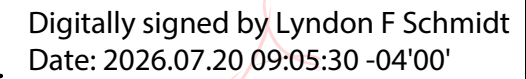




INSWING/OUTSWING "IMPACT"

1. This product anchoring drawing has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2. and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E1996.
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.

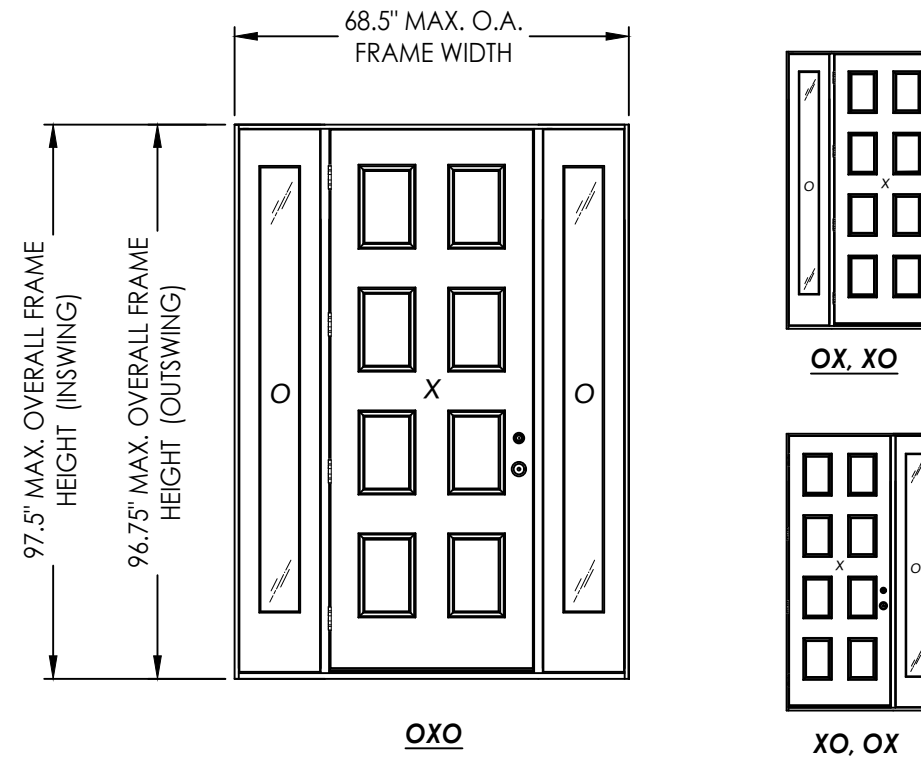
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	7	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite Panel Details	9	Vertical Cross Sections
4	Elevations	10	Buck Anchoring
5	Horizontal Cross Sections	11	Frame Anchoring & Hardware Details
6	Horizontal & Vertical Cross Sections (2X Buck)	12	Bill of Materials & Components



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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO	53.0" x 97.5"	+50.0	-50.0	+50.0	-50.0
OXO	68.5" x 97.5"	+50.0	-50.0	+50.0	-50.0

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

RM BUILDING CONSULTANTS, INC.

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

PRODUCT: STEVES & SONS
FIBERGLASS DOOR

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

1	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
				BY
				REVISIONS

DATE: 9/16/24

SCALE: N.T.S.

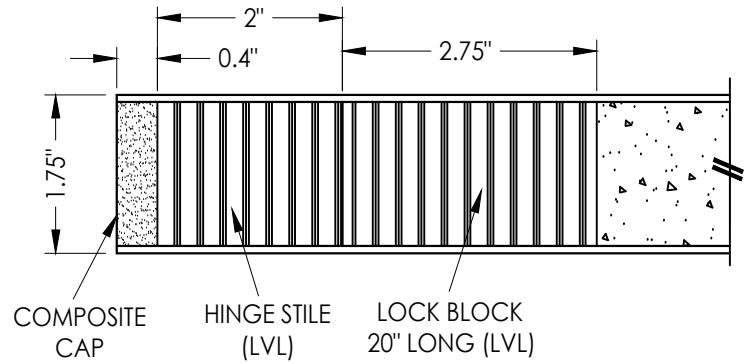
DWG. BY: *RW*

CHK. BY: LFS

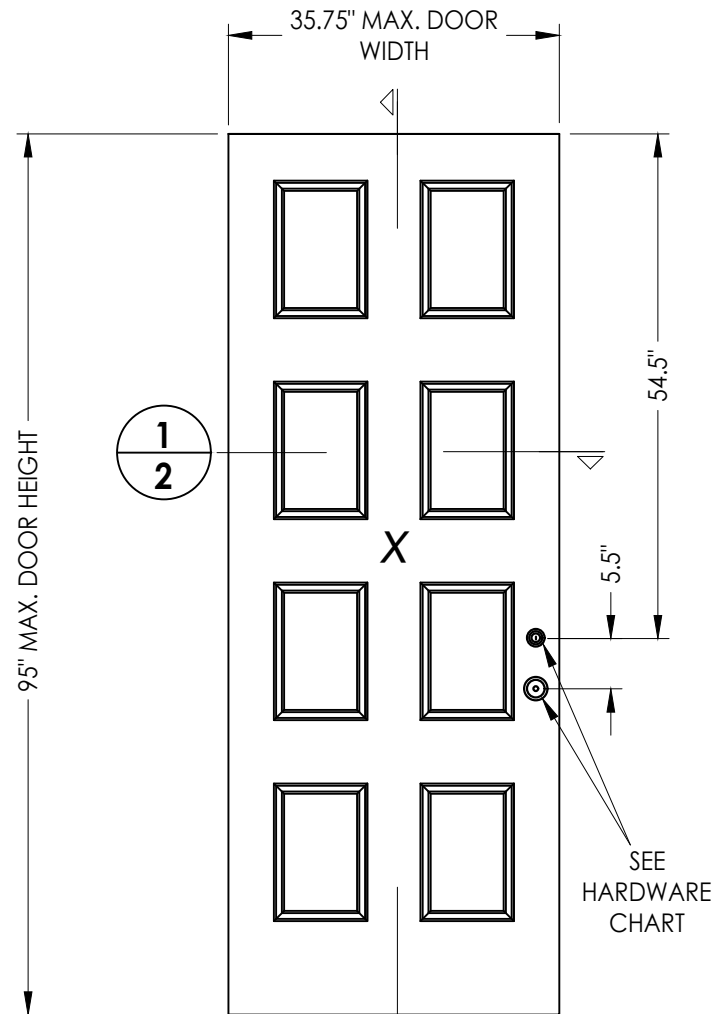
DRAWING NO.:
FL-46720.3

SHEET 1 OF 12

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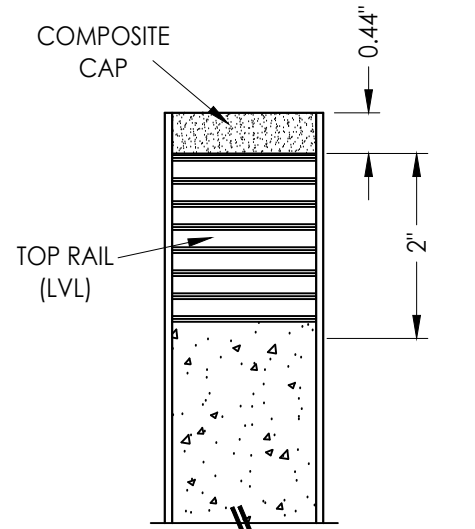
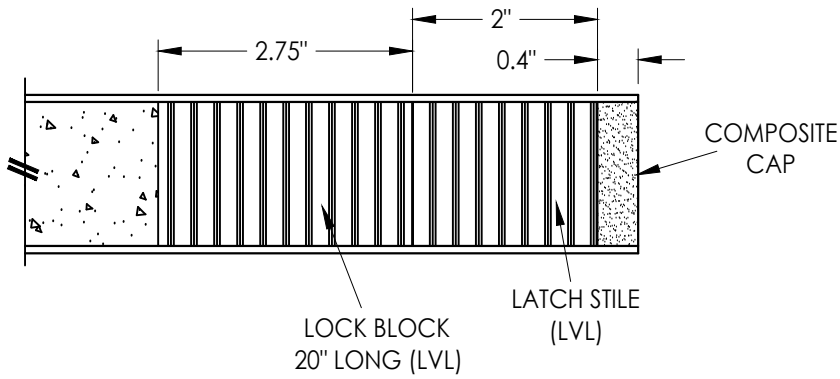
1
2 **HORIZONTAL CROSS SECTION**



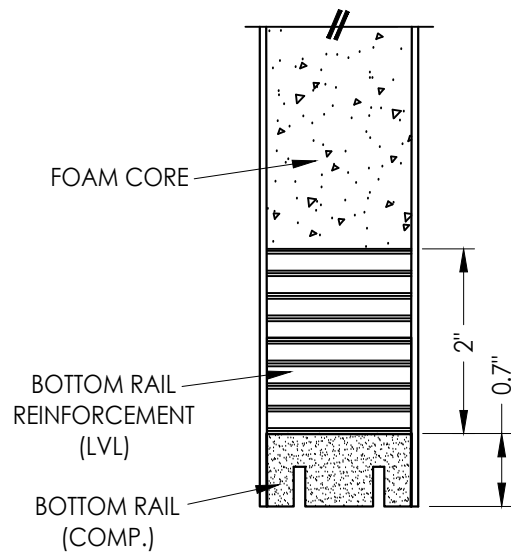
40 **FIBERGLASS DOOR PANEL**
STEVES & SONS - PALISADE SERIES

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	LATCH:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	LATCH:	F51
	DEADBOLT:	B60N

FIBERGLASS DOOR SKIN: MIN. 0.10" THK.
CORE MATERIAL: POLYURETHANE FOAM



EXTERIOR INTERIOR



2
2 **VERTICAL CROSS SECTION**

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

PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

NO.	DATE	DESCRIPTION	BY
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 9/16/24

SCALE: N.T.S.

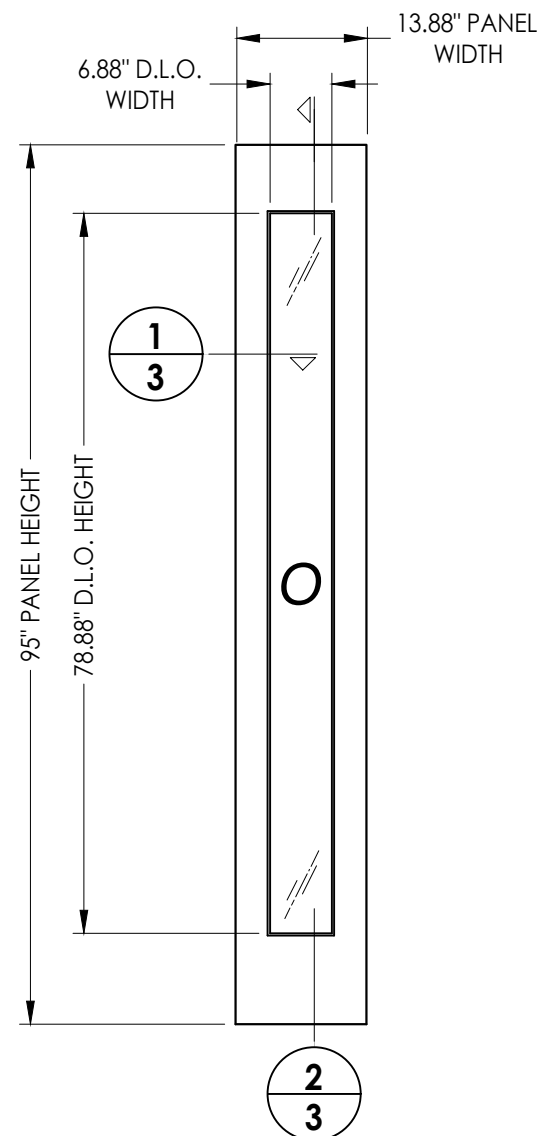
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

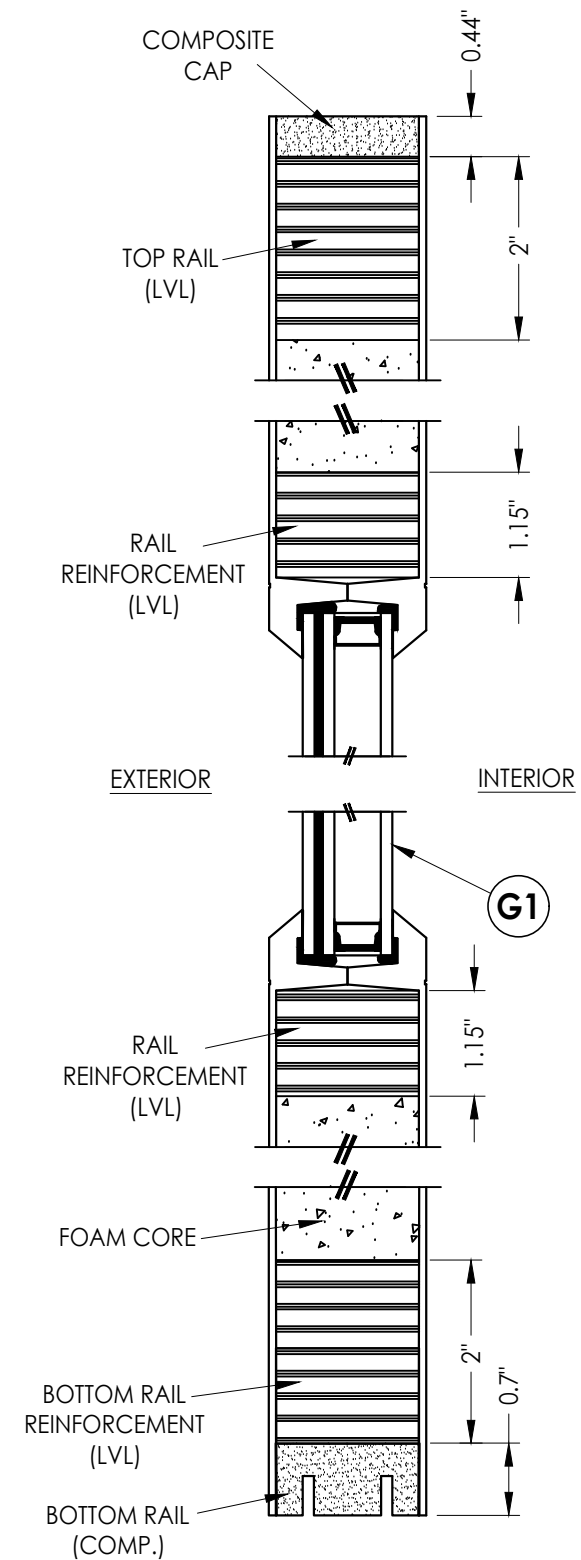
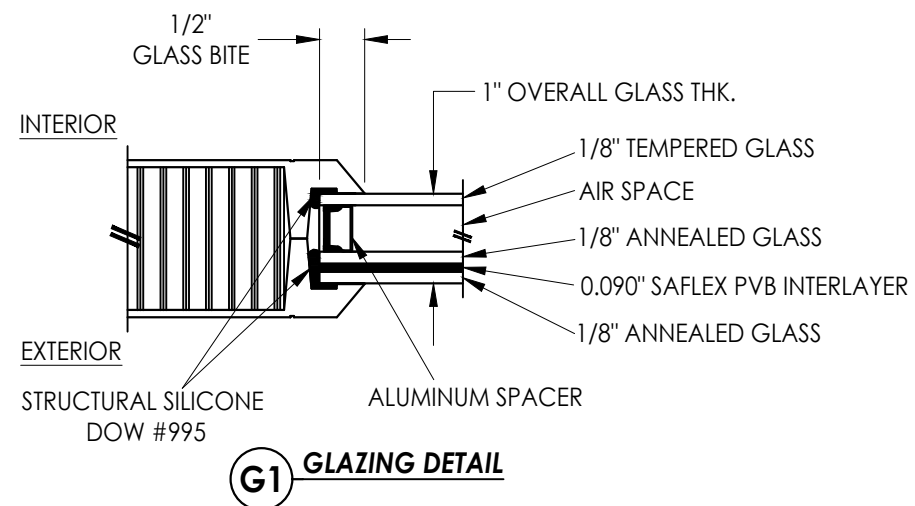
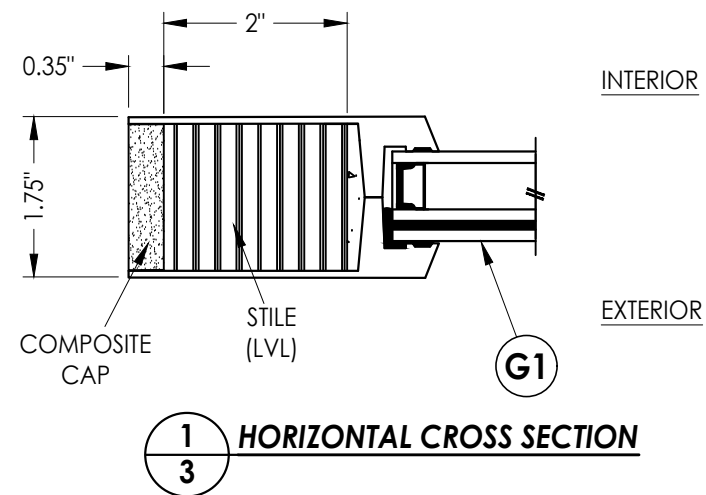
FL-46720.3

SHEET 2 OF 12



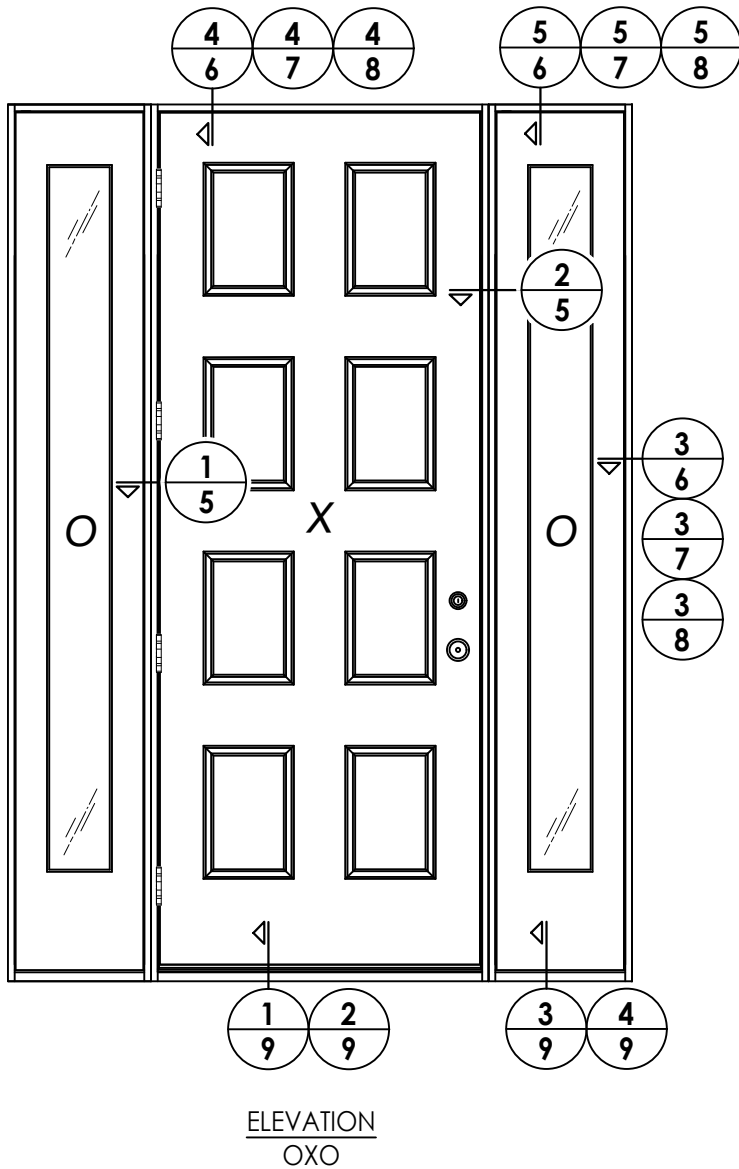
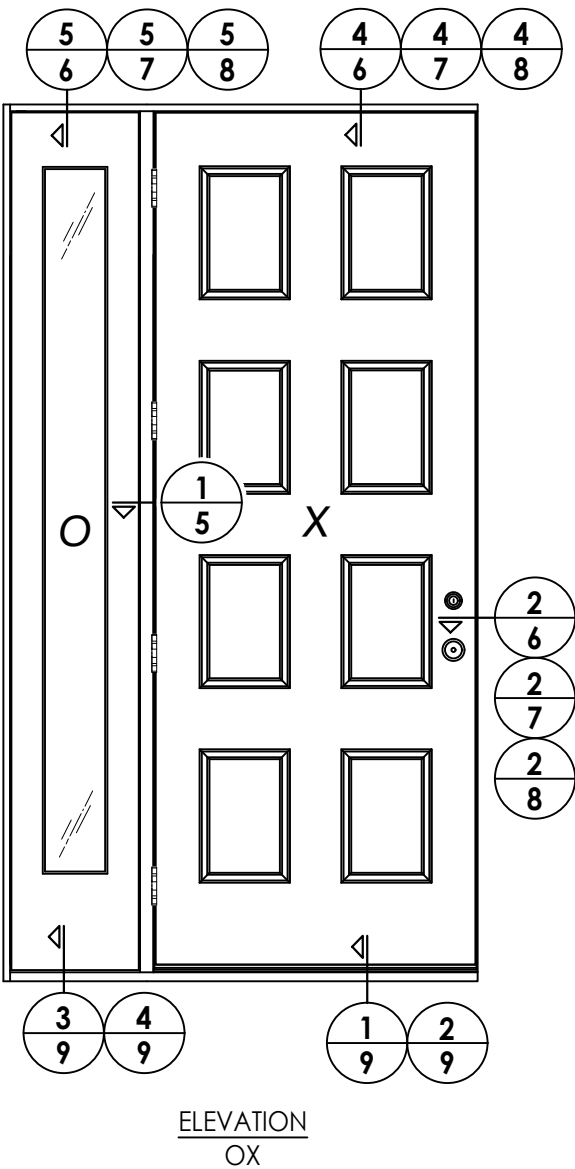
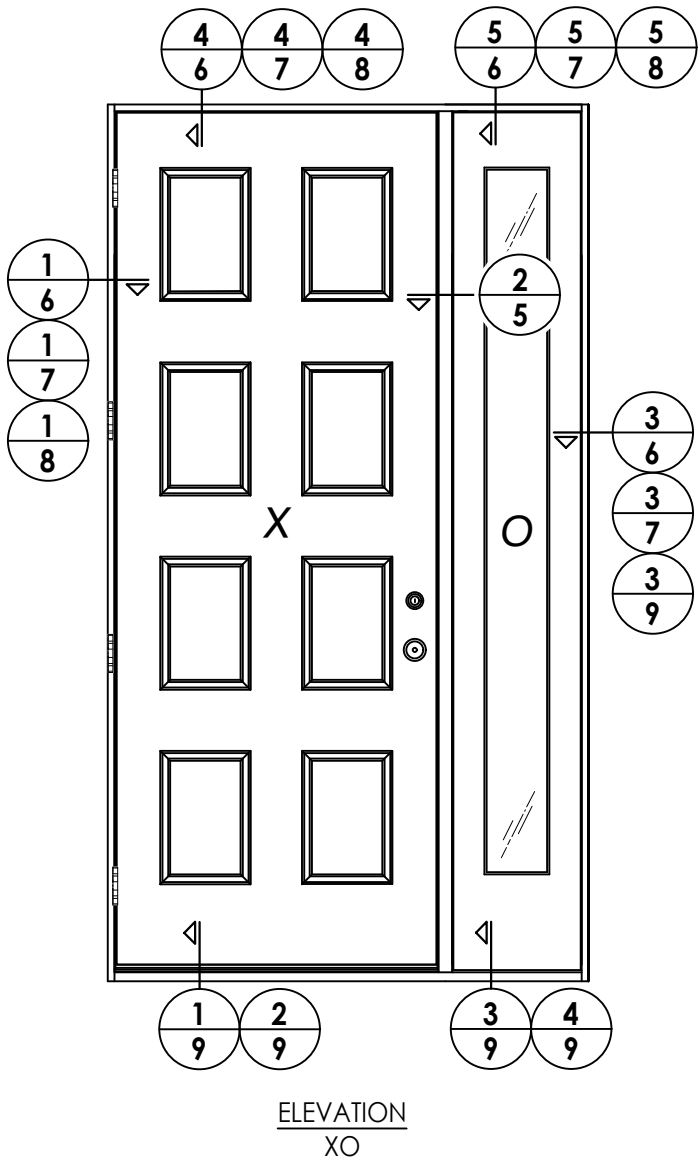
50 **FIBERGLASS SIDELITE PANEL**
STEVES & SONS - PALISADE SERIES

FIBERGLASS DOOR SKIN: MIN. 0.10" THK.
CORE MATERIAL: POLYURETHANE FOAM

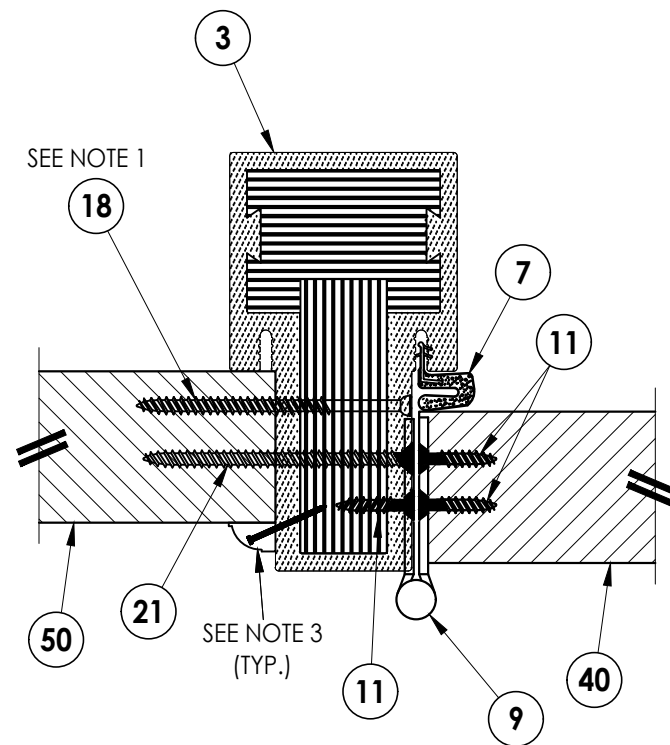


2 VERTICAL CROSS SECTION

DATE: 9/16/24		PRODUCT: STEVES & SONS FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: SIDELITE PANEL DETAILS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: RW					
CHK. BY: LFS					
DRAWING NO.: FL-46720.3					
SHEET 3 OF 12					

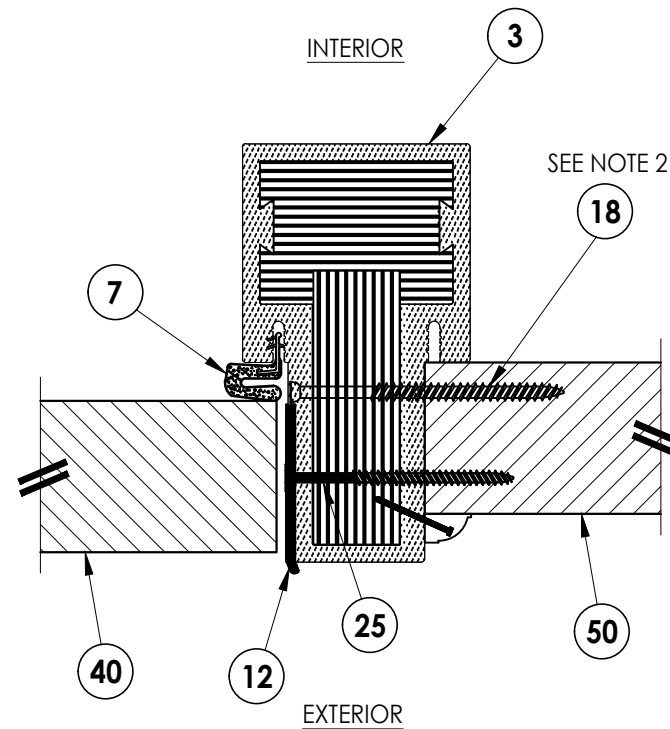


DATE: 9/16/24		SHEET 4 OF 12					
SCALE: N.T.S.		DRAWING NO.: FL-46720.3					
DWG. BY: RW		CHK. BY: LFS					
17/02/26		NO. DATE					
UPDATE TO 9TH ED. (2026)		FBC					
		LFS					
		BY					
		REVISIONS					
		PART OR ASSEMBLY: ELEVATIONS					
		PRODUCT: STEVES & SONS FIBERGLASS DOOR					
Documents Prepared 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							



1 5 **HORIZONTAL CROSS SECTION**

Shown w/ 2X Buck
Outswing shown (Inswing similar)



2 HORIZONTAL CROSS SECTION

5 Shown w/ 2X Buck
Outswing shown (Inswing similar)

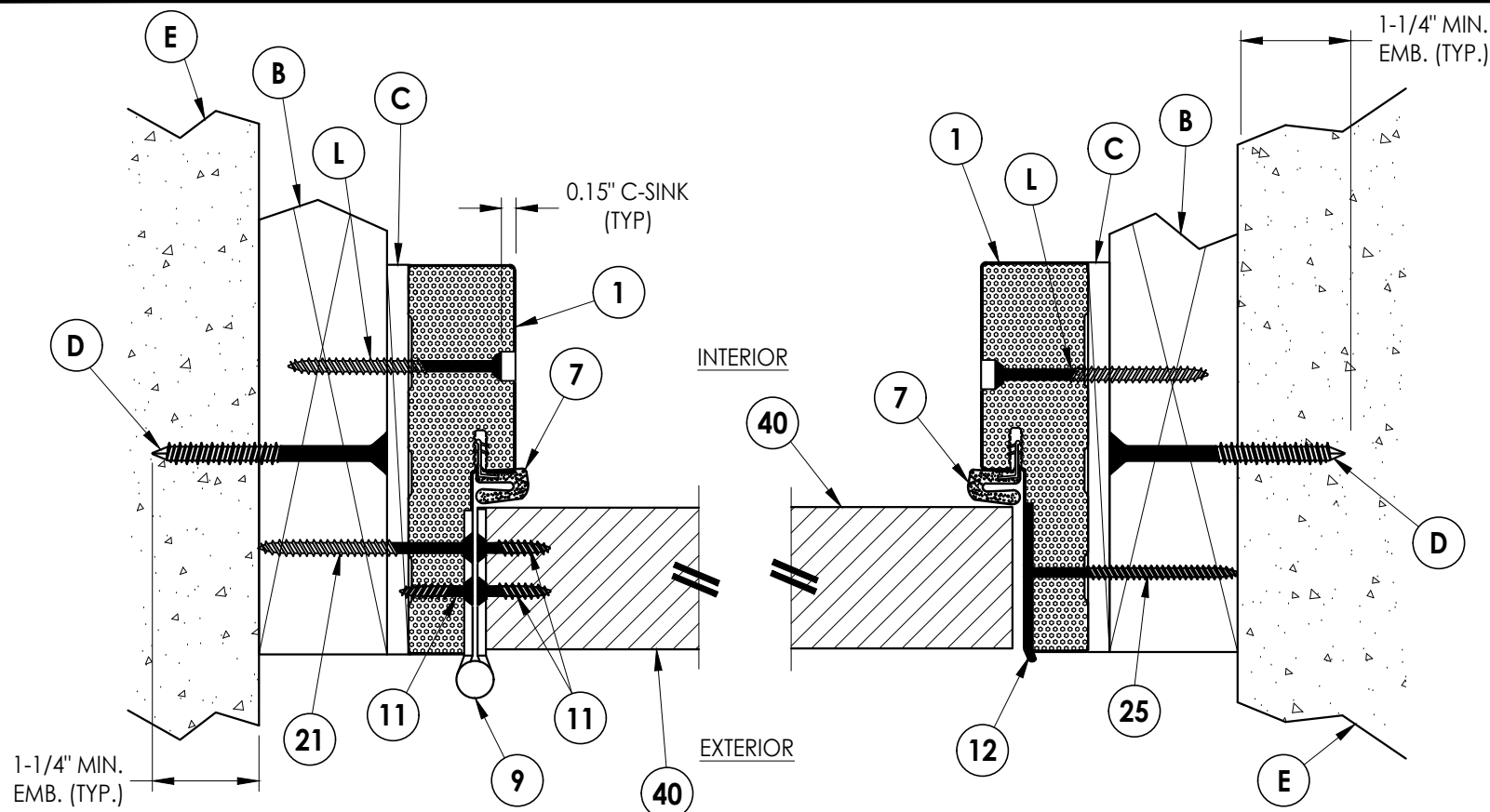
NOTES:

1. Sidelite assembly screws located @ each hinge (4 total).
2. Sidelite assembly screws located 9" from each end plus 2 more equally spaced (4 total).
3. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.

[illegible]

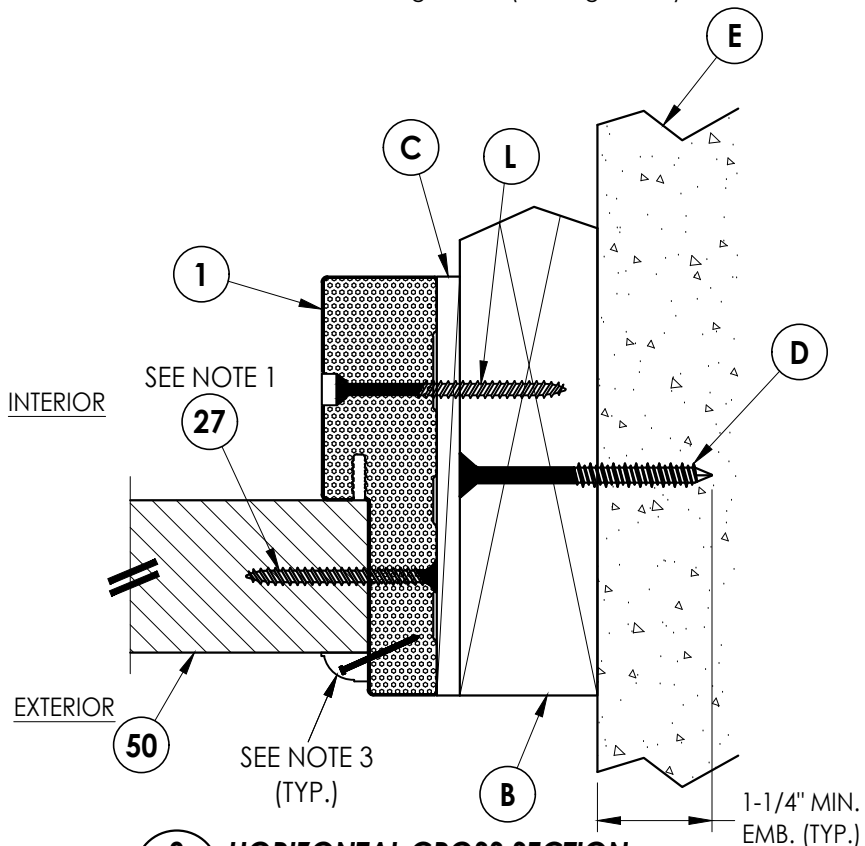
Z:\2023 FBC Drawings\Steves & Sons\FL-46720 R2\FL-46720.3.dwg

- NOTES:
1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced along jamb (8 total).
 2. Sidelite assembly screws located 2" from each end (2 total).
 3. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.

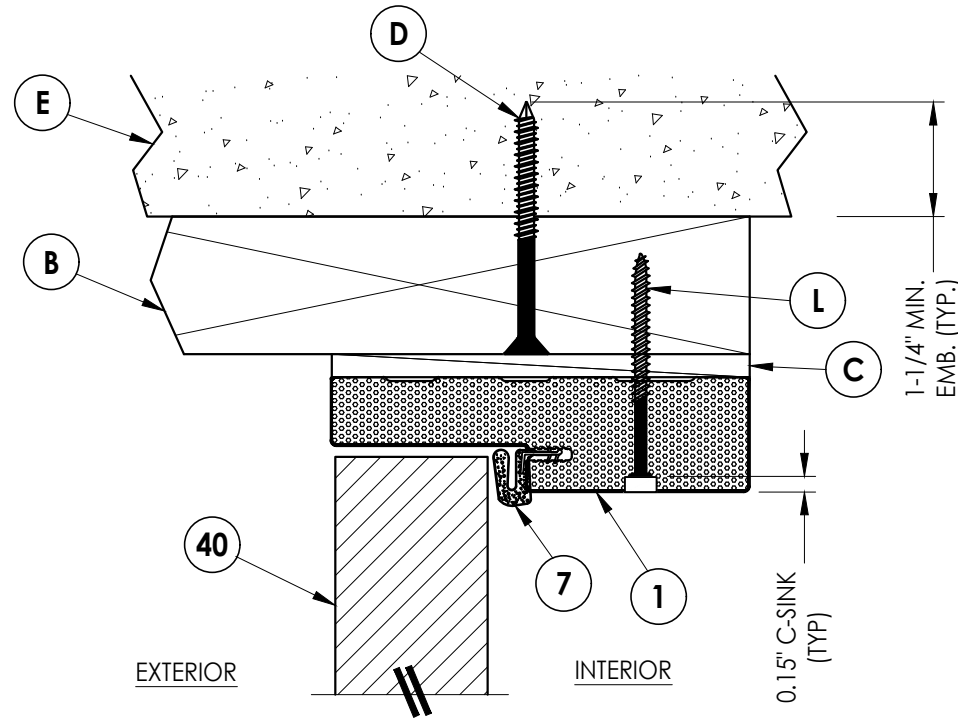


1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

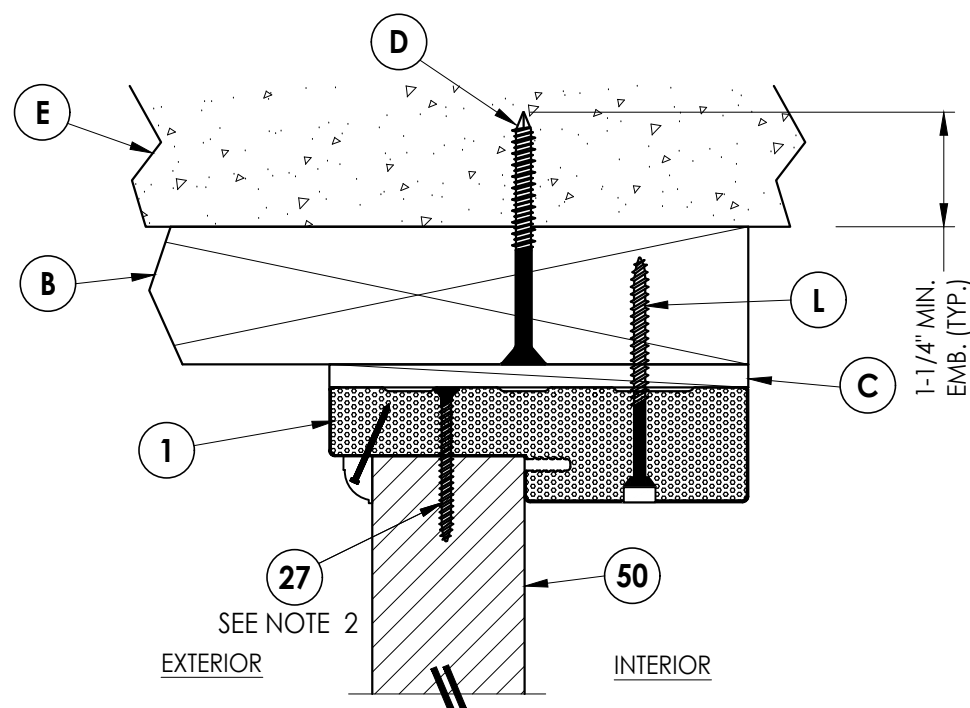
2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



3
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



5
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

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: STEVES & SONS
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 9/16/24

SCALE: N.T.S.

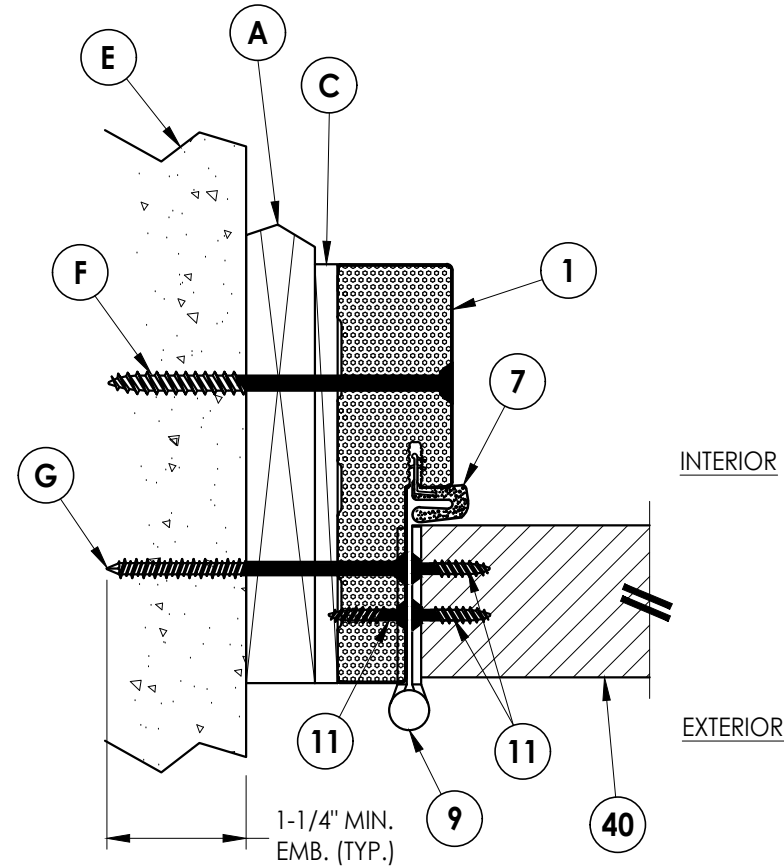
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CHK. BY: LFS

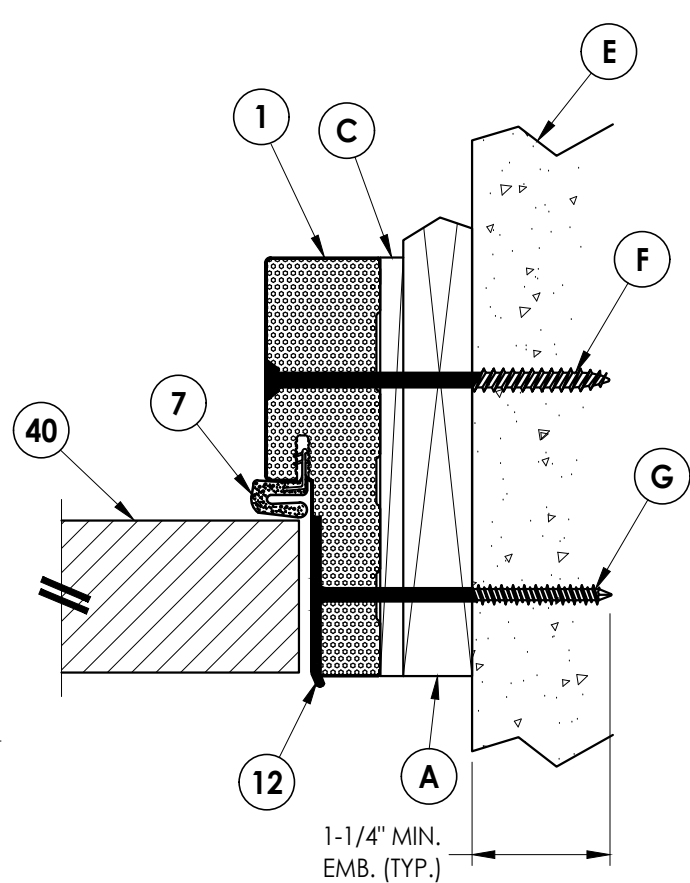
DRAWING NO.: FL-46720.3

SHEET 6 OF 12

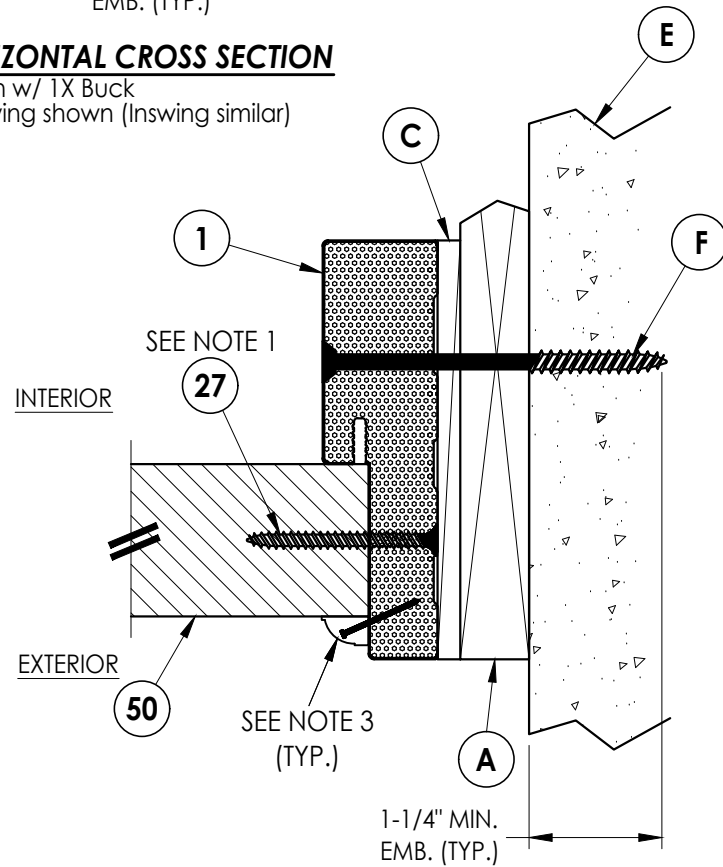
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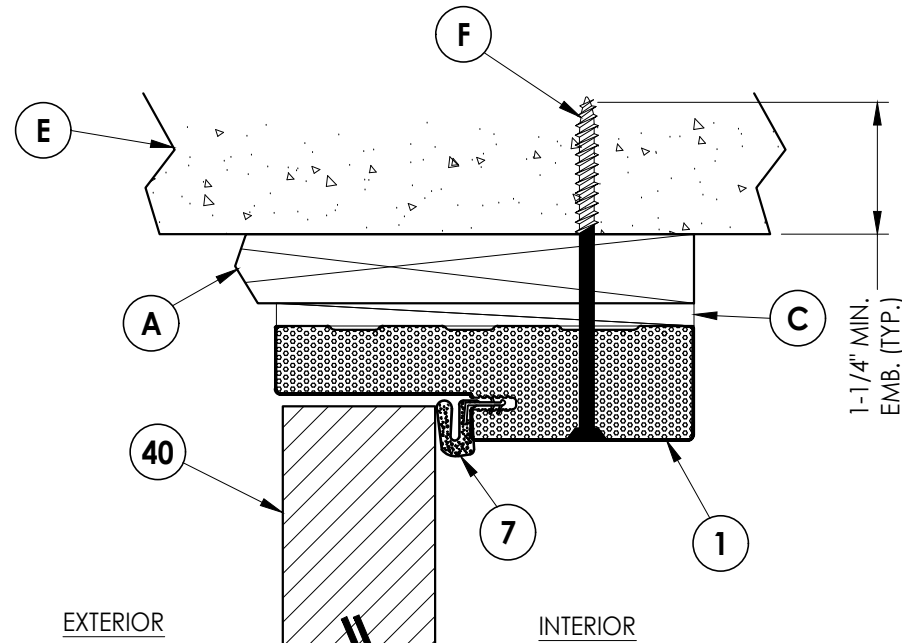
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



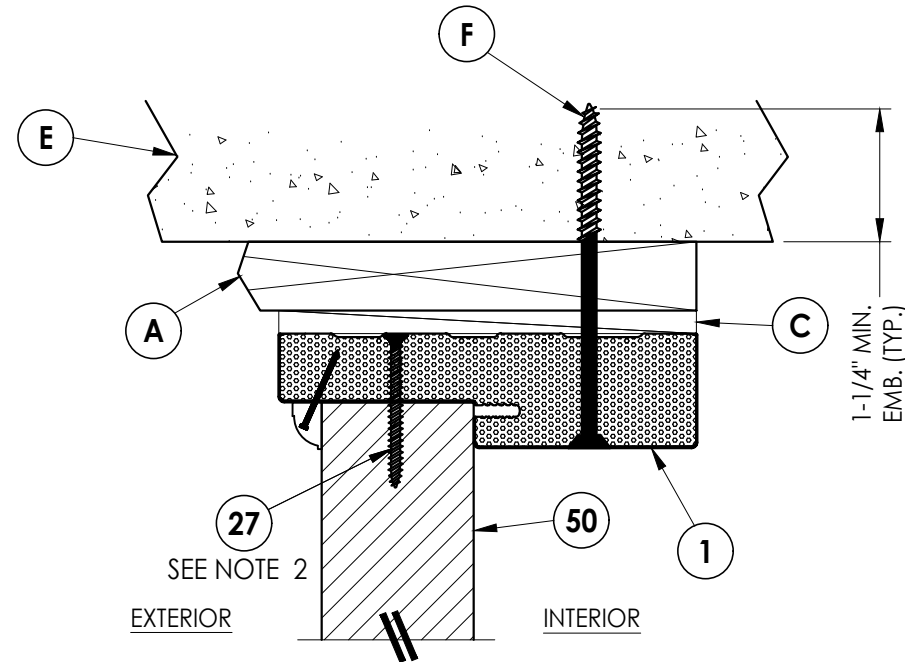
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



5
7 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)

NOTES:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced along jamb (8 total).
2. Sidelite assembly screws located 2" from each end (2 total).
3. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.

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: STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS	LFS	BY
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC		

DATE: 9/16/24

SCALE: N.T.S.

DWG. BY: RW

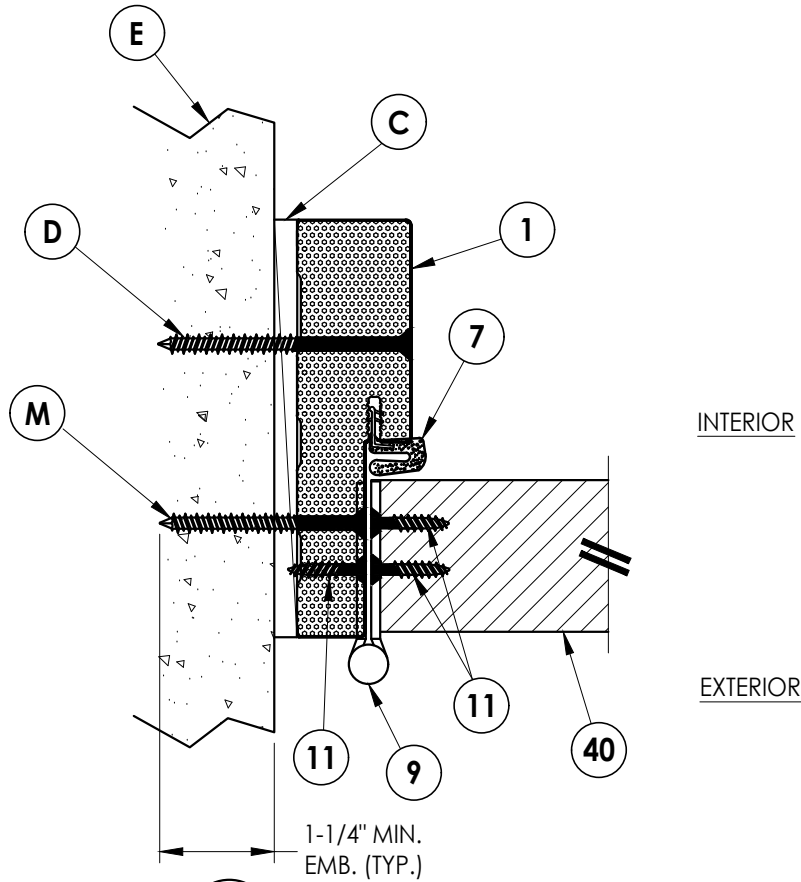
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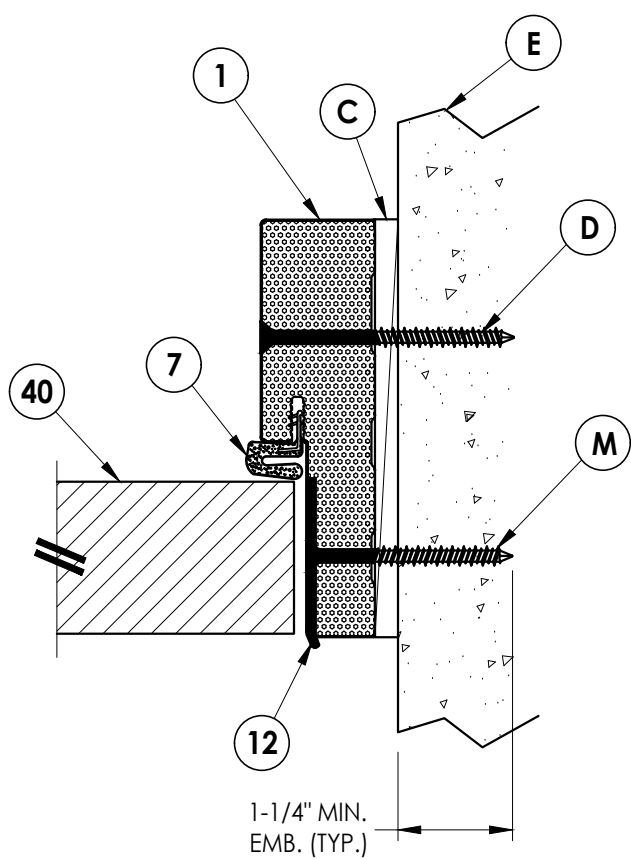
FL-46720.3

SHEET 7 OF 12

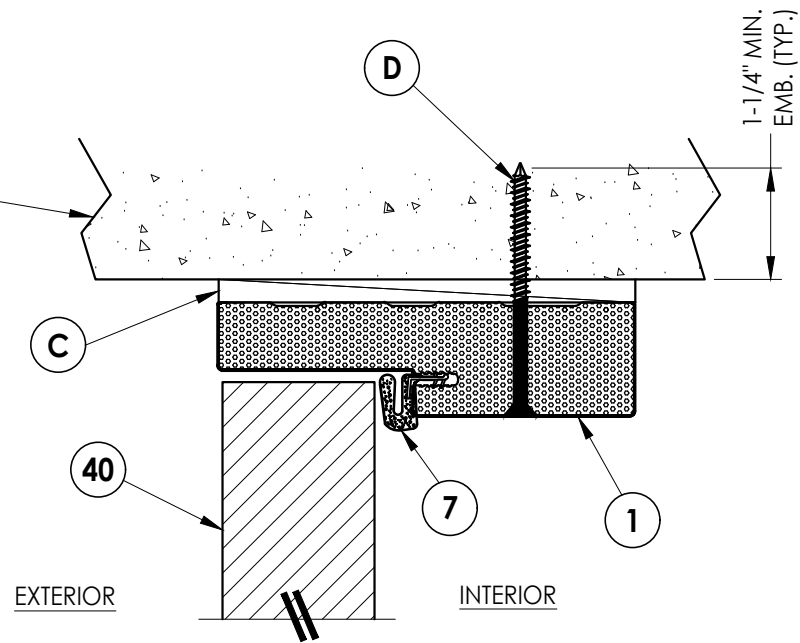
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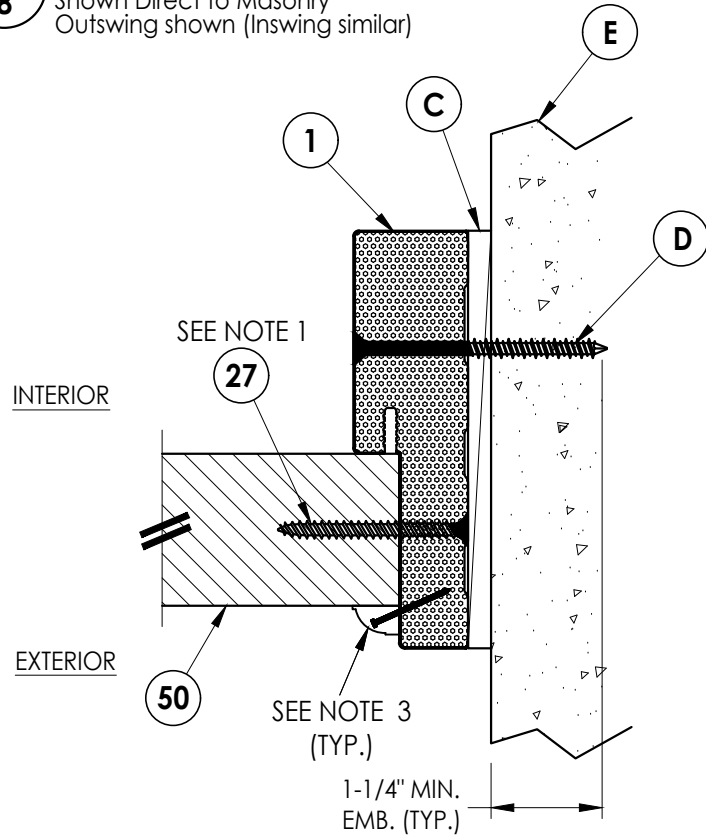
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



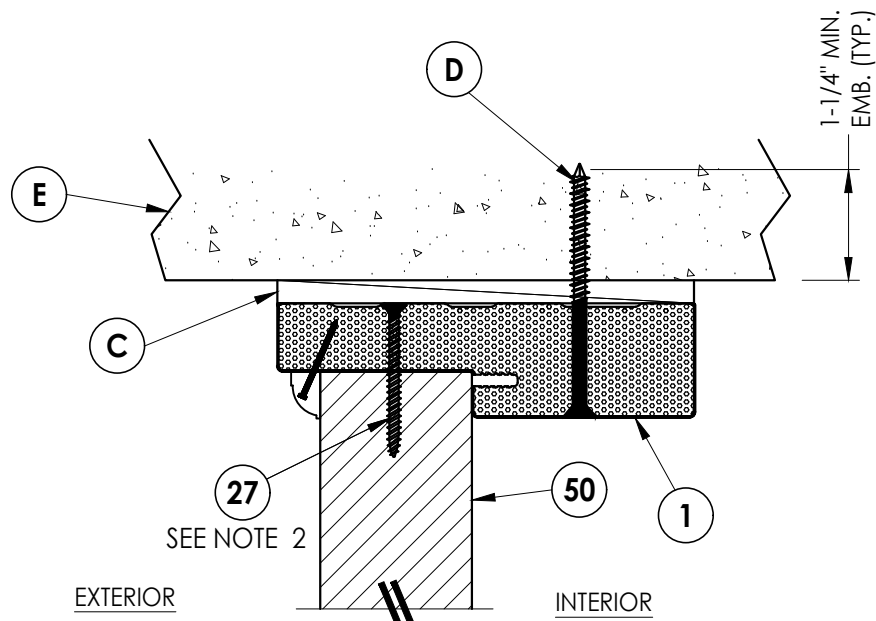
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

NOTES:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced along jamb (8 total).
2. Sidelite assembly screws located 2" from each end (2 total).
3. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.

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: STEVES & SONS
FIBERGLASS DOOR

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

REVISIONS		DATE	BY
1	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
NO.	DATE		

DATE: 9/16/24

SCALE: N.T.S.

DWG. BY: RW

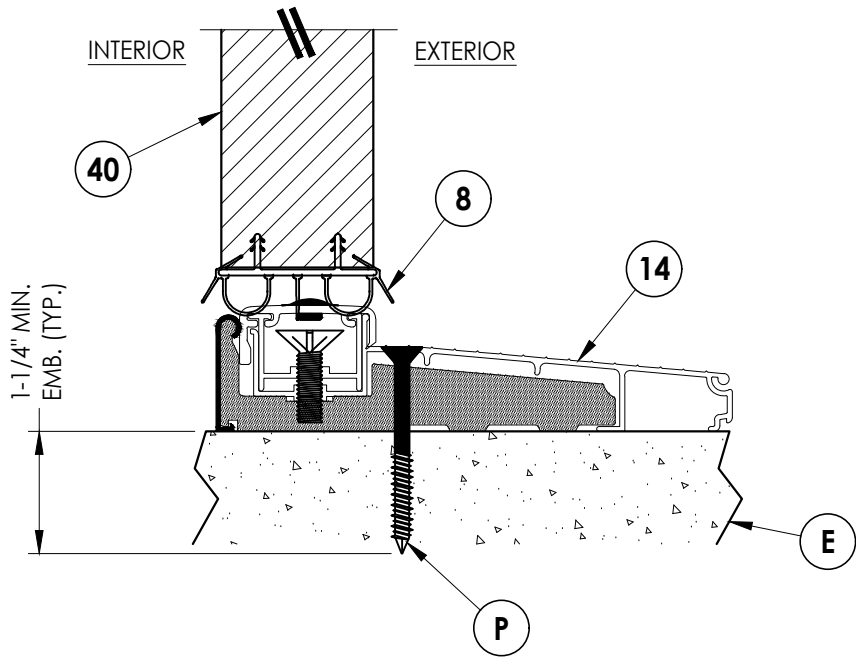
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DRAWING NO.:

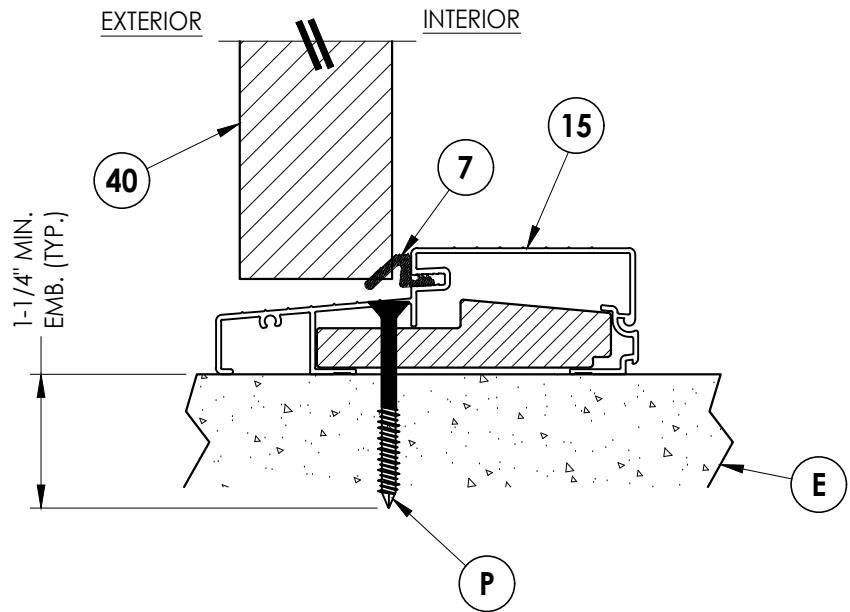
FL-46720.3

SHEET 8 OF 12

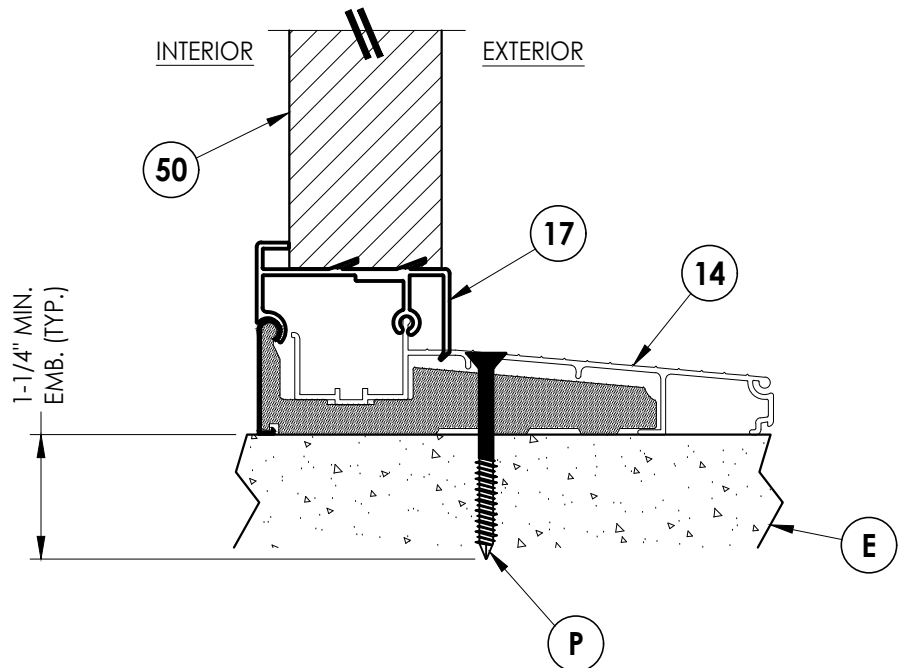
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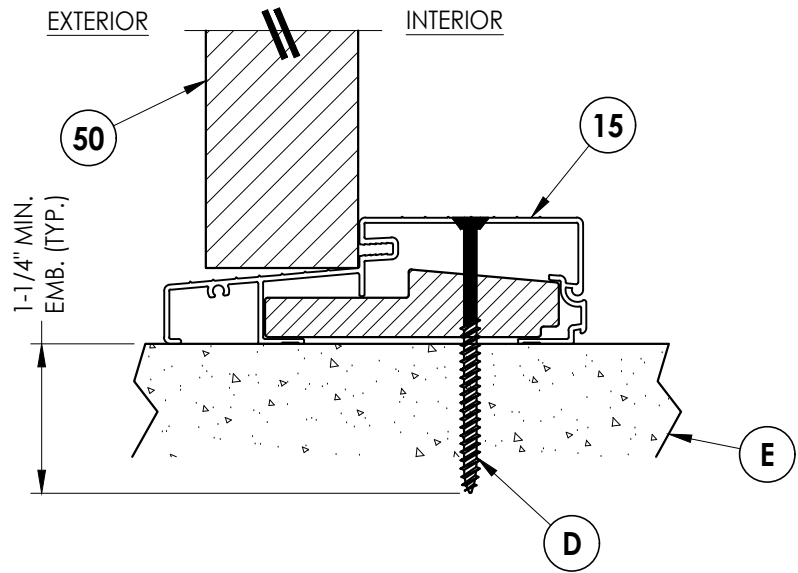
1 **VERTICAL CROSS SECTION**
9 Inswing Threshold



2 **VERTICAL CROSS SECTION**
9 Outswing Threshold



3 **VERTICAL CROSS SECTION**
9 Inswing Threshold



4 **VERTICAL CROSS SECTION**
9 Outswing Threshold

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:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 9/16/24

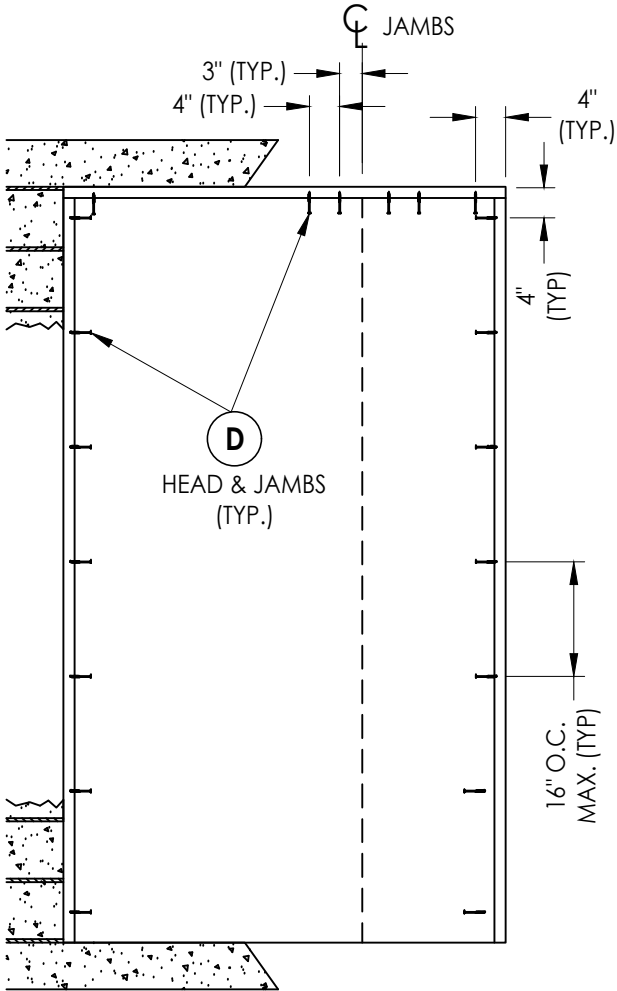
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DWG. BY: RW

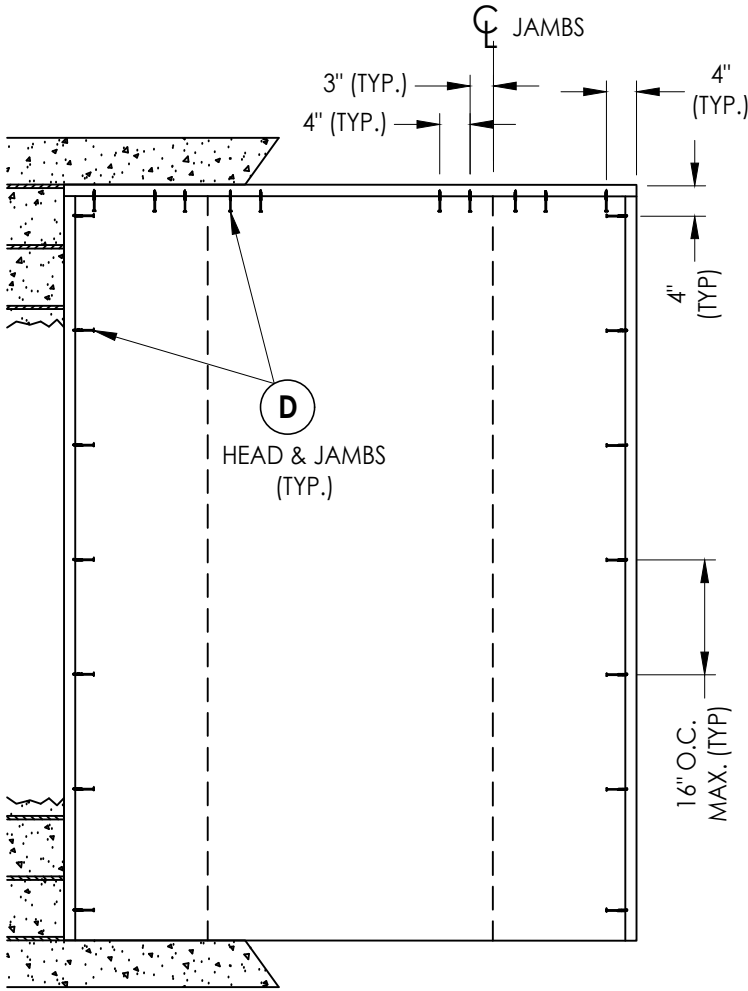
CHK. BY: LFS

DRAWING NO.: FL-46720.3

SHEET 9 OF 12



XO/OX



OXO

2X BUCK ANCHORING

DATE:	9/16/24
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-46720.3
SHEET	10 OF 12

NO.	DATE	DESCRIPTION
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

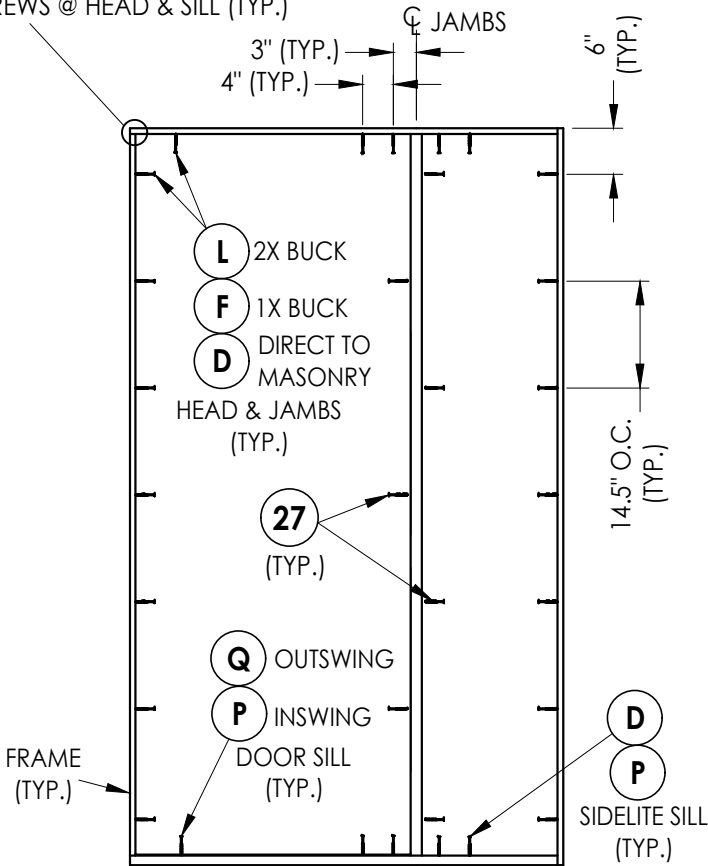
PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

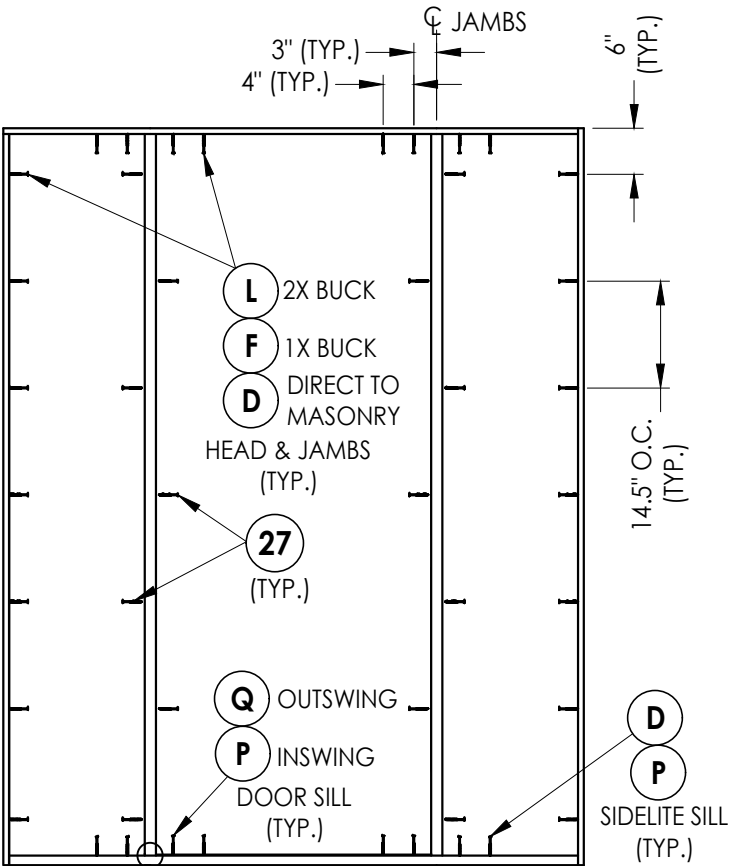
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Steves & Sons\FL-46720 R2\FL-46720.3.dwg

FRAME CORNERS ATTACHED w/ (3) 7/16" CROWN X
1-1/2" LONG 16 GA. STAPLES & (2) #7 X 1-5/8"
DRYWALL SCREWS @ HEAD & SILL (TYP.)



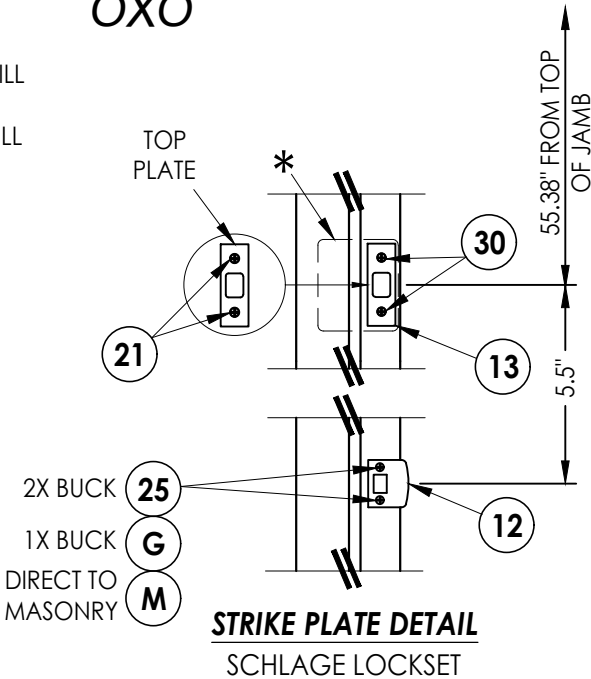
XO, OX



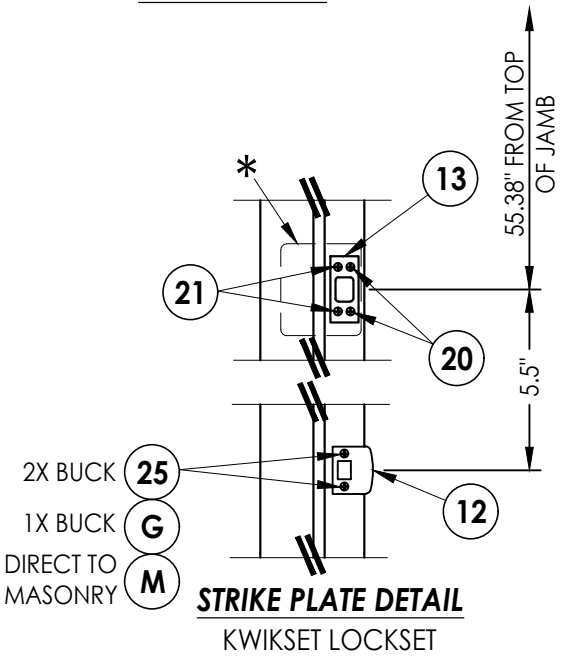
OXO

INTEGRAL MULLION ATTACHED TO HEAD & SILL
(TYP.) w/ #9 X 2-1/2" DEEP THREAD WOOD
SCREWS AS FOLLOWS: (3) @ HEAD & (3) @ SILL

FRAME ANCHORING



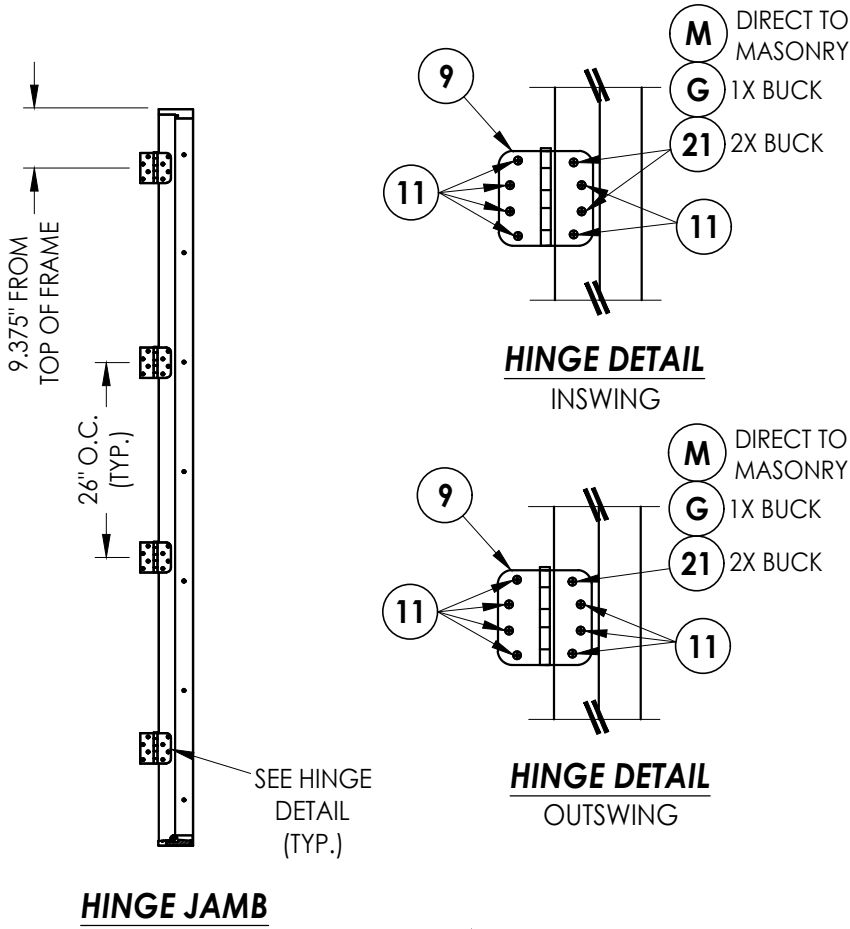
STRIKE PLATE DETAIL
SCHLAGE LOCKSET



STRIKE PLATE DETAIL
KWIKSET LOCKSET

*4" X 4" 20 GA. STEEL PLATE ATTACHED TO
BACK OF JAMB w/ (2) 3/8" T50 STAPLES
(CENTER-HINGED OX/XO ONLY)

HARDWARE DETAILS



HINGE DETAIL
INSWING

HINGE DETAIL
OUTSWING

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:										PART OR ASSEMBLY:									
STEVES & SONS FIBERGLASS DOOR										FRAME ANCHORING & HARDWARE DETAILS									
DATE: 9/16/24										UPDATE TO 9TH ED. (2026) FBC									
SCALE: N.T.S.										LFS									
DWG. BY: RW										BY									
CHK. BY: LFS										REVISIONS									
DRAWING NO.: FL-46720.3																			
SHEET 11 OF 12																			

