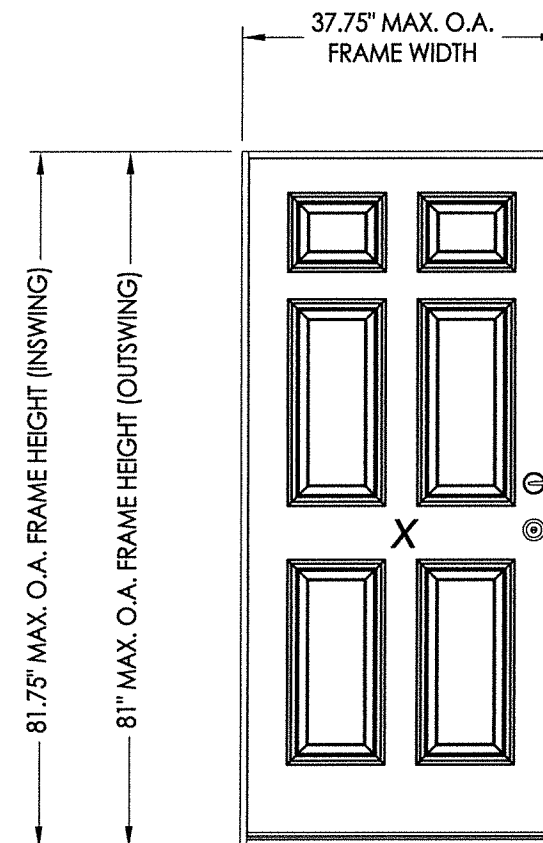


GENERAL NOTES

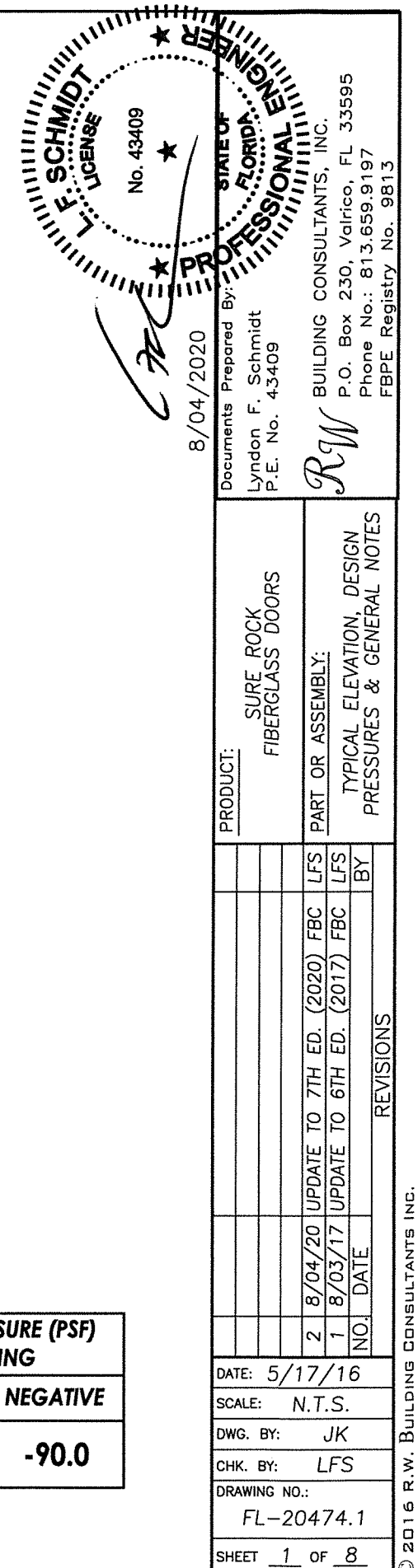
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be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

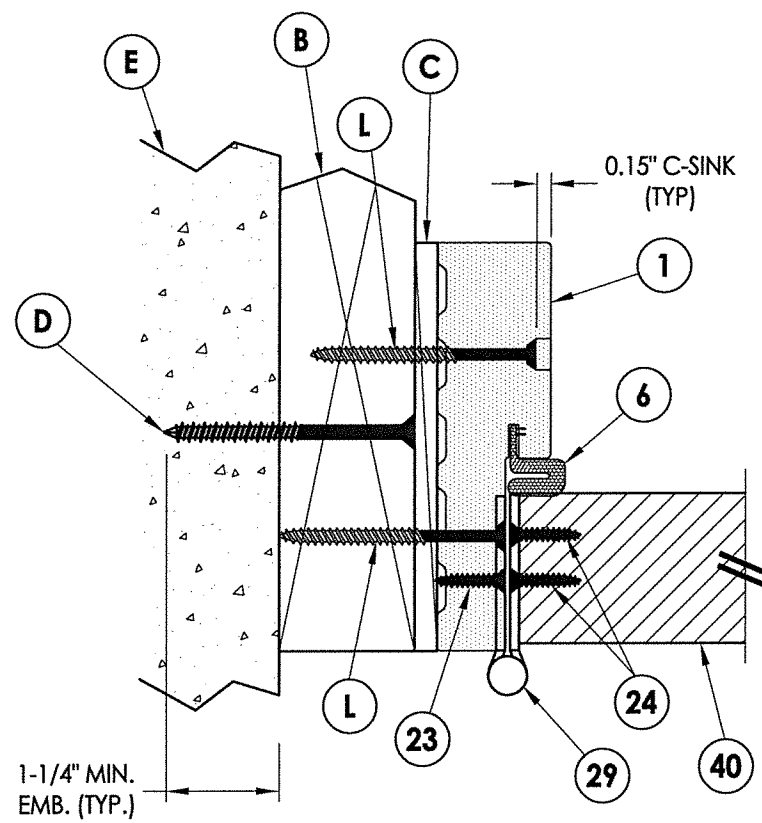
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)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



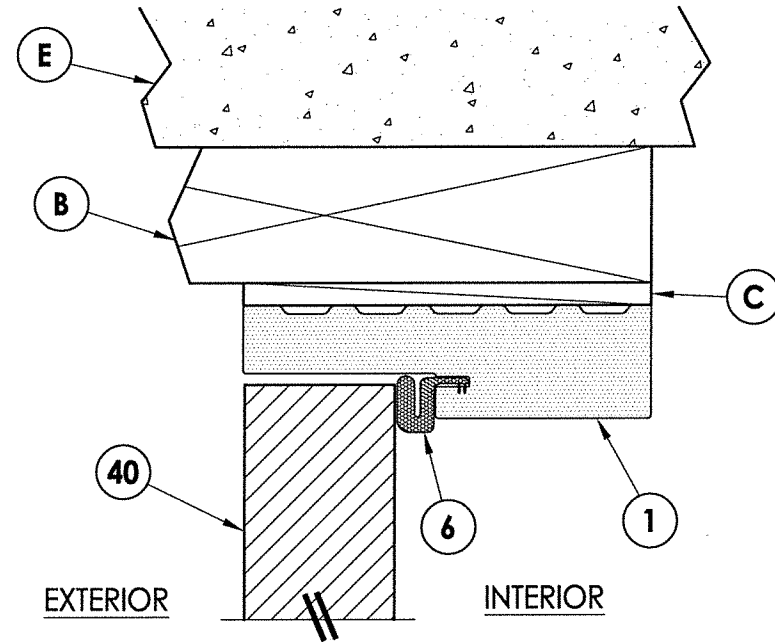
CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.75" x 81.75"	+90.0	-90.0	+90.0	-90.0

See Sheet 2 for Hardware Design Pressure Limitations

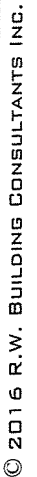
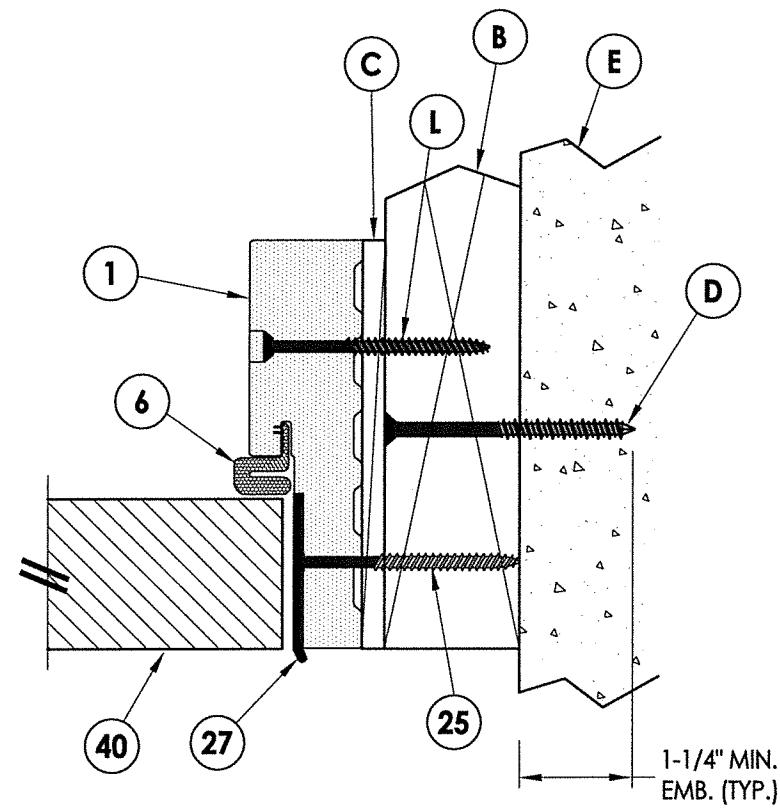


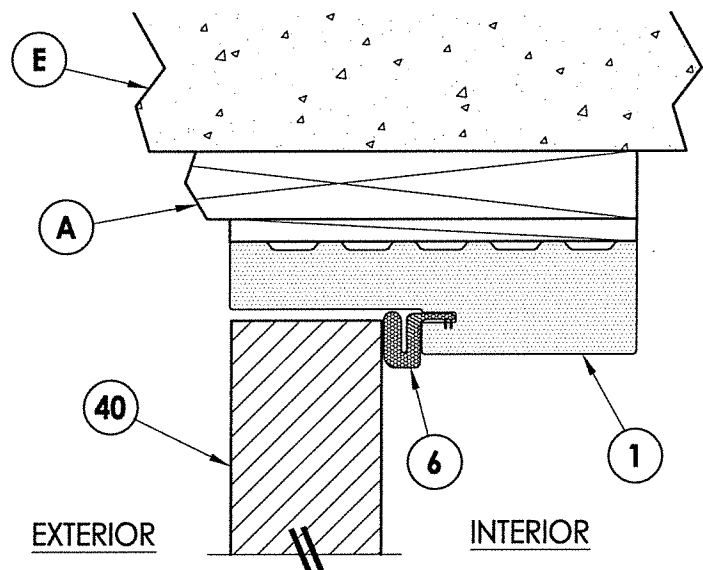


2 HORIZONTAL CROSS SECTION
3 Outswing shown (Inswing similar)

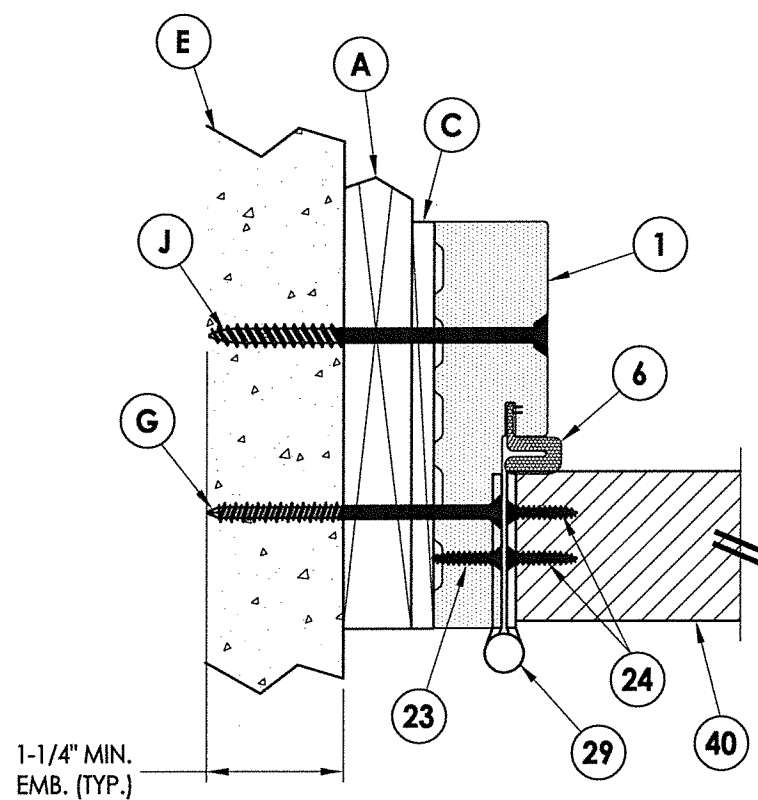


1 VERTICAL CROSS SECTION
3 Outswing shown (Inswing similar)

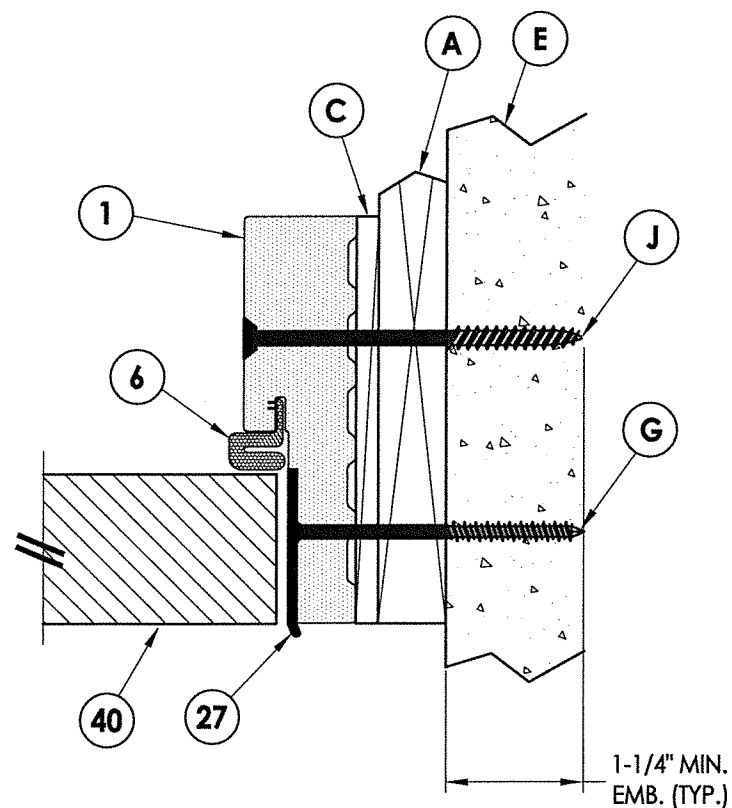




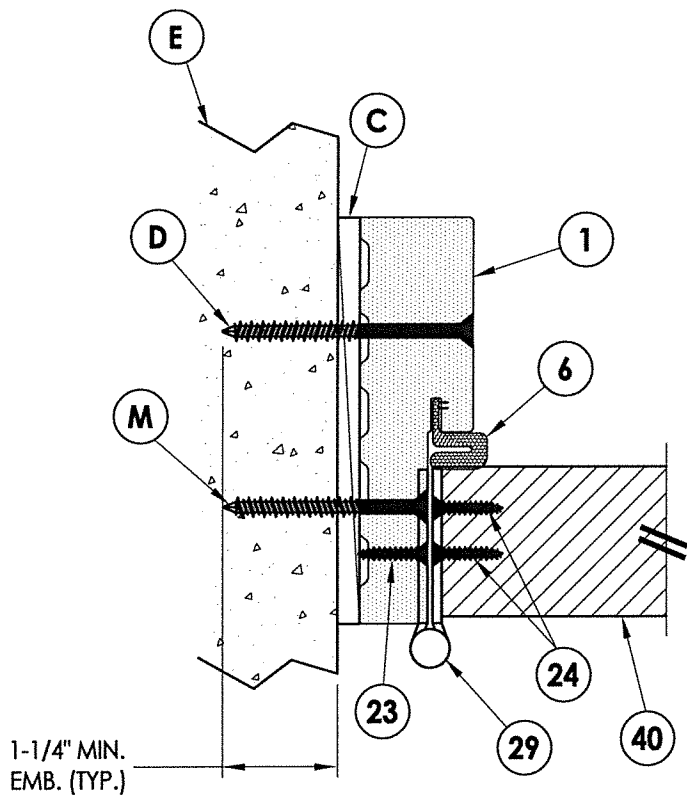
1 **VERTICAL CROSS SECTION**
4 Outswing shown (Inswing similar)



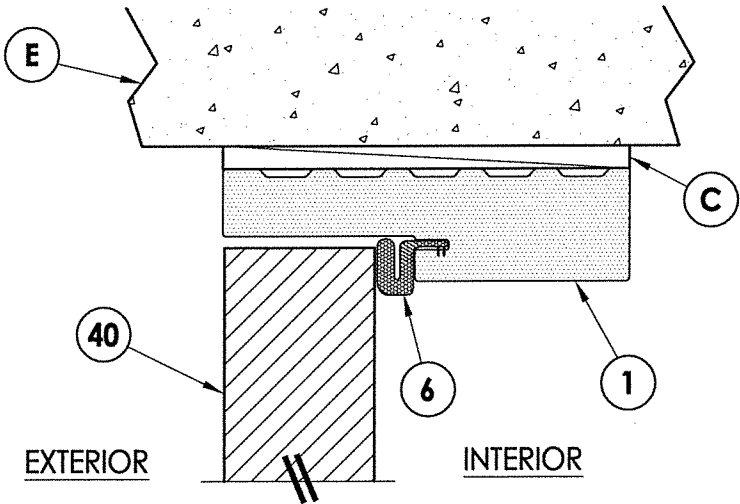
2 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



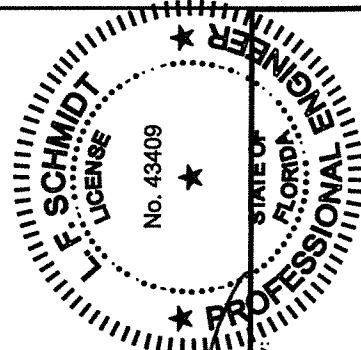
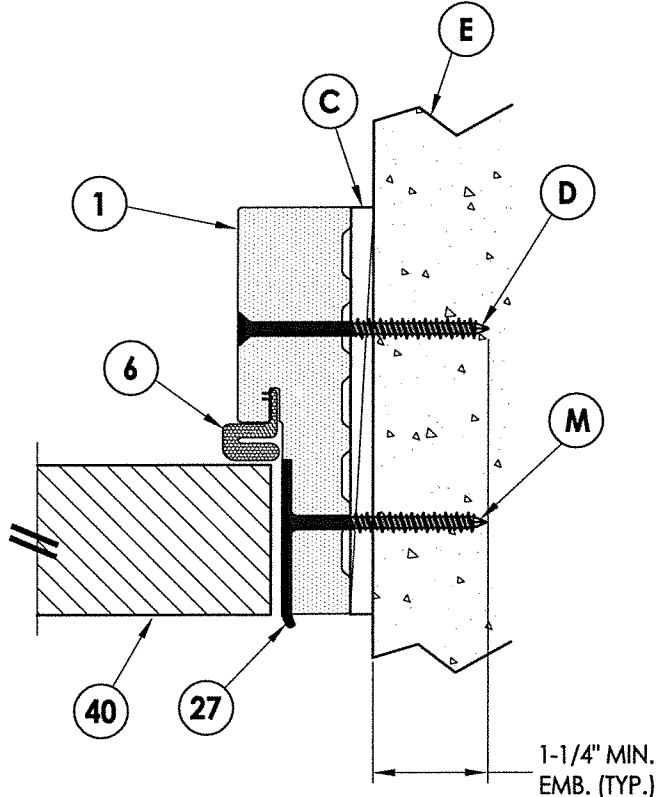
DATE: 5/17/16		PRODUCT: SURE ROCK FIBERGLASS DOORS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20474.1			
SHEET 4 OF 8		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	



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



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

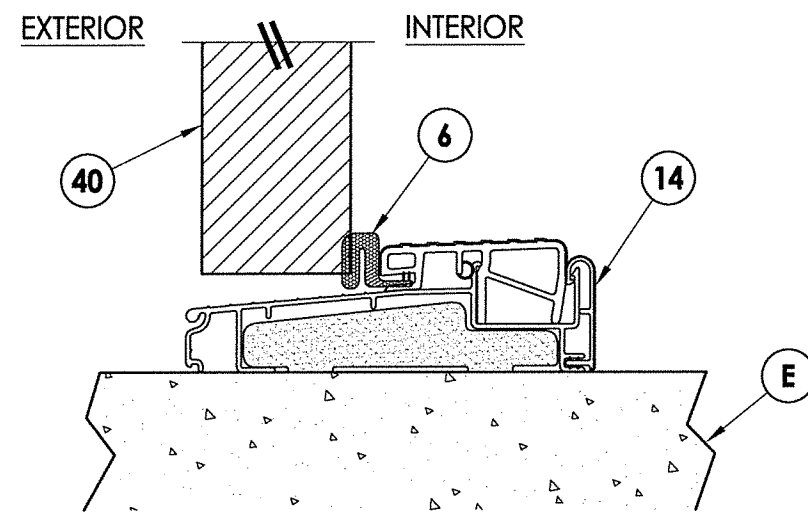


8/04/2020
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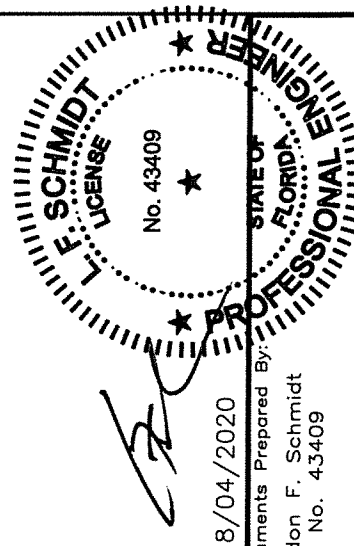
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
DATE:		8/04/20	UPDATE TO 7TH ED. (2020)
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-20474.1	
SHEET		5	OF 8
REVISIONS			
NO.	DATE	BY	
2	8/04/20	LFS	UPDATE TO 7TH ED. (2020)
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017)

1 **VERTICAL CROSS SECTION**
6 Inswing Threshold



2 VERTICAL CROSS SECTION



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

PRODUCT: SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:

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

DEVISIONS

DATE: 5/17/16

SCALE: N.T.S.

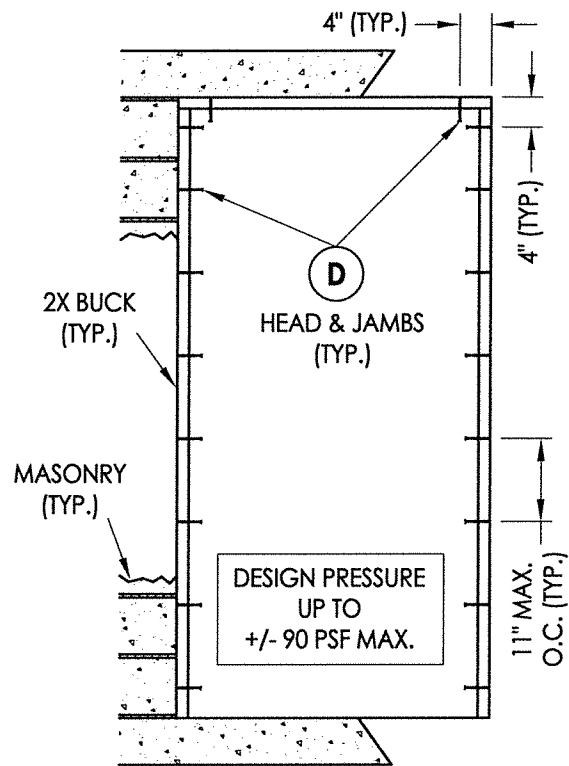
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CHK. BY: LFS

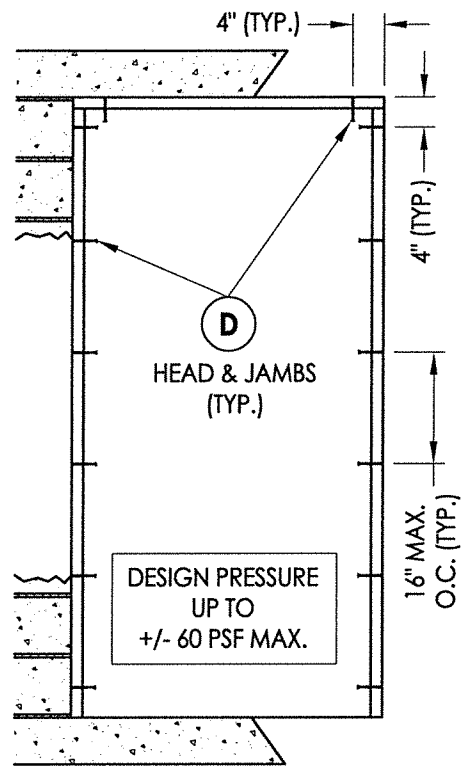
DRAWING NO.:
FL-20474.1

SHEET 6 OF 8

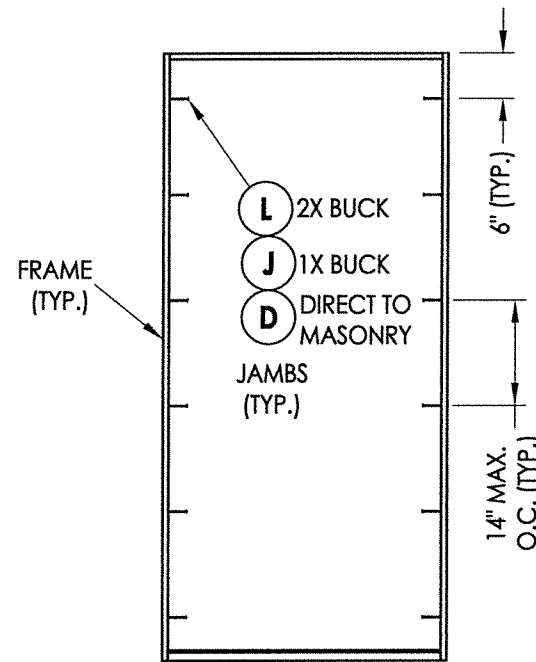
R:\Clients\HM Sure Rock PERMANENT\A - Florida Product Approvals\FL-20474 - Drawings\FL-20474.1-3.dwg, 7.1



2X BUCK ANCHORING



2X BUCK ANCHORING



FRAME ANCHORING

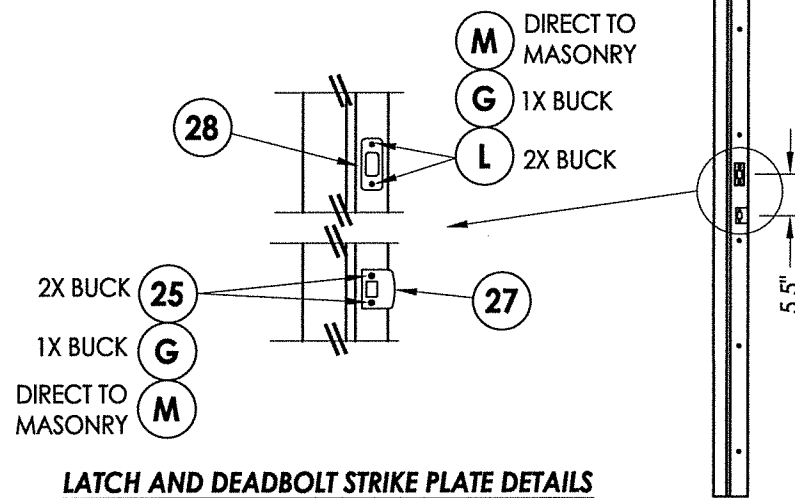
CONCRETE ANCHOR NOTES:

- 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"

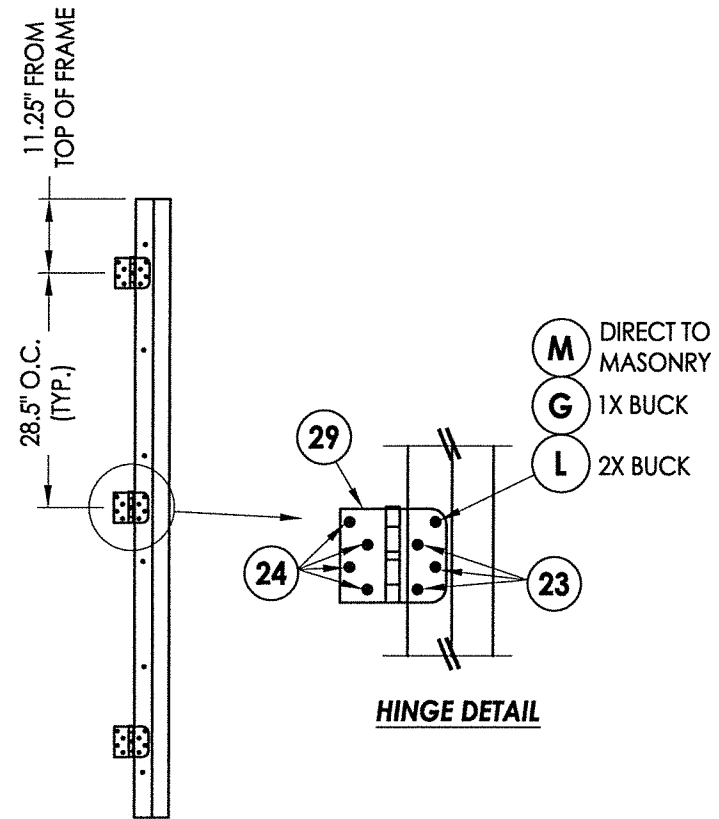
WOOD SCREW INSTALLATION NOTES:

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

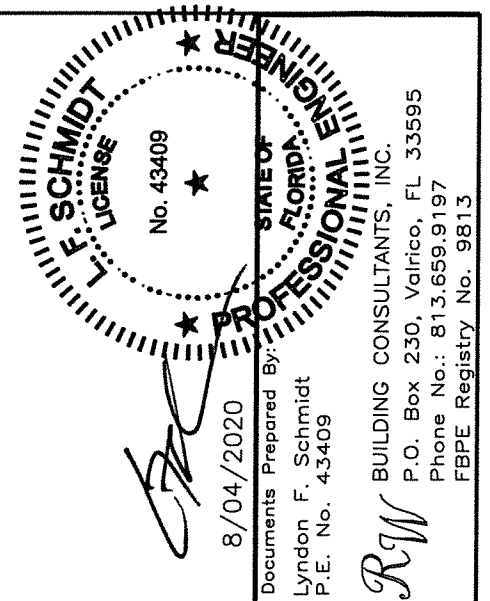


LATCH AND DEADBOLT STRIKE PLATE DETAILS

STRIKE JAMB



HINGE JAMB



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8/04/2020
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	BY	REVISIONS
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.

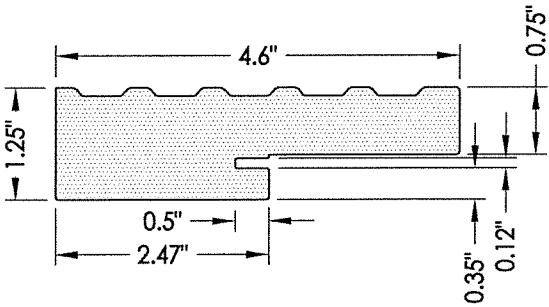
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CHK. BY: LFS

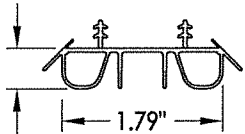
DRAWING NO.: FL-20474.1

SHEET 7 OF 8

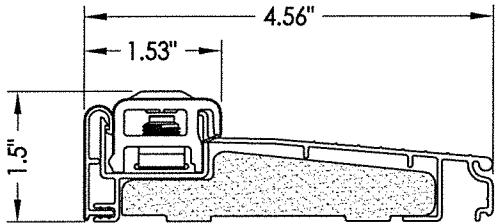
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" 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	-



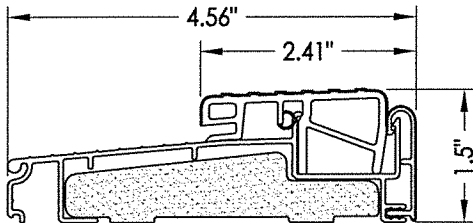
1 FRAME
Sure Jamb



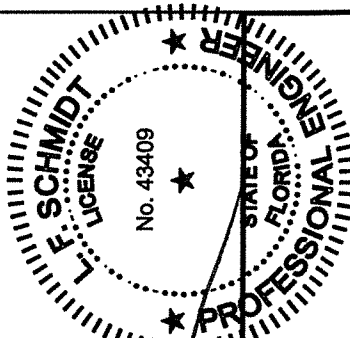
8 SWEEP



13 INSWING THRESHOLD
ENDURA (Z-SERIES)



14 OUTSWING THRESHOLD
ENDURA (Z-SERIES)



8/04/2020

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FBPE Registry No. 9813

PRODUCT:

SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

DATE: 5/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20474.1

SHEET 8 OF 8