



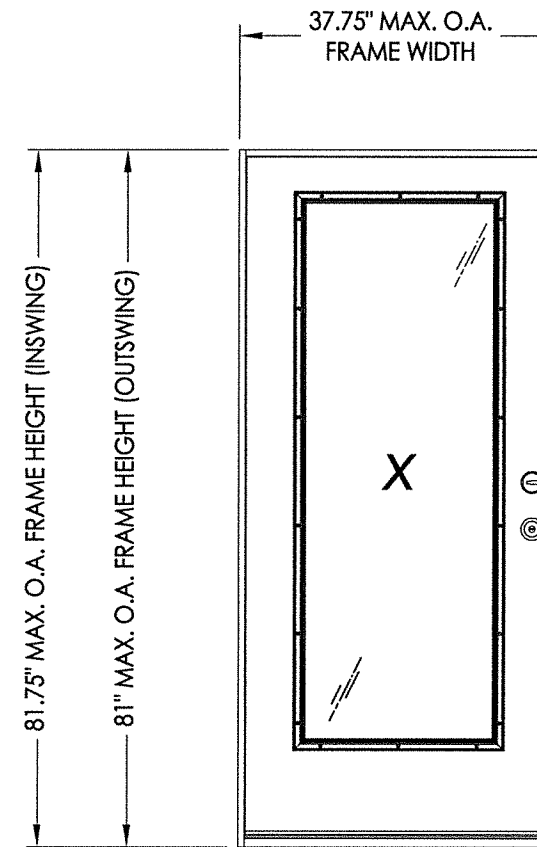
SURE ROCK GLAZED FIBERGLASS ENTRY DOORS IN SWING / OUT SWING "NON-IMPACT"

GENERAL NOTES

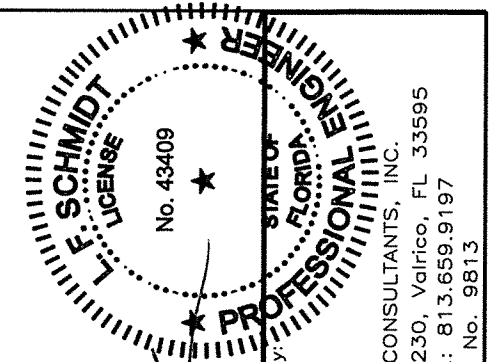
1. This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.

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SHEET #	DESCRIPTION
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6	Vertical Cross Sections (Thresholds)
7	Buck & Frame Anchoring
8	Bill of Materials & Components



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



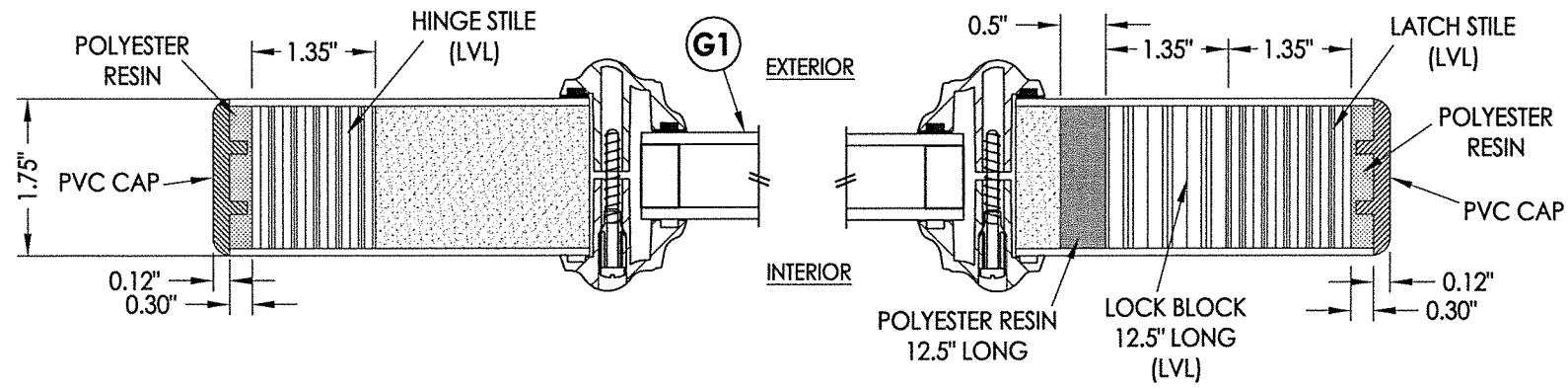
LFS
8.3.17
 Documents Prepared By:
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RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
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 FBPE C.A. No. 9813

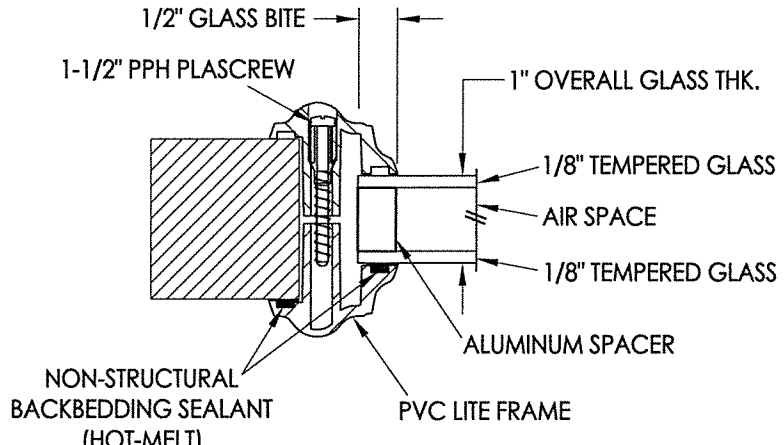
PRODUCT: SURE ROCK FIBERGLASS DOORS
 PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY
1	8/03/17	LFS
	UPDATE TO 6TH ED. (2017) FBC	

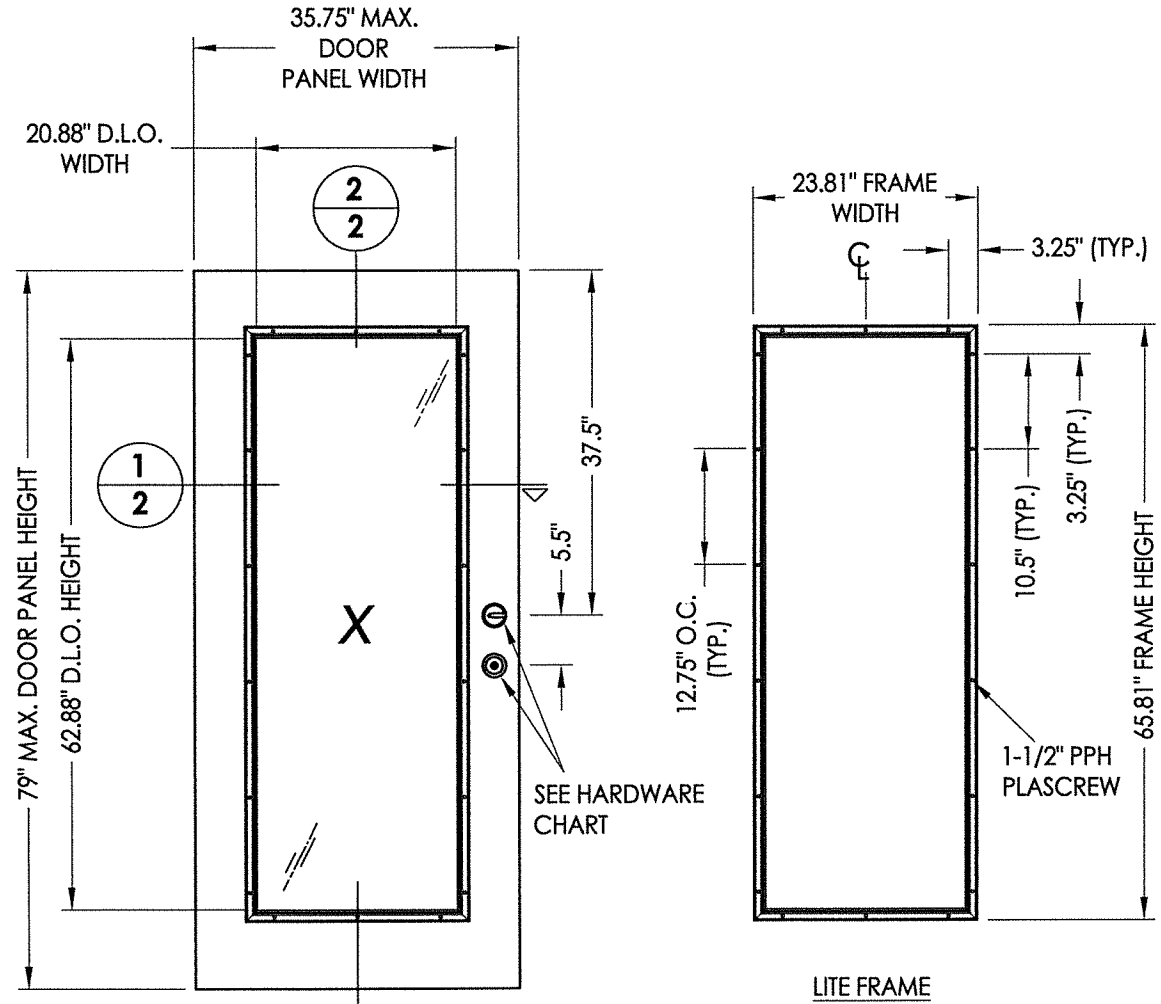
REVISIONS
 DATE: 5/17/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-20474.4
 SHEET 1 OF 8



1 HORIZONTAL CROSS SECTION



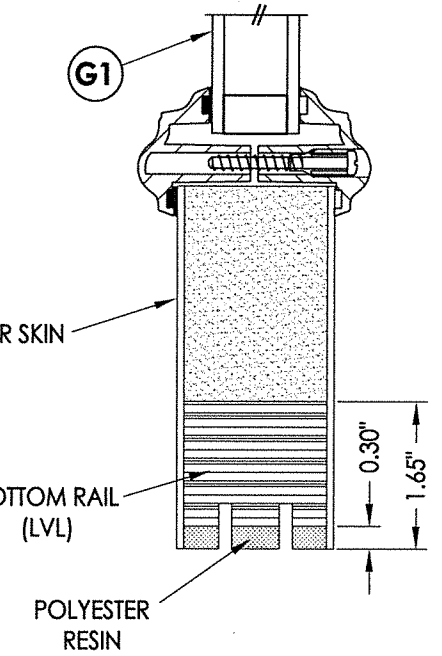
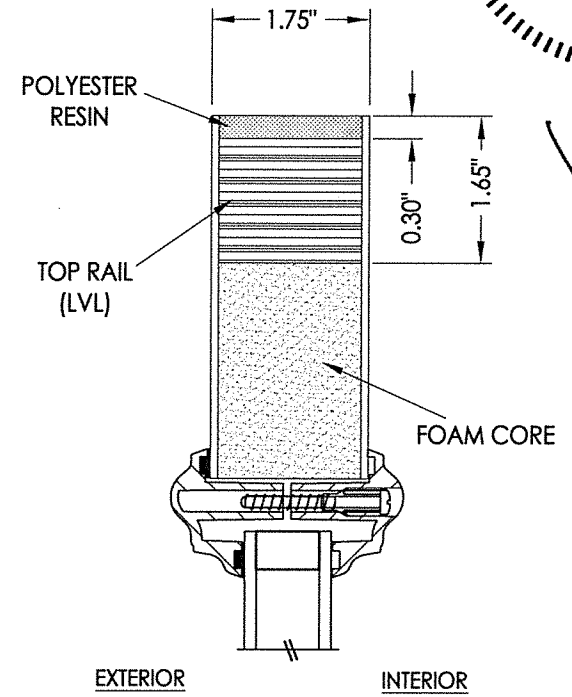
G1 GLAZING DETAIL



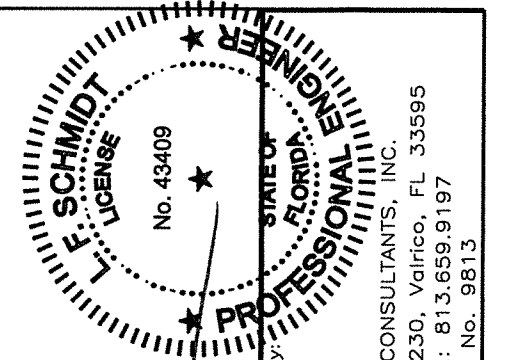
40 DOOR PANEL

LITE FRAME

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

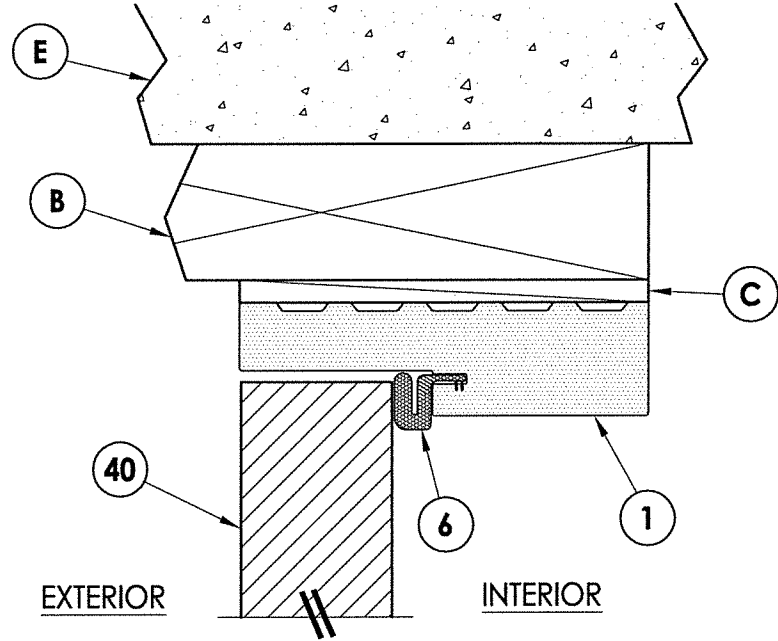
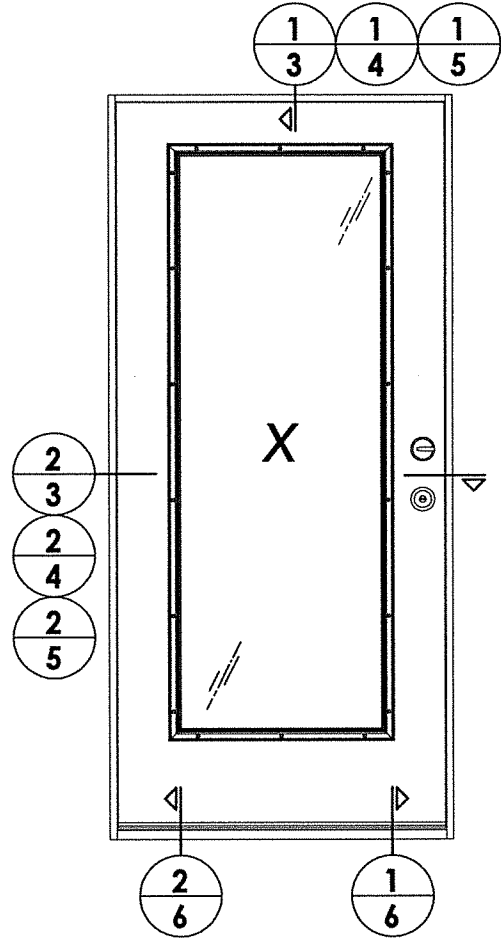


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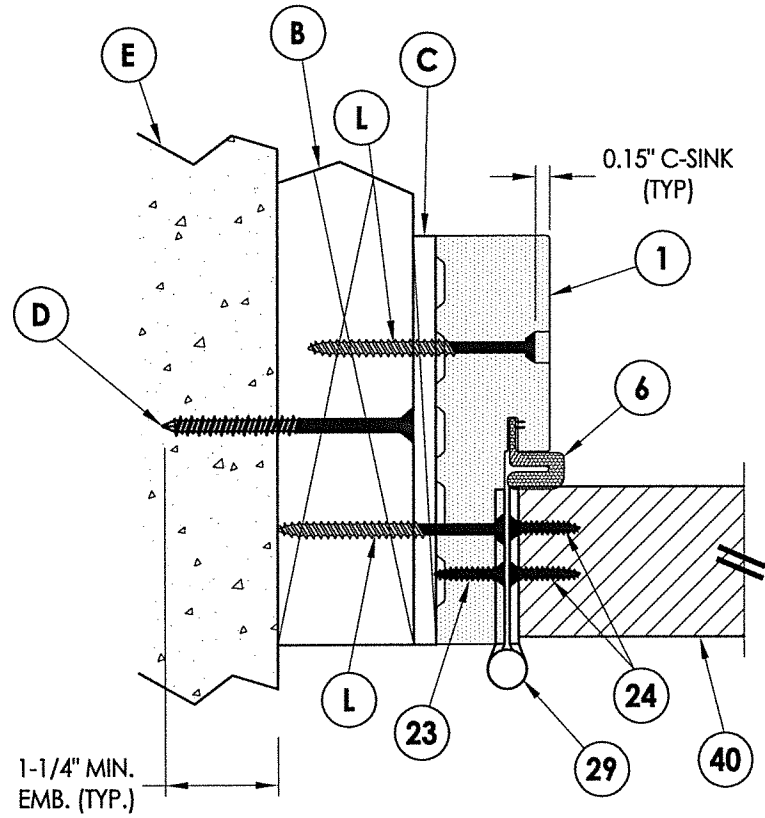
PRODUCT: SURE ROCK FIBERGLASS DOORS
 PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC

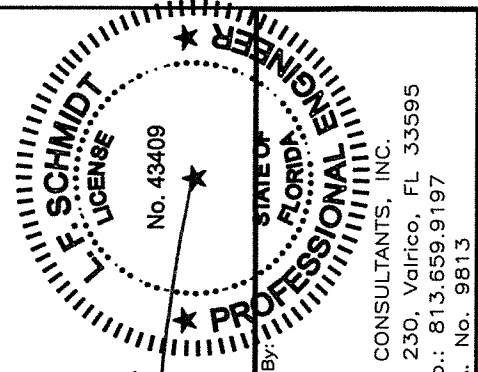
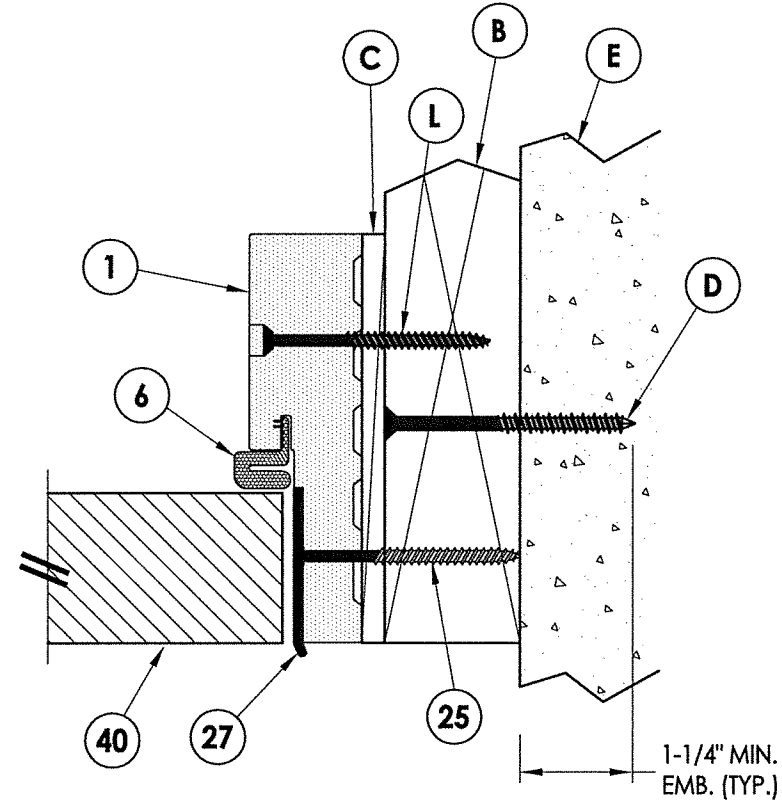
DATE: 5/17/16
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 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-20474.4
 SHEET 2 OF 8



1 VERTICAL CROSS SECTION
 3 Outswing shown (Inswing similar)



2 HORIZONTAL CROSS SECTION
 3 Outswing shown (Inswing similar)



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PRODUCT:
 SURE ROCK
 FIBERGLASS DOORS

PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (2X BUCK)

NO.	DATE	BY	REVISIONS
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC

DATE: 5/17/16

SCALE: N.T.S.

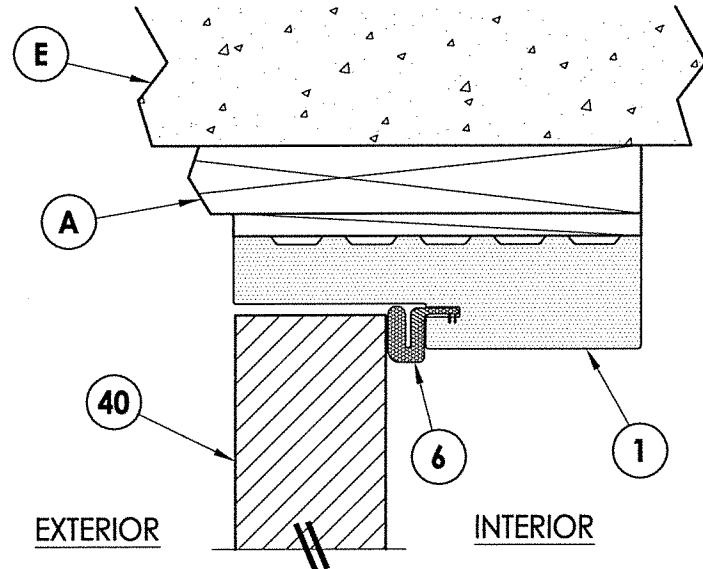
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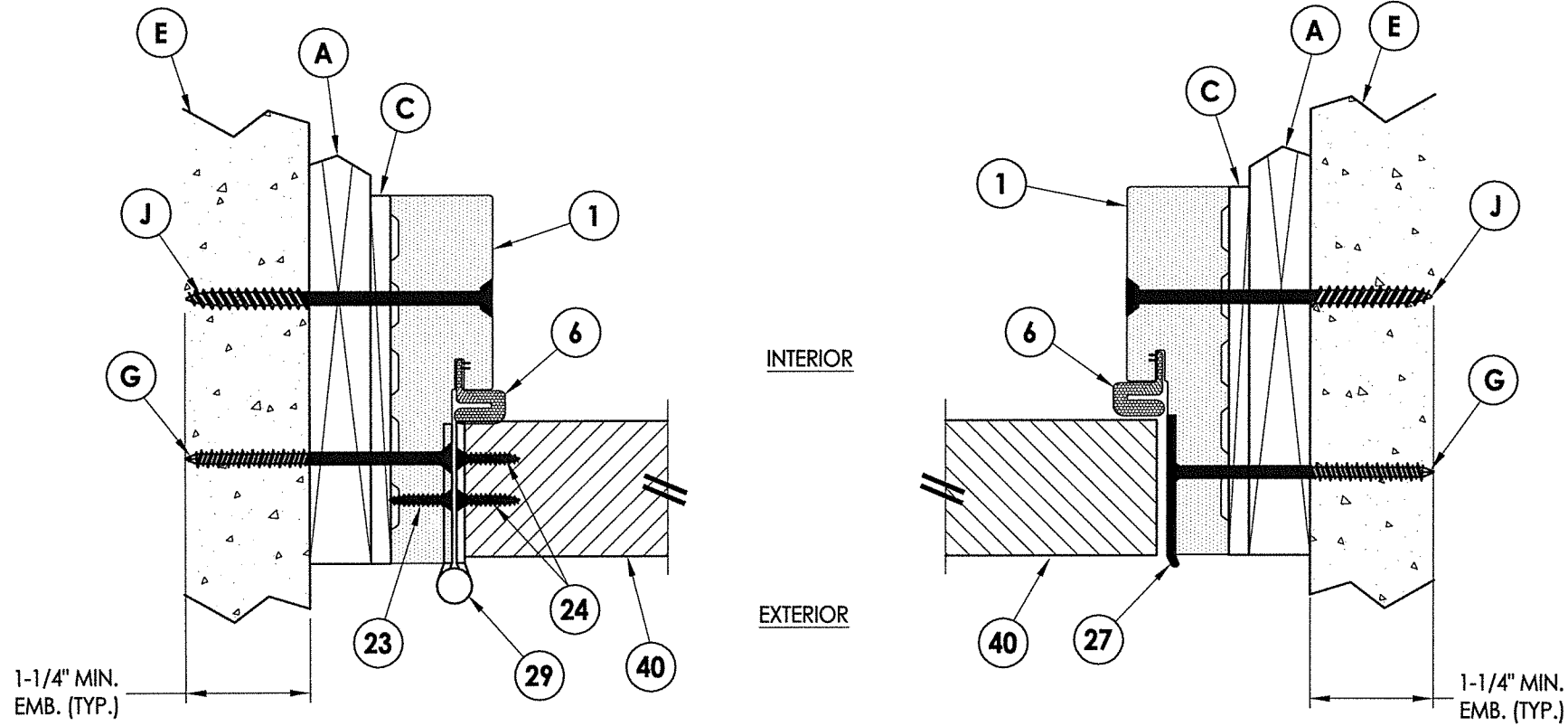
DRAWING NO.:

FL-20474.4

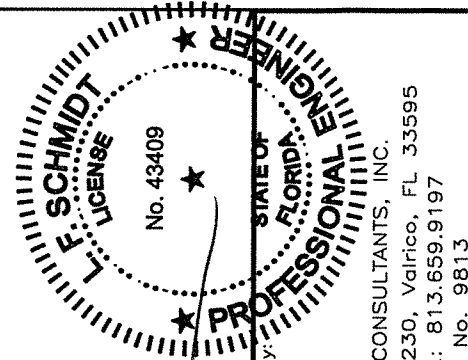
SHEET 3 OF 8



1 VERTICAL CROSS SECTION
4 Outswing shown (Inswing similar)



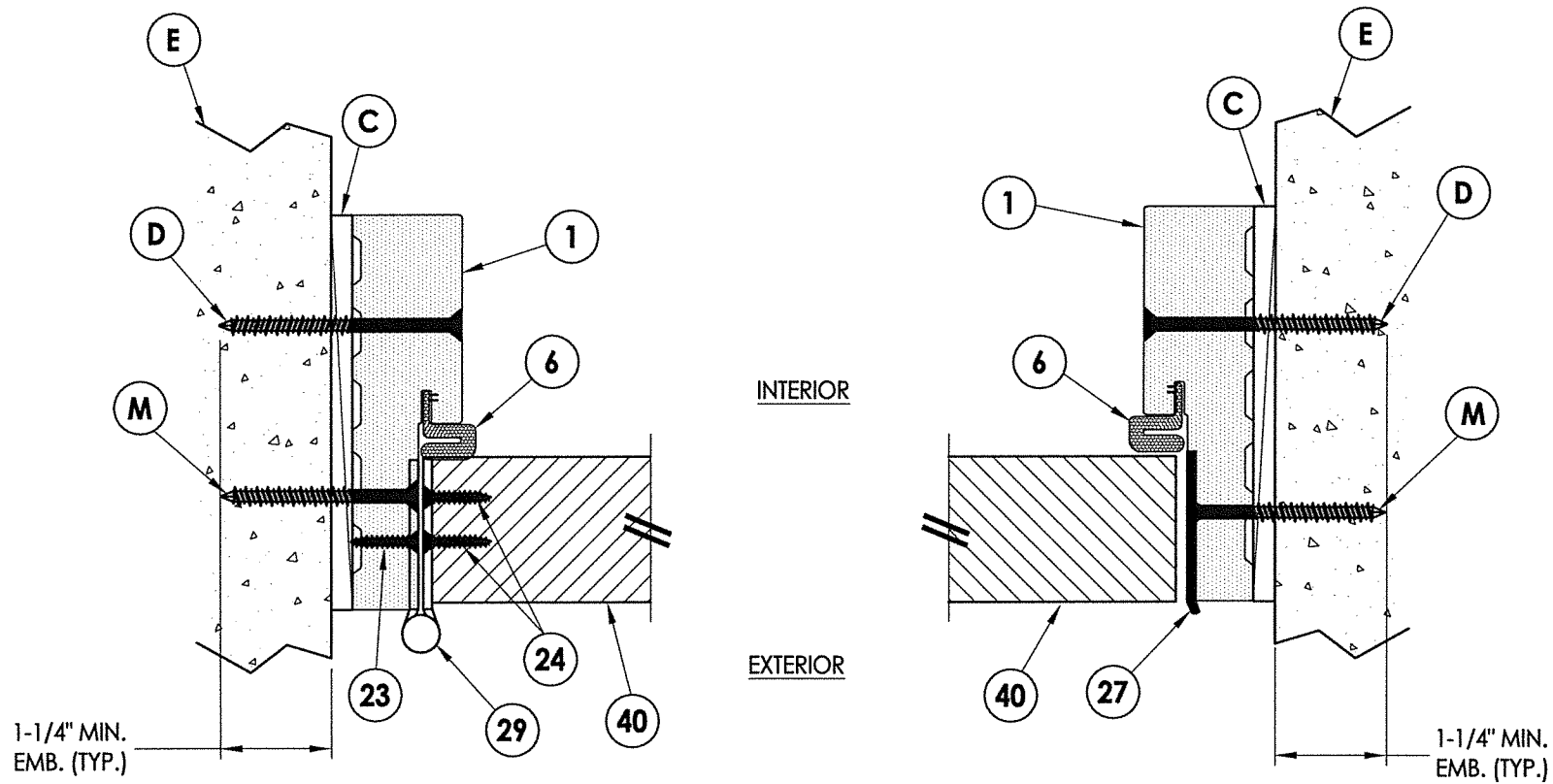
2 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



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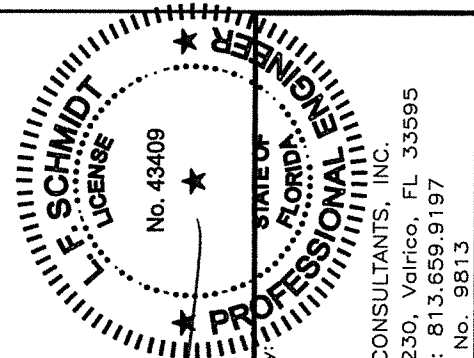
R.W.
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PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.	DATE	BY	REVISIONS
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017)
		FBC	
DATE:		5/17/16	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-20474.4	
SHEET		4 OF 8	



1 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)

2 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

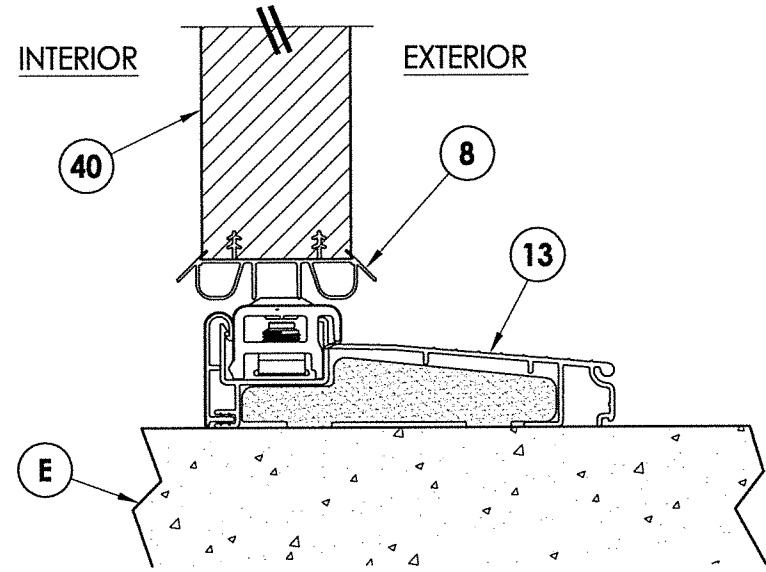


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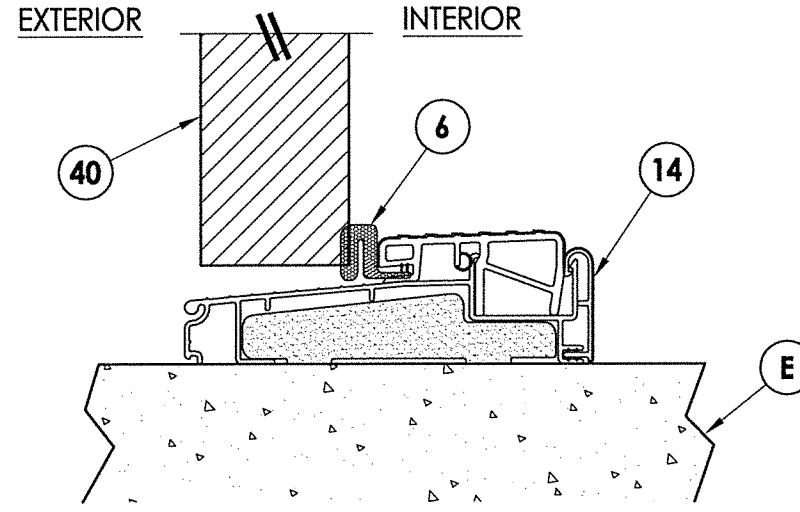
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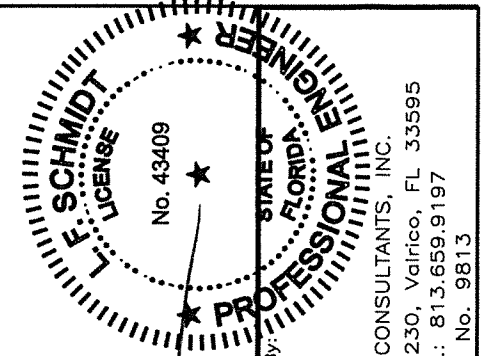
PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	BY	REVISIONS
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE: 5/17/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20474.4			
SHEET 5 OF 8			



1 VERTICAL CROSS SECTION
6 Inswing Threshold



2 VERTICAL CROSS SECTION
6 Outswing Threshold

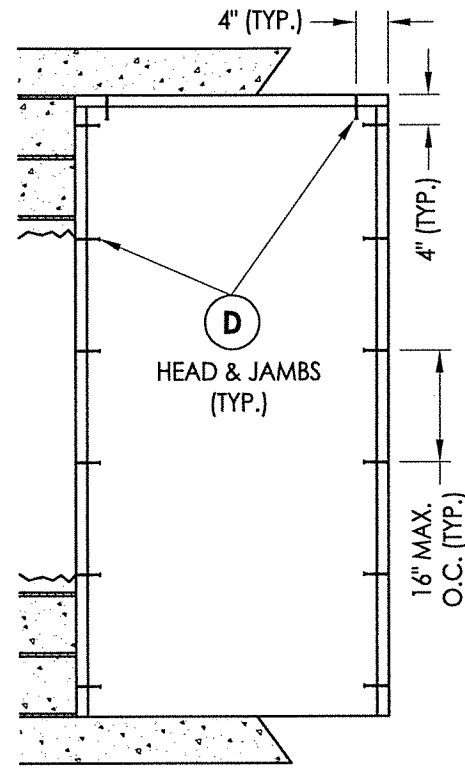


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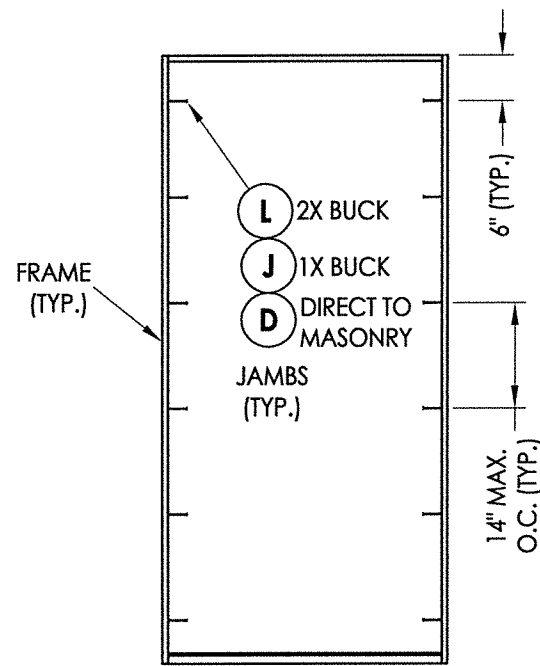
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 FBPE C.A. No. 9813

PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
NO.	DATE	BY	REVISIONS
1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC
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SCALE: N.T.S.			
DWG. BY: JK			
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DRAWING NO.: FL-20474.4			
SHEET 6 OF 8			



X
2X BUCK ANCHORING



X
FRAME ANCHORING

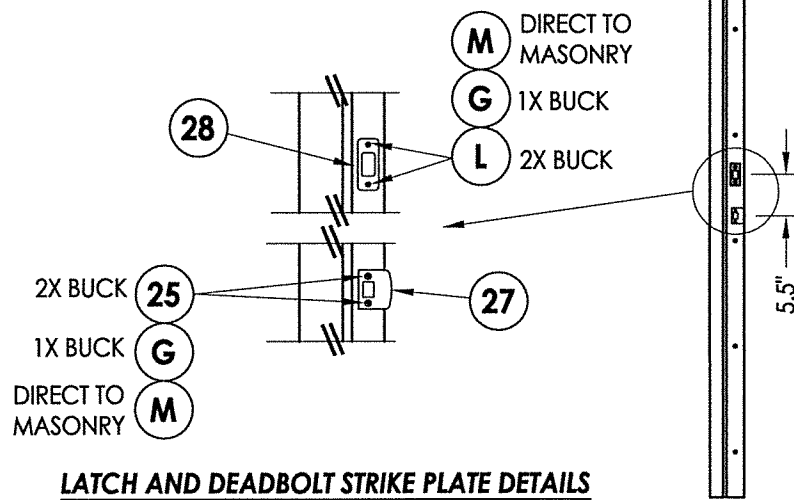
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

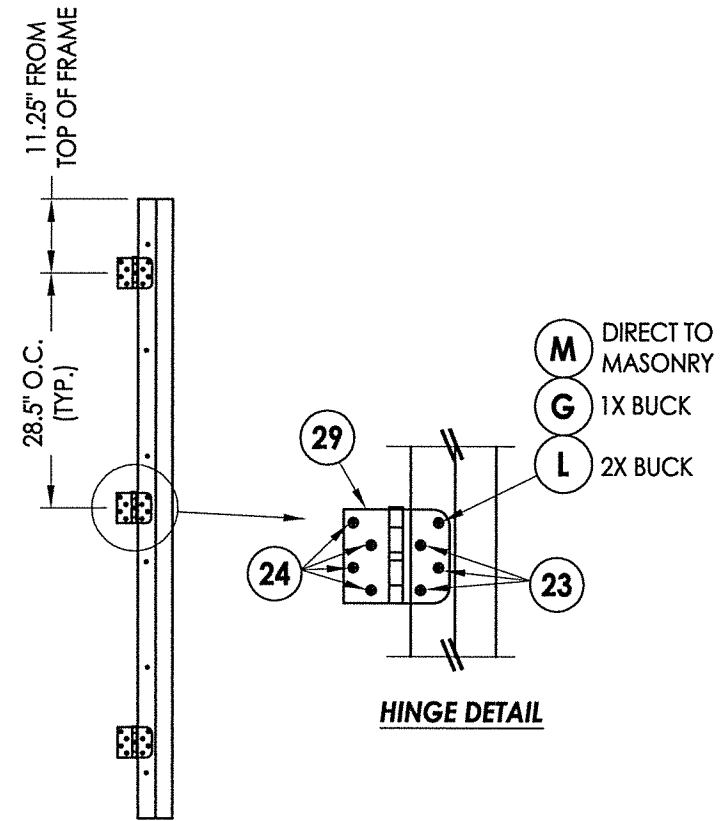
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

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



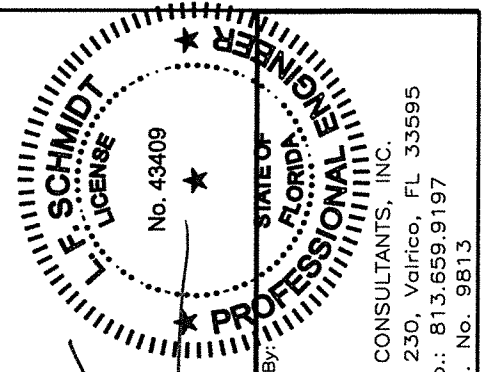
LATCH AND DEADBOLT STRIKE PLATE DETAILS



HINGE DETAIL

STRIKE JAMB

HINGE JAMB



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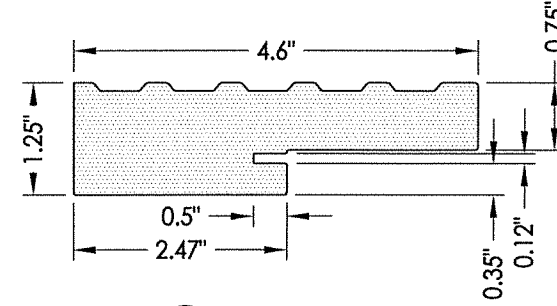
PRODUCT: SURE ROCK FIBERGLASS DOORS
PART OR ASSEMBLY: BUCK & FRAME ANCHORING

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1	8/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC

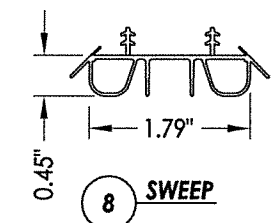
DATE: 5/17/16
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20474.4
SHEET 7 OF 8

R:\Clients\HM Sure Rock PERMANENTVA - Florida Product Approvals\FL-20474 - Drawings\FL-20474C - Drawings\FL-20474.4-6.dwg, 8.1

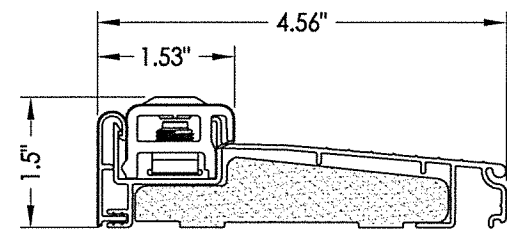
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4"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



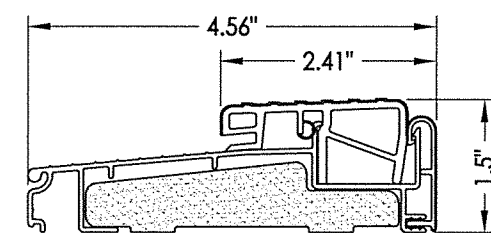
1 FRAME
Sure Jamb



8 SWEEP



13 INSWING THRESHOLD
ENDURA (Z-SERIES)



14 OUTSWING THRESHOLD
ENDURA (Z-SERIES)

LFS
8.3.17

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PRODUCT:		SURE ROCK FIBERGLASS DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS	
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DRAWING NO.: FL-20474.4			
SHEET 8 OF 8			