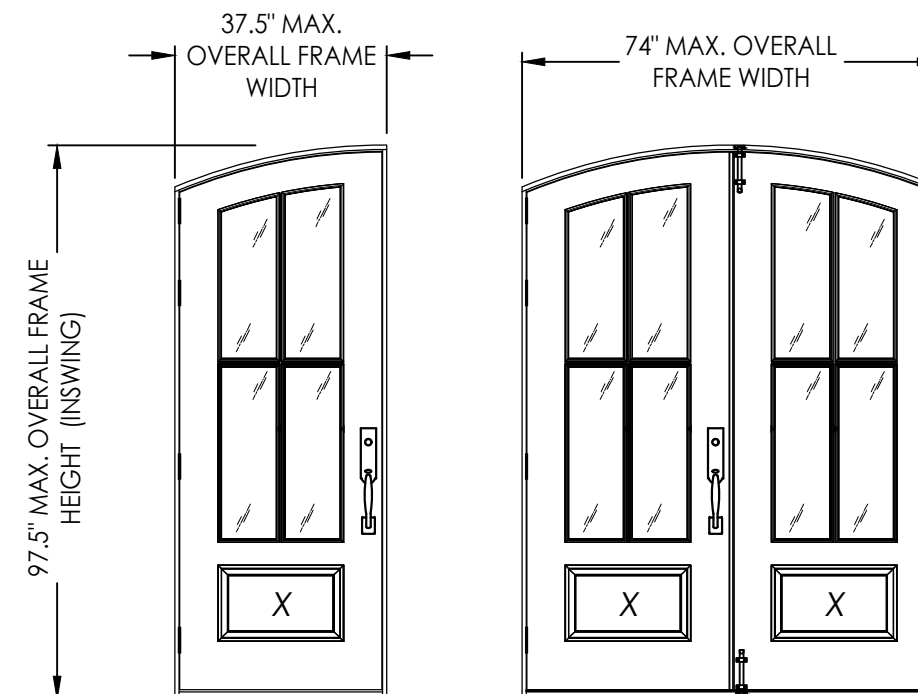




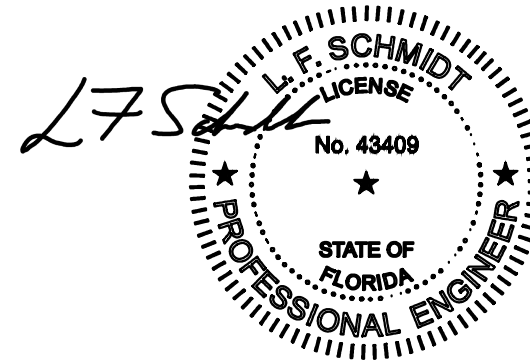
**INSWING
"NON-IMPACT"**

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 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.

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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.5" x 97.0"	+50.0	-55.0
XX	74.0" x 97.0"	+50.0	-55.0



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.07
09:14:31 -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 333
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: STEVES & SONS
FIBERGLASS DOOR

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

[illegible]

DATE: 10/08/25

SCALE: *N.T.S.*

DWG. BY: *RW*

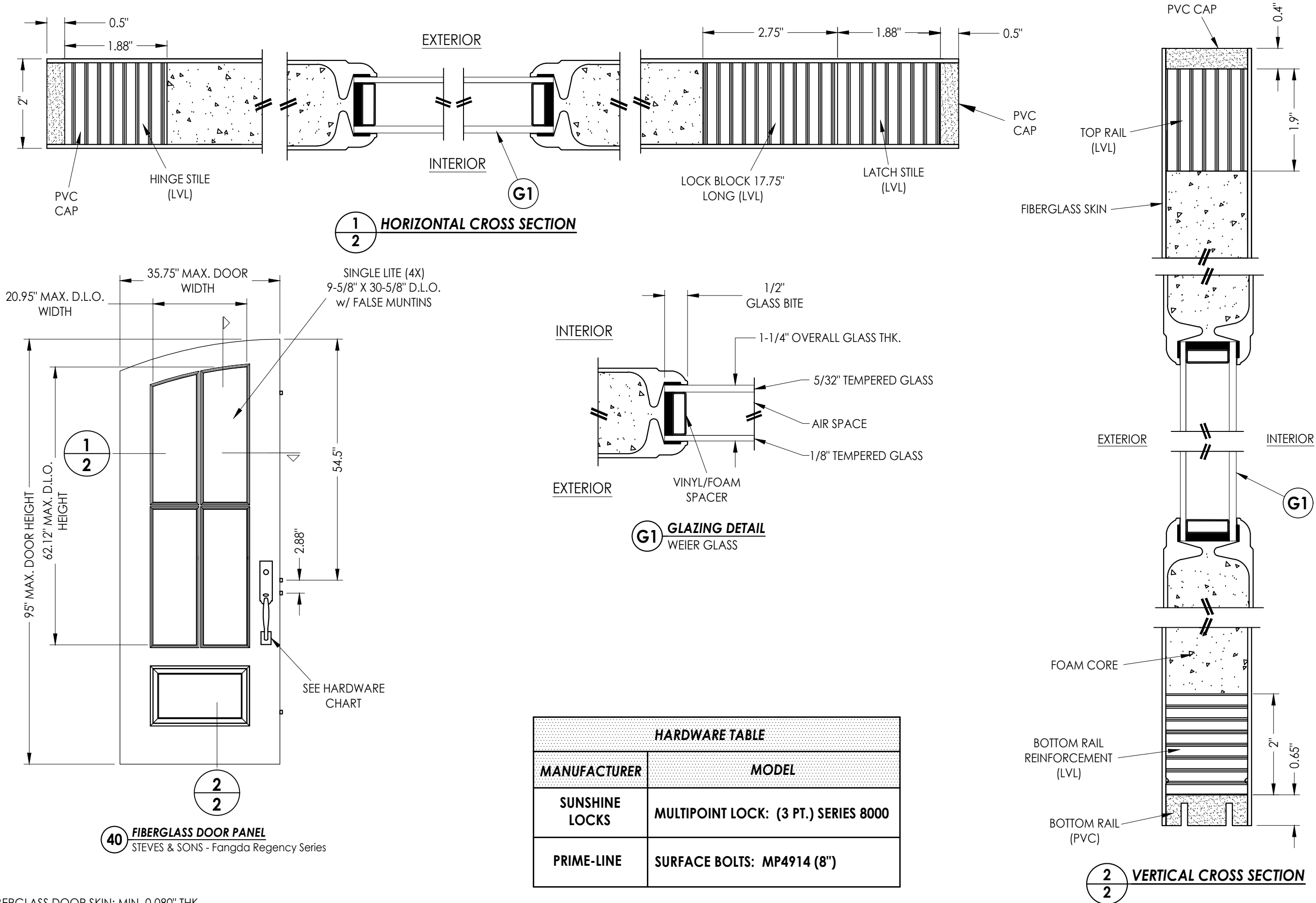
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DRAWING NO.:

FL-46124.1

SHEET 1 OF 9

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

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

DATE: 10/08/25

SCALE: N.T.S.

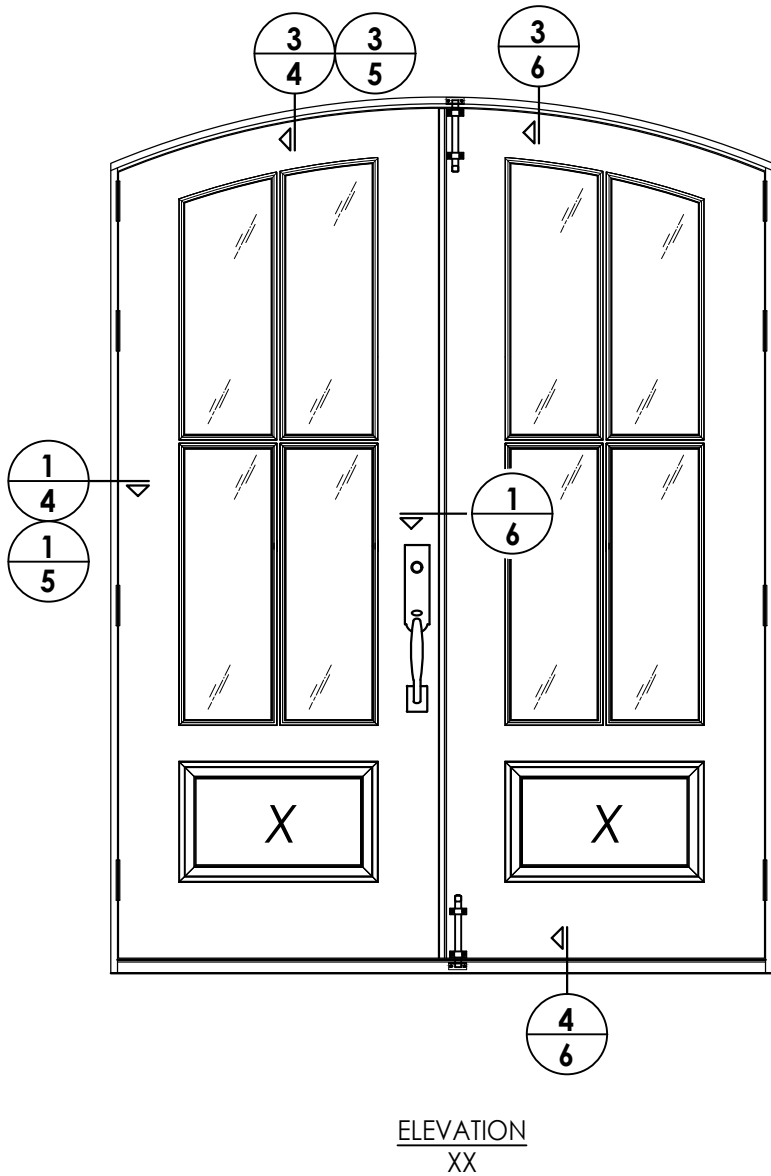
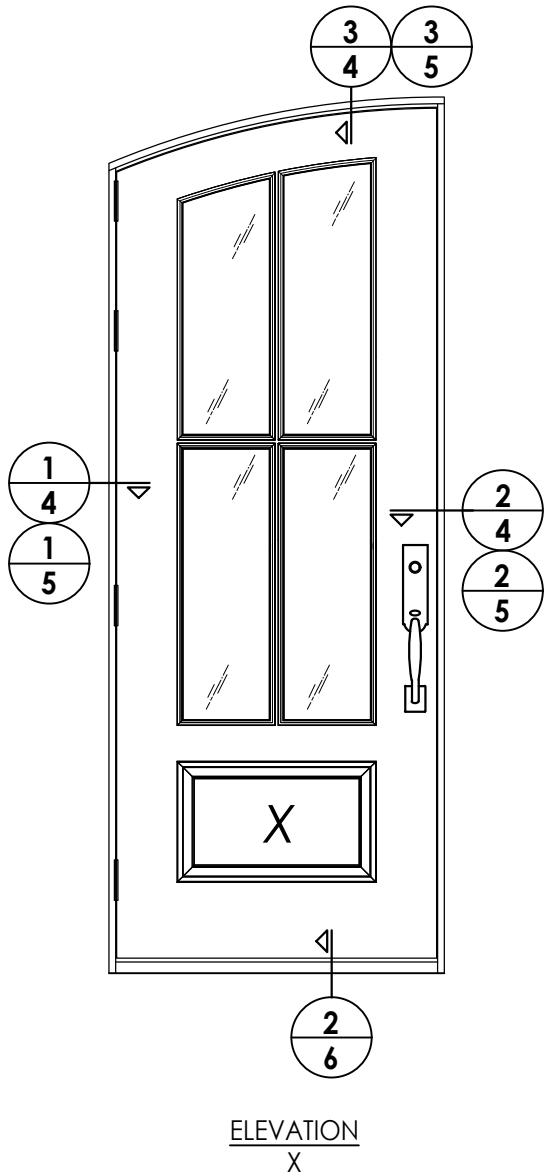
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CHK. BY: LFS

DRAWING NO.: FL-46124.1

SHEET 2 OF 9

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DATE: 10/08/25
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-46124.1
SHEET 3 OF 9

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

REVISIONS

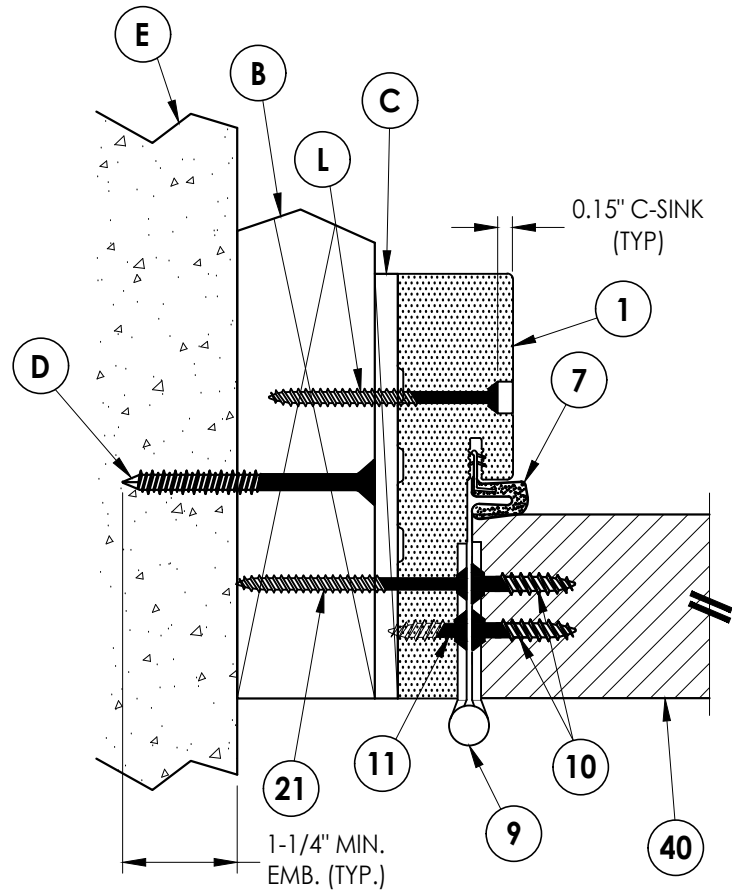
PRODUCT:
STEVE'S & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

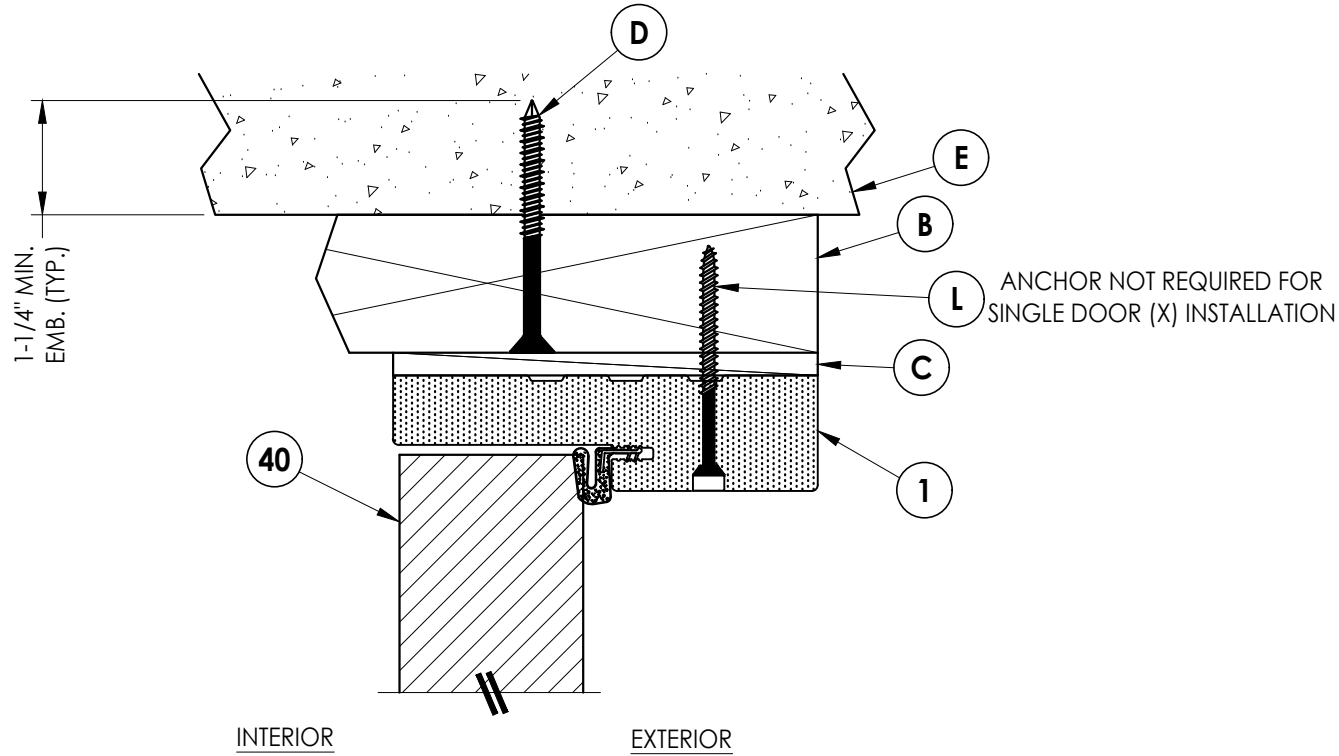
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

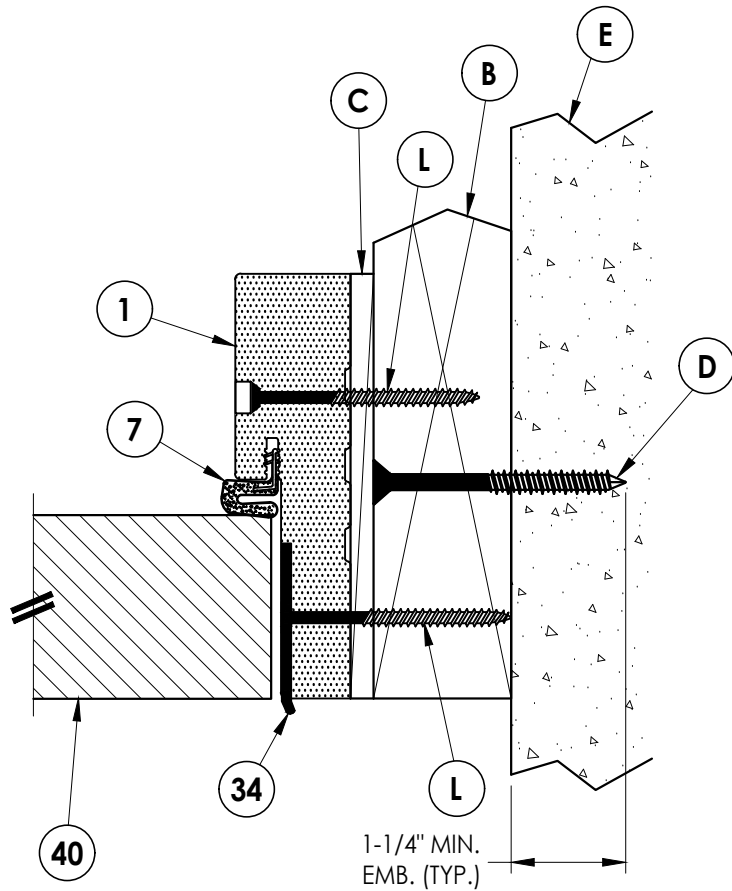
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1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing



3
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing

DATE: 10/08/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-46124.1

SHEET 4 OF 9

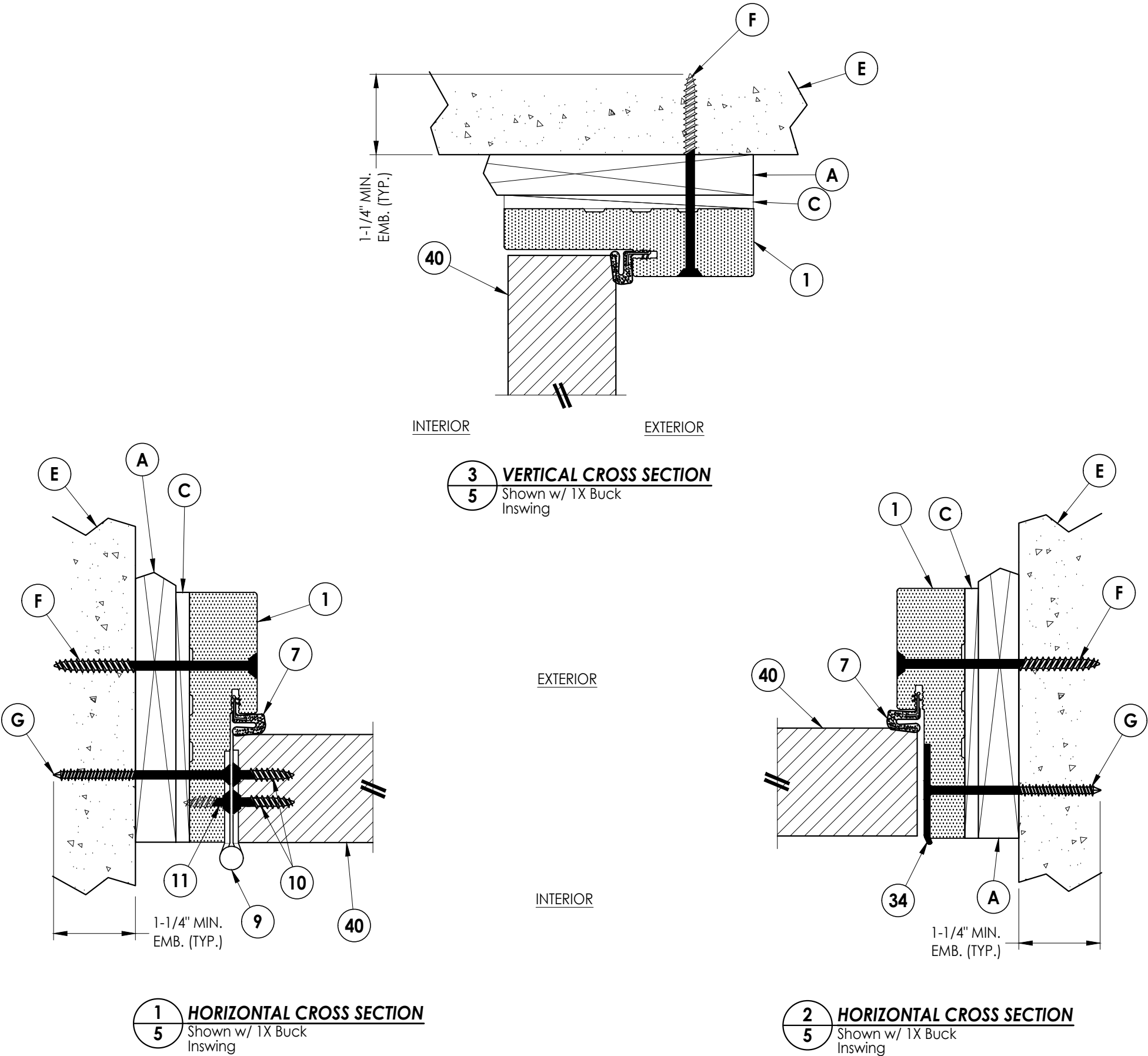
PRODUCT: STEVES & SONS
FIBERGLASS DOOR

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

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
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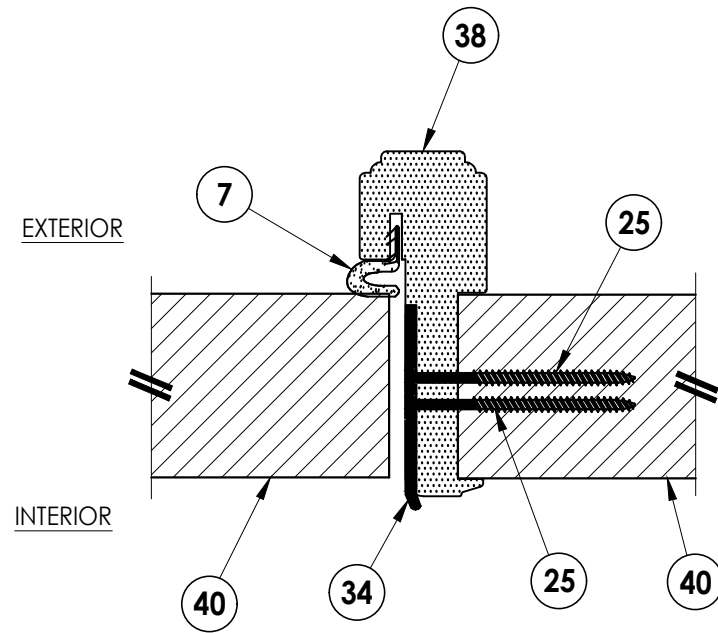
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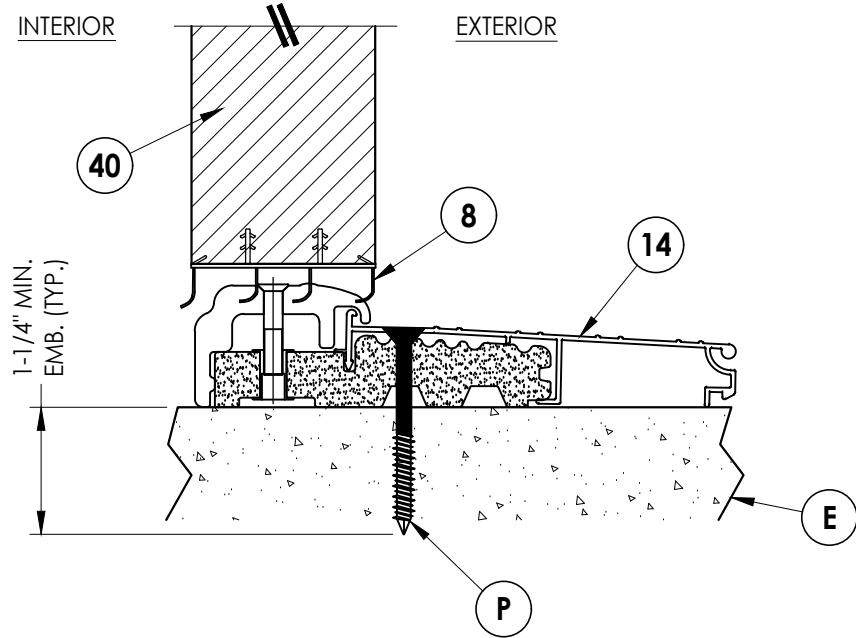
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SCALE:	N.T.S.	
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CHK. BY:	LFS	
DRAWING NO.:	FL-46124.1	
SHEET	5	OF 9

PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

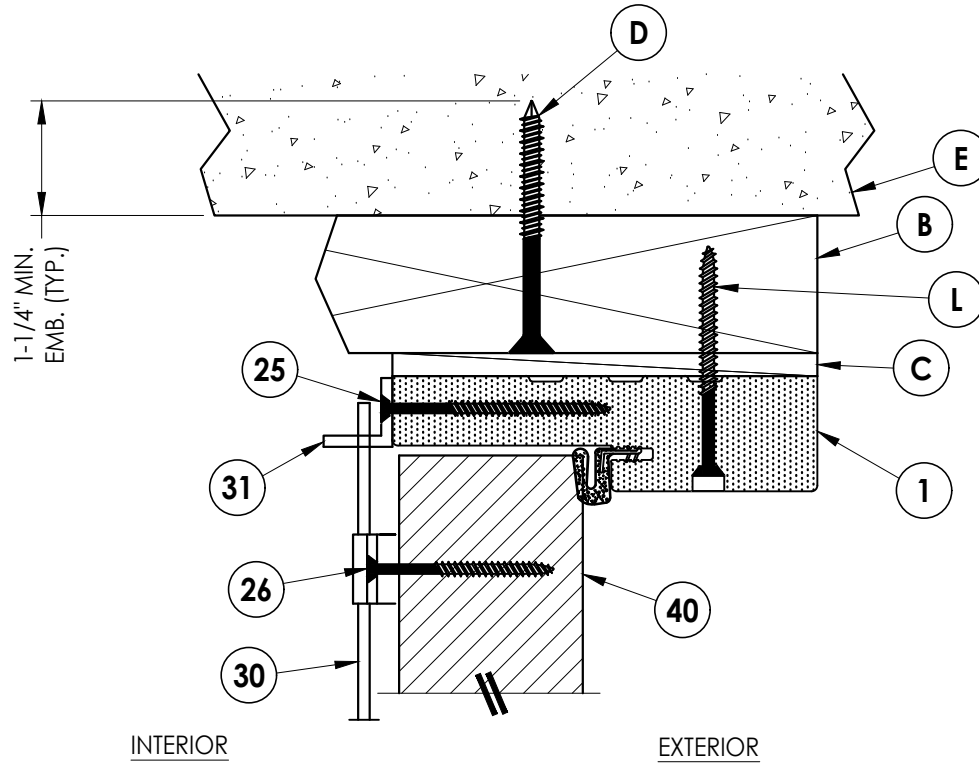
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
RW	BUILDING CONSULTANTS, INC.
	P.O. Box 230, Valrico, FL 33595
	Phone No.: 813.659.9197 FBPE Registry No. 9813



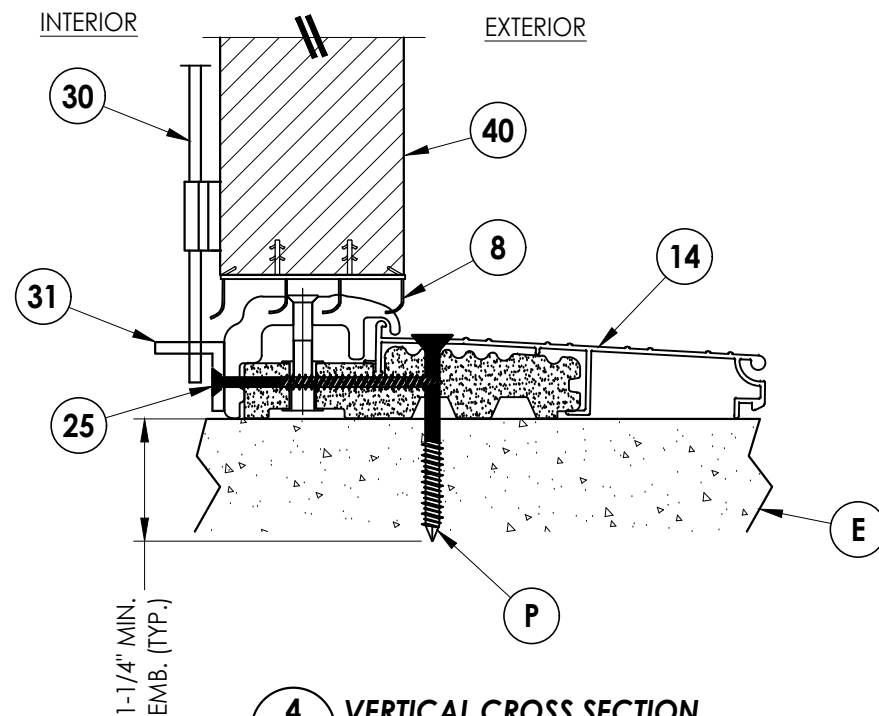
1
6 **HORIZONTAL CROSS SECTION**
Inswing



2
6 **VERTICAL CROSS SECTION**
Inswing Threshold



3
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing



4
6 **VERTICAL CROSS SECTION**
Inswing Threshold

Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

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

DATE: 10/08/25

SCALE: N.T.S.

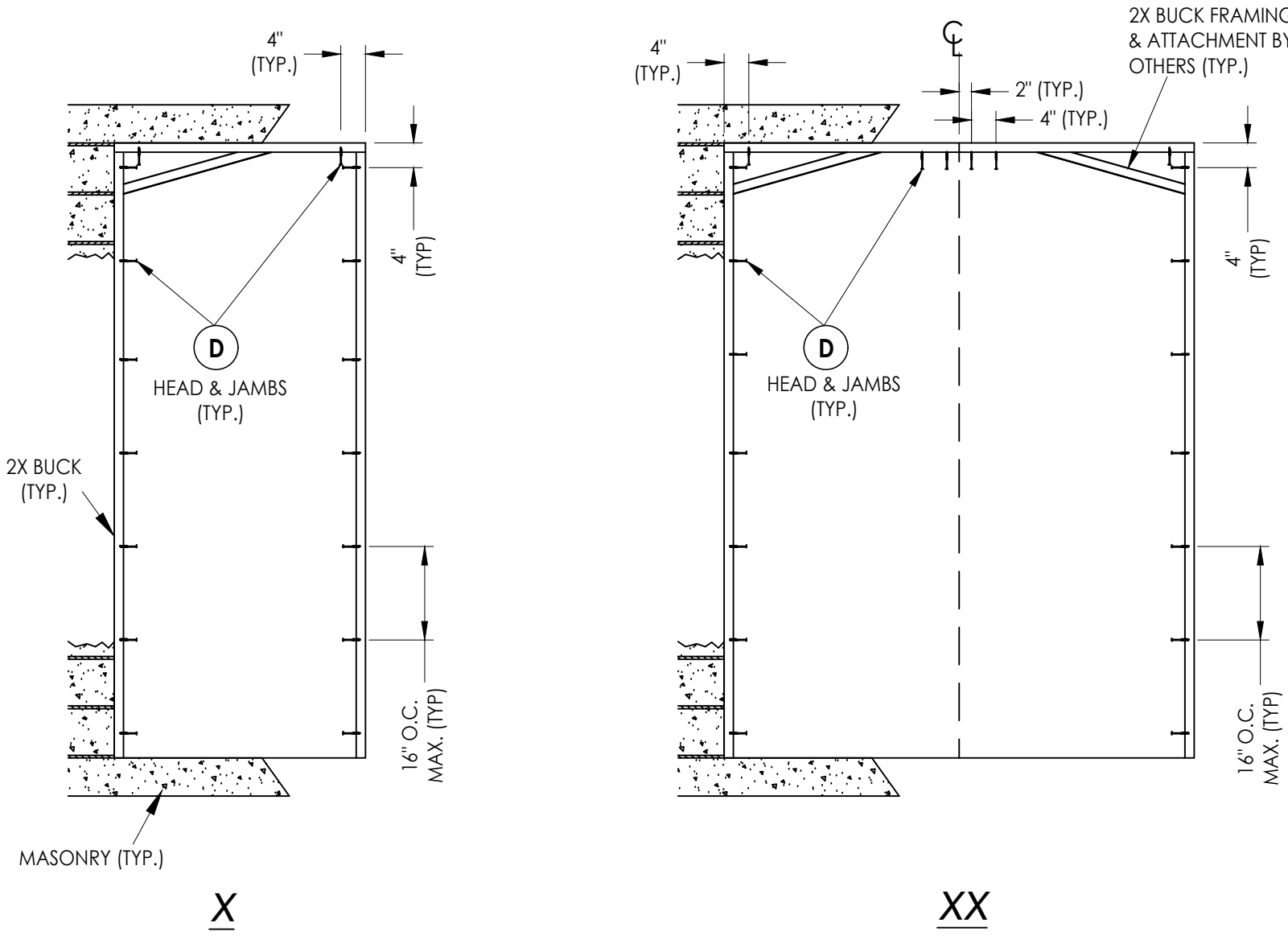
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CHK. BY: LFS

DRAWING NO.:
FL-46124.1

SHEET 6 OF 9

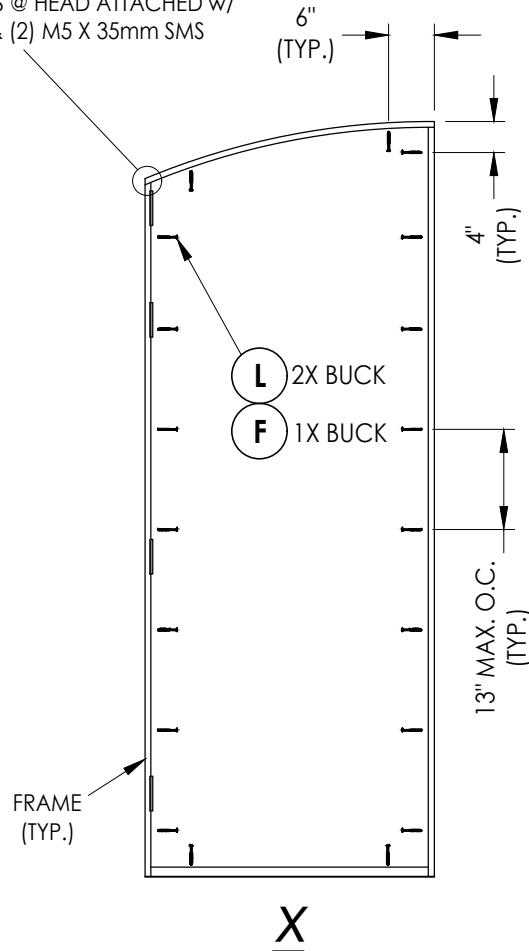
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2X BUCK ANCHORING

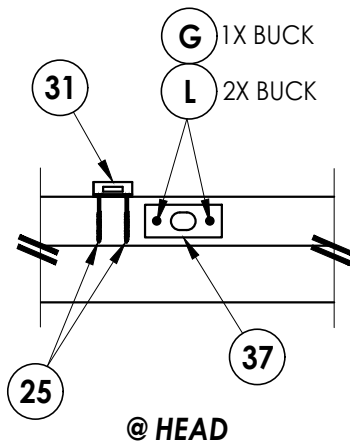
DATE: 10/08/25				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: RW					
CHK. BY: LFS				PRODUCT: STEVES & SONS FIBERGLASS DOOR	
DRAWING NO.: FL-46124.1				PART OR ASSEMBLY: BUCK ANCHORING	
SHEET 7 OF 9		REVISIONS			
1	7/02/26	UPDATE TO 9TH ED. (2026)		FBC	LFS
NO.	DATE				BY

FRAME CORNERS @ HEAD ATTACHED w/
(3) M5 X 50mm & (2) M5 X 35mm SMS
(TYP.)

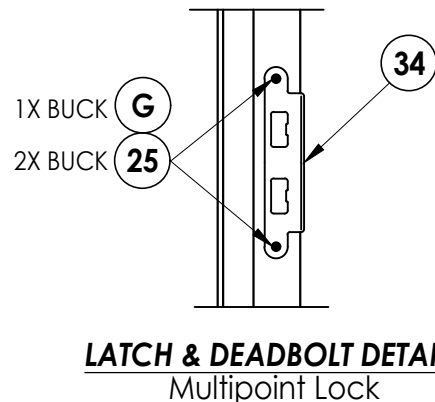
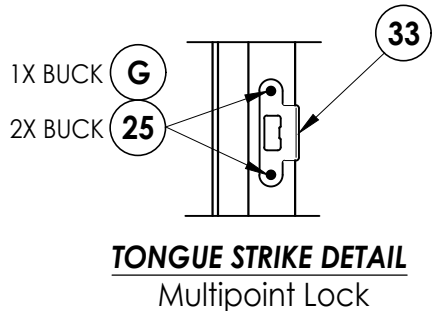
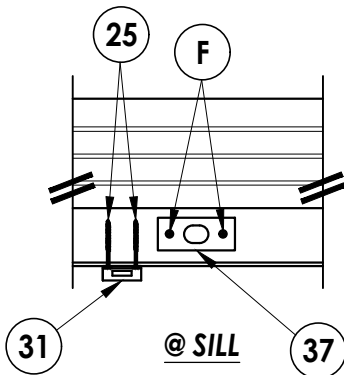


FRAME CORNERS @ SILL ATTACHED
w/ (2) M5 X 50mm SMS (TYP.)

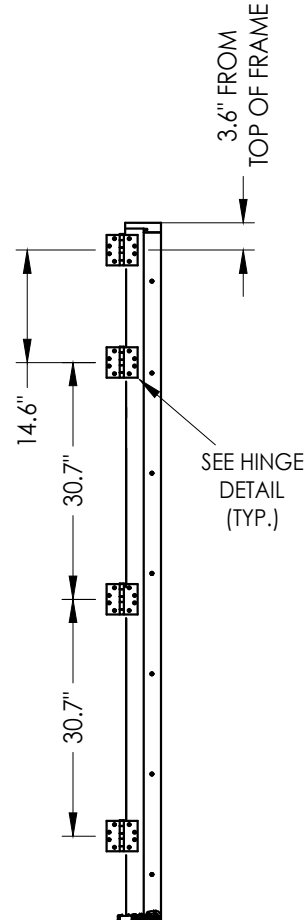
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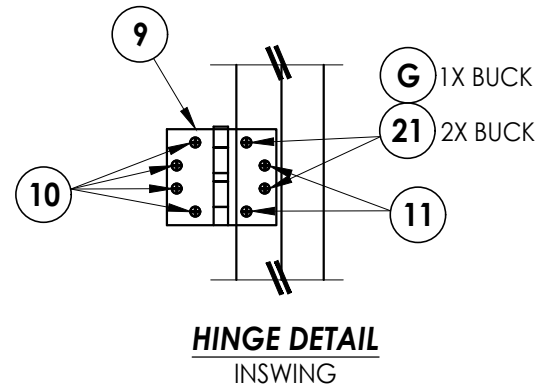
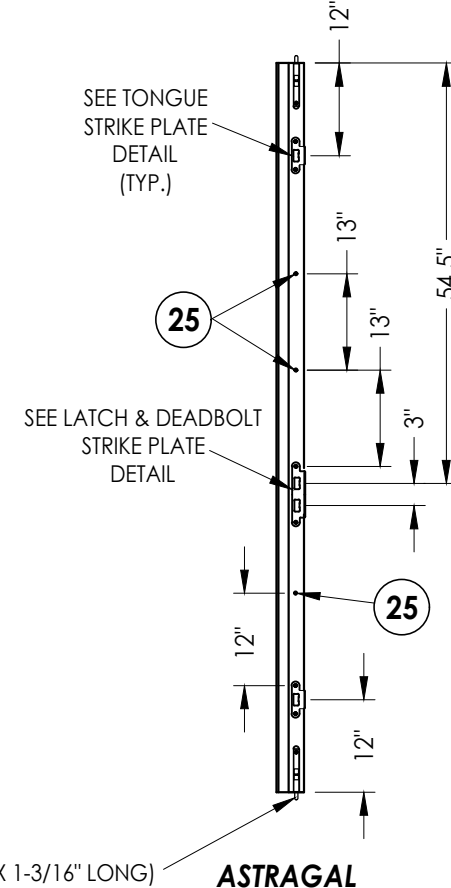
ASTRAGAL/SURFACE BOLT STRIKE PLATE DETAILS



HARDWARE DETAILS



SLIDE BOLT (15/32" Ø X 1-3/16" LONG)
ATTACHED w/ (1) #8 X 2-1/2"
WOOD SCREW ON THE FACE PLUS (1) #8
X 1-1/2" WOOD SCREW AT THE END
(TYPICAL @ HEAD & SILL)



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

PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

DATE: 10/08/25
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-46124.1
SHEET 8 OF 9

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

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
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4-1/2" X 4-1/2" HINGE	STEEL
10	#12 X 1-1/4" PFH WOOD SCREW	STEEL
11	#12 X 3/4" PFH WOOD SCREW	STEEL
14	INSWING THRESHOLD	ALUM/COMP
21	#12 X 2-1/2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 2" PH SMS	STEEL
30	8" SURFACE BOLTS (0.75" WIDE X 0.23" THICK STEEL)	STEEL
31	SURFACE BOLT STRIKE PLATE (INSWING)	STEEL
33	MULTIPOINT TONGUE STRIKE PLATE	STEEL
34	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
37	ASTRAGAL STRIKE PLATE	STEEL
38	PVC ASTRAGAL	PVC
40	DOOR PANEL	-



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"

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]

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