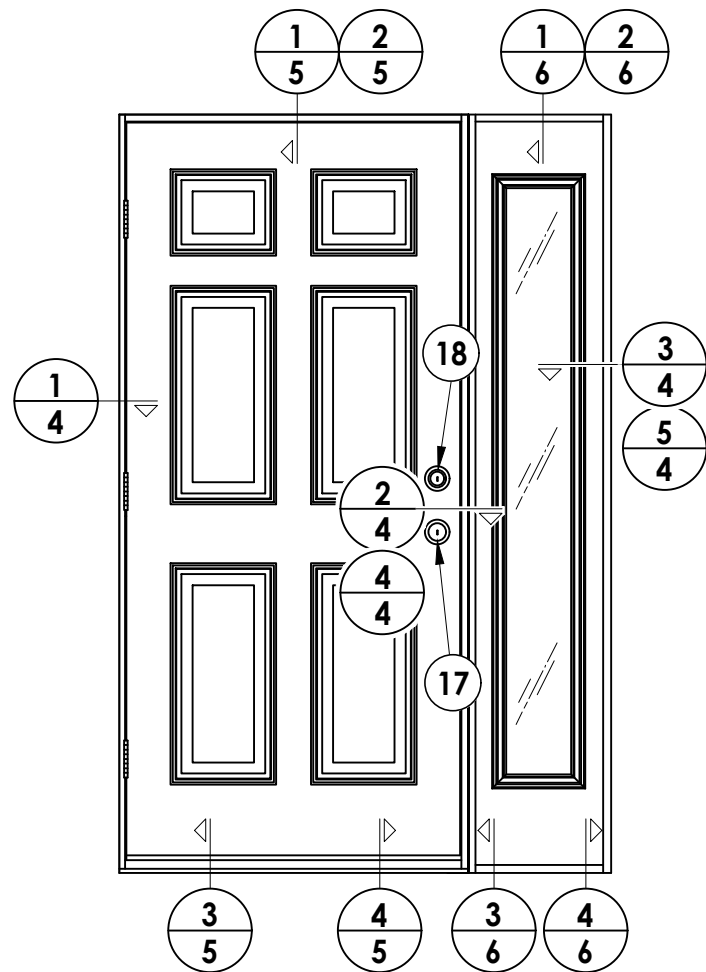


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS	
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2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC LFS
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK
NO.	DATE	REVISIONS	
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15213.4			
SHEET 3 OF 9			

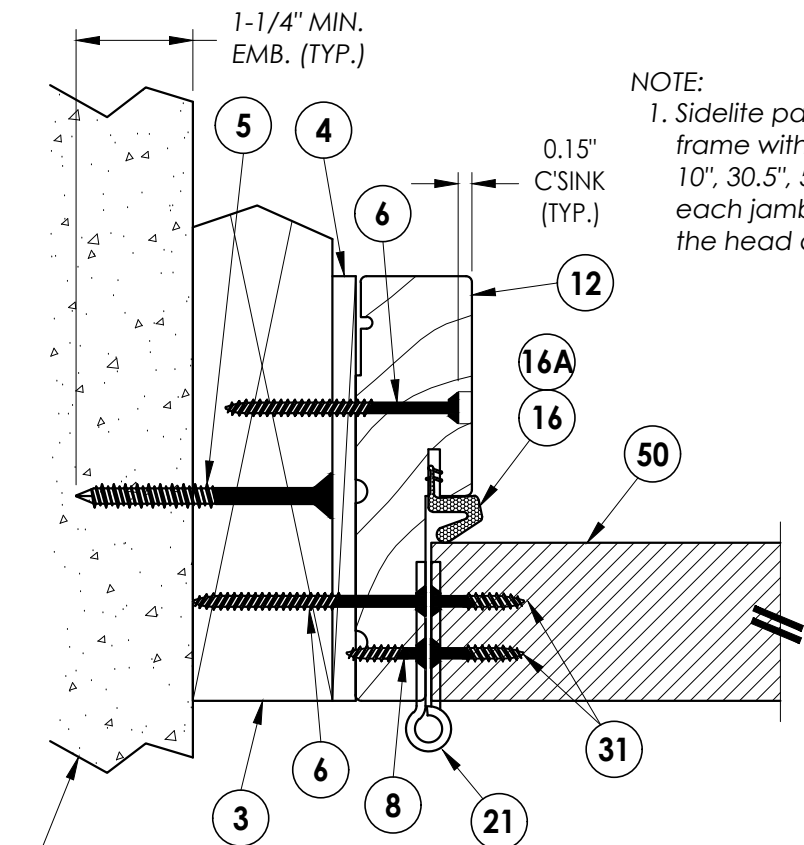
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4
4 **HORIZONTAL CROSS SECTION**
Inswing configuration

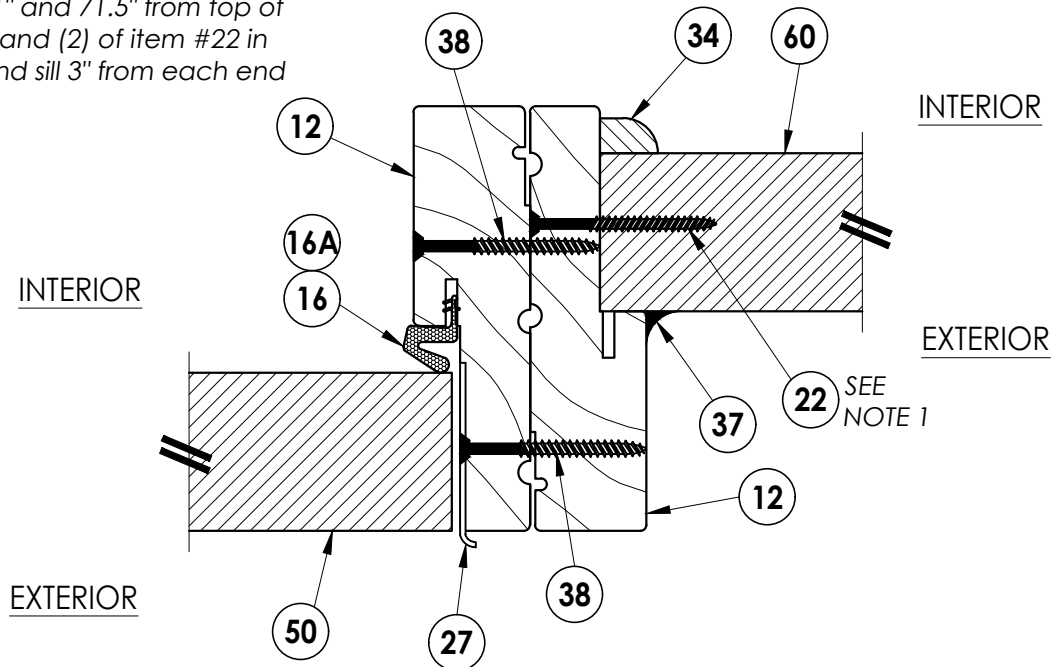


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4 **HORIZONTAL CROSS SECTION**
Shown w/1X sub-buck

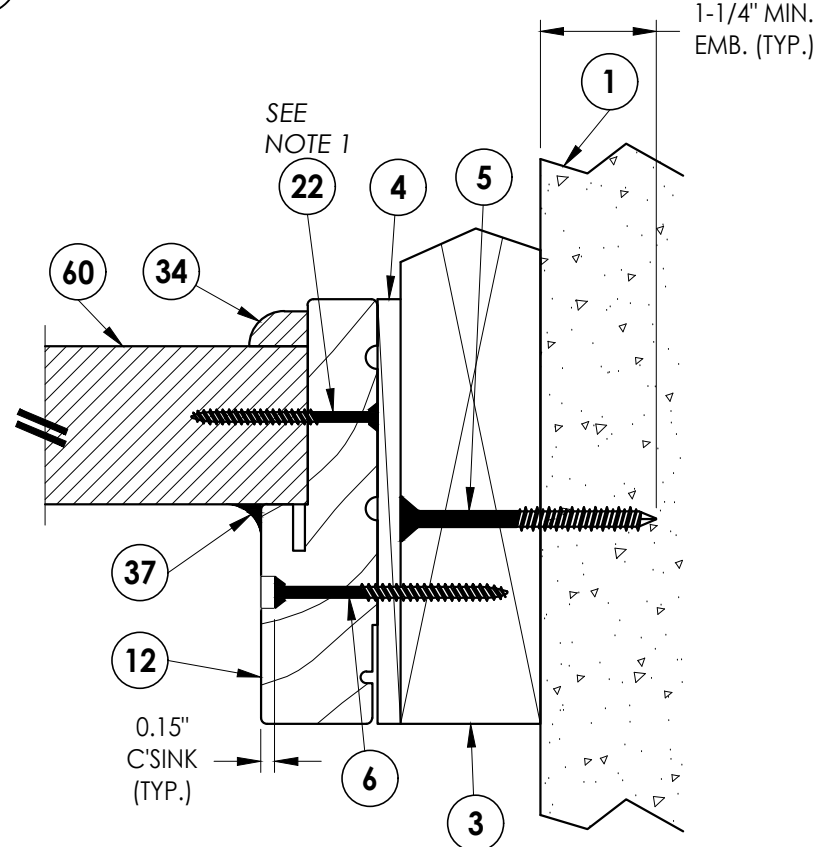


1
4 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



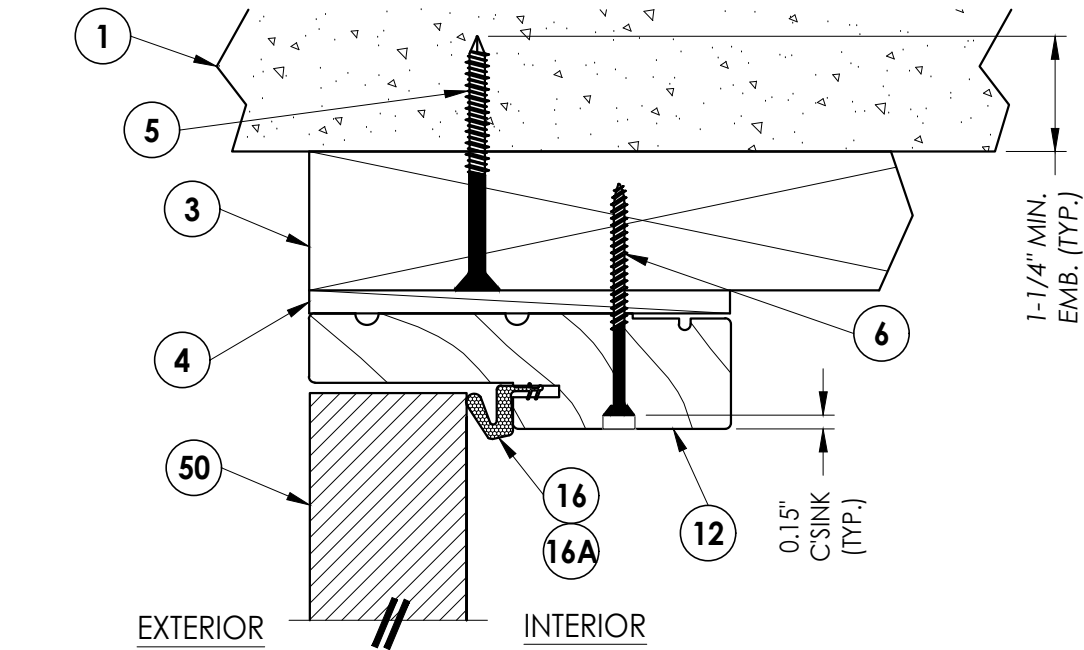
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4 **HORIZONTAL CROSS SECTION**
Outswing configuration



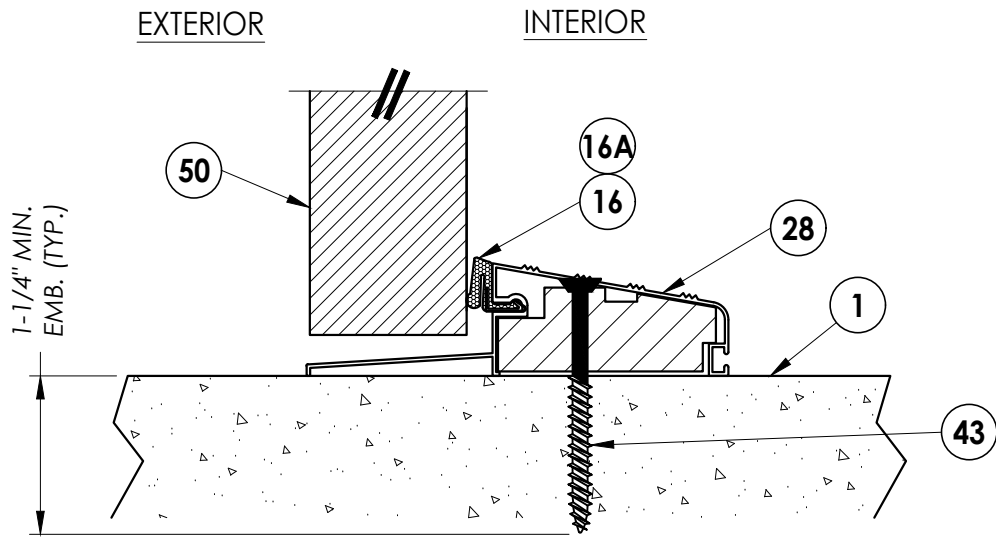
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4 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

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 CROSS SECTIONS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY
4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	DATE
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	DATE
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	DATE
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	DATE
NO.		DATE		REVISIONS	
DATE: 02/16/12		SCALE: N.T.S.		DWG. BY: JK	
CHK. BY: LFS		DRAWING NO.: FL-15213.4		SHEET 4 OF 9	

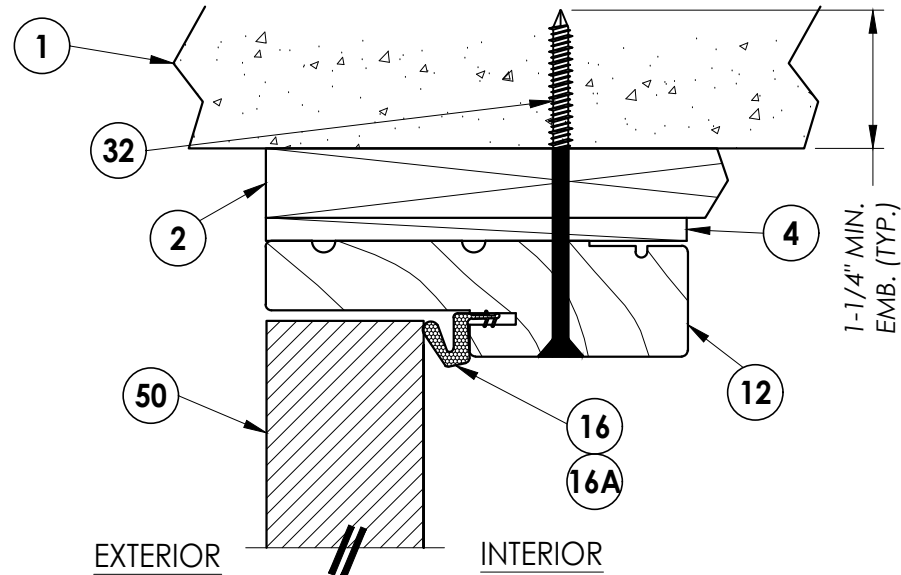
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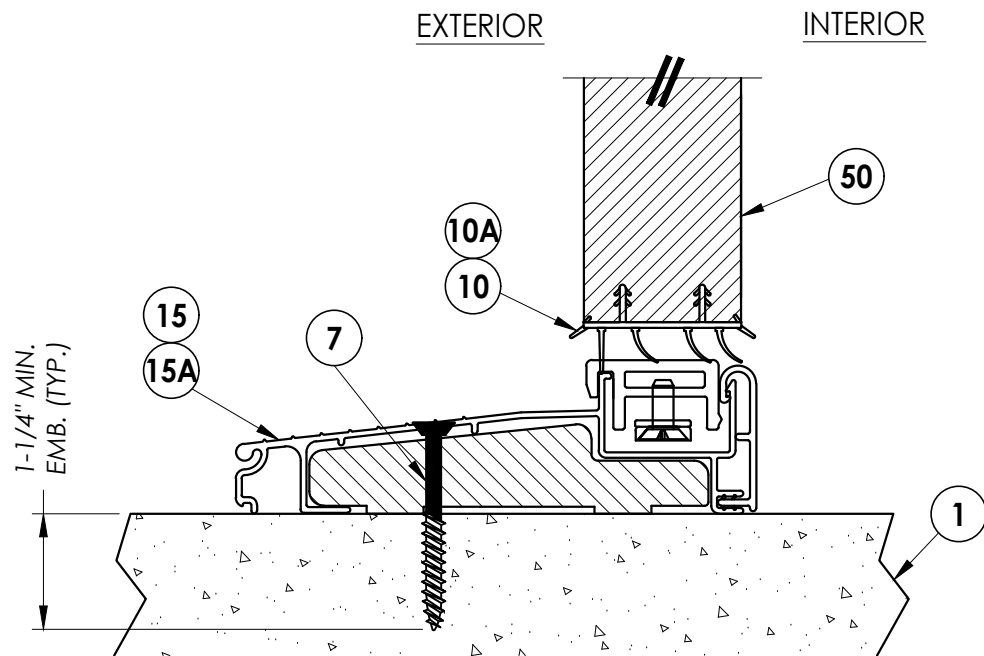
1
5 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



3
5 **VERTICAL CROSS SECTION**
Outswing configuration



2
5 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck



4
5 **VERTICAL CROSS SECTION**
Inswing configuration

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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

NO.	DATE	REVISIONS			
		BY	JK	LFS	LFS
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4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	LFS
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DATE: 02/16/12

SCALE: N.T.S.

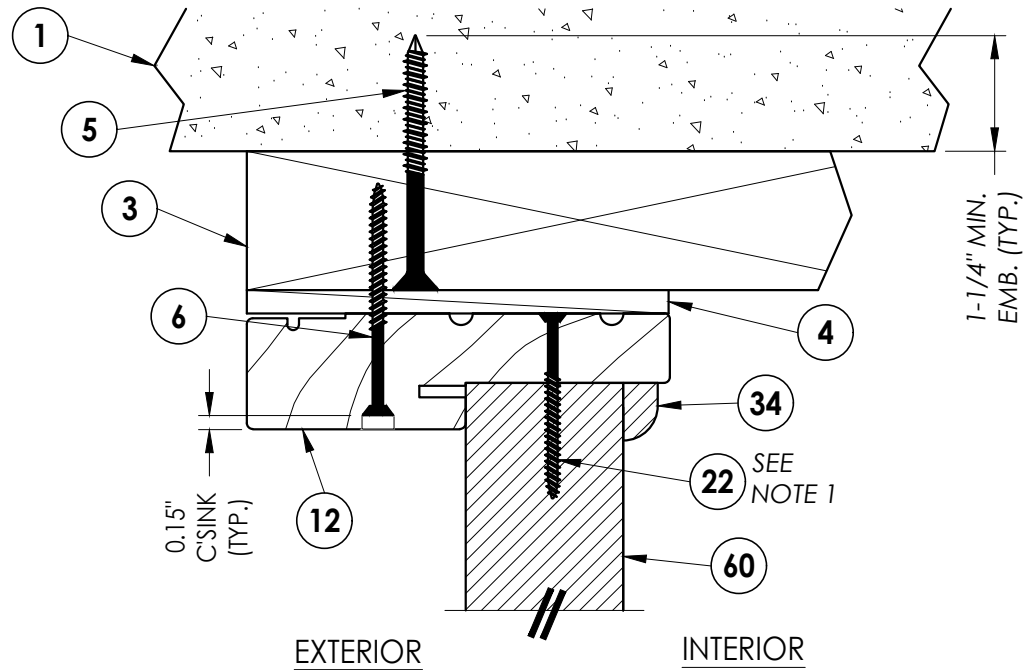
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CHK. BY: LFS

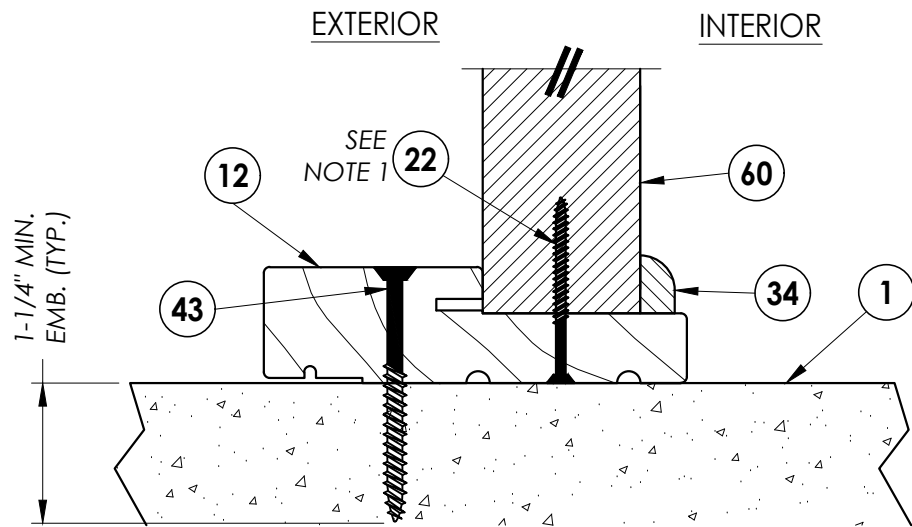
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SHEET 5 OF 9

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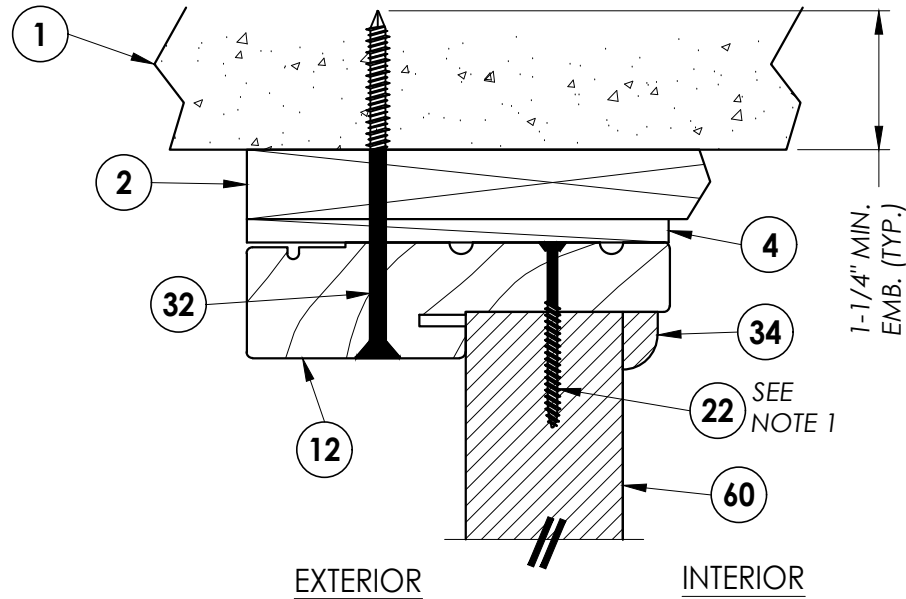


1 VERTICAL CROSS SECTION
6 Outswing shown - inswing also approved

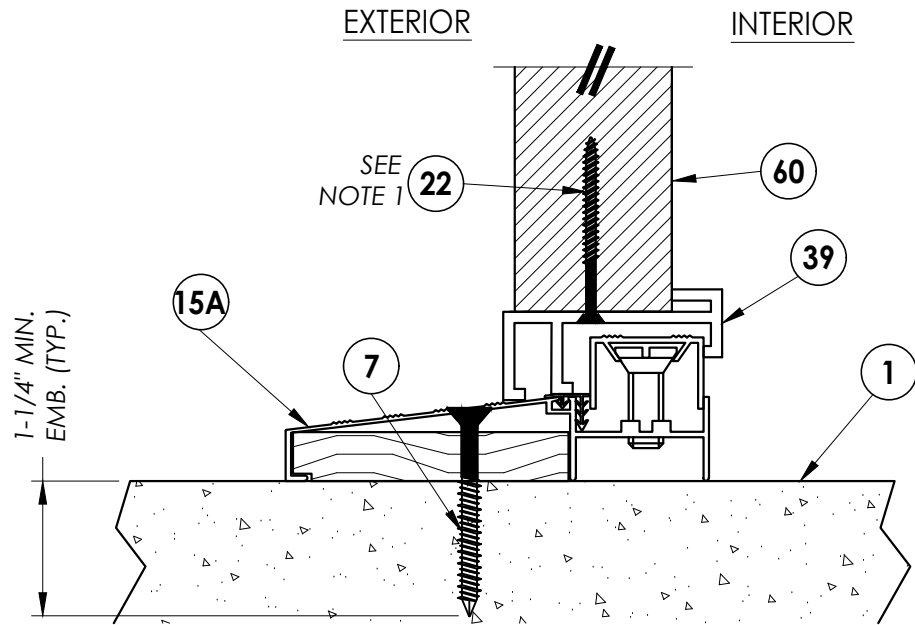


3 VERTICAL CROSS SECTION
6 Outswing configuration

NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck



4 VERTICAL CROSS SECTION
6 Inswing configuration

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PLASTPRO INC.
FIBERGLASS DOOR

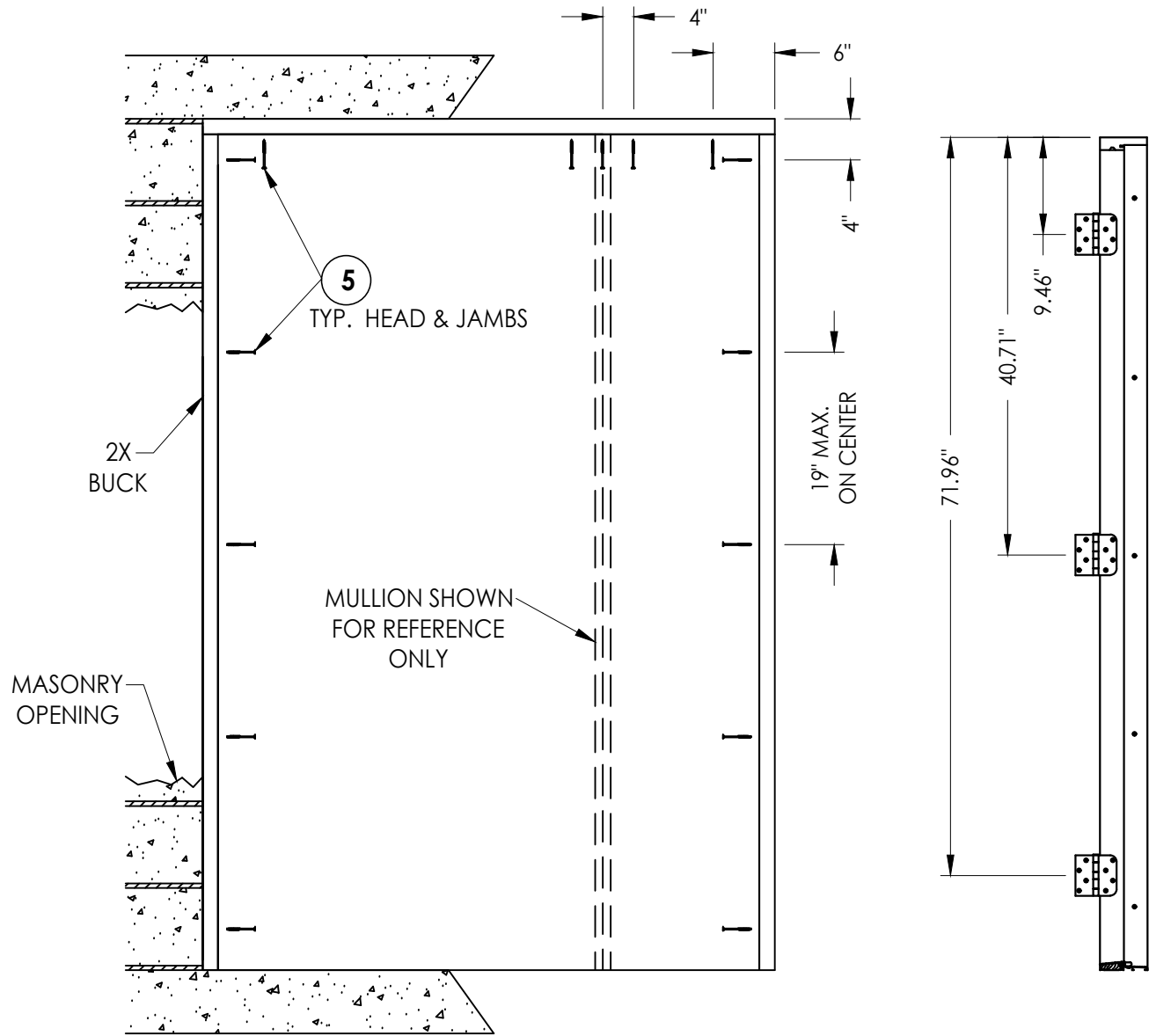
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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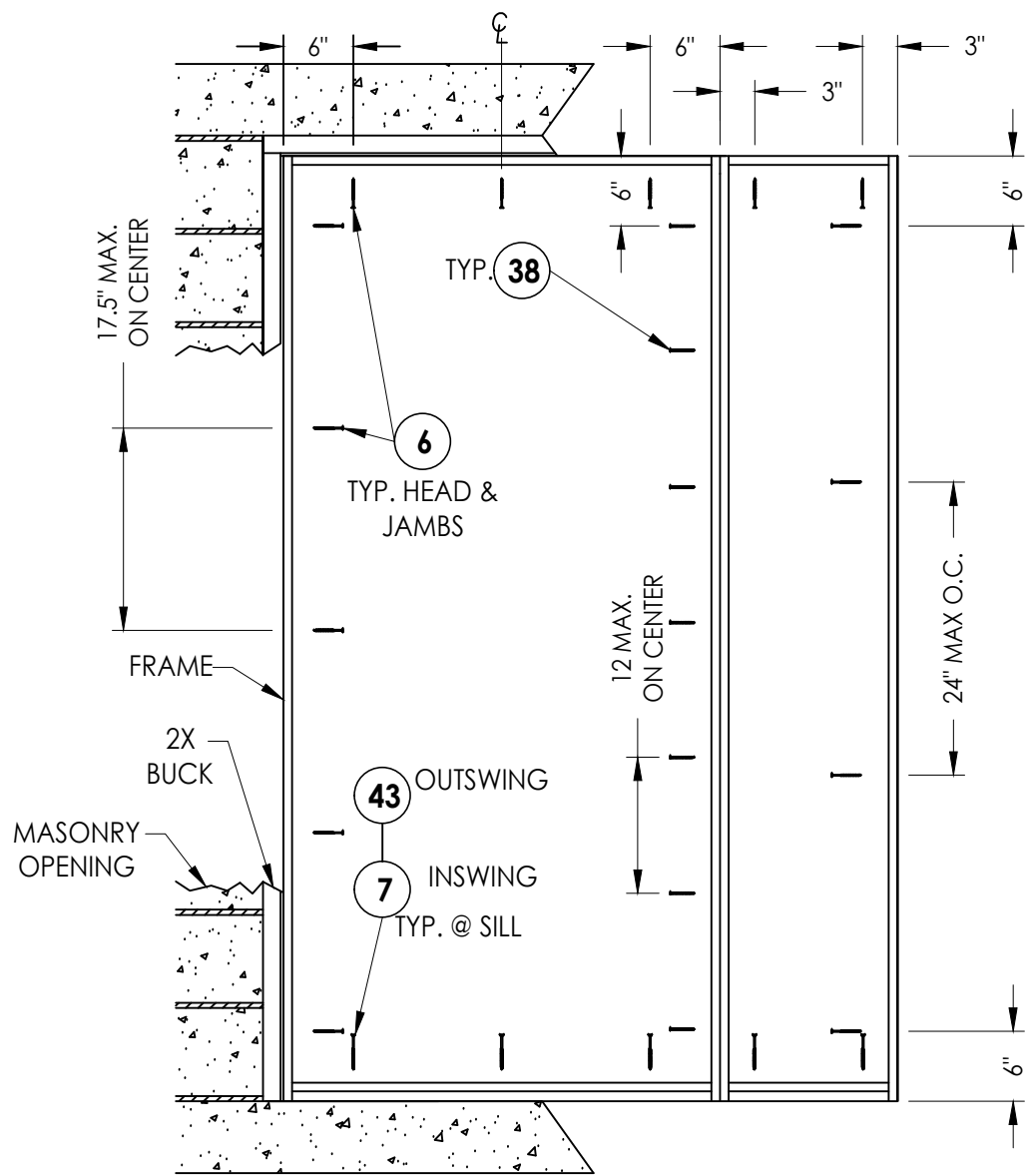
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1	10/4/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.4
SHEET 6 OF 9

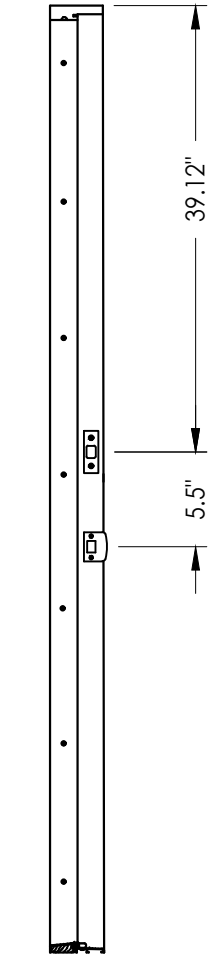
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BUCK ANCHORING

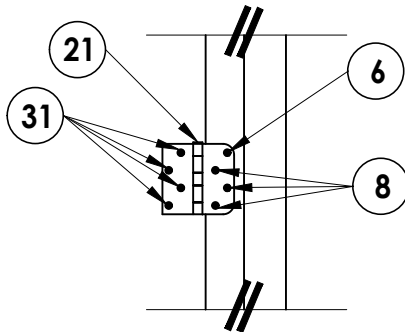


FRAME ANCHORING
Masonry 2X buck construction

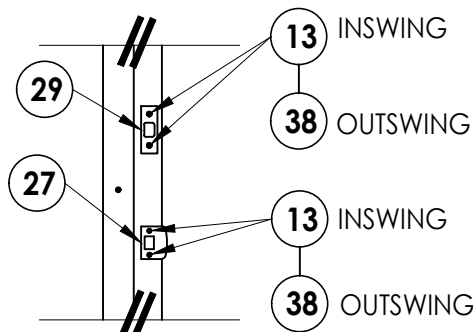


STRIKE JAMB

HINGE JAMB



HINGE JAMB



STRIKE PLATE DETAIL

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.

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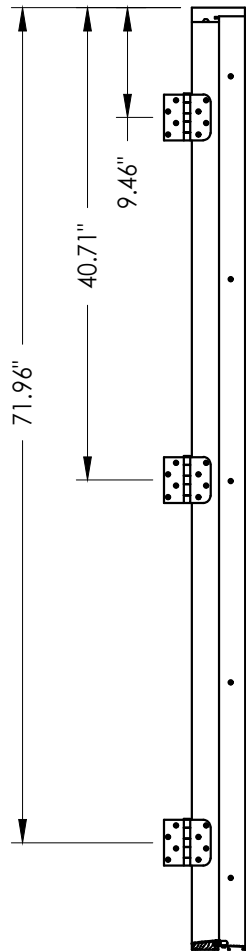
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
2X BUCK MASONRY CONSTRUCTION

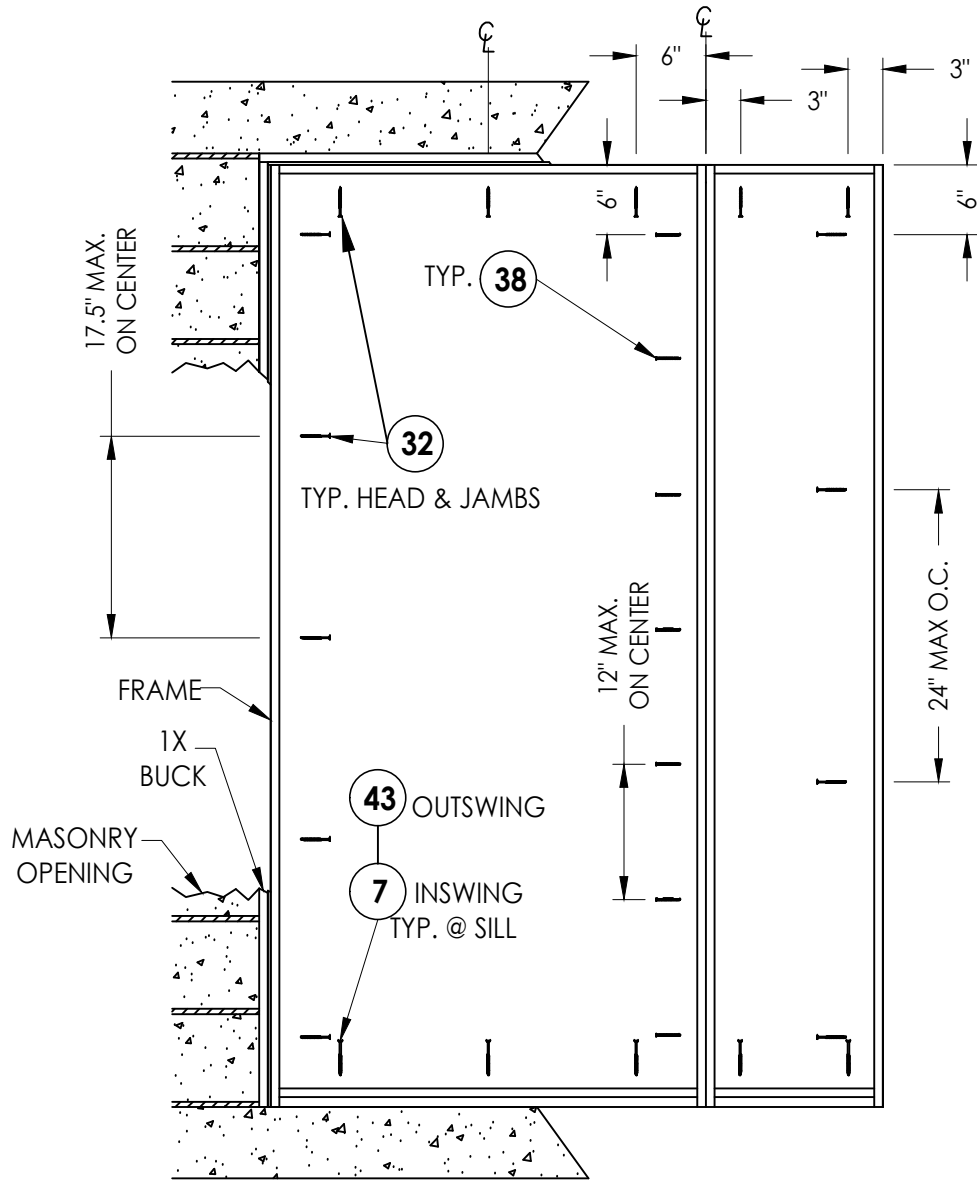
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3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
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1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

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CHK. BY: LFS
DRAWING NO.: FL-15213.4
SHEET 7 OF 9

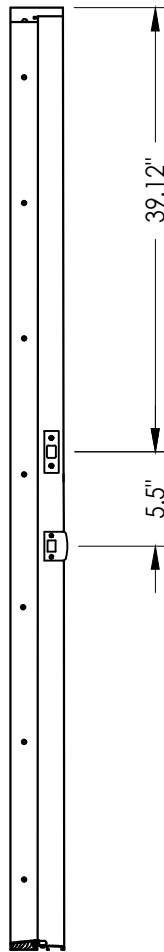
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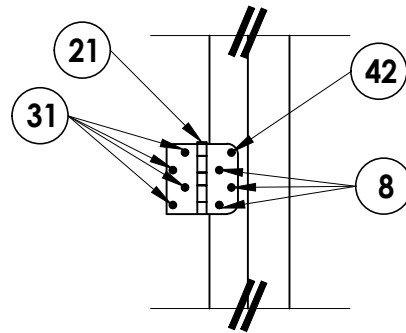
HINGE JAMB



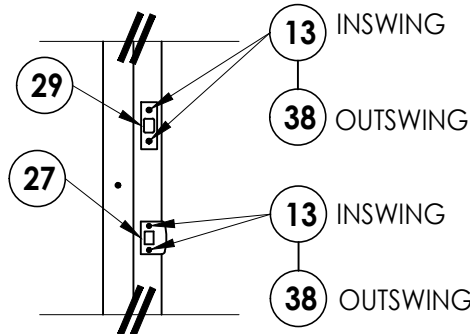
FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB



HINGE JAMB



STRIKE PLATE DETAIL

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

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P.E. No. 43409

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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
1X BUCK MASONRY CONSTRUCTION

		UPDATE TO 9TH ED. (2026)	FBC	LFS
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4	8/24/23	UPDATE TO 7TH ED. (2020)	FBC	LFS
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1	04/22/15			BY
NO.		DATE	REVISIONS	

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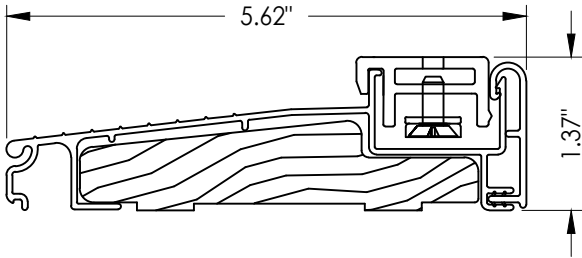
SHEET 8 OF 9

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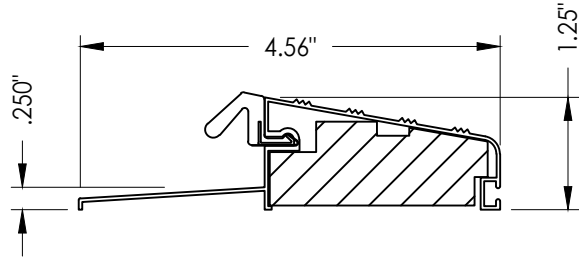
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
2	1X BUCK SG >= 0.55	WOOD
3	2X BUCK SG >= 0.55	WOOD
4	1/4" MAX. SHIM SPACE	-
5	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
6	#10 x 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
7	1/4" x 2-1/4" PFH ITW CONCRETE SCREW	STEEL
8	#9 x 3/4" PFH WOOD SCREW	STEEL
9	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
10	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
10A	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	VINYL
11	REINFORCEMENT WOOD FOR LOCK	WOOD
12	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
13	#9 x 2-1/4" PFH WOOD SCREW	STEEL
14	BOTTOM RAIL	CELLULAR PVC
15	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
15A	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
16	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
16A	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
19	CONTINUOUS SIDELITE STILE REINF.	WOOD
20	POLYURETHANE FOAM BY NANYA	POLYURETHANE
21	4" x 4" BUTT HINGE	STEEL
22	#8 x 2" PFH WOOD SCREW	STEEL
24	HINGE & LATCH STILE	CELLULAR PVC
25	TOP RAIL	CELLULAR PVC
26	SIDELITE STILE	CELLULAR PVC
27	STRIKE PLATE	STEEL
28	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
29	DEADBOLT STRIKE PLATE	STEEL
30	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
31	#9 x 1" PFH WOOD SCREW	STEEL
32	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
33	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
34	SHOE MOULD 5/8" x 3/8"	WOOD
35	GLAZING COMPOUND	SILICONE
36	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL
37	SEALANT	SILICONE
38	#9 x 2" PFH WOOD SCREW	STEEL
39	SIDELITE SPACER	PVC
40	HINGE & LATCH STILE REINFORCEMENT	LVL
41	GLAZING SPACER	ALUM.
42	1/4" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
43	1/4" x 2-3/4" PFH ITW CONCRETE SCREW	STEEL
50	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE DOOR PANEL DETAIL SHEET 3	-

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

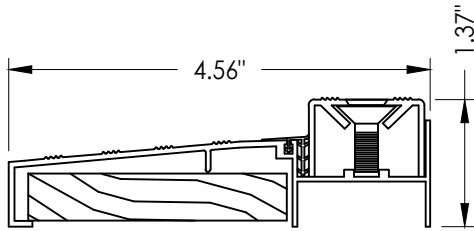
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



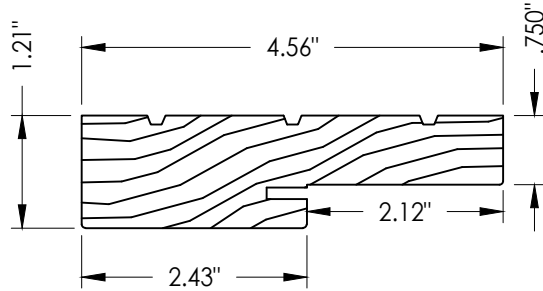
15 ADJUSTABLE INSWING SILL



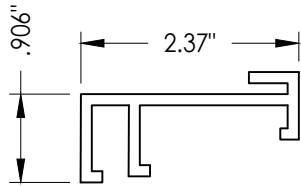
28 OUTSWING BUMP THRESHOLD



15A ADJUSTABLE INSWING SILL



12 JAMB



39 SIDELITE SPACER

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:		BILL OF MATERIALS AND COMPONENTS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
		NO. DATE		BY			
REVISIONS							
DATE: 02/16/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15213.4							
SHEET 9 OF 9							