



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

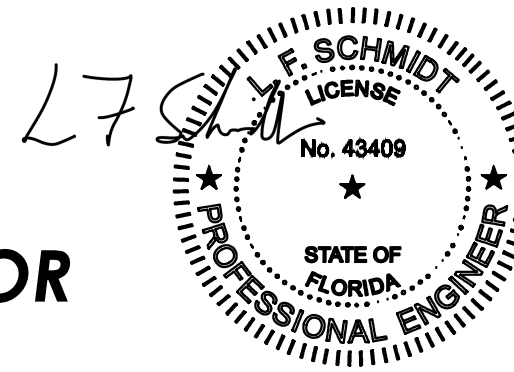
TIMBERLINE DELUXE

GLAZED FIBERGLASS SINGLE DOOR

w/ or w/o SIDELITES

INSWING / OUTSWING

"NON-IMPACT"



Digitally signed
by Lyndon F
Schmidt
Date:
2023.07.06
15:59:35 -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.

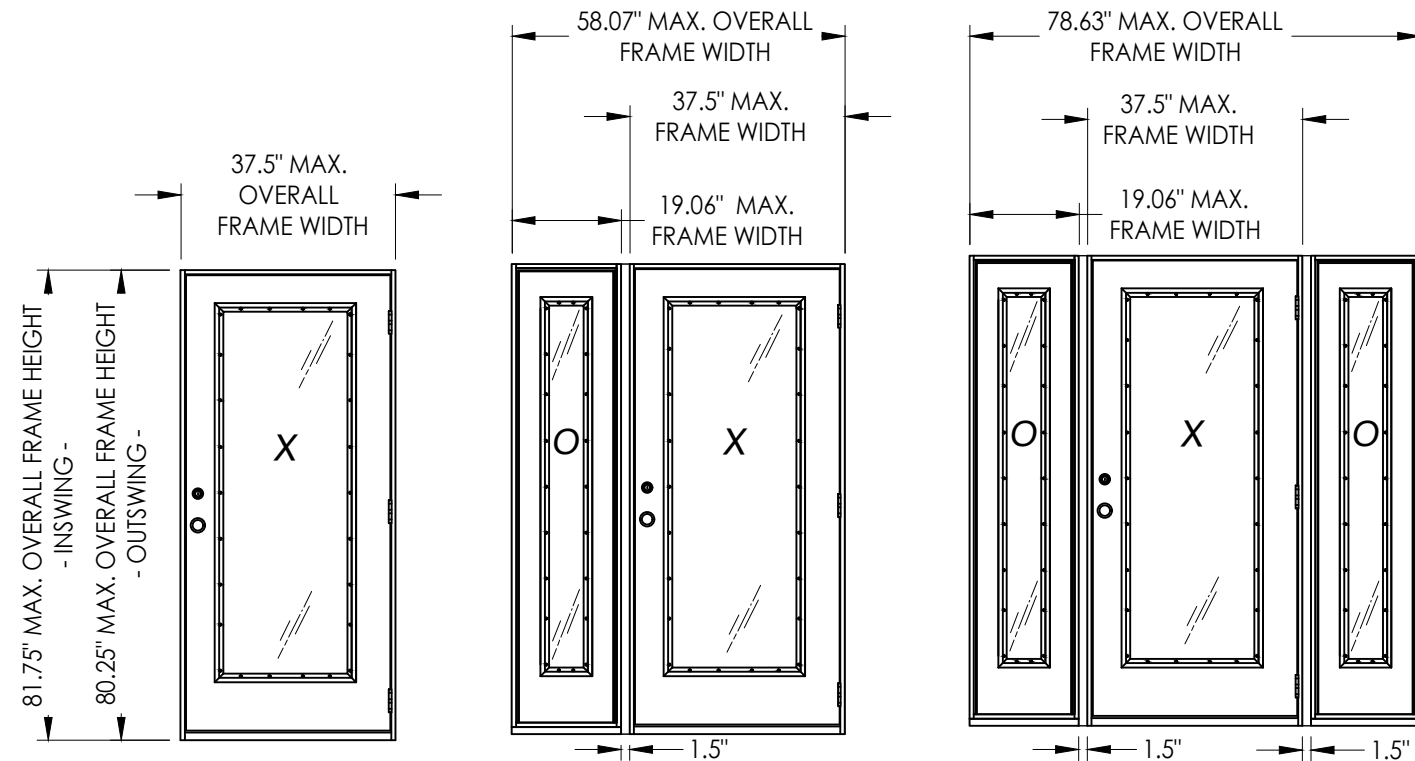


TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross section
6	Horizontal cross section
7	Vertical cross sections
8	Vertical cross sections
9	Buck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

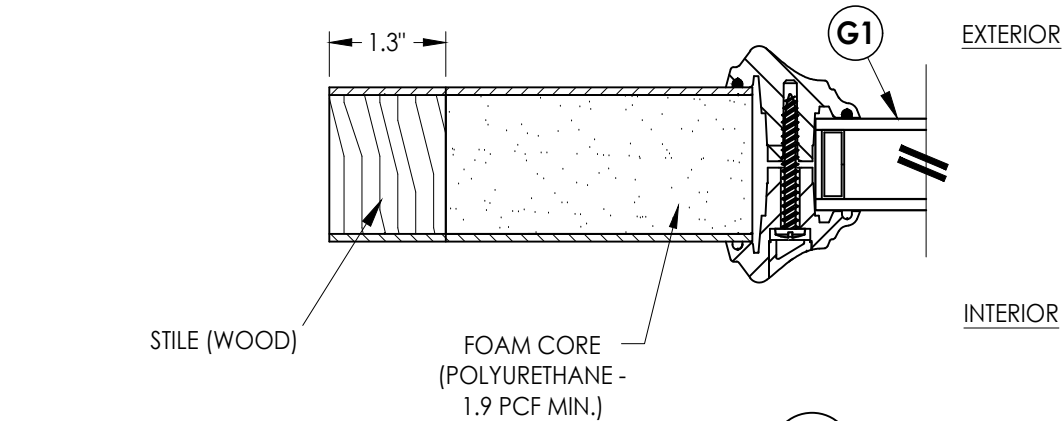
CONFIGURATION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 81.75"	21.12" x 63.12"	+55.0	-60.0	+55.0	-55.0
OX / XO	58.07" x 81.75"	21.12" x 63.12"	+55.0	-60.0	+55.0	-55.0
OXO	78.63" x 81.75"	21.12" x 63.12"	+55.0	-60.0	+55.0	-55.0

PRODUCT: TAYLOR FIBERGLASS DOOR

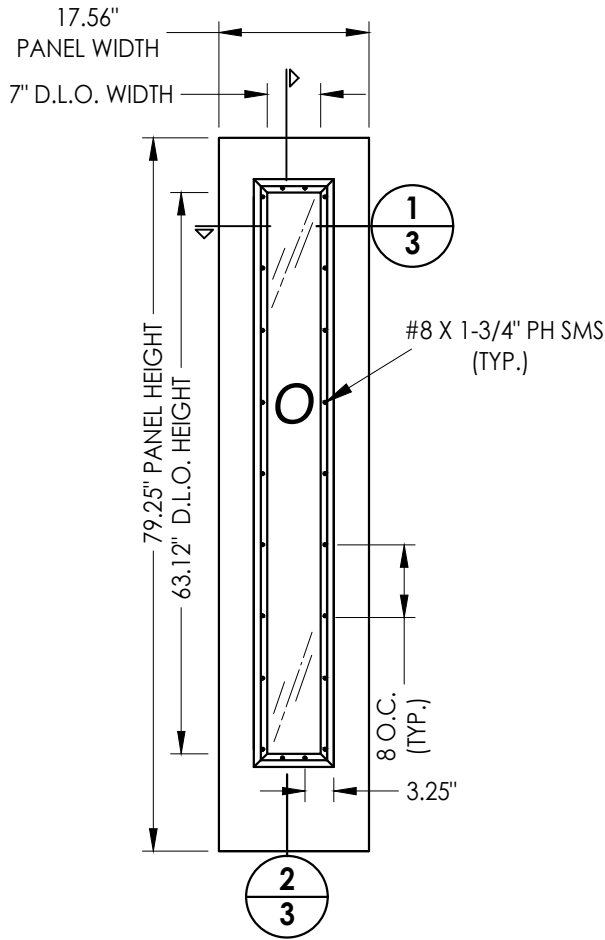
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

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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	

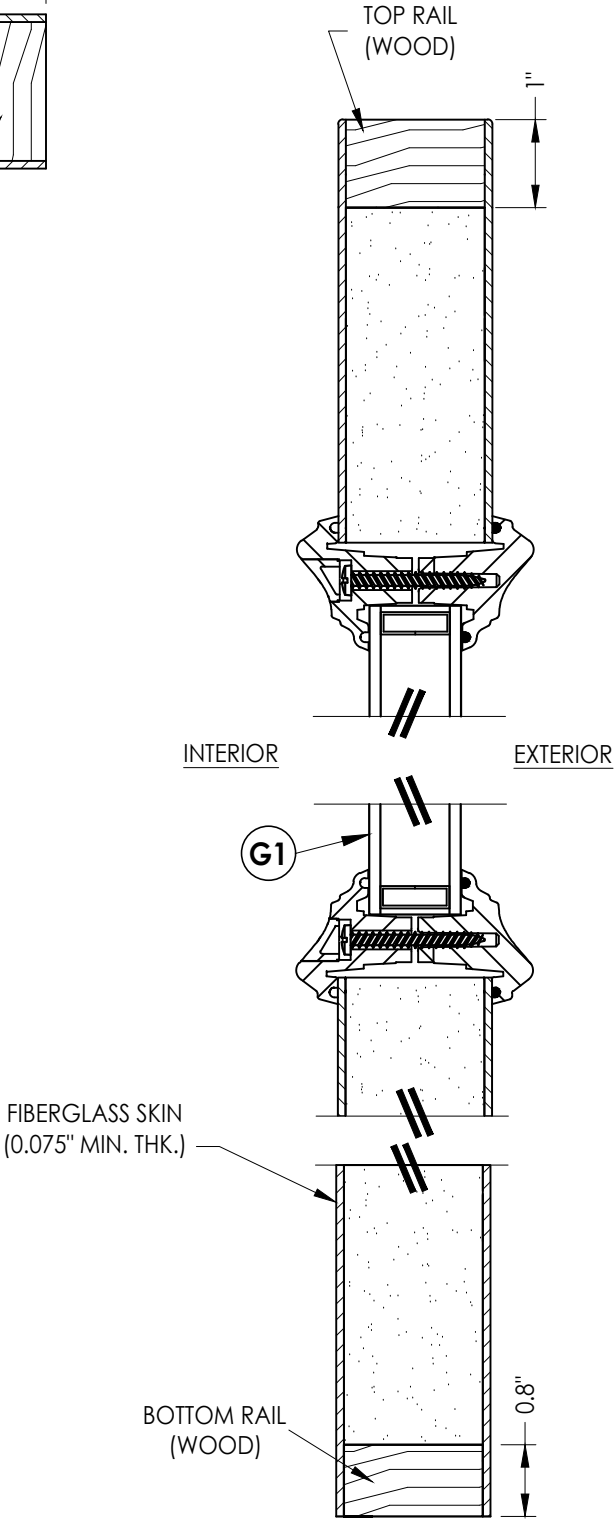
DATE: 9/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15931.4
SHEET 1 OF 12



1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL
Fiberglass



2
3 VERTICAL CROSS SECTION

July 15, 2020

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PRODUCT:	TAYLOR
	FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL DETAILS
	AND GLAZING DETAIL

NO.	DATE	REVISIONS
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	BY

DATE: 9/12/12

SCALE: N.T.S.

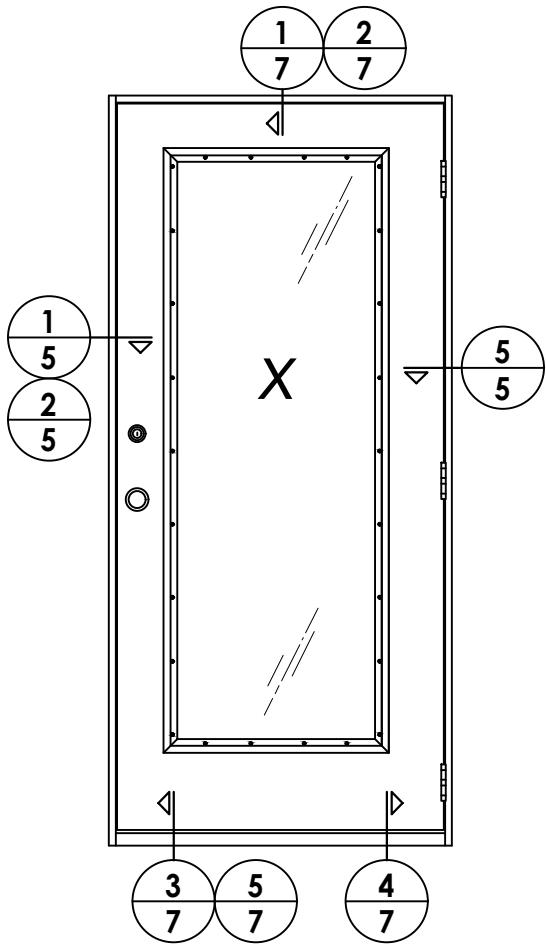
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CHK. BY: LFS

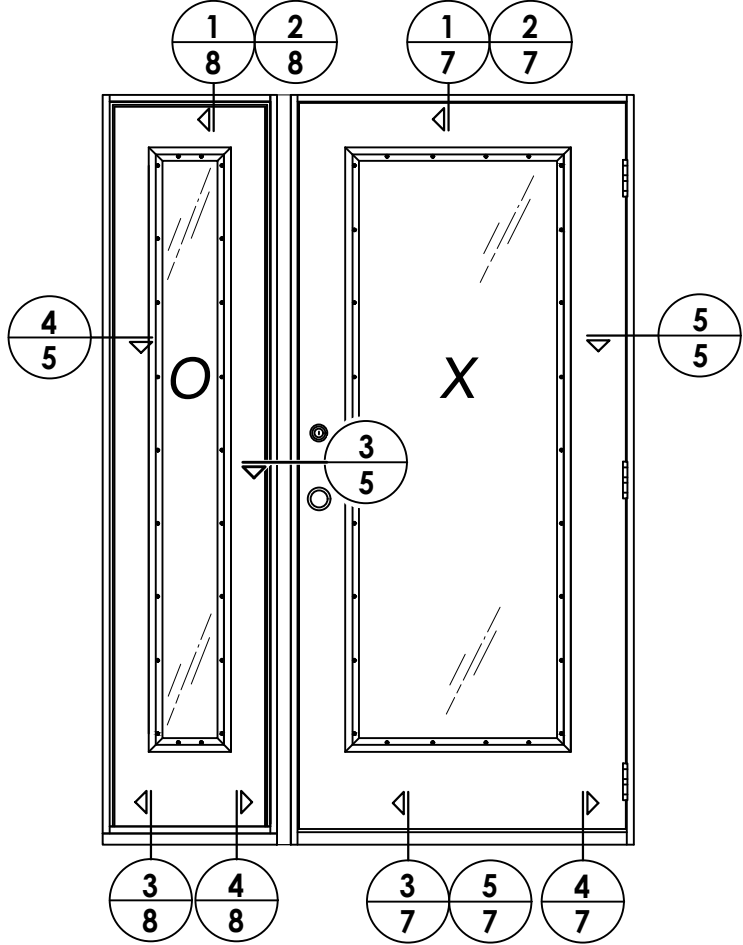
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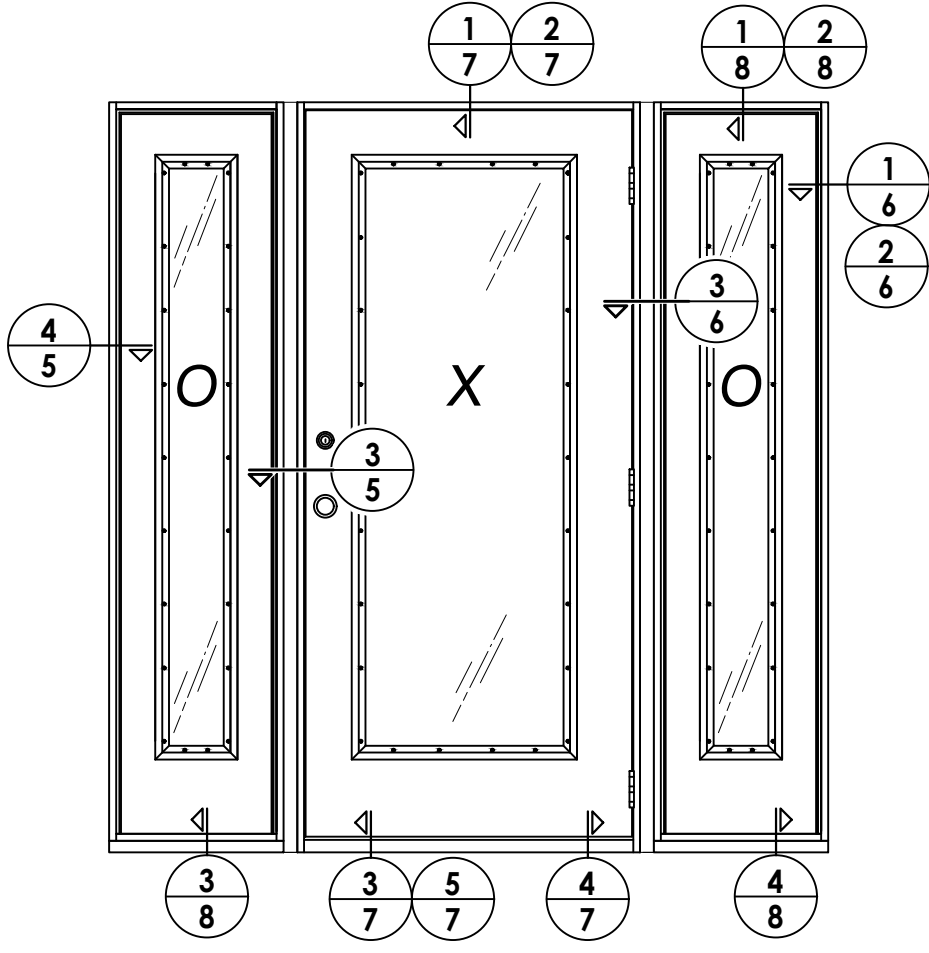
SHEET 3 OF 12



ELEVATION (X)



ELEVATION (OX / XO)



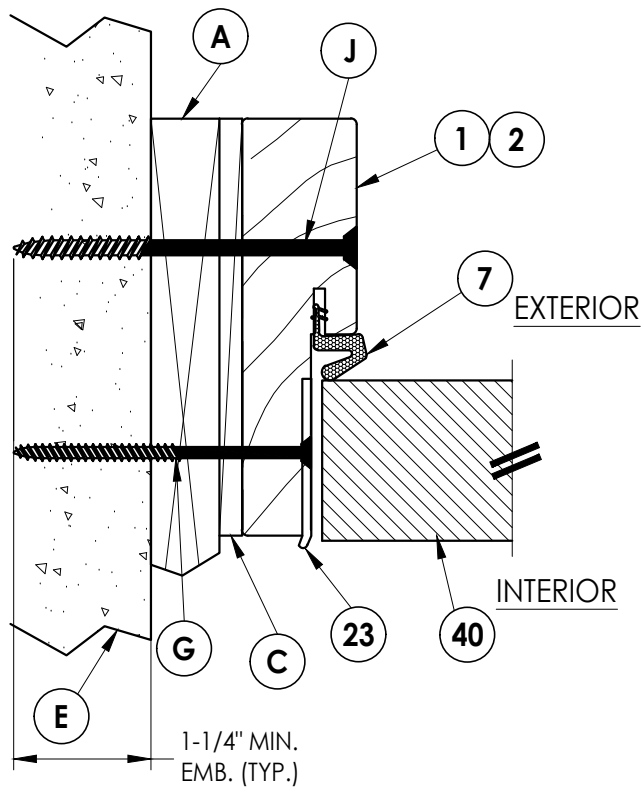
ELEVATION (OXO)

DATE:		9/12/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15931.4	
SHEET		4	OF 12
NO.	DATE	REVISIONS	
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
		BY	

PRODUCT:		TAYLOR FIBERGLASS DOOR
PART OR ASSEMBLY:		ELEVATIONS

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1 **HORIZONTAL CROSS SECTION**
5 Shown w/1X sub-buck

2 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing
also approved

3 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing
 also approved

5 HORIZONTAL CROSS SECTION
 5 Inswing shown - outswing
 also approved

4 HORIZONTAL CROSS SECTION
5 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).

[illegible]

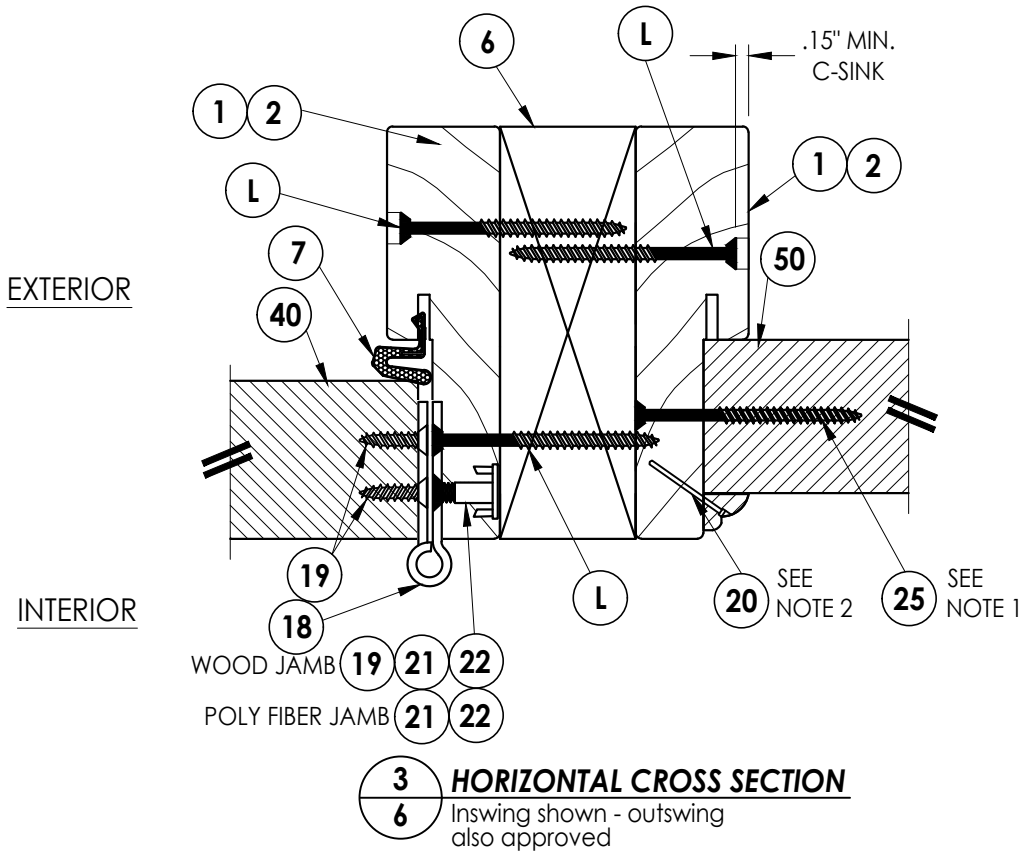
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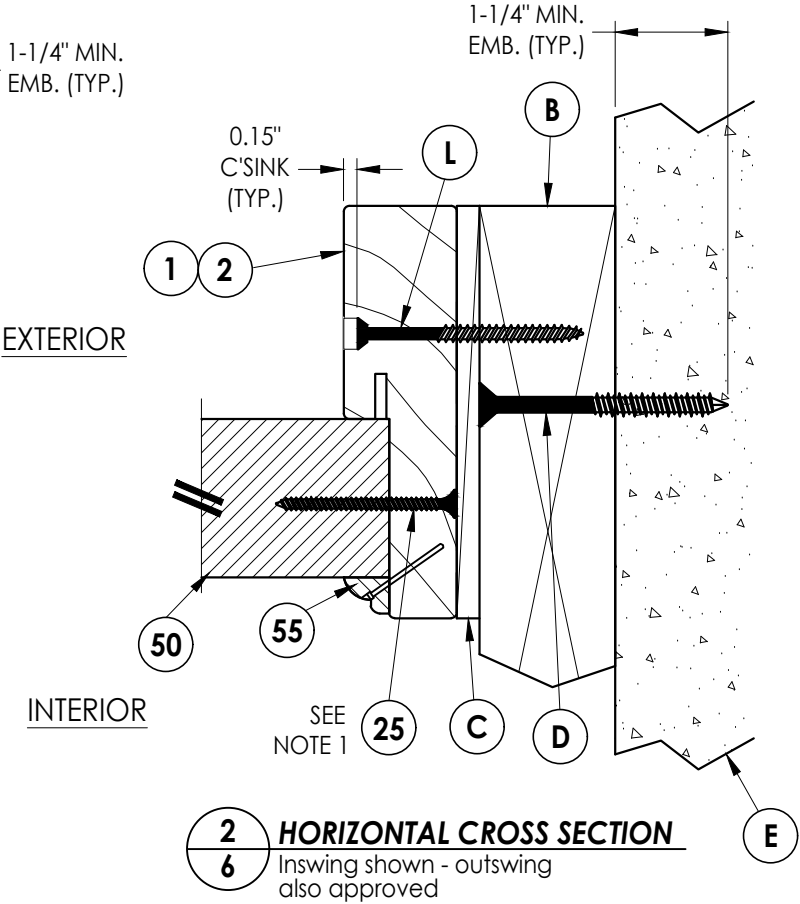
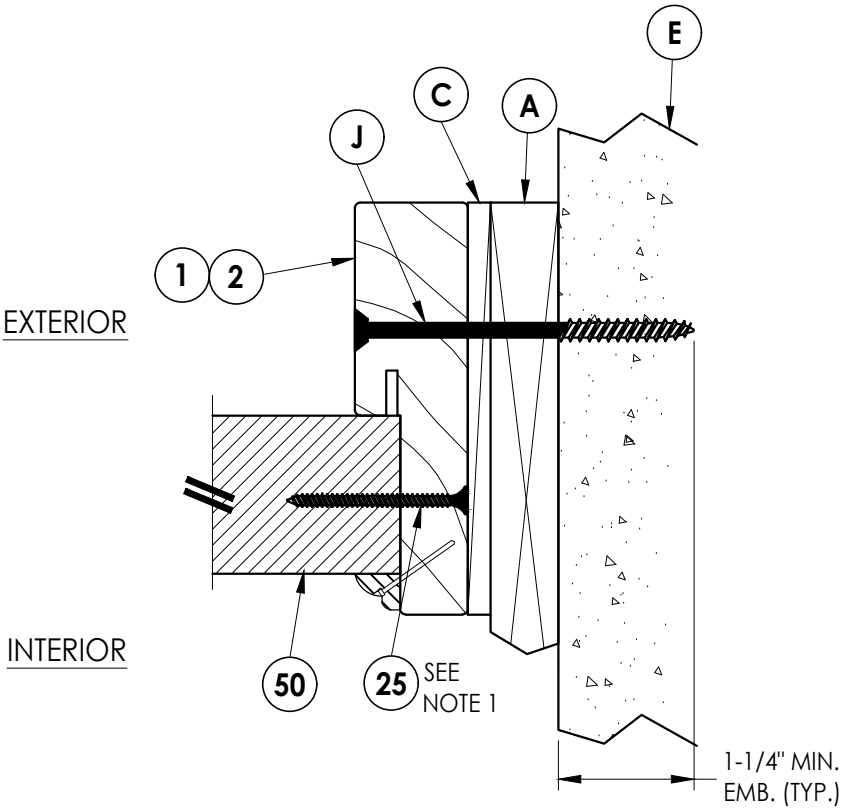
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NOTE:

- 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).



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

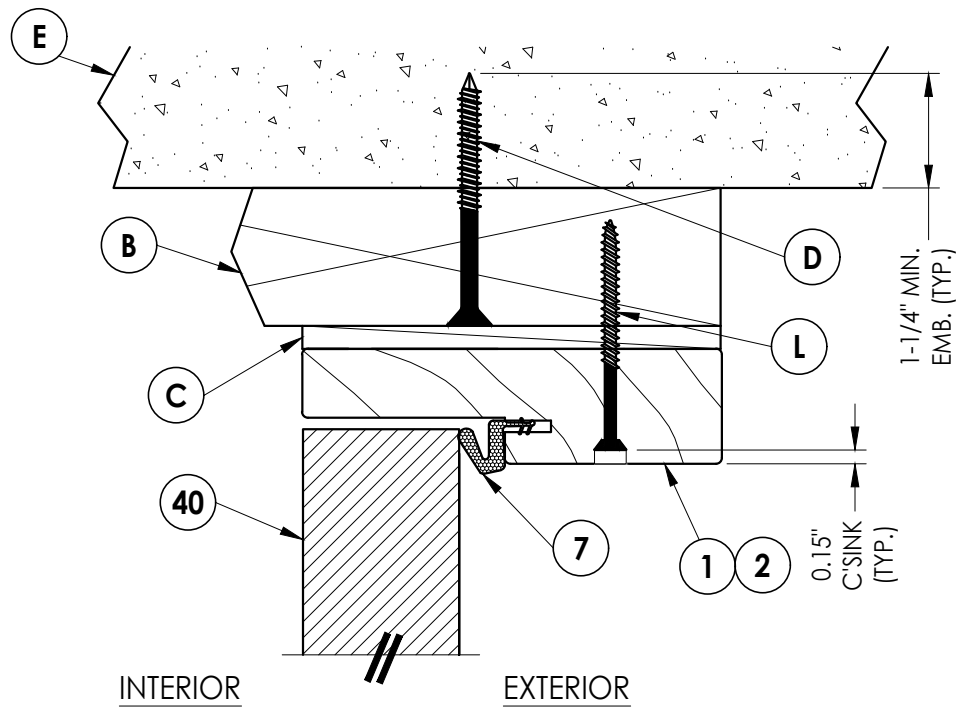


2
6 **HORIZONTAL CROSS SECTION**
Inswing shown - outswing also approved

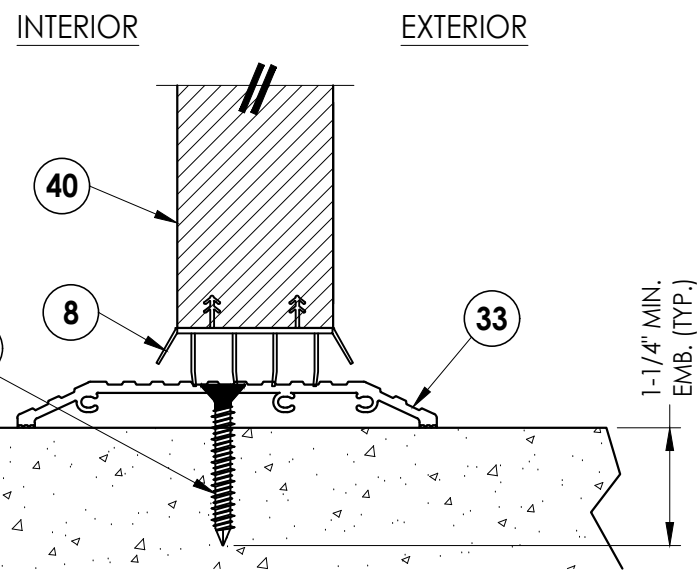
PRODUCT:		TAYLOR FIBERGLASS DOOR		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
		LFS	FBC	LFS	FBC	JK	BY
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2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC
		NO.	DATE				
REVISIONS							
DATE: 9/12/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15931.4							
SHEET 6 OF 12							

Documents Prepared By:
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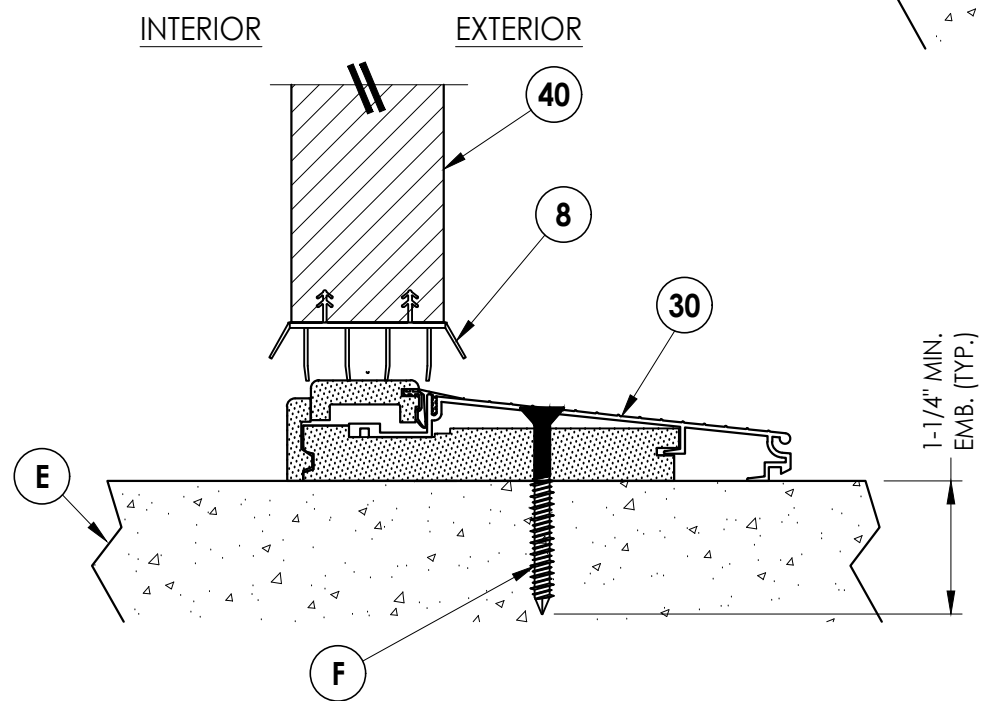

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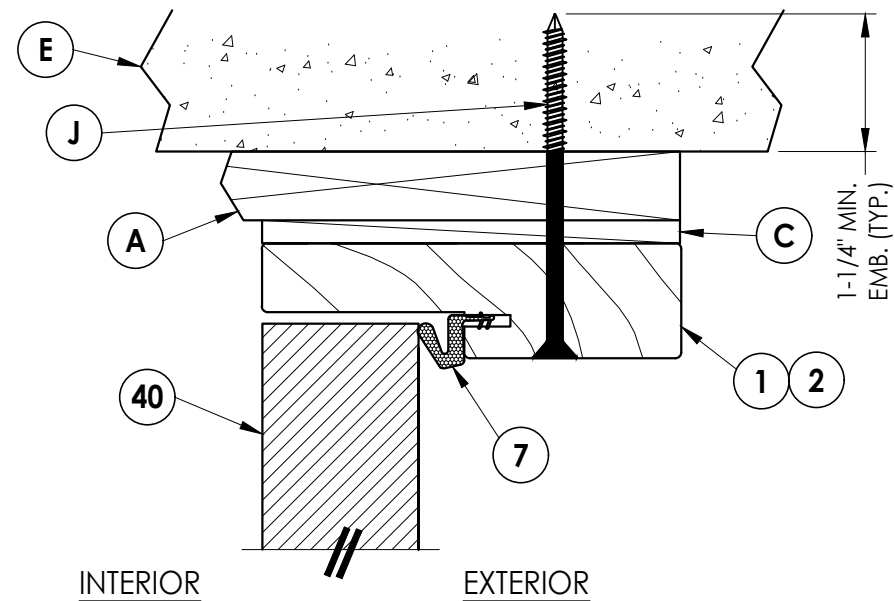
1 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing
also approved



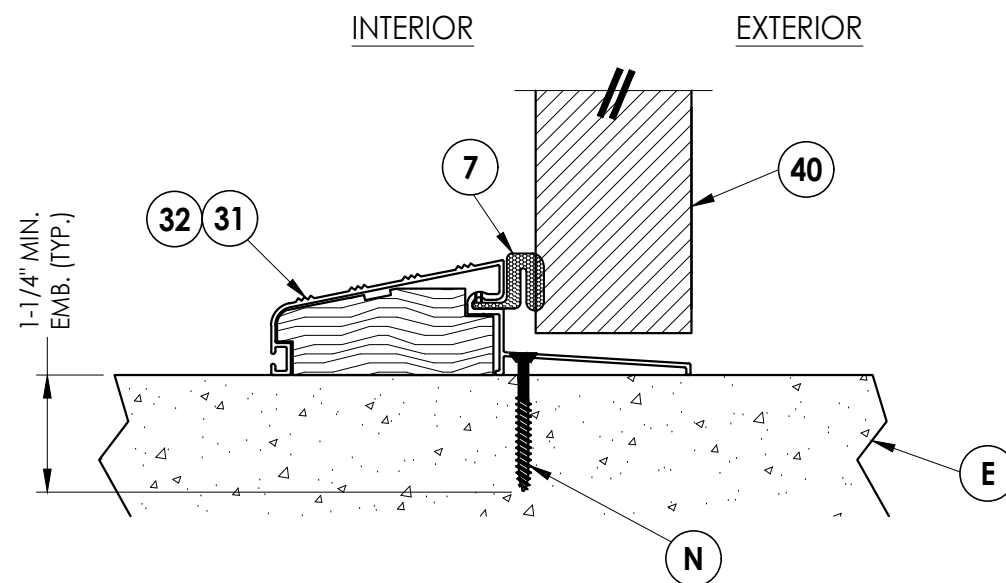
5 VERTICAL CROSS SECTION
7 Shown w/ ADA threshold



3 **VERTICAL CROSS SECTION**
7 Inswing configuration



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



4 7 **VERTICAL CROSS SECTION** Outswing configuration

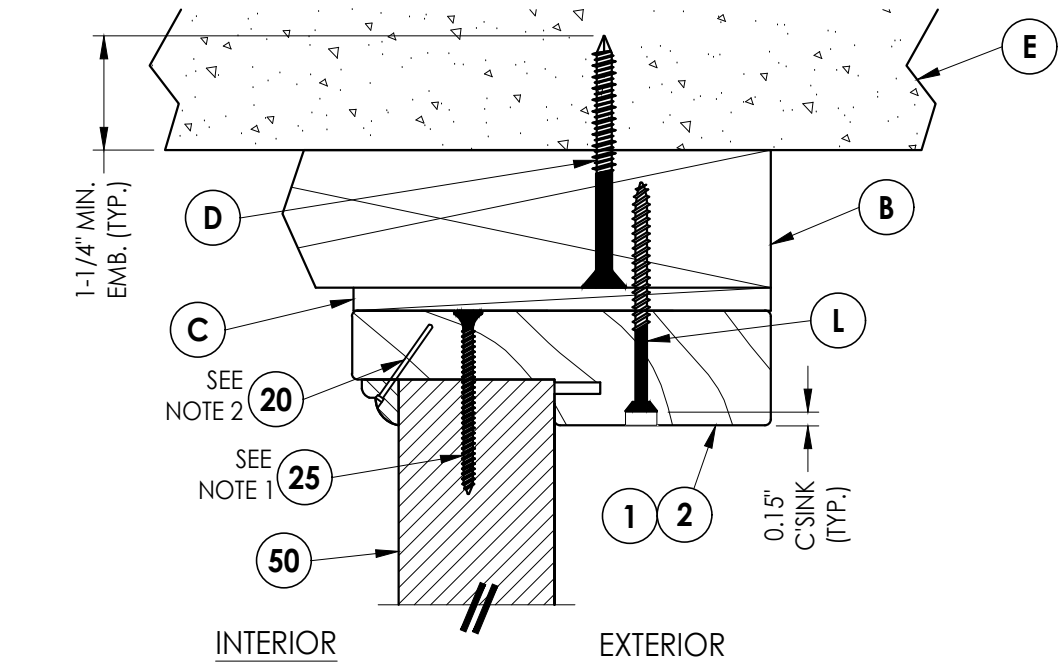
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2	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE				BY
					REVISIONS

DATE:	9/12/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15931.4
SHEET	7 OF 12

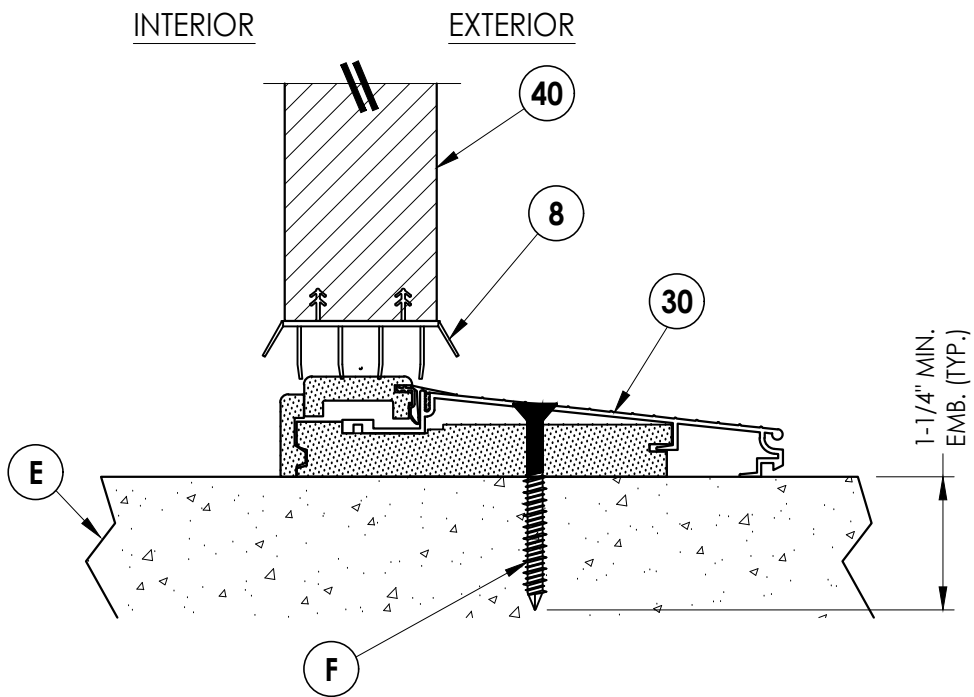
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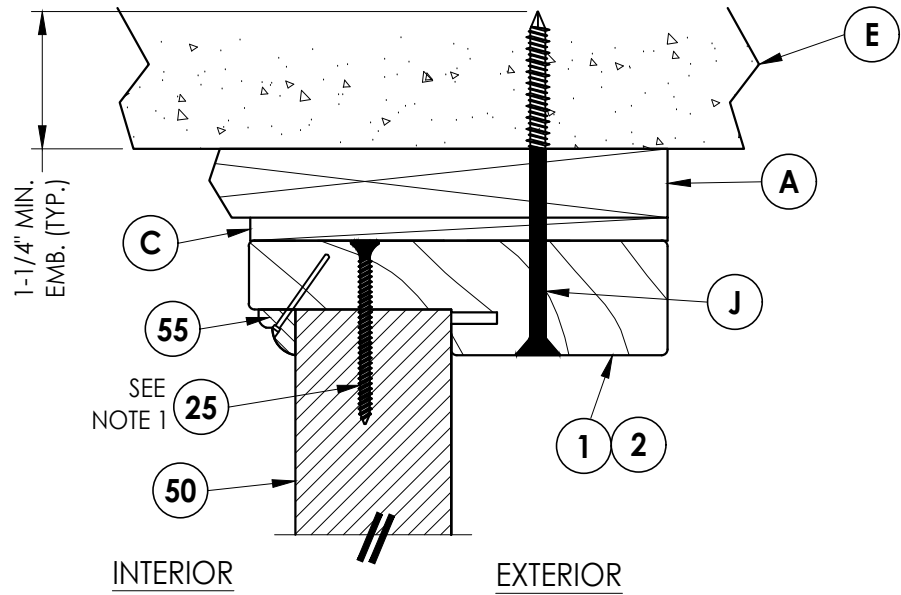
1
8 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



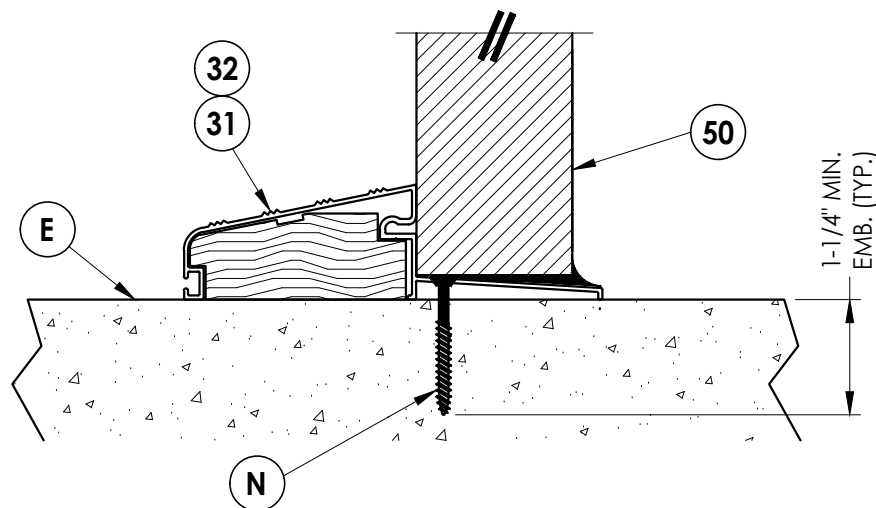
3
8 **VERTICAL CROSS SECTION**
Inswing configuration

NOTE:

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



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



4
8 **VERTICAL CROSS SECTION**
Outswing configuration

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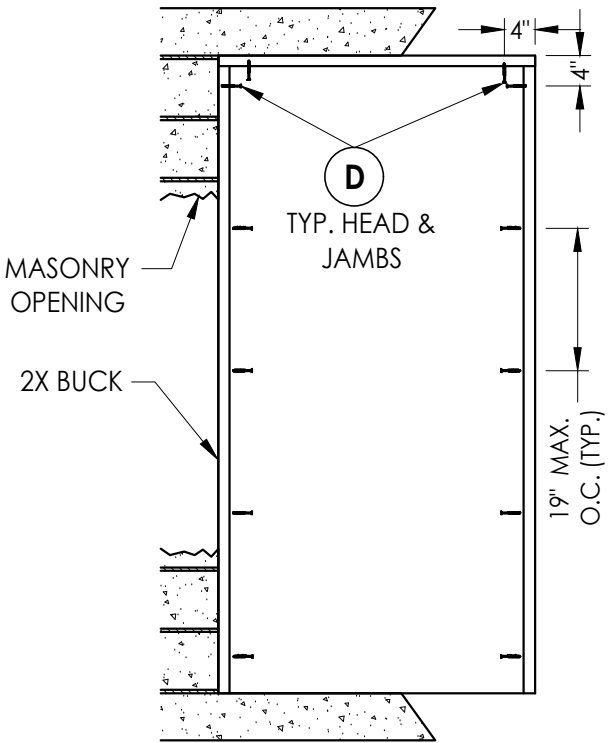
RW BUILDING CONSULTANTS, INC.
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PRODUCT: TAYLOR
FIBERGLASS DOOR

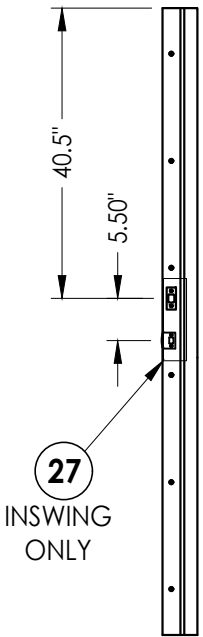
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
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

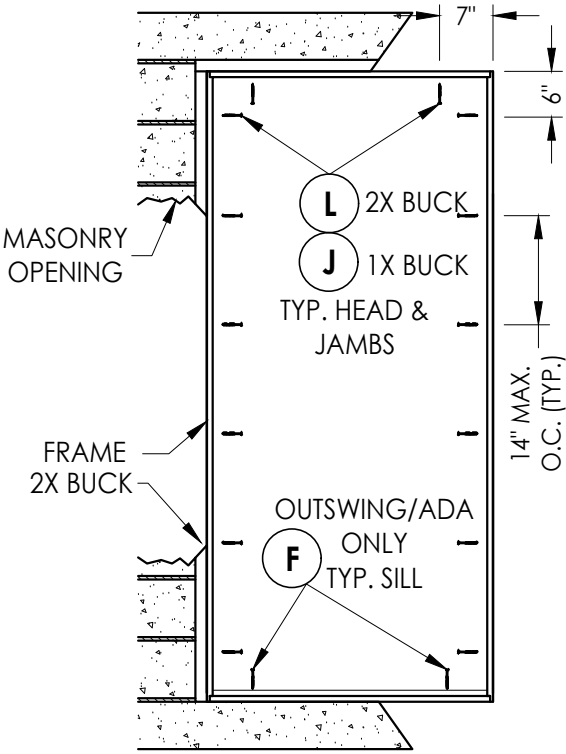
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15931.4
SHEET 8 OF 12



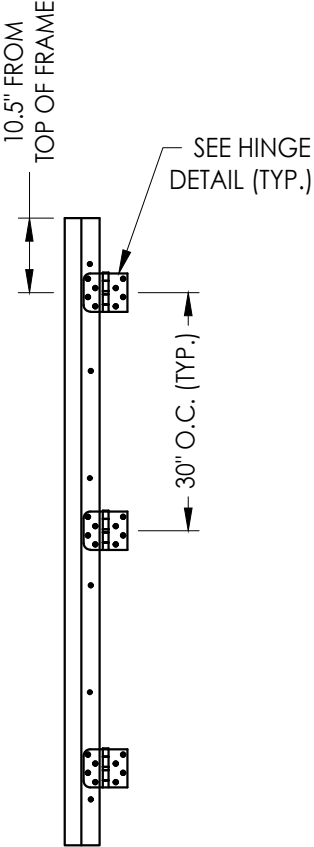
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

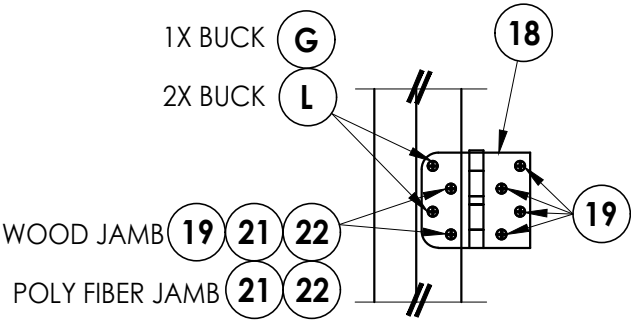
CONCRETE ANCHOR NOTES:

- 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:

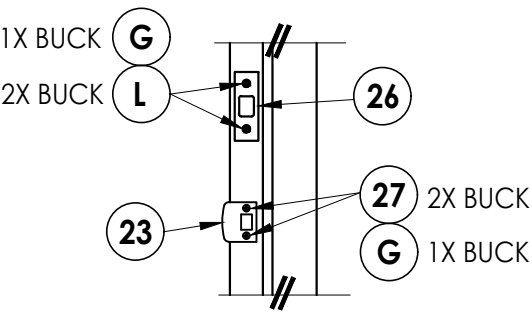
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



HINGE DETAIL



LATCH AND DEADBOLT DETAIL

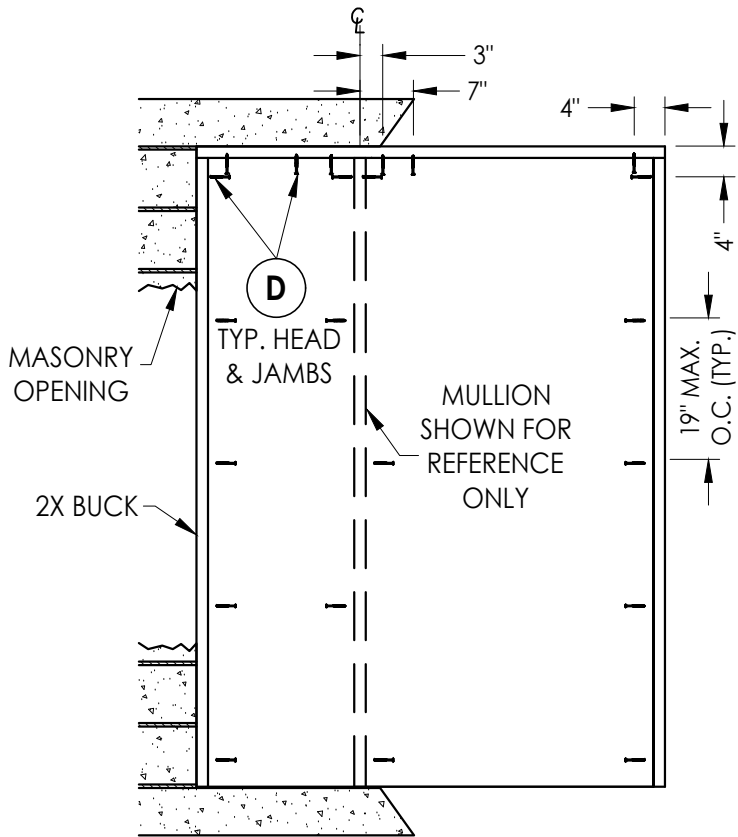
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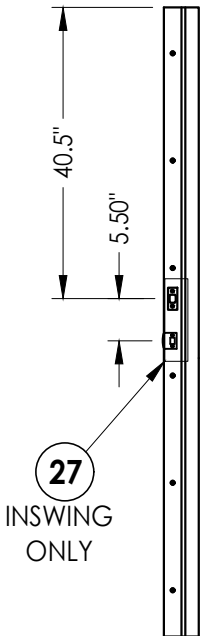
PRODUCT: TAYLOR FIBERGLASS DOOR
PART OR ASSEMBLY: BUCK & FRAME ANCHORING (X)

NO.	DATE	REVISIONS
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3	7/15/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC JK
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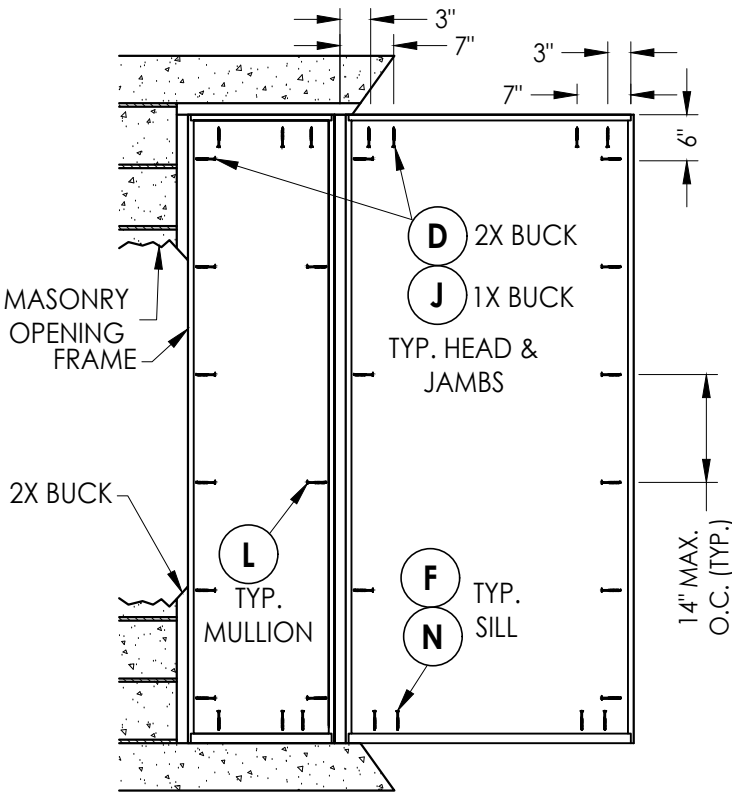
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15931.4
SHEET 9 OF 12



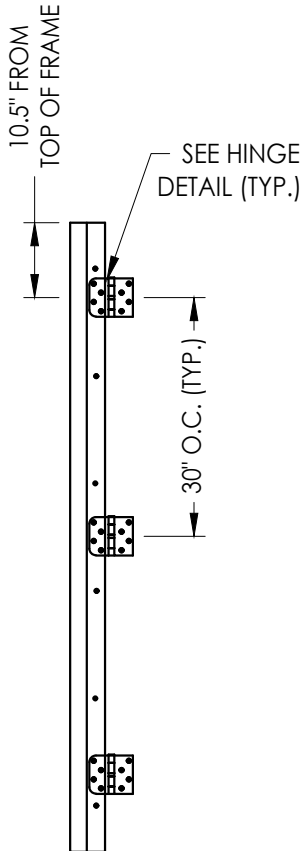
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

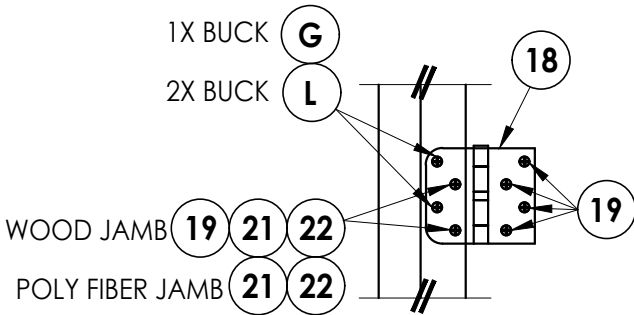
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- Concrete anchor table:

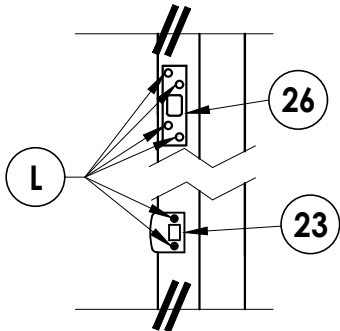
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
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WOOD SCREW INSTALLATION NOTES:

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HINGE DETAIL



LATCH & DEADBOLT DETAIL
Security Strike

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PRODUCT:
TAYLOR
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(OX/XO)

NO.	DATE	REVISIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
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		BY

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: JK

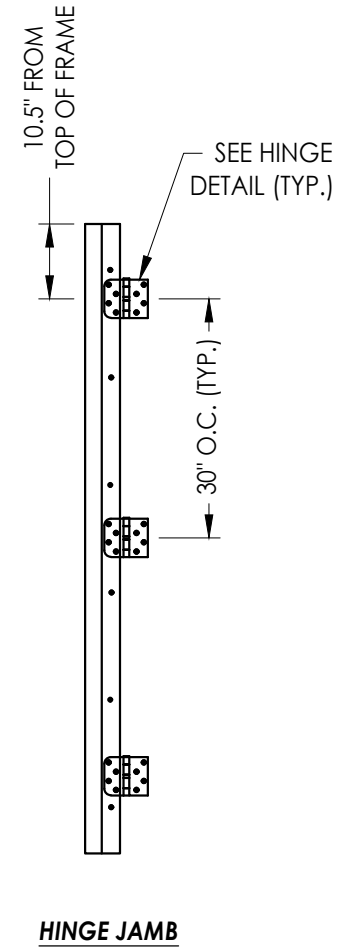
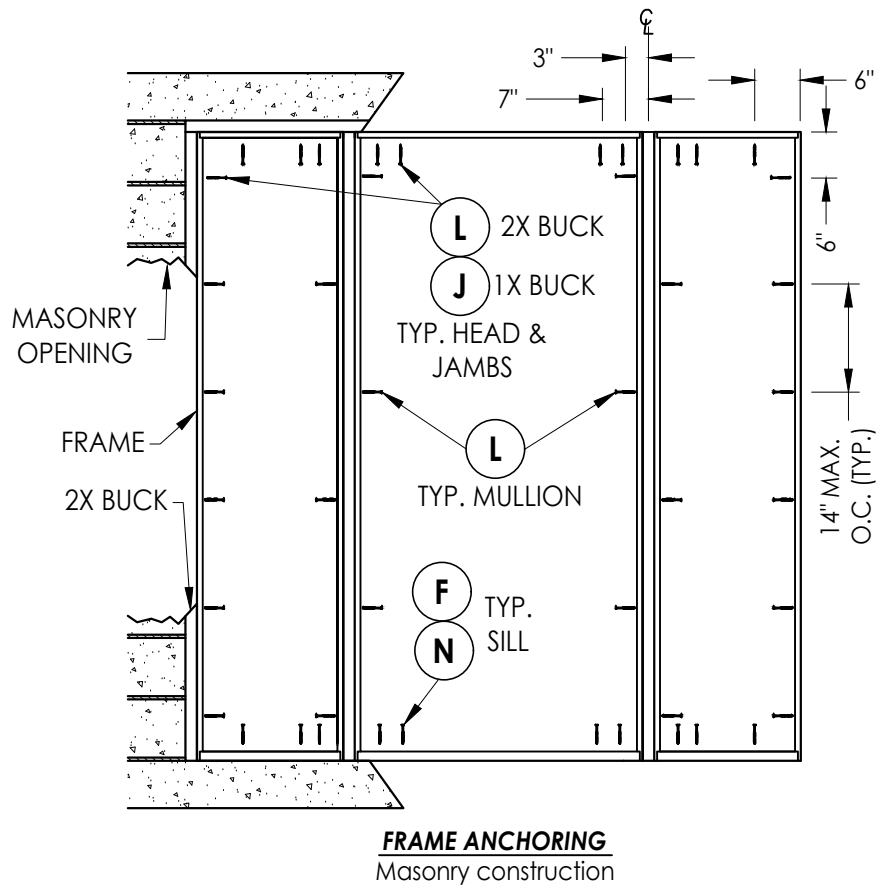
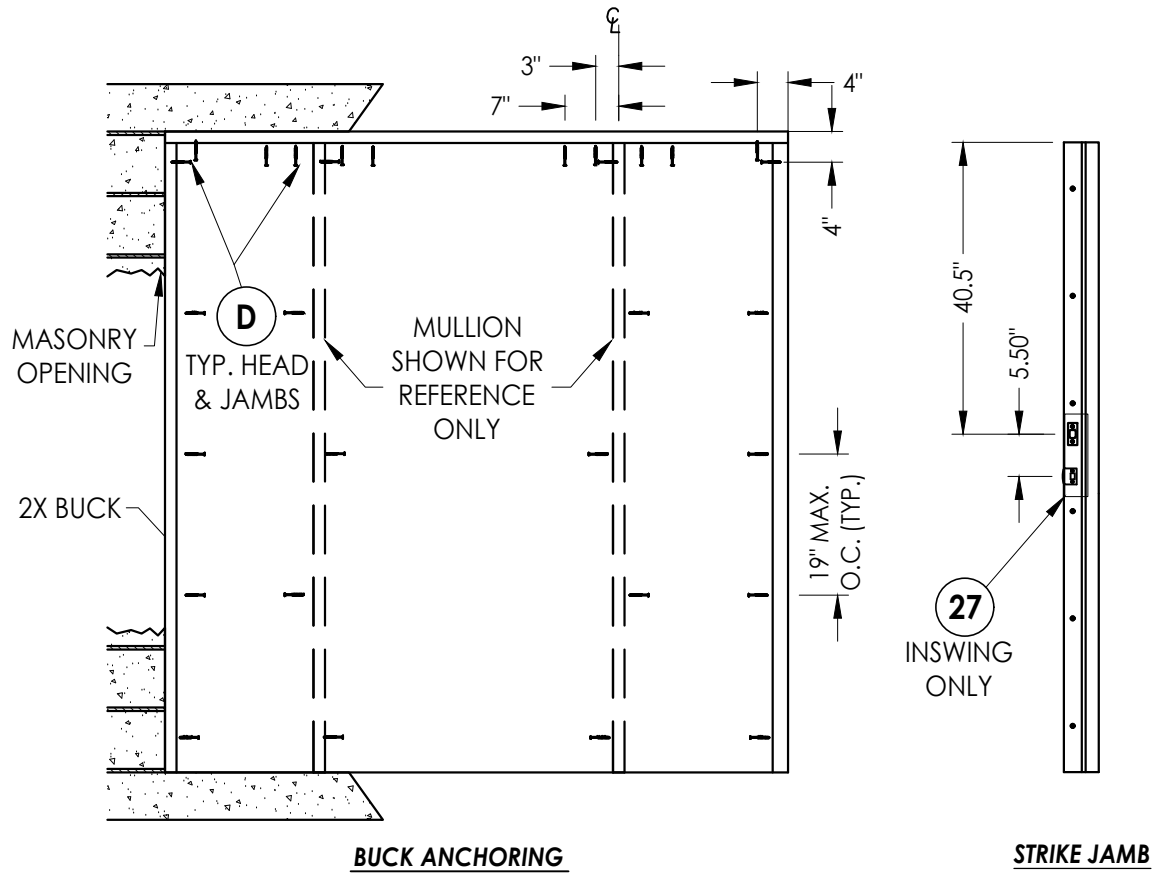
CHK. BY: LFS

DRAWING NO.:

FL-15931.4

SHEET 10 OF 12

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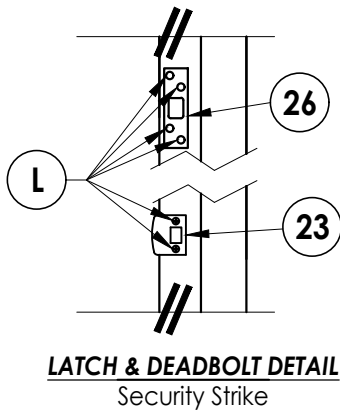
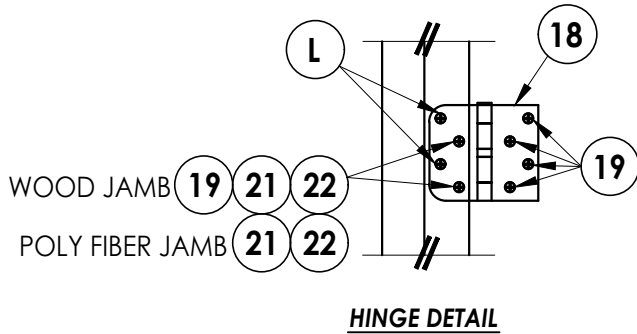
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WOOD SCREW INSTALLATION NOTES:

- 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
(OXO)

NO.	DATE	REVISIONS
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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
		BY

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: JK

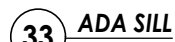
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DRAWING NO.: FL-15931.4

SHEET 11 OF 12



30 INSWING THRESHOLD



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				

SHEET 12 OF 12

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

PART OR ASSEMBLY:

**BILL OF MATERIALS
AND COMPONENTS**

[illegible]