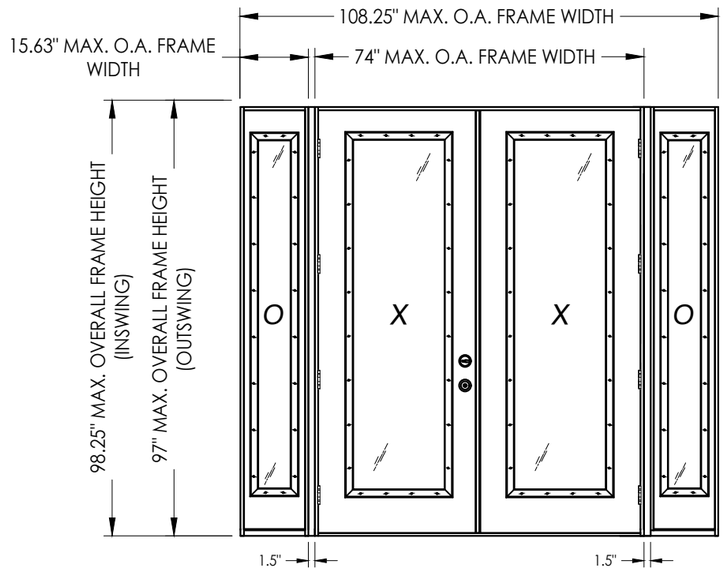
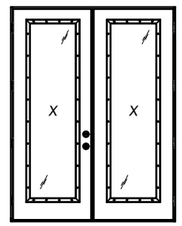
STARLINK
Building Supply

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





GENERAL NOTES

1. 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).
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.

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5	Horizontal & Vertical Cross Sections (2X Buck)	11	Frame Anchoring & Hardware Details
6	Horizontal & Vertical Cross Sections (1X Buck)	12	Bill of Materials & Components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 98.25"	+35.0	-40.0	+45.0	-45.0
OXXO	108.25" x 98.25"	+35.0	-40.0	+45.0	-45.0

L F Schmidt

L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2026.07.01 10:13:08 -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
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 4/23/24
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-35309.12
SHEET 1 OF 12

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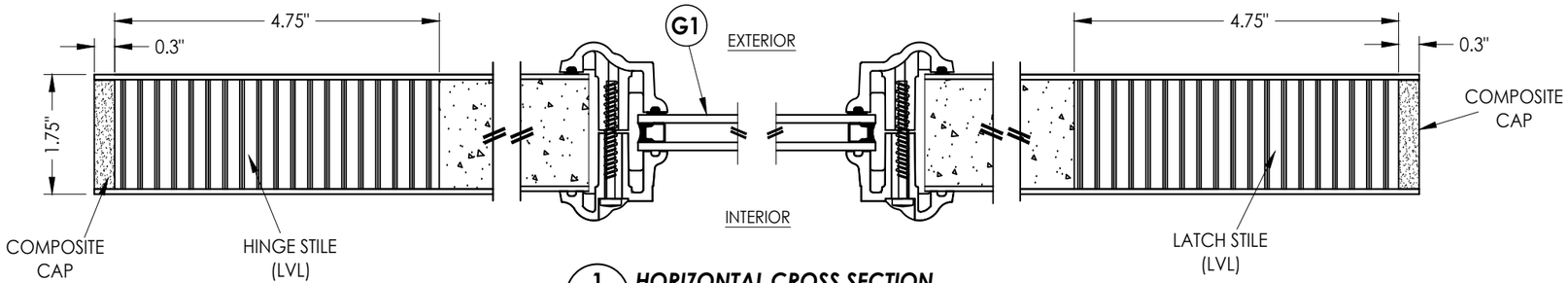
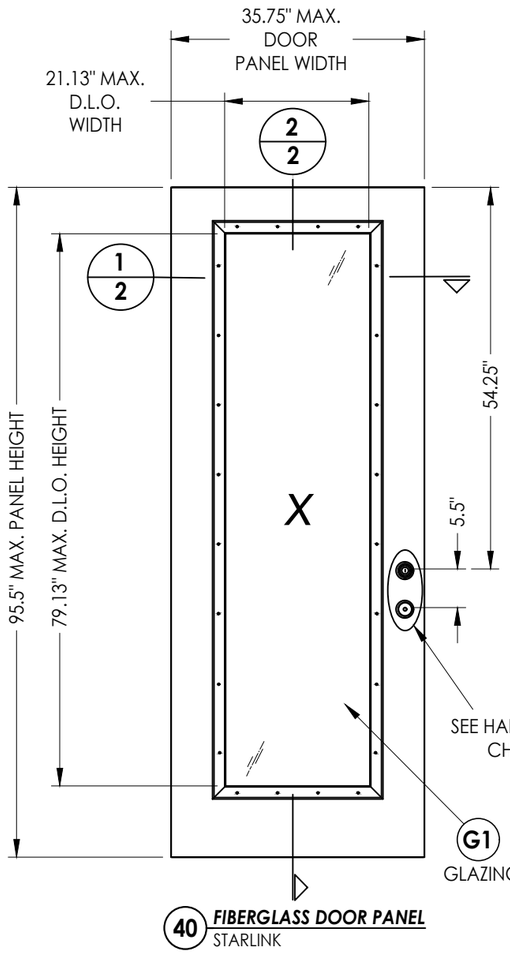


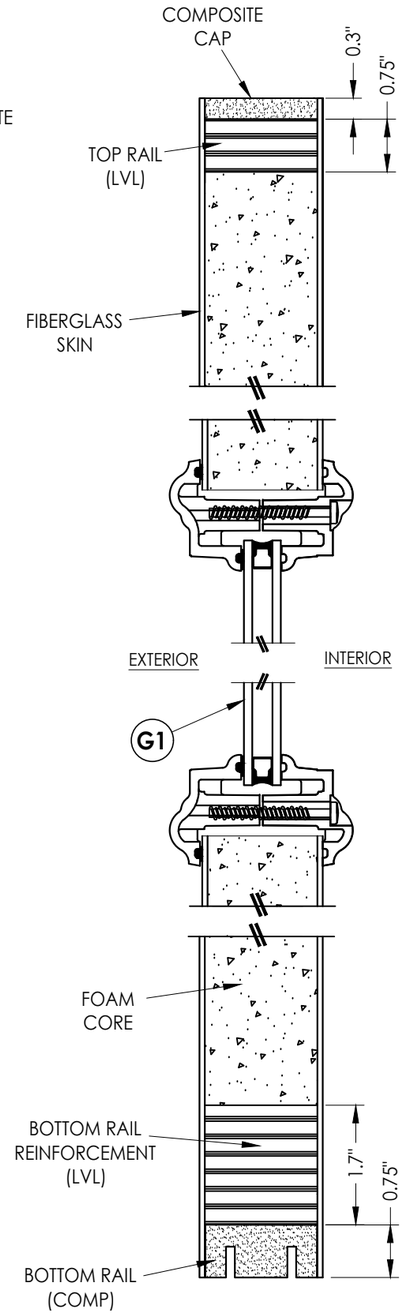
1/2 ***HORIZONTAL CROSS SECTION***



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***

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FBPE Registry No. 9813

PRODUCT: *STARLINK FIBERGLASS DOORS*

PART OR ASSEMBLY: *DOOR 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.
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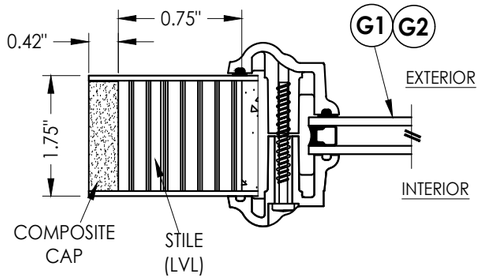
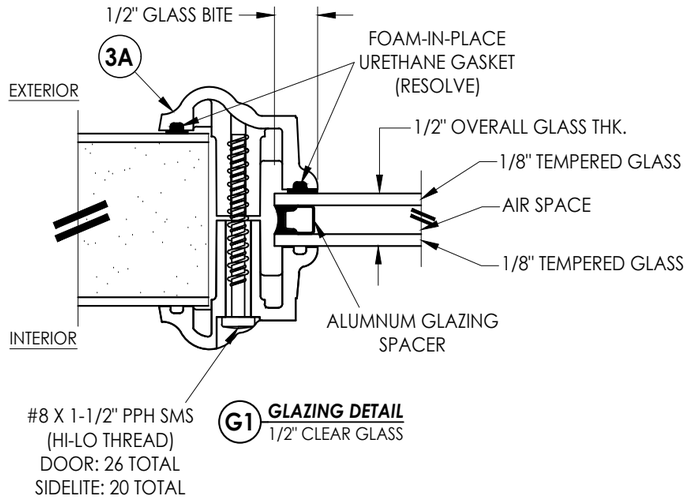
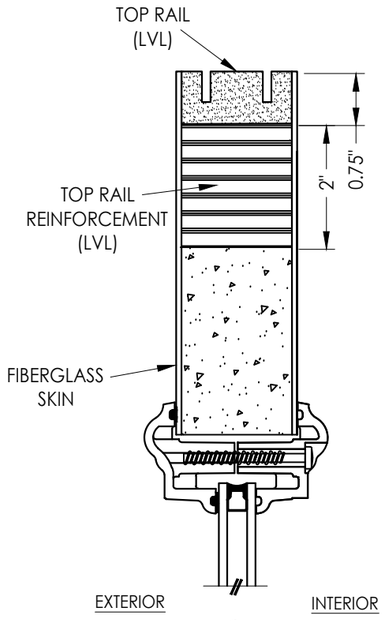
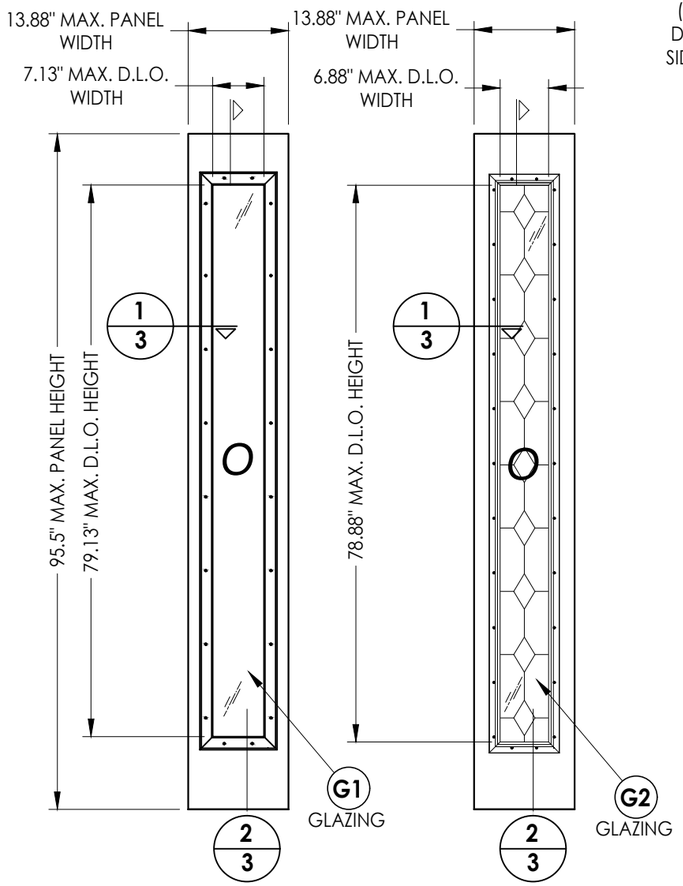


1/3 HORIZONTAL CROSS SECTION

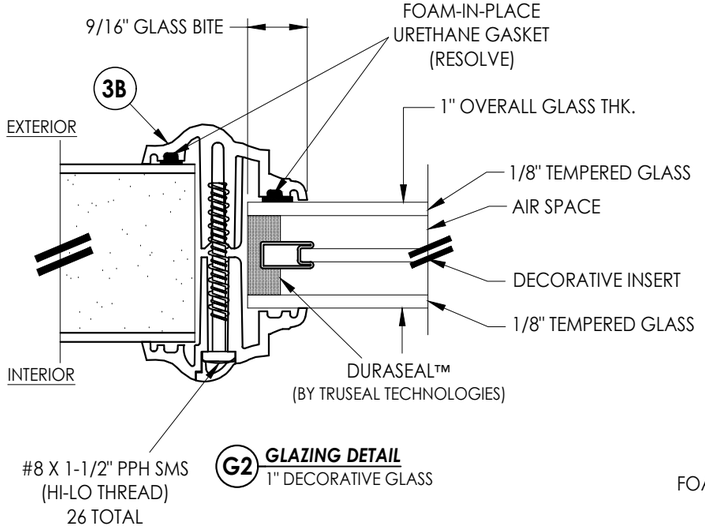


G1 GLAZING DETAIL
1/2" CLEAR GLASS

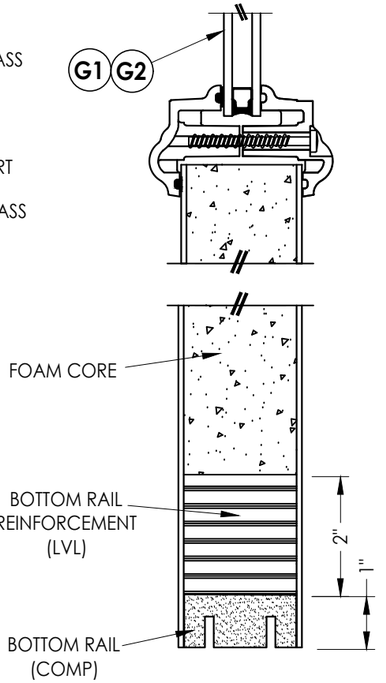




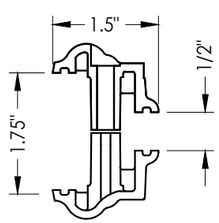
50 FIBERGLASS SIDELITE PANELS
STARLINK



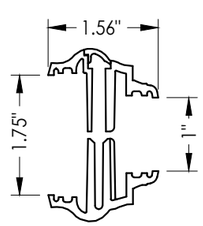
G2 GLAZING DETAIL
1" DECORATIVE GLASS



2/3 VERTICAL CROSS SECTION



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



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

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

Documents Prepared By:
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FBPE Registry No. 9813

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-35309.12
SHEET 3 OF 12

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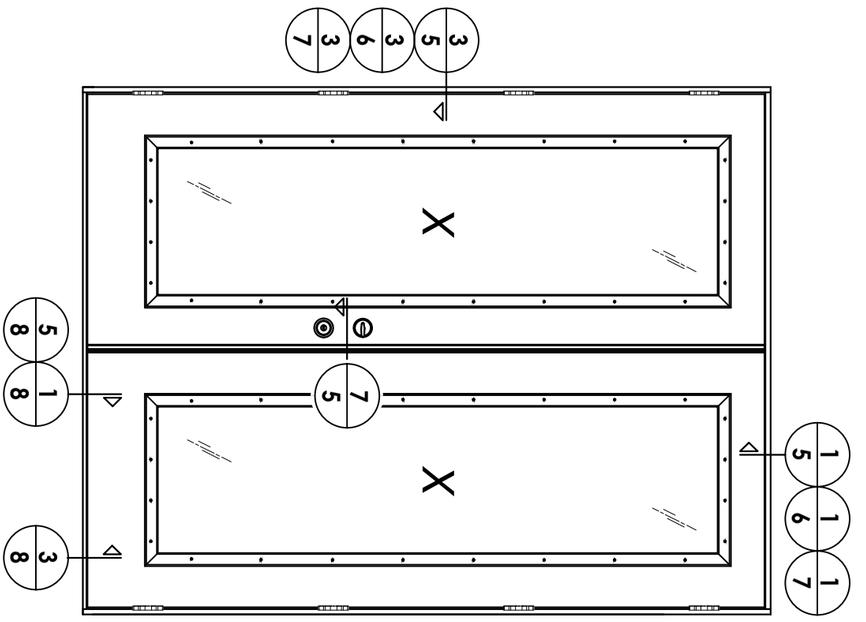

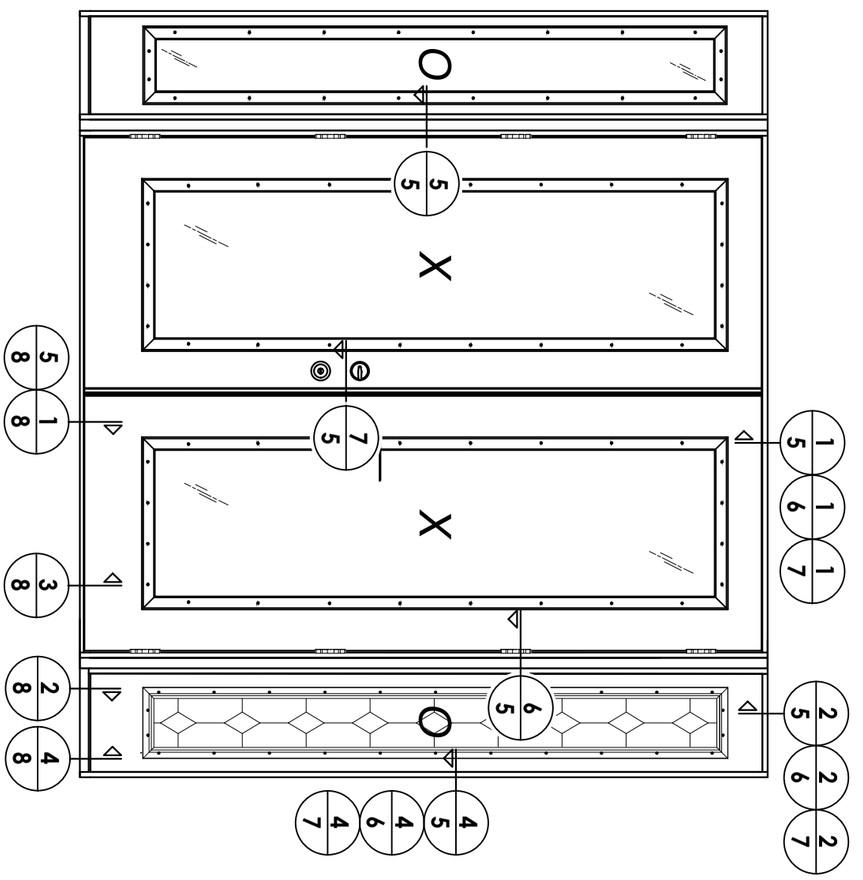

SHEET 4 OF 12			
DRAWING NO.: FL-35309.12			
CHK. BY: LFS			
DWG. BY: RW			
SCALE: N.T.S.			
DATE: 4/23/24			
	1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
	NO.	DATE	REVISIONS

LFS
BY

PRODUCT:
STARLINK
FIBERGLASS DOORS

PART OR ASSEMBLY:
ELEVATIONS

Documents Prepared By:
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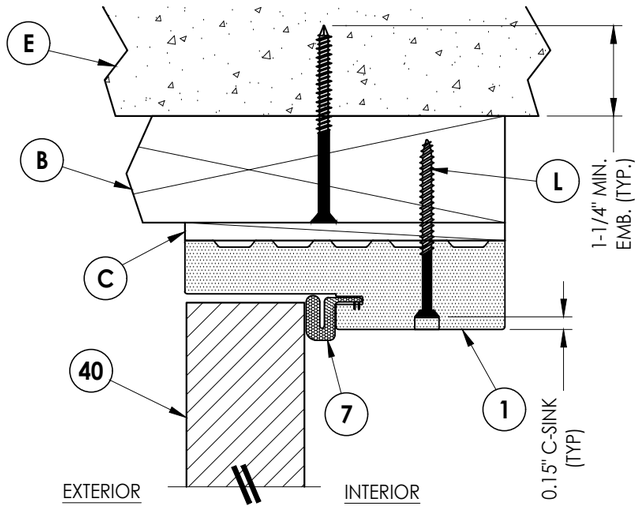
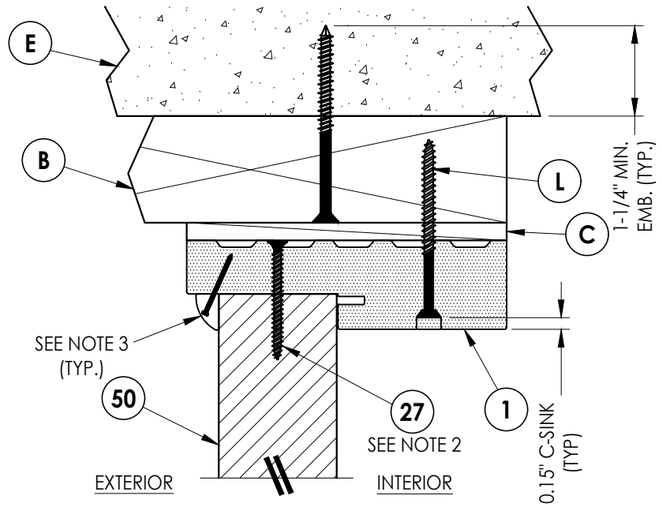
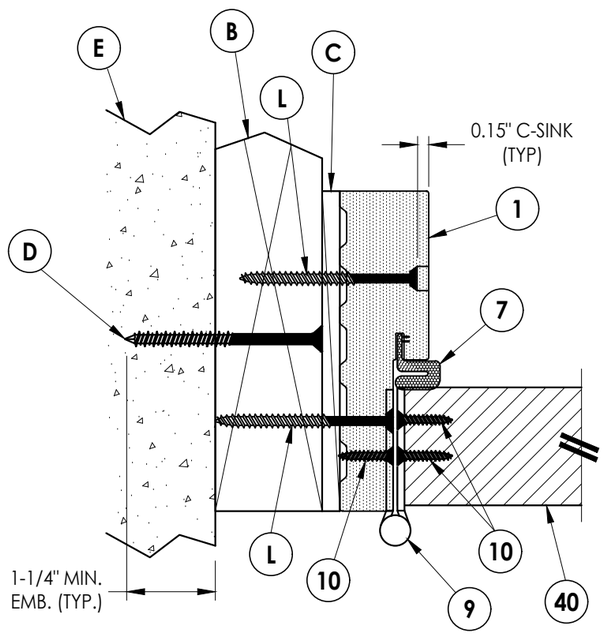


1/5 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

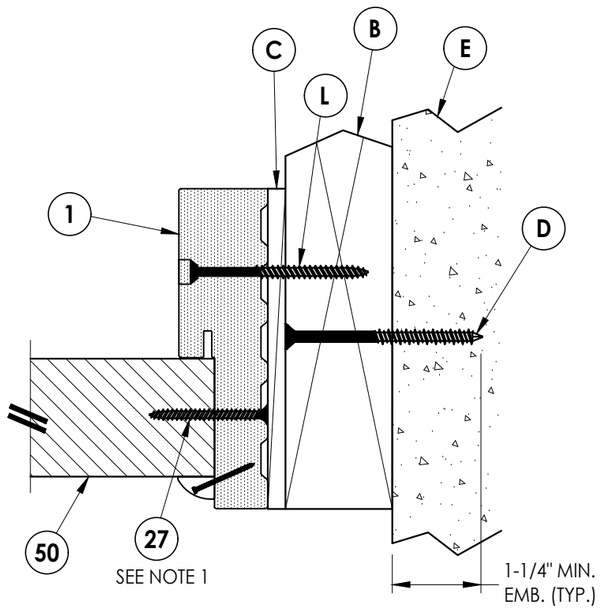


2/5 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

NOTES:
1. Sidelite assembly screws located 6" from each end plus 8 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.



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



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

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: STARLINK FIBERGLASS DOORS

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

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

DATE: 4/23/24
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DWG. BY: RW
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DRAWING NO.: FL-35309.12
SHEET 5 OF 12

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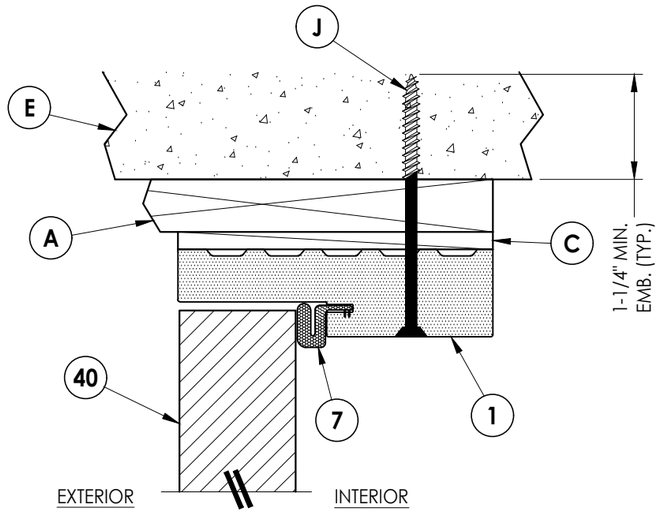
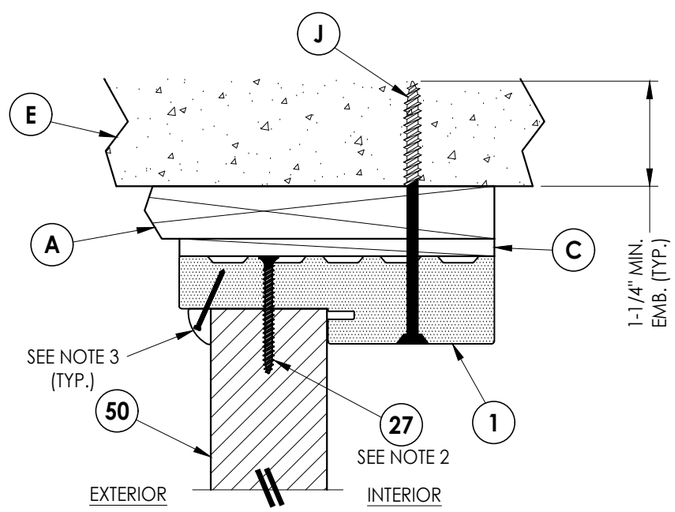
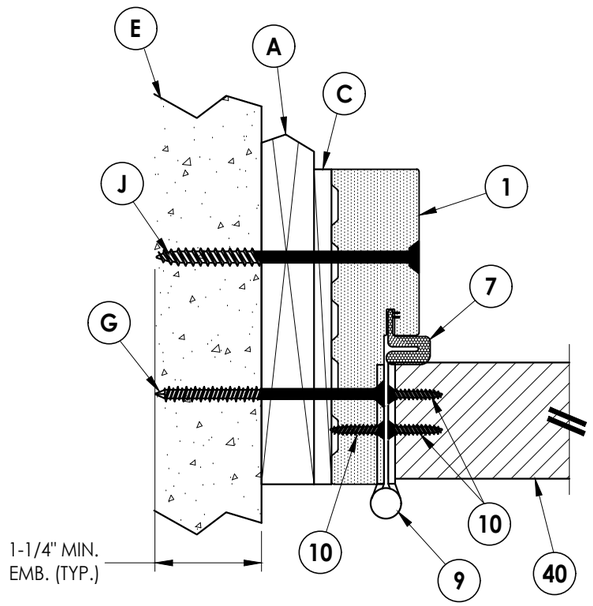


1/6 ***VERTICAL CROSS SECTION***
Outswing shown (Inswing similar)

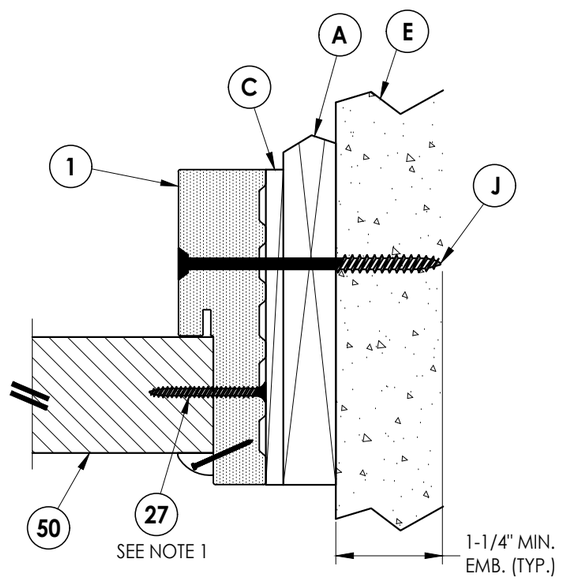


2/6 ***VERTICAL CROSS SECTION***
Outswing shown (Inswing similar)

NOTES:
1. Sidelite assembly screws located 6" from each end plus 8 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.



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



4/6 ***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 (1X BUCK)*

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-35309.12
SHEET 6 OF 12

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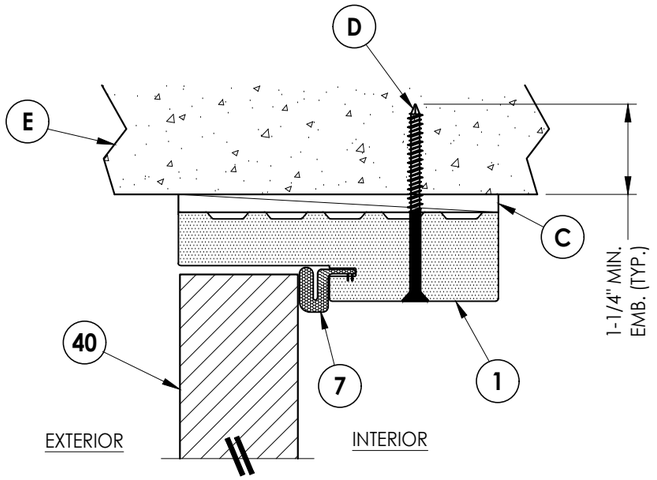
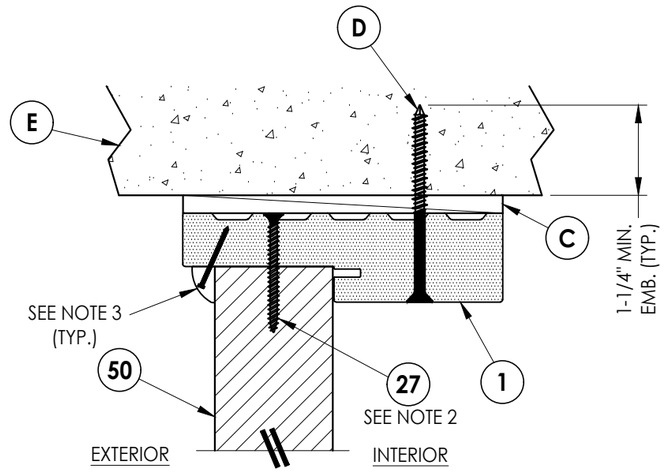
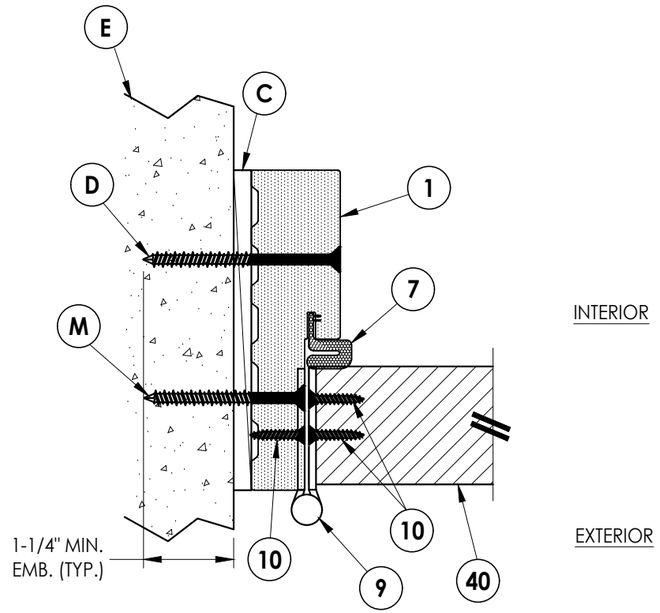


1/7 *VERTICAL CROSS SECTION*
Outswing shown (Inswing similar)

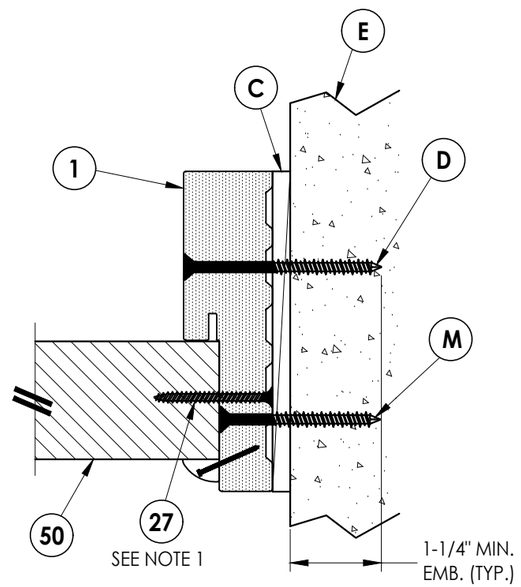


2/7 *VERTICAL CROSS SECTION*
Outswing shown (Inswing similar)

NOTES:
1. Sidelite assembly screws located 6" from each end plus 8 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.



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



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

Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT: *STARLINK FIBERGLASS DOORS*

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

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
CHK. BY: LFS
DRAWING NO.: FL-35309.12
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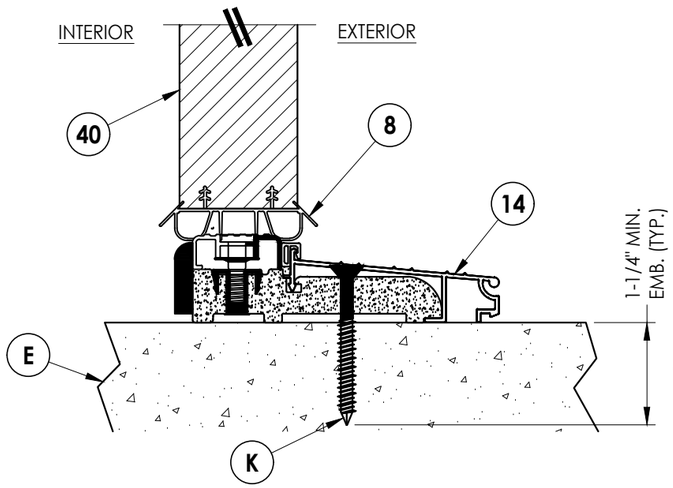
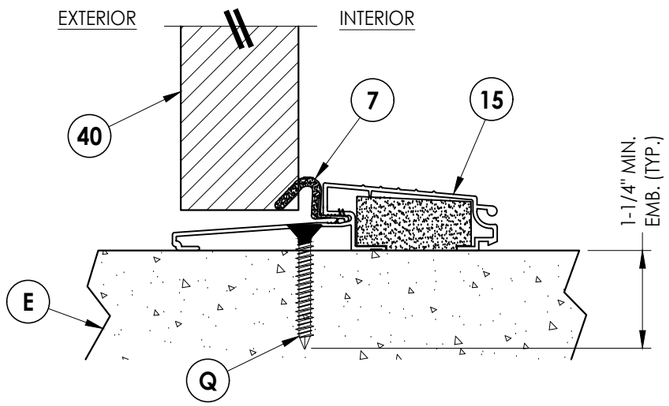
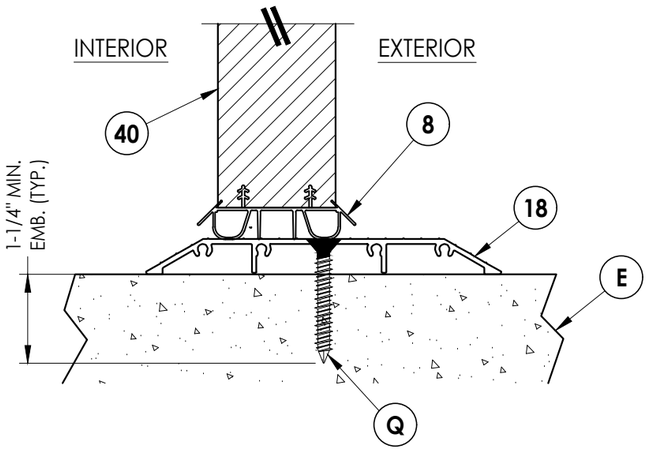


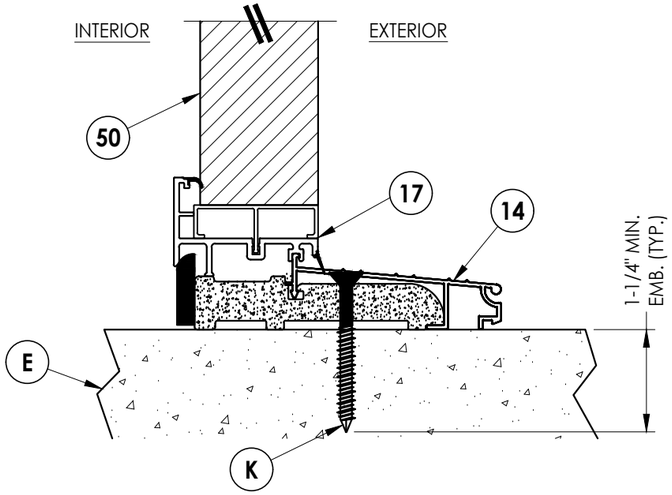
1/8 VERTICAL CROSS SECTION
Inswing Threshold



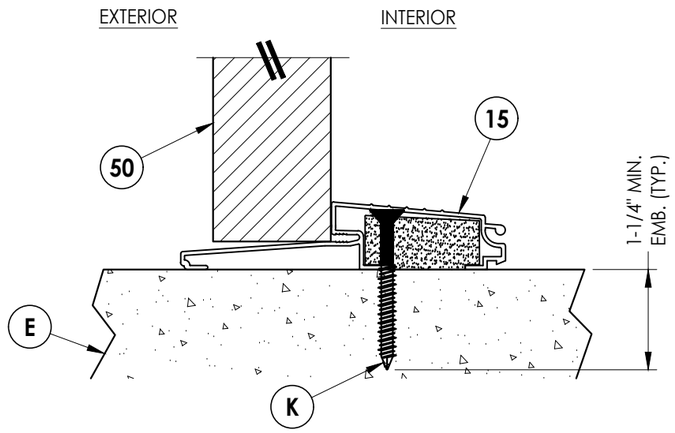
3/8 VERTICAL CROSS SECTION
Outswing Threshold



5/8 VERTICAL CROSS SECTION
ADA Threshold



2/8 VERTICAL CROSS SECTION
Inswing Threshold



4/8 VERTICAL CROSS SECTION
Outswing Threshold

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: STARLINK FIBERGLASS DOORS

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

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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SHEET 8 OF 12

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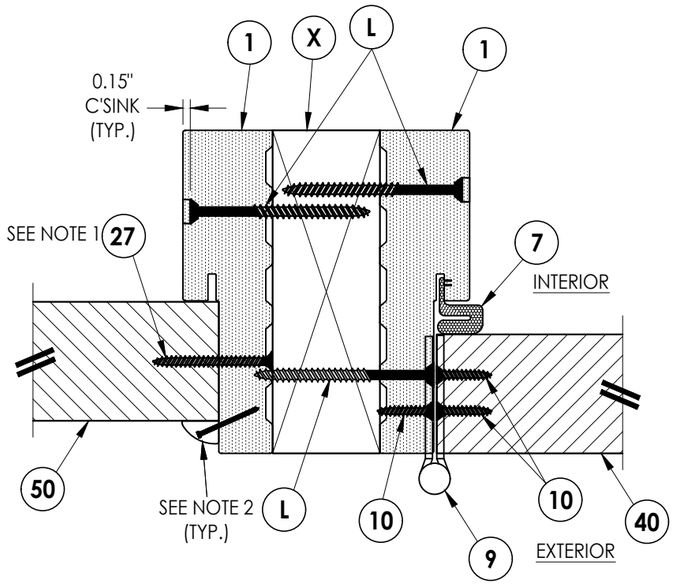
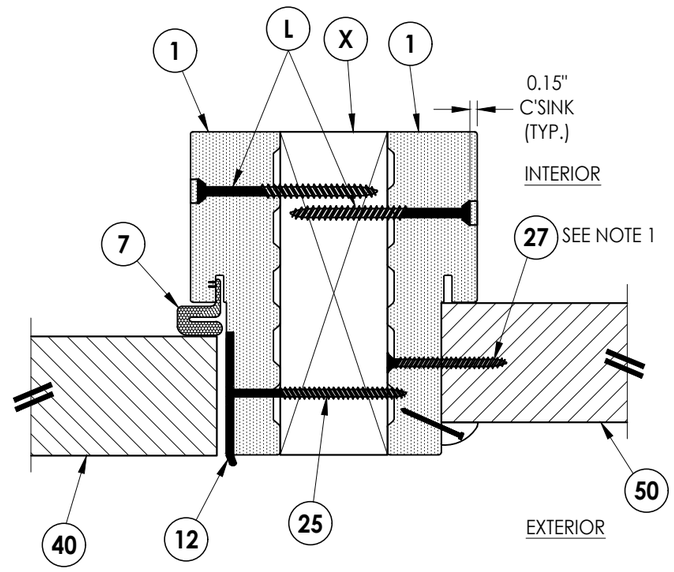
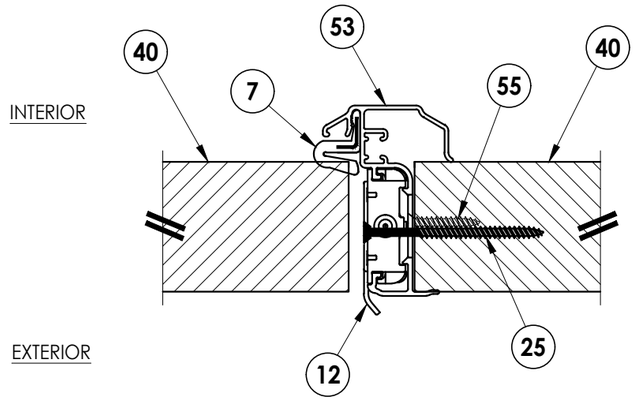
NOTES:
1. Sidelite assembly screws located 6" from each end plus 8 more equally spaced (10 total).
2. PVC moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.



1/9 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



2/9 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



3/9 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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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: *HORIZONTAL CROSS SECTIONS*

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
CHK. BY: LFS
DRAWING NO.: FL-35309.12
SHEET 9 OF 12

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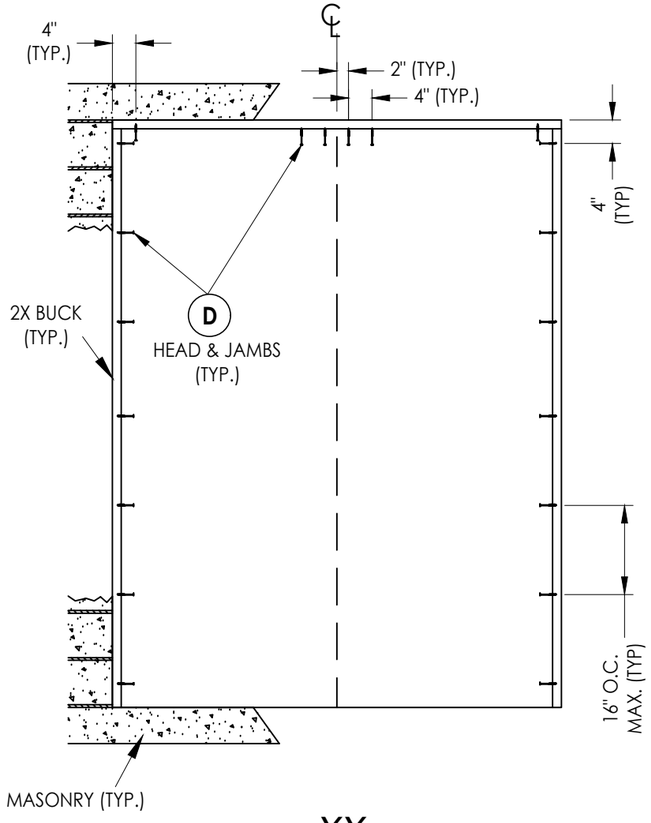

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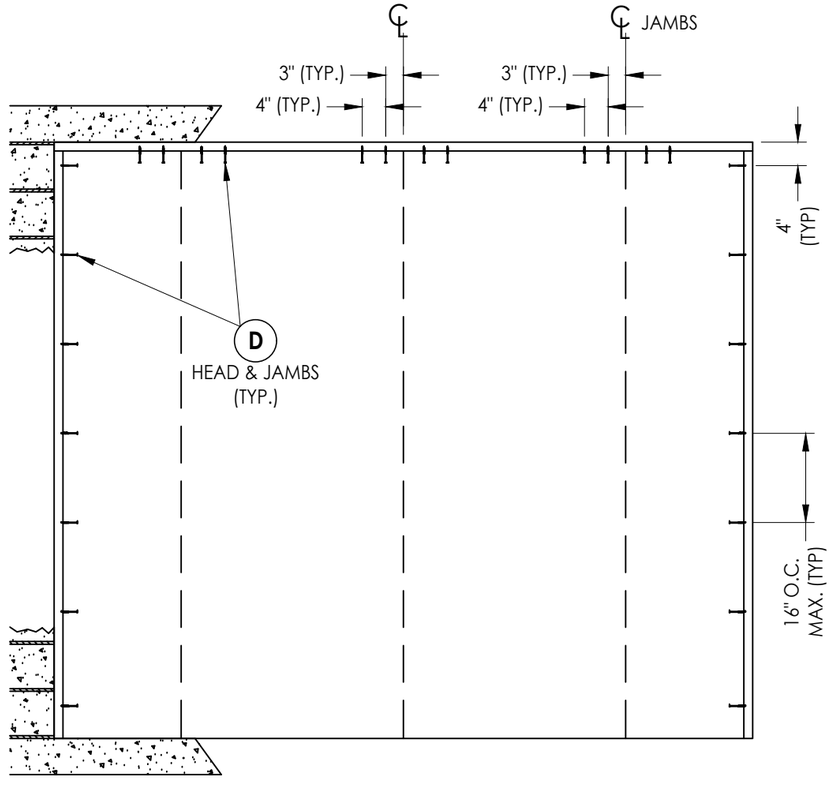

OXXO

2X BUCK ANCHORING

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FBPE Registry No. 9813

PRODUCT: *STARLINK FIBERGLASS DOORS*

PART OR ASSEMBLY: *BUCK ANCHORING*

NO.	DATE	REVISIONS	BY
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DATE: 4/23/24
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DWG. BY: RW
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DRAWING NO.: FL-35309.12
SHEET 10 OF 12

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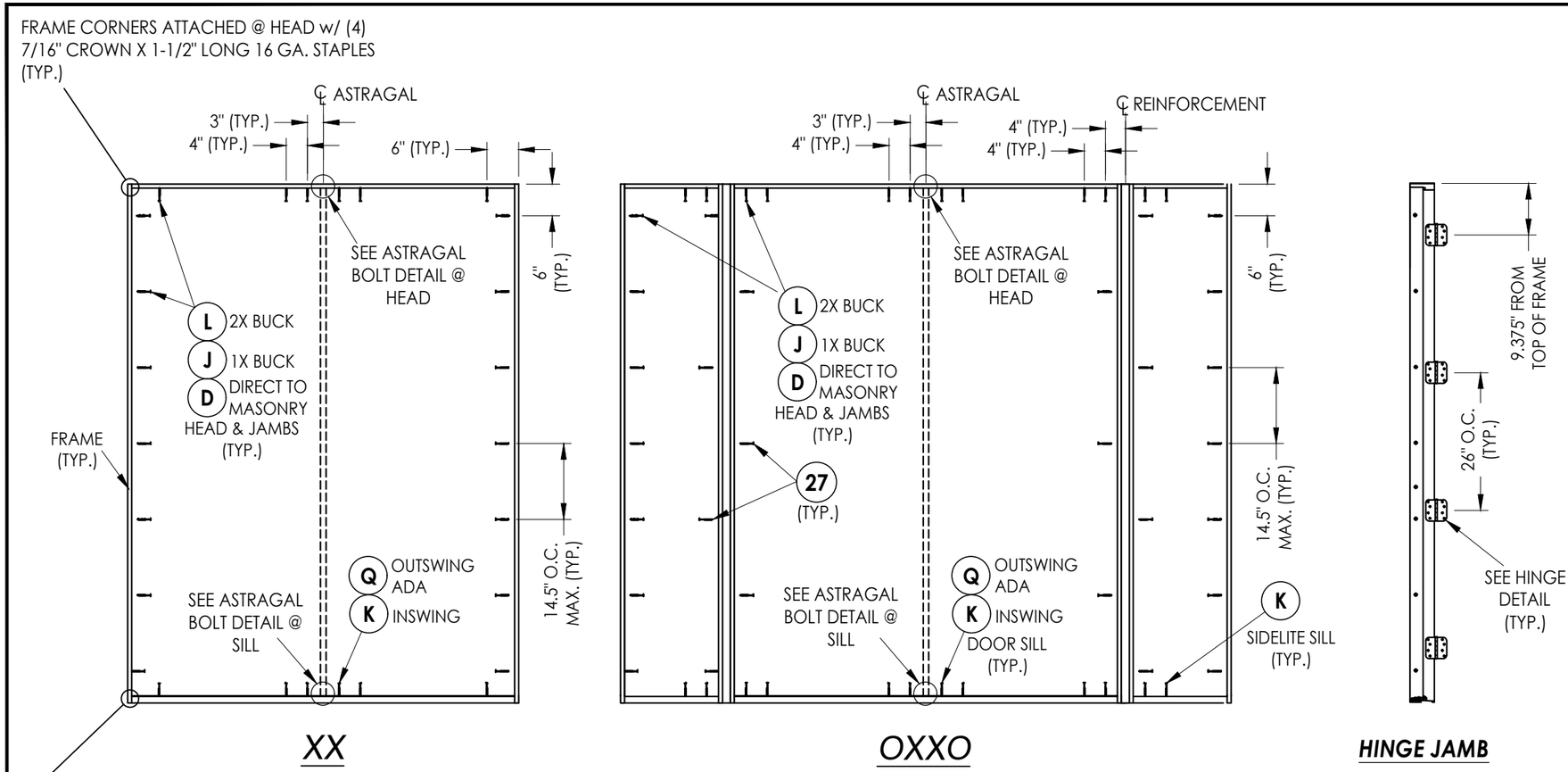
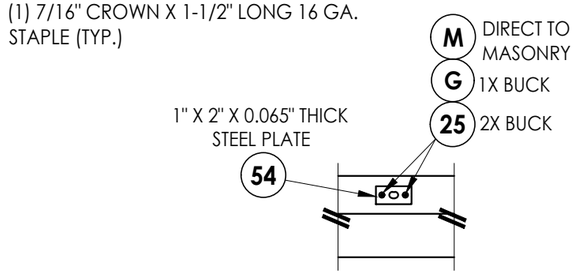
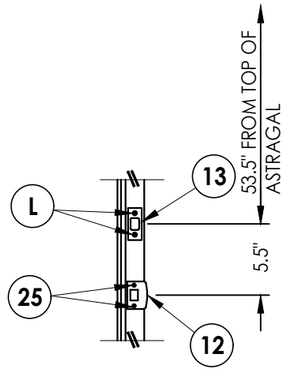


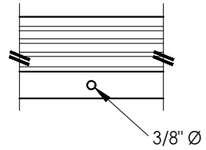
FRAME ANCHORING



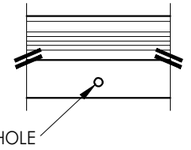
ASTRAGAL BOLT DETAIL
STRIKE PLATE @ HEAD



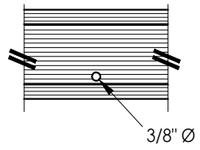
LATCH & DEADBOLT STRIKE PLATE DETAILS



ASTRAGAL BOLT DETAIL
INSWING THRESHOLD

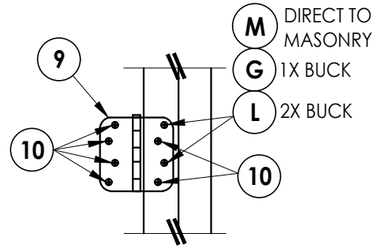


ASTRAGAL BOLT DETAIL
OUTSWING THRESHOLD

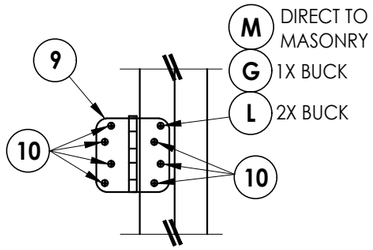


ASTRAGAL BOLT DETAIL
ADA THRESHOLD

HARDWARE DETAILS



HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING

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FBPE Registry No. 9813

PRODUCT:
STARLINK FIBERGLASS DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

REVISIONS

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

DATE: 4/23/24
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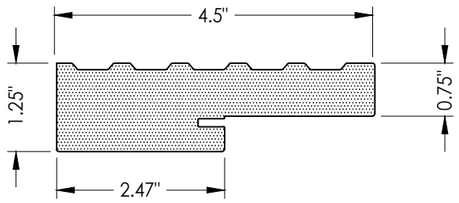
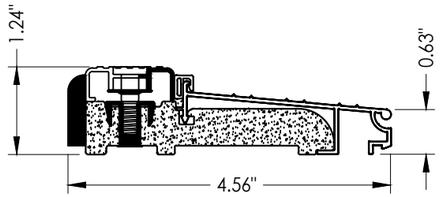
BILL OF MATERIALS

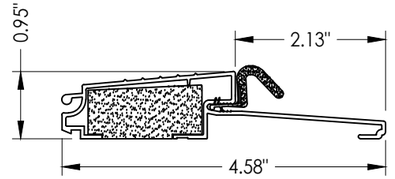
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE 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
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
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#7 X 1-5/8" DRYWALL SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-
53	ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL
55	8 X 1" PFH WS	STEEL



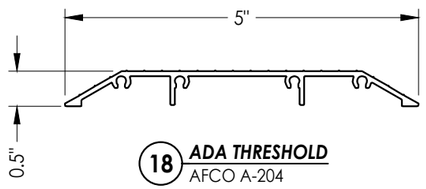
1 COMPOSITE JAMB
STARLINK SURE JAMB



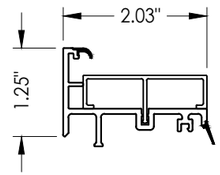
14 INSWING THRESHOLD
AFCO A-276



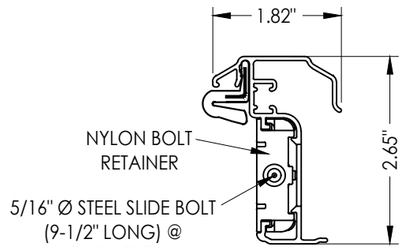
15 OUTSWING THRESHOLD
AFCO A-117



18 ADA THRESHOLD
AFCO A-204



17 INSWING SIDELITE BASE
AFCO



53 ENDURA ULTIMATE PUSH BUTTON ASTRAGAL

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 BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	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.*

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: *STARLINK FIBERGLASS DOORS*

PART OR ASSEMBLY: *BILL OF MATERIALS & COMPONENTS*

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

DATE: 4/23/24
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