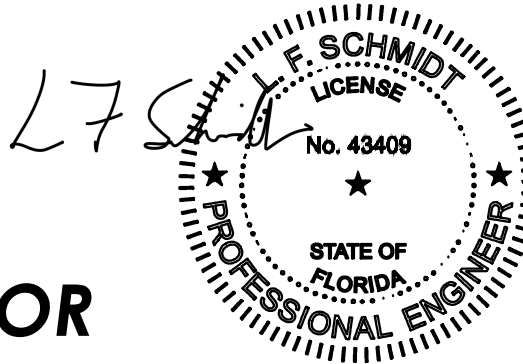




AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

TIMBERLINE DELUXE
OPAQUE FIBERGLASS DOUBLE DOOR
w/ or w/o SIDELITES
INSWING / OUTSWING
"NON-IMPACT"



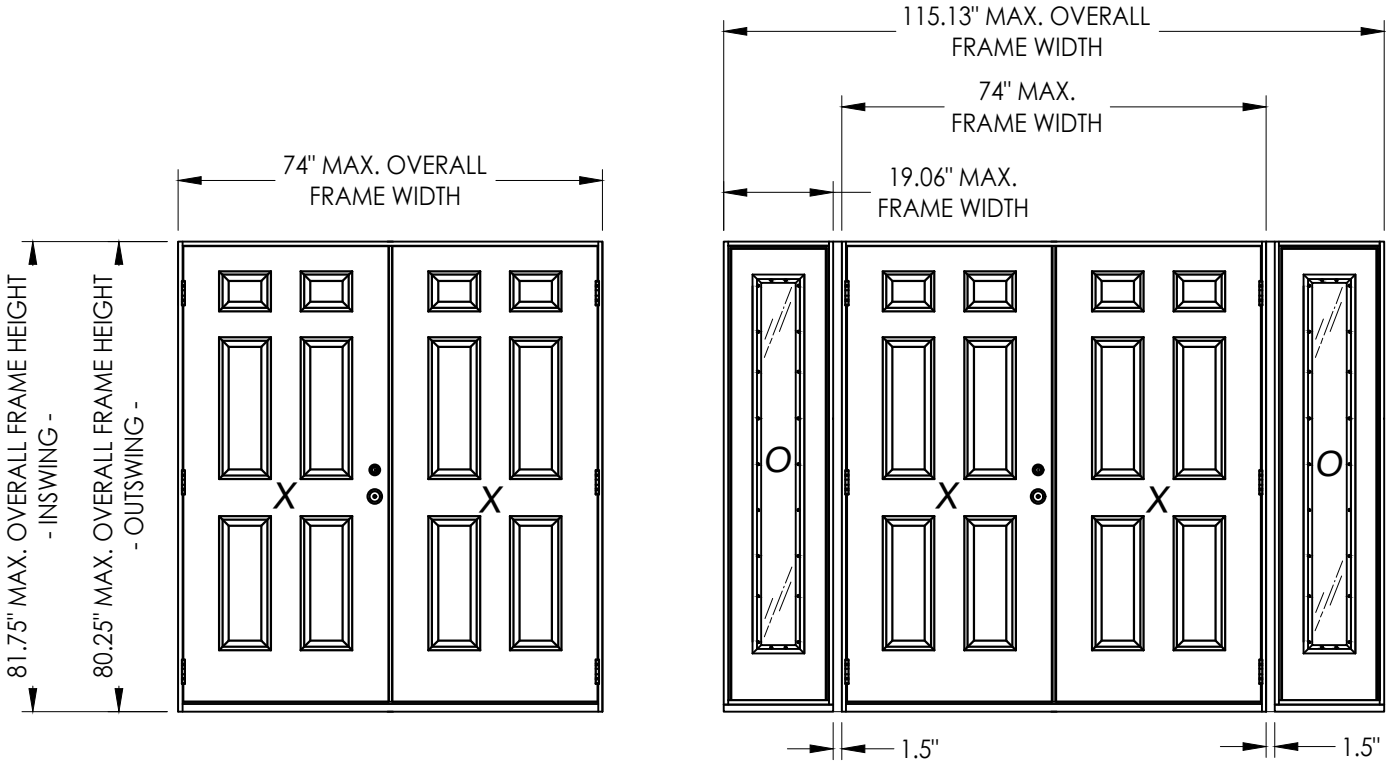
Digitally signed
by Lyndon F
Schmidt
Date:
2023.07.06
16:00:13 -04'00'

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

1. 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).
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 Section 1609.1.2 & R301.2.1.2 of the FBC.
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.



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 81.75"	N/A	+55.0	-60.0	+55.0	-55.0
OXXO	115.13" x 81.75"	7.0" x 63.13"	+55.0	-60.0	+55.0	-55.0

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

TAYLOR
FIBERGLASS DOOR

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

47/06/23UPDATE TO 8TH ED. (2023) FBC LFS

37/15/20UPDATE TO 7th ED (2020) FBC LFS

27/17/17UPDATE TO 6TH ED. (2017) FBC JK

13/9/15UPDATE TO 5TH ED. (2014) FBC JK

NO. DATE

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: AP

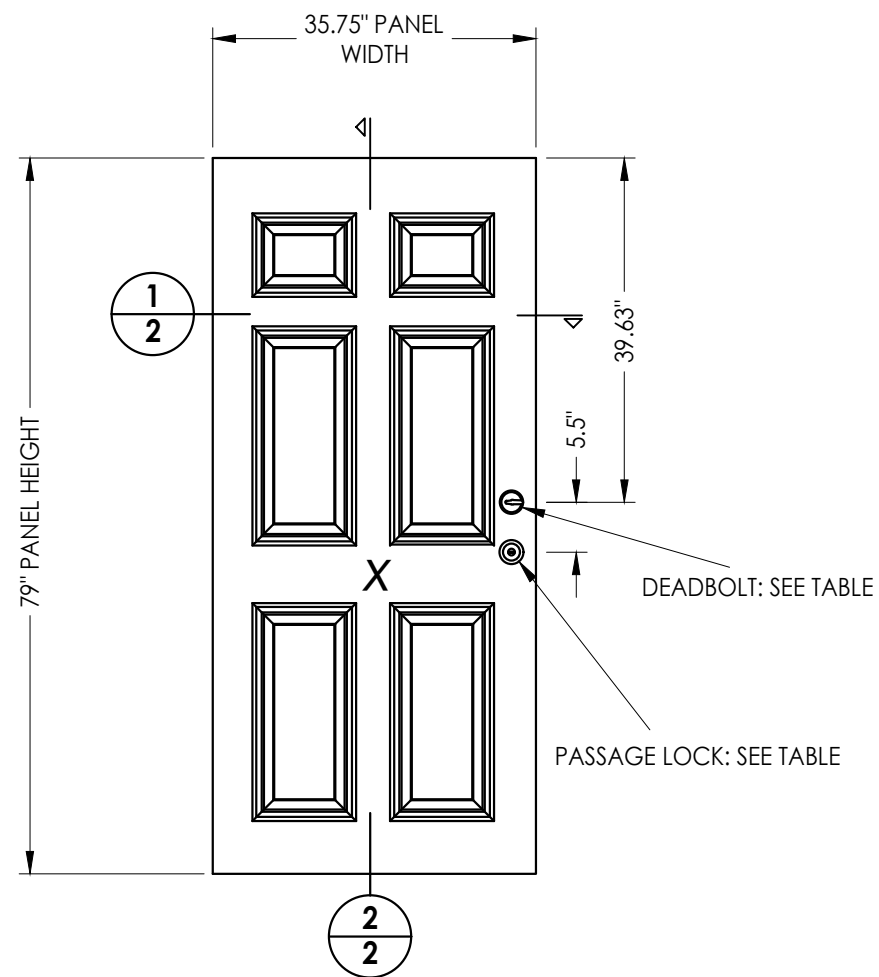
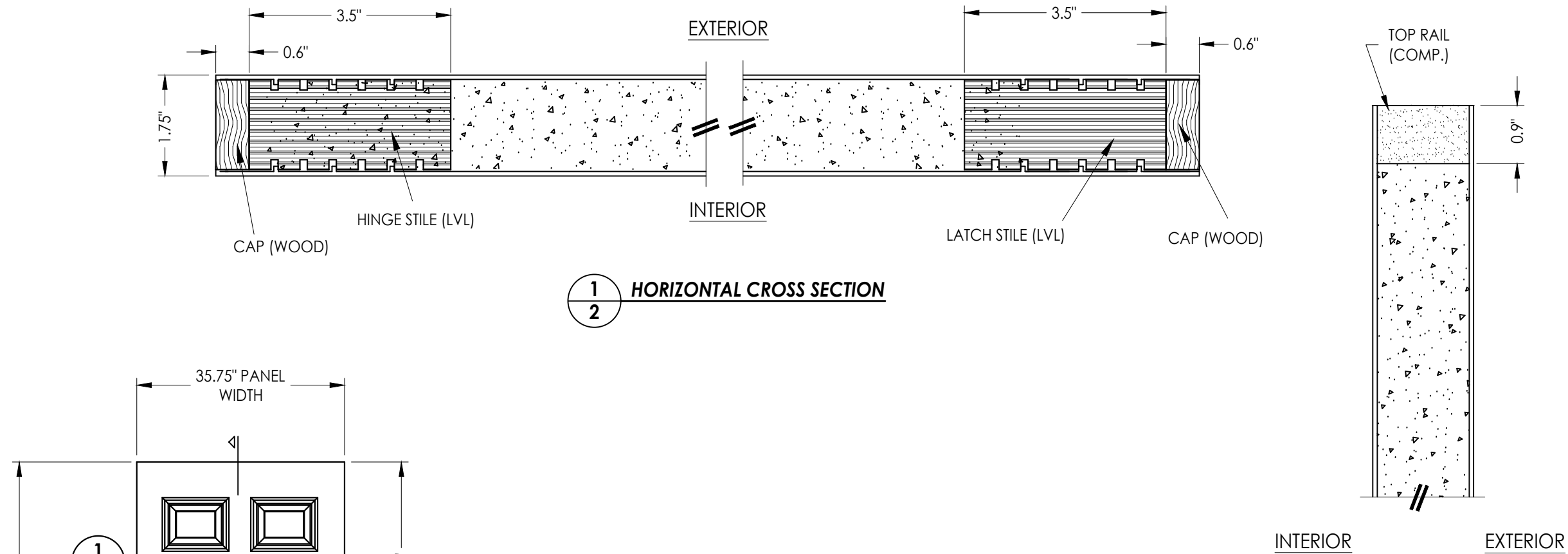
CHK. BY: LFS

DRAWING NO.: FL-15931.3

SHEET 1 OF 10

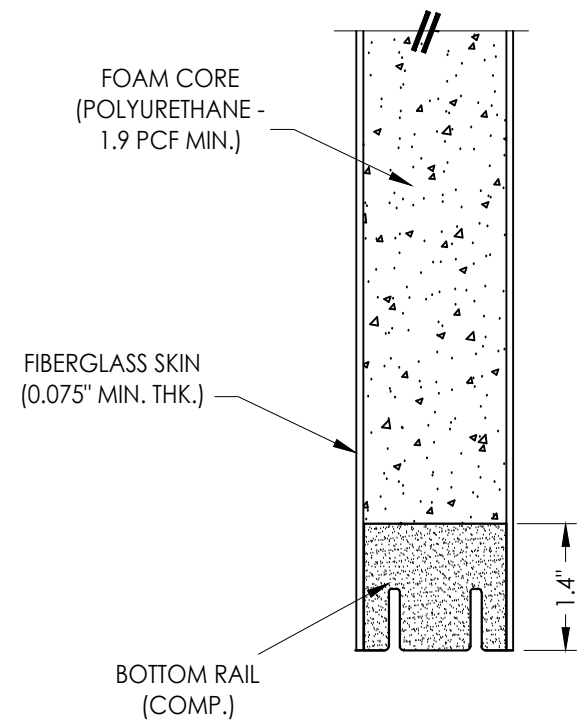
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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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

R^qW
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:
DOOR PANEL DETAILS

[illegible]

DATE: 9/12/12

SCALE: *N.T.S.*

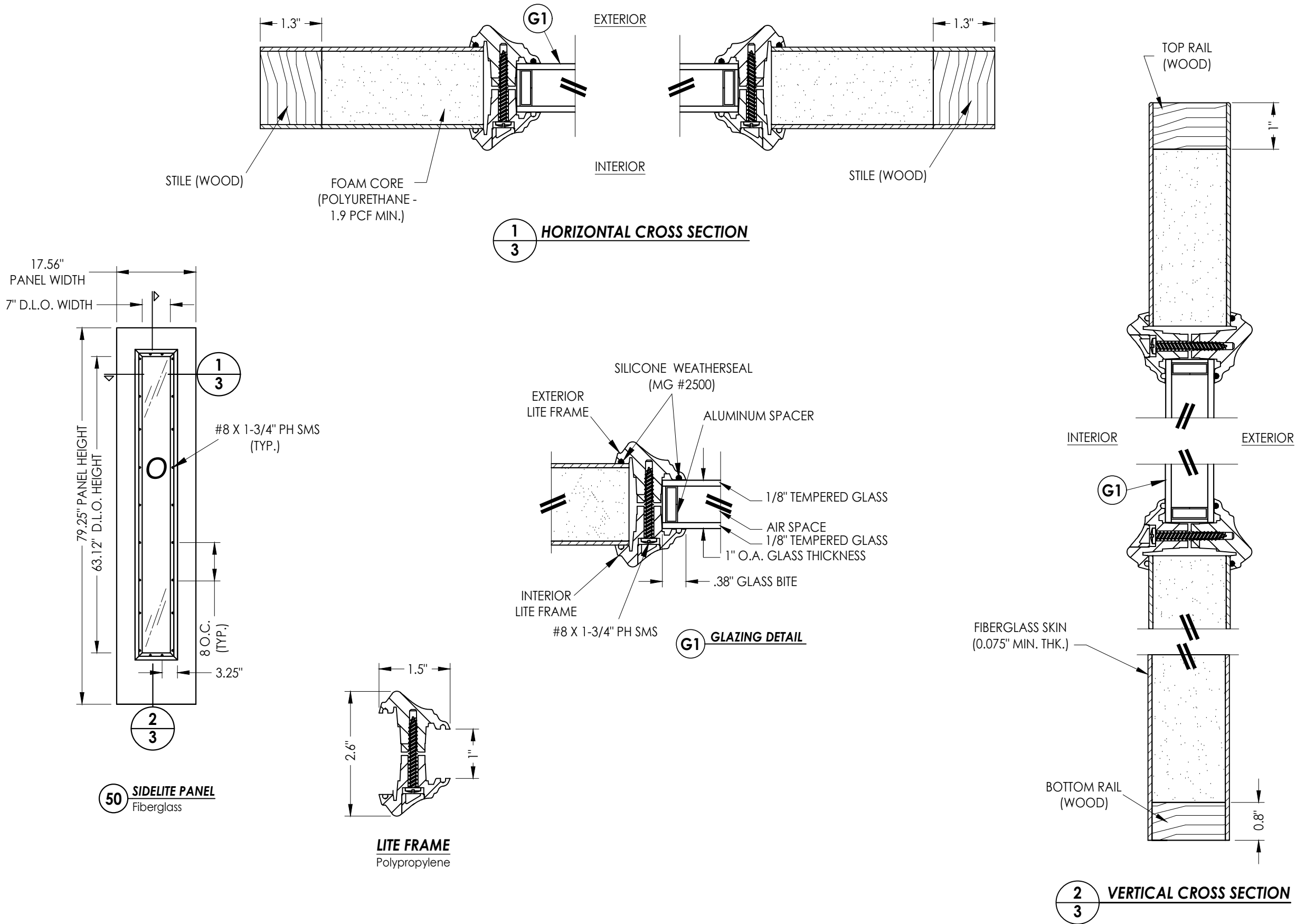
DWG. BY: *AP*

CHK. BY: *LFS*

DRAWING NO.:

FL-15931.3

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July 15, 2020

Documents Prepared By:
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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: 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

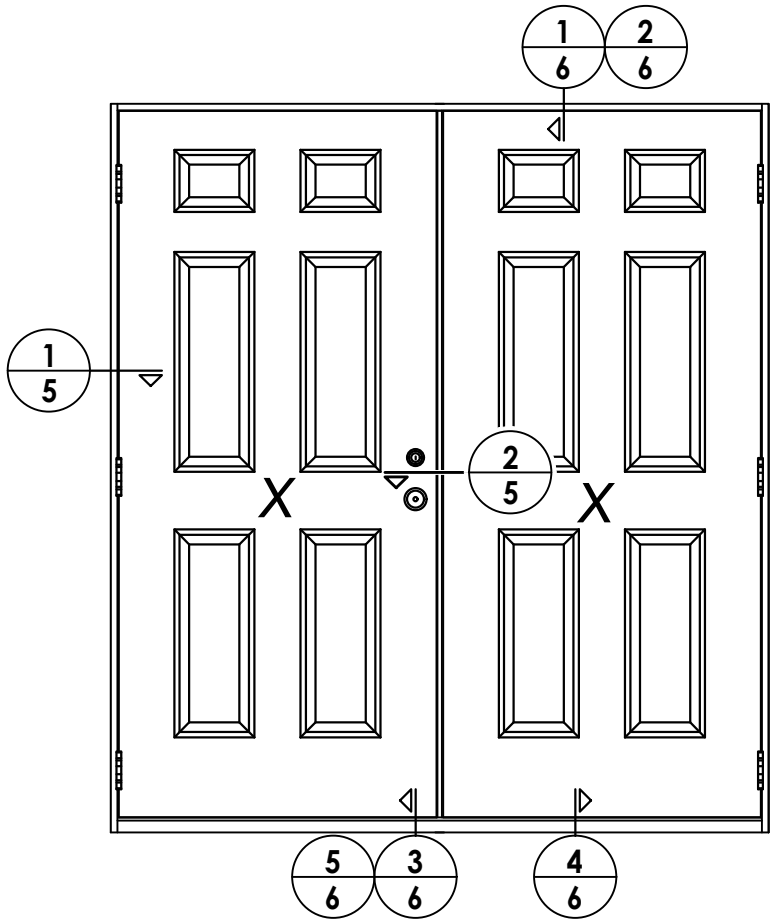
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DWG. BY: AP

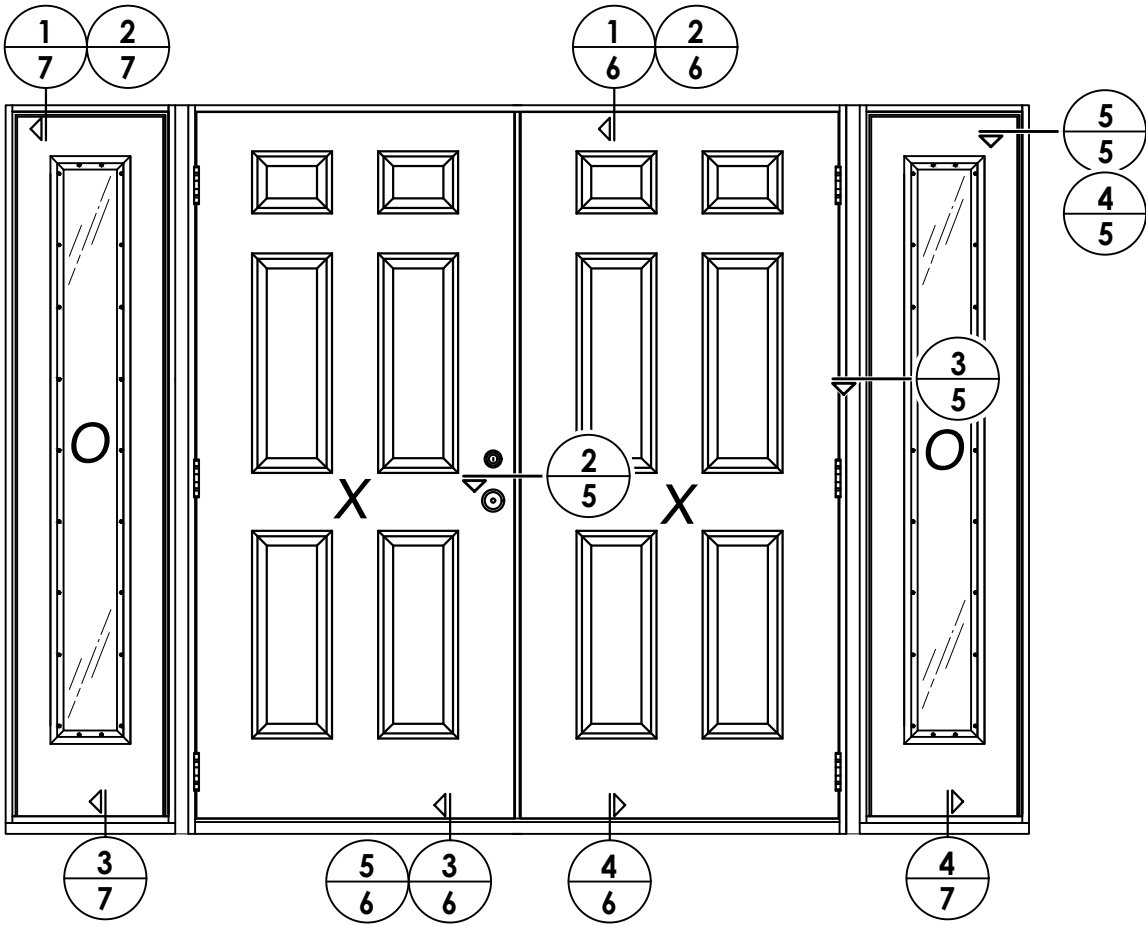
CHK. BY: LFS

DRAWING NO.: FL-15931.3

SHEET 3 OF 10

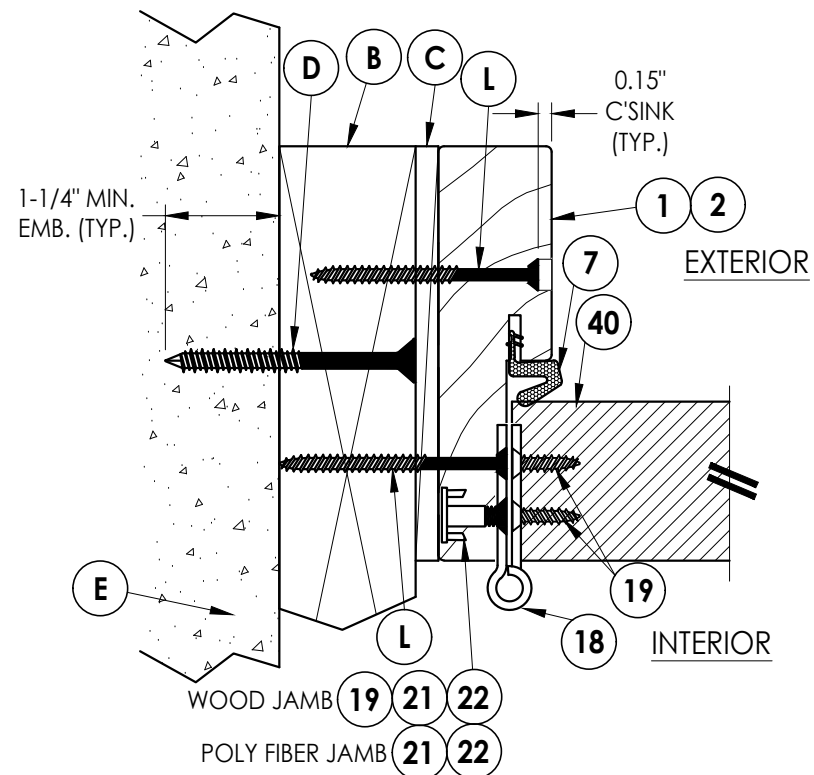


ELEVATION (XX)

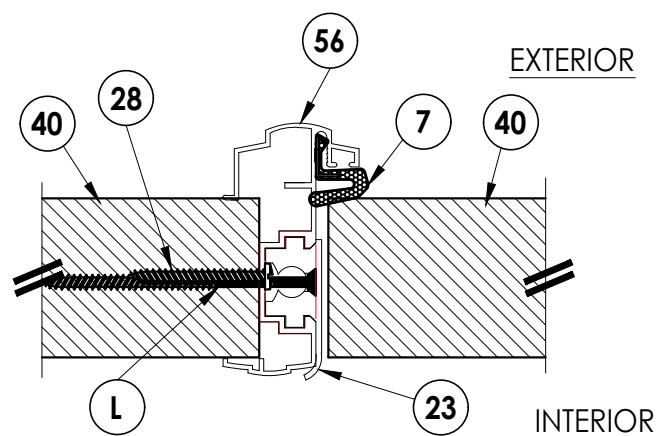


ELEVATION (OXXO)

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: ELEVATIONS			
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			
DATE: 9/12/12				REVISIONS			
SCALE: N.T.S.							
DWG. BY: AP							
CHK. BY: LFS							
DRAWING NO.: FL-15931.3							
SHEET 4 OF 10							



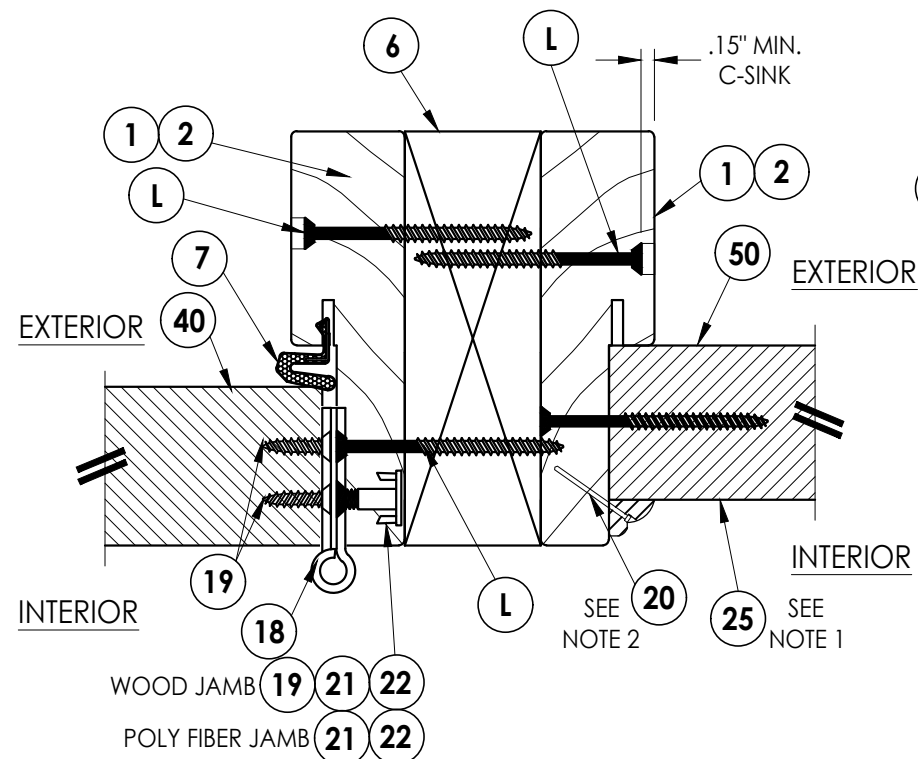
1 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing
also approved



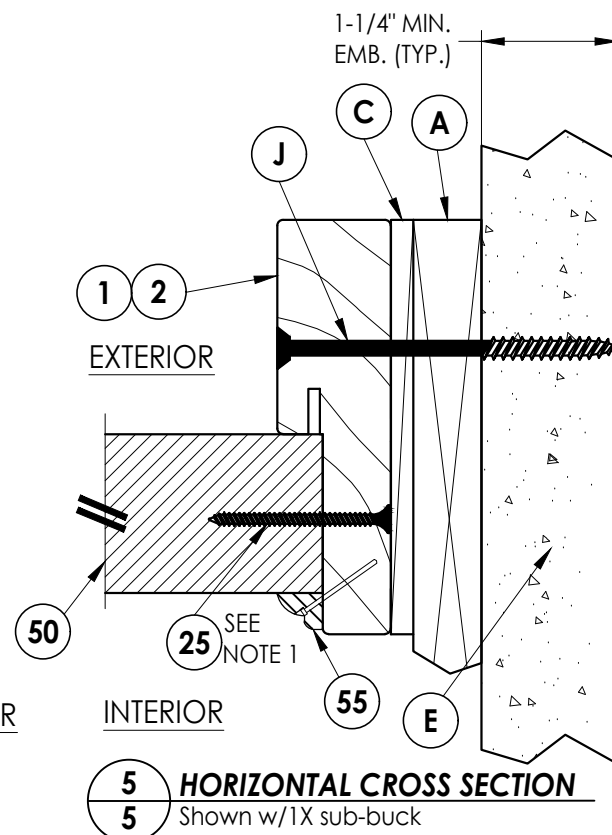
2 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing
also approved

NOTE:

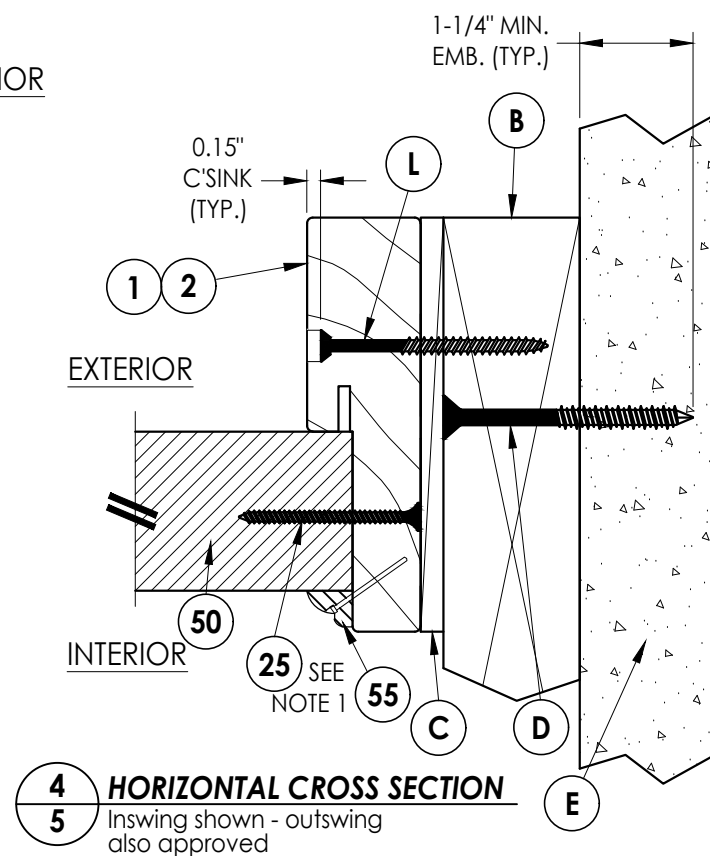
1. Sidelite ass'y fastener; 6" from each end and 6 more screws equally spaced between. (8 screws total per jamb.)
2. Trim secured with 1" Brad Nail @ 6" O.C. (TYP).



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



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

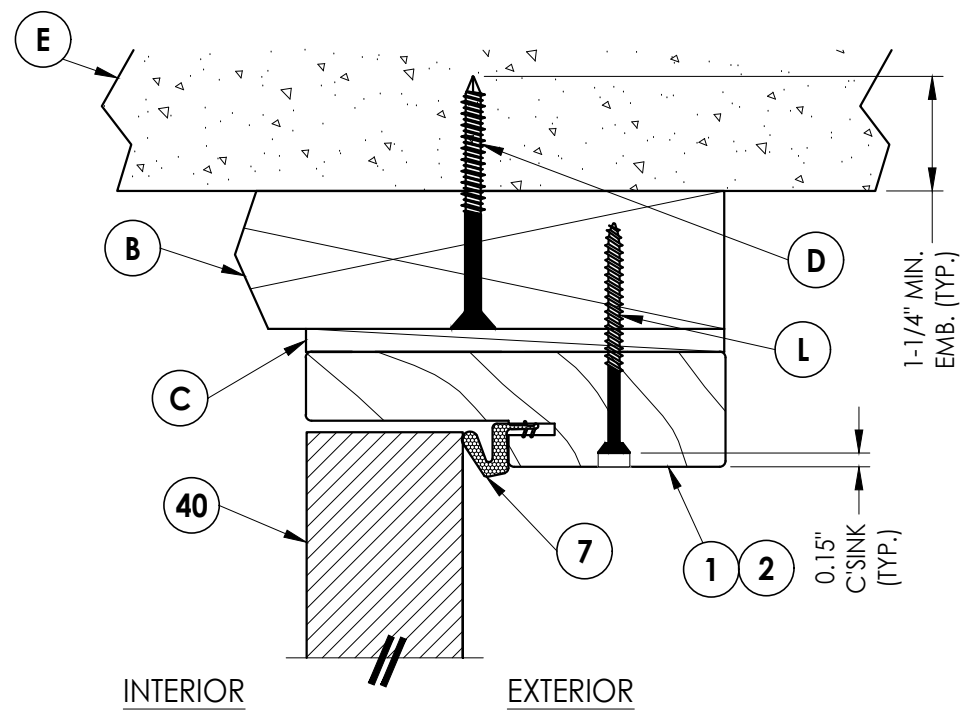


4 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing
also approved

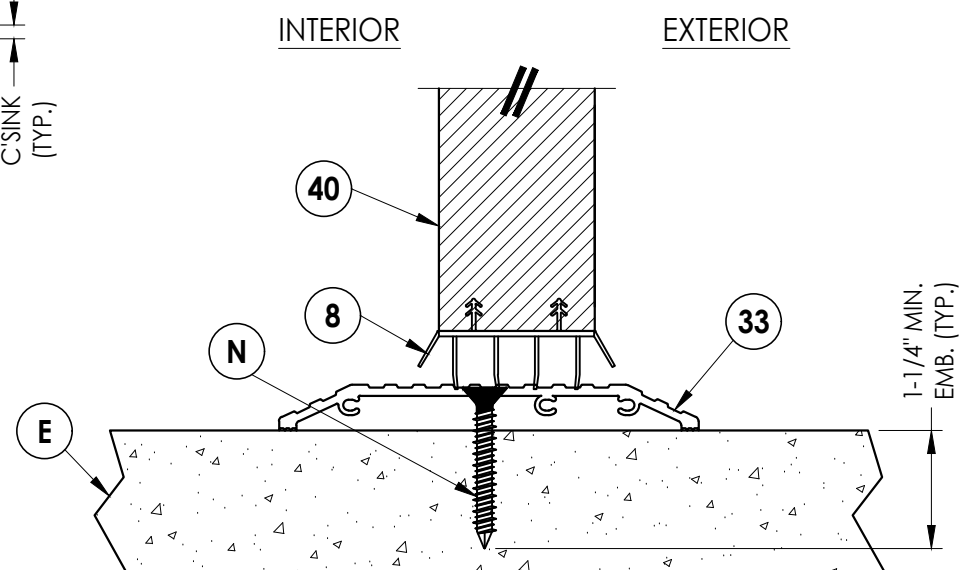
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

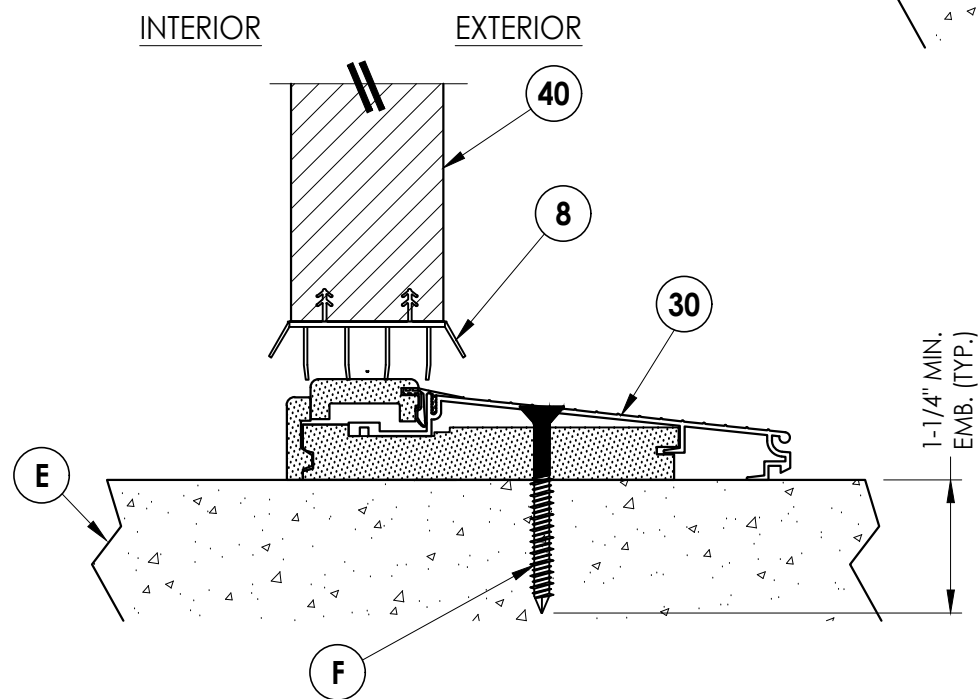
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



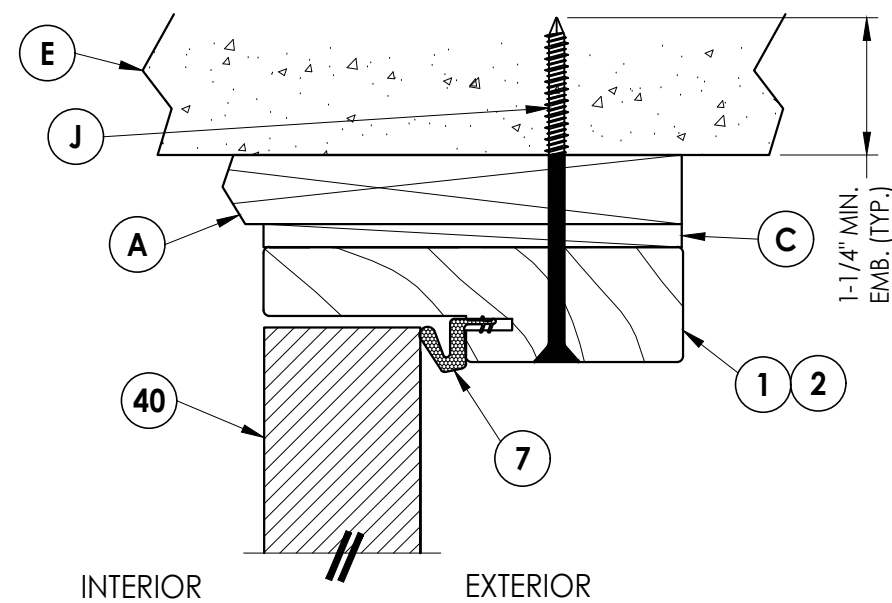
1 **VERTICAL CROSS SECTION**
6 Inswing shown - outswing
also approved



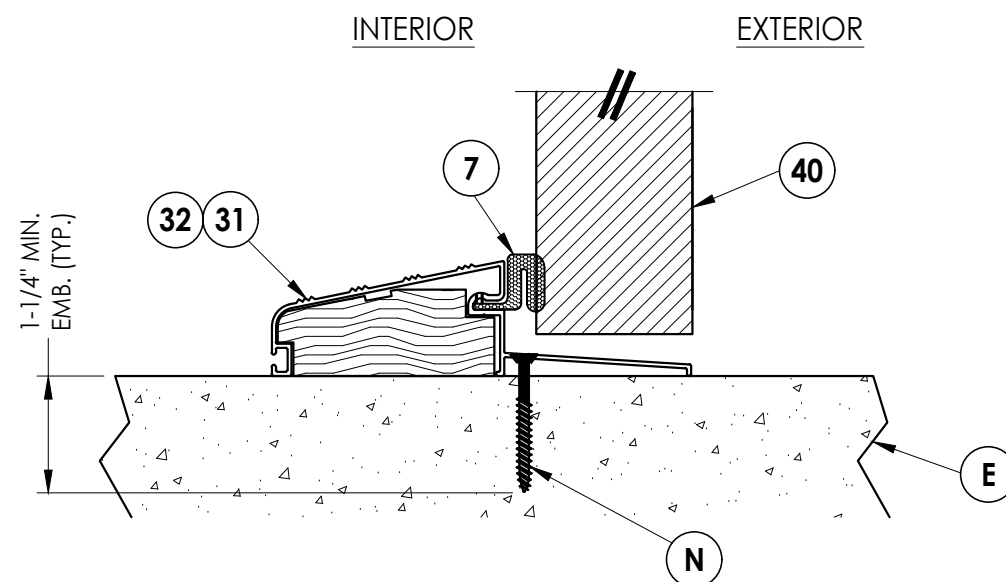
5 VERTICAL CROSS SECTION
6 Shown w/ ADA threshold



3 **VERTICAL CROSS SECTION**
6 Inswing configuration



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



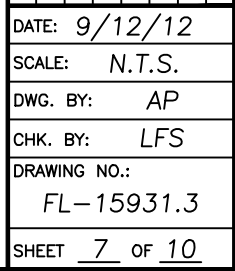
4 VERTICAL CROSS SECTION

6 Outswing configuration

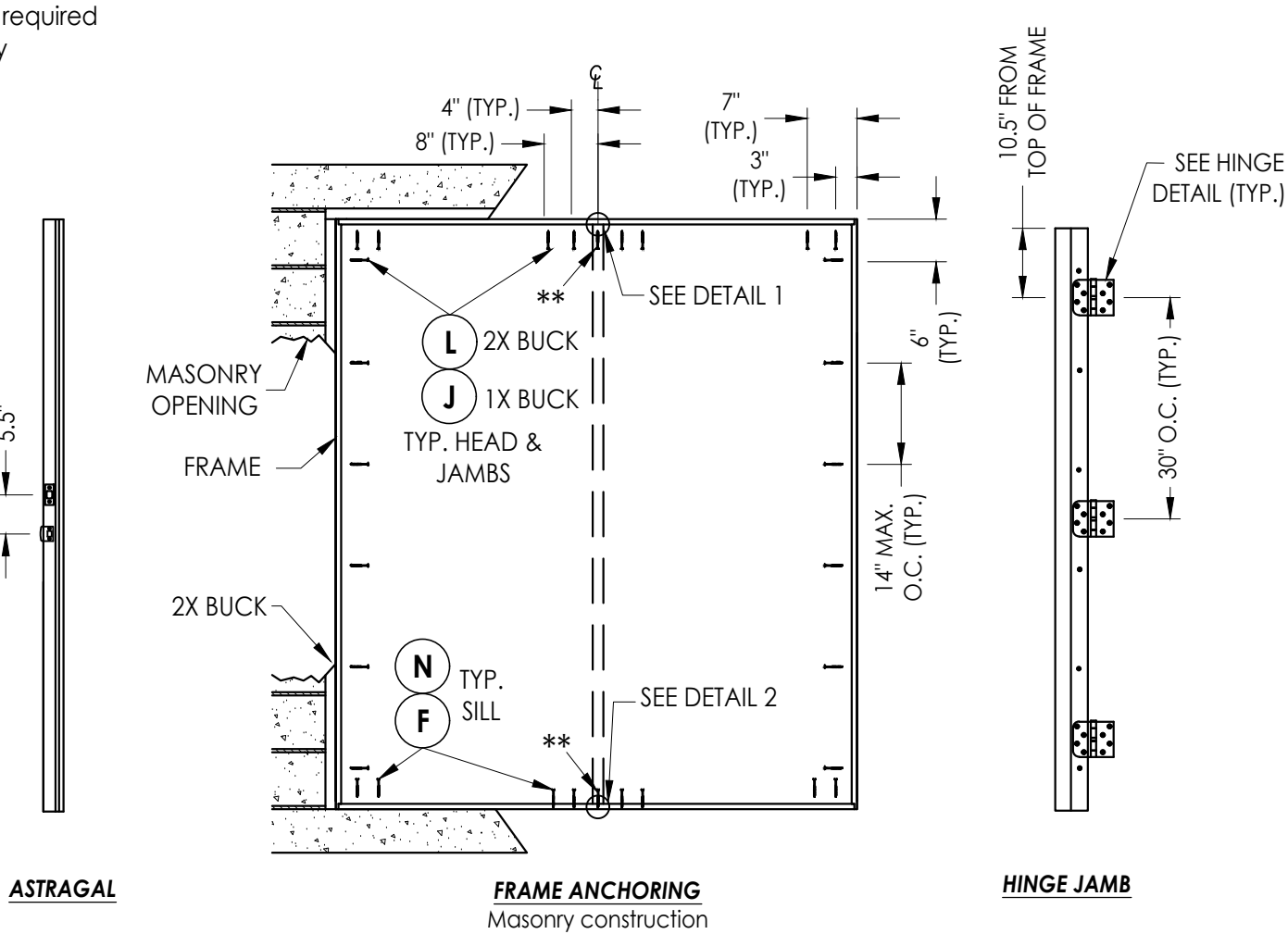
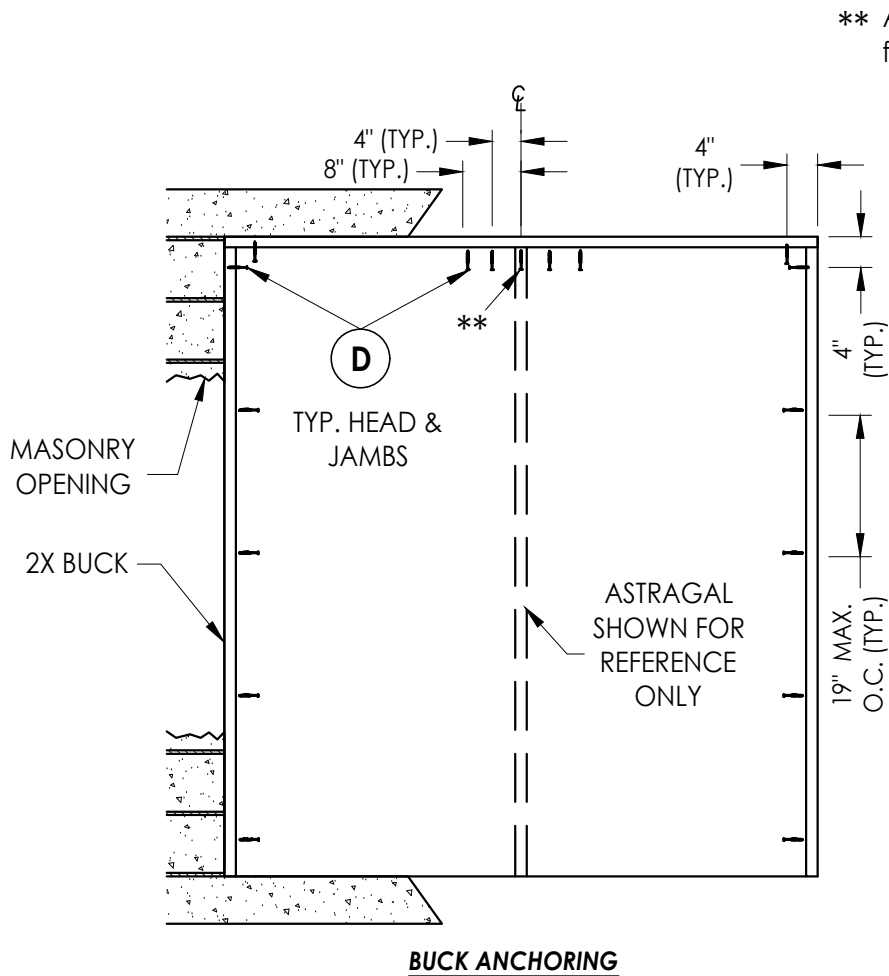
[illegible]

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



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HINGE JAMB

ASTRAGAL

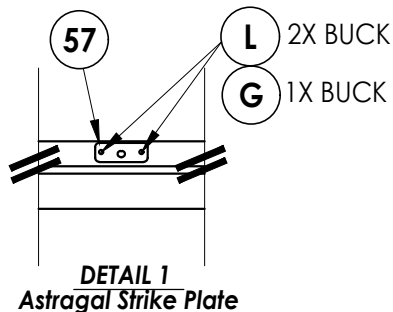
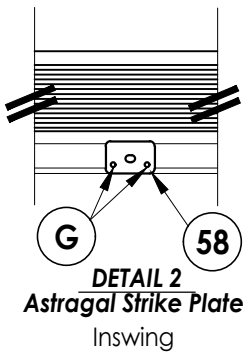
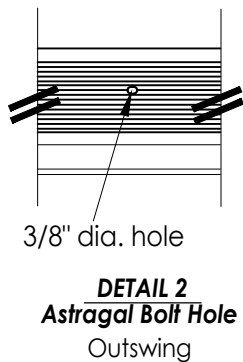
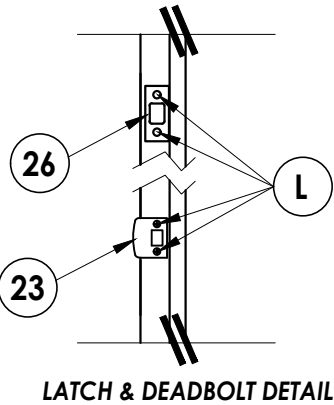
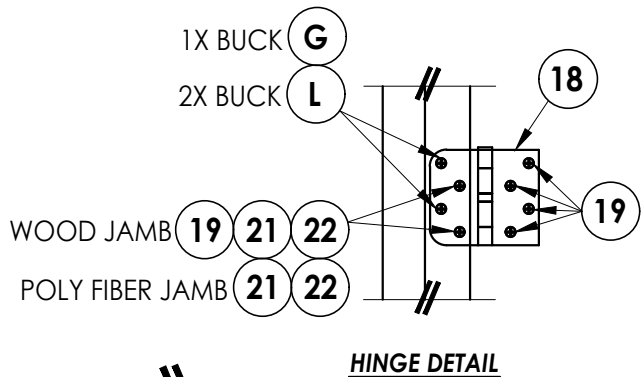
CONCRETE ANCHOR NOTES:

- 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.



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:
BUCK & FRAME ANCHORING
(XX)

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

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: AP

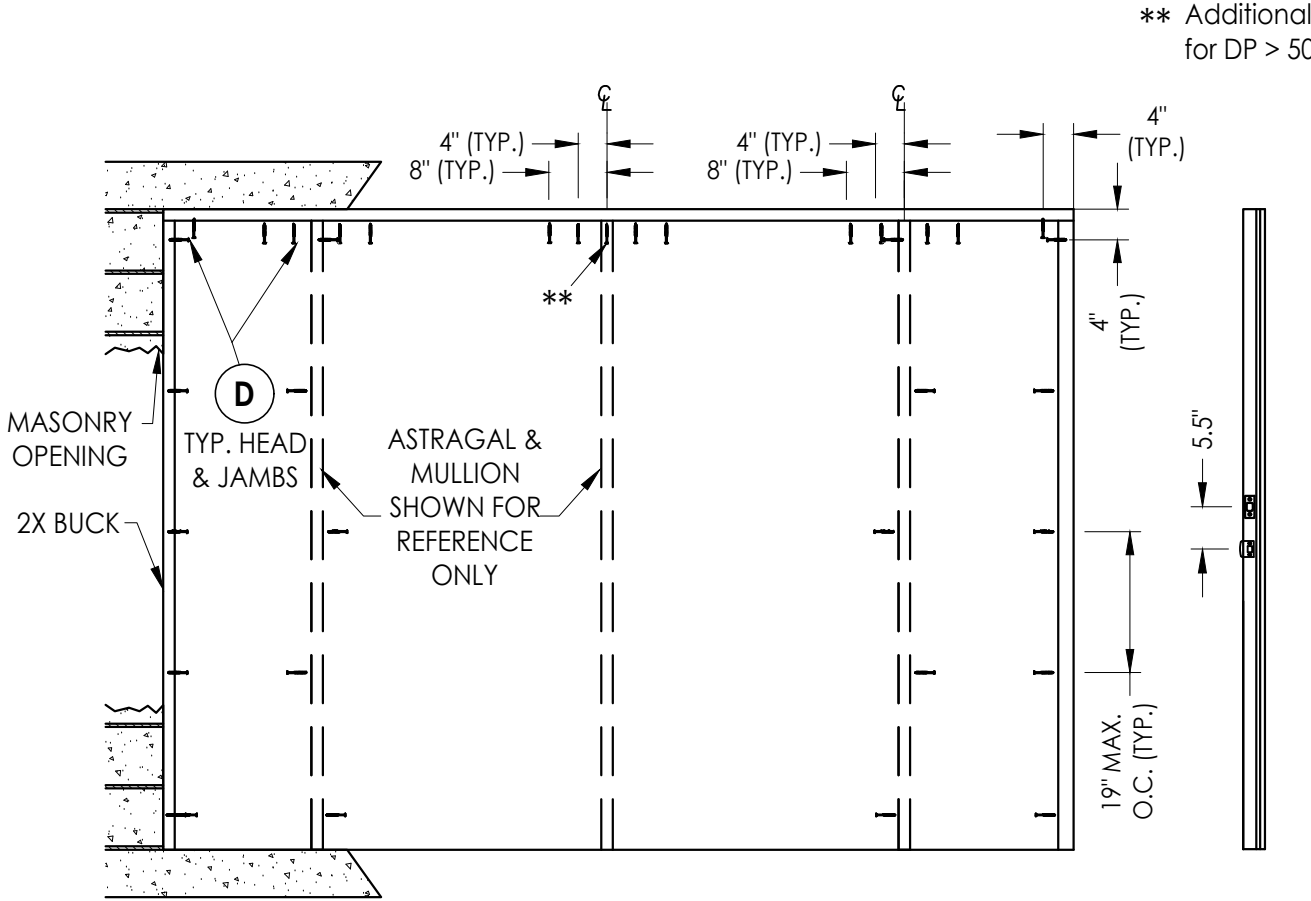
CHK. BY: LFS

DRAWING NO.:

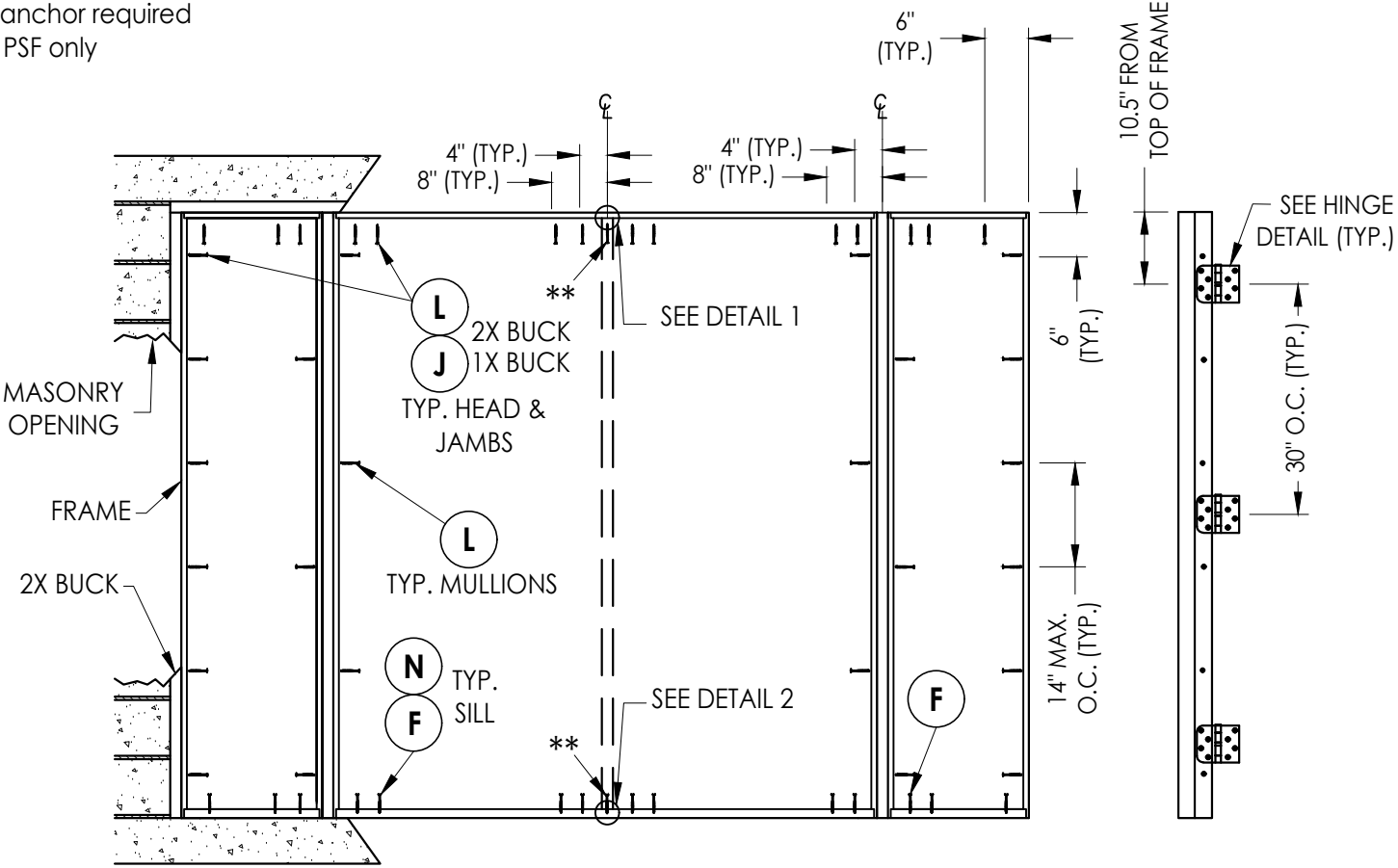
FL-15931.3

SHEET 8 OF 10

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-15931 R4\FL-15931.3.dwg



BUCK ANCHORING



ASTRAGAL

FRAME ANCHORING
Masonry construction

HINGE JAMB

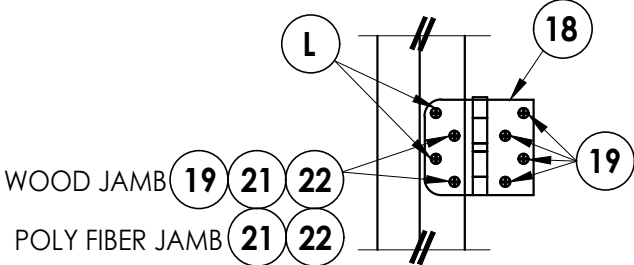
CONCRETE ANCHOR NOTES:

- 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:

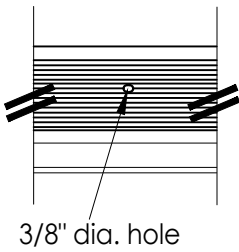
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

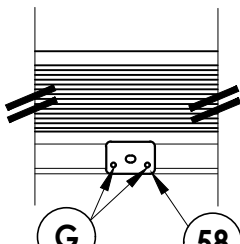
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



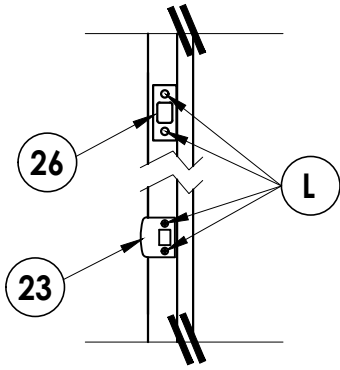
HINGE DETAIL



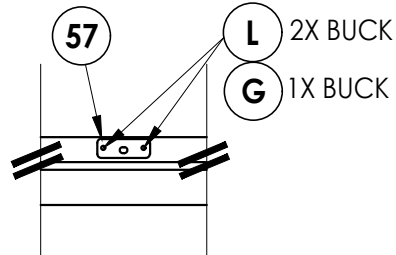
DETAIL 2
Astragal Bolt Hole
Outswing



DETAIL 2
Astragal Strike Plate
Inswing



LATCH & DEADBOLT DETAIL



DETAIL 1
Astragal Strike Plate

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

PRODUCT:
TAYLOR
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(OXXO)

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

DATE: 9/12/12

SCALE: N.T.S.

DWG. BY: AP

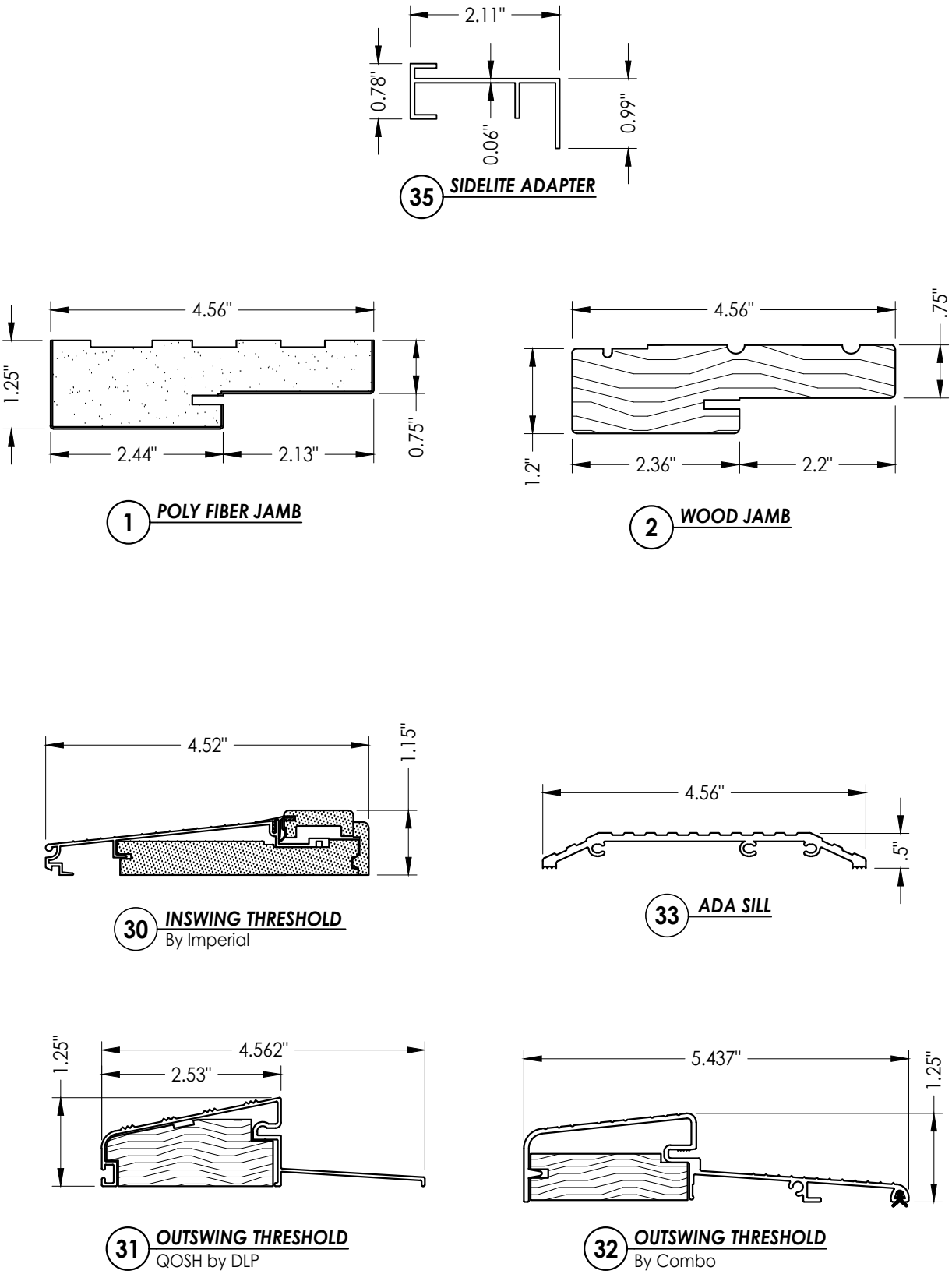
CHK. BY: LFS

DRAWING NO.:

FL-15931.3

SHEET 9 OF 10

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



DATE: 9/12/12		TAYLOR FIBERGLASS DOOR		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
SCALE: N.T.S.		PART OR ASSEMBLY:		<i>R^qW</i>	
DWG. BY: JK		BILL OF MATERIALS AND COMPONENTS			
CHK. BY: LFS					
DRAWING NO.: FL-15931.3					
SHEET 10 OF 10					
REVISIONS					
NO.		DATE			
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	
BY				JK	