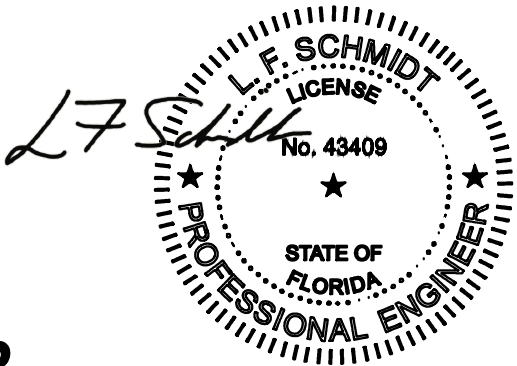




AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

TIMBERLINE DELUXE
OPAQUE FIBERGLASS SINGLE DOOR
INSWING / OUTSWING
"IMPACT"



Digitally signed
by Lyndon F Schmidt
Date:
2026.07.20
17:15:24 -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

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

RW

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.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

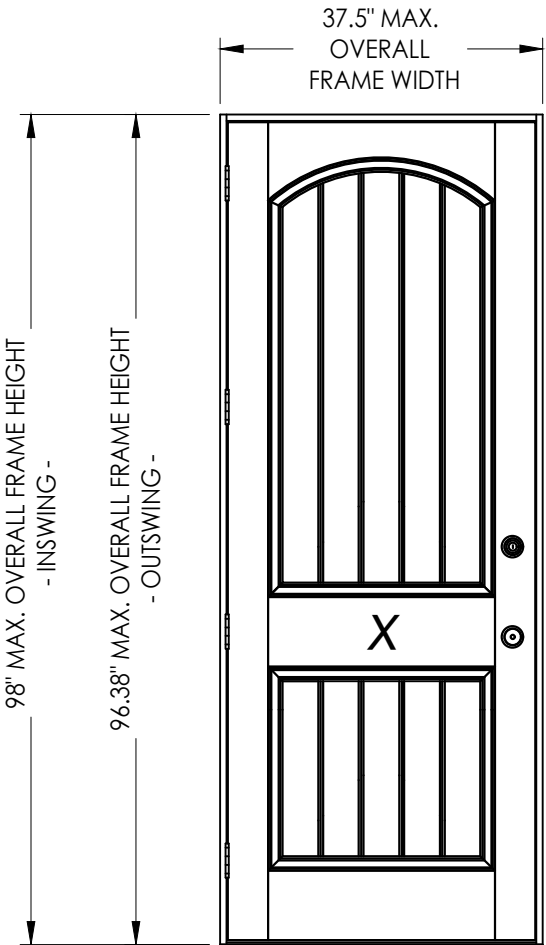


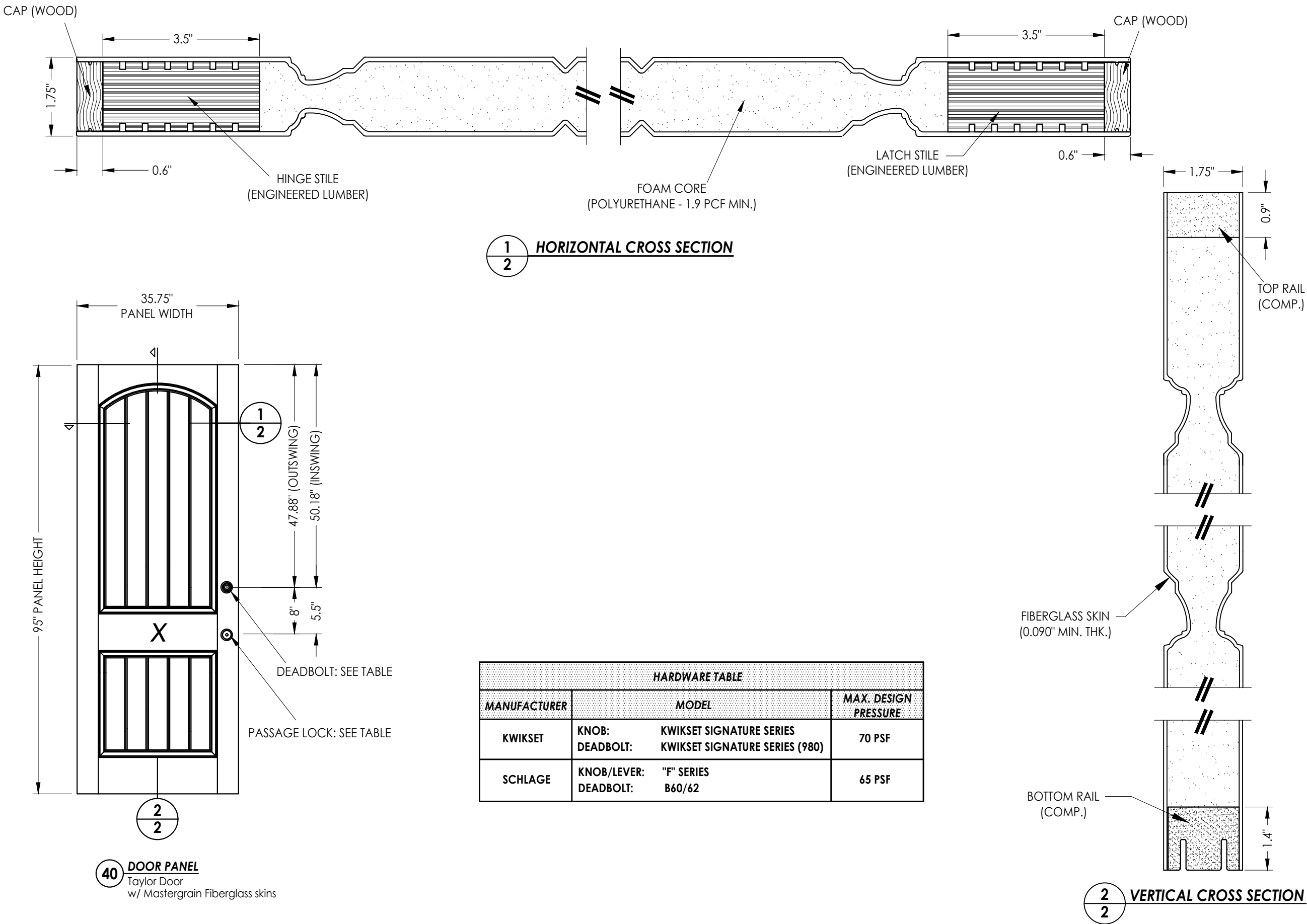
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - (X)
6	Bill of materials and components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 98.0"	+65.0	-65.0	+70.0	-70.0

NOTE: See Sheet 2 for hardware design pressure limitations.

PRODUCT:		TAYLOR FIBERGLASS DOOR		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/15/20	UPDATE TO 7th ED. (2020)	FBC	LFS			
2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE	REVISIONS					
DATE: 9/12/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15931.6							
SHEET 1 OF 6							

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-15931 R5\FL-15931.6.dwg



July 15, 2020

Documents Prepared By:
Lyndon F. Schmidt
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:

TAYLOR
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

	5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC		4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC		3	7/15/20	UPDATE TO 7th ED (2020)	FBC		2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC		1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC		NO.	DATE	REVISIONS
				LFS					LFS					LFS				JK		JK				JK		BY		

DATE: 9/12/12

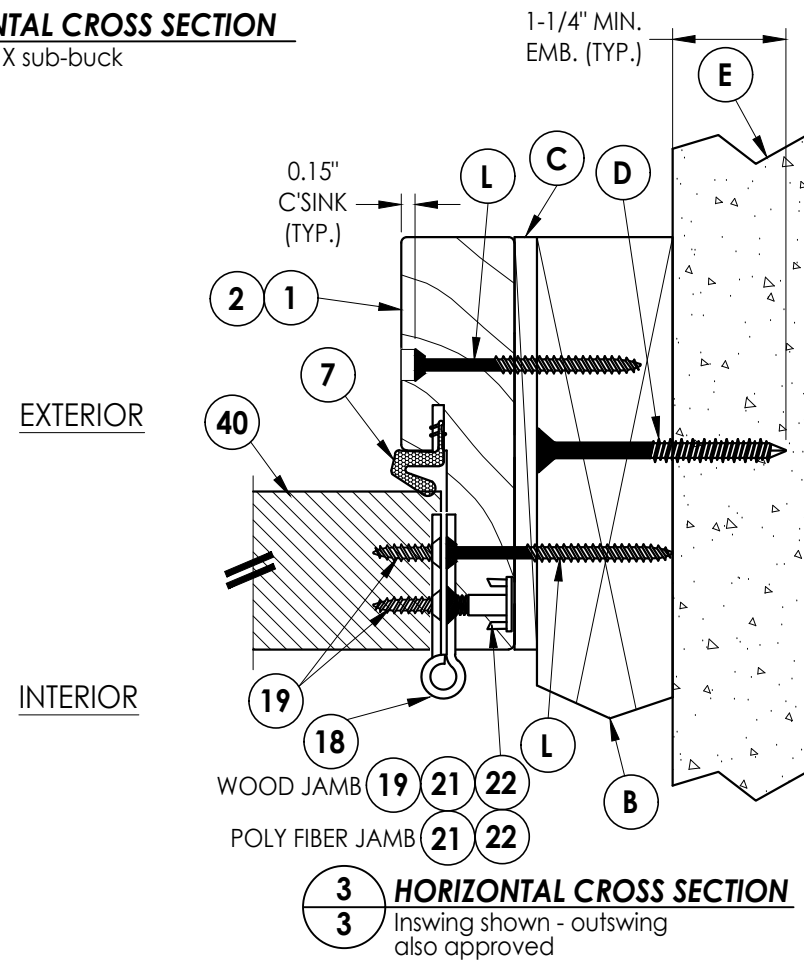
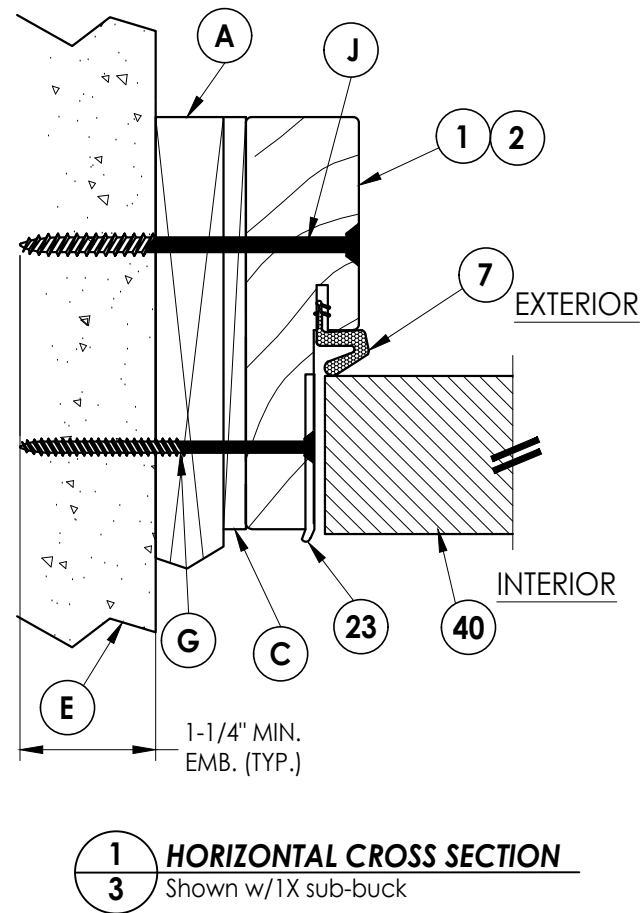
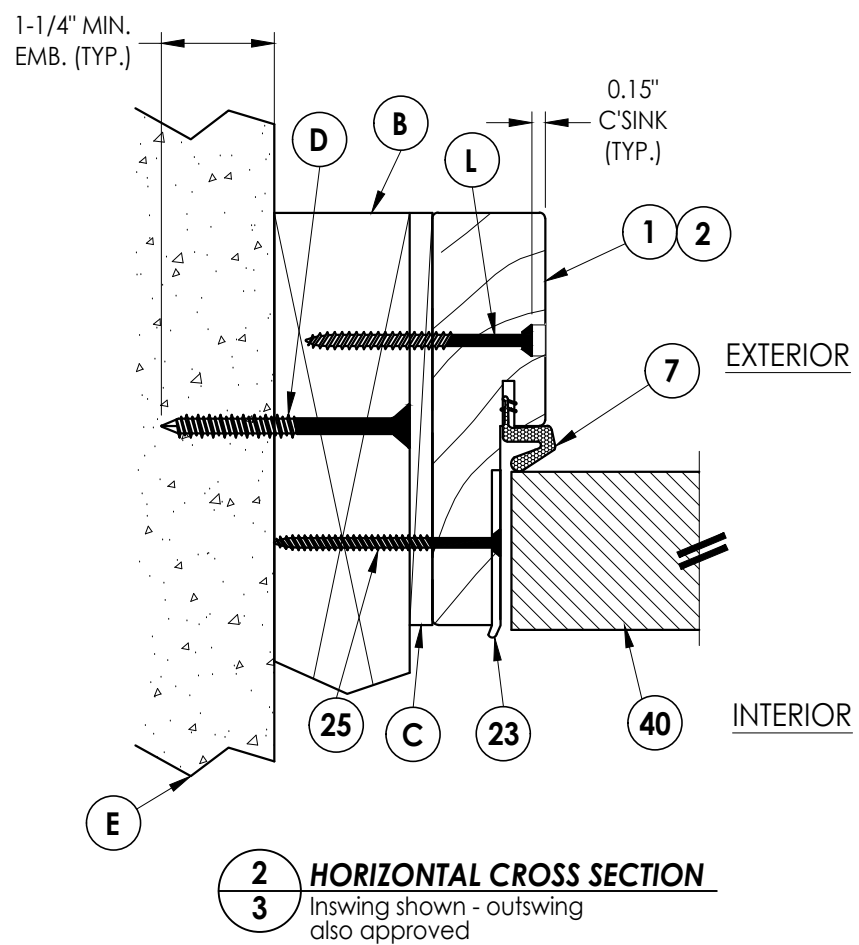
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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15931.6

SHEET 2 OF 6



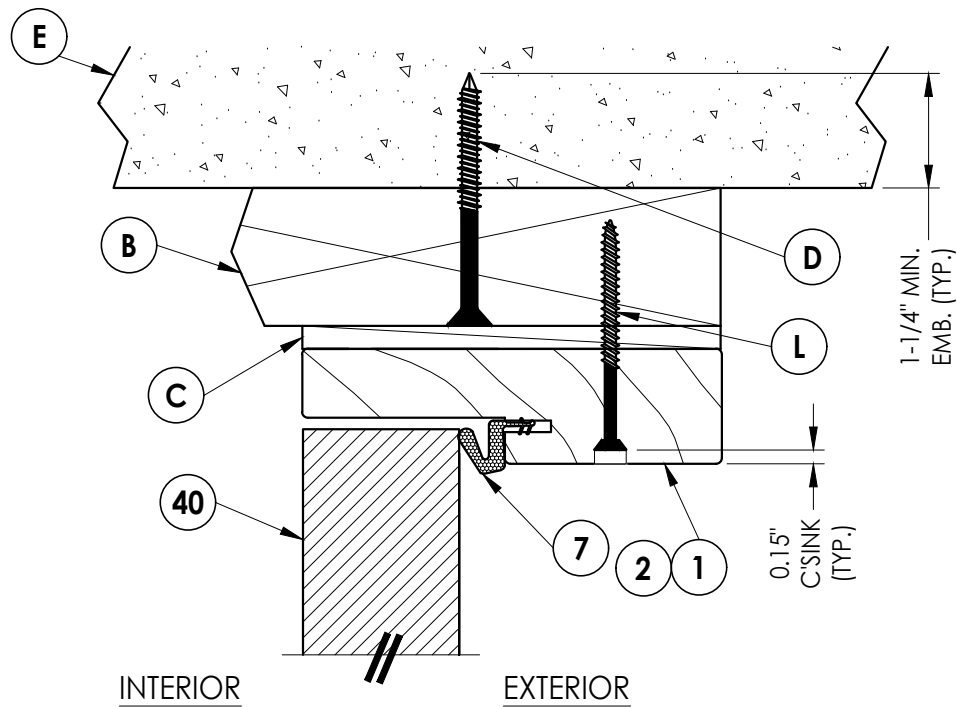
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SCALE: N.T.S.							
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CHK. BY: LFS							
DRAWING NO.: FL-15931.6							
SHEET 3 OF 6							

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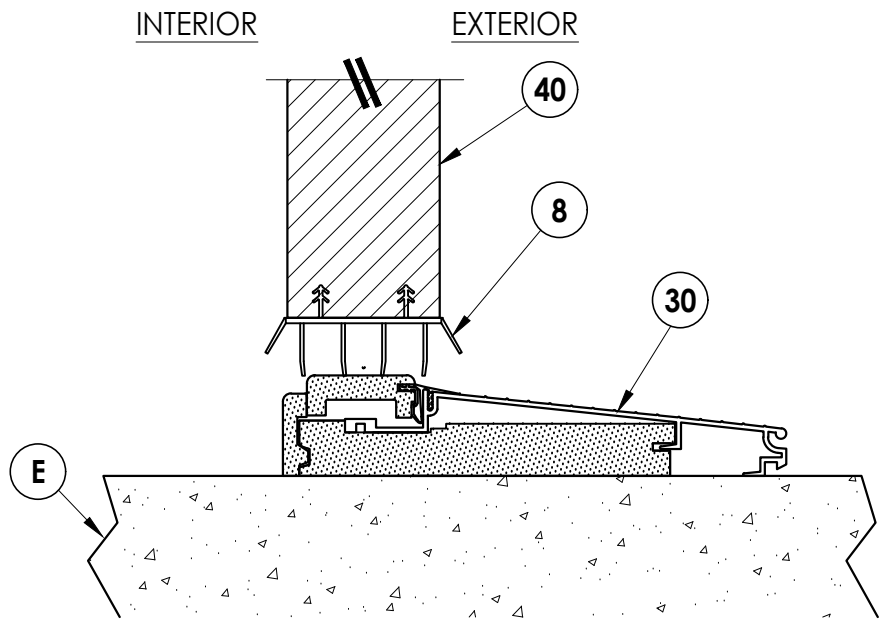
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Phone No.: 813.659.9197
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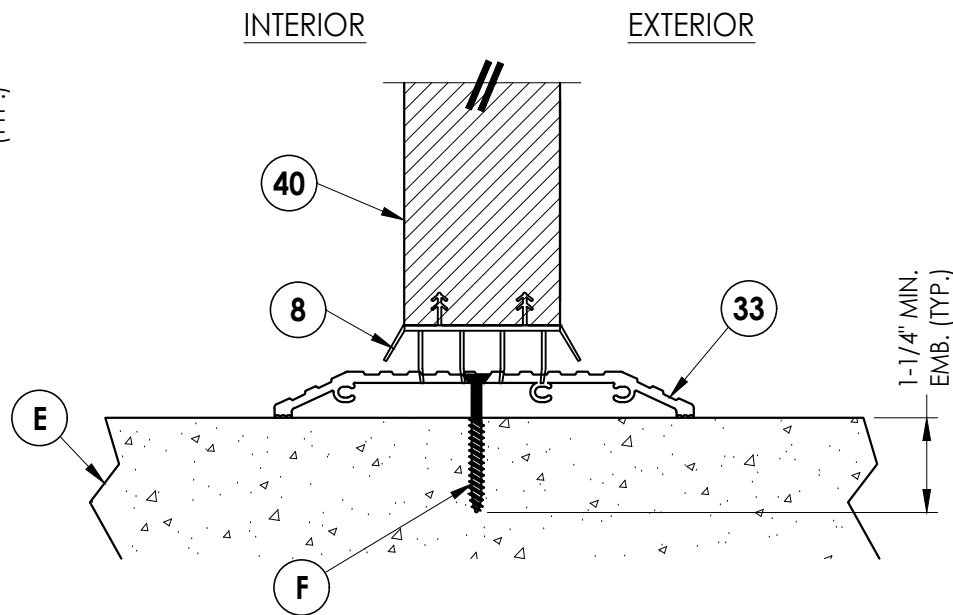
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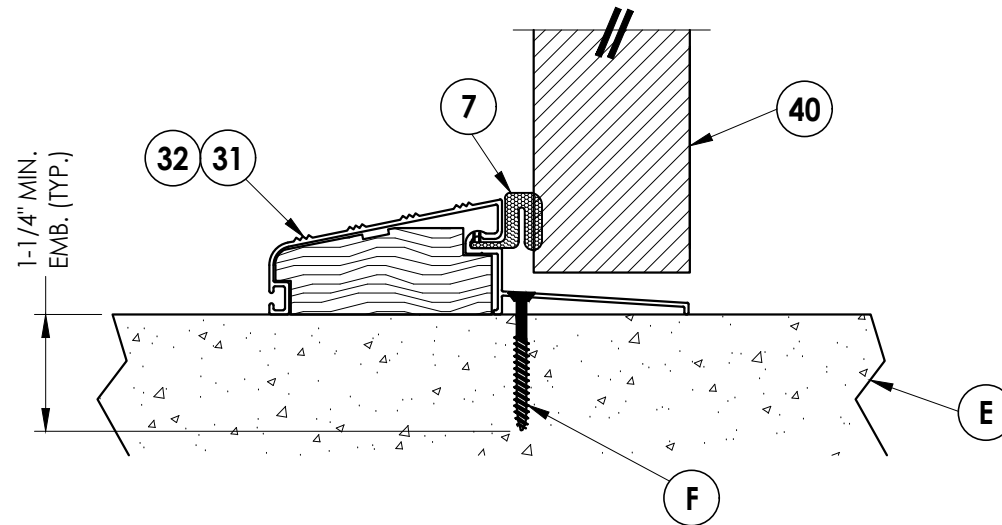
1
4 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



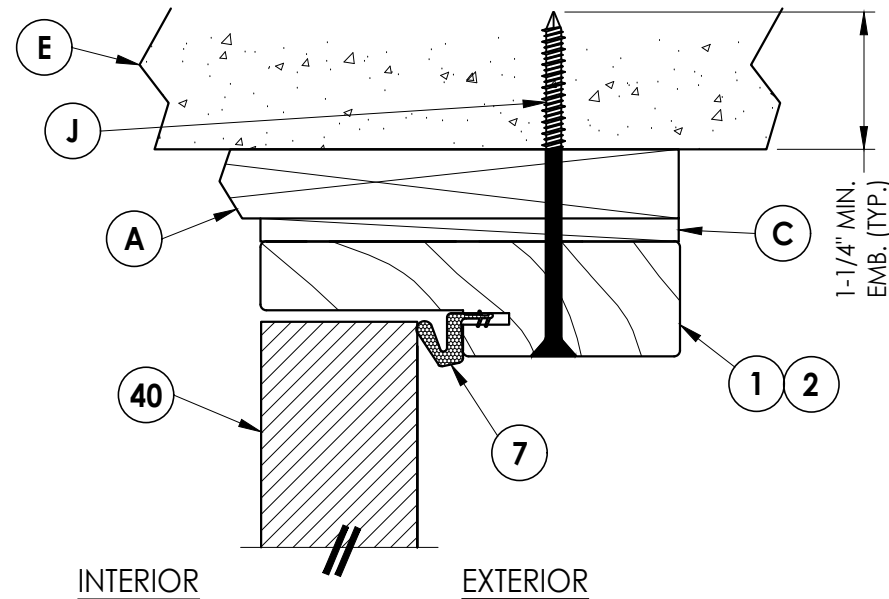
3
4 **VERTICAL CROSS SECTION**
Inswing configuration



5
4 **VERTICAL CROSS SECTION**
Shown w/ ADA threshold



4
4 **VERTICAL CROSS SECTION**
Outswing configuration



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

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PRODUCT:
TAYLOR
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS				
		BY	JK	JK	LFS	LFS
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	FBC	LFS	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	FBC	LFS	LFS
3	7/15/20	UPDATE TO 7th ED (2020)	FBC	FBC	LFS	LFS
2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	FBC	JK	JK
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	FBC	JK	JK

DATE: 9/12/12

SCALE: N.T.S.

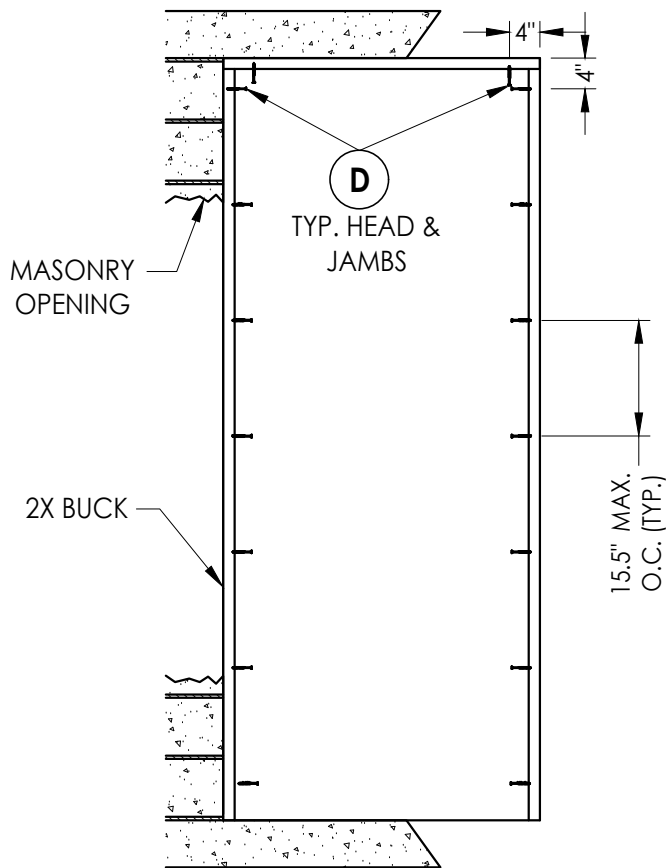
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CHK. BY: LFS

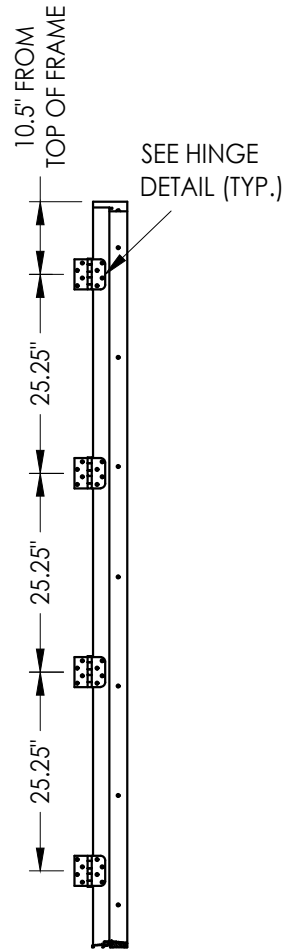
DRAWING NO.: FL-15931.6

SHEET 4 OF 6

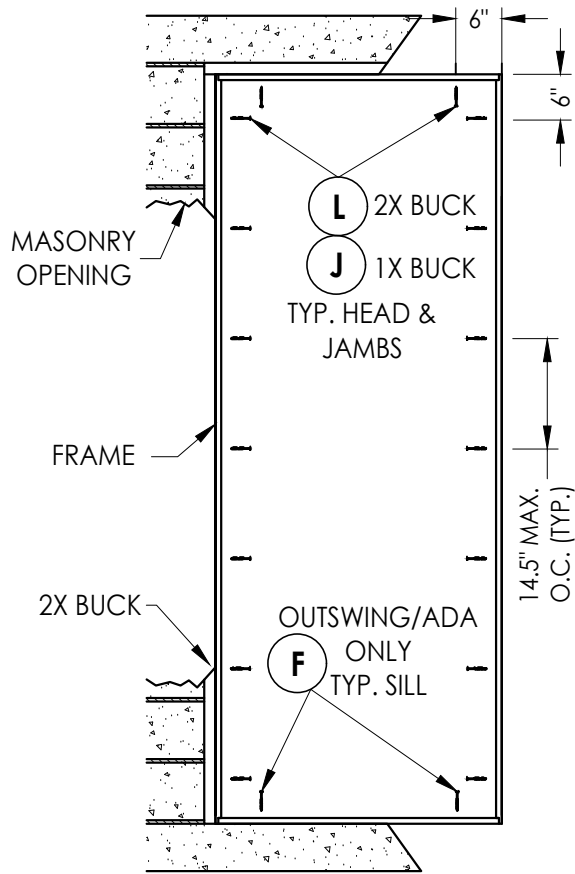
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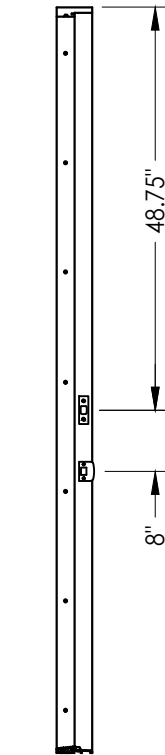
BUCK ANCHORING



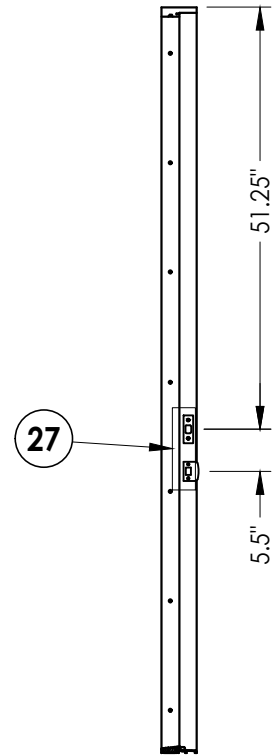
HINGE JAMB



FRAME ANCHORING
Masonry construction



STRIKE JAMB
Outswing



STRIKE JAMB
Inswing

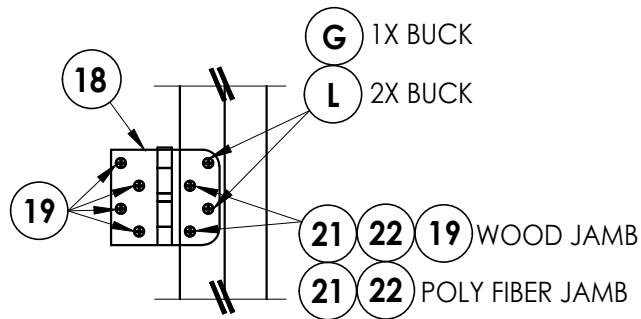
CONCRETE ANCHOR NOTES:

- 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:

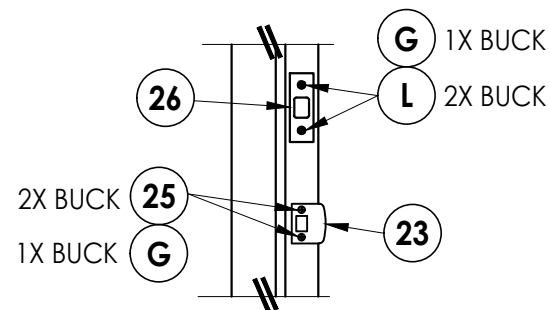
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



HINGE DETAIL



LATCH AND DEADBOLT DETAIL

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PRODUCT:
TAYLOR
FIBERGLASS DOOR

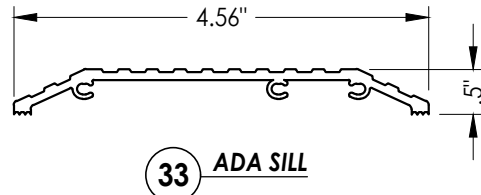
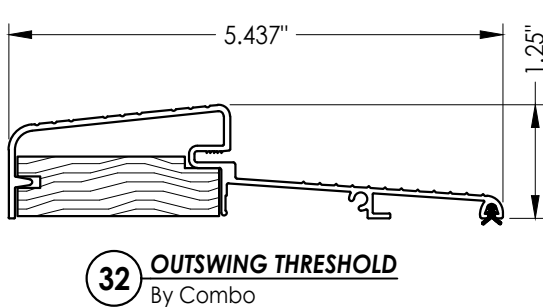
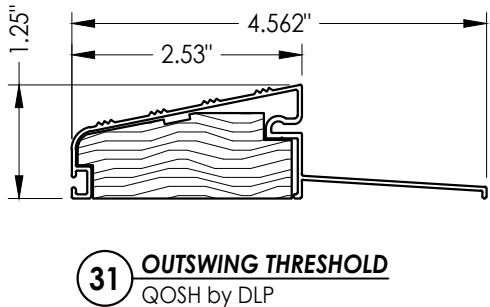
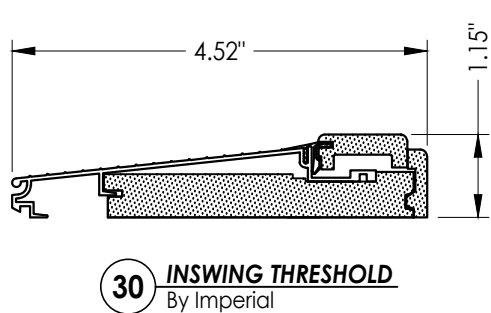
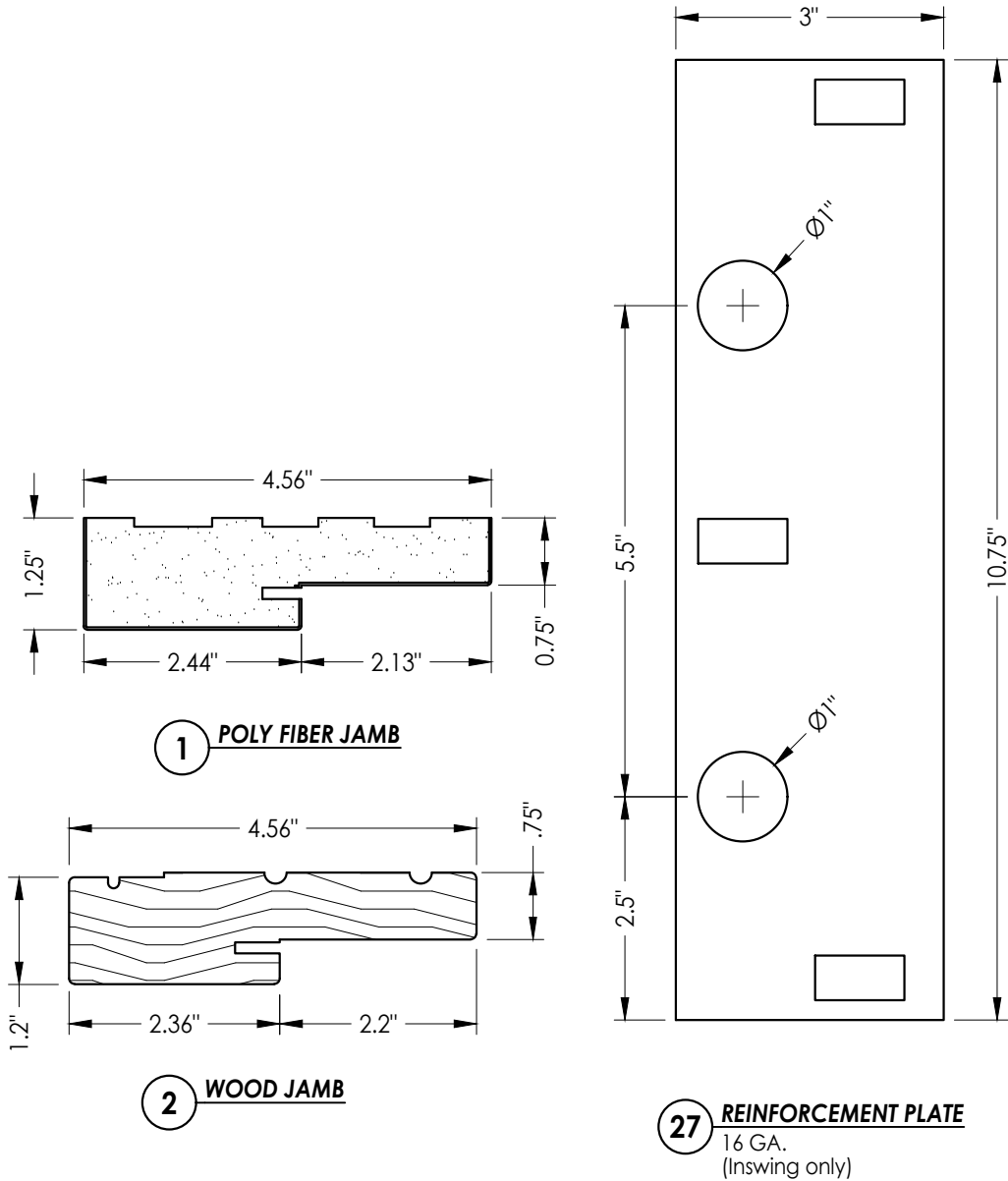
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(X)

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2	7/17/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY
DATE:	9/12/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15931.6	
SHEET	5	OF 6

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	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
F	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
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
1	JAMB - FINGERJOINT PINE	WOOD
2	JAMB - POLY FIBER	POLY FIBER
7	WEATHERSTRIP (Q-LON)	FOAM
8	DOOR BOTTOM SWEEP	VINYL
18	4" X 4" HINGE	STEEL
19	#10 X 3/4" PFH WS	STEEL
21	#10-24 X 5/8" M.S. W/ 1/2" STAFast INSERT P/N D102413	STEEL
22	#10-24 X 5/8" M.S. W/ 3/8" STAFast PRONG TEE NUT	STEEL
23	LATCH STRIKE PLATE	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	DEADBOLT STRIKE PLATE	STEEL
27	REINFORCEMENT PLATE	STEEL
30	INSWING THRESHOLD	ALUM/COMP
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-



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: TAYLOR FIBERGLASS DOOR				PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS			
2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 9/12/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15931.6							
SHEET 6 OF 6							