



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

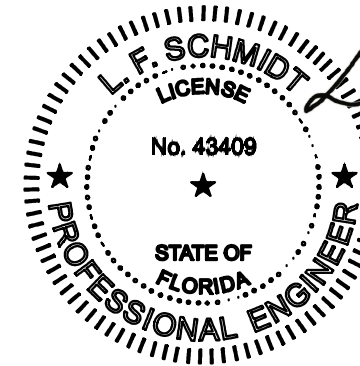
TIMBERLINE DELUXE

OPAQUE FIBERGLASS DOUBLE DOOR

w/ or w/o SIDELITES

"NON-IMPACT"

INSWING / OUTSWING



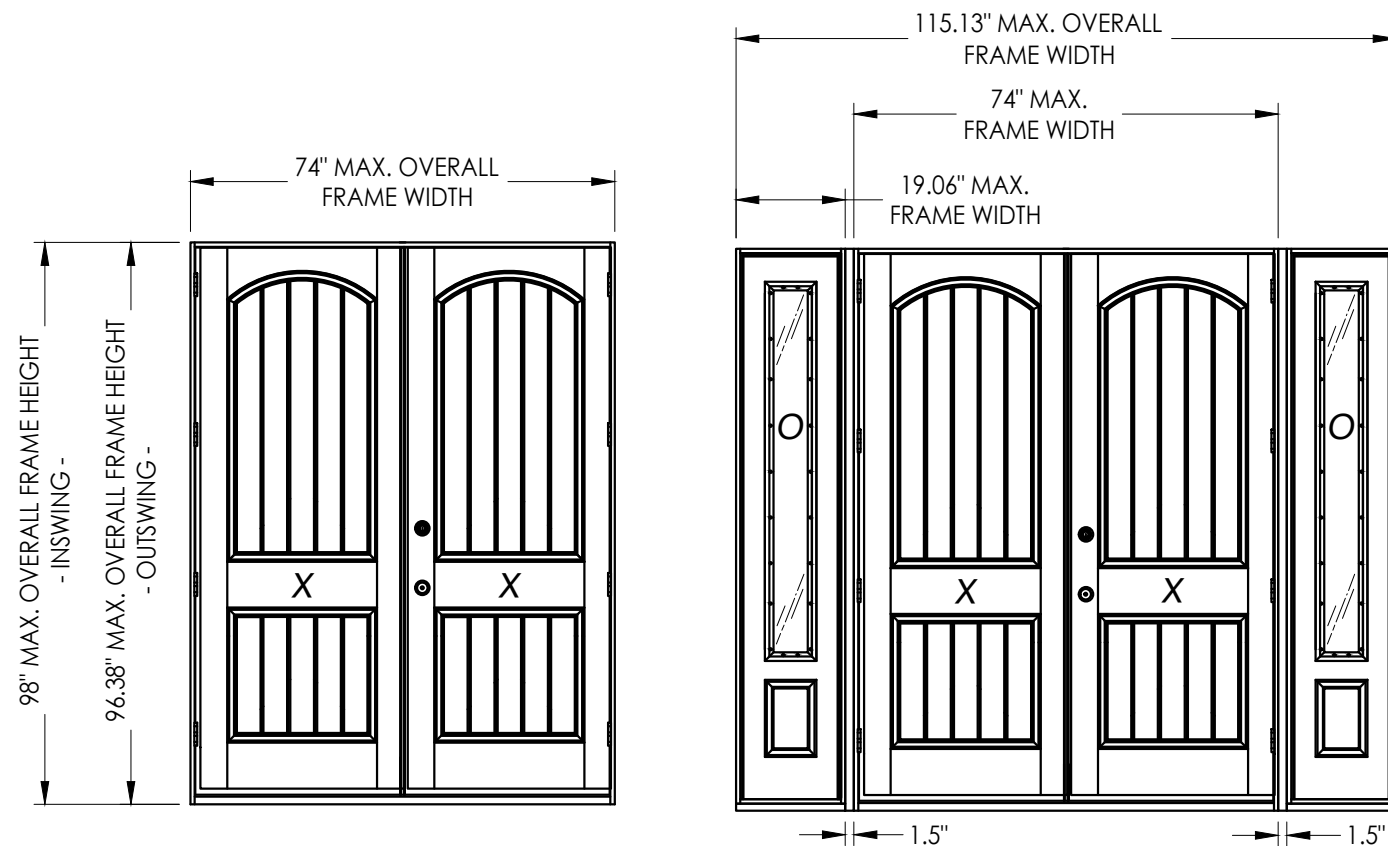
Digitally signed
by Lyndon F
Schmidt
Date: 2026.07.02
13:42:44 -04'00'

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

GENERAL NOTES

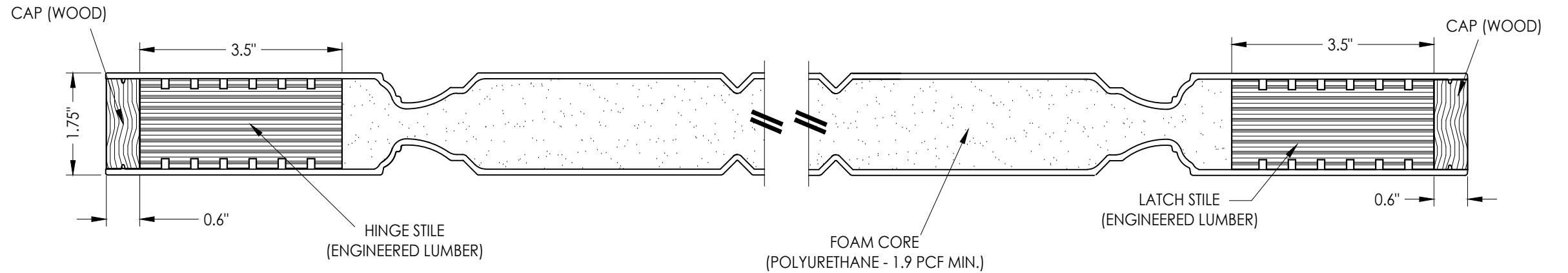
- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 & R301.2.1.2 of the FBC.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.



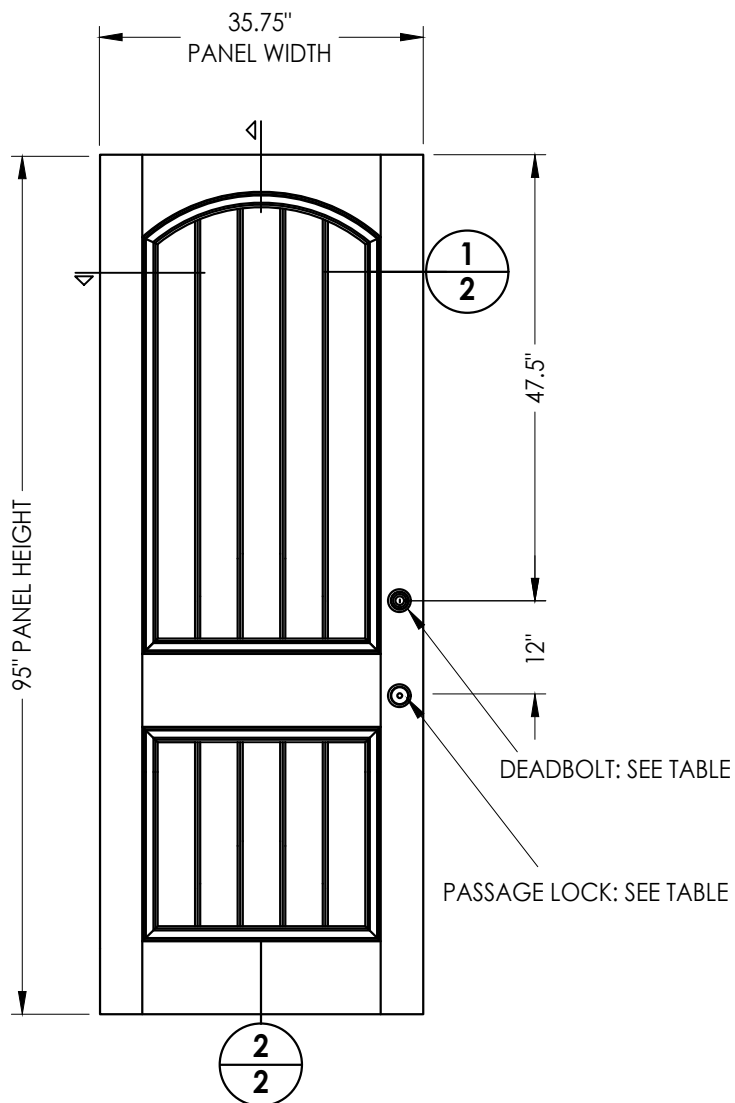
CONFIGURATION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 98.0"	N/A	+45.0	-45.0	+45.0	-45.0
OXXO	115.13" x 98.0"	7.0" x 63.13"	+45.0	-45.0	+45.0	-45.0

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross section
6	Vertical cross sections
7	Vertical cross sections
8	Buck and frame anchoring - (XX)
9	Buck and frame anchoring - (OXXO)
10	Bill of materials and components

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: 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			BY			
REVISIONS							
DATE: 9/12/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15931.8							
SHEET 1 OF 10							

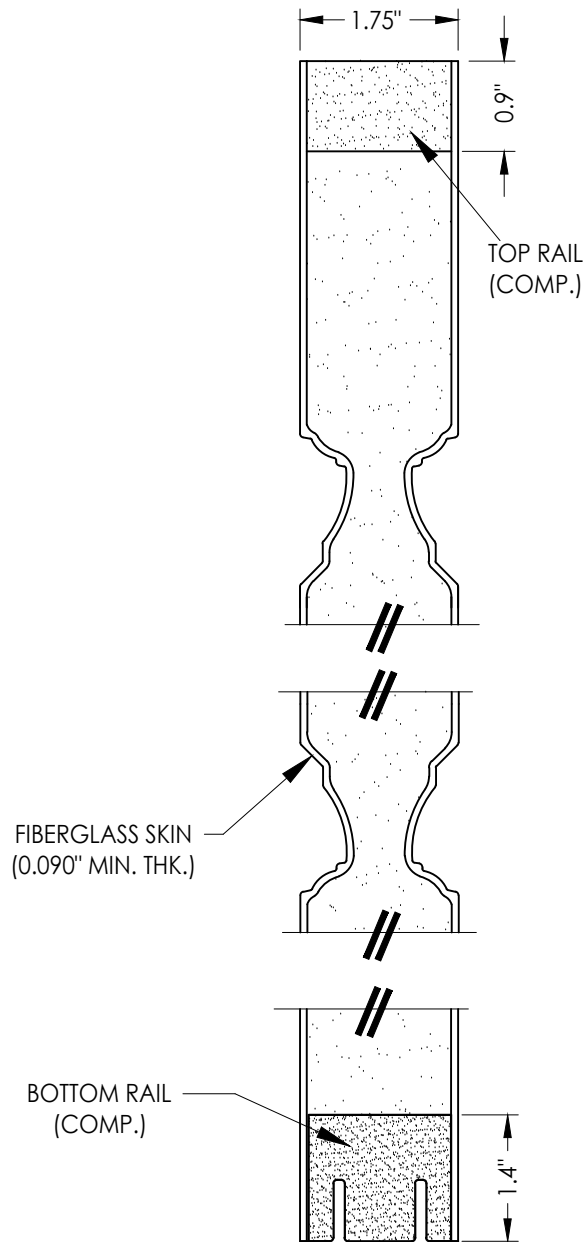


1 **HORIZONTAL CROSS SECTION**
2



40 **DOOR PANEL**
Taylor Door
w/ Mastergrain Fiberglass skins

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB: DEADBOLT:	KWIKSET SIGNATURE SERIES KWIKSET SIGNATURE SERIES (980)
KWIKSET	KNOB: DEADBOLT:	KWIKSET SERIES KWIKSET SERIES (660)
SCHLAGE	KNOB/LEVER: DEADBOLT:	"F" SERIES B60/62
COPPER CREEK	KNOB: DEADBOLT:	E-SERIES E-SERIES



2 VERTICAL CROSS SECTION

July 15, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

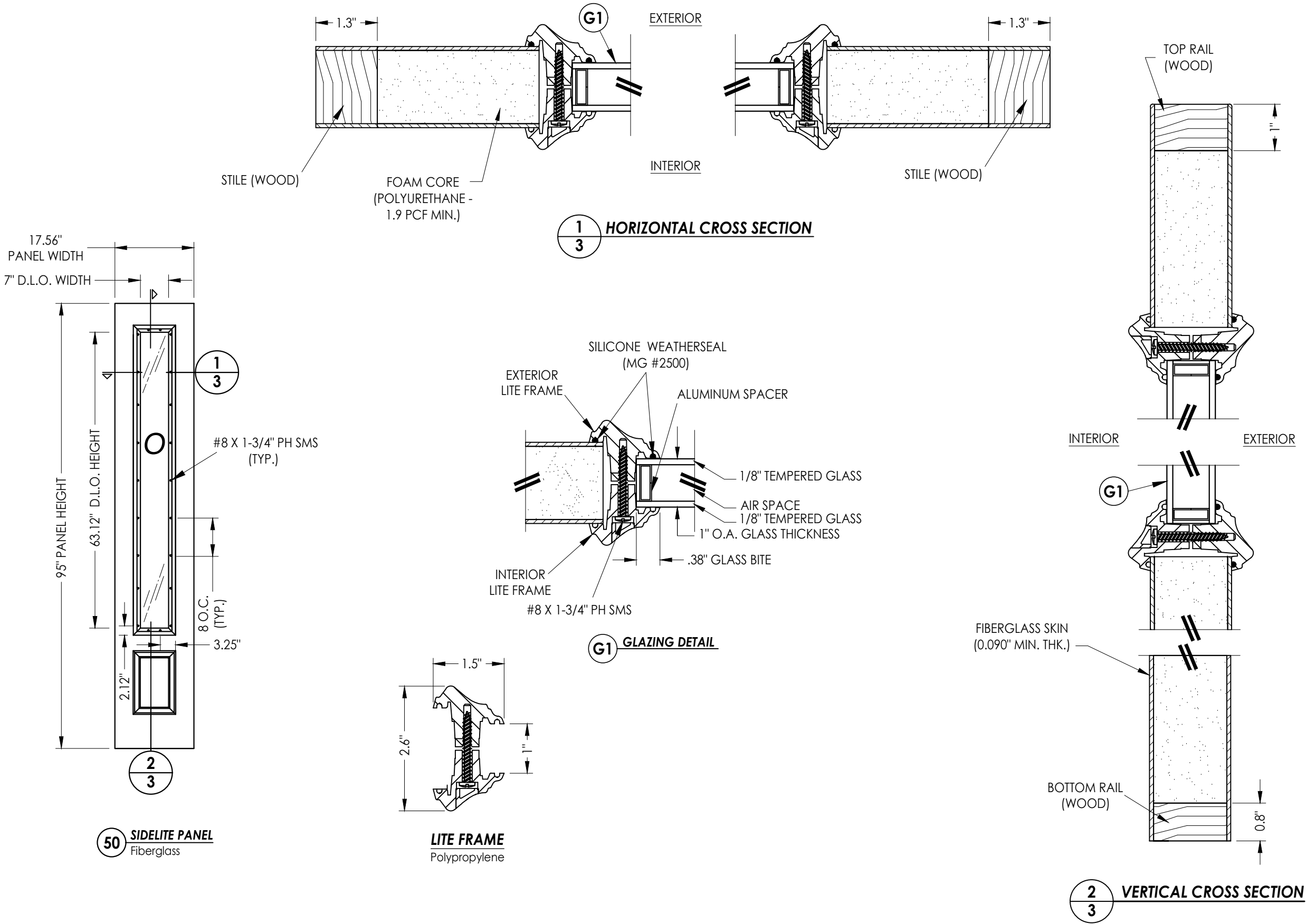
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TAYLOR FIBERGLASS DOOR

DOOR ASSEMBLY:
DOOR PANEL DETAILS

DATE:	9/12/12				
SCALE:	N.T.S.				
DWG. BY:	JK				
CHK. BY:	LFS				
DRAWING NO.:	FL-15931.8				
SHEET	2	OF	10		

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July 15, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
TAYLOR
FIBERGLASS DOOR

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

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: JK

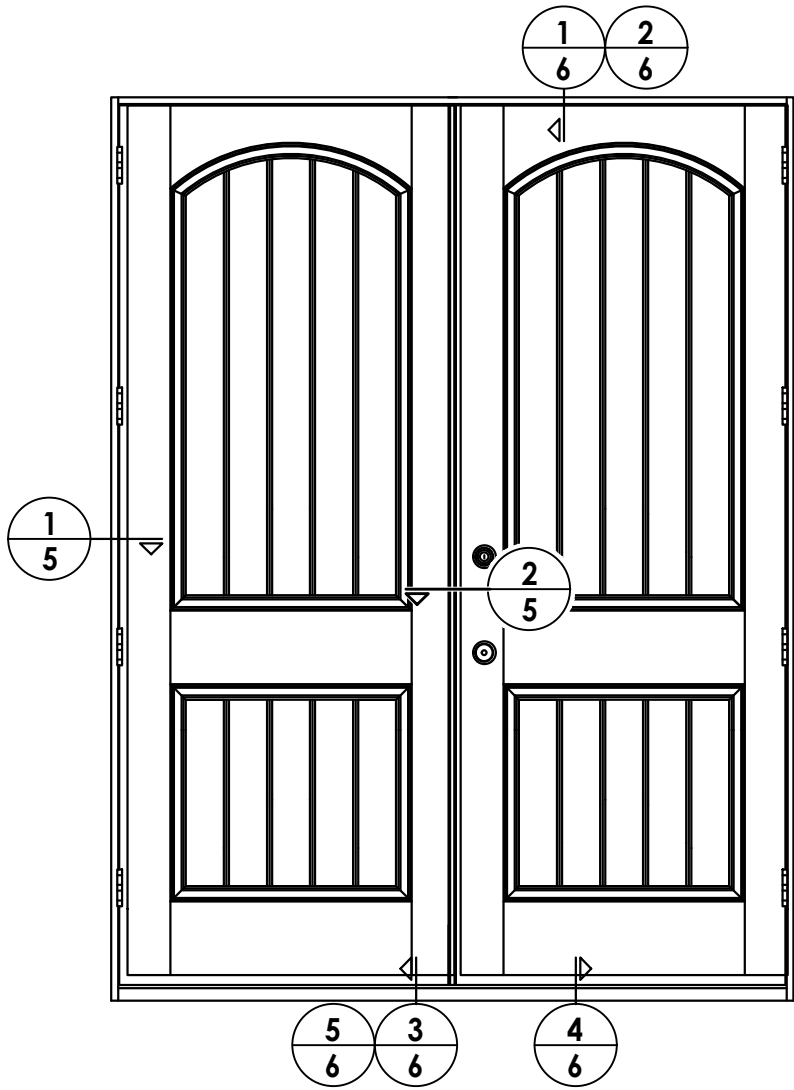
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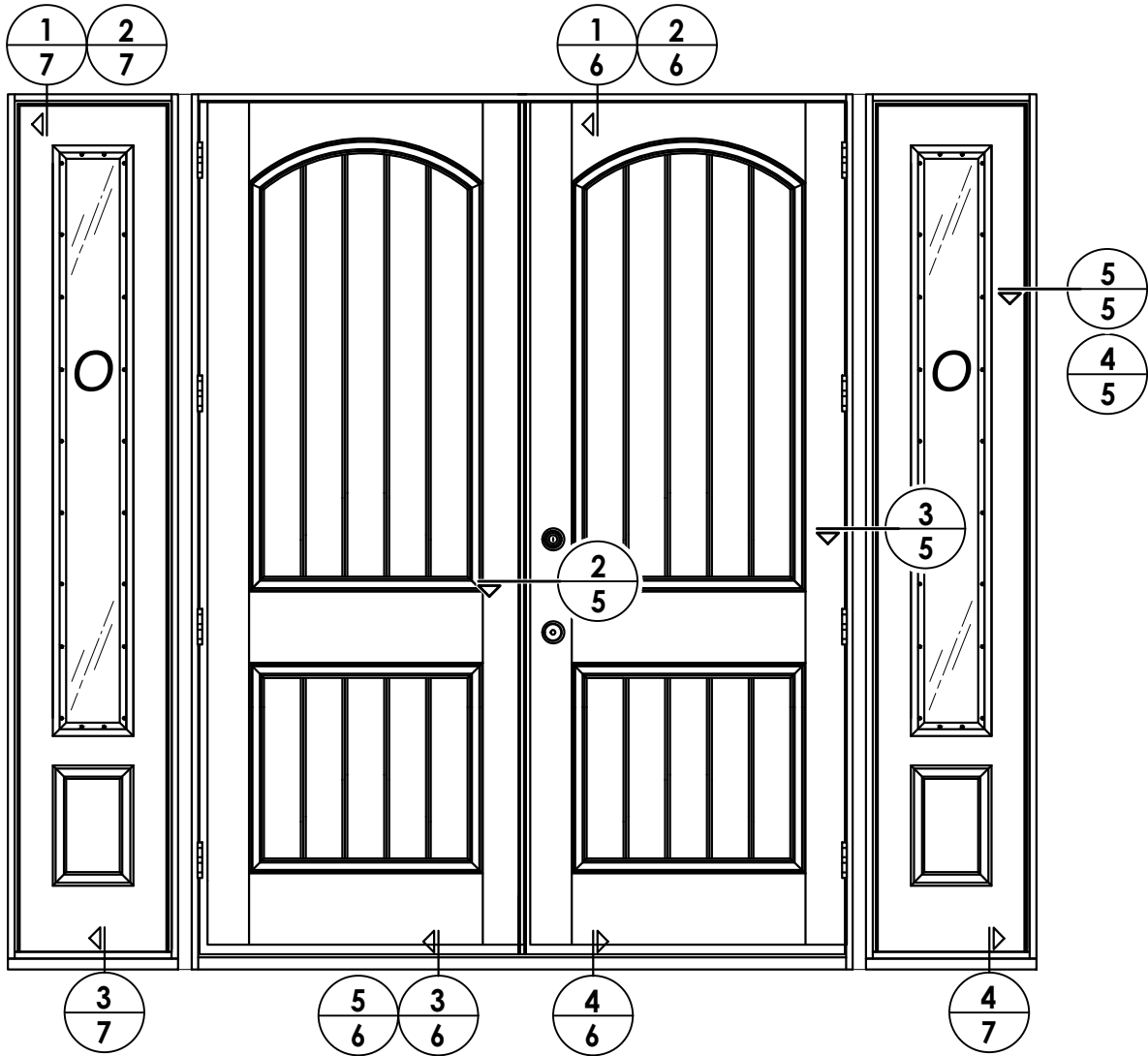
FL-15931.8

SHEET 3 OF 10

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Phone No.: 813.659.9197
FBPE Registry No. 9813



ELEVATION (XX)



ELEVATION (OXXO)

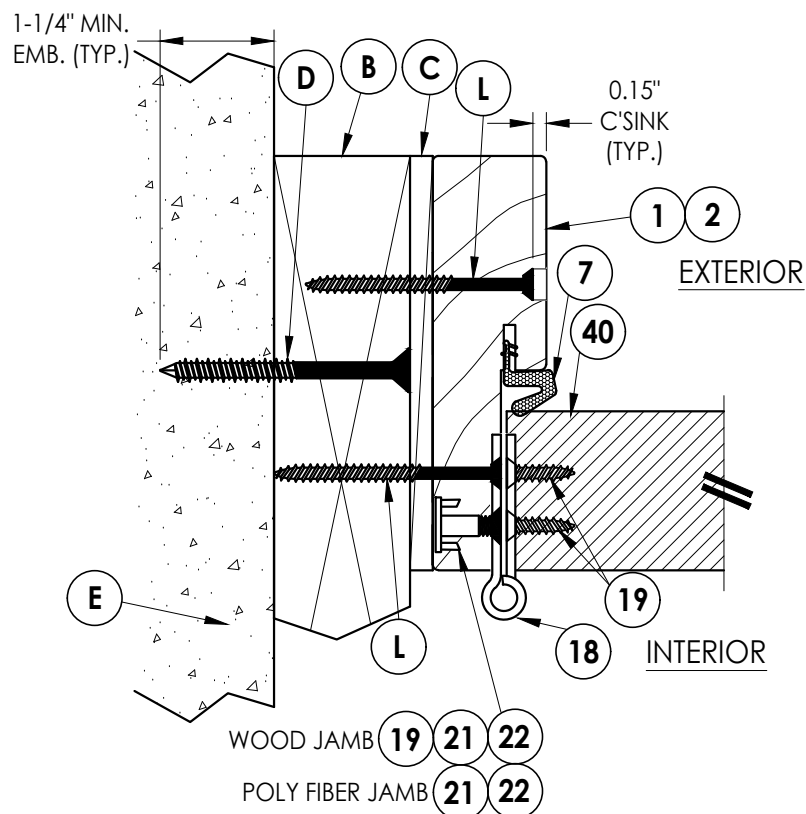
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SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15931.8	
SHEET 4	OF 10

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

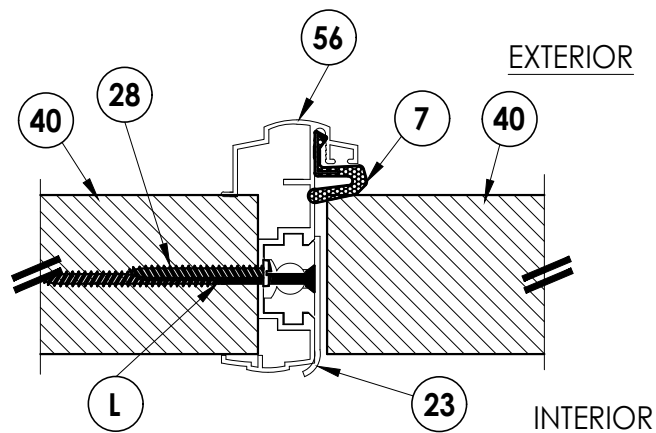
PRODUCT:	TAYLOR FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

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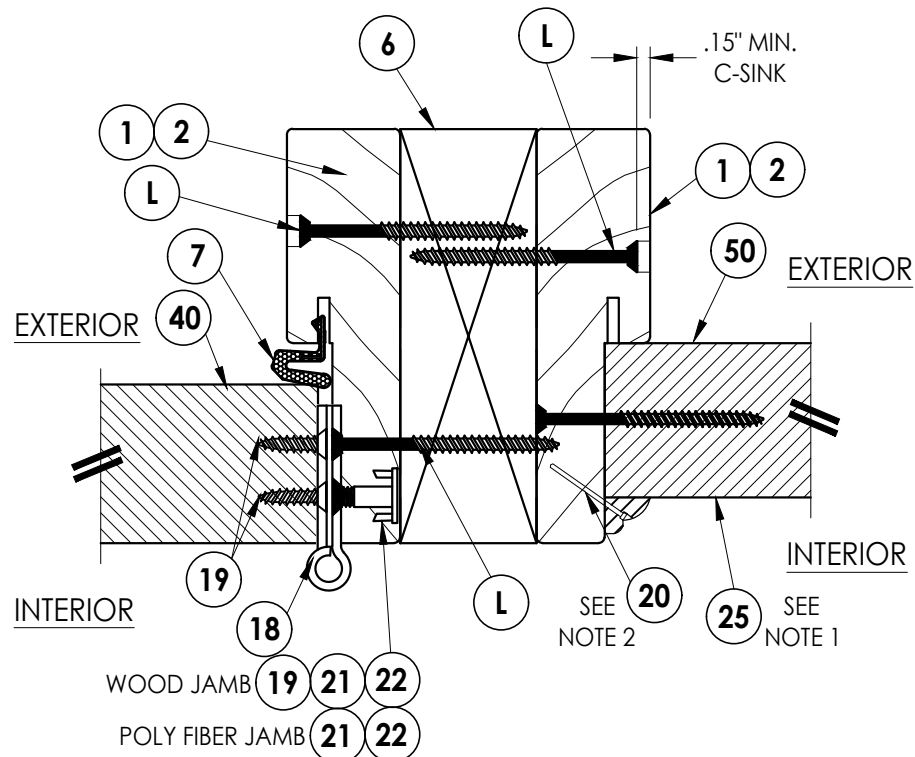
1 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved



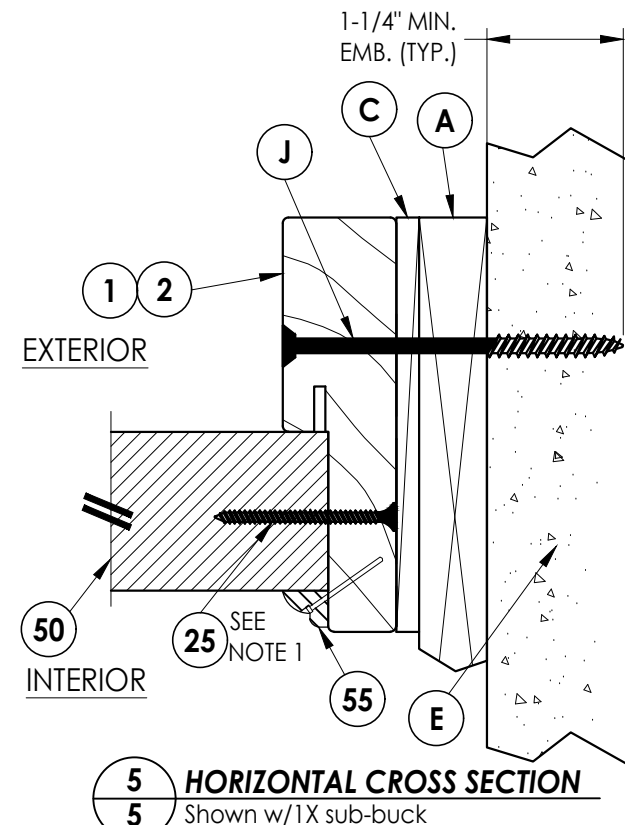
2 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved

NOTE:

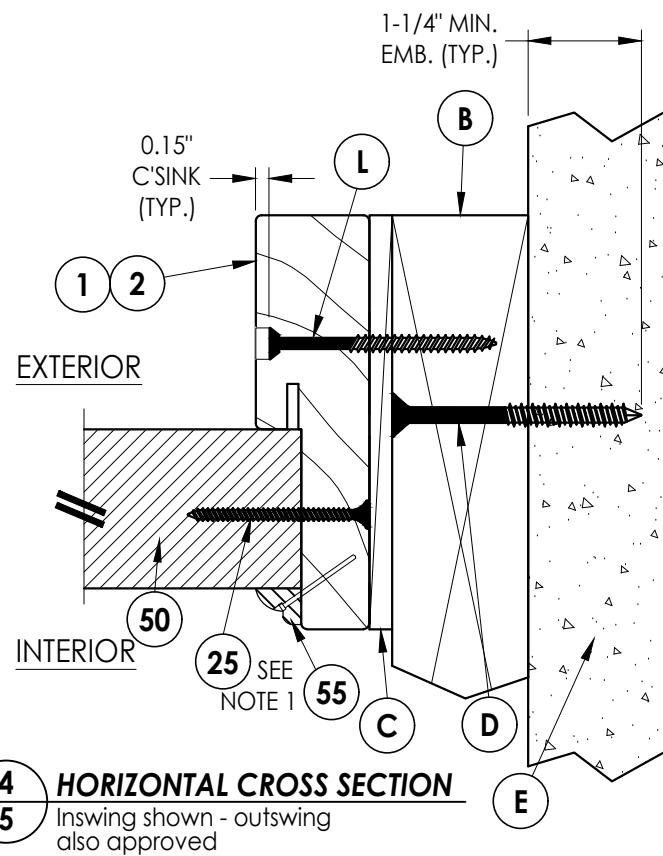
1. Sidelite ass'y fastener; 6" from each end and 6 more screws equally spaced between. (8 screws total per jamb.)
2. Trim secured with 1" Brad Nail @ 6" O.C. (TYP).



3 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved



4 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved



5 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved

Documents Prepared By:
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P.E. No. 43409

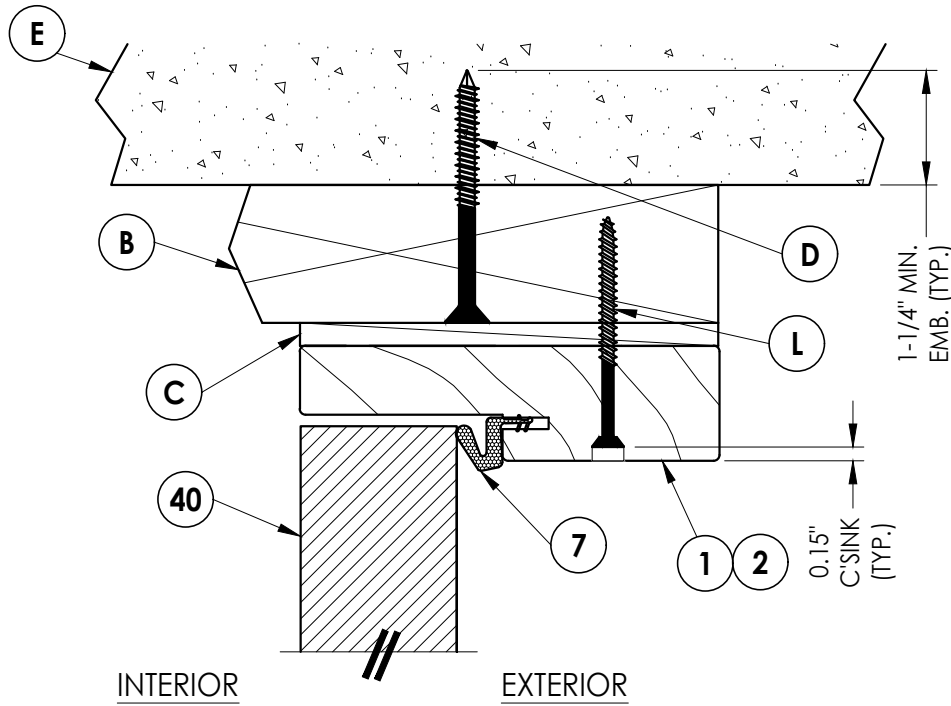
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
TAYLOR
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

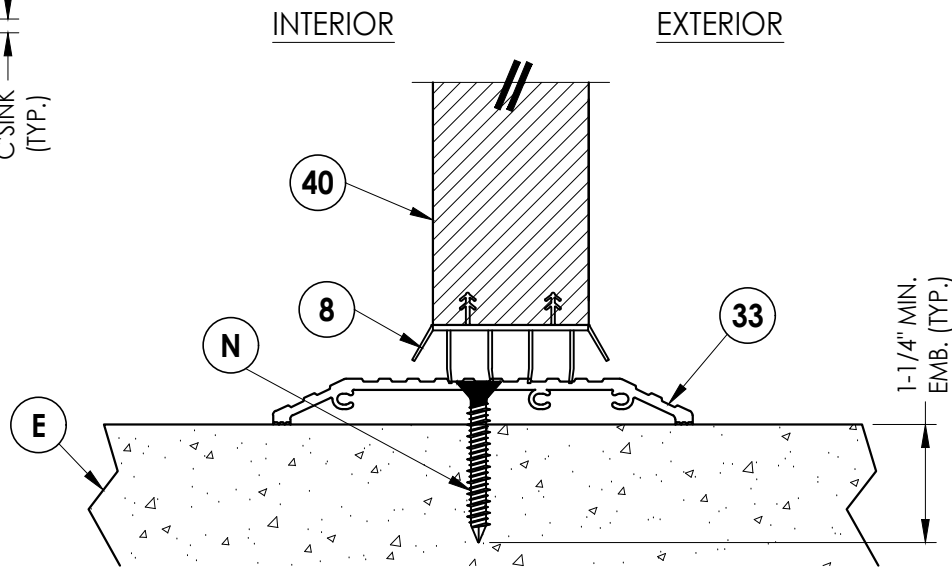
NO.	DATE	REVISIONS	BY
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4	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/15/20	UPDATE TO 7th ED (2020) FBC	LFS
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 9/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15931.8
SHEET 5 OF 10

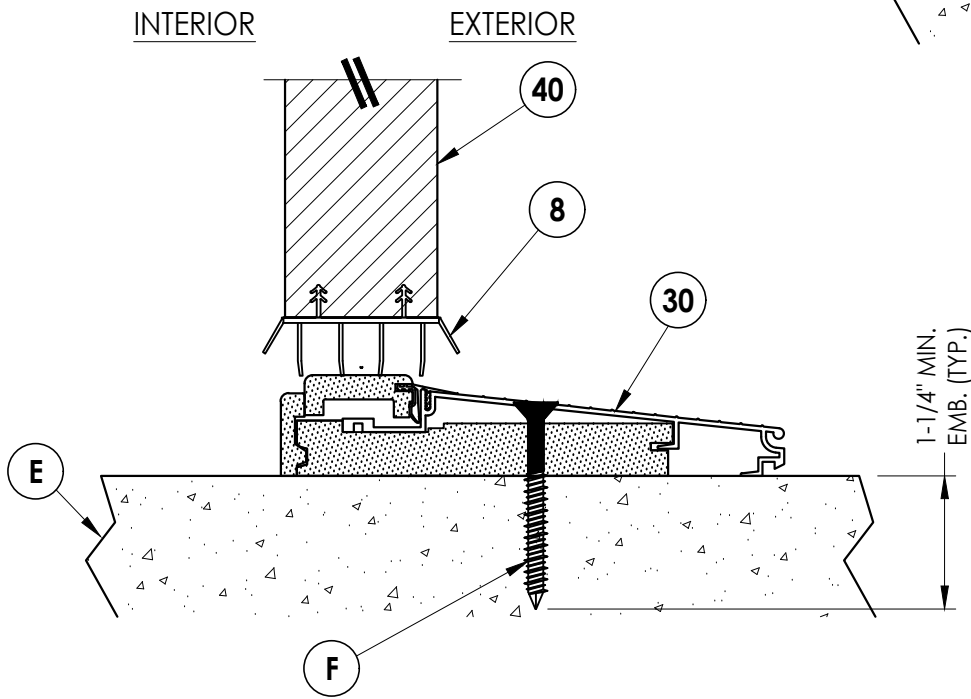
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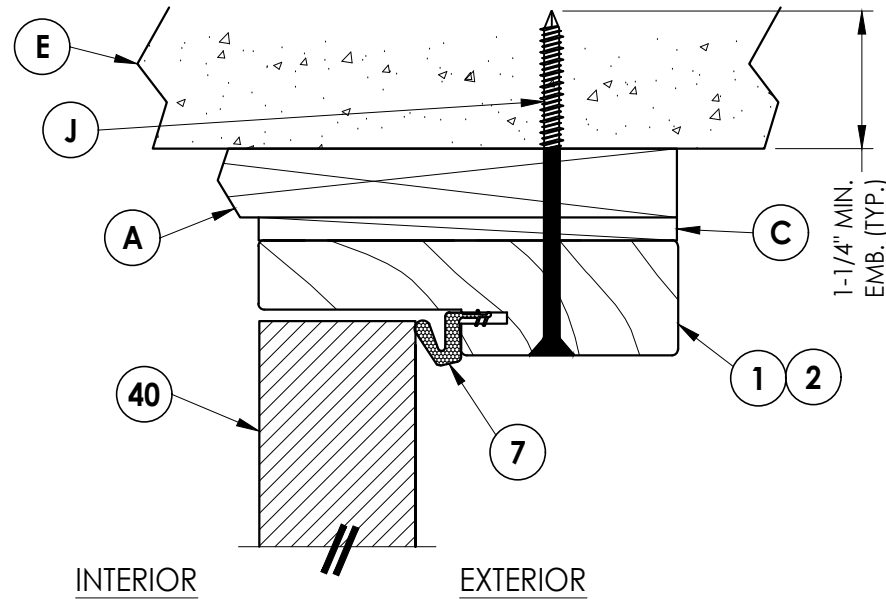
1
6 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



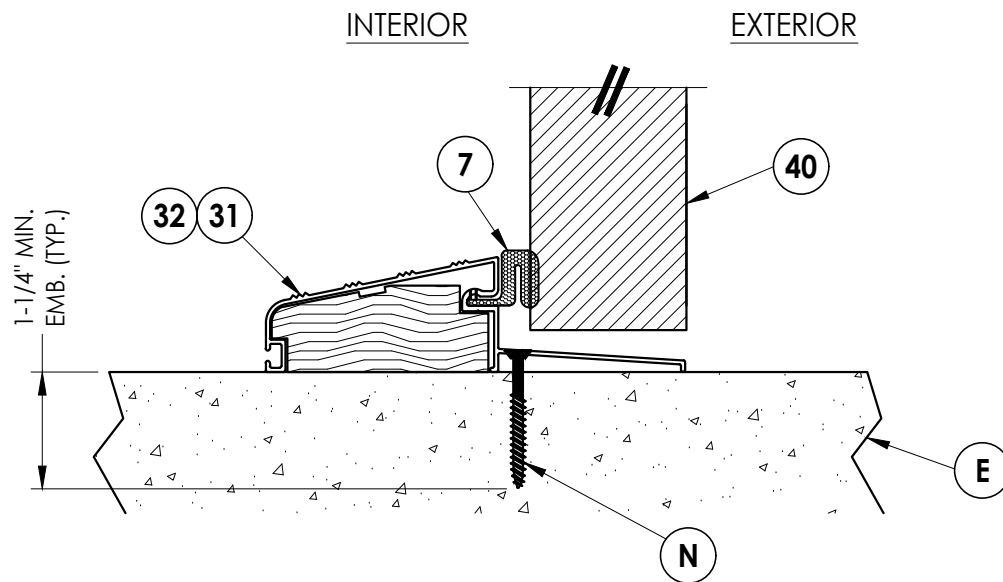
5
6 **VERTICAL CROSS SECTION**
Shown w/ ADA threshold



3
6 **VERTICAL CROSS SECTION**
Inswing configuration



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



4
6 **VERTICAL CROSS SECTION**
Outswing configuration

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW 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:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS					
		BY	JK	JK	JK	JK	JK
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			
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1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK			

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: JK

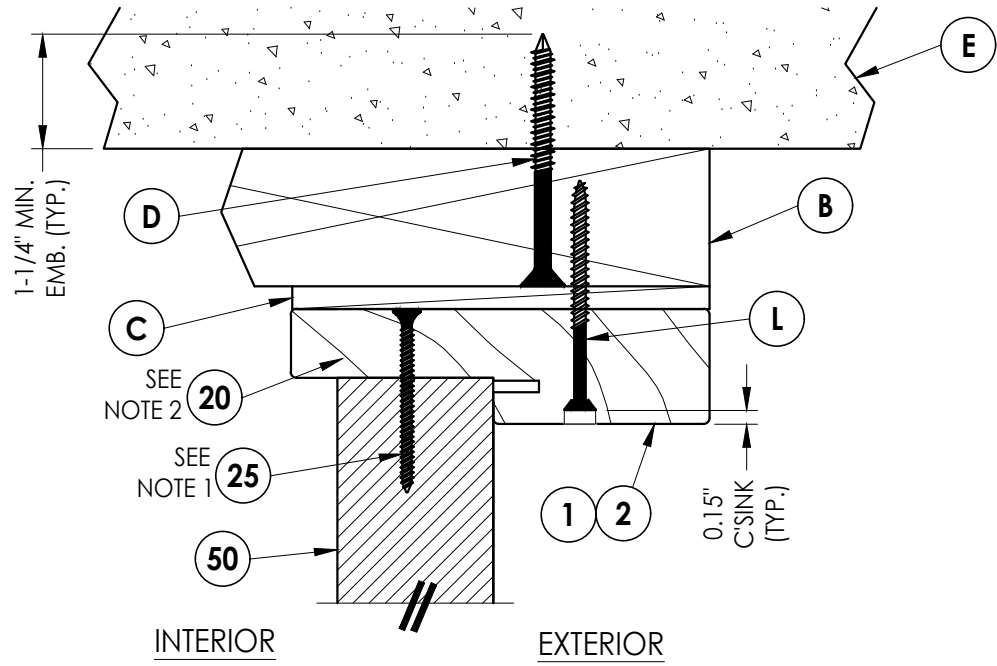
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DRAWING NO.:

FL-15931.8

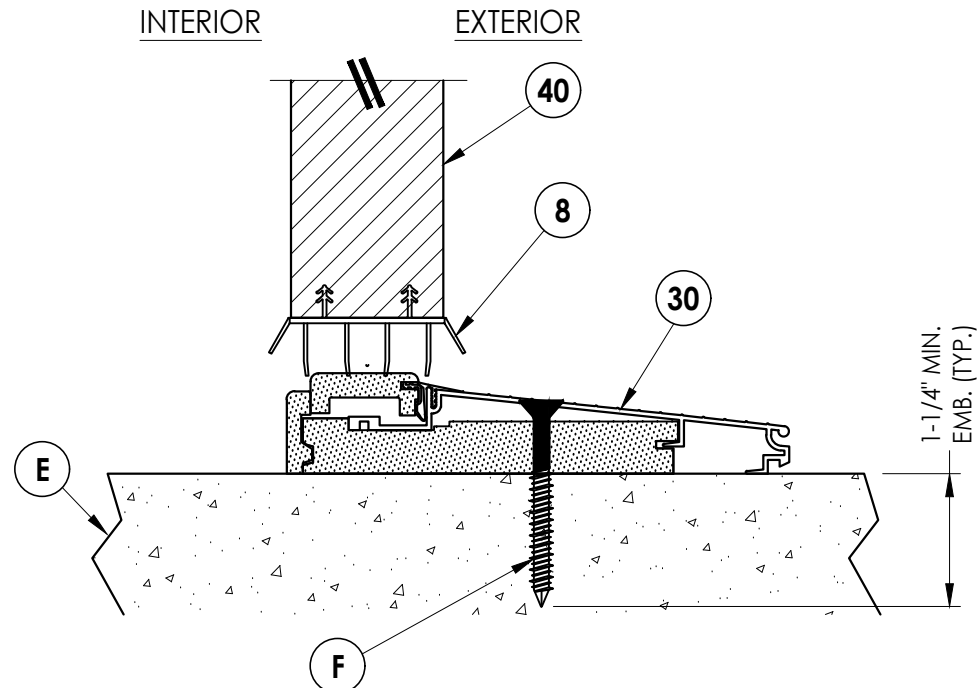
SHEET 6 OF 10

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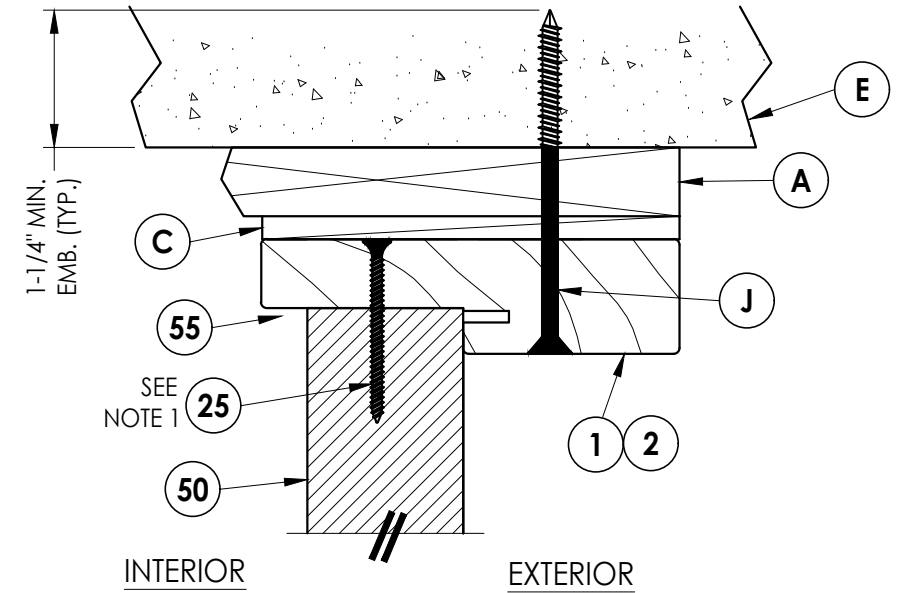


1
7 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved

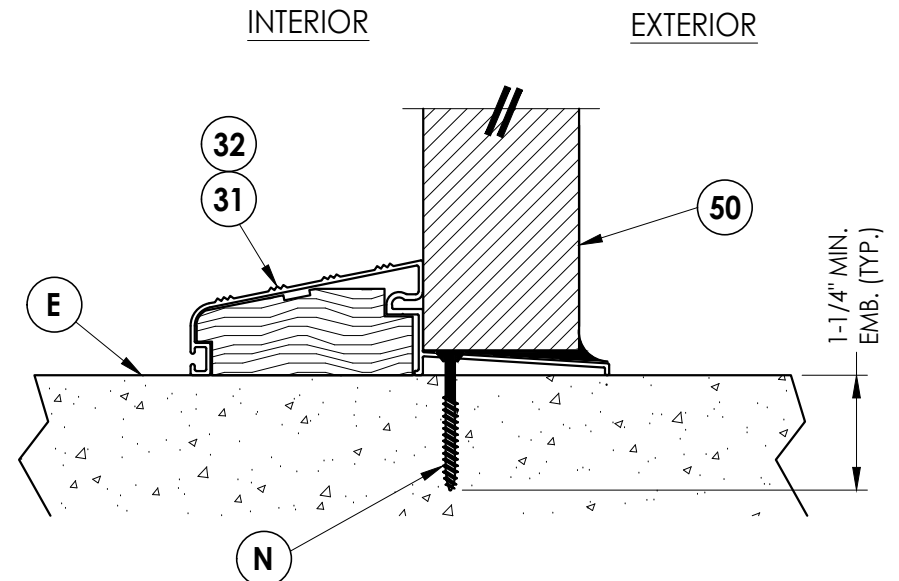
- NOTE:
1. Screws thru head jamb located 3" from each end.
 2. Trim secured with 1" Brad Nail @ 6" O.C. (TYP).



3
7 **VERTICAL CROSS SECTION**
Inswing configuration



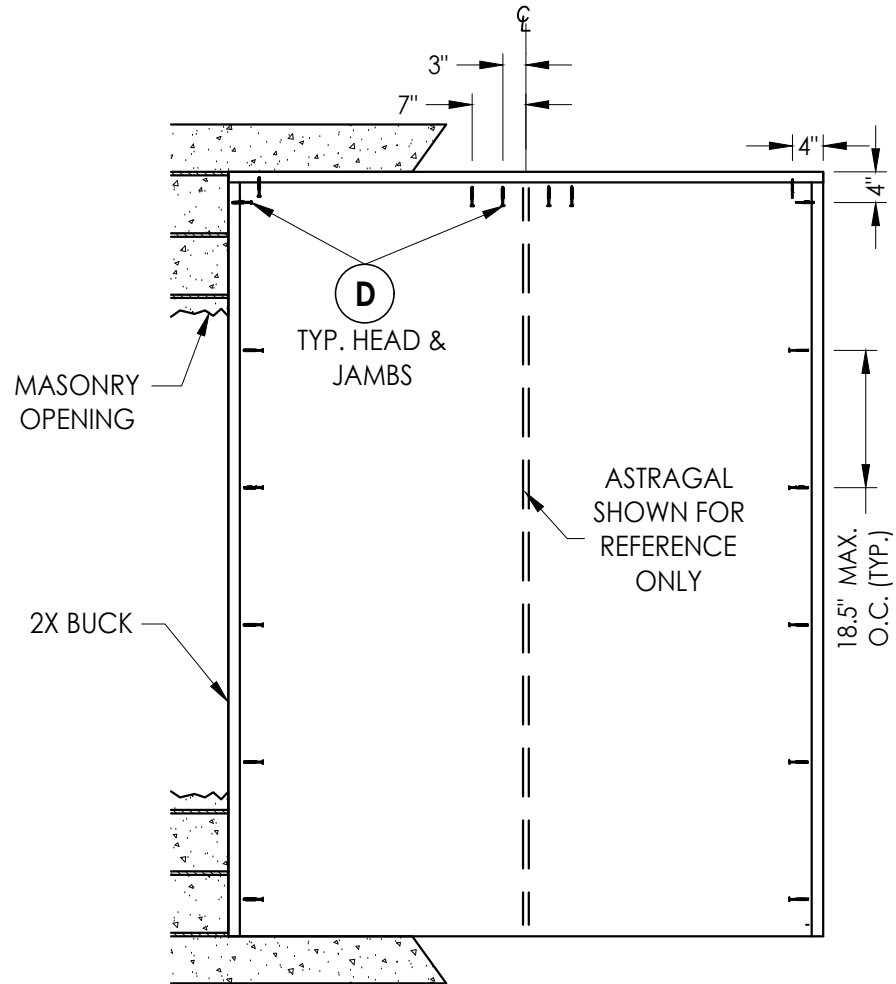
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7 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck



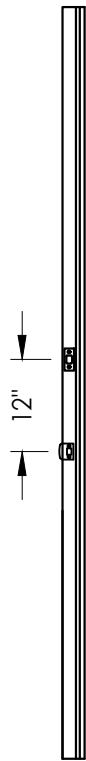
4
7 **VERTICAL CROSS SECTION**
Outswing configuration

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: VERTICAL CROSS SECTIONS		
		REVISIONS		
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			
DATE: 9/12/12				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15931.8				
SHEET 7 OF 10				

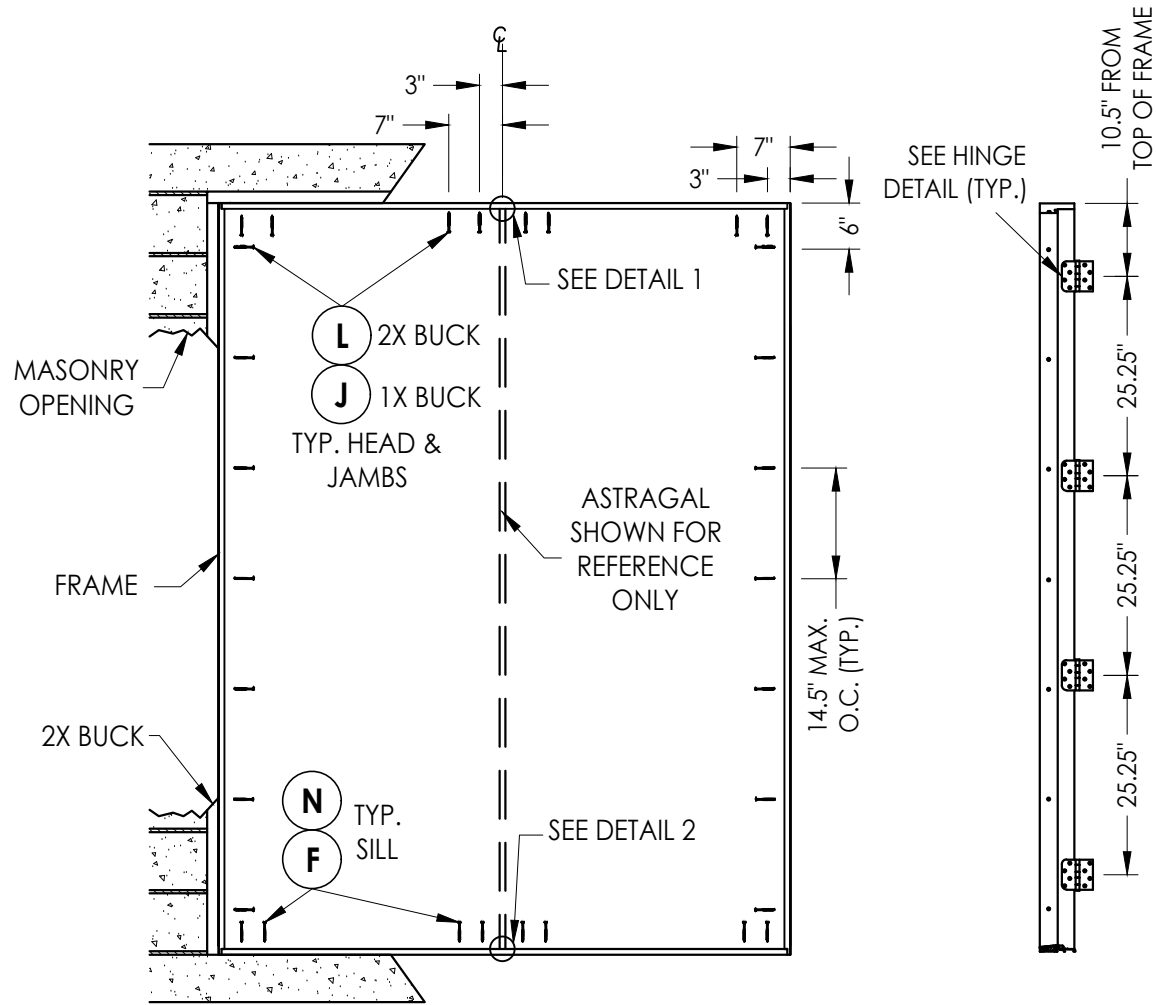
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BUCK ANCHORING



ASTRAGAL



FRAME ANCHORING
Masonry construction

HINGE JAMB

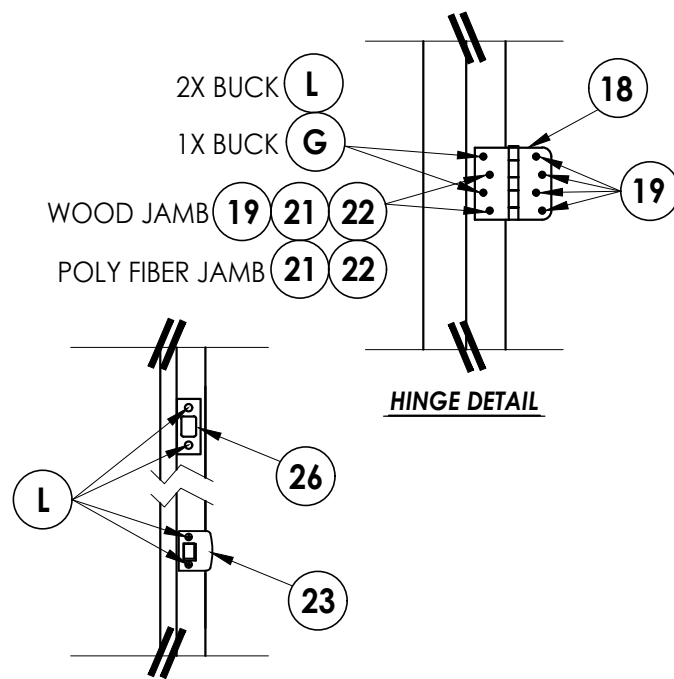
CONCRETE ANCHOR NOTES:

- 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:

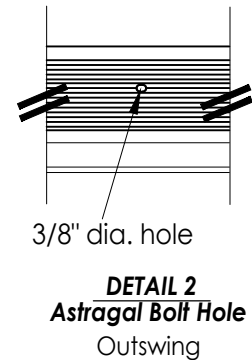
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

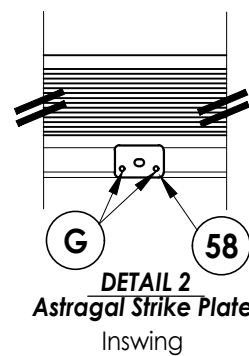
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



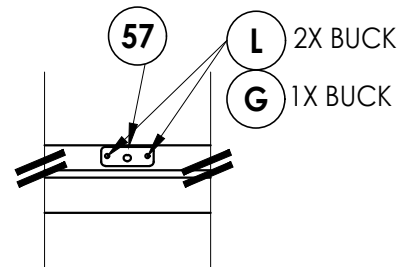
LATCH & DEADBOLT DETAIL



DETAIL 2
Astragal Bolt Hole
Outswing



DETAIL 2
Astragal Strike Plate
Inswing



DETAIL 1
Astragal Strike Plate

Documents Prepared By:
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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:
BUCK & FRAME ANCHORING
(XX)

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
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2	7/17/17	UPDATE TO 6TH ED. (2017) FBC JK
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DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: JK

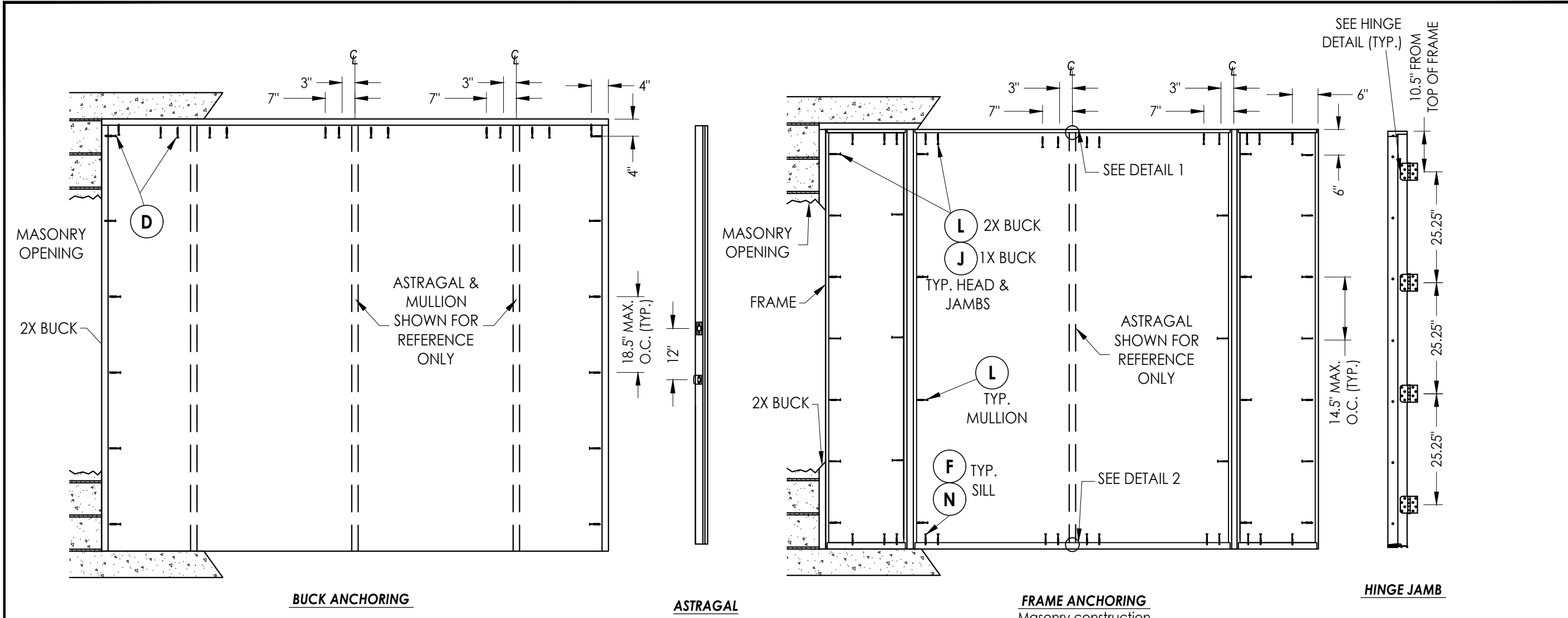
CHK. BY: LFS

DRAWING NO.:

FL-15931.8

SHEET 8 OF 10

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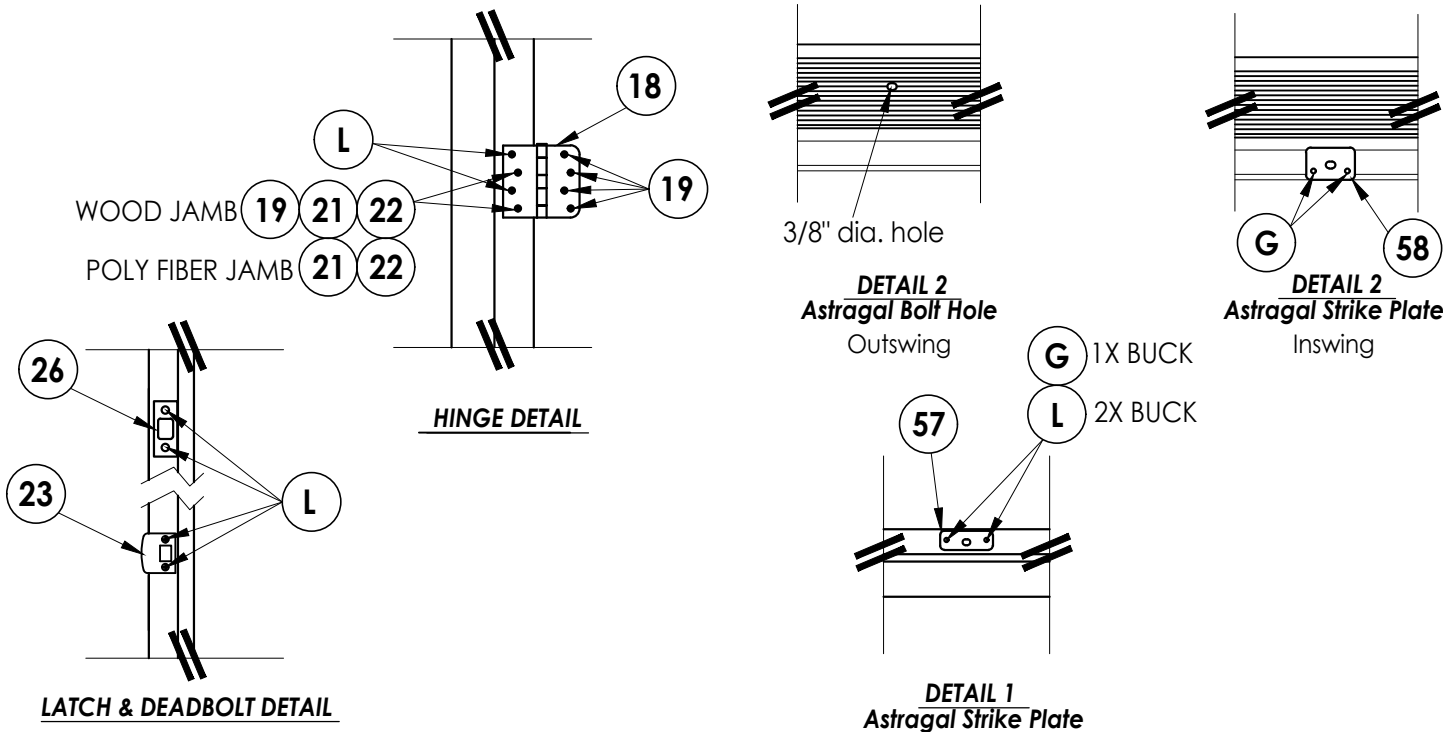
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WOOD SCREW INSTALLATION NOTES:

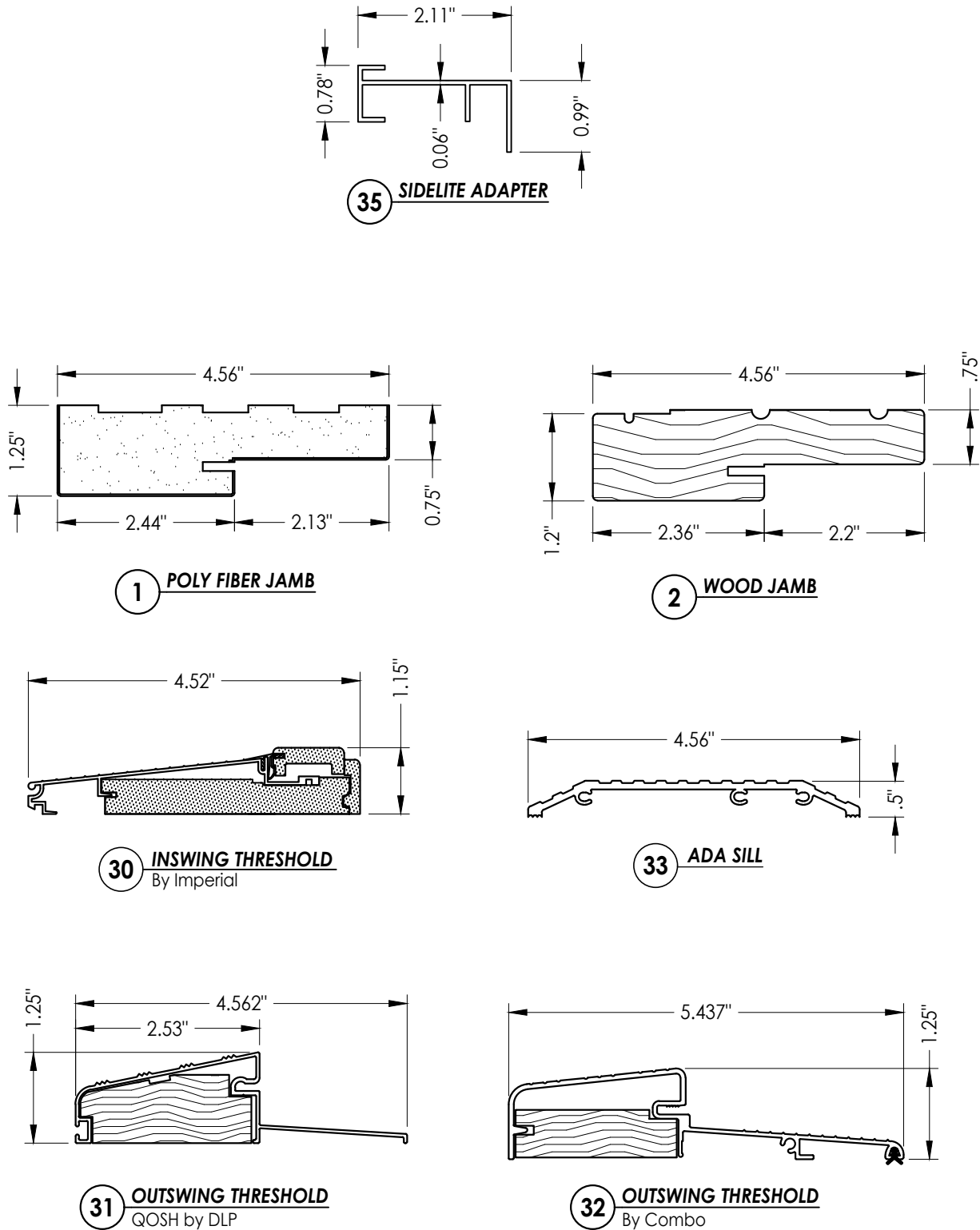
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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PRODUCT: TAYLOR FIBERGLASS DOOR				PART OR ASSEMBLY: BUCK & FRAME ANCHORING (OXXO)			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC				LFS
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2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC				JK
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NO.	DATE						BY
				REVISIONS			
DATE: 9/12/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15931.8							
SHEET 9 OF 10							

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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" 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 2-1/4" 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
N	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	JAMB - FINGERJOINT PINE	WOOD
2	JAMB - POLY FIBER	POLY FIBER
6	2X MULLION SG > = 0.55	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
18	4" X 4" HINGE	STEEL
19	#10 X 3/4" PFH WS	STEEL
20	1" BRAD NAIL	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 STRIKEPLATE	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	DEADBOLT STRIKE PLATE	STEEL
28	#8 X 1-1/2" PFH SMS	STEEL
30	INSWING THRESHOLD	ALUM/COMP
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	ADA THRESHOLD	ALUM
35	SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
55	SIDELITE TRIM	WOOD
56	ASTRAGAL (IMPERIAL)	ALUMINUM
57	ASTRAGAL TOP STRIKE PLATE	STEEL
58	ASTRAGAL BOTTOM STRIKE PLATE	STEEL



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-15931.8				
SHEET 10 OF 10				