

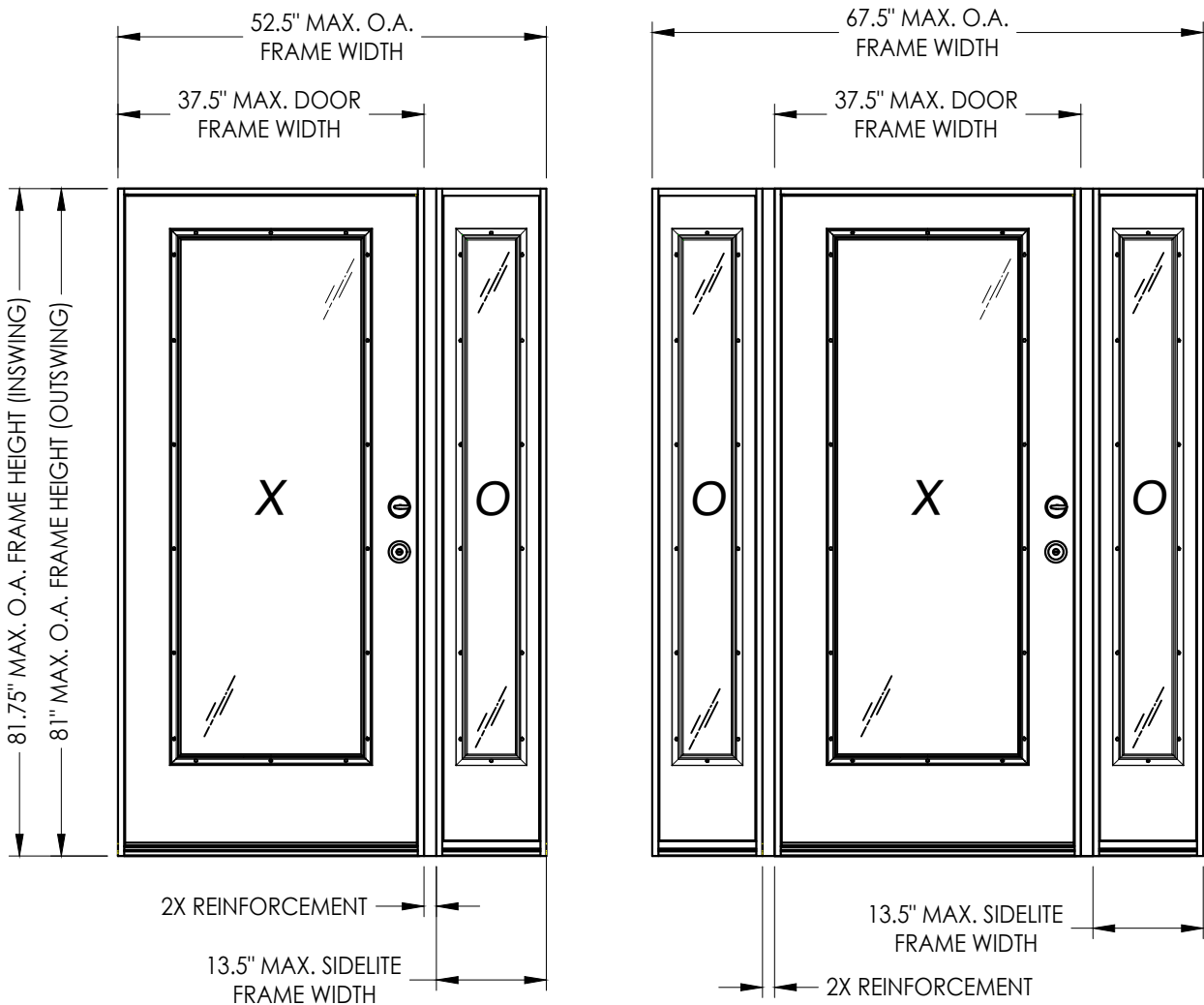


STARLINK
GLAZED FIBERGLASS ENTRY DOORS
INSWING / OUTSWING
"NON-IMPACT"

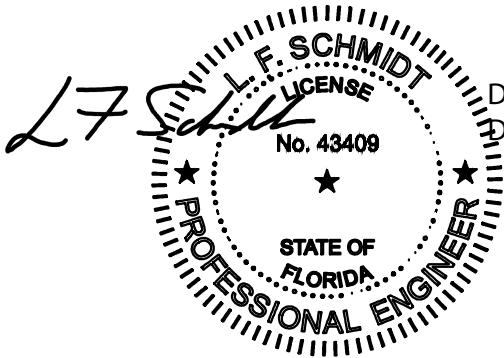
GENERAL NOTES

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 FBC Sections 1609.1.2 & R301.2.1.2.
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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Buck Anchoring
10	Frame Anchoring
11	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO/OX	52.5" x 81.75"	2X	+45.0	-45.0	+45.0	-45.0
OXO	67.5" x 81.75"	2X	+45.0	-45.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.08 16:50:29 -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

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

PRODUCT: STARLINK
FIBERGLASS DOORS

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

NO.	DATE	REVISIONS	
		BY	LFS
1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC

DATE: 11/19/20

SCALE: N.T.S.

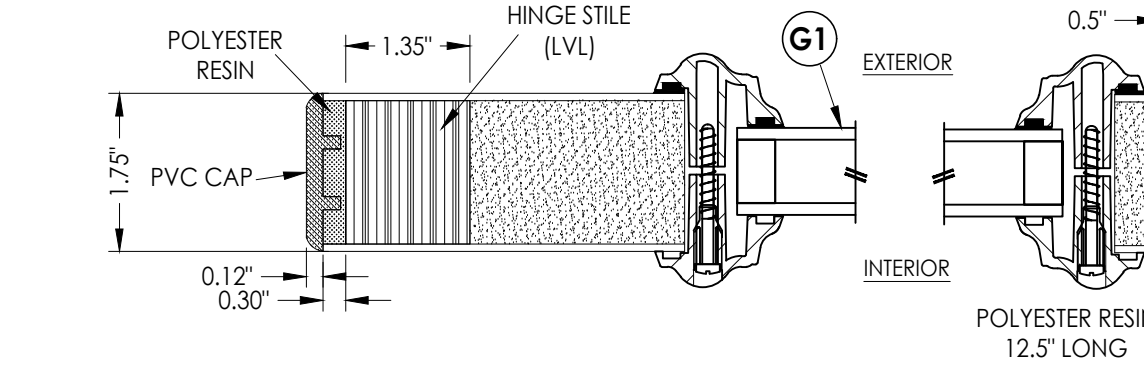
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CHK. BY: LFS

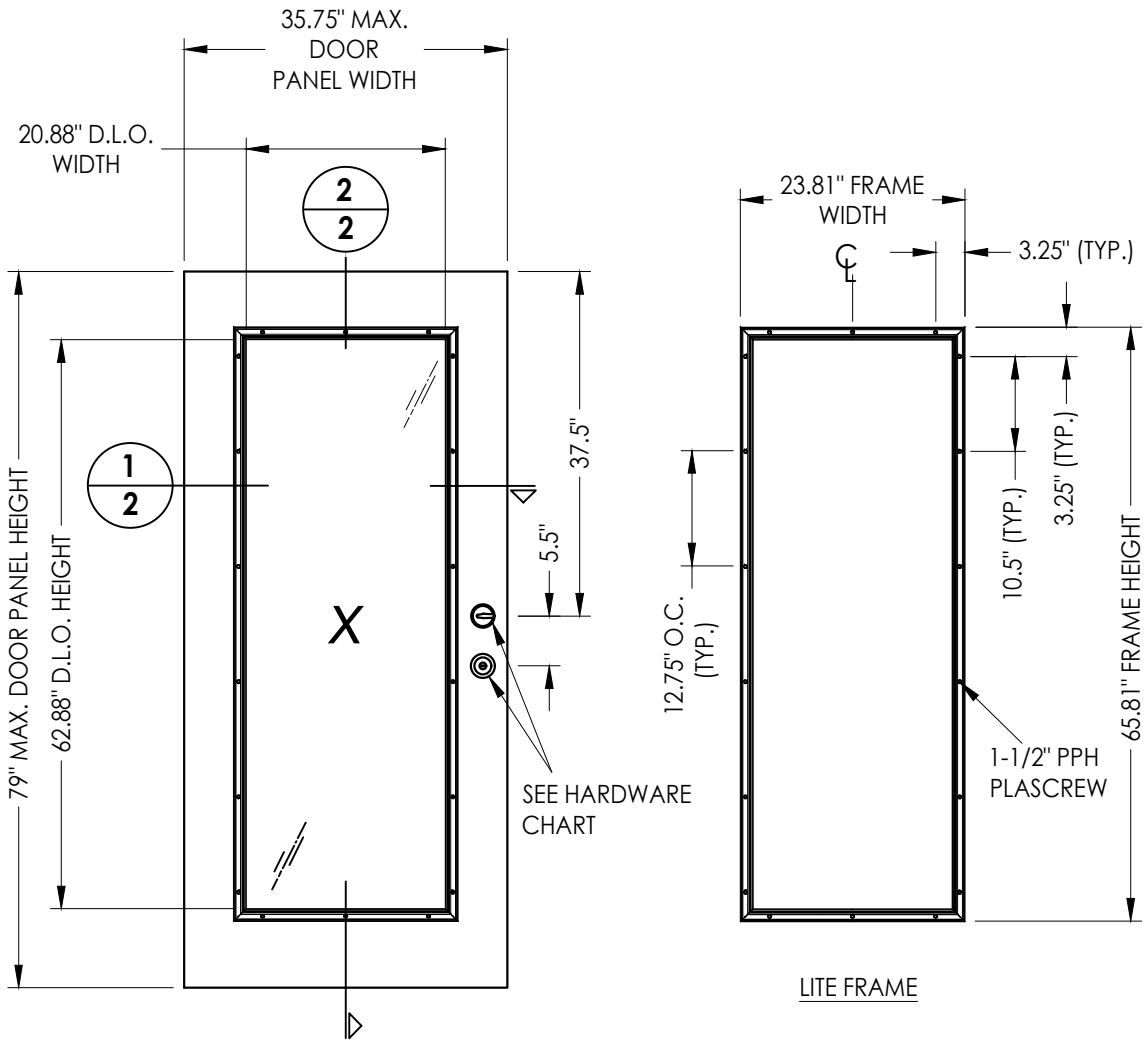
DRAWING NO.:
FL-35309.5

SHEET 1 OF 11

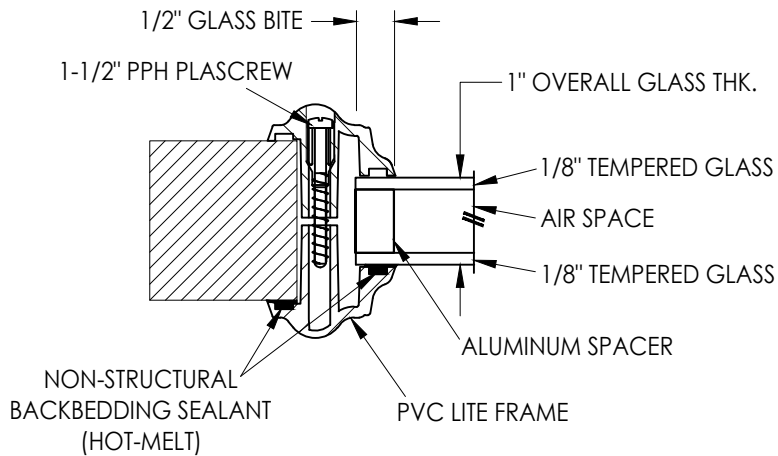
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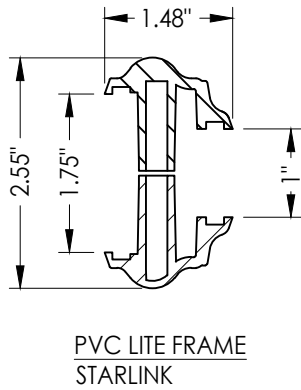
1
2 **HORIZONTAL CROSS SECTION**



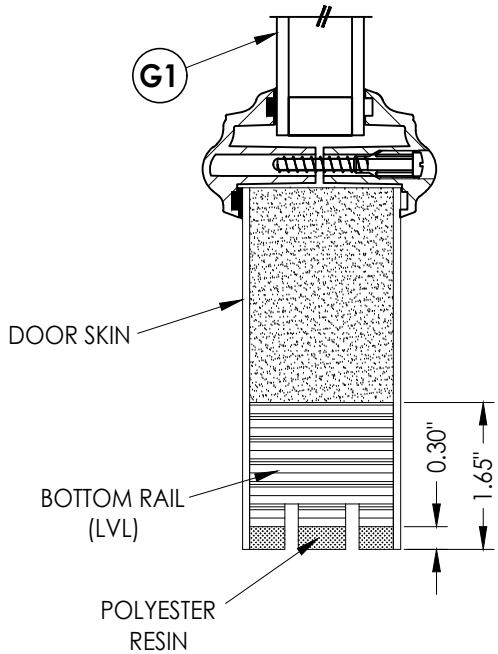
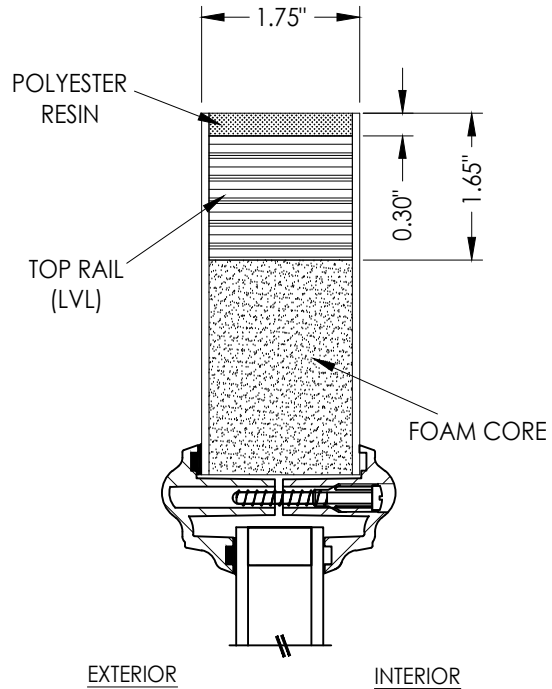
40 **DOOR PANEL**



G1 **GLAZING DETAIL**



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	Signature Series
	DEADBOLT:	Signature Series (980)
SCHLAGE	KNOB:	F Series (F51)
	DEADBOLT:	B Series (B60N)



2
2 **VERTICAL CROSS SECTION**

FIBERGLASS DOOR SKIN: MIN. 0.080" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

Documents Prepared By:
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PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS	
		BY	DATE
1	8/08/23	LFS	UPDATE TO 8TH ED. (2023) FBC

DATE: 11/19/20

SCALE: N.T.S.

DWG. BY: RW

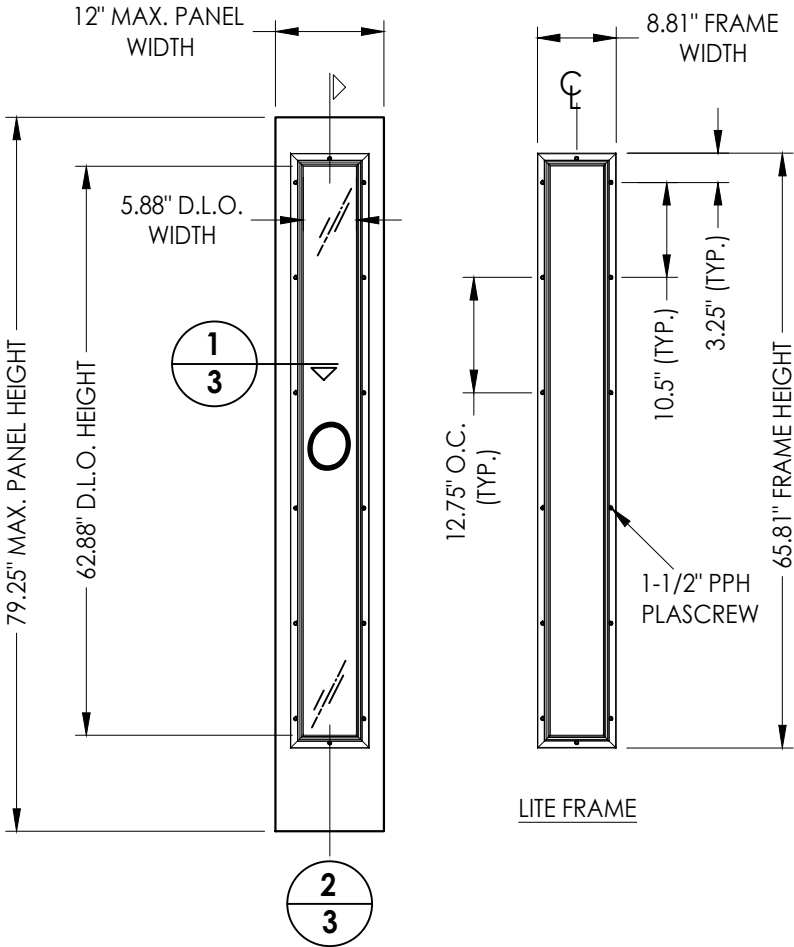
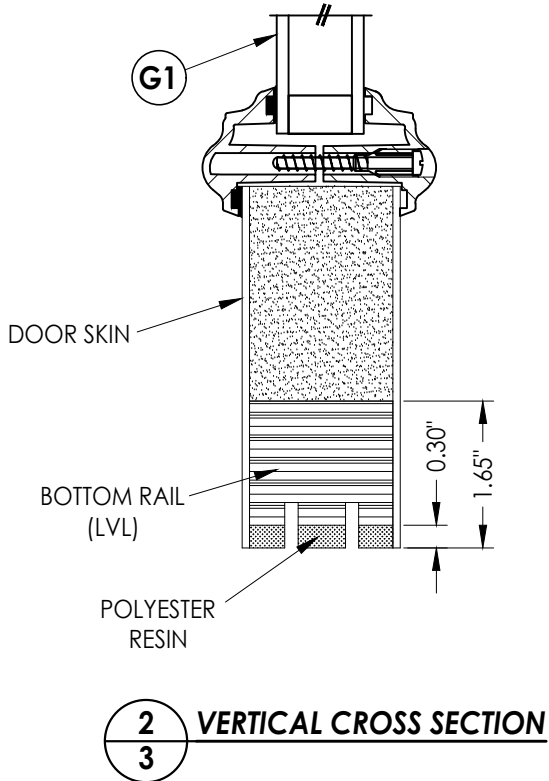
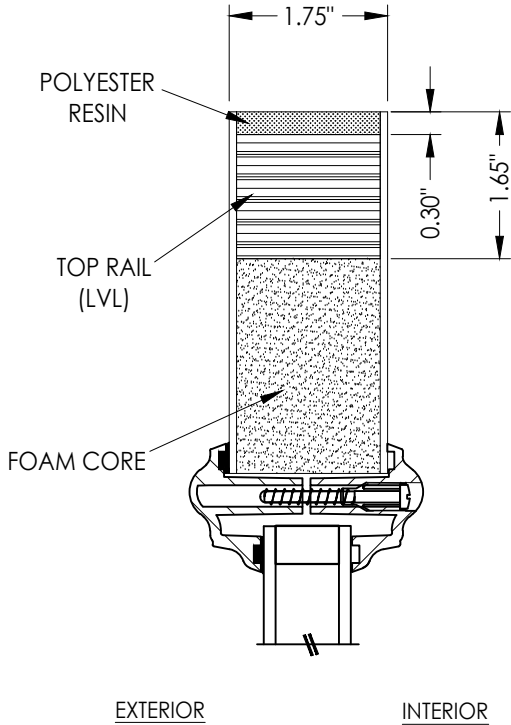
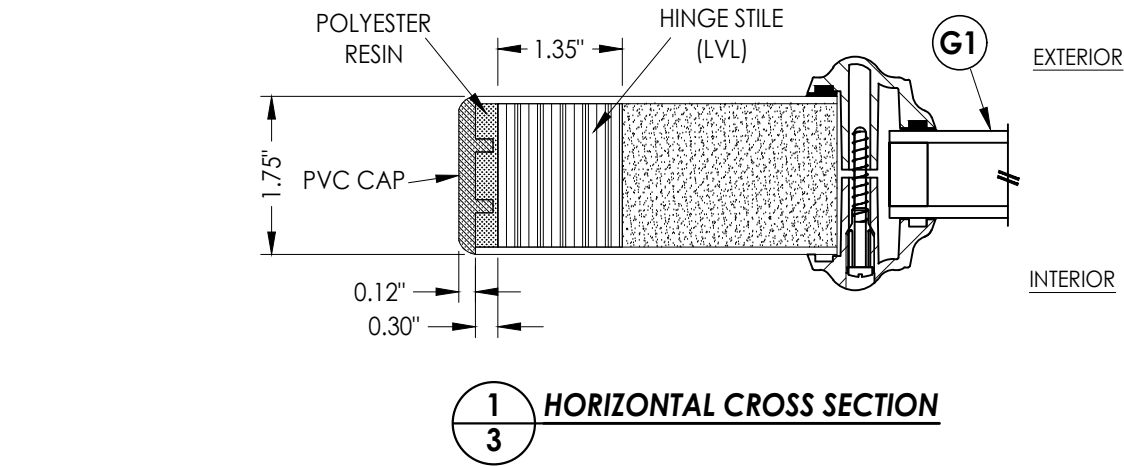
CHK. BY: LFS

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FL-35309.5

SHEET 2 OF 11

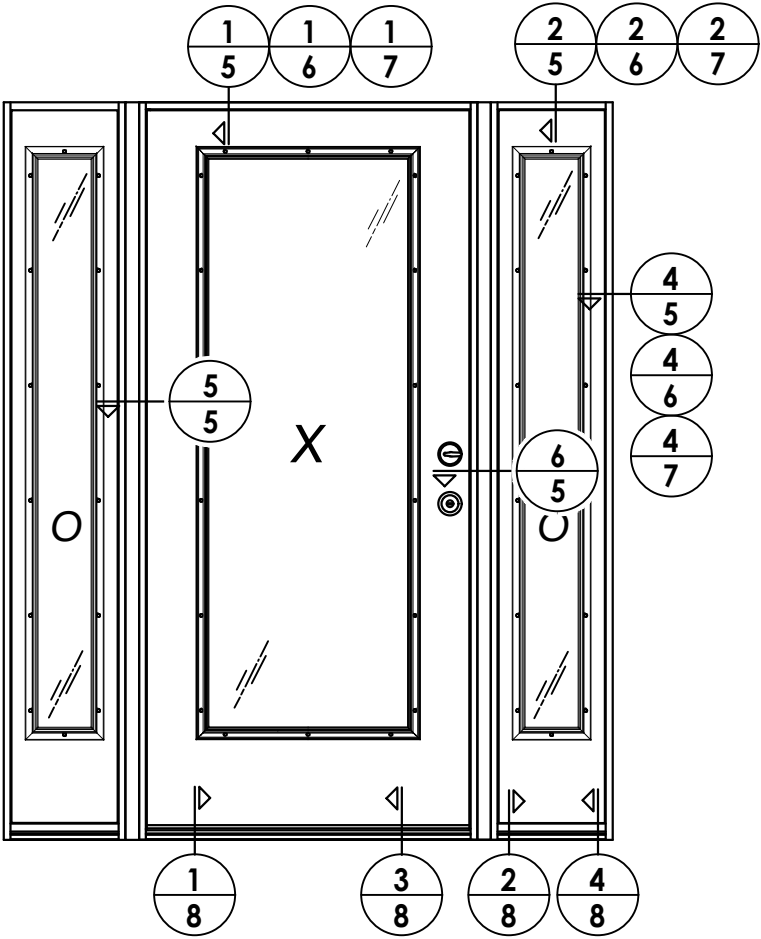
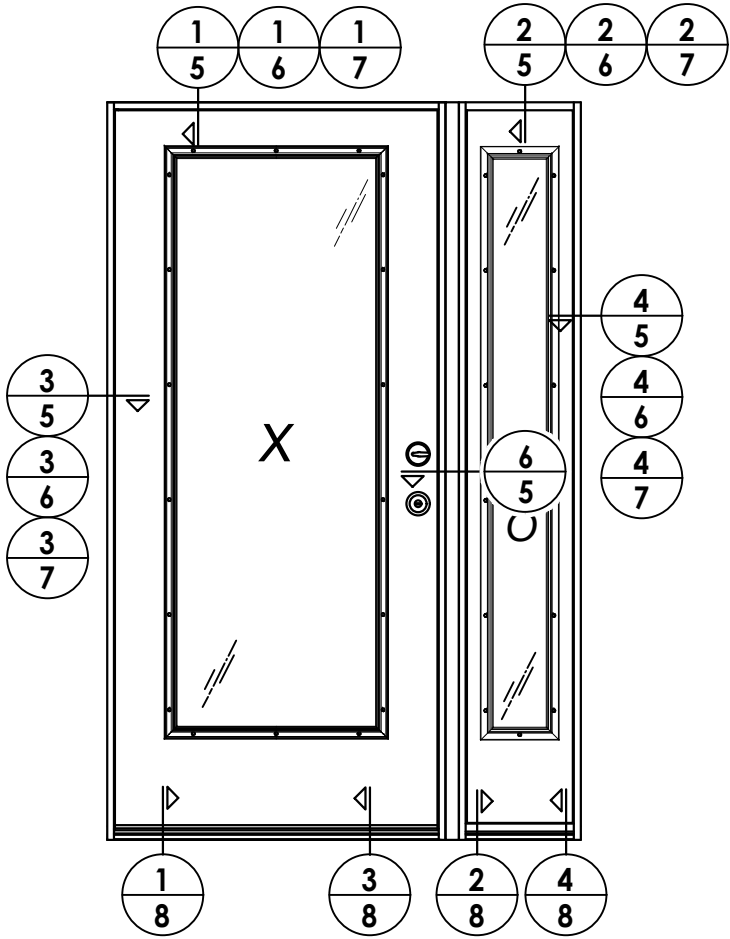
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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FIBERGLASS SIDELITE SKIN: MIN. 0.070" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

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PRODUCT: STARLINK FIBERGLASS DOORS				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			
				1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
				NO.	DATE		BY
				REVISIONS			
DATE: 11/19/20							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-35309.5							
SHEET 3 OF 11							



DATE: 11/19/20
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DRAWING NO.:
FL-35309.5
SHEET 4 OF 11

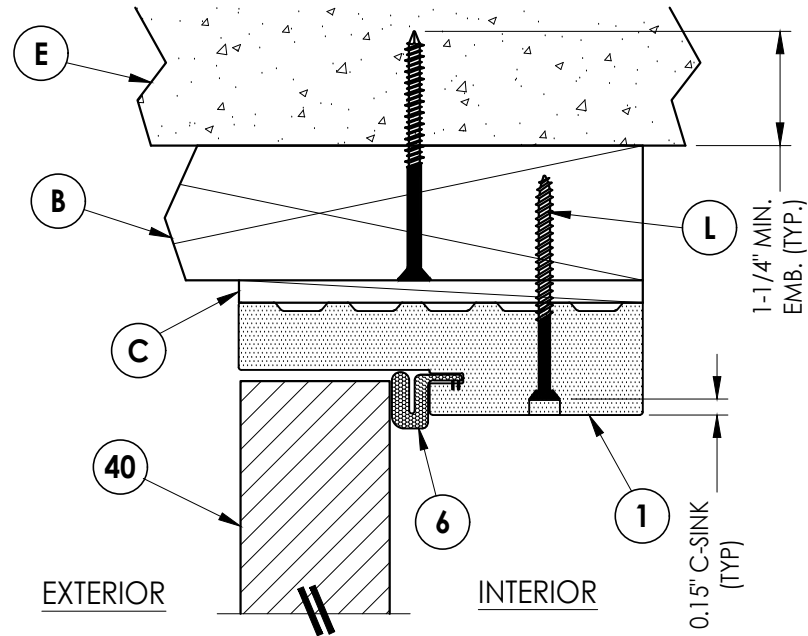
NO.	DATE	REVISIONS
1	8/08/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

PRODUCT:	STARLINK FIBERGLASS DOORS
PART OR ASSEMBLY:	ELEVATIONS

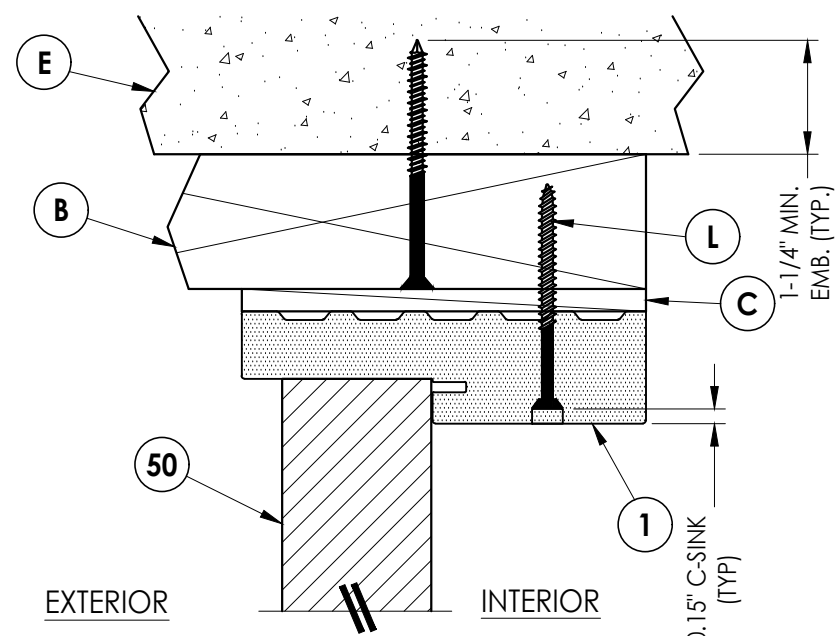
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Phone No.: 813.659.9197
FBPE Registry No. 9813

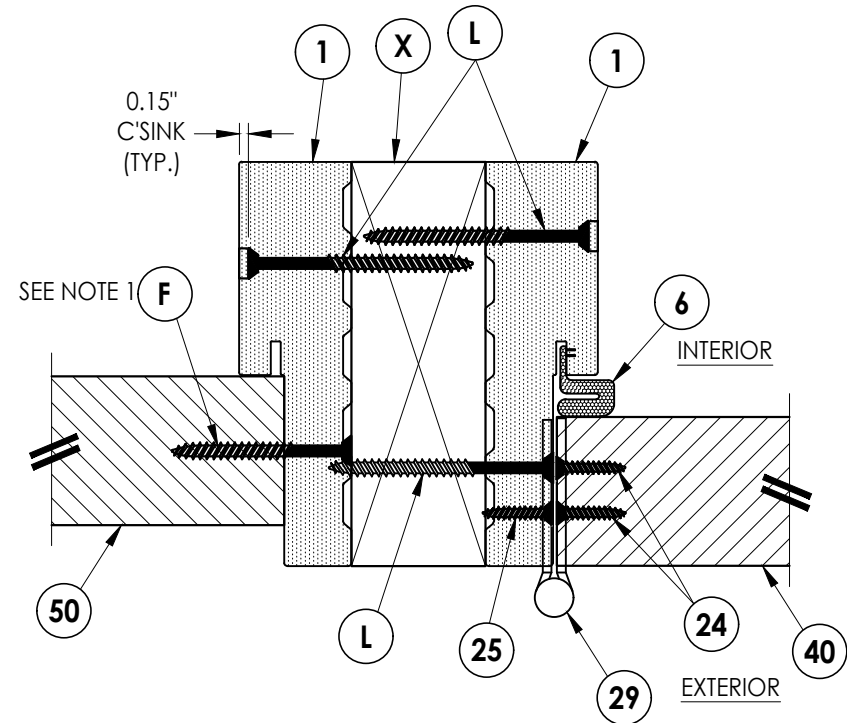
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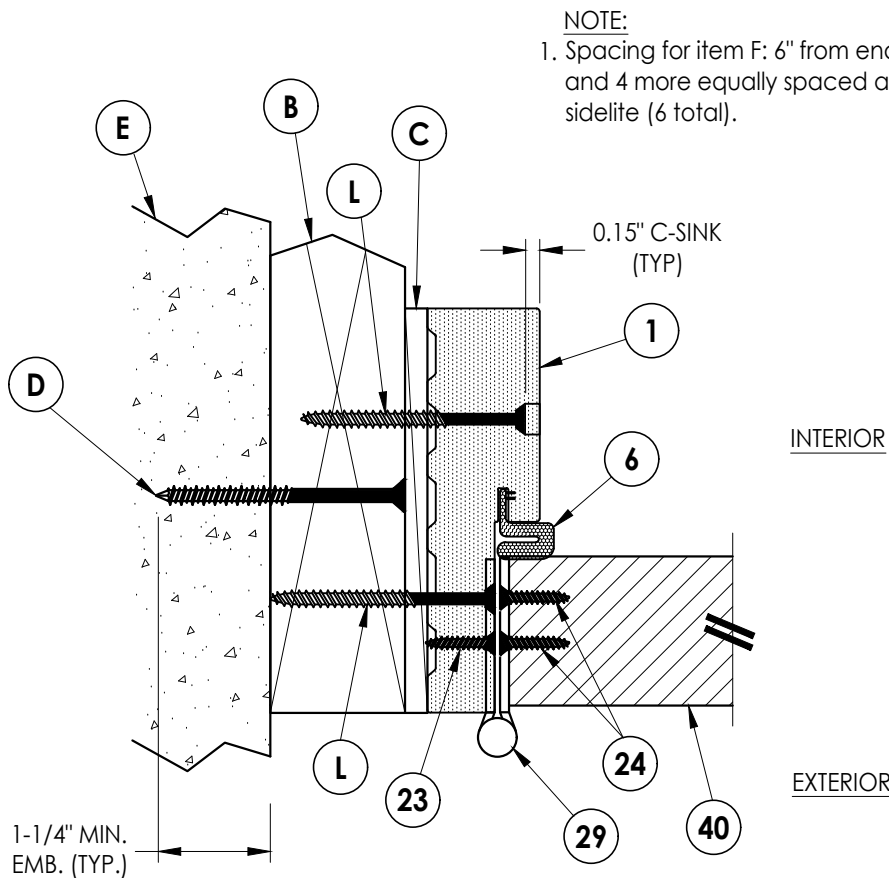
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5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



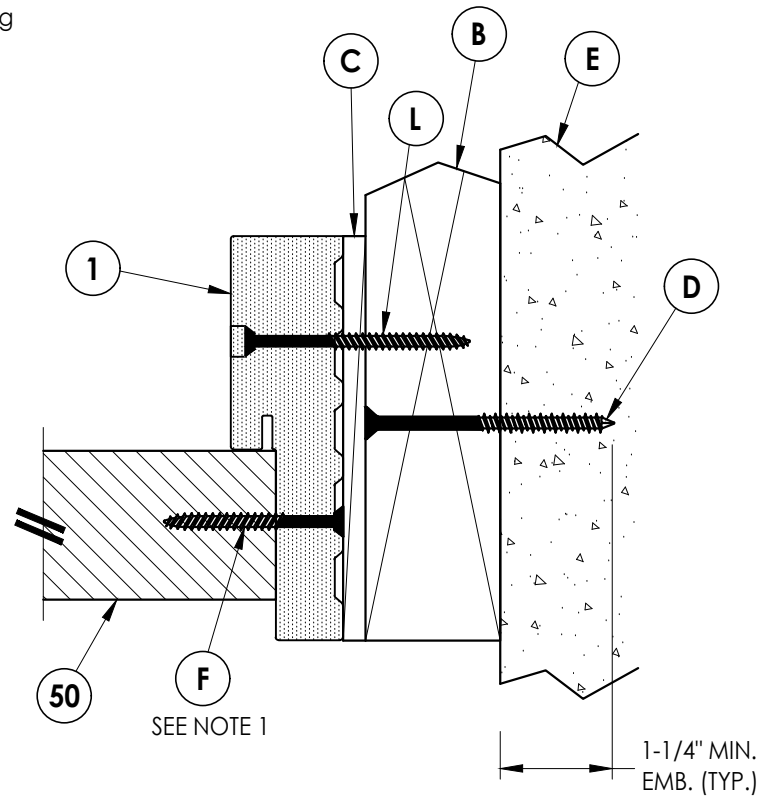
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5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



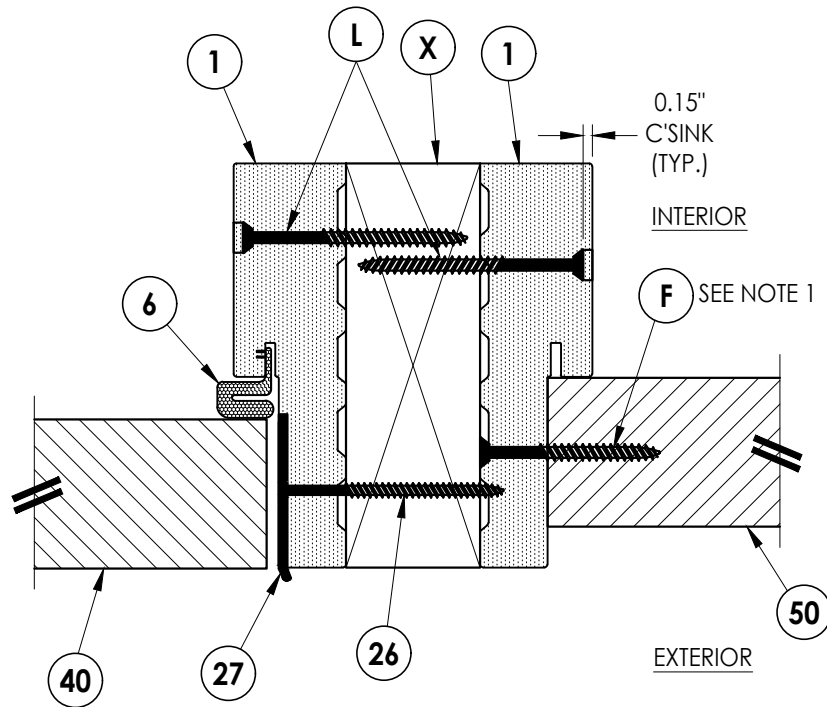
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



3
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



4
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



6
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

REVISONS		NO.	DATE	BY	LFS
1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC		

DATE: 11/19/20

SCALE: N.T.S.

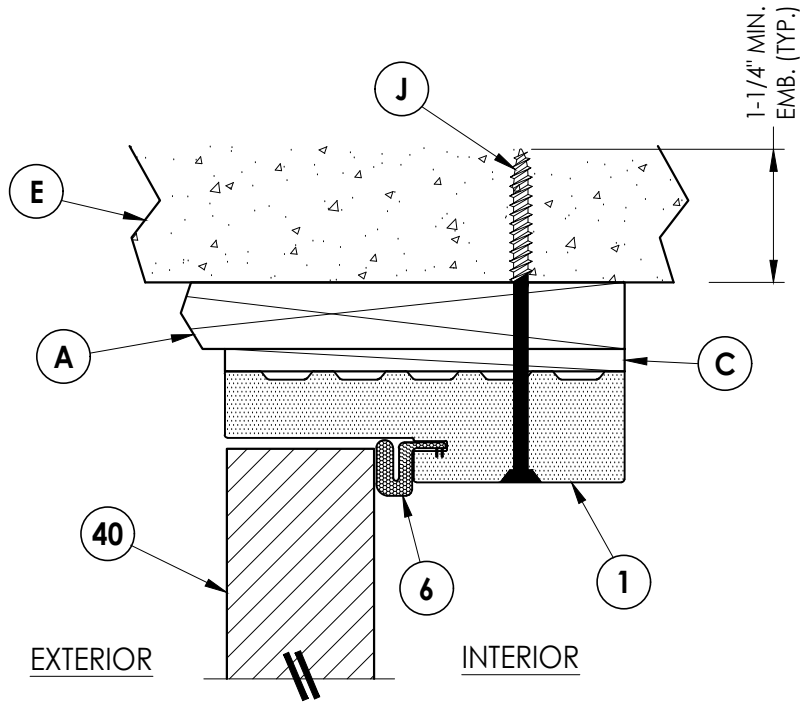
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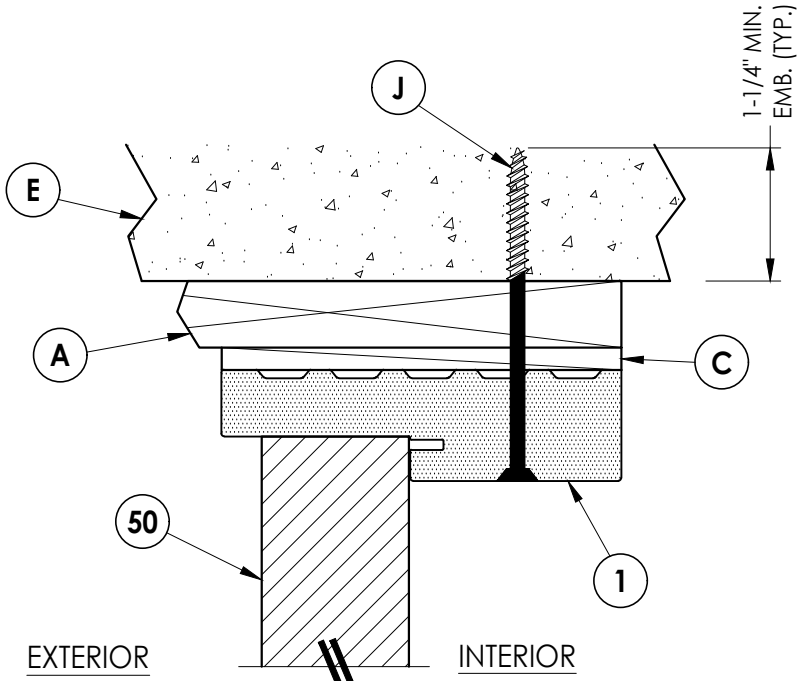
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SHEET 5 OF 11

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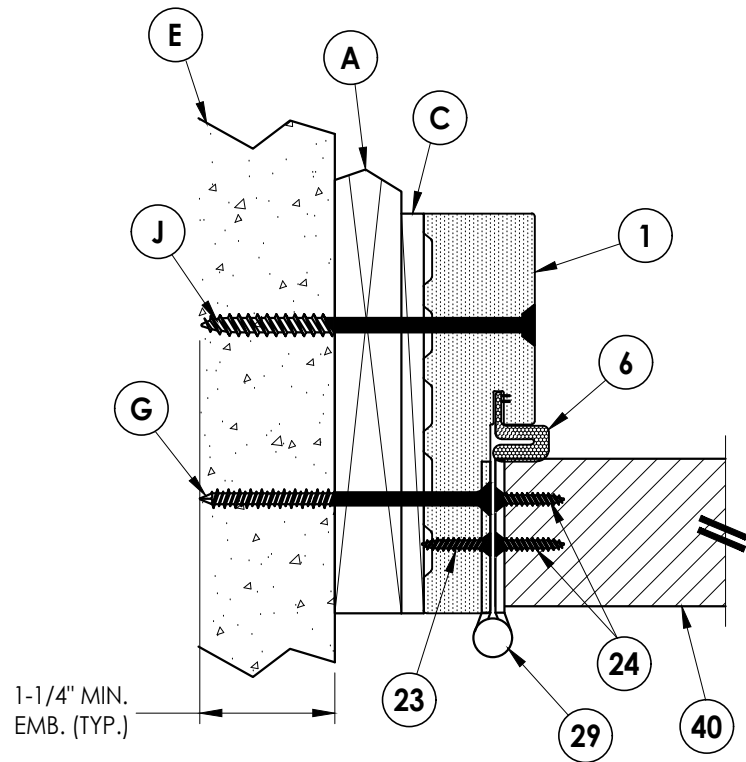


1
6 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)



2
6 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

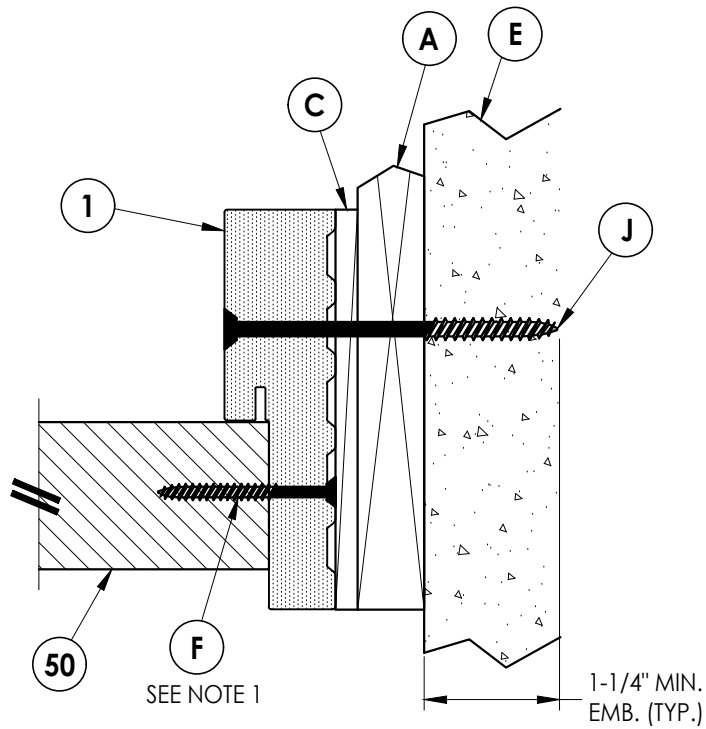
NOTE:
1. Spacing for item F: 6" from ends
and 4 more equally spaced along
sidelite (6 total).



3
6 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

INTERIOR

EXTERIOR



4
6 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

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PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:

HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

DATE: 11/19/20

SCALE: N.T.S.

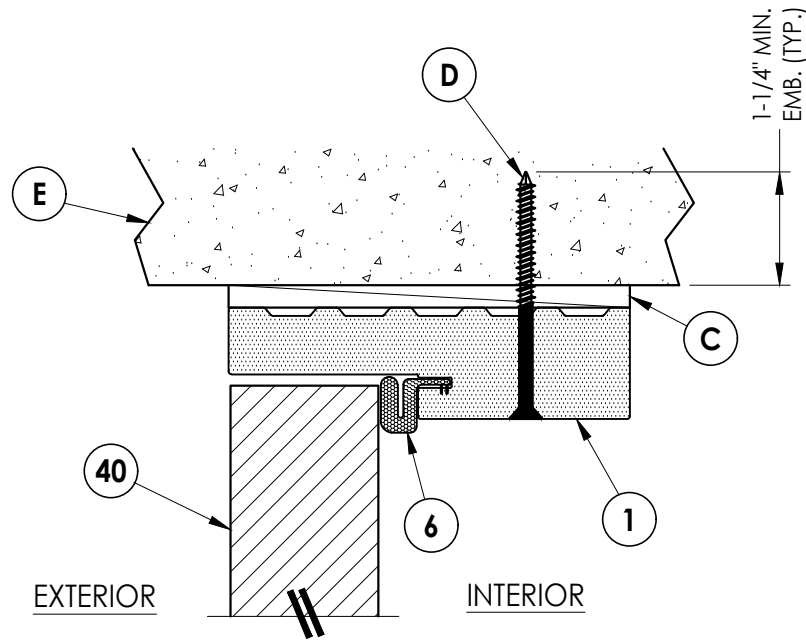
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CHK. BY: LFS

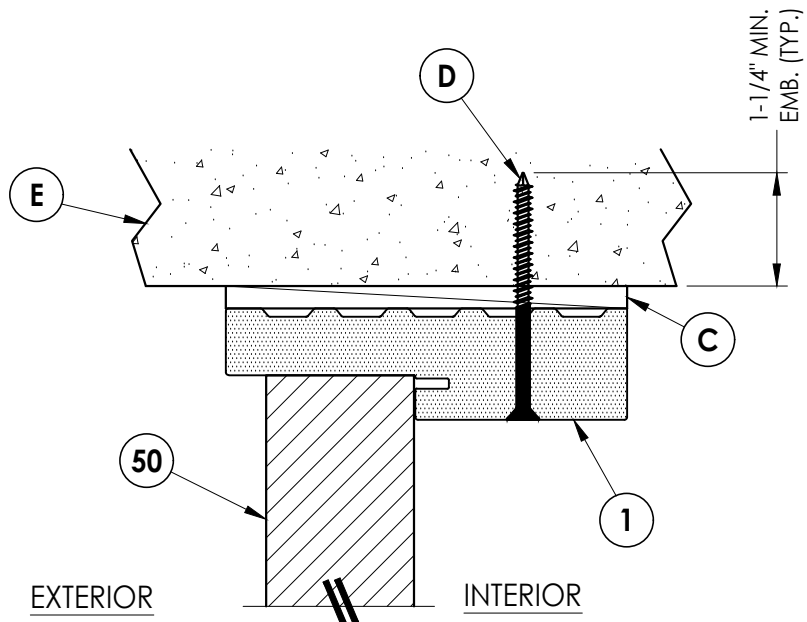
DRAWING NO.:
FL-35309.5

SHEET 6 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

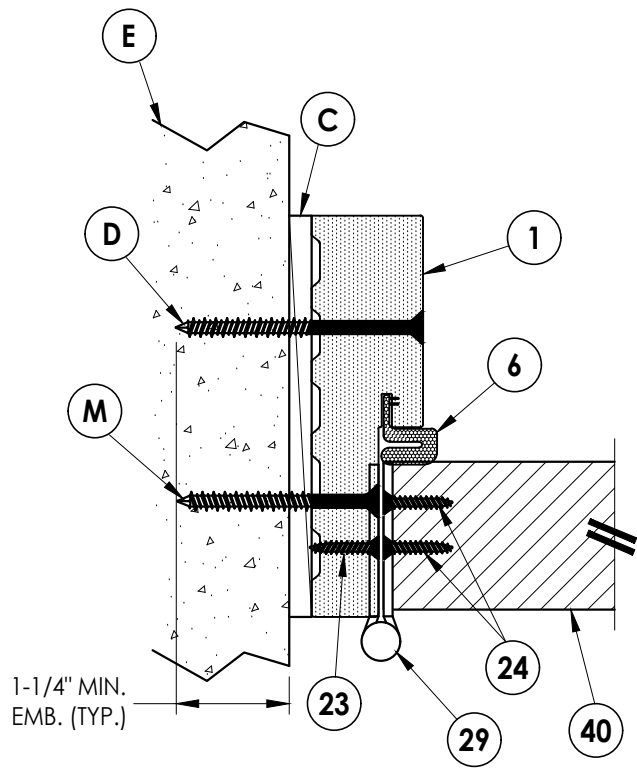


1
7 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)



2
7 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

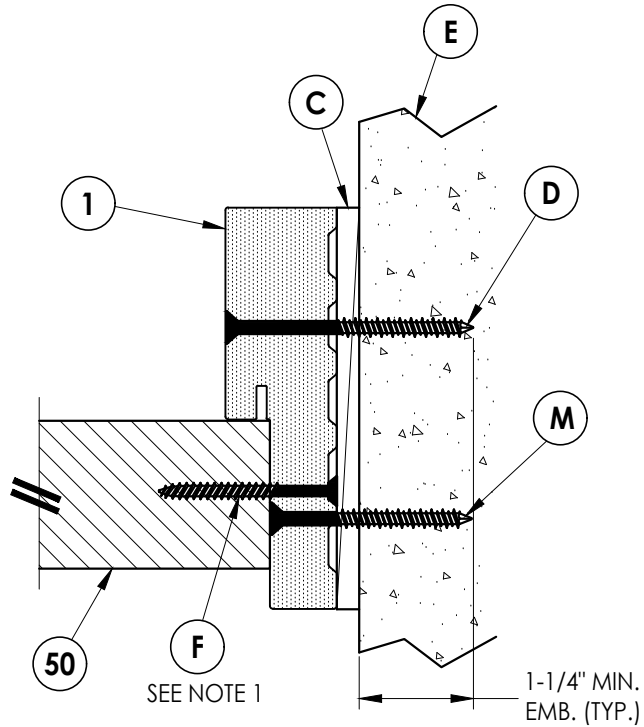
NOTE:
1. Spacing for item F: 6" from ends
and 4 more equally spaced along
sidelite (6 total).



3
7 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

INTERIOR

EXTERIOR



4
7 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

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

PRODUCT:
STARLINK
FIBERGLASS DOORS

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

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	BY	LFS
1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	

DATE: 11/19/20

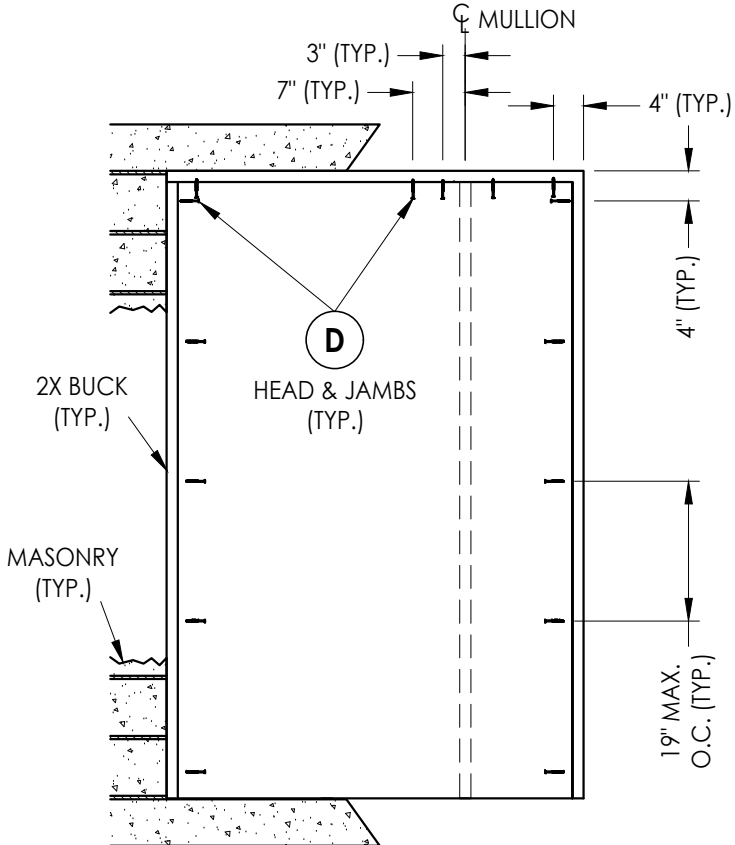
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DWG. BY: RW

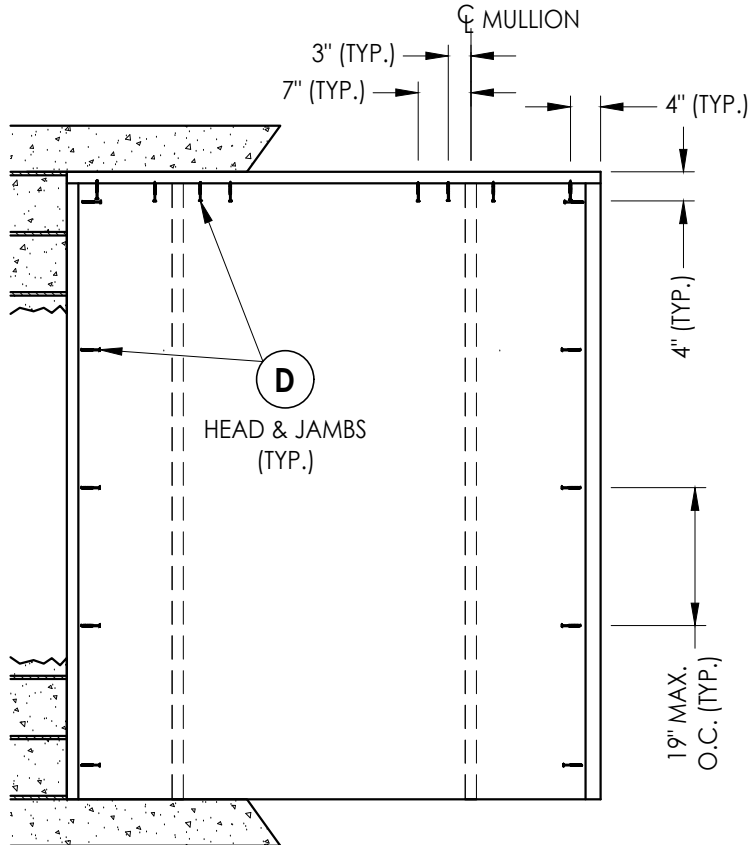
CHK. BY: LFS

DRAWING NO.:
FL-35309.5

SHEET 7 OF 11



XO/OX



OXO

2X BUCK ANCHORING

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"

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]

DATE: 11/19/20

SCALE: N.T.S.

DWG. BY: RW

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DRAWING NO.:

FL-35309.5

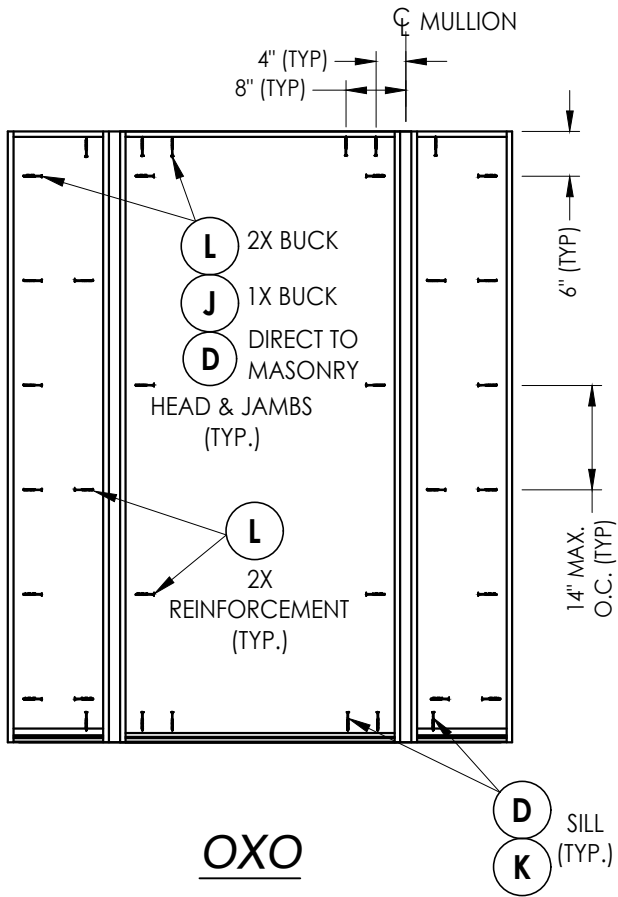
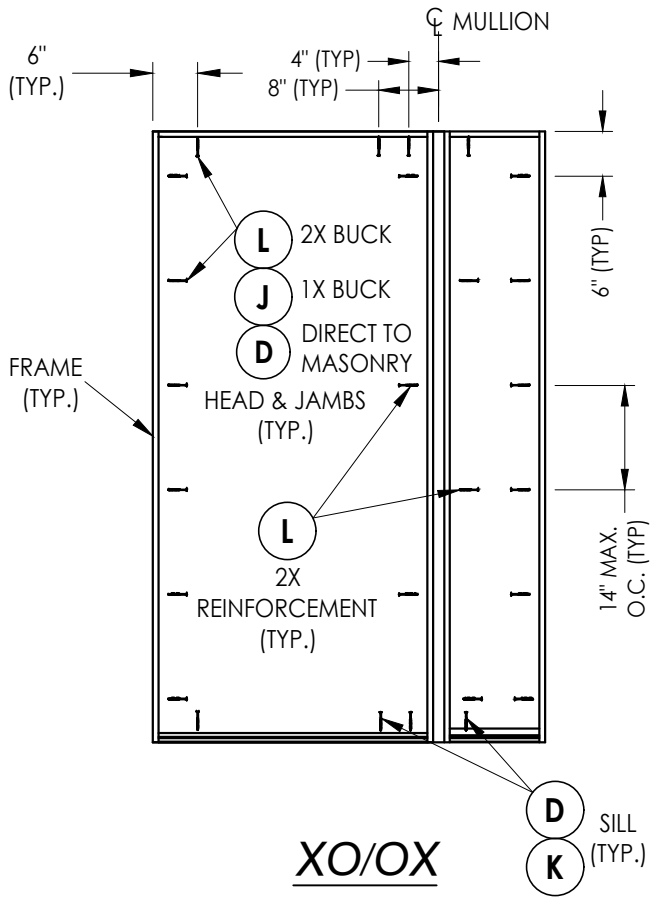
SHEET 9 OF 11

Documents Prepared By:
Lyndon F. Schmidt
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FBPE Registry No. 9813

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FRAME ANCHORING

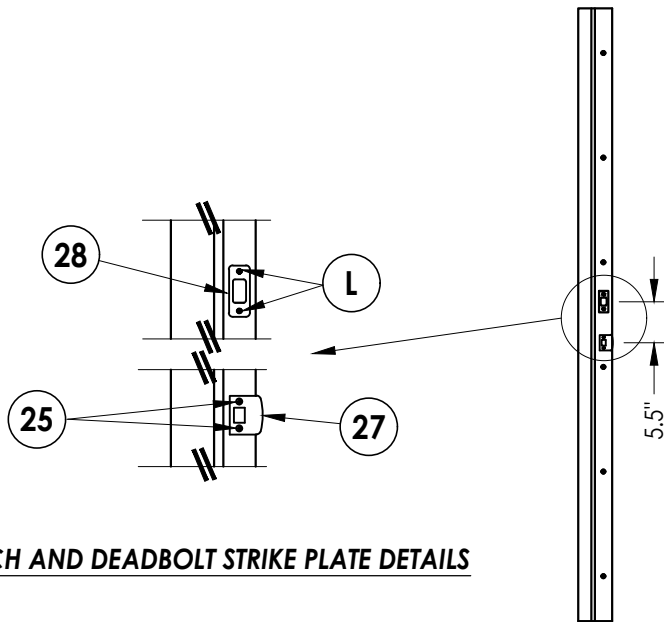
CONCRETE ANCHOR NOTES:

- 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:

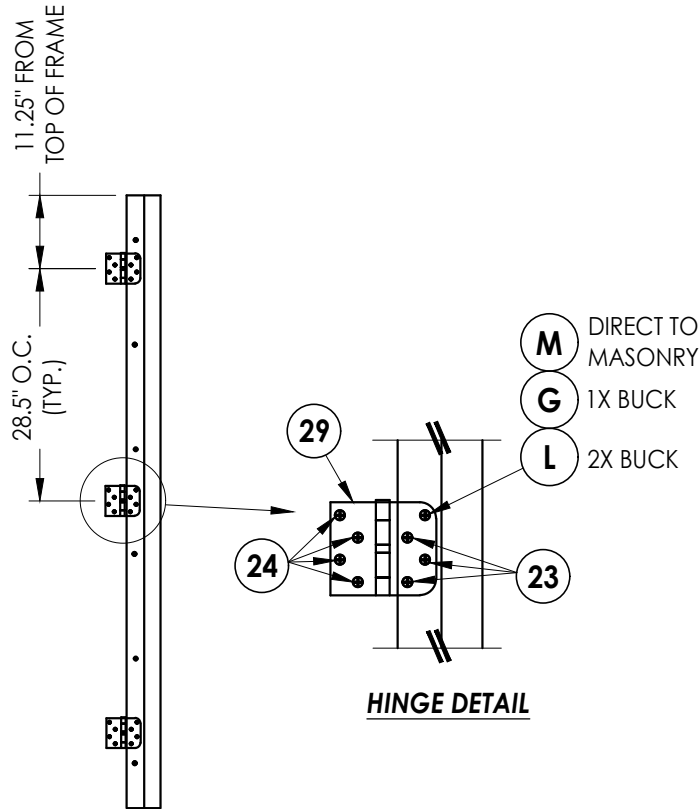
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



LATCH AND DEADBOLT STRIKE PLATE DETAILS



HINGE DETAIL

STRIKE JAMB

HINGE JAMB

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FBPE Registry No. 9813

PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
1	8/08/23	UPDATE TO 8TH ED. (2023) FBC
LFS	BY	

DATE: 11/19/20

SCALE: N.T.S.

DWG. BY: RW

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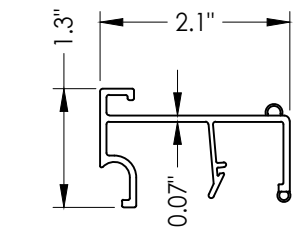
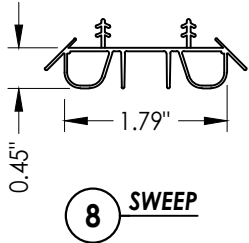
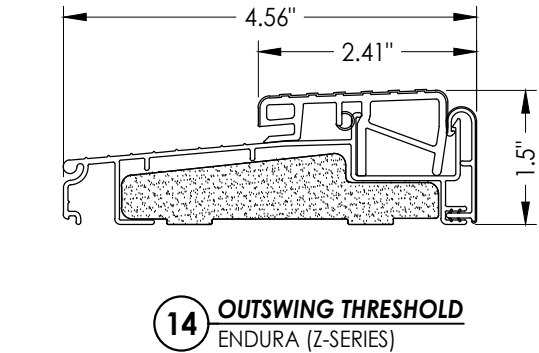
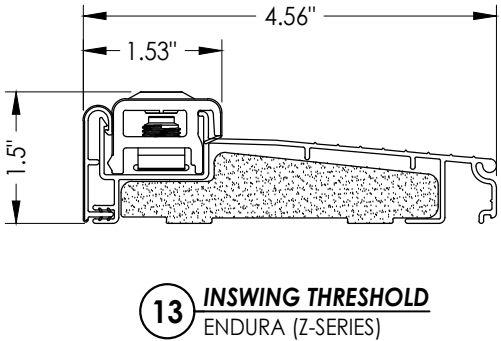
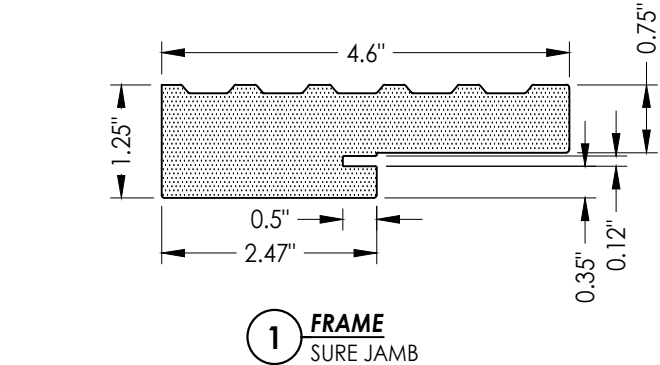
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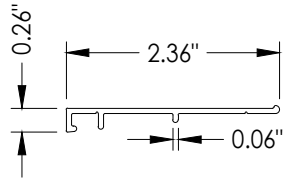
SHEET 10 OF 11

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	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
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
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
X	2X REINFORCEMENT (SG >= 0.55)	WOOD
1	FRAME (SURE JAMB)	COMP
6	WEATHERSTRIP (Q-LON)	FOAM
8	SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
18	INSWING SIDELITE SPACER	PVC
19	OUTSWING SIDELITE SPACER	PVC
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-



18 INSWING SIDELITE SPACER



19 OUTSWING SIDELITE SPACER

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