



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

TIMBERLINE DELUXE

OPAQUE FIBERGLASS DOUBLE DOOR

w/ or w/o SIDELITES

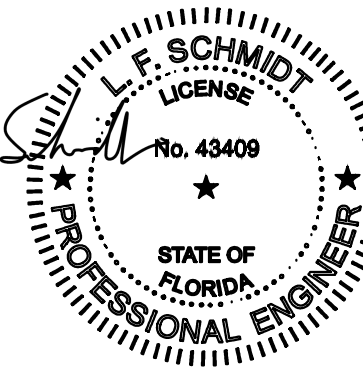
"NON-IMPACT"

INSWING / OUTSWING

Digitally signed
by Lyndon F Schmidt
Date: 2023.07.06
15:58:43 -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



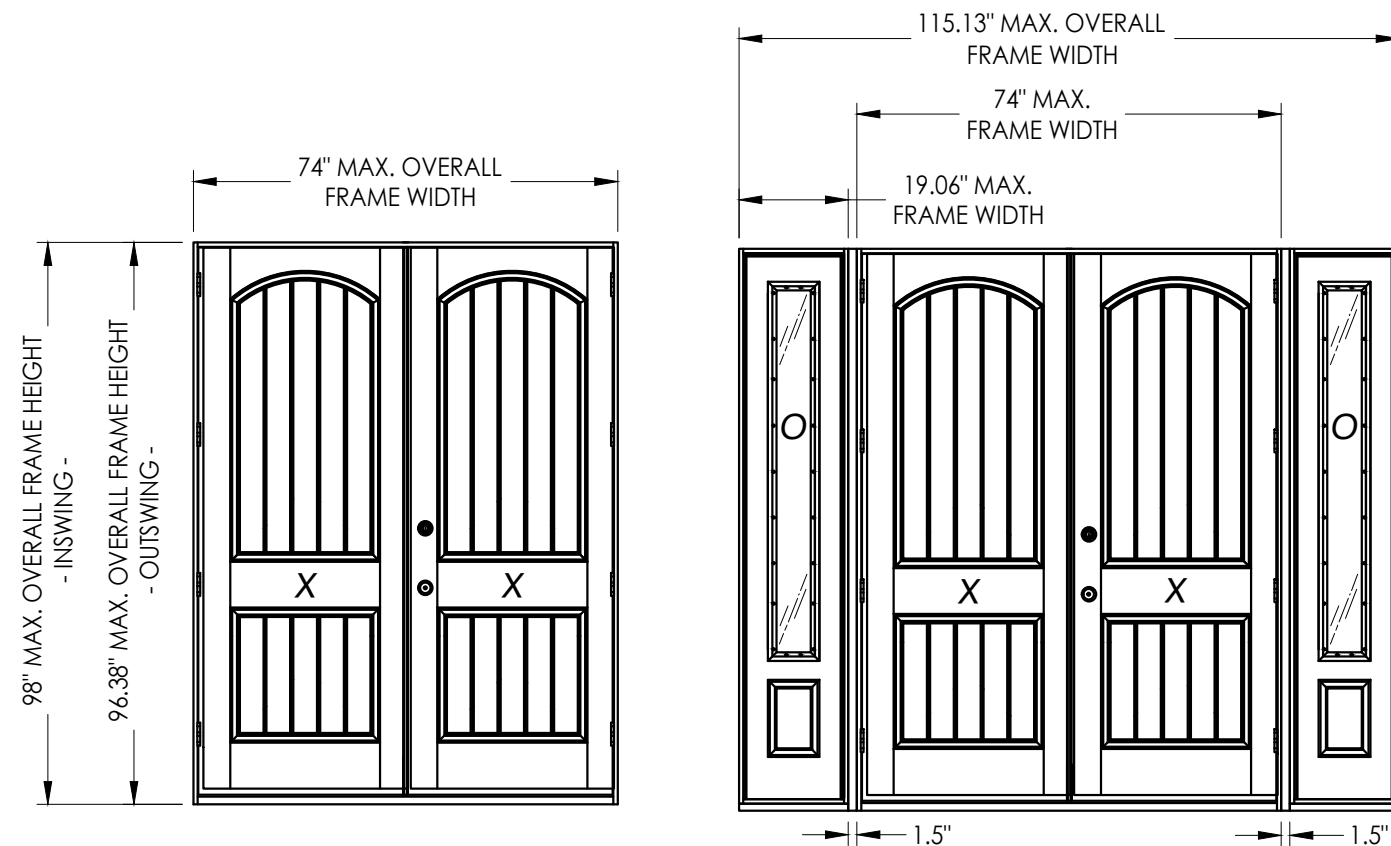
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

RW

GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) 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

PRODUCT:		TAYLOR FIBERGLASS DOOR		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	

35.75"
PANEL WIDTH

95" PANEL HEIGHT

47.5"

12"

DEADBOLT: SEE TABLE

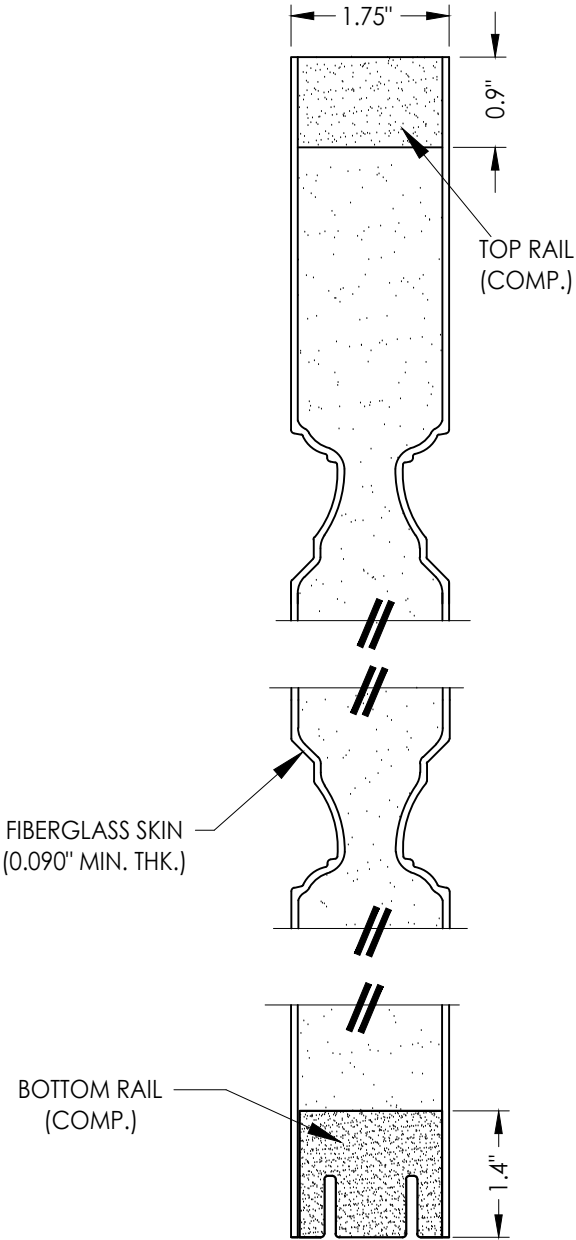
PASSAGE LOCK: SEE TABLE

1
2

2
2

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
2



July 15, 2020

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PRODUCT: TAYLOR FIBERGLASS DOOR

PART OR ASSEMBLY: DOOR PANEL DETAILS

[illegible]

DATE: 9/12/12

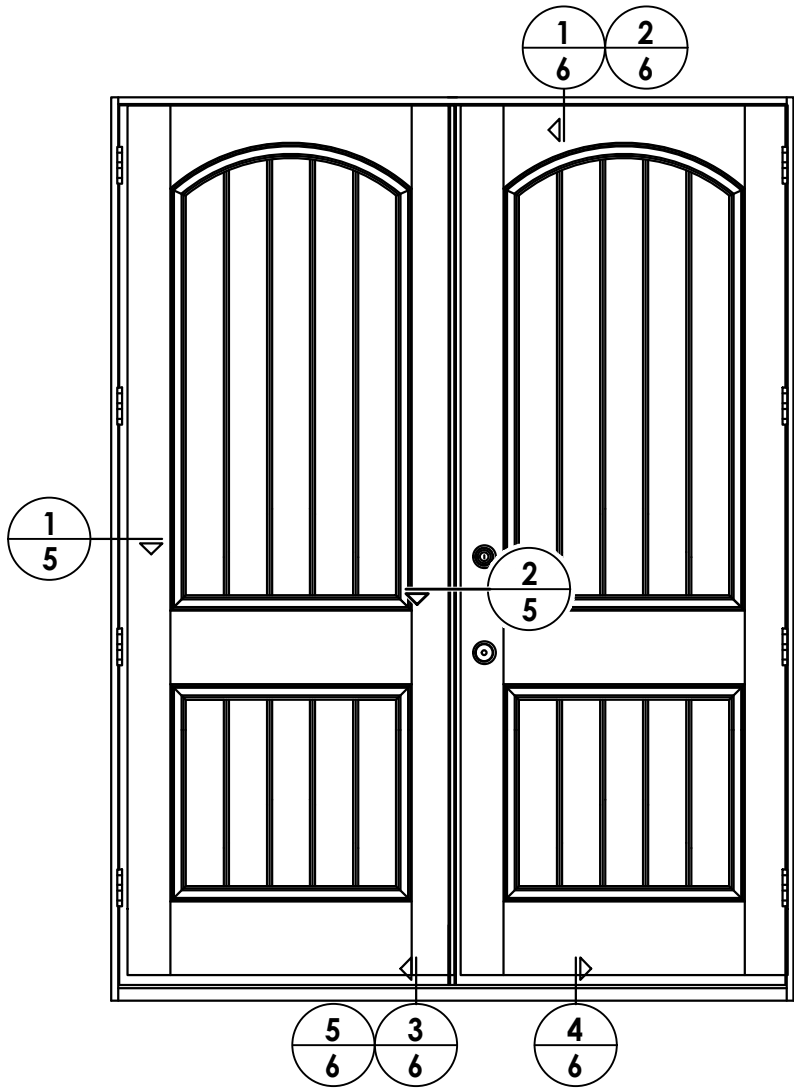
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DWG. BY: JK

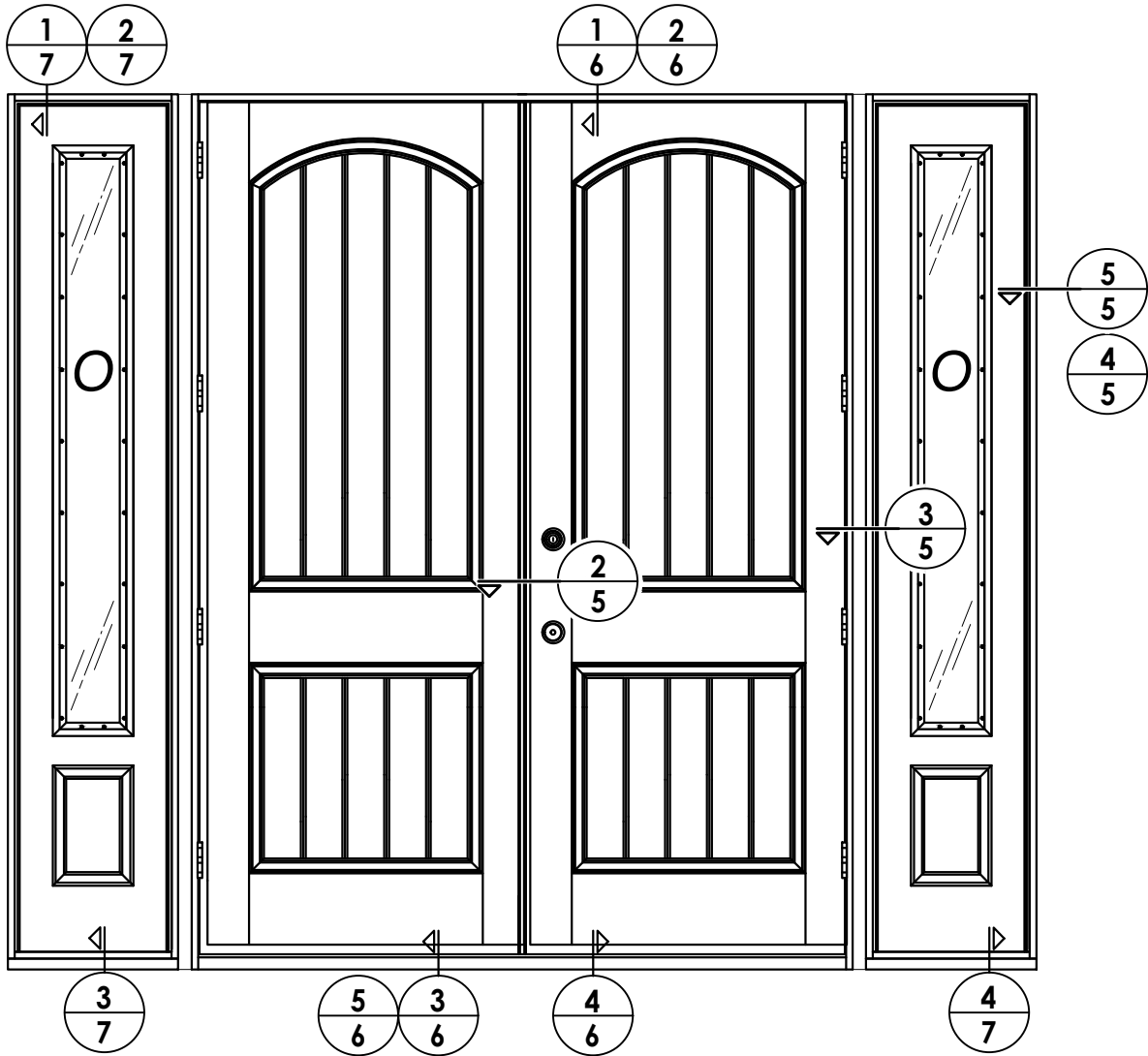
CHK. BY: LFS

DRAWING NO.:
FL-15931.8

SHEET 2 OF 10



ELEVATION (XX)



ELEVATION (OXXO)

DATE: 9/12/12	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15931.8	
SHEET 4	OF 10

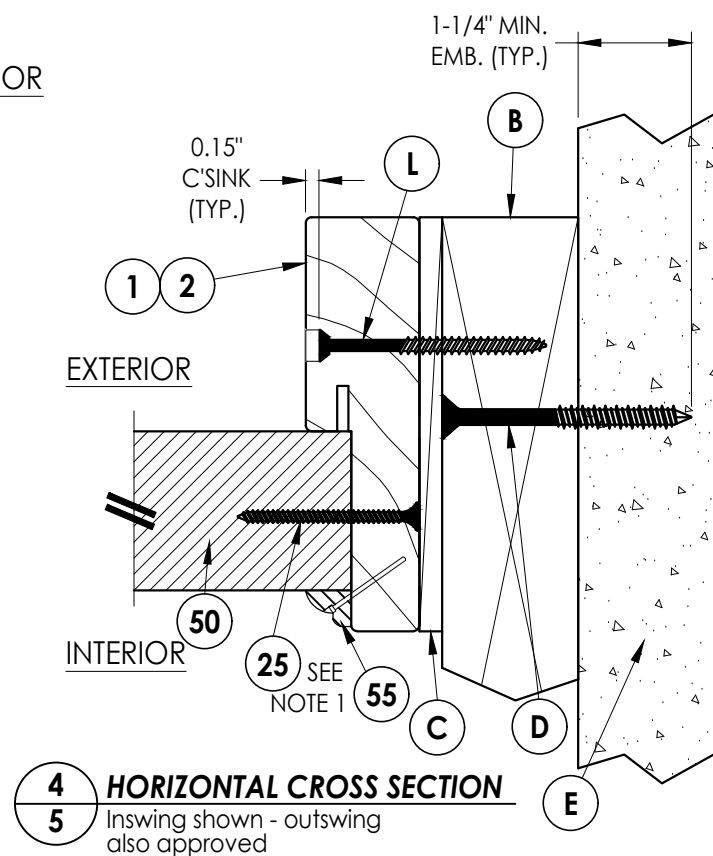
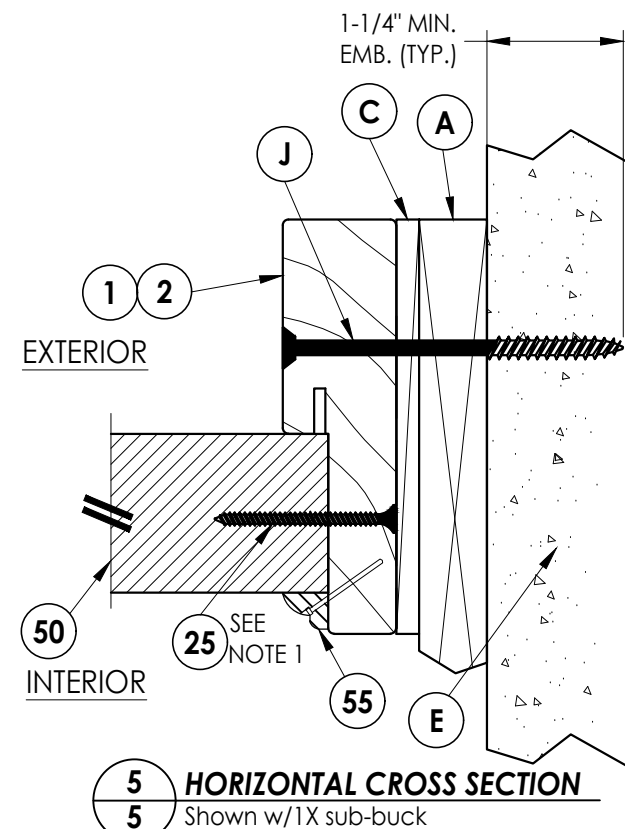
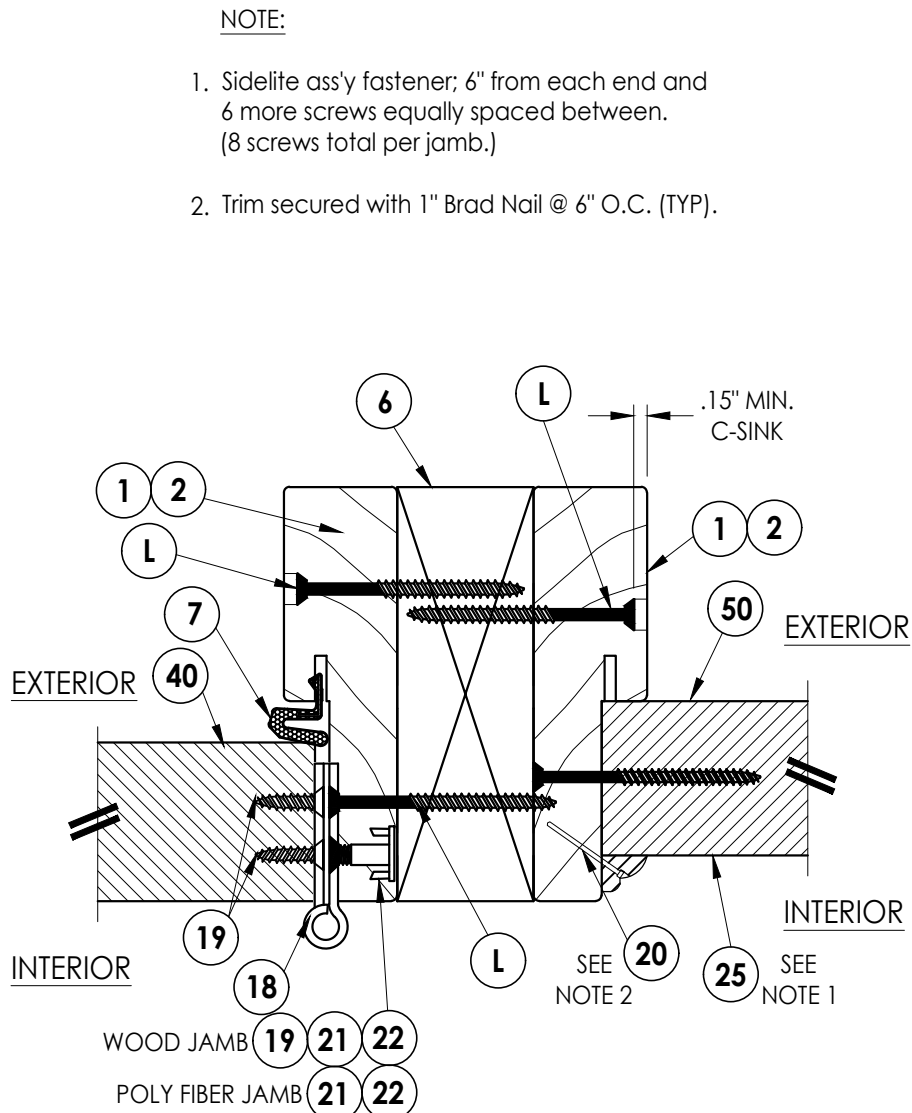
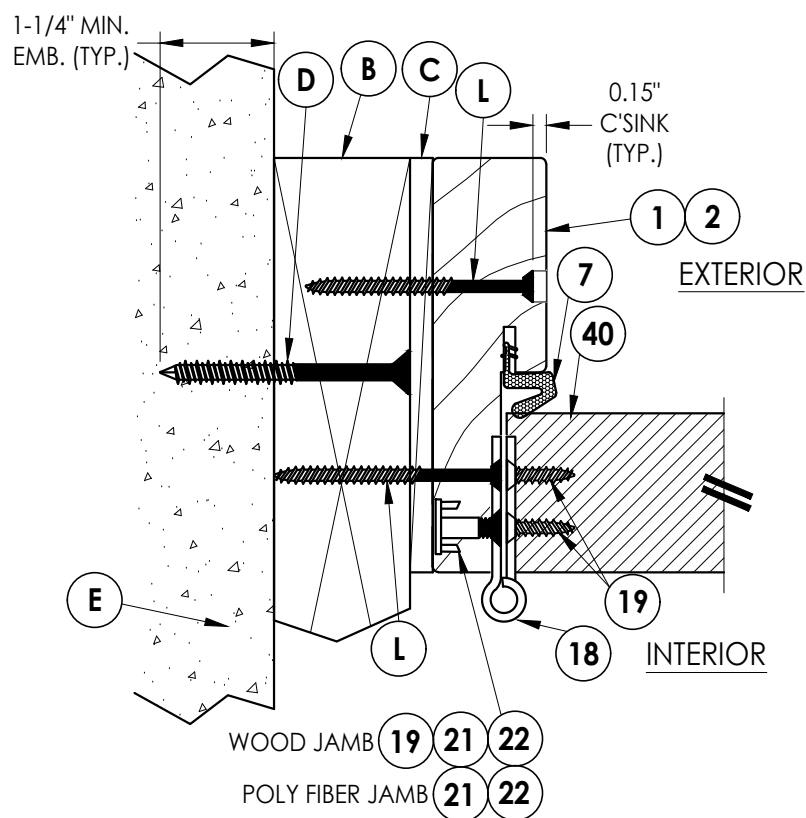
REVISIONS	
NO.	DATE
4	7/06/23
3	7/15/20
2	7/17/17
1	3/9/15
	DATE
	BY

PRODUCT:	TAYLOR
	FIBERGLASS DOOR
PART OR ASSEMBLY:	
	ELEVATIONS

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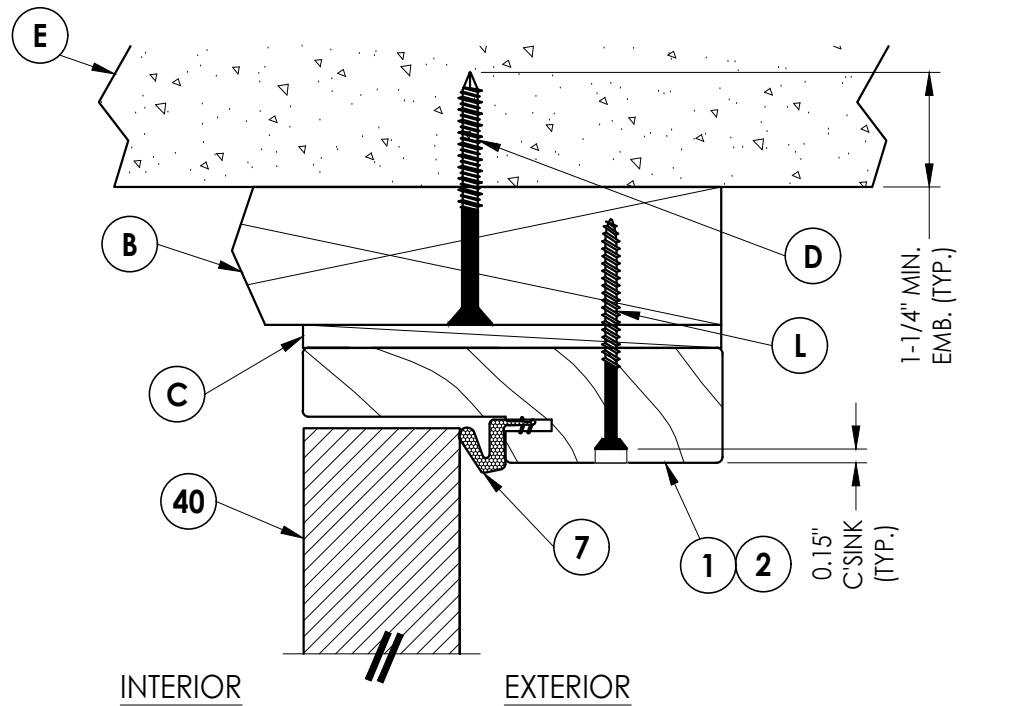
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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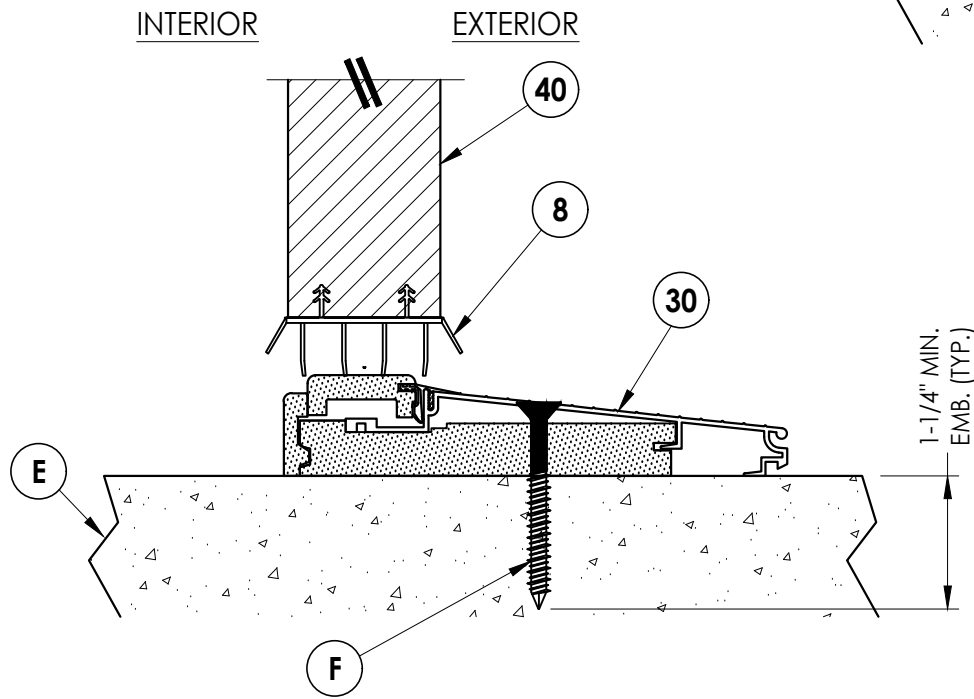


Documents Prepared By:		TAYLOR FIBERGLASS DOOR		BUILDING CONSULTANTS, INC.	
Lyndon F. Schmidt		P.O. Box 230, Valrico, FL 33595		P.E. No. 43409	
P.E. No. 43409		PART OR ASSEMBLY:		Phone No.: 813.659.9197	
R.W.		HORIZONTAL CROSS SECTIONS		FBPE Registry No. 9813	
PRODUCT:		TAYLOR FIBERGLASS DOOR		REVISIONS	
DATE:		9/12/12		NO.	
SCALE:		N.T.S.		DATE	
DWG. BY:		JK		DATE	
CHK. BY:		LFS		DATE	
DRAWING NO.:		FL-15931.8		DATE	
SHEET		5		DATE	
		OF		DATE	
		10		DATE	

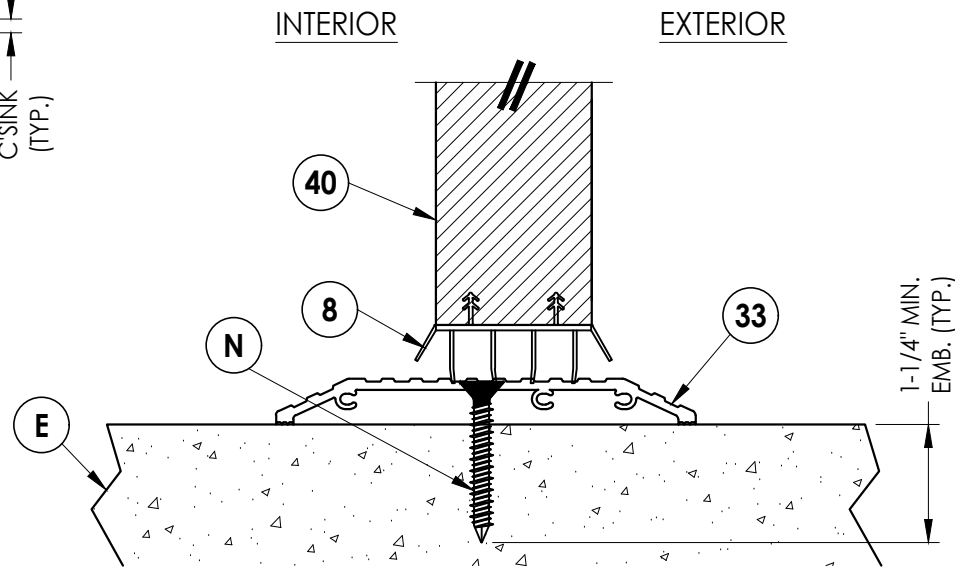
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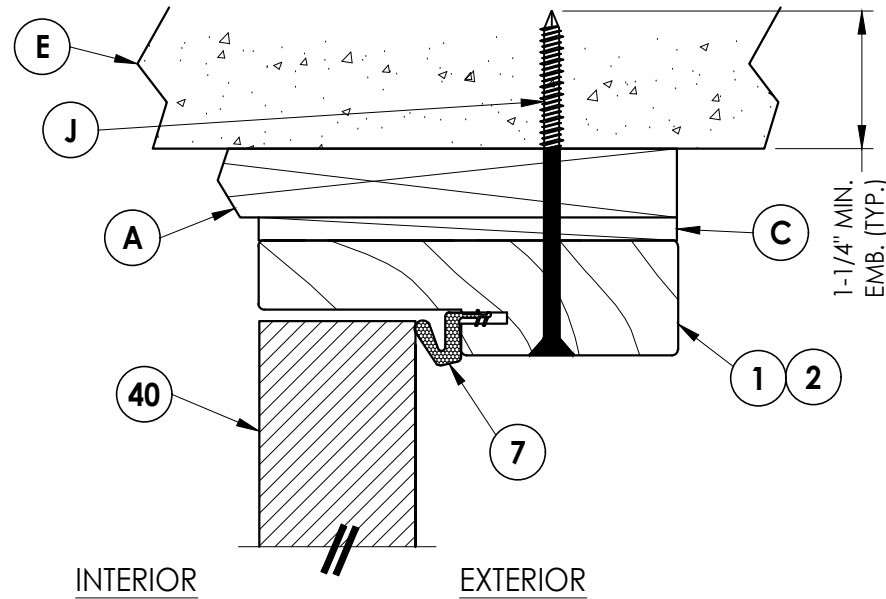
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6 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



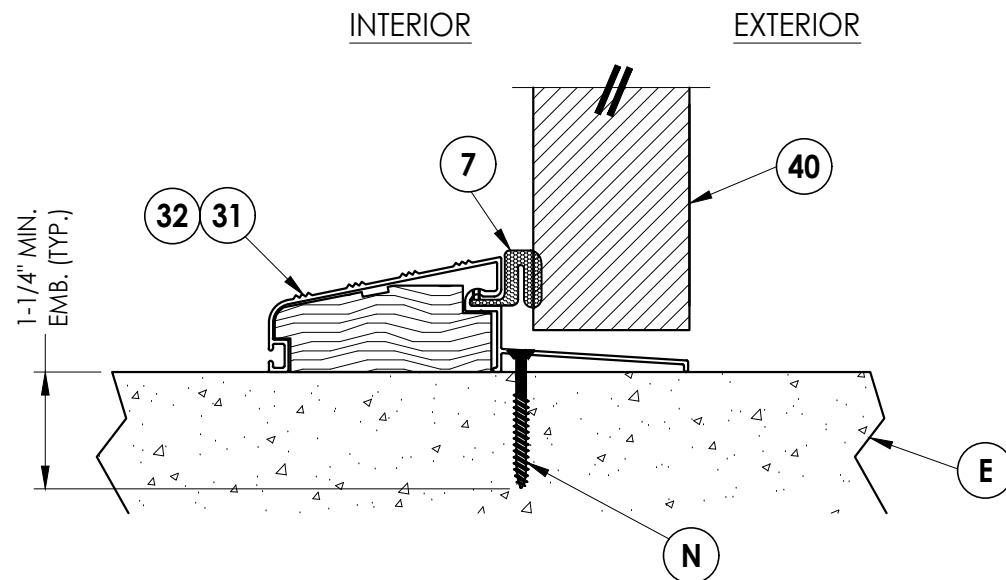
3
6 **VERTICAL CROSS SECTION**
Inswing configuration



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



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



4
6 **VERTICAL CROSS SECTION**
Outswing configuration

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PRODUCT:
TAYLOR
FIBERGLASS DOOR

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

							REVISIONS		
							NO.	DATE	BY
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

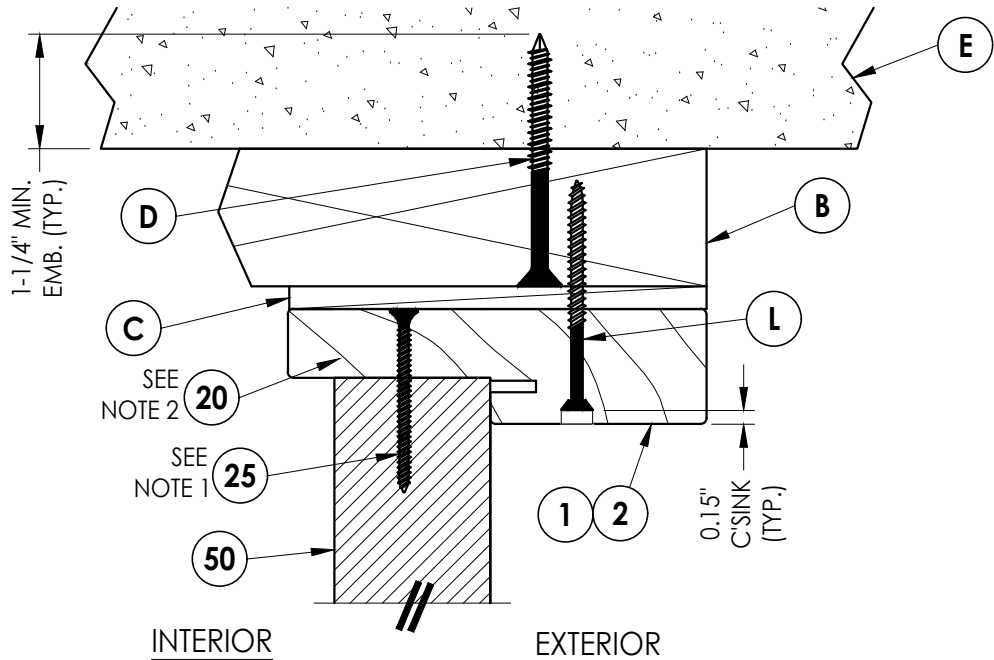
CHK. BY: LFS

DRAWING NO.:

FL-15931.8

SHEET 6 OF 10

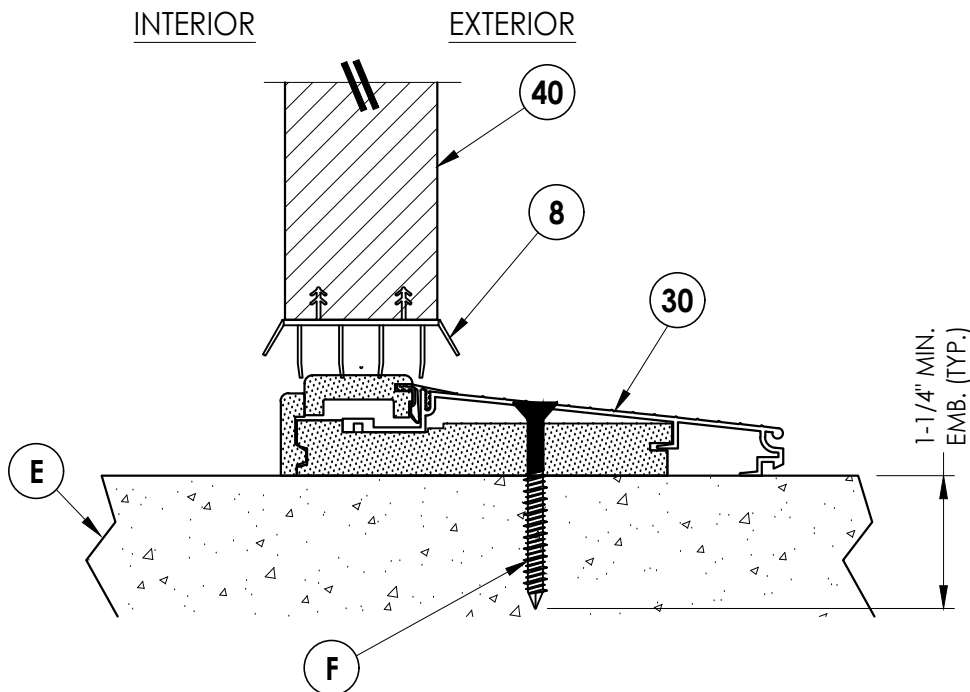
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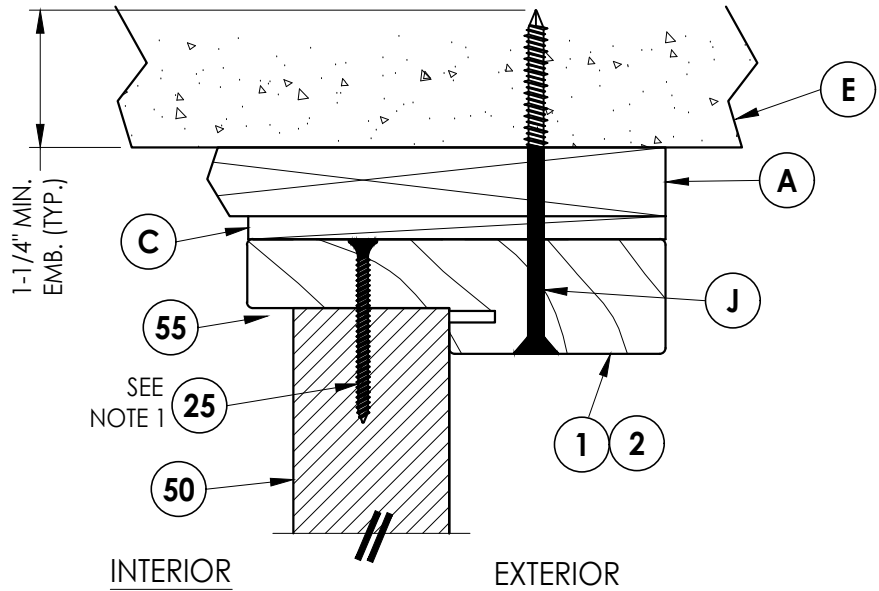
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7 VERTICAL CROSS SECTION
Inswing shown - outswing also approved

NOTE:

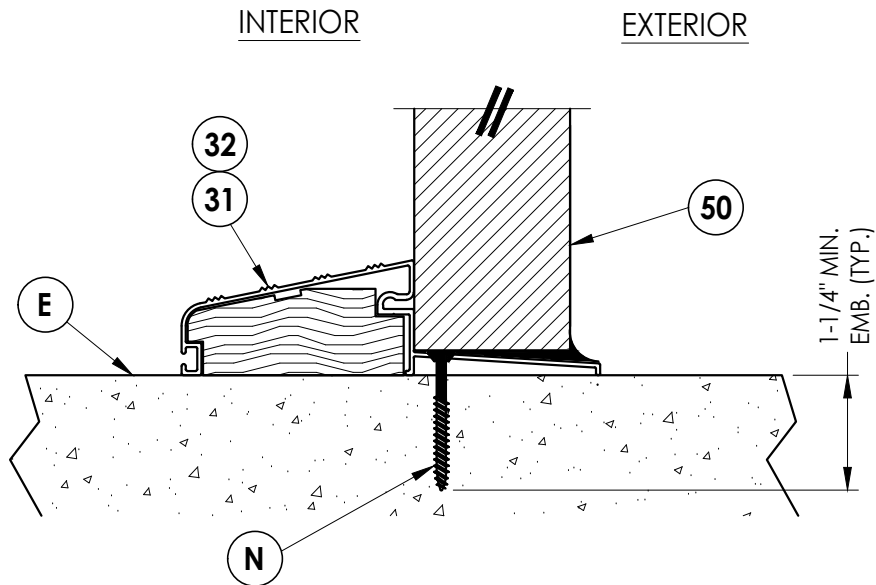
1. Screws thru head jamb located 3" from each end.
2. Trim secured with 1" Brad Nail @ 6" O.C. (TYP).



3
7 VERTICAL CROSS SECTION
Inswing configuration



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



4
7 VERTICAL CROSS SECTION
Outswing configuration

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FBPE Registry No. 9813

PRODUCT: TAYLOR
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	JK	JK	JK
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.

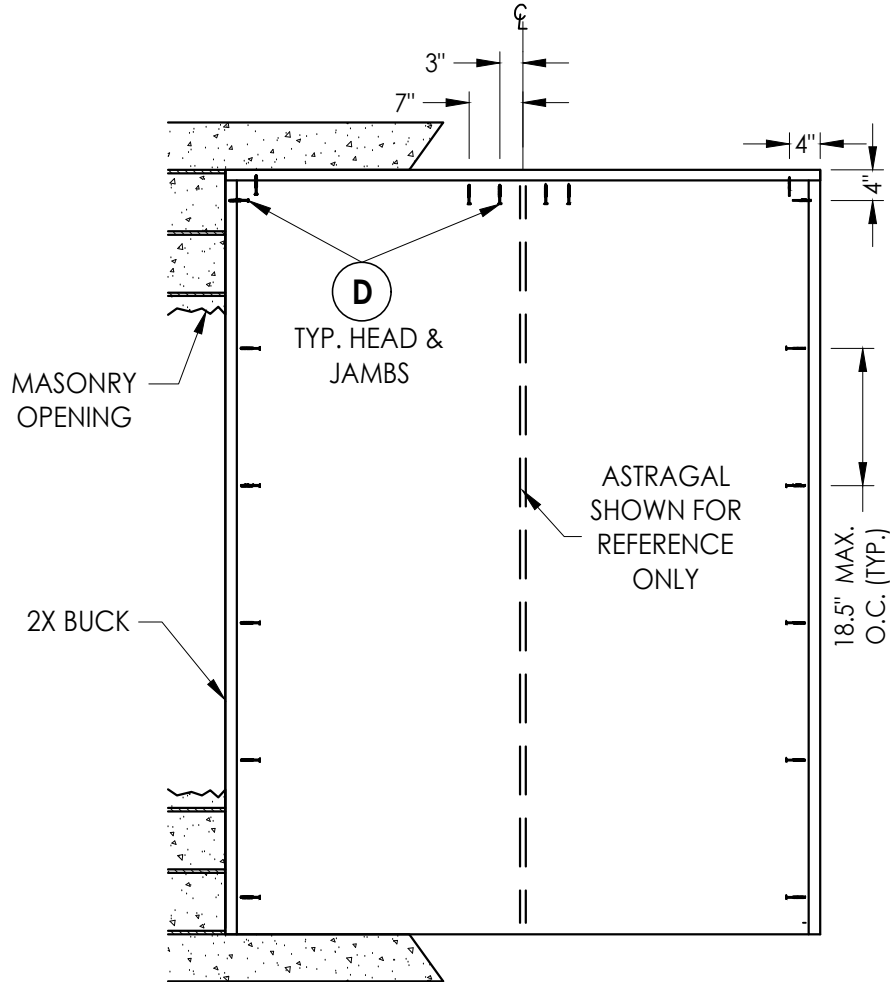
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CHK. BY: LFS

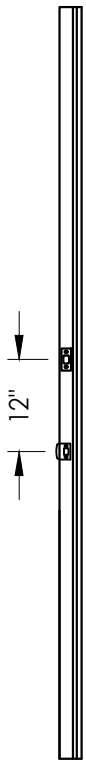
DRAWING NO.:

FL-15931.8

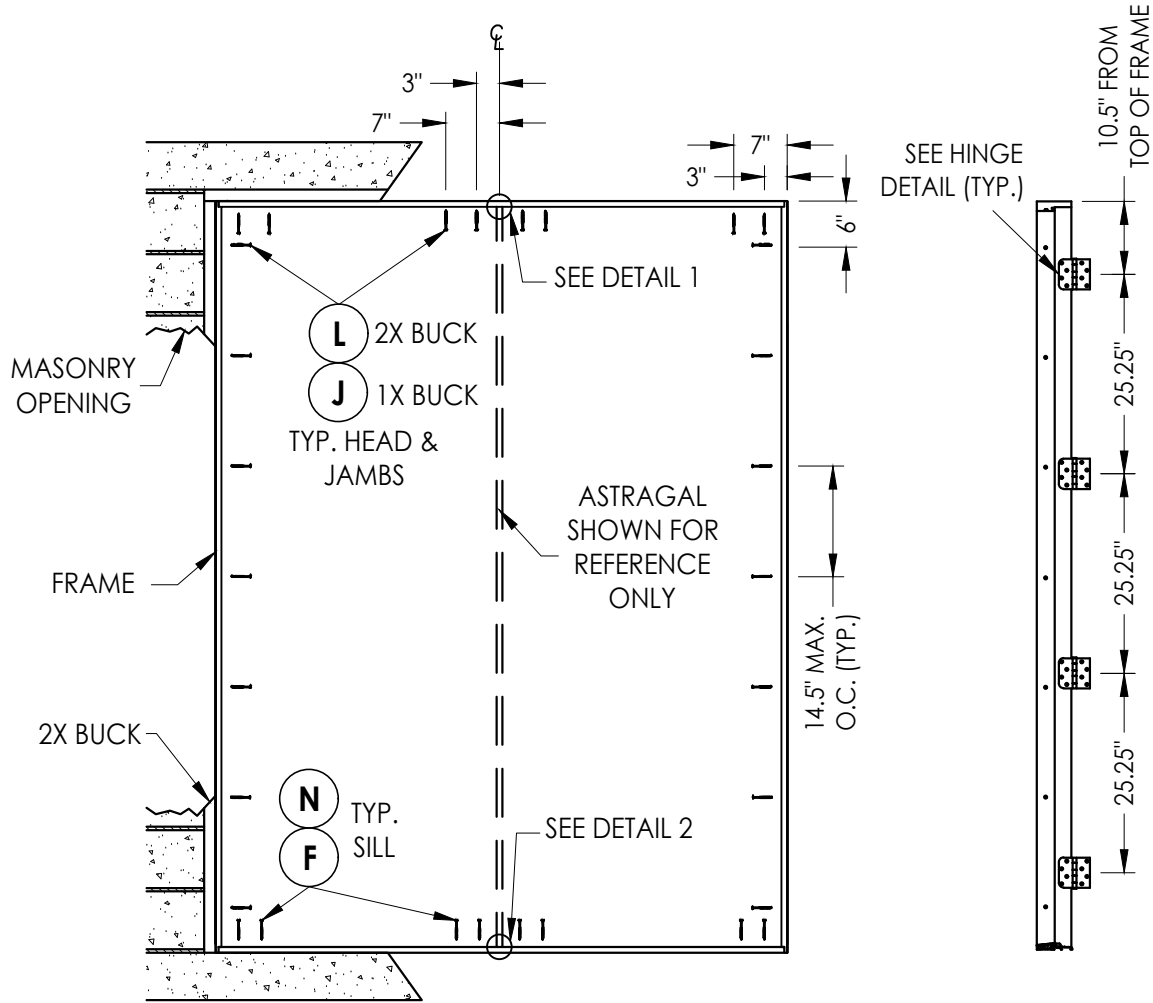
SHEET 7 OF 10



BUCK ANCHORING



ASTRAGAL



FRAME ANCHORING

HINGE JAMB

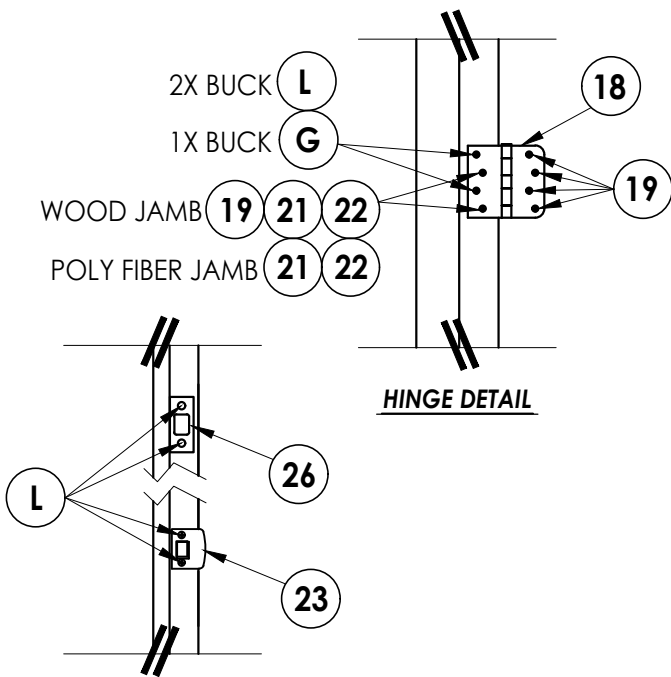
CONCRETE ANCHOR NOTES:

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:

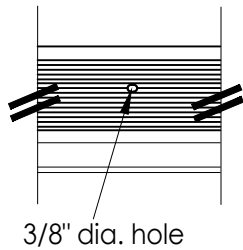
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

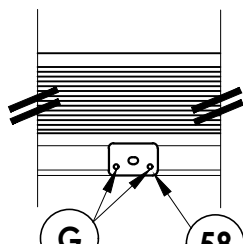
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



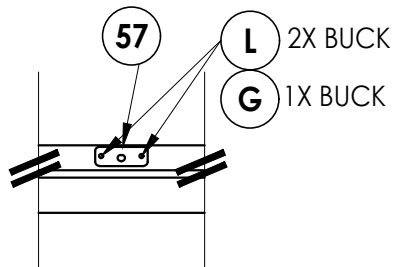
LATCH & DEADBOLT DETAIL



DETAIL 2
Astragal Bolt Hole
Outswing



DETAIL 2
Astragal Strike Plate
Inswing

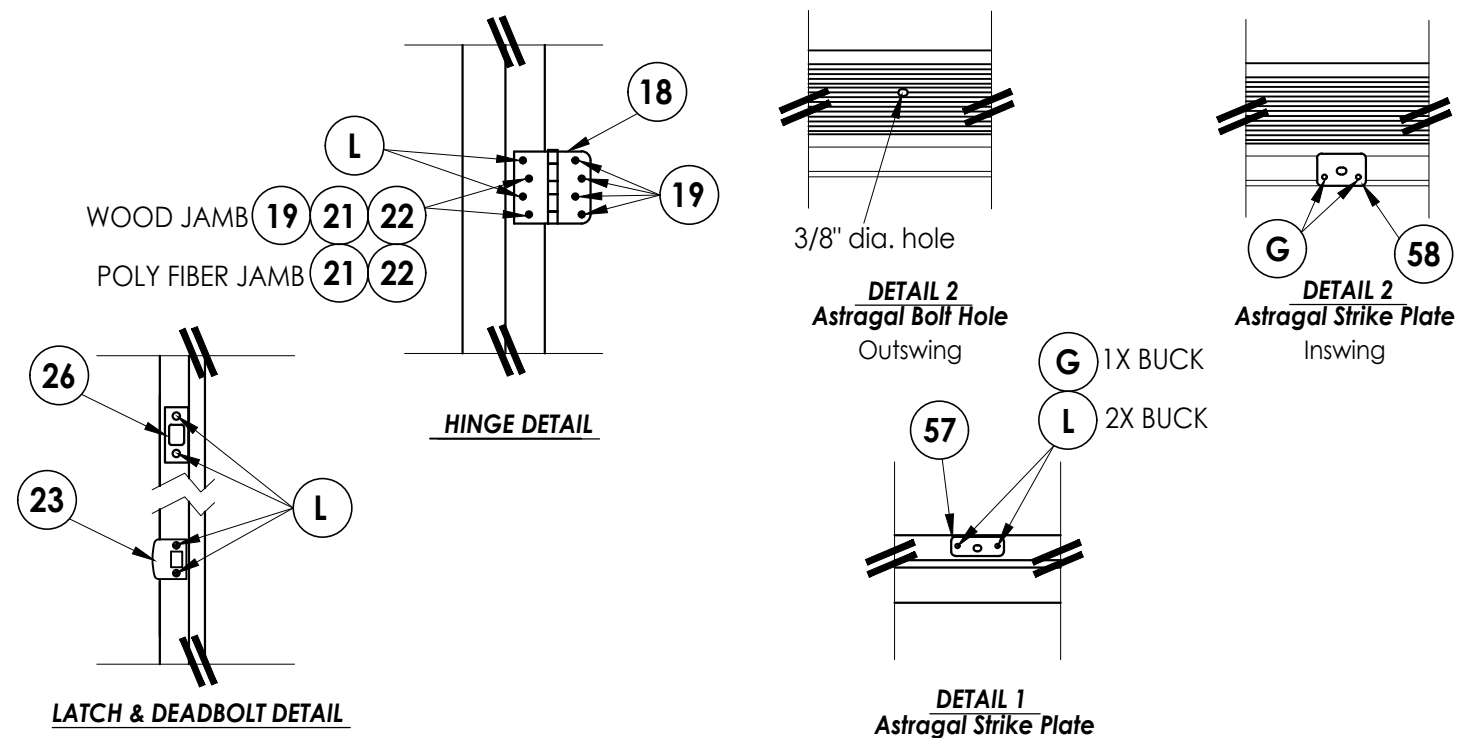
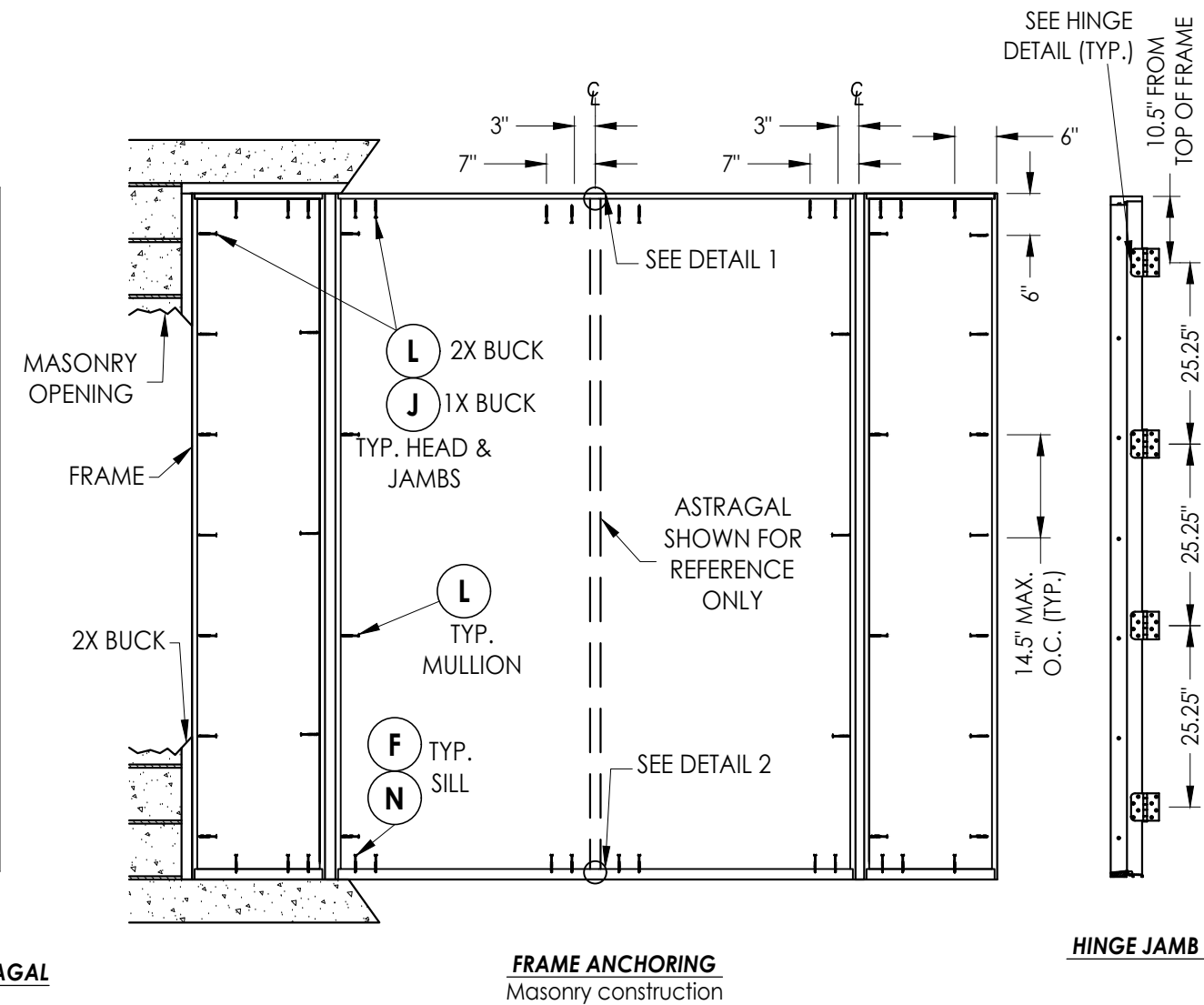
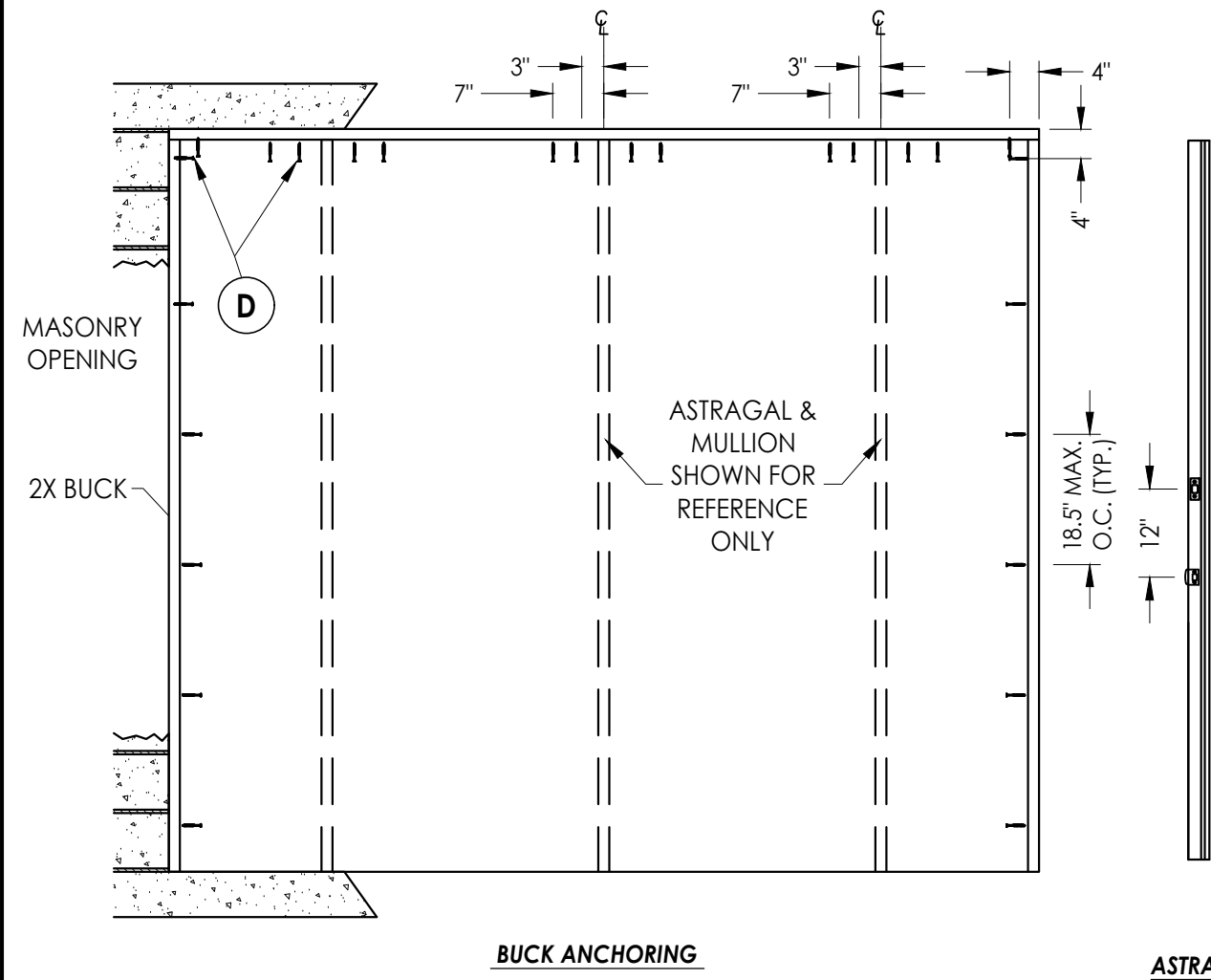


DETAIL 1 **Astragal Strike Plate**

[illegible]

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CONCRETE ANCHOR NOTES:

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3. Concrete anchor table:

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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.

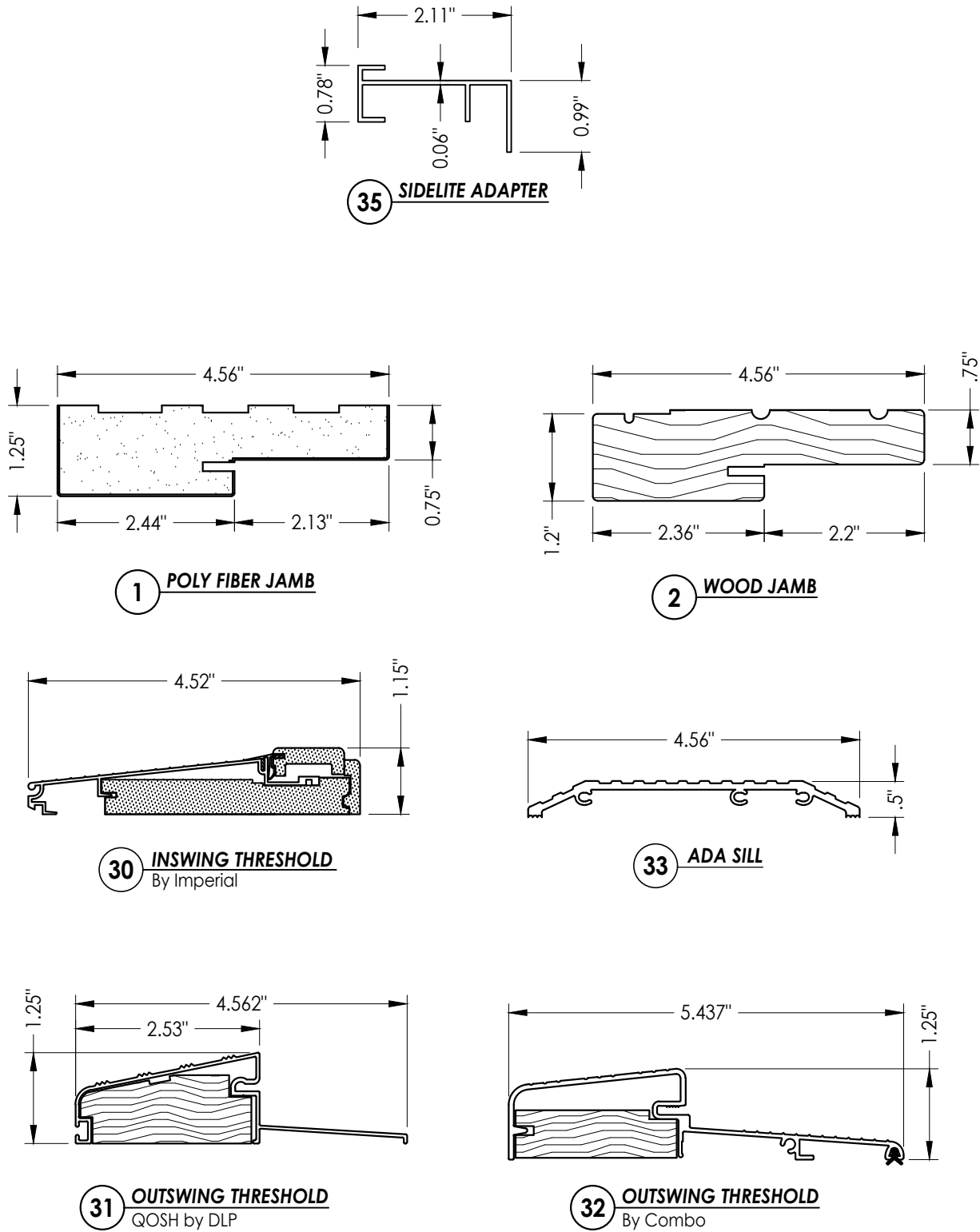
[illegible]

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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



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PRODUCT: TAYLOR FIBERGLASS DOOR		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
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			
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DWG. BY: JK			
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DRAWING NO.: FL-15931.8			
SHEET 10 OF 10			