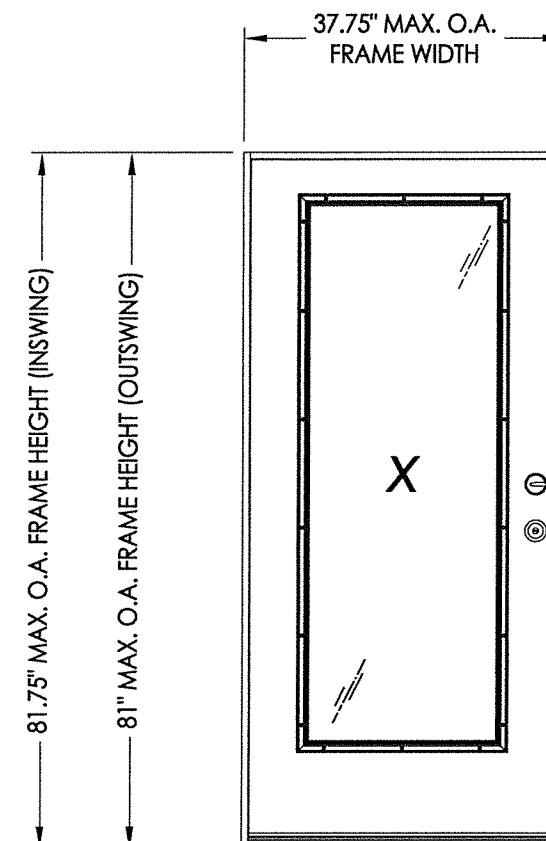


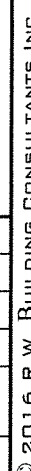


1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.

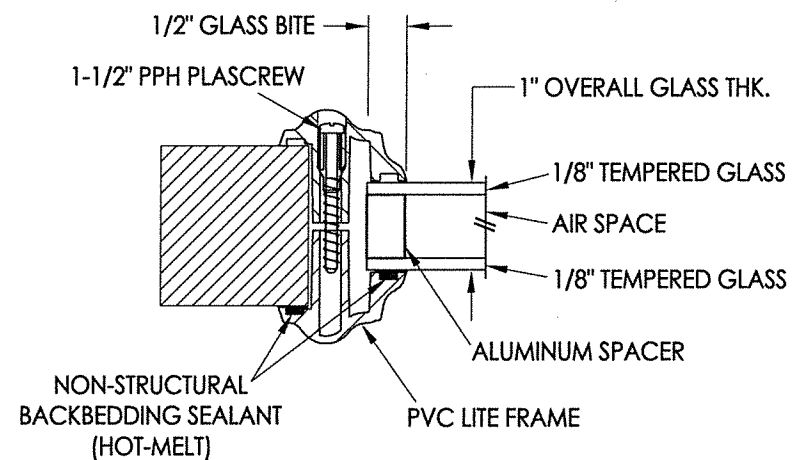
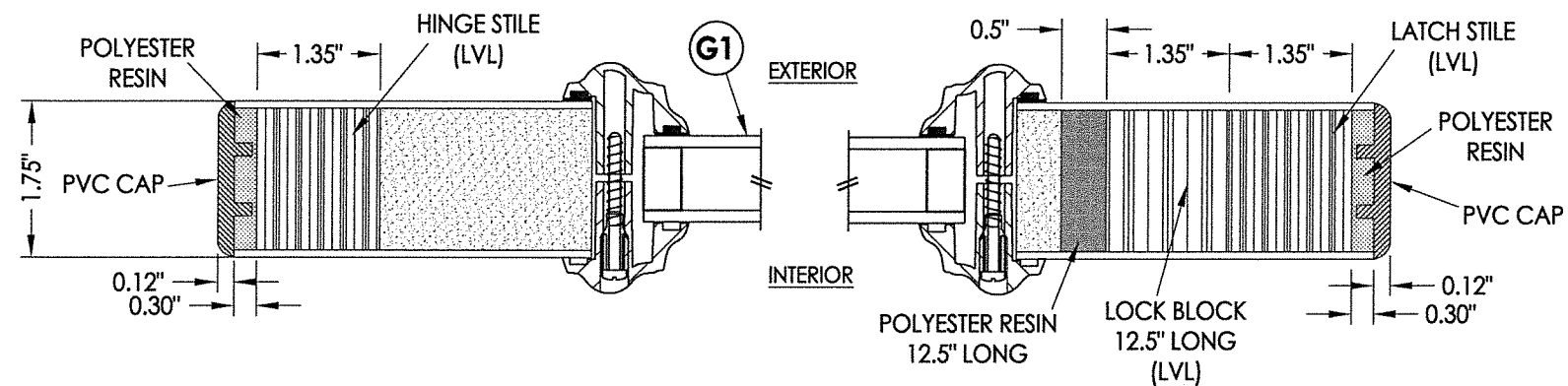
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)
7	Buck & Frame Anchoring
8	Bill of Materials & Components



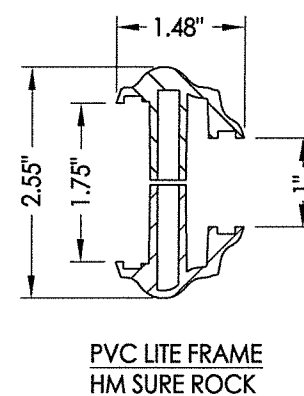
CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.75" x 81.75"	+45.0	-45.0	+45.0	-45.0



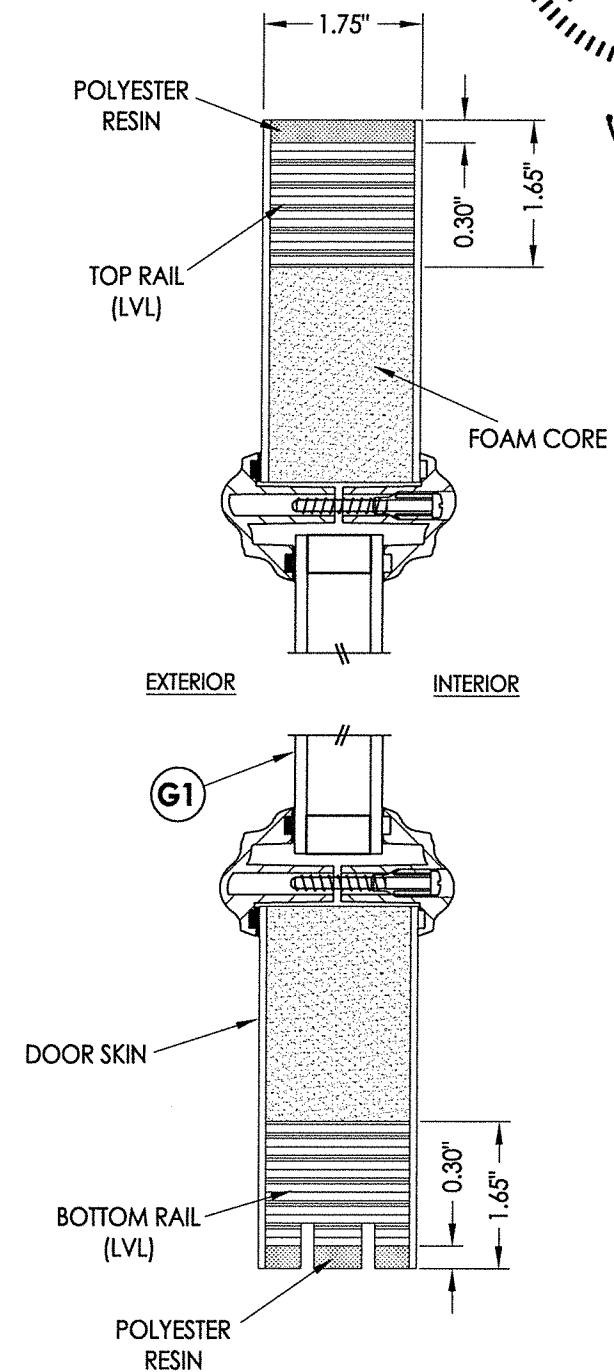
1 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	Signature Series
	DEADBOLT:	Signature Series (980)
SCHLAGE	KNOB:	F Series (F51)
	DEADBOLT:	B Series (B60N)



2 VERTICAL CROSS SECTION

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30, Valrico, FL 33595
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ry No. 9813

8/04/2020

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: SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

[illegible]

DATE: 5/17/16

SCALE: N.T.S.

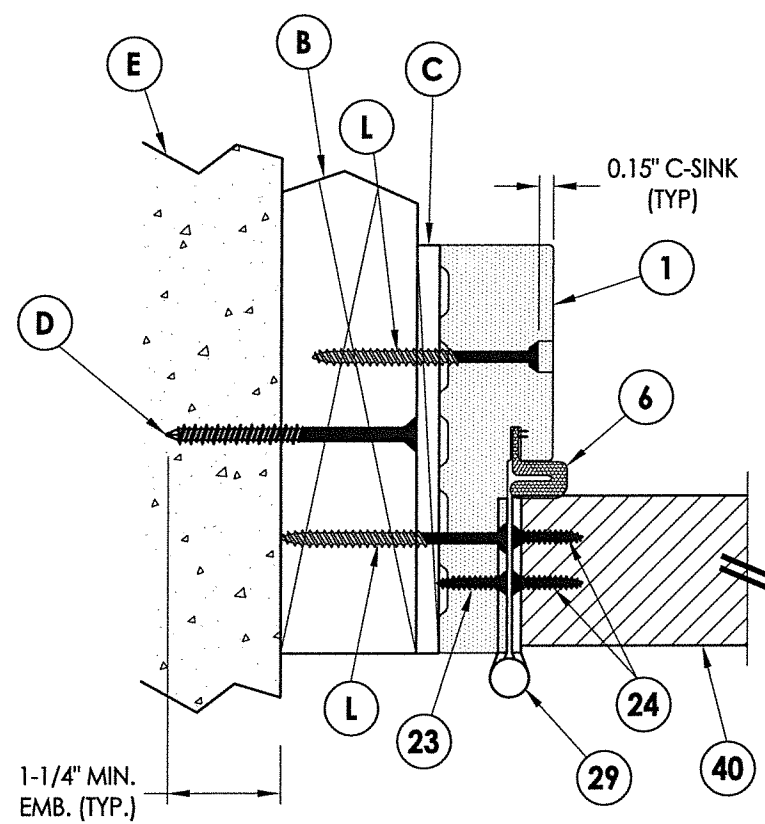
DWG. BY: JK

CHK. BY: LFS

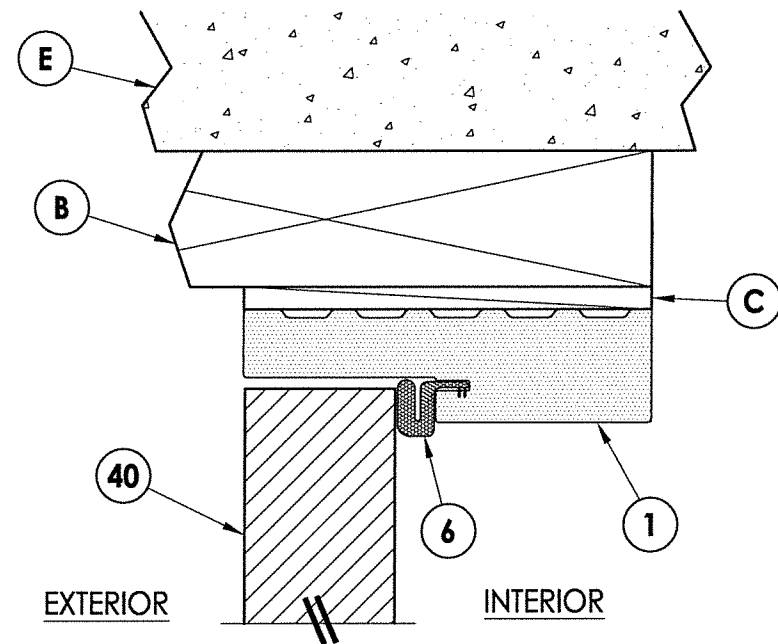
DRAWING NO.:

FL-20474.4

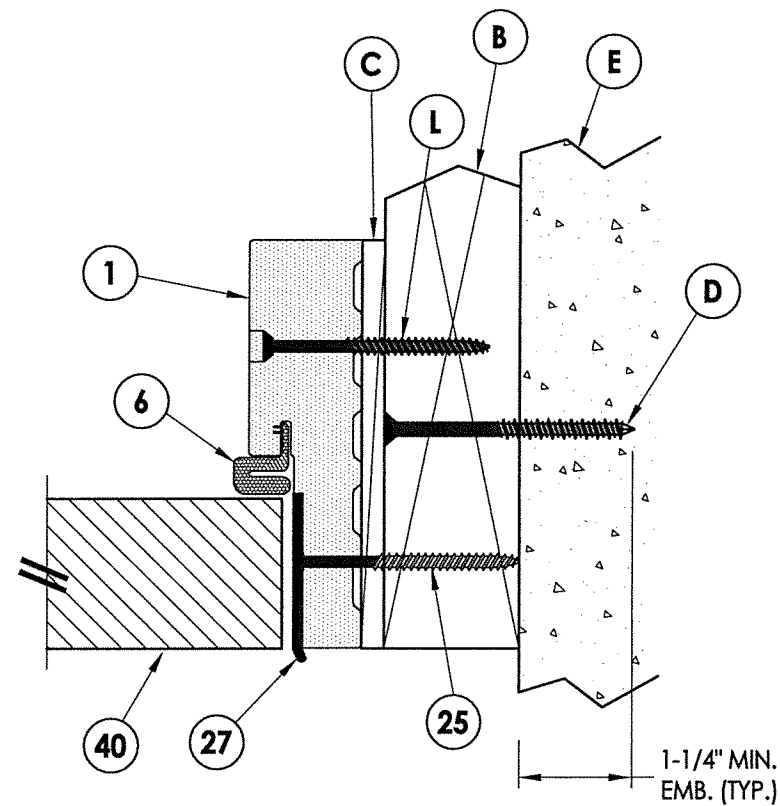
SHEET 2 OF 8



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



1 VERTICAL CROSS SECTION
3 Outswing shown (Inswing similar)

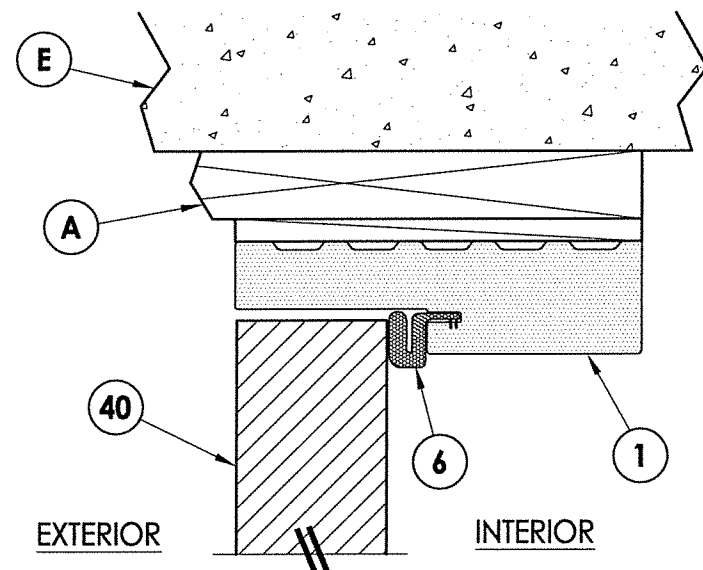


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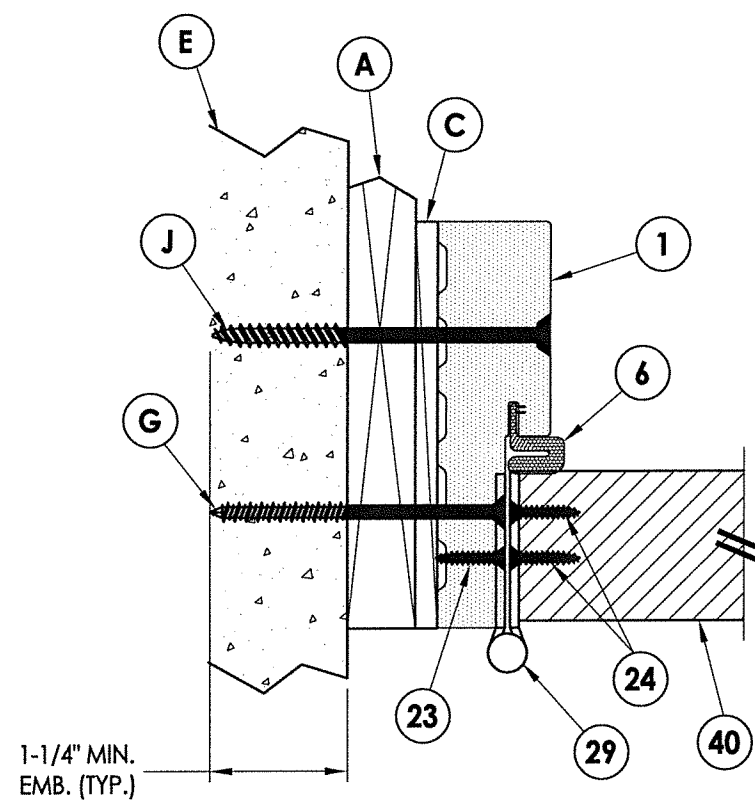
8/04/2020

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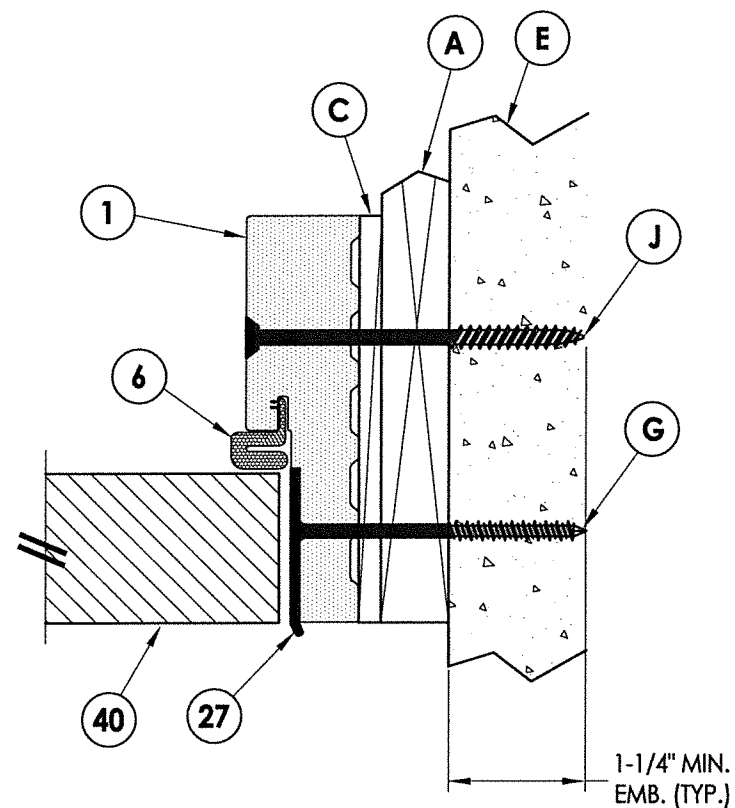
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



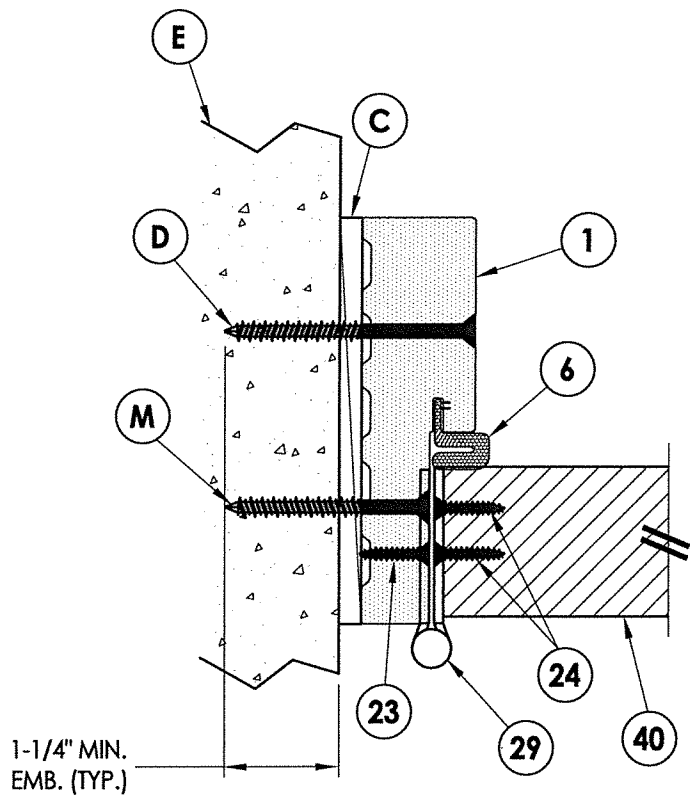
1 VERTICAL CROSS SECTION
4 Outswing shown (Inswing similar)



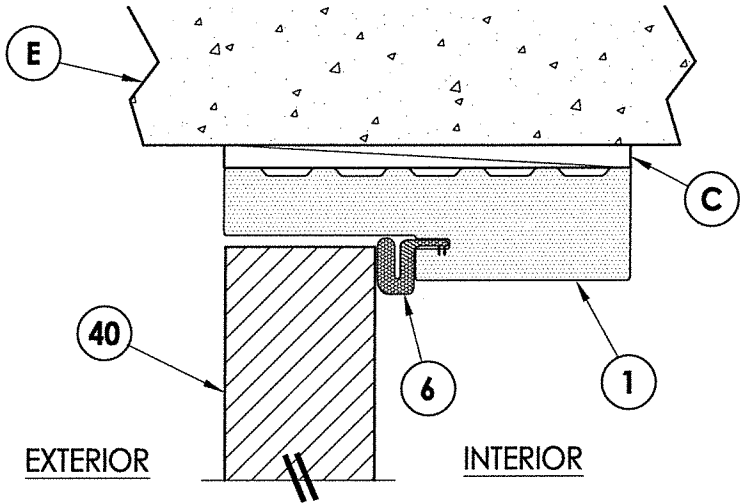
2 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



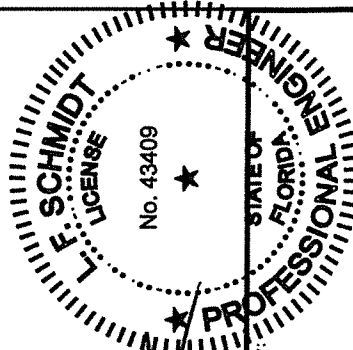
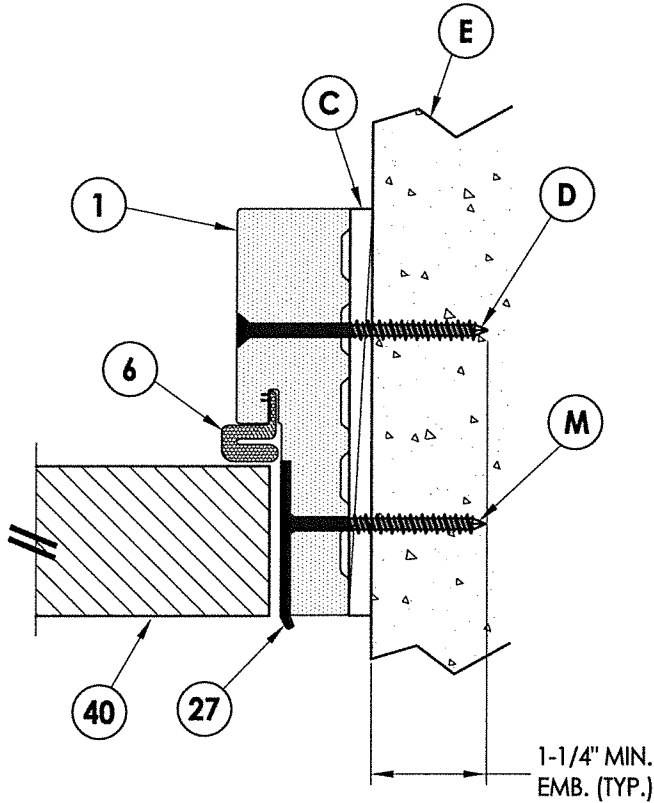
DATE: 5/17/16		PRODUCT: SURE ROCK FIBERGLASS DOORS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20474.4			
SHEET 4 OF 8	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)		



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



1
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



[Signature]

8/04/2020

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

PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
DATE:		5/17/16	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-20474.4	
SHEET		5	OF 8
REVISIONS			
NO.	DATE	BY	
2	8/04/20	LFS	UPDATE TO 7TH ED. (2020) FBC
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC

This diagram shows the exterior side of the window assembly. It features a vertical hatched section labeled 40, which is the exterior wall. A small rectangular component labeled 6 is mounted on the wall. Below the wall, a horizontal section labeled 14 is shown, which is part of the window frame or sill. The entire assembly is mounted on a base labeled E, which is a textured surface with small triangular markers.

		8/04/2020 <i>[Signature]</i>		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	
		8/04/2020		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		SURE ROCK FIBERGLASS DOORS		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
DATE: 5/17/16		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-20474.4		SHEET <u>6</u> OF <u>8</u>		NO. DATE		REVISIONS	
2 8/04/20 UPDATE TO 7TH ED. (2020) FBC LFS		1 8/03/17 UPDATE TO 6TH ED. (2017) FBC LFS		NO. DATE		REVISIONS	

Diagram illustrating the vertical placement of buckles (L, J, D) and the resulting masonry (JAMBS (TYP.)).

- The wall is labeled **FRAME (TYP.)** on the left.
- The vertical spacing between the buckles is indicated as **6" (TYP.)**.
- The distance from the bottom buckle to the bottom of the wall is indicated as **14" MAX. O.C. (TYP.)**.
- The buckles are labeled:
 - L** 2X BUCK
 - J** 1X BUCK
 - D** DIRECT TO MASONRY
- The resulting masonry is labeled **JAMBS (TYP.)**.

LATCH AND DEADBOLT STRIKE PLATE DETAILS

11.25" FROM TOP OF FRAME

28.5" O.C. (TYP.)

M DIRECT TO MASONRY

G 1X BUCK

L 2X BUCK

29

24

23

HINGE DETAIL

HINGE JAMB

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"

8/04/2020

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P.E. No. 43409

LF

**L. F. SCHMIDT
LICENSE**

No. 43409

**STATE OF
FLORIDA
PROFESSIONAL ENGINEER**

RW

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BUILDING CONSULTANTS, INC.
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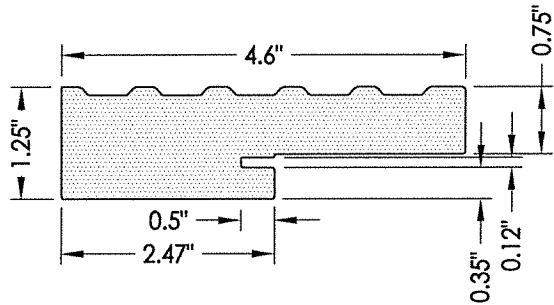
PRODUCT: SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

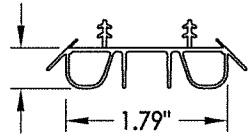
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SHEET 7 OF 8

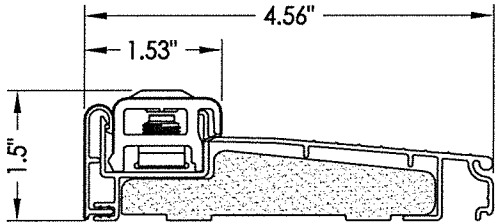
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR 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" PFH ITW CONCRETE SCREW	STEEL
1	FRAME (SURE JAMB)	COMP
6	WEATHERSTRIP (Q-LON)	FOAM
8	SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-



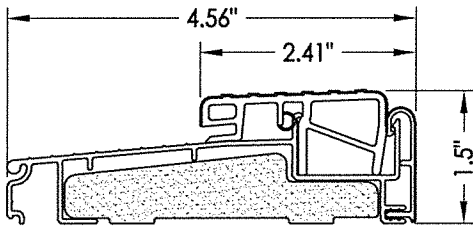
1 FRAME
Sure Jamb



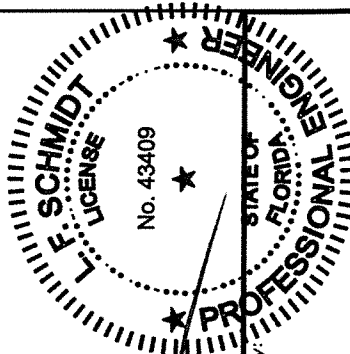
8 SWEEP



13 INSWING THRESHOLD
ENDURA (Z-SERIES)



14 OUTSWING THRESHOLD
ENDURA (Z-SERIES)



8/04/2020

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

PRODUCT:
SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS		
		DATE	BY	DESCRIPTION
2	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	8/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS

DATE: 5/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20474.4

SHEET 8 OF 8