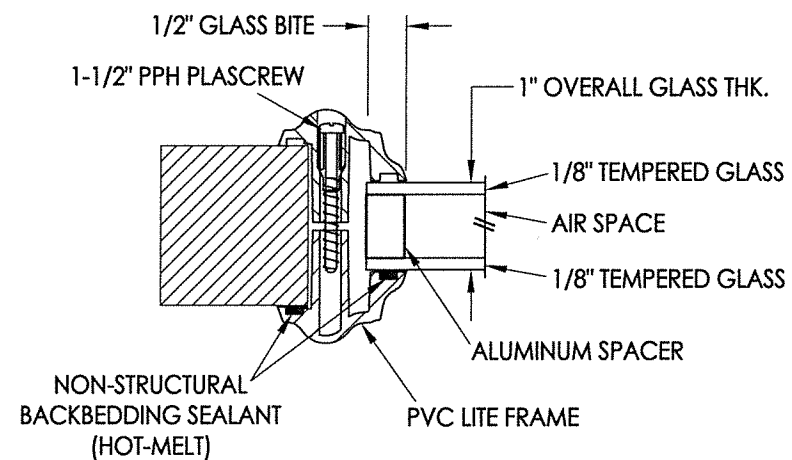
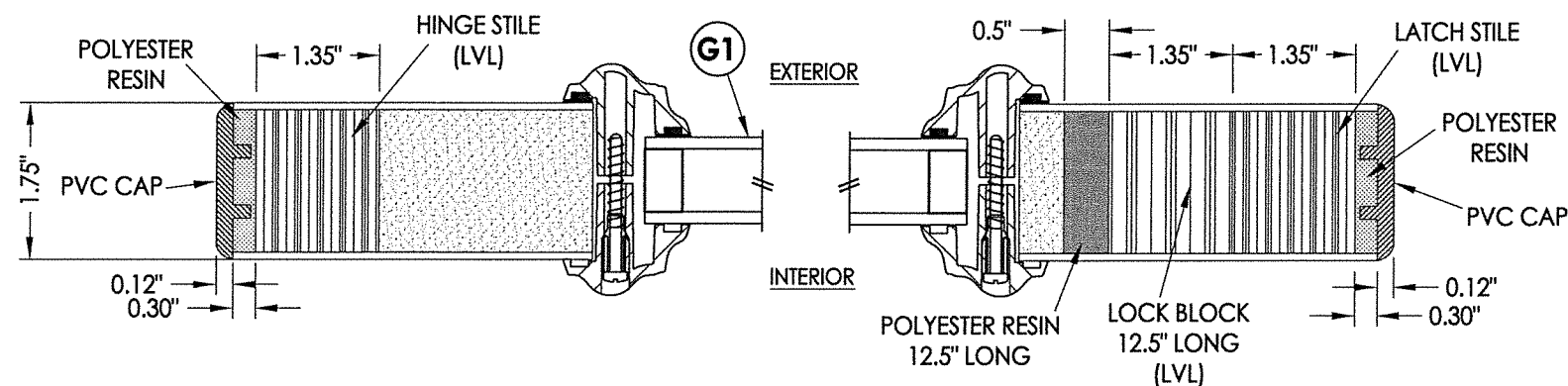
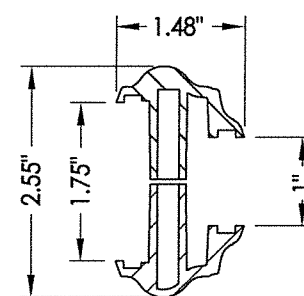




1 HORIZONTAL CROSS SECTION

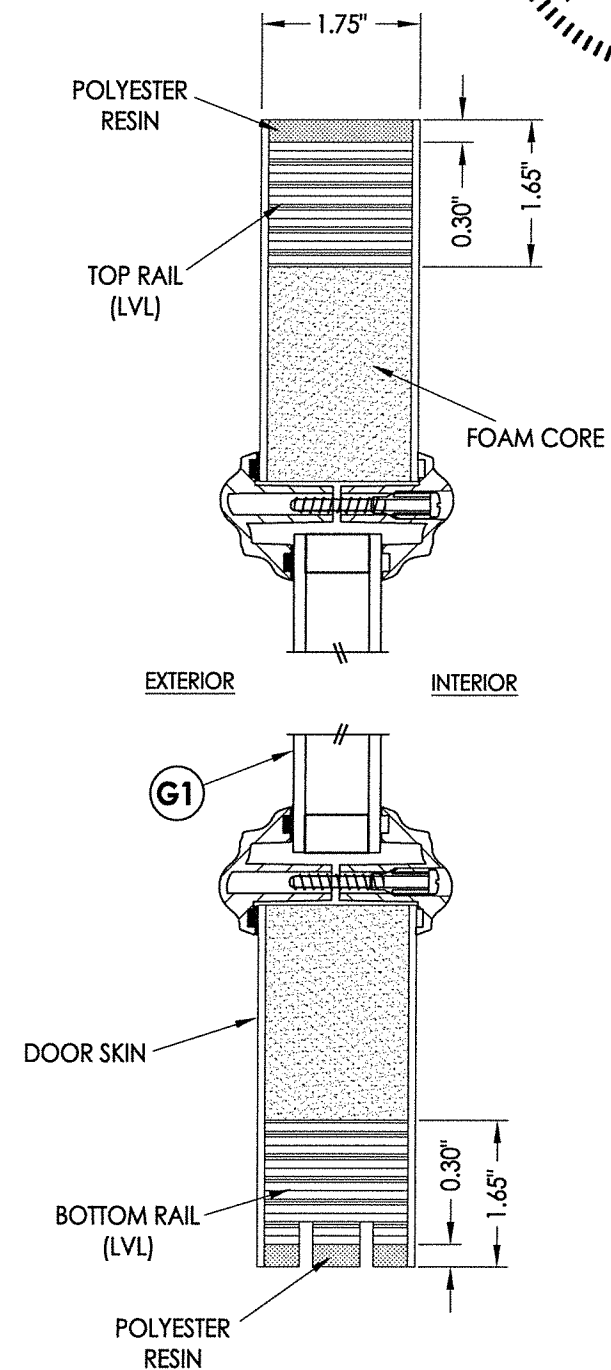


G1 GLAZING DETAIL

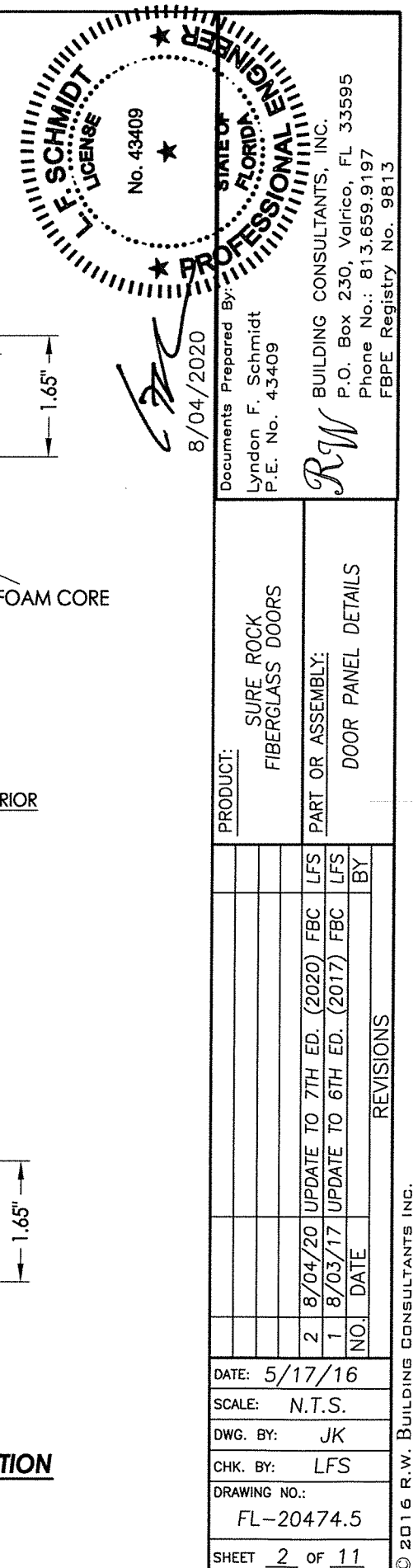


PVC LITE FRAME
HM SURE ROCK

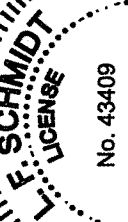
HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	Signature Series
	Deadbolt:	Signature Series (980)
SCHLAGE	Knob:	F Series (F51)
	Deadbolt:	B Series (B60N)

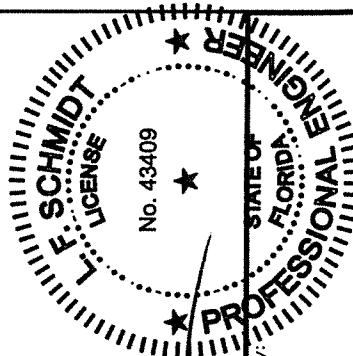
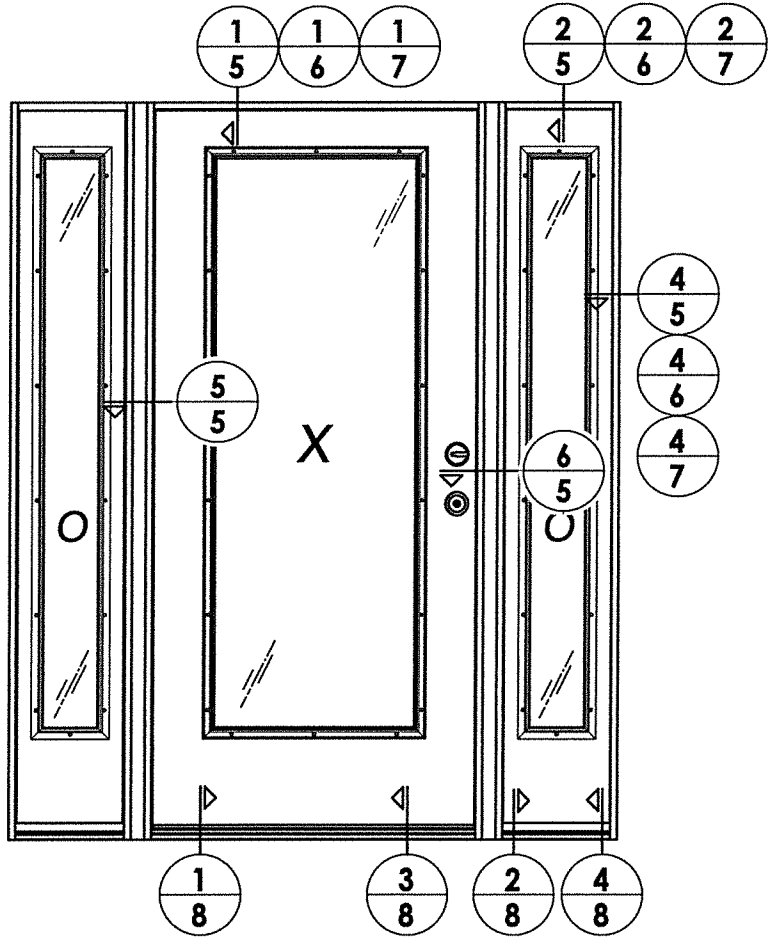
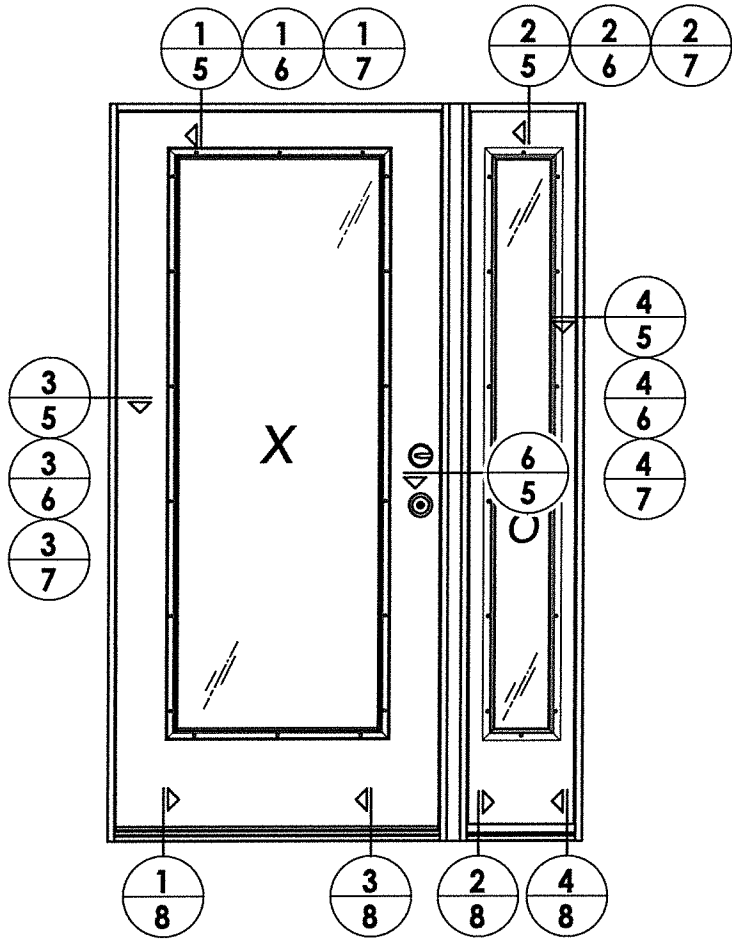


2 VERTICAL CROSS SECTION



[illegible]


8/04/2020
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FBPE Registry No. 9813



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:		ELEVATIONS	
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		BY
DATE: 5/17/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20474.5			
SHEET 4 OF 11			

Technical drawing of a wall assembly cross-section showing interior and exterior sides.

Interior Side (Left):

- Concrete Slab (50): Indicated by a hatched pattern.
- Rebar (F): A horizontal reinforcement bar embedded in the slab.
- Metal Stud (1): A vertical stud attached to the interior face of the slab.

Exterior Side (Right):

- Metal Stud (C): A vertical stud attached to the exterior face of the slab.
- Rebar (B): A horizontal reinforcement bar embedded in the slab.
- Concrete Slab (E): The exterior concrete slab.
- Insulation (D): A layer of insulation between the metal studs, indicated by a pattern of small triangles.

Dimensions and Notes:

- A dimension line at the bottom right indicates a minimum thickness of $1\text{--}1/4\text{''}$ MIN. EMB. (TYP.) for the insulation layer.
- A note "SEE NOTE 1" is located below the exterior slab.



No. 43409

8/04/2020

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 FBPE Registry No. 9813

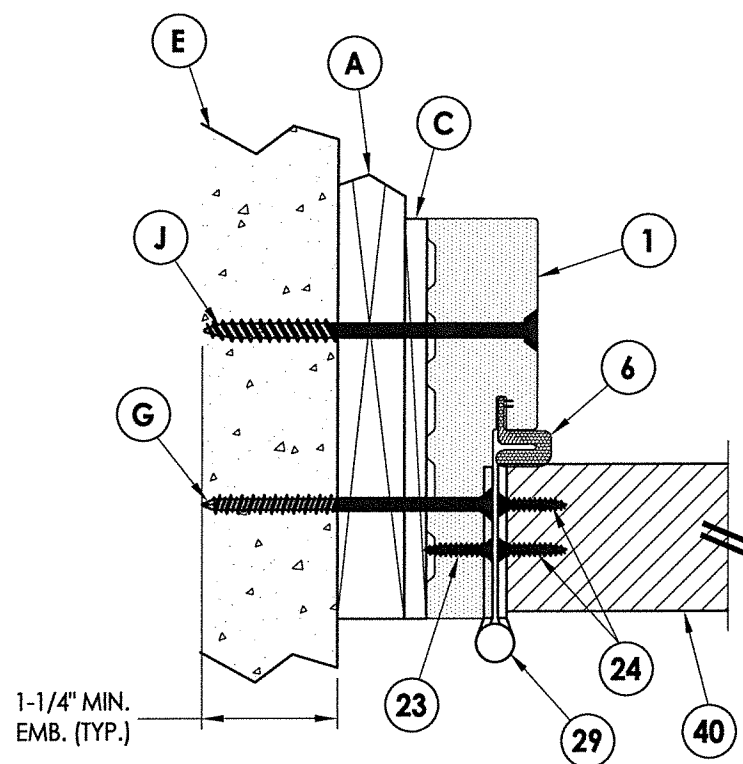
RW

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Figure 1 is a cross-sectional detail of a parapet wall. It shows a vertical structural member (50) on the exterior side, which is hatched. To its right is a horizontal base (1) with a stippled pattern. A vertical reinforcement bar (J) passes through the base (1) and extends upwards through a concrete slab (E) which contains aggregate (triangles). The concrete slab (E) has a thickness of 1-1/4 inches minimum, as indicated by a dimension line on the right. A horizontal reinforcement bar (A) is shown within the concrete slab (E). A vertical reinforcement bar (C) is shown within the base (1). The exterior side is on the left, and the interior side is on the right.

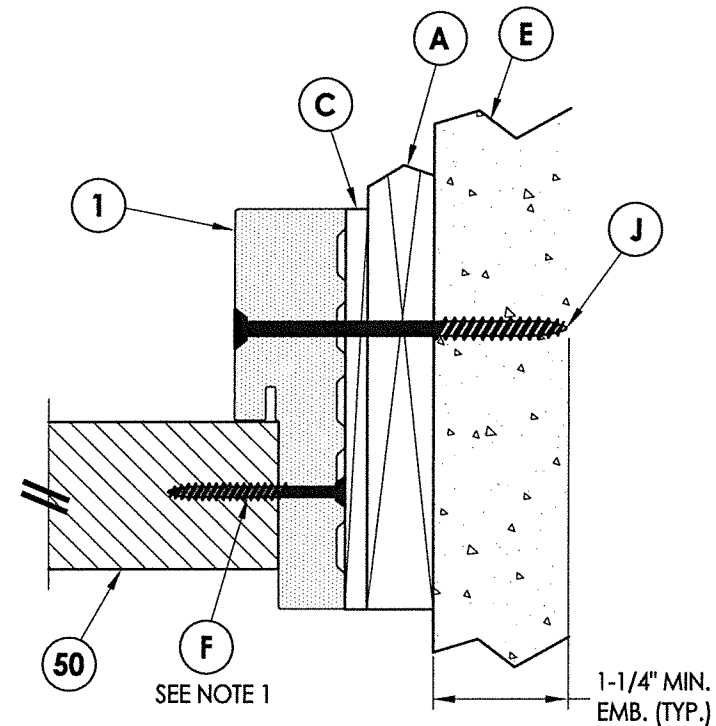
NOTE:

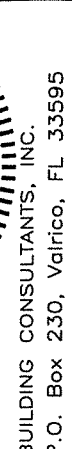
1. Spacing for item F: 6" from ends and 4 more equally spaced along sidelite (6 total).



INTERIOR

EXTERIOR

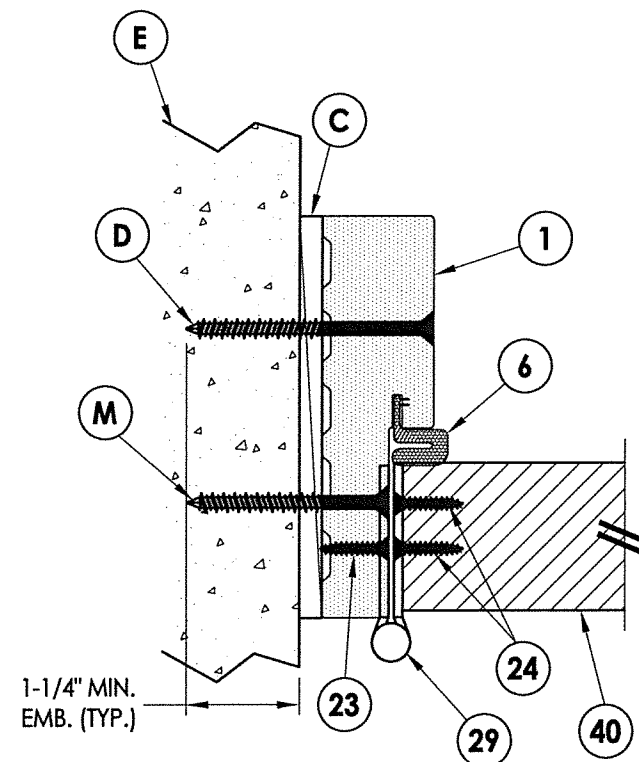


			
<i>[Signature]</i> 8/04/2020		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
2	8/04/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	8/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
NO.	DATE	BY	BY
REVISIONS			
DATE: 5/17/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20474.5			
SHEET 6 OF 11			

[illegible]

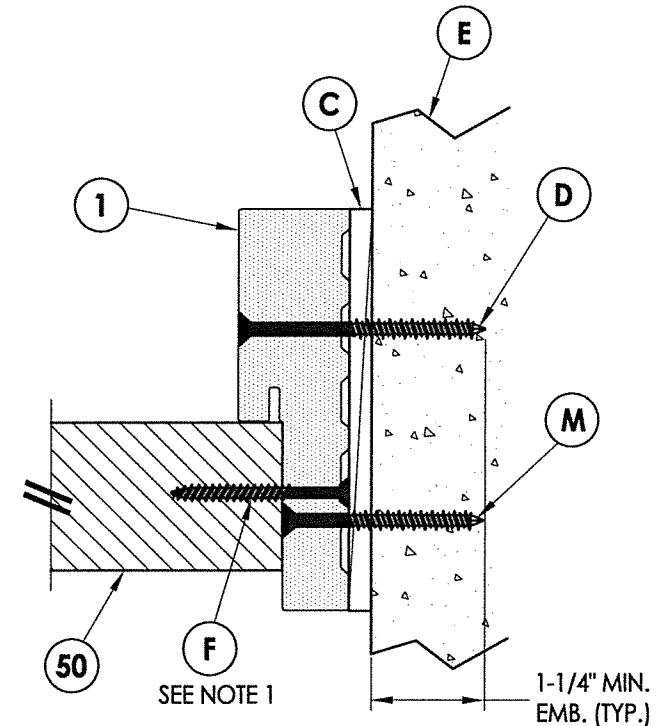
NOTE:

1. Spacing for item F: 6" from ends and 4 more equally spaced along sidelite (6 total).

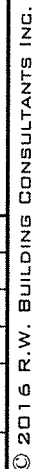


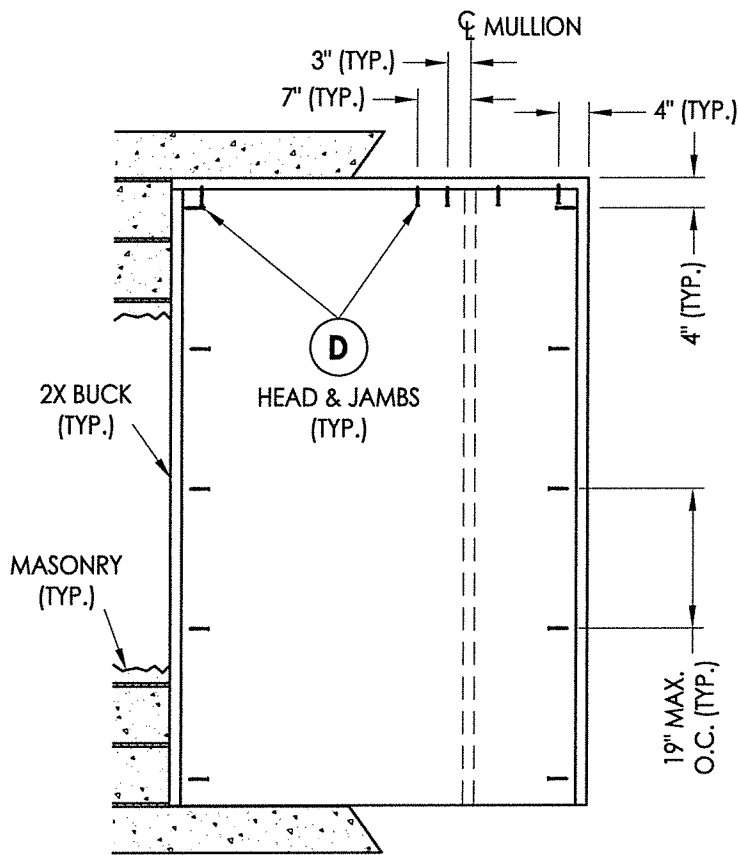
INTERIOR

EXTERIOR

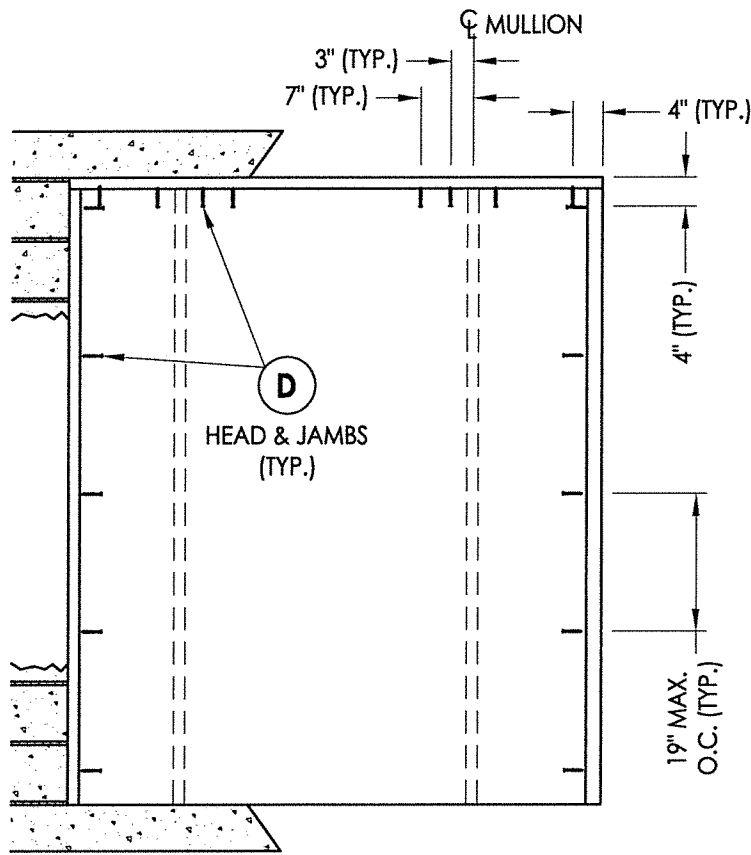


4 7 **HORIZONTAL CROSS SECTION** Outswing shown (Inswing similar)





XO/OX



OXO

2X BUCK ANCHORING

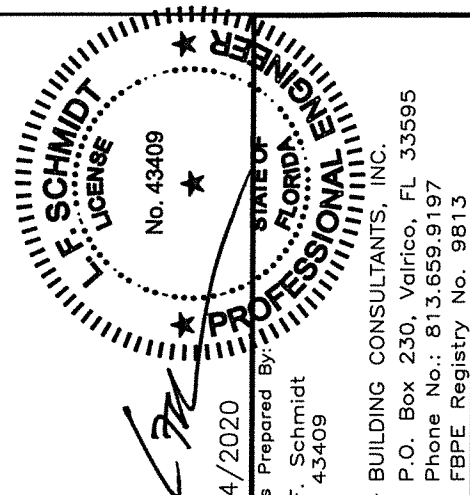
CONCRETE ANCHOR NOTES:

- 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"

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.



8/04/2020

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RW
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FBPE Registry No. 9813

PRODUCT:
SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
BUCK ANCHORING

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

DATE: 5/17/16

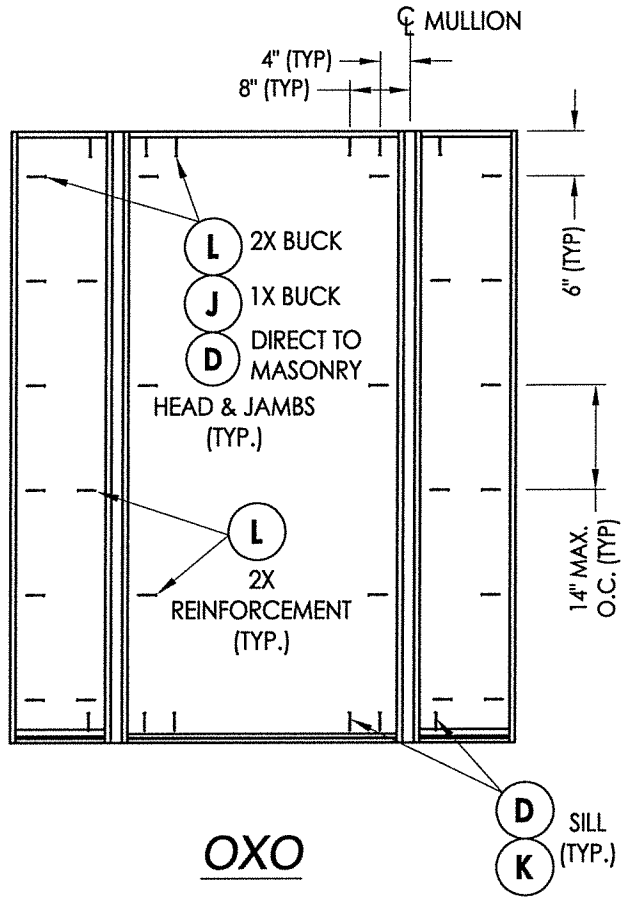
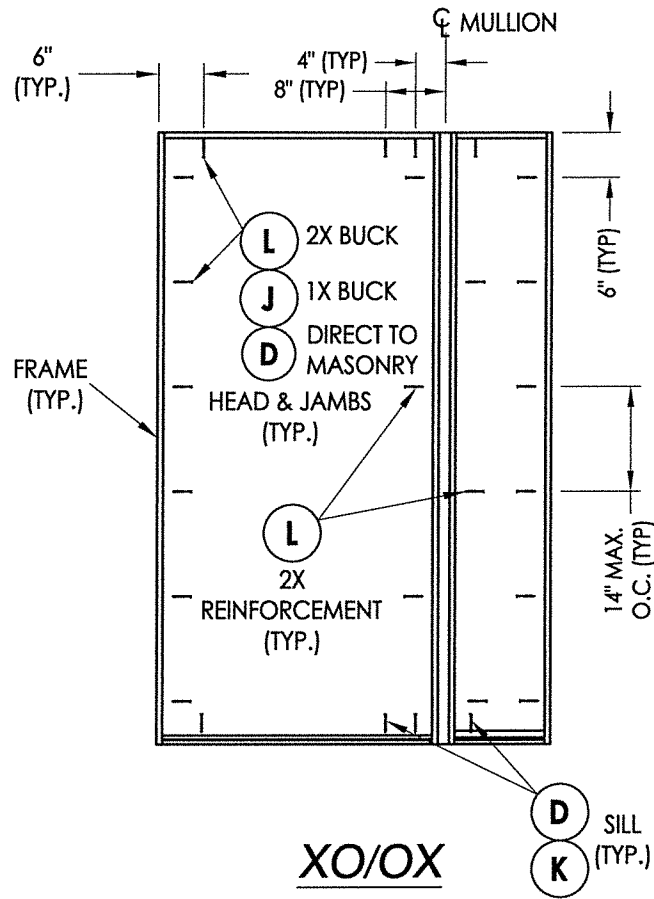
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20474.5

SHEET 9 OF 11



FRAME ANCHORING

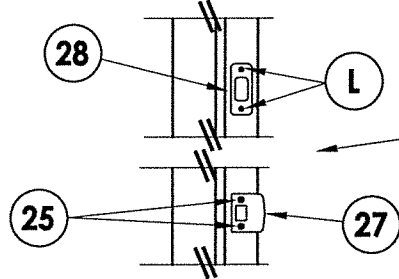
CONCRETE ANCHOR NOTES:

- 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:

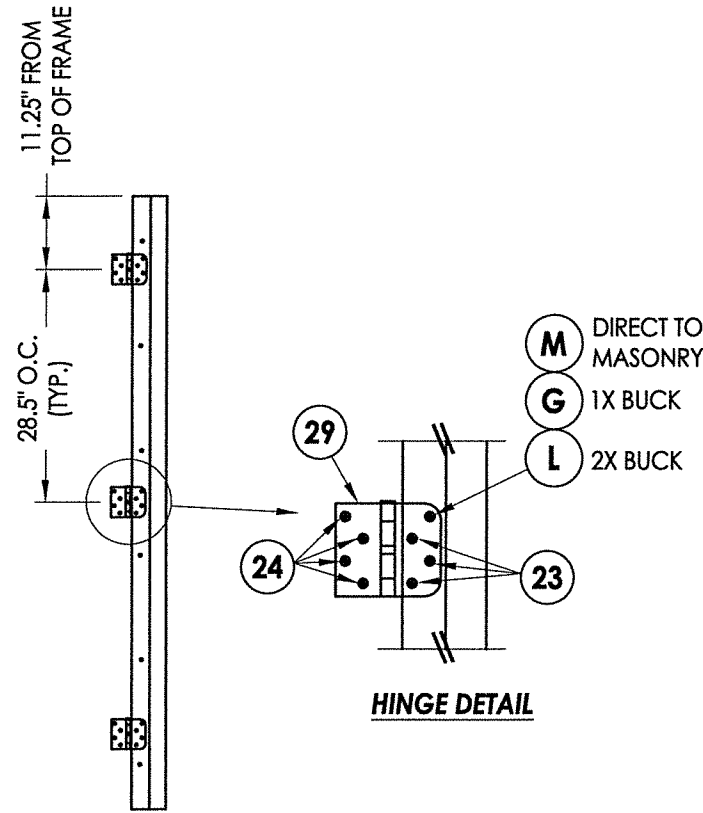
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



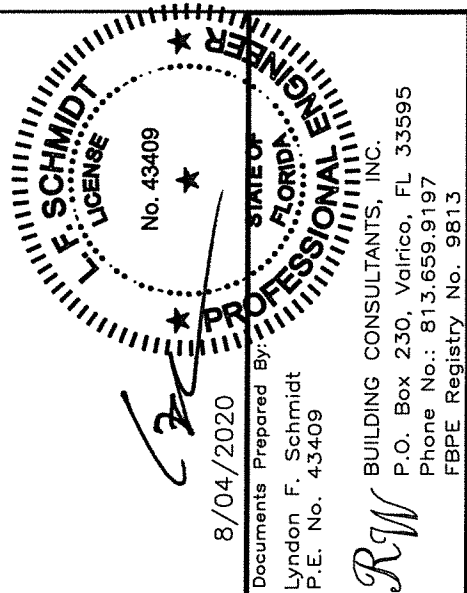
LATCH AND DEADBOLT STRIKE PLATE DETAILS



HINGE DETAIL

STRIKE JAMB

HINGE JAMB



8/04/2020

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FBPE Registry No. 9813

PRODUCT:
SURE ROCK
FIBERGLASS DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 5/17/16

SCALE: N.T.S.

DWG. BY: JK

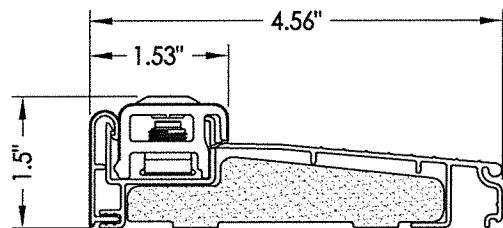
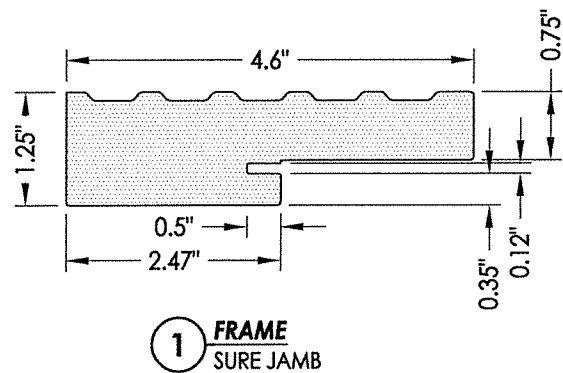
CHK. BY: LFS

DRAWING NO.:

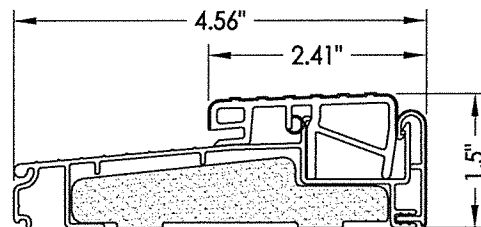
FL-20474.5

SHEET 10 OF 11

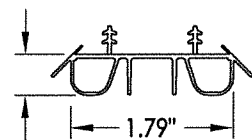
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" 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
X	2X REINFORCEMENT (SG >= 0.55)	WOOD
1	FRAME (SURE JAMB)	COMP
6	WEATHERSTRIP (Q-LON)	FOAM
8	SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
18	INSWING SIDELITE SPACER	PVC
19	OUTSWING SIDELITE SPACER	PVC
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	-



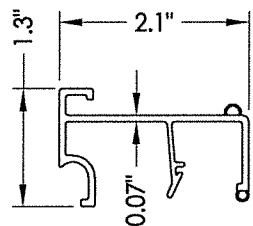
13 INSWING THRESHOLD ENDURA (Z-SERIES)



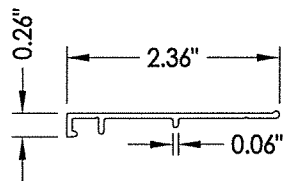
14 OUTSWING THRESHOLD



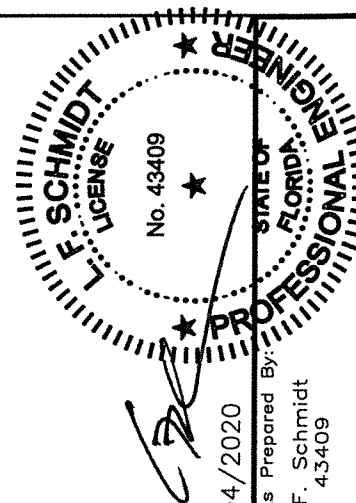
8 SWEEP



18 INSWING SIDELITE SPACER



19 OUTSWING SIDELITE SPACER



8/04/2020

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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

DATE: 5/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20474.5

SHEET 11 OF 11