



STARLINK

OPAQUE FIBERGLASS ENTRY DOORS

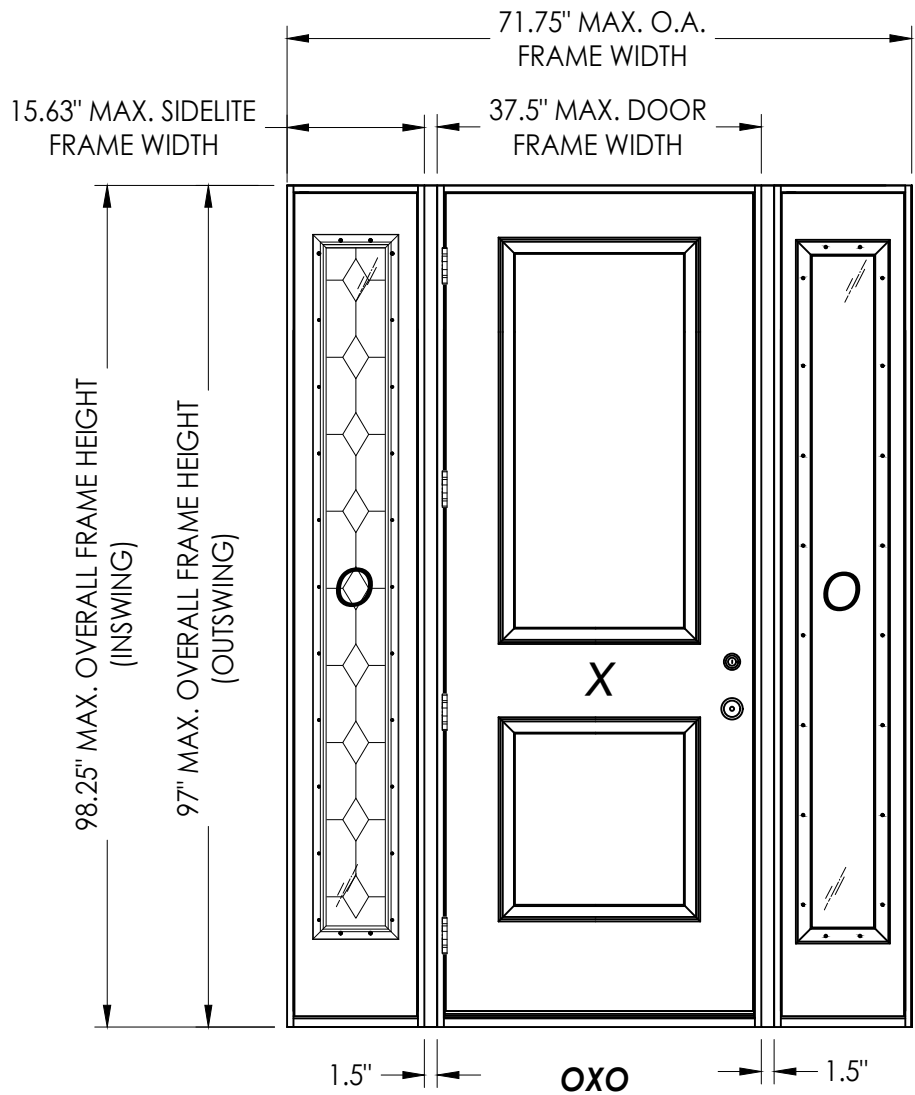
INSWING / OUTSWING

"NON-IMPACT"

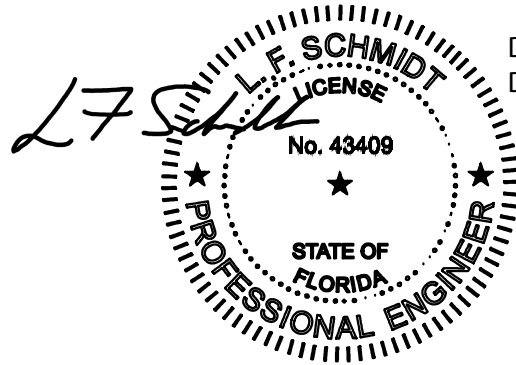
GENERAL NOTES

- 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, the sidelites are required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 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.

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CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO	54.5" x 98.25"	+50.0	-50.0	+50.0	-50.0
OXO	71.5" x 98.25"	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.01 10:11:50 -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, Vairico, 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
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC

DATE: 4/23/24

SCALE: N.T.S.

DWG. BY: RW

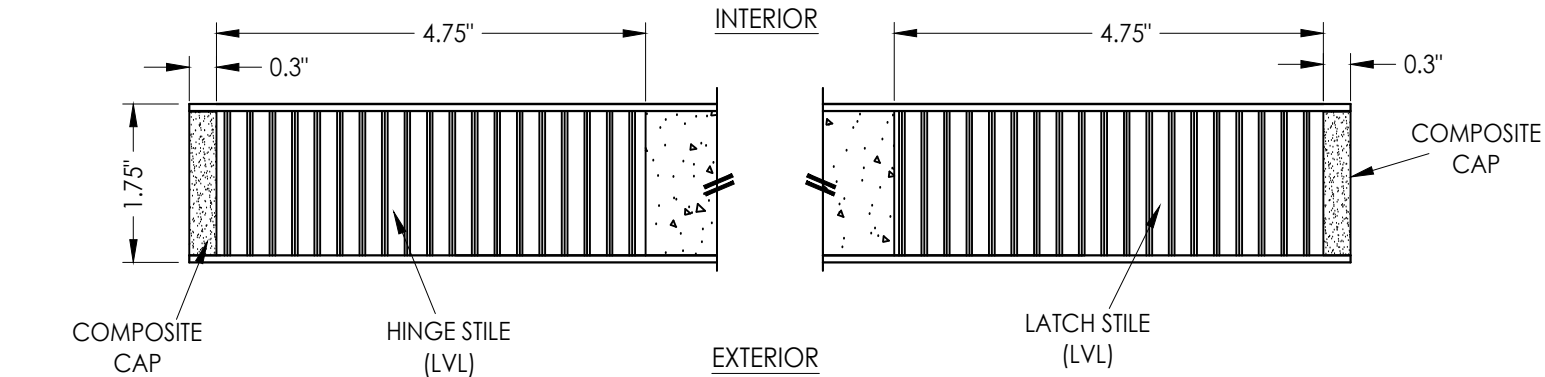
CHK. BY: LFS

DRAWING NO.:

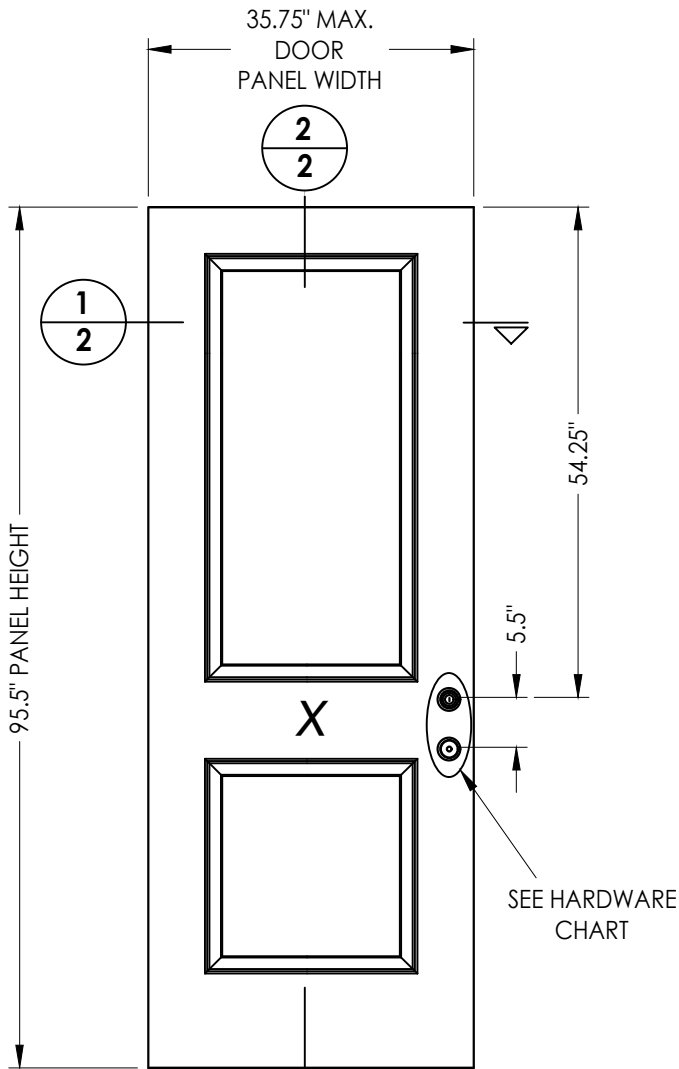
FL-35309.8

SHEET 1 OF 12

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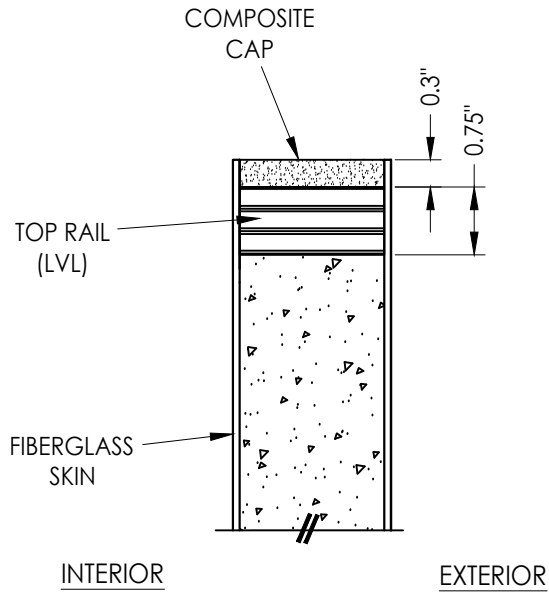
1
2 HORIZONTAL CROSS SECTION



40 FIBERGLASS DOOR PANEL
STARLINK

FIBERGLASS DOOR SKIN: MIN. 0.10" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES
	DEADBOLT:	B60 SERIES



2
2 VERTICAL CROSS SECTION

Documents Prepared By:
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PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 4/23/24

SCALE: N.T.S.

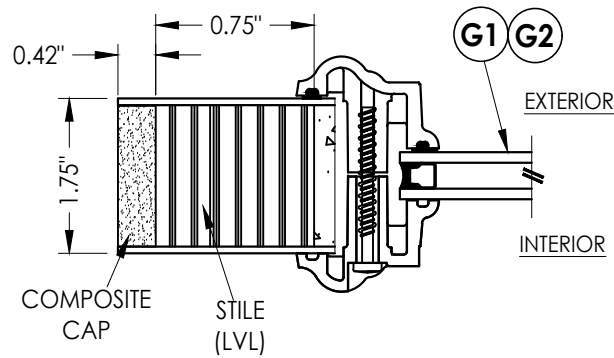
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CHK. BY: LFS

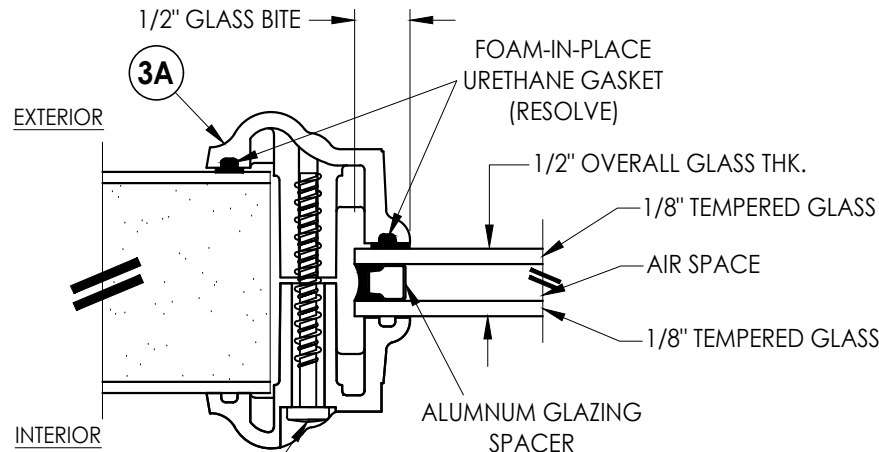
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FL-35309.8

SHEET 2 OF 12

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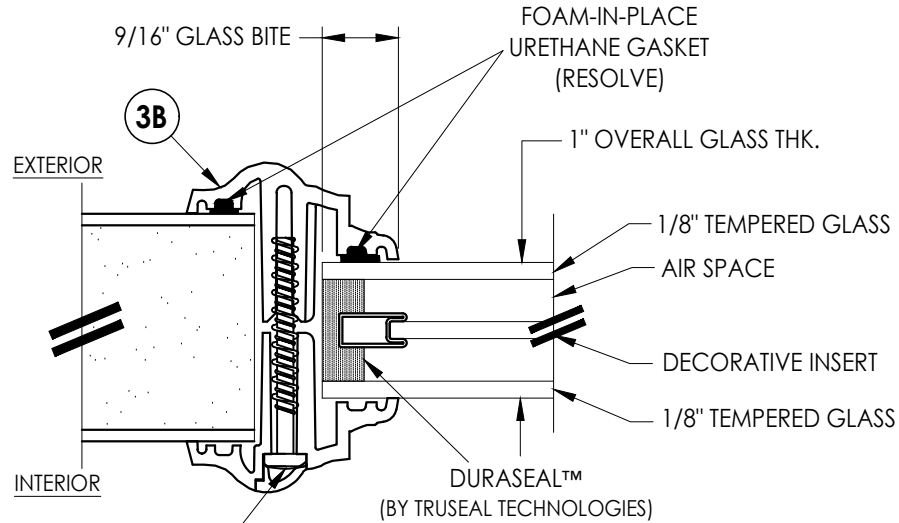


1
3 **HORIZONTAL CROSS SECTION**



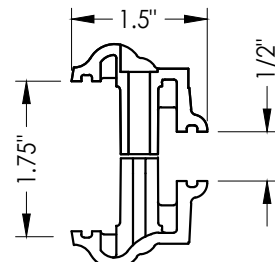
G1 **GLAZING DETAIL**
1/2" CLEAR GLASS

#8 X 1-1/2" PPH SMS
(HI-LO THREAD)
20 TOTAL

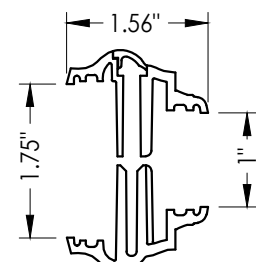


G2 **GLAZING DETAIL**
1" DECORATIVE GLASS

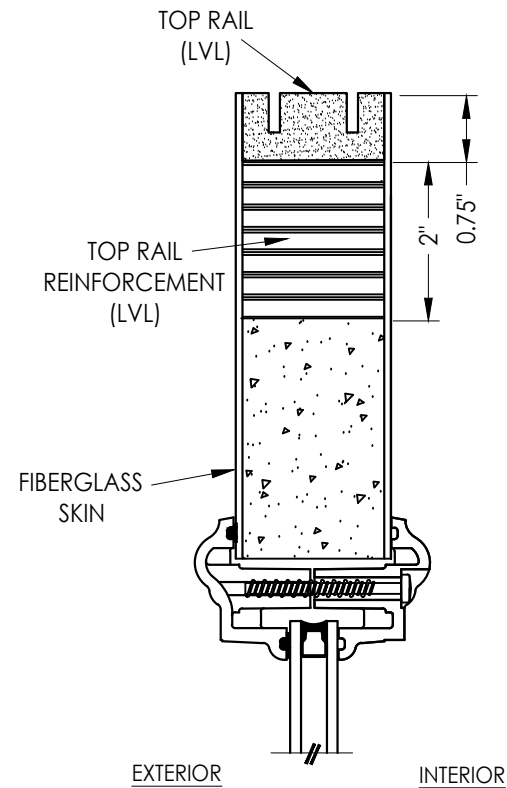
#8 X 1-1/2" PPH SMS
(HI-LO THREAD)
26 TOTAL



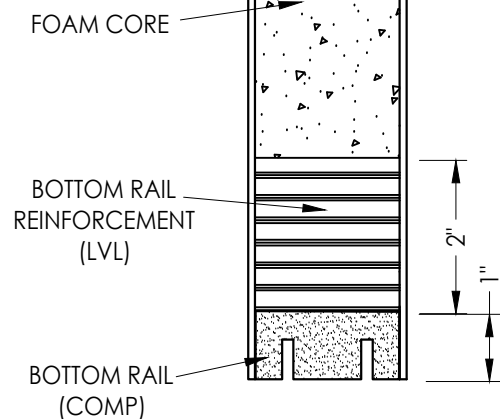
3A **ODL "HP POLYPRO" LITE FRAME**
HP POLYPROPYLENE (1/2" IG)



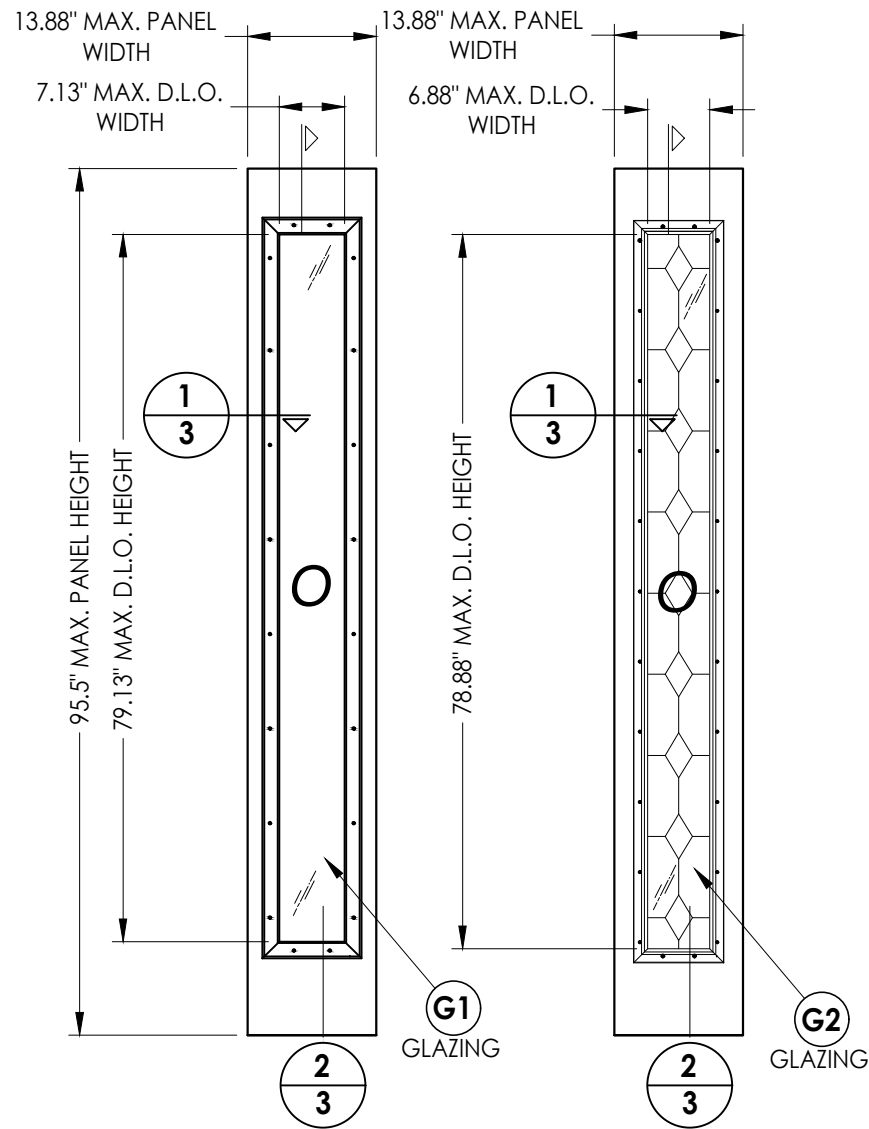
3B **ODL "EVOLVE" LITE FRAME**
HP POLYPROPYLENE (1" IG)



G1 **G2**



2
3 **VERTICAL CROSS SECTION**



50 **FIBERGLASS SIDELITE PANELS**
STARLINK

FIBERGLASS DOOR SKIN: MIN. 0.10" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

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PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

NO.	DATE	REVISIONS	BY
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 4/23/24

SCALE: N.T.S.

DWG. BY: RW

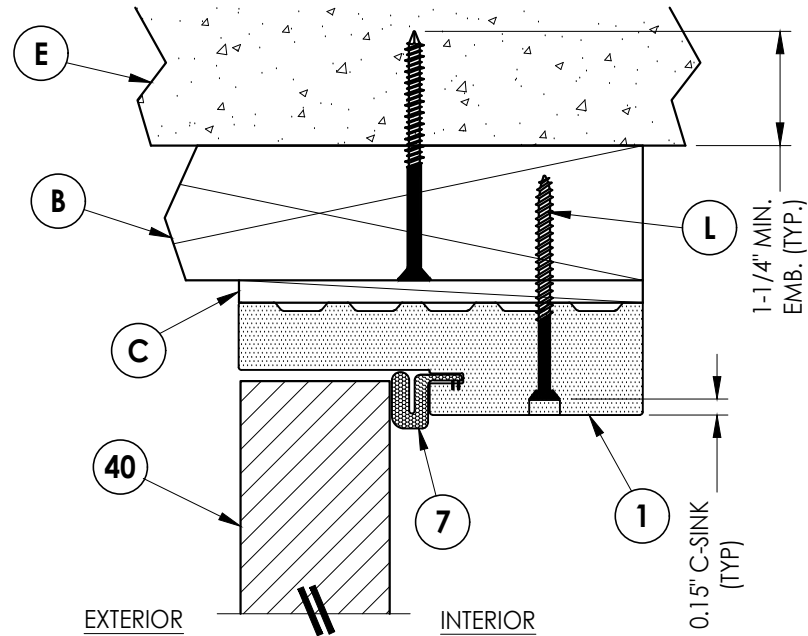
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DRAWING NO.:
FL-35309.8

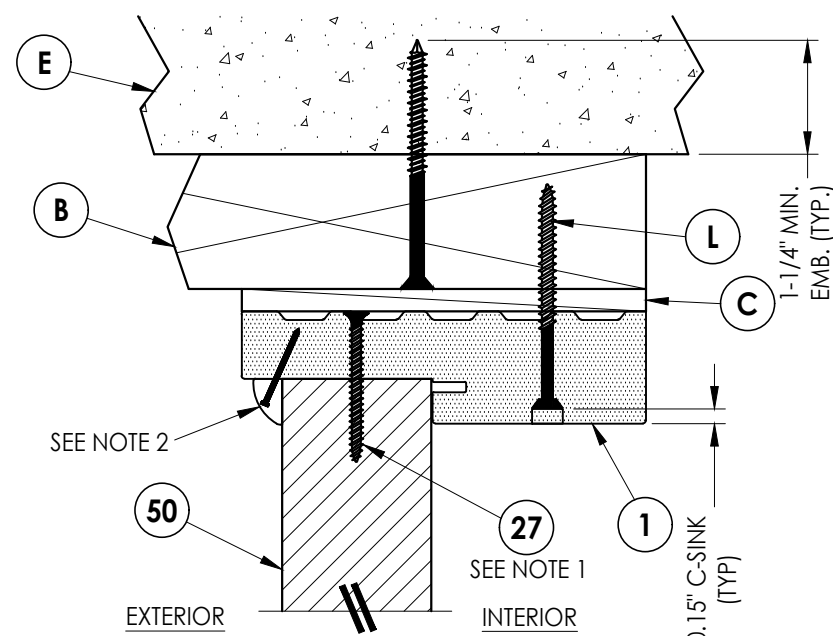
SHEET 3 OF 12

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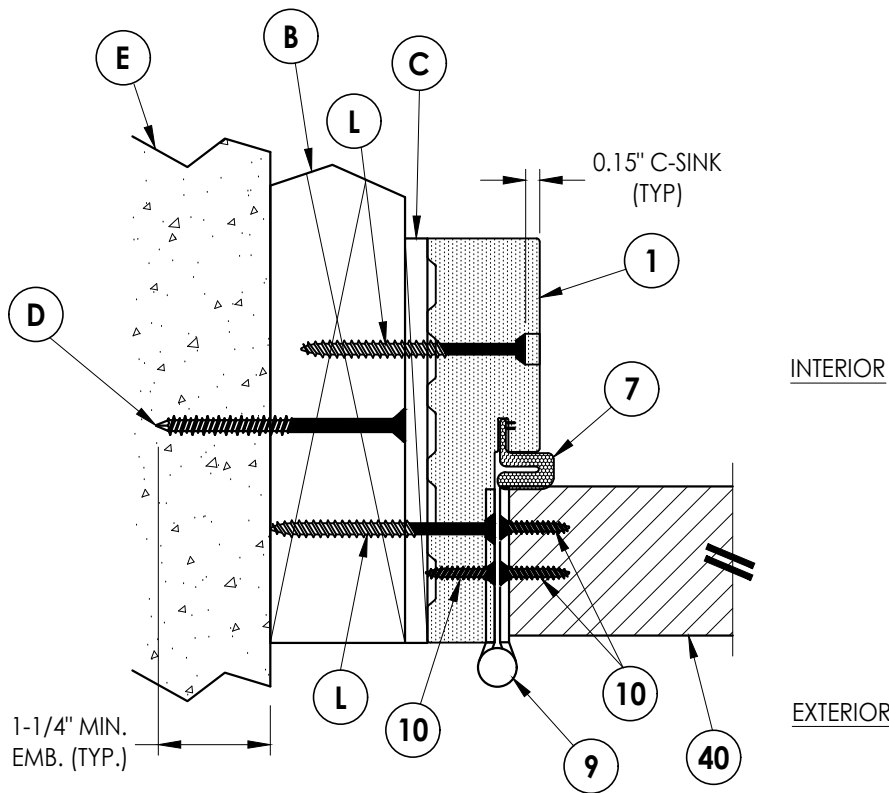
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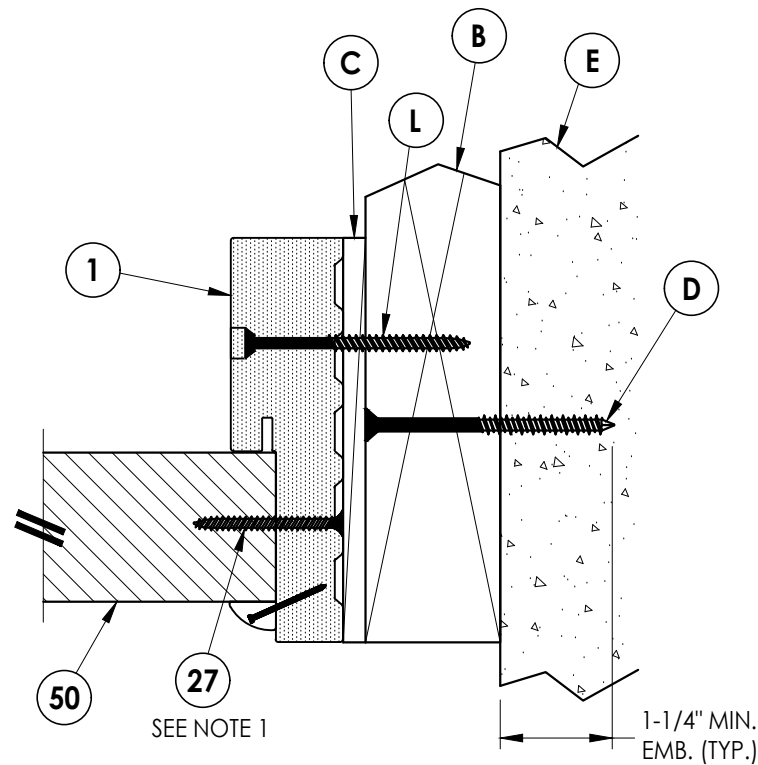
1 **VERTICAL CROSS SECTION**
5 Outswing shown (Inswing similar)



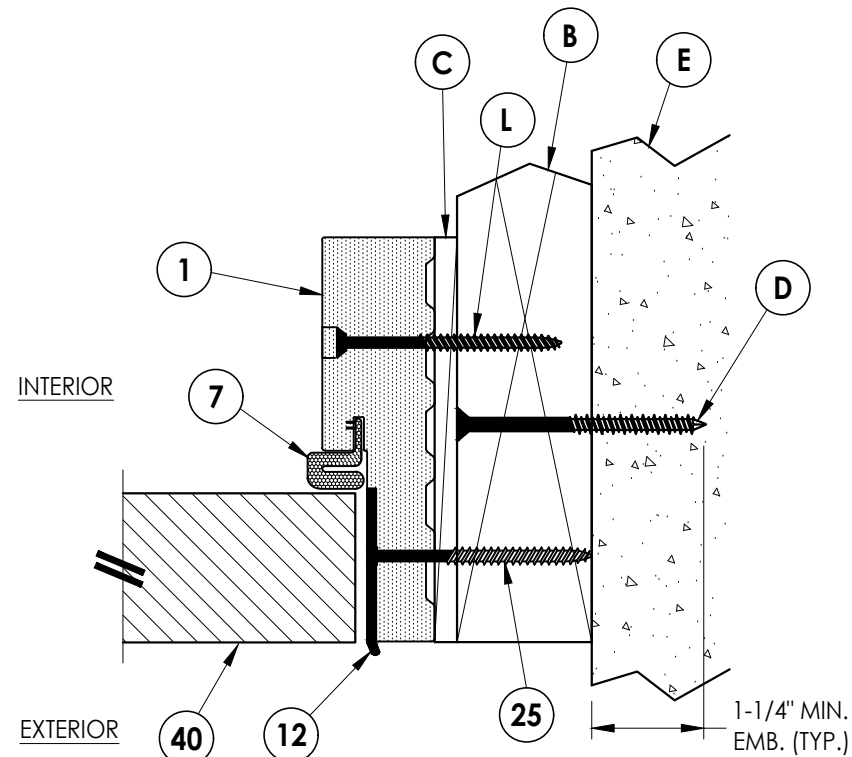
2 **VERTICAL CROSS SECTION**
5 Outswing shown (Inswing similar)



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



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



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

NOTES:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced (10 total).
2. Sidelite assembly screws located 4" from each end (2 total).
3. PVC moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.

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PRODUCT:
STARLINK
FIBERGLASS DOORS

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

NO.	DATE	BY	LFS
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY
1	7/01/26	DATE	BY

DATE: 4/23/24

SCALE: N.T.S.

DWG. BY: RW

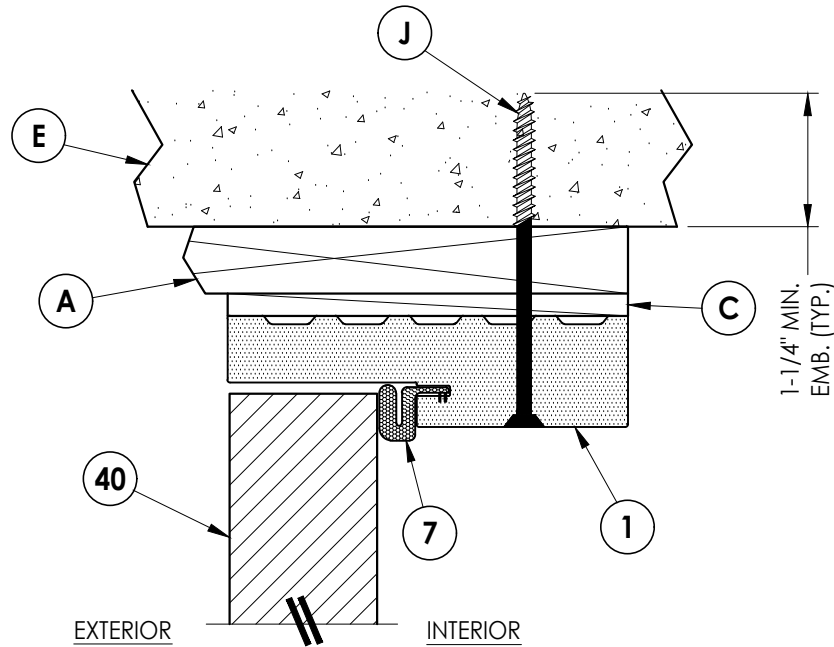
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DRAWING NO.:

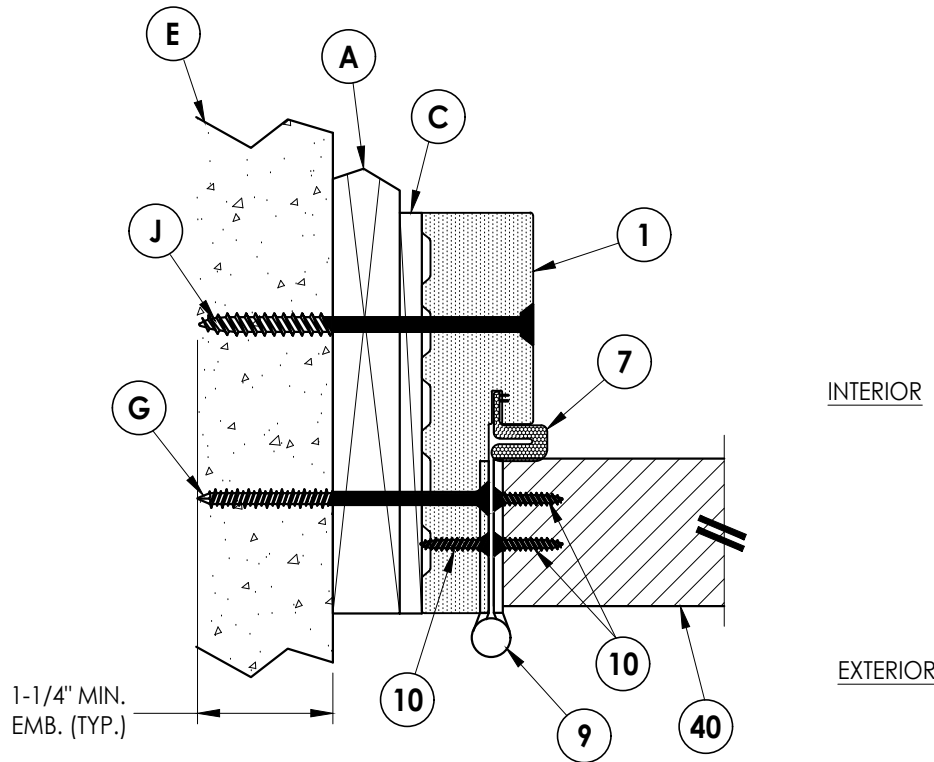
FL-35309.8

SHEET 5 OF 12

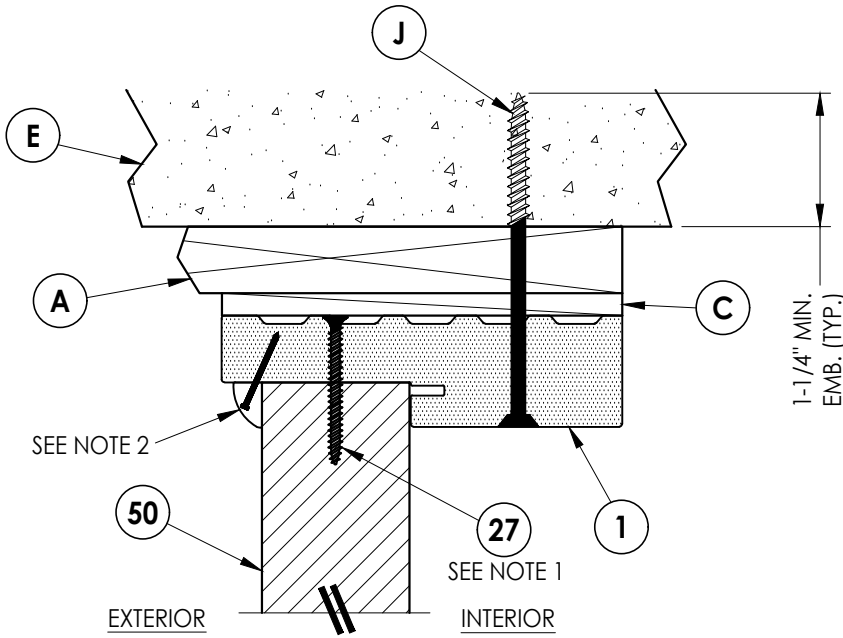
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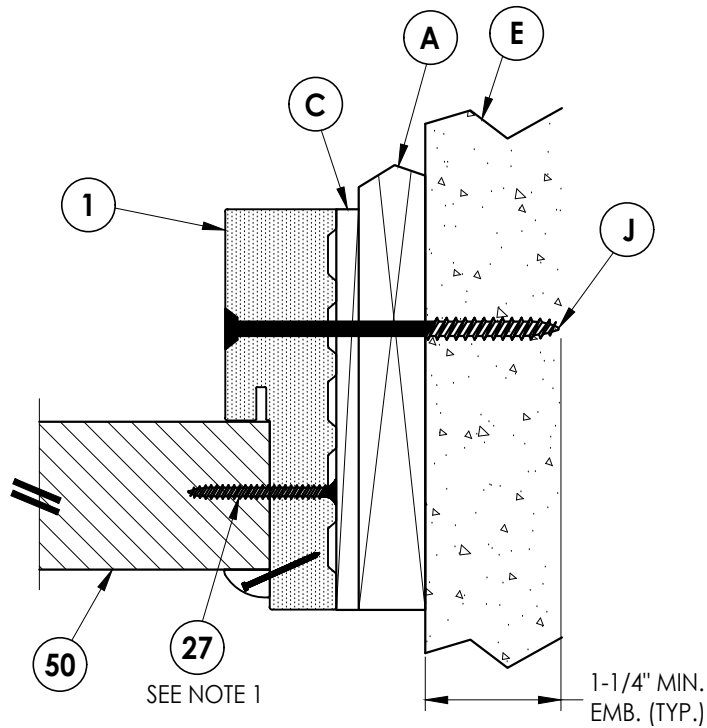
1
6 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



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



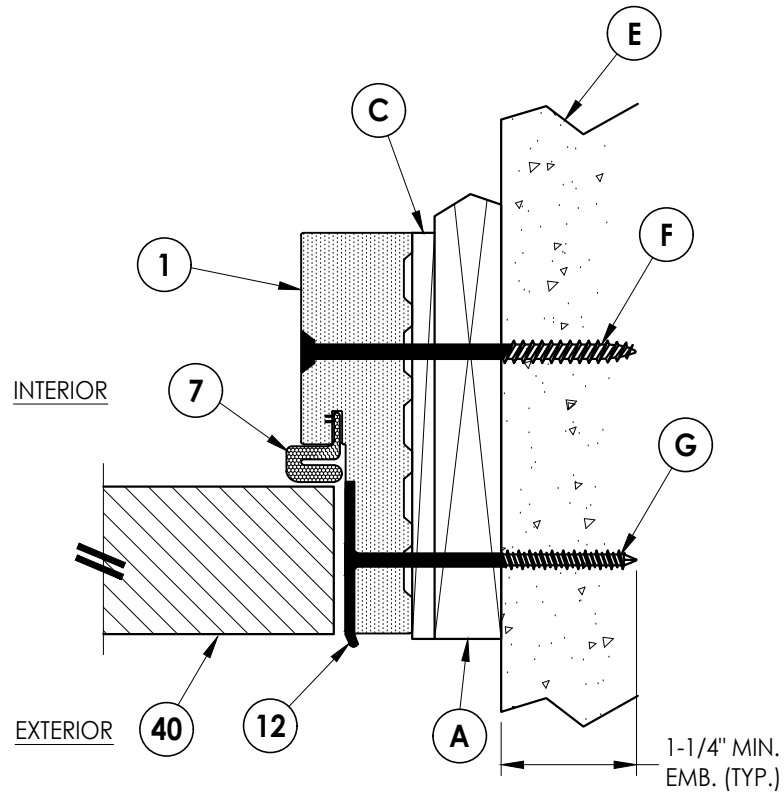
2
6 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



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

NOTES:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced (10 total).
2. Sidelite assembly screws located 4" from each end (2 total).
3. PVC moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.



5
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)

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 4/23/24

SCALE: N.T.S.

DWG. BY: RW

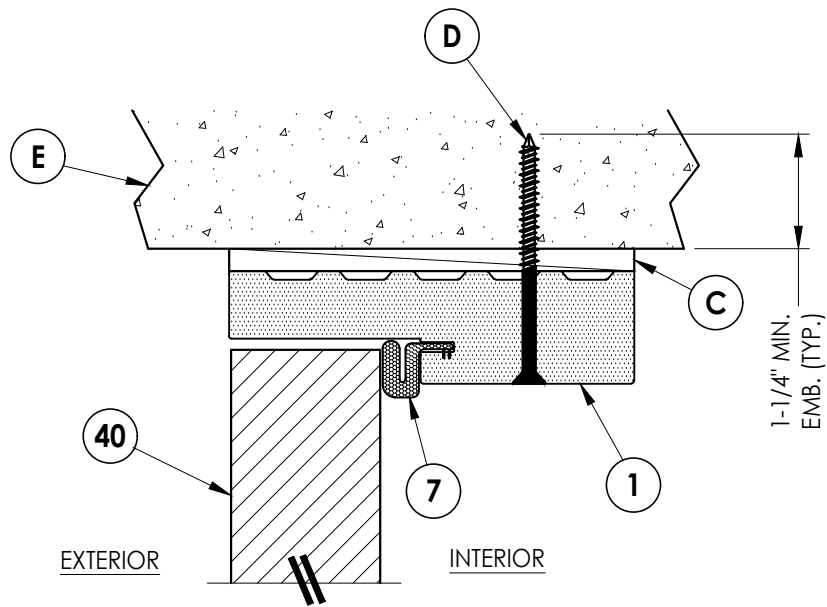
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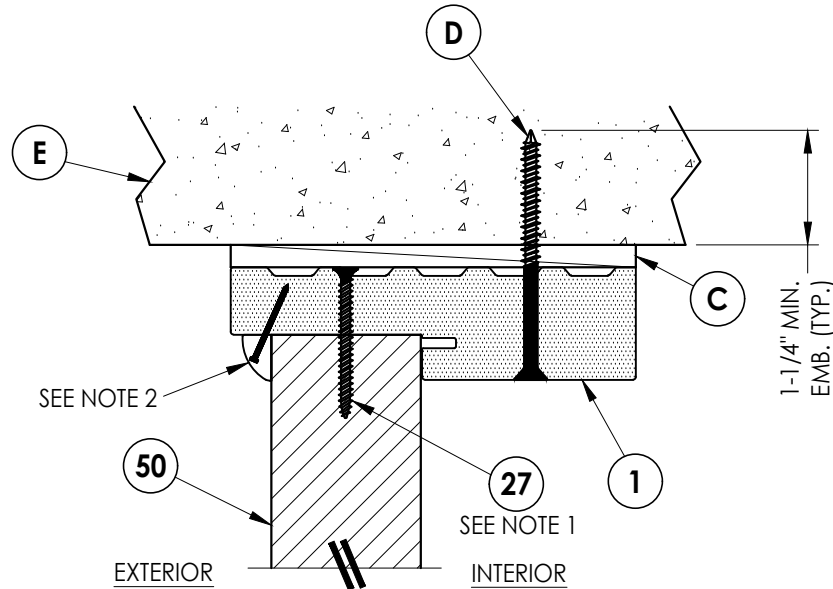
FL-35309.8

SHEET 6 OF 12

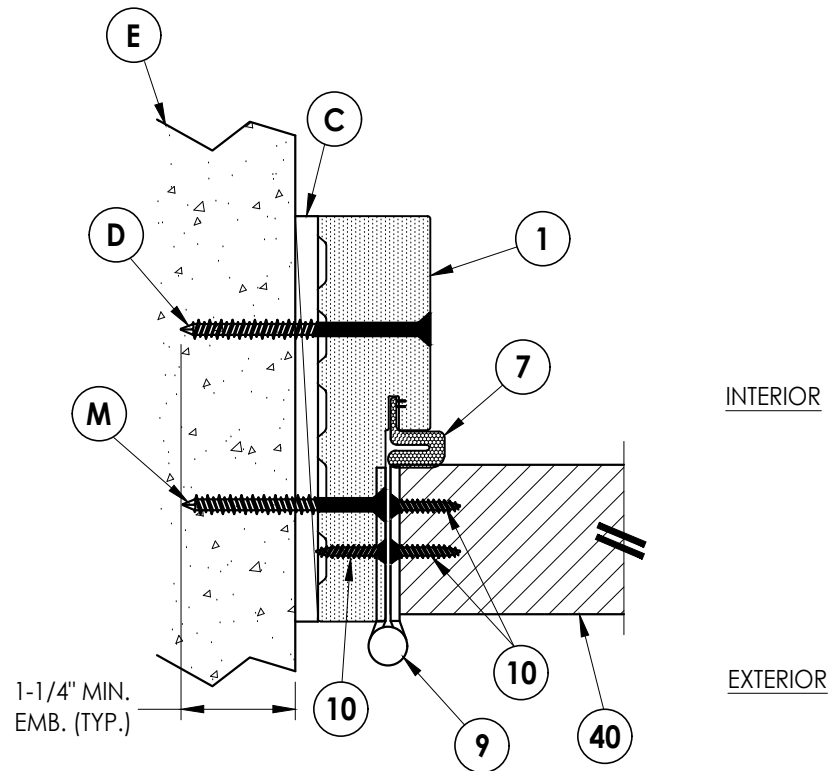
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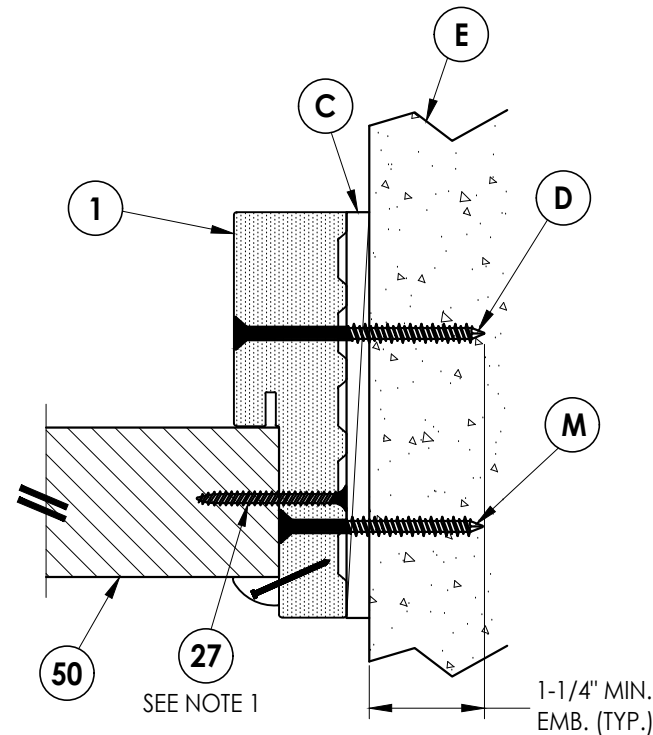
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7 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



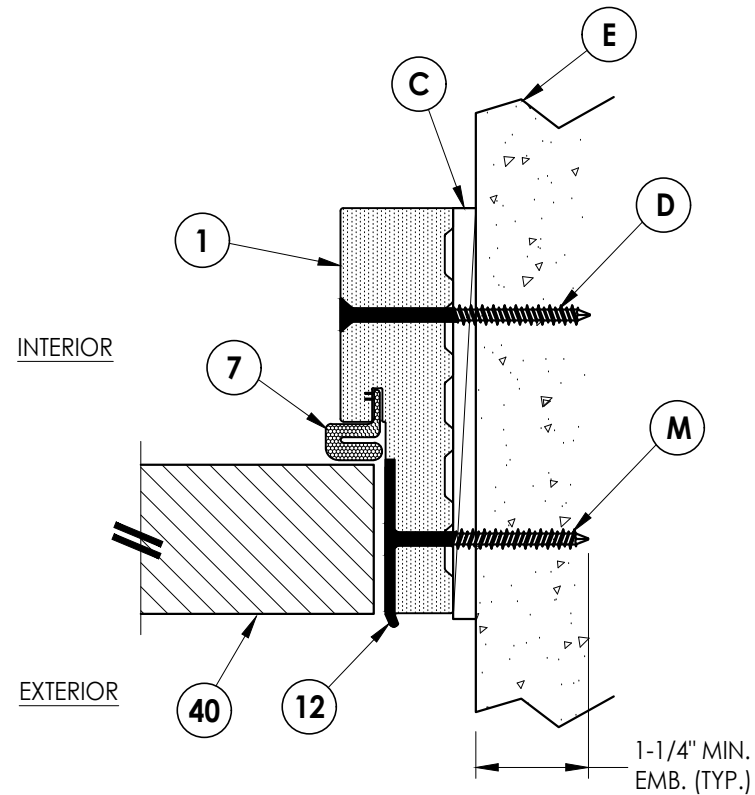
2
7 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



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



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



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

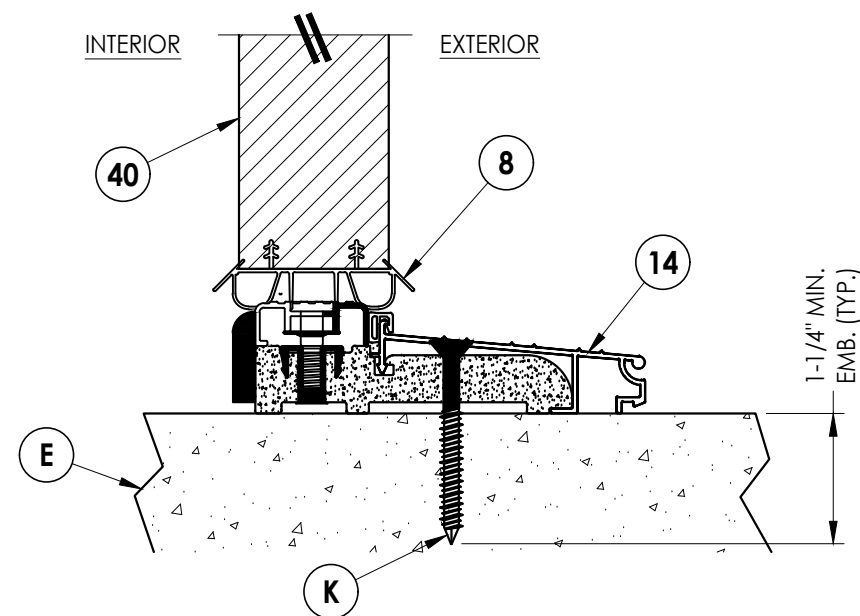
NOTES:

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2. Sidelite assembly screws located 4" from each end (2 total).
3. PVC moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.

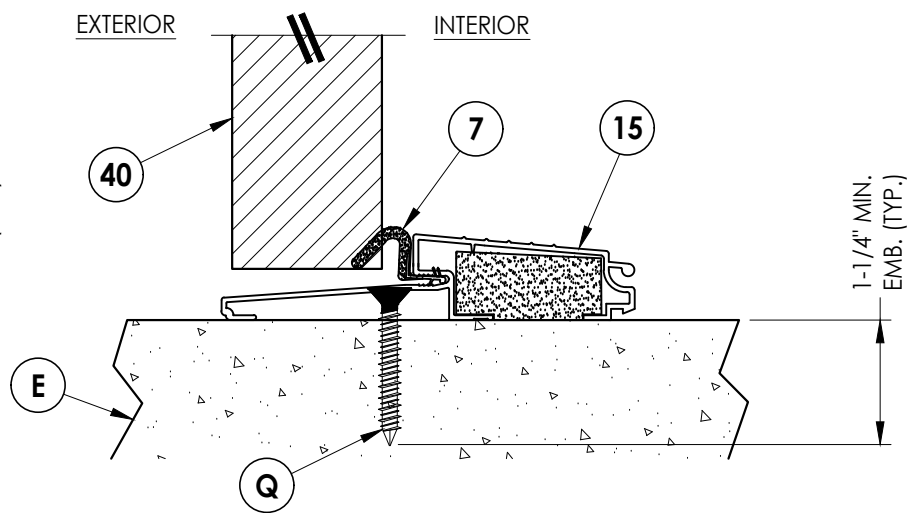
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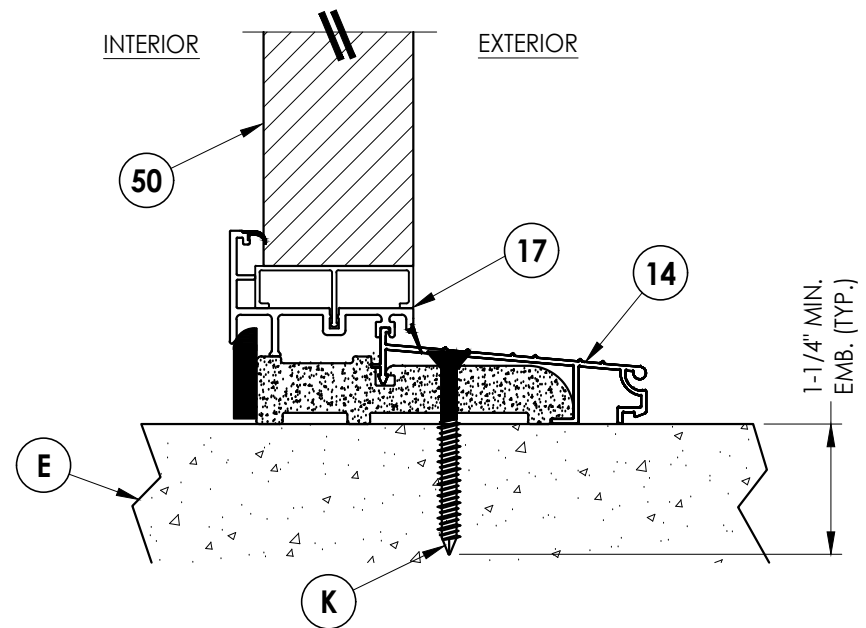
PRODUCT:		STARLINK FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	
		BY	DATE
1	7/01/26	LFS	UPDATE TO 9TH ED. (2026) FBC
DATE: 4/23/24			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-35309.8			
SHEET 7 OF 12			



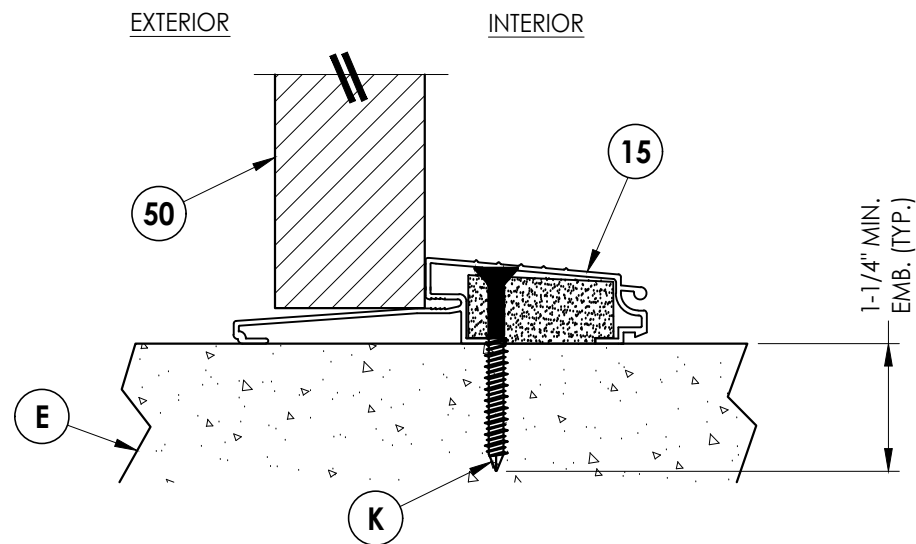
1 8 VERTICAL CROSS SECTION Inswing Threshold



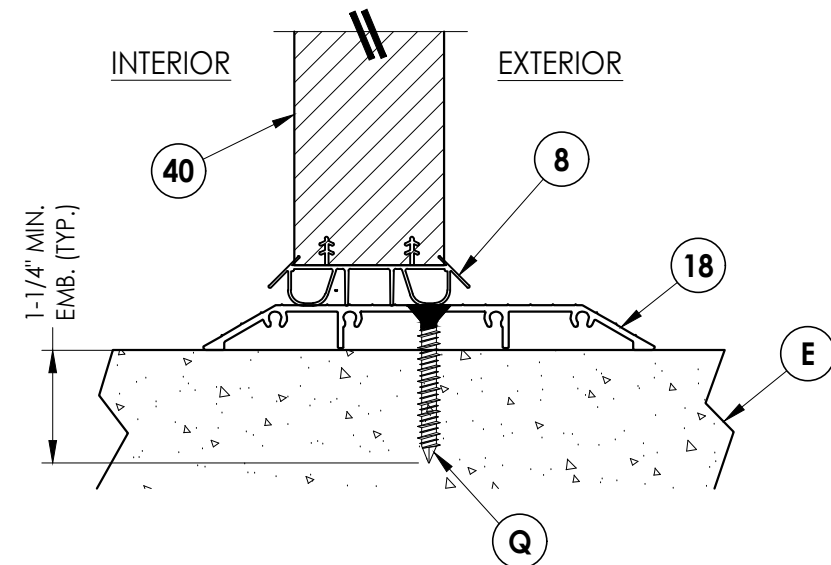
3 **VERTICAL CROSS SECTION**
8 Outswing Threshold



2 **VERTICAL CROSS SECTION**
8 Inswing Threshold

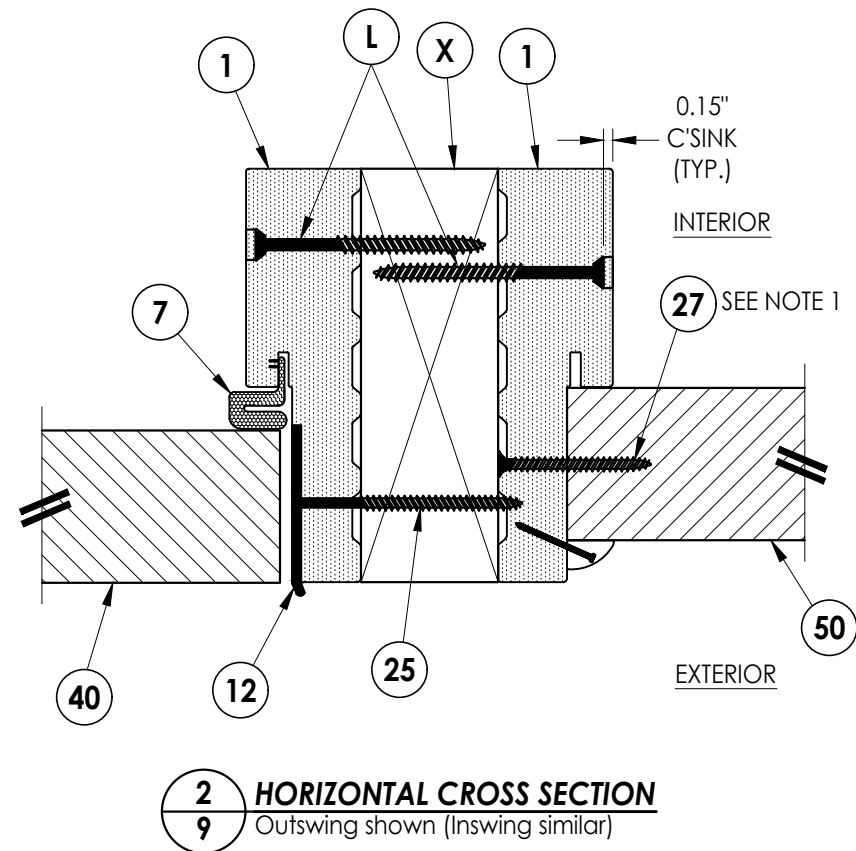


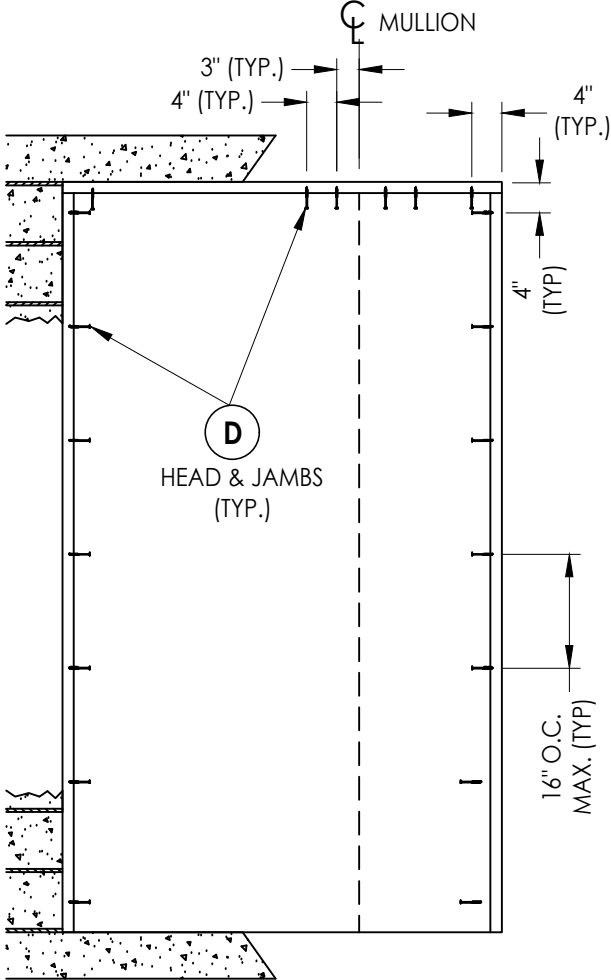
4 **VERTICAL CROSS SECTION**
8 Outswing Threshold



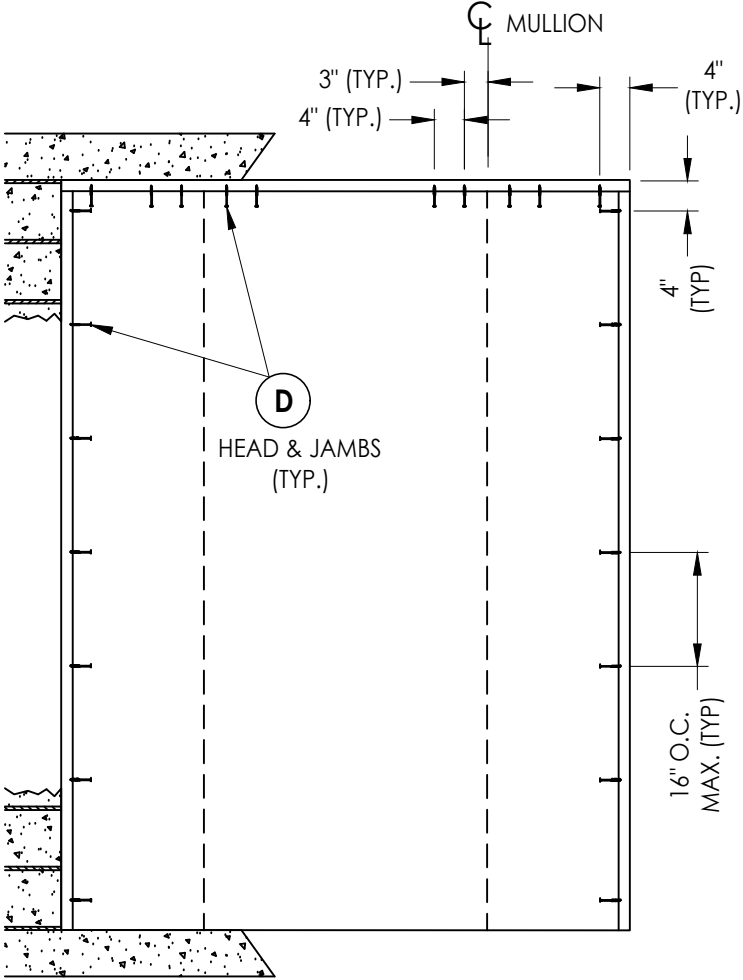
5 **VERTICAL CROSS SECTION**
8 ADA Threshold

[illegible]

[illegible]



XO/OX



OXO

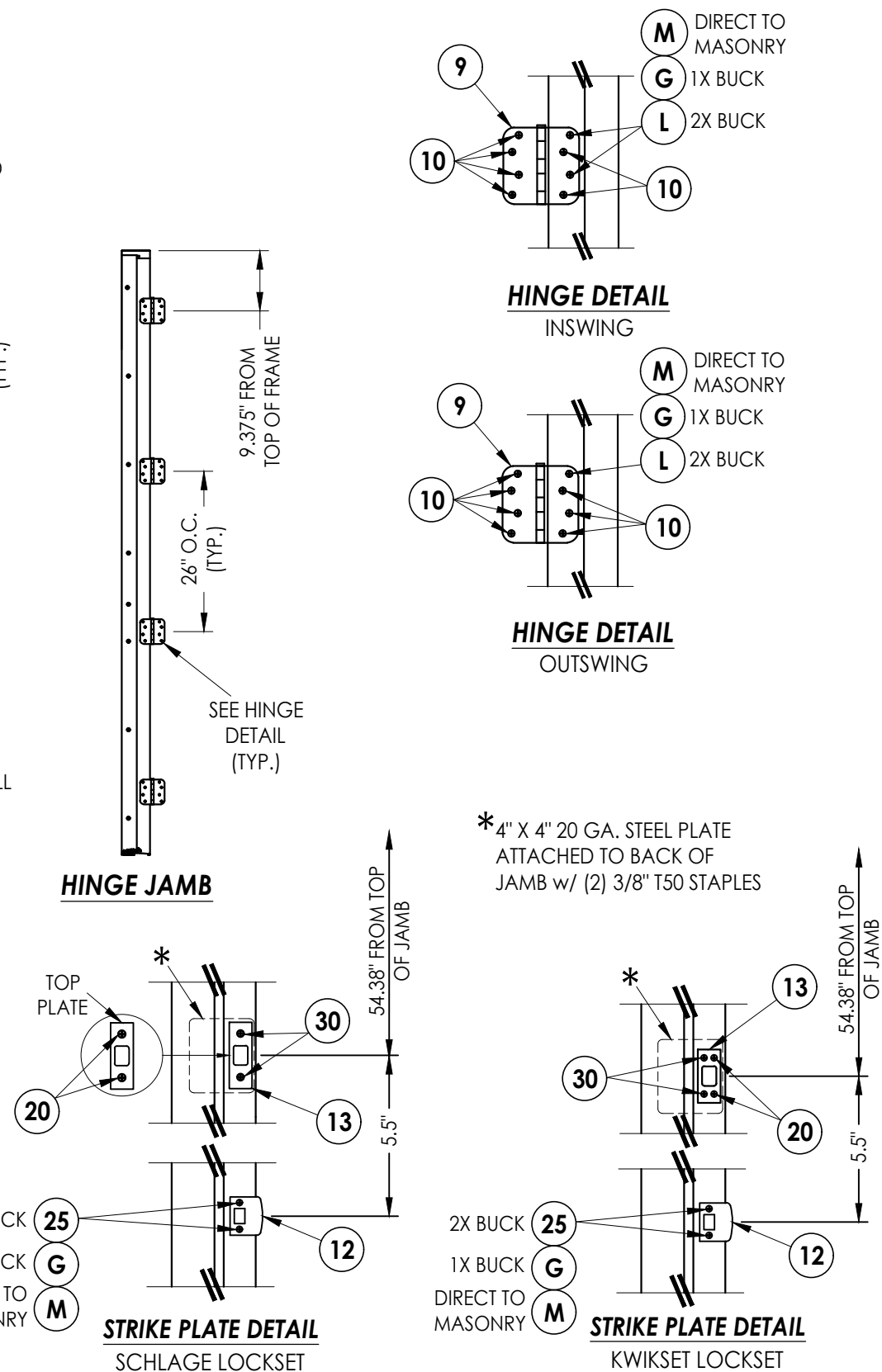
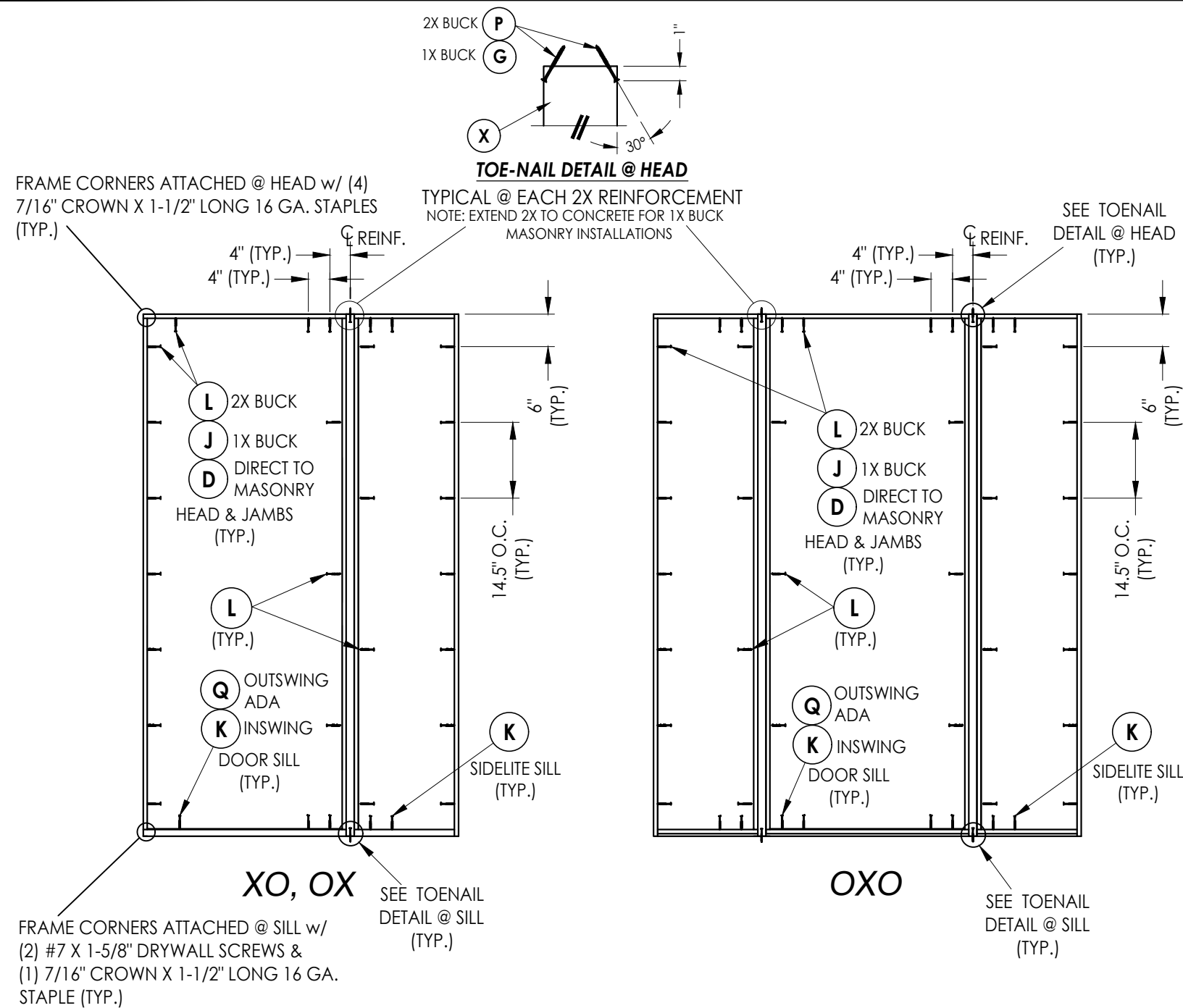
2X BUCK ANCHORING

DATE: 4/23/24	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-35309.8	
SHEET 10 of 12	

NO.	DATE	REVISIONS	
		BY	LFS
1	7/01/26	UPDATE TO 9TH ED.	(2026) FBC

PRODUCT:	STARLINK FIBERGLASS DOORS
	PART OR ASSEMBLY: BUCK ANCHORING

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



HARDWARE DETAILS

[illegible]

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 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
P	#10 X 3" PFH WOOD SCREW	STEEL
Q	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
X	2X REINFORCEMENT (G >= 0.55)	WOOD
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
17	INSWING SIDELITE BASE	VINYL
18	ADA THRESHOLD	ALUM
20	#8 X 1/2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#7 X 1-5/8" DRYWALL SCREW	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

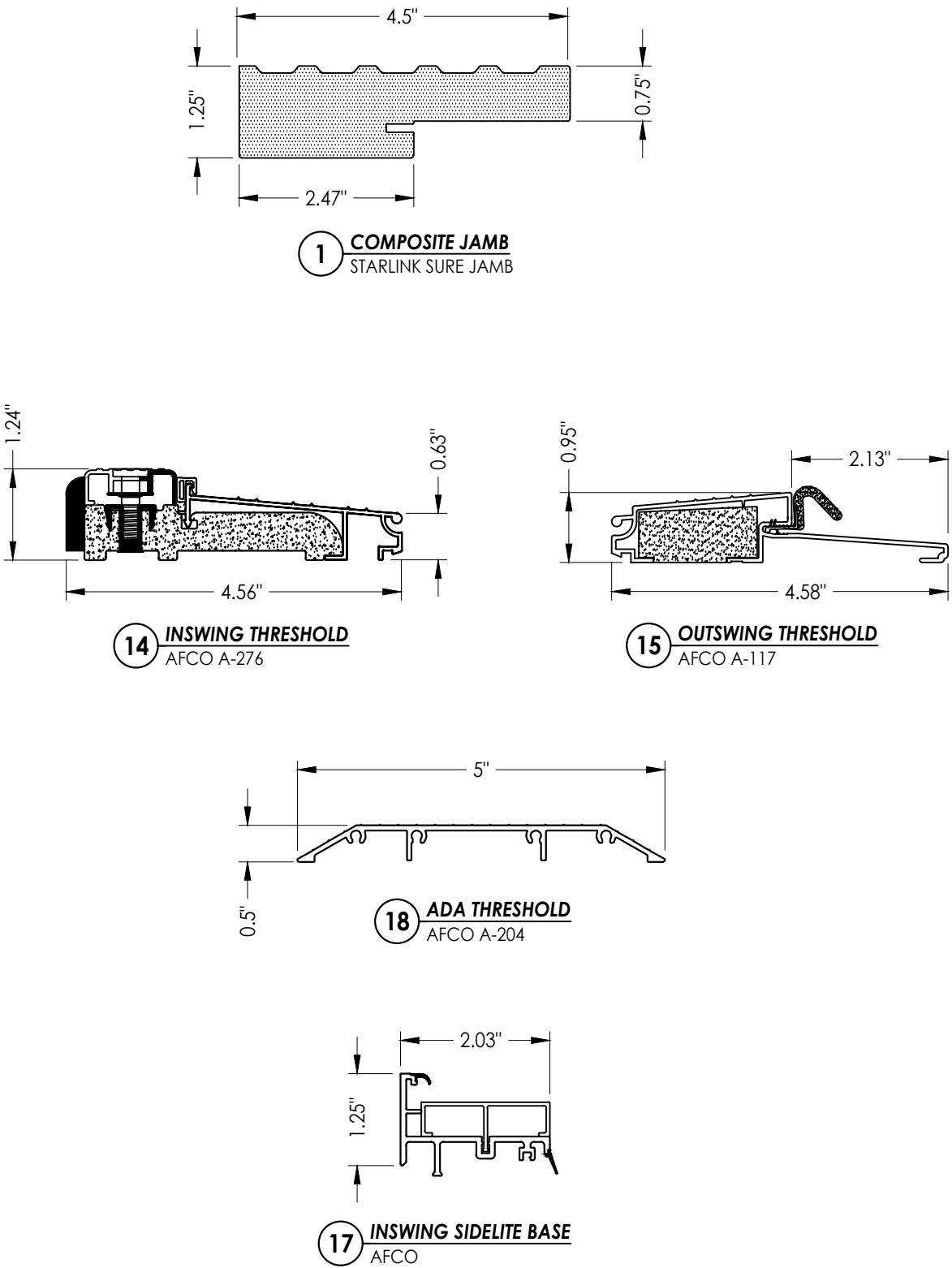
CONCRETE ANCHOR NOTES:

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 BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	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]