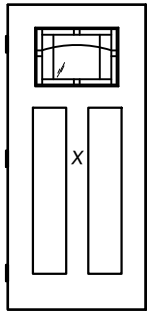


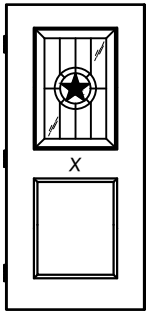


STEVES AND SONS

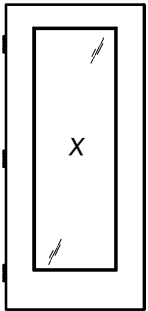
203 Humble Ave.
San Antonio, TX 78225



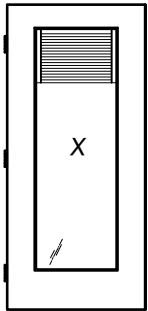
1/4 LITE



1/2 LITE



FULL LITE



FULL LITE
w/ MICROBLINDS

LEGACY DECORATIVE & MICROBLIND COLLECTION

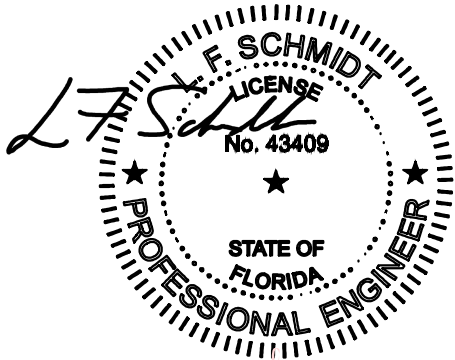
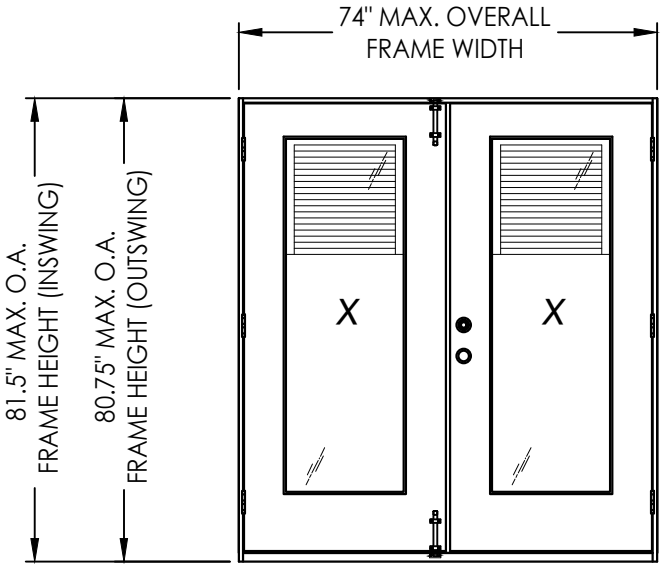
DIRECT GLAZED FIBERGLASS DOOR
DOUBLE

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 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 (1X Buck)
2	Door Panel Details	7	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Panel Options	8	Vertical Cross Sections
4	Elevations	9	Buck & Frame Anchoring & Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)	10	Bill of Materials & Components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.07 14:19:26 -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

CONFIGURATION	MAX. FRAME DIMENSION	SURFACE BOLTS REQUIRED	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 81.5"	NO	+35.0	-35.0	+35.0	-35.0
		YES	+45.0	-45.0	+45.0	-45.0

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

STEVES & SONS
FIBERGLASS DOOR

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

27/02/26
7/02/26

8/02/23

DATE

NO.

BY

REVISIONS

DATE: 4/20/22

SCALE: N.T.S.

DWG. BY: RW

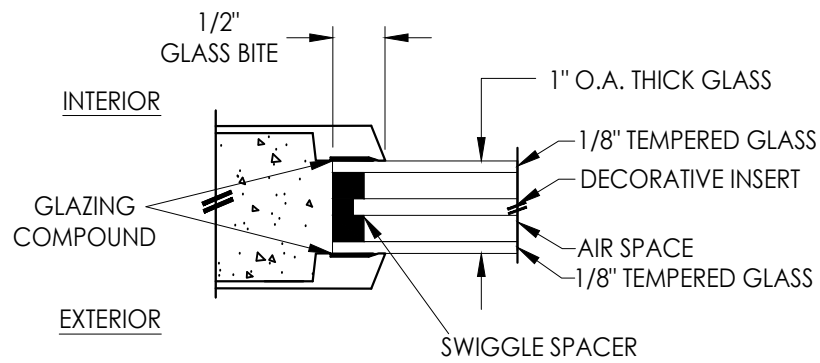
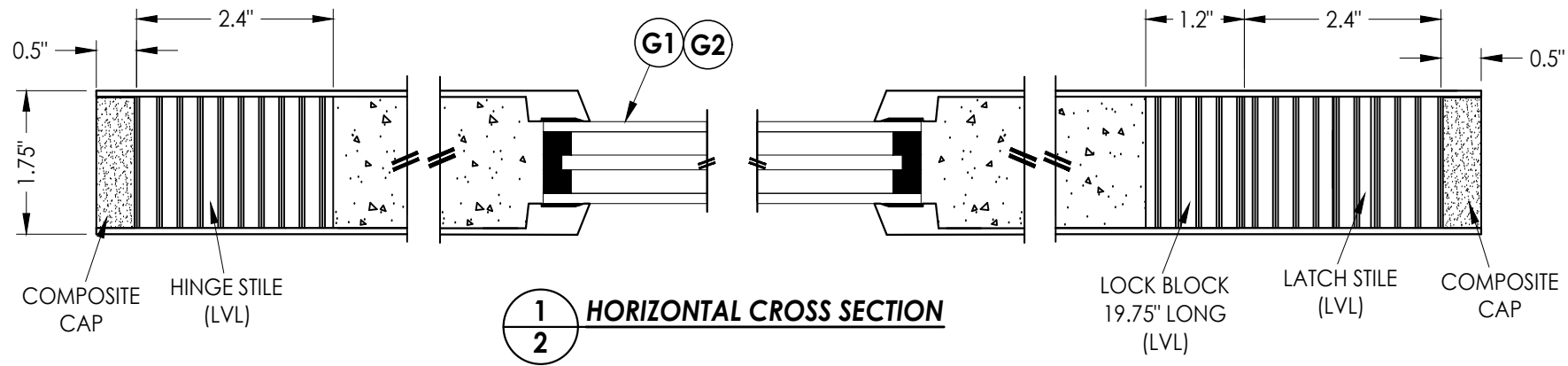
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DRAWING NO.:
FL-41479.5

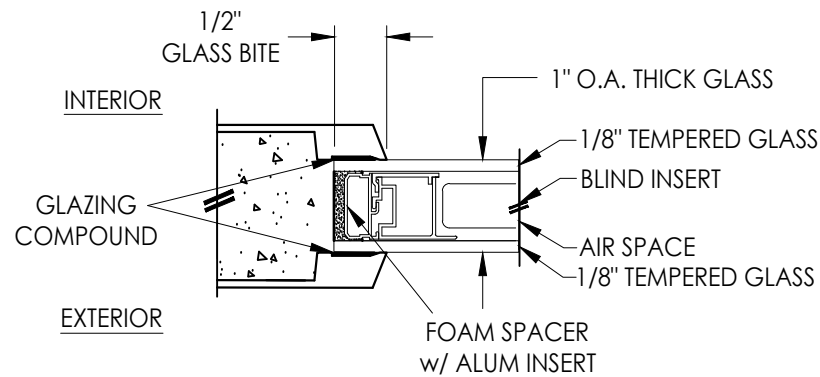
SHEET 1 OF 10

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-41479 R1\FL-41479.5.dwg

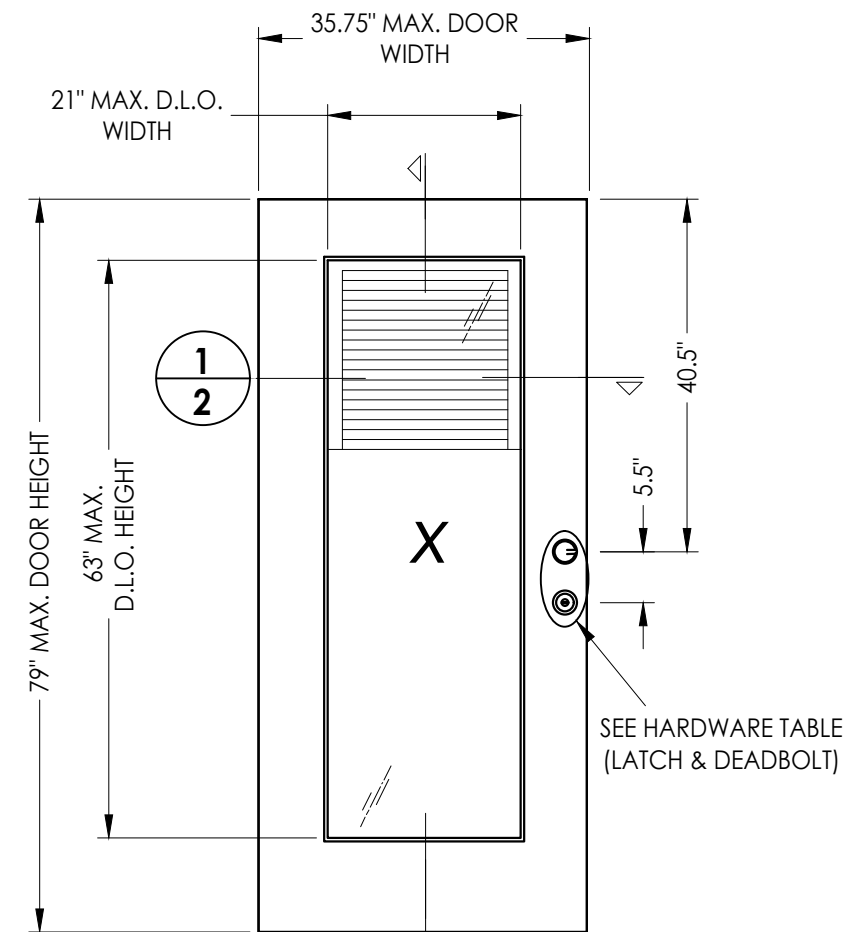


G1 GLAZING DETAIL
DECORATIVE GLASS



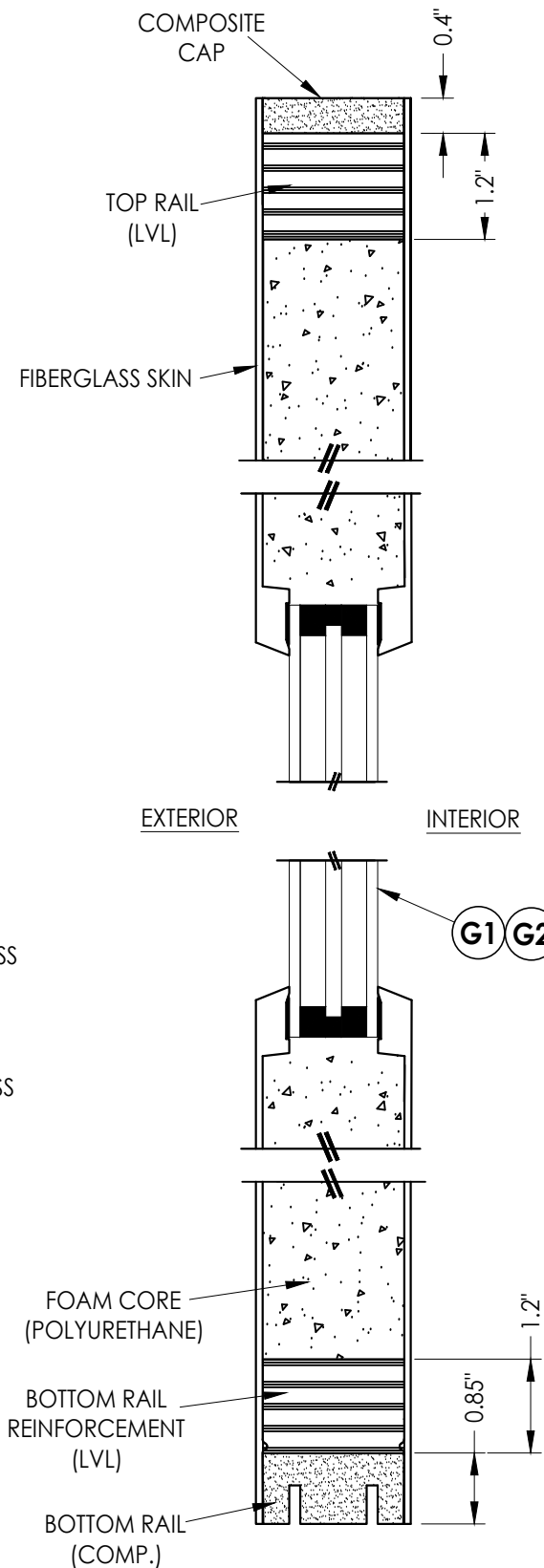
G2 GLAZING DETAIL
w/ MICROBLINDS

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



40 FIBERGLASS DOOR PANEL

FIBERGLASS DOOR SKIN: MIN. 0.08" THK.
CORE MATERIAL: POLYURETHANE FOAM



2 VERTICAL CROSS SECTION

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:

DOOR
PANEL DETAILS

NO.	DATE	REVISIONS		
		BY	DATE	DESCRIPTION
2	7/02/26	LFS	(2026)	UPDATE TO 9TH ED.
1	8/02/23	LFS	(2023)	UPDATE TO 8TH ED.

DATE: 4/20/22

SCALE: N.T.S.

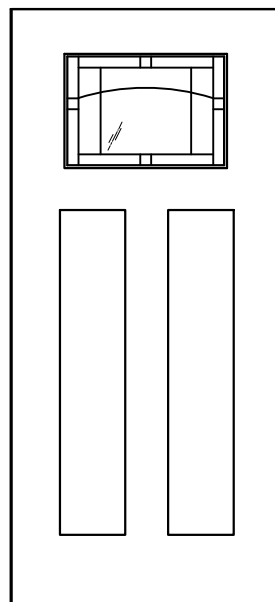
DWG. BY: RW

CHK. BY: LFS

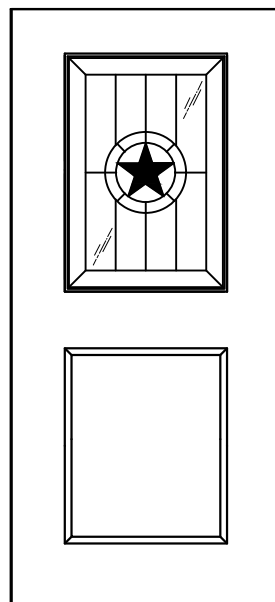
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FL-41479.5

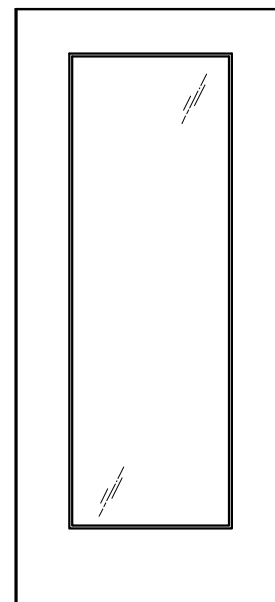
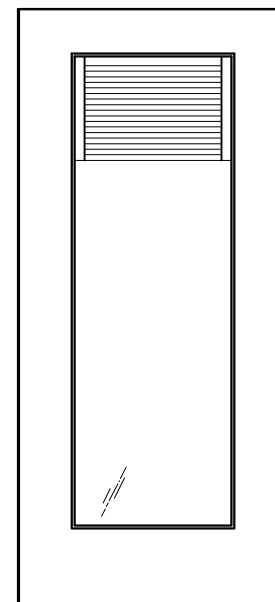
SHEET 2 OF 10



1/4 LITE



1/2 LITE

**FULL LITE**

**FULL LITE
w/
MICROBLINDS**

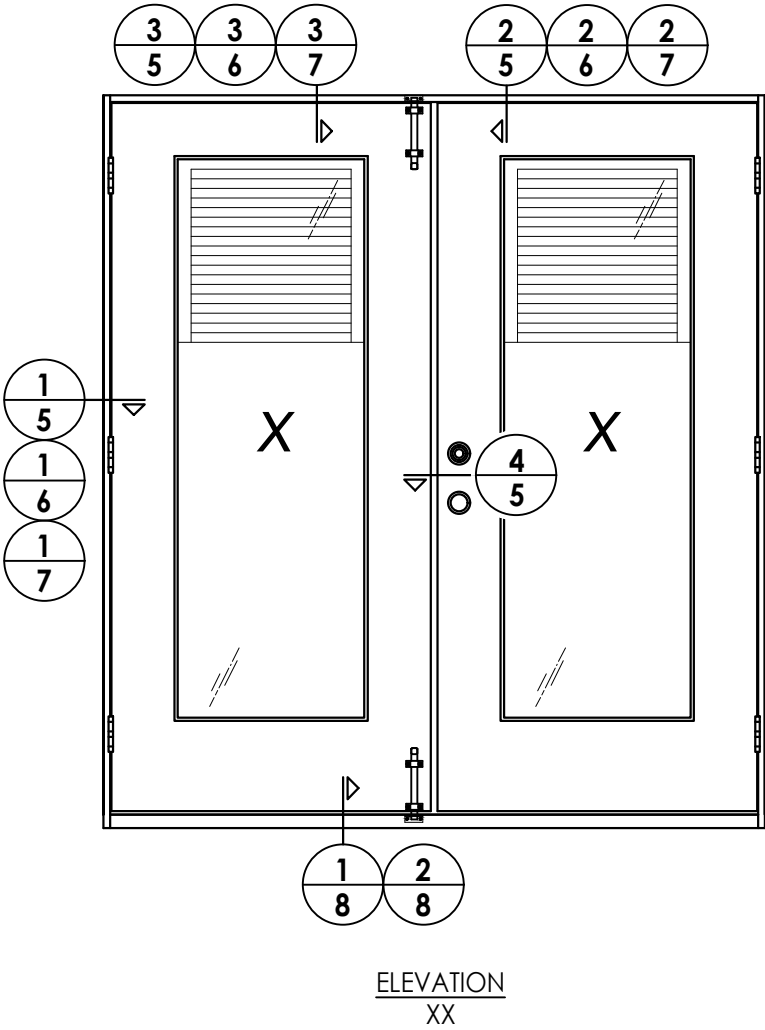
LEGACY DECORATIVE & MICROBLIND COLLECTION

[illegible]

PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	PANEL OPTIONS

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

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DATE: 4/20/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41479.5
SHEET 4 OF 10

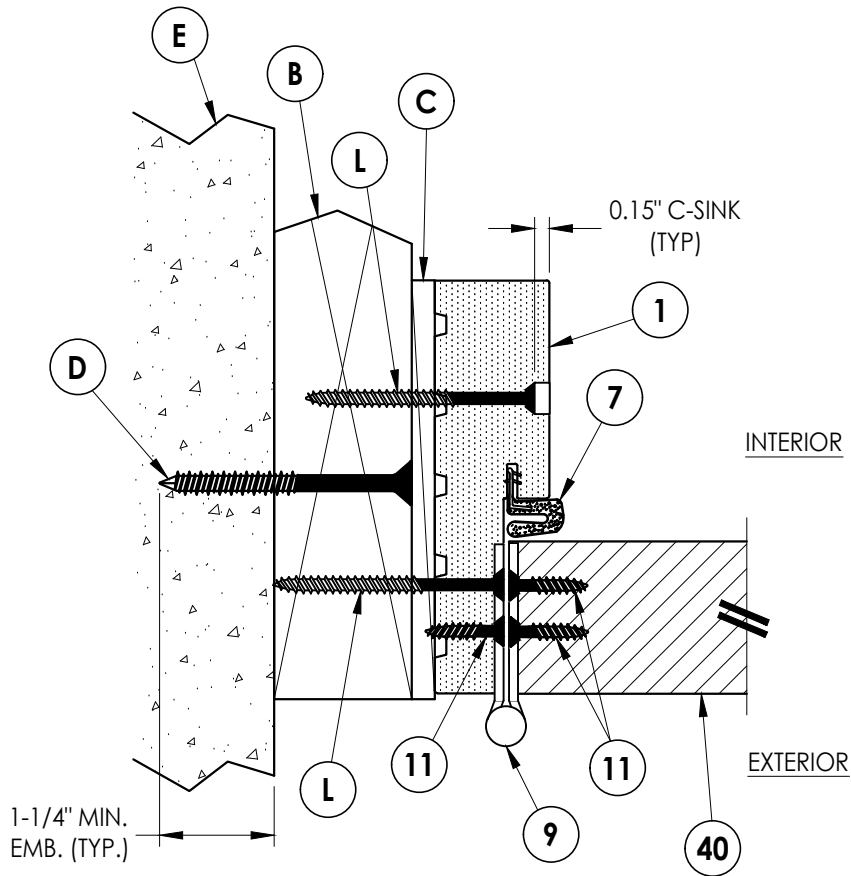
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1	8/02/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
NO	DATE			BY			

PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

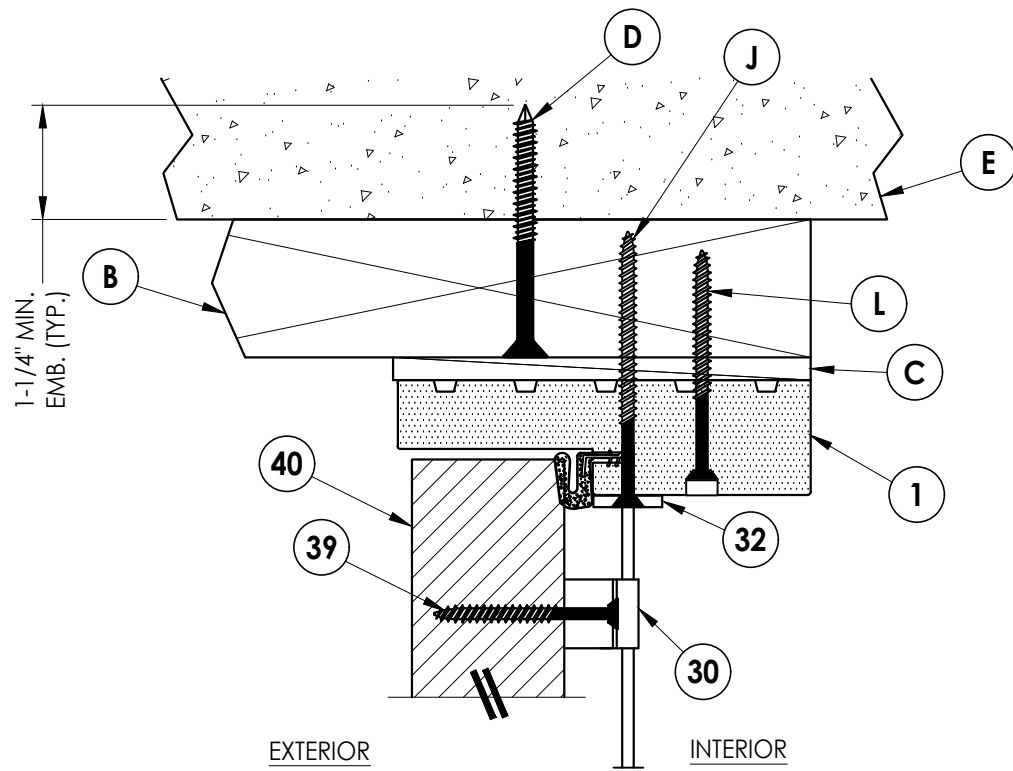
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

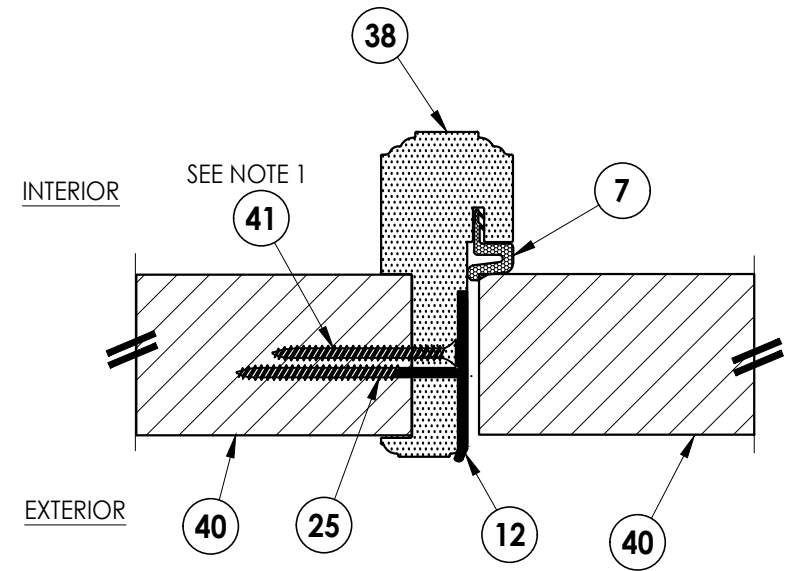
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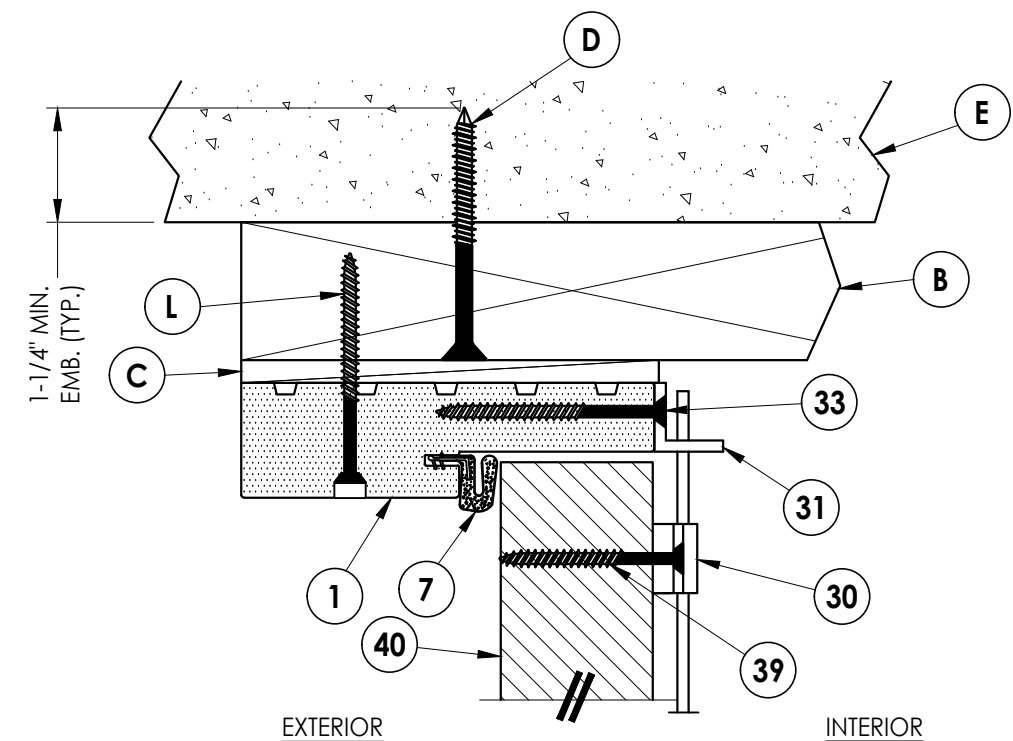
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



2
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown



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

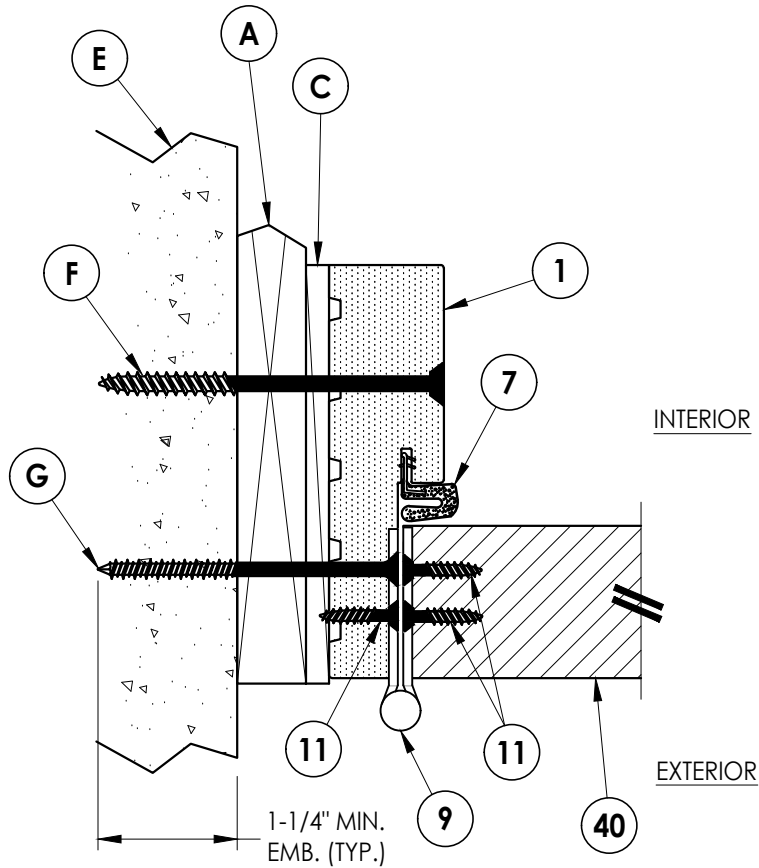


3
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown

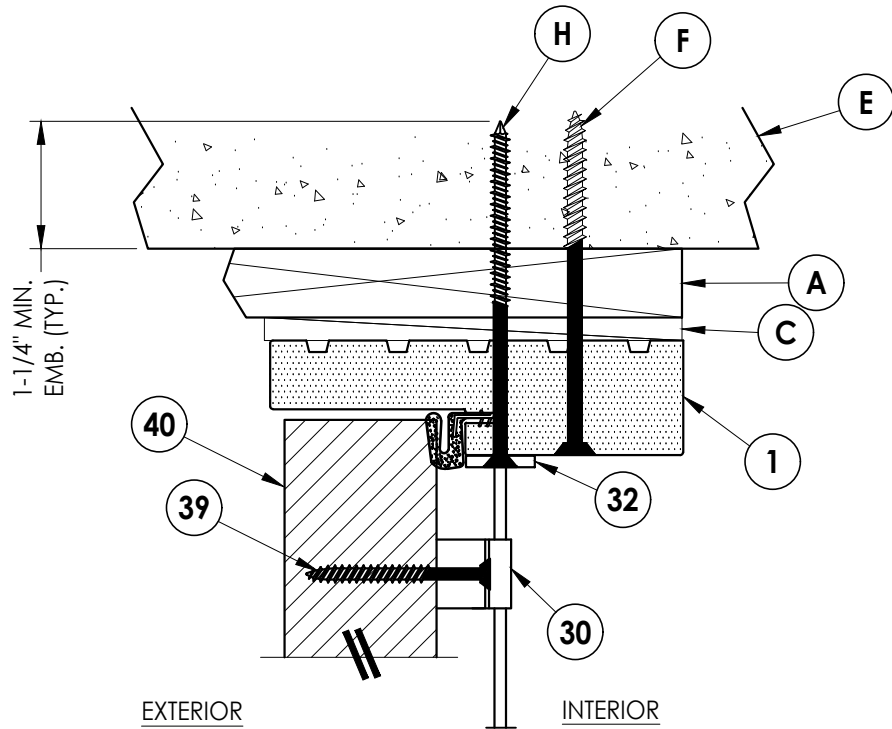
Note:
1. Screws located 8" from each end of astragal plus four (3) more located @ 23", 37" & 48" down from the top of the astragal (5 screws total - countersink 3/16").

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		STEVE'S & SONS FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE:	4/20/22	SCALE:	N.T.S.	DWG. BY:	RW	CHK. BY:	LFS
DRAWING NO.:	FL-41479.5	SHEET	5 OF 10	NO.	DATE	REVISIONS	
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1	8/02/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			

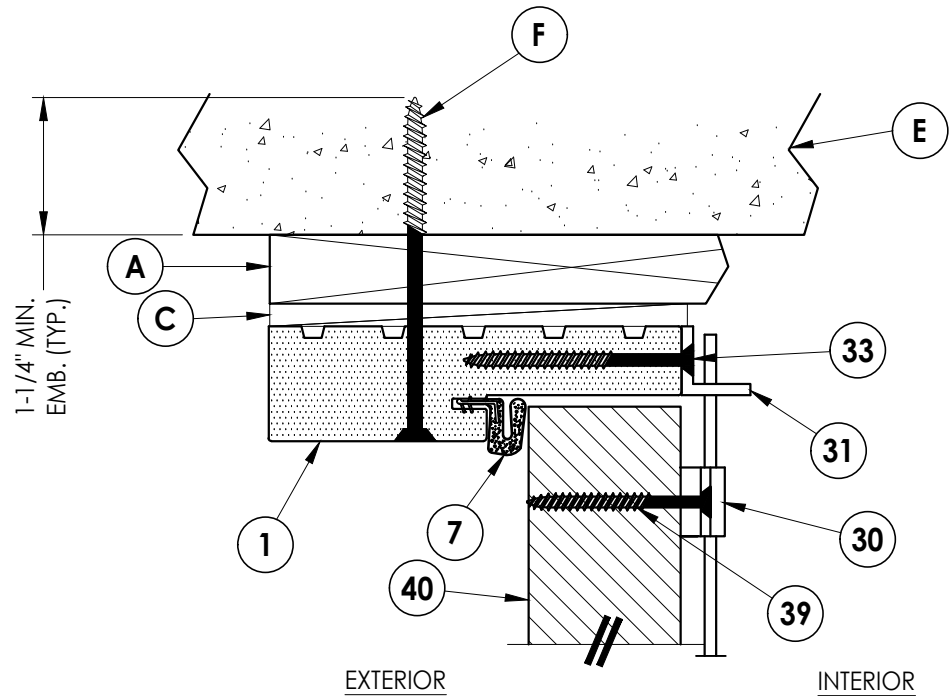
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1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



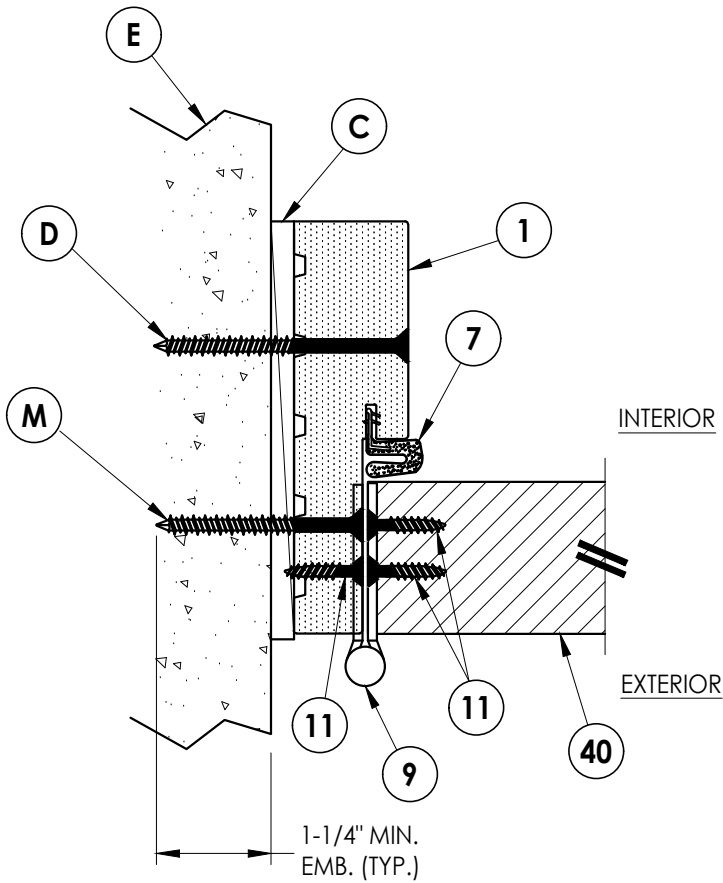
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6 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown



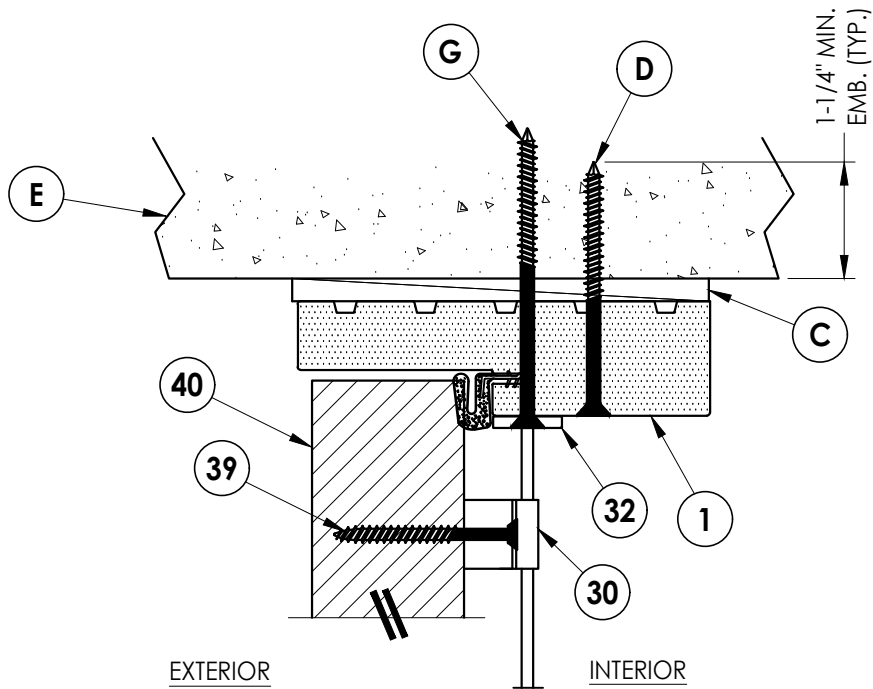
3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: STEVE'S & SONS FIBERGLASS DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
				LFS			
				FBC			
				UPDATE TO 9TH ED. (2026)			
				2	7/02/26		
				FBC			
				UPDATE TO 8TH ED. (2023)			
				1	8/02/23		
				LFS			
				BY			
				NO.	DATE		
				REVISIONS			
DATE: 4/20/22							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-41479.5							
SHEET 6 OF 10							

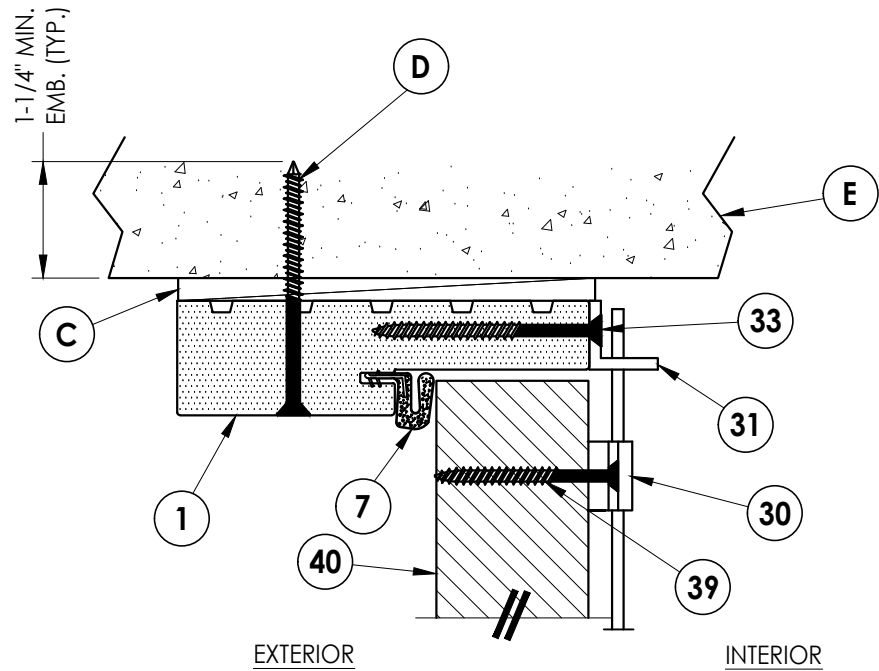
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1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



2
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown



3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Inswing shown

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:
STEVE'S & SONS
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/02/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 4/20/22

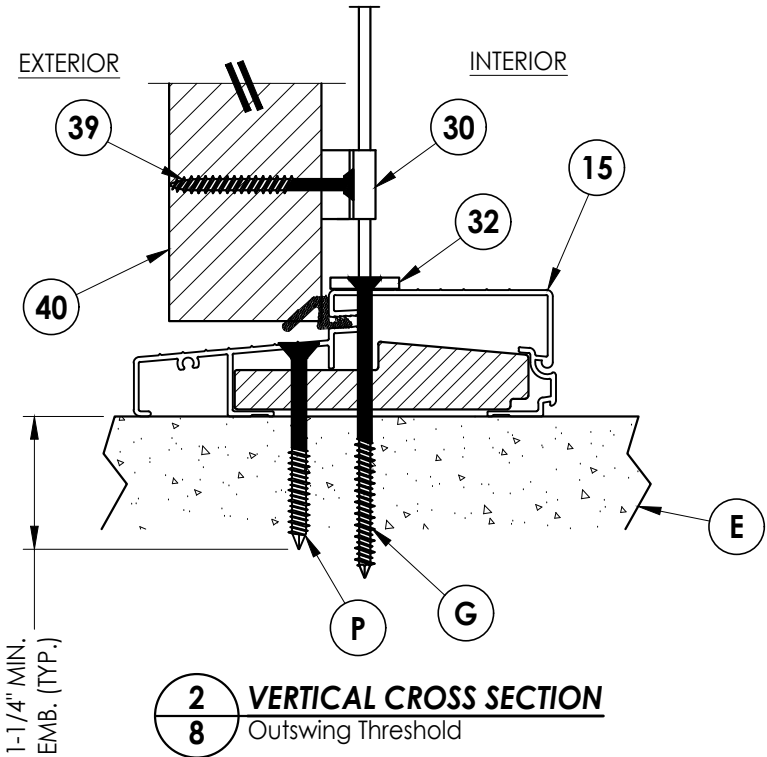
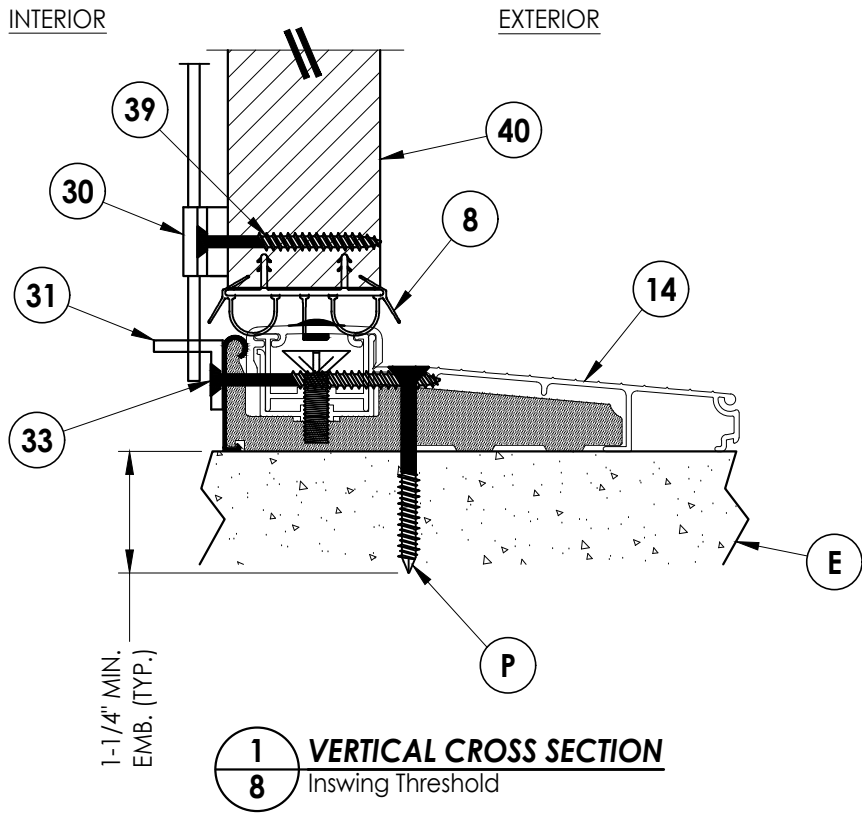
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CHK. BY: LFS

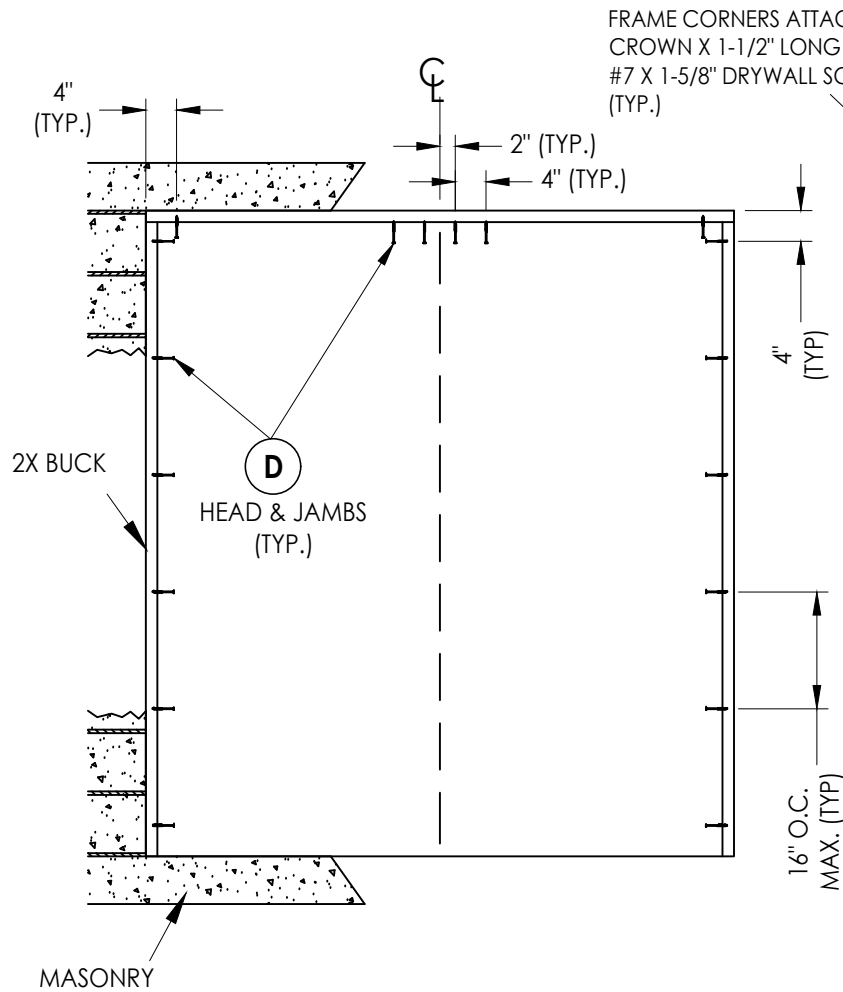
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FL-41479.5

SHEET 7 OF 10

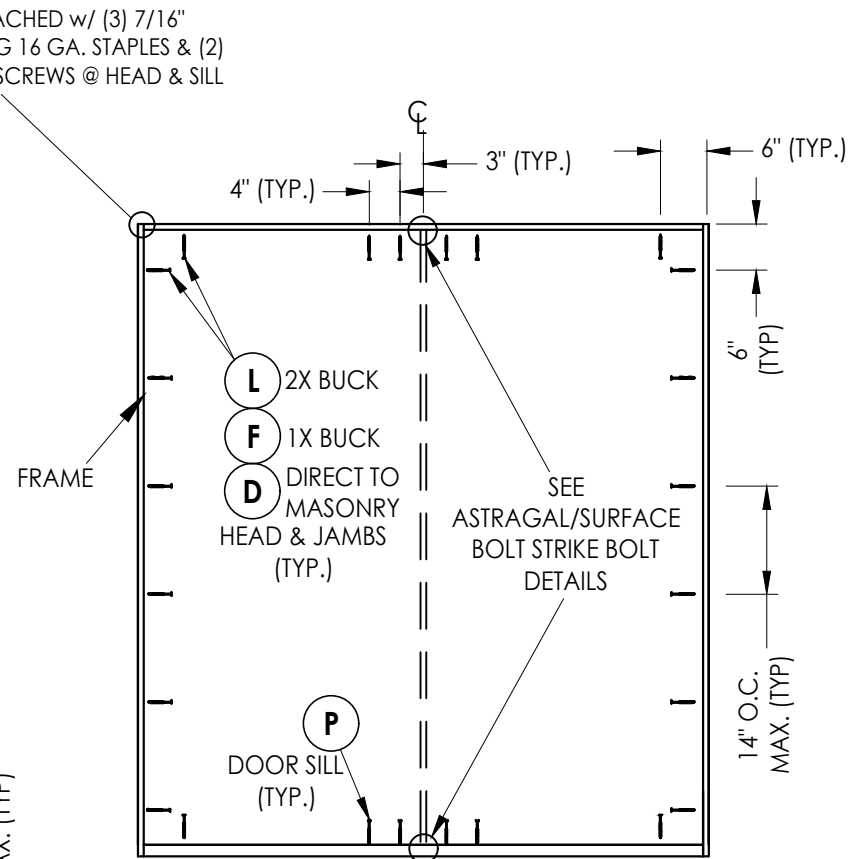


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: STEVES & SONS FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
		LFS	BY
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	
1	8/02/23	UPDATE TO 8TH ED. (2023)	
NO.	DATE		
REVISIONS			
DATE: 4/20/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-41479.5			
SHEET 8 OF 10			

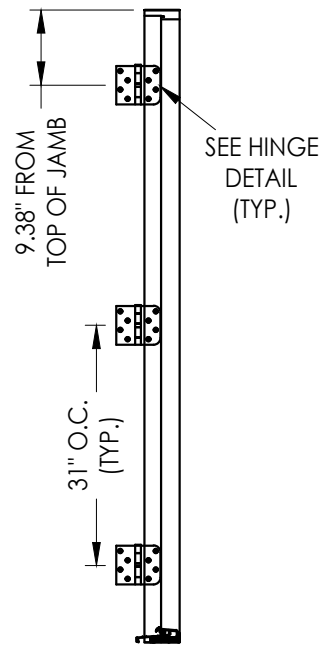
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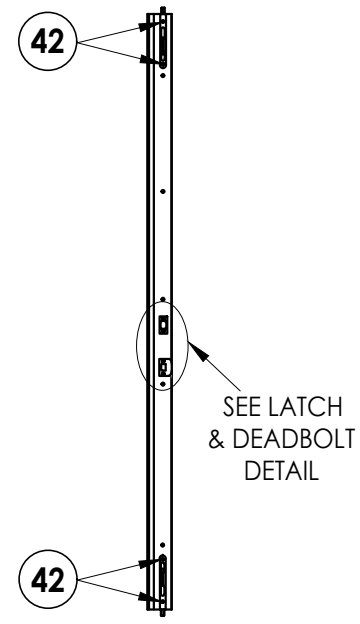
2X BUCK ANCHORING



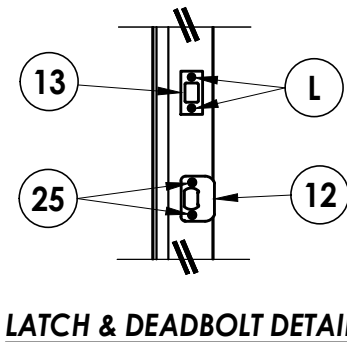
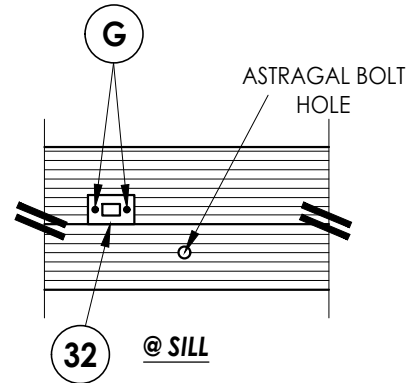
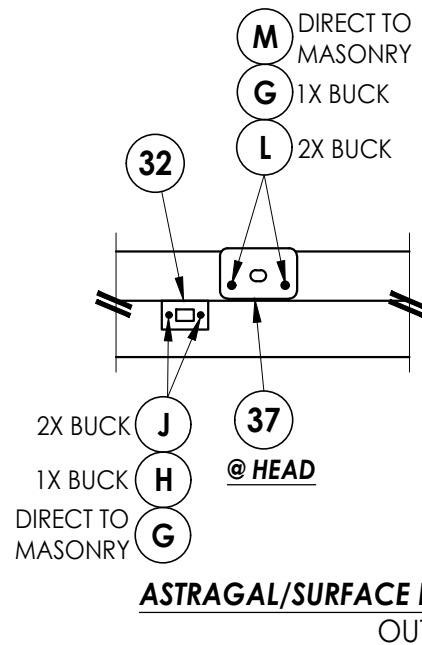
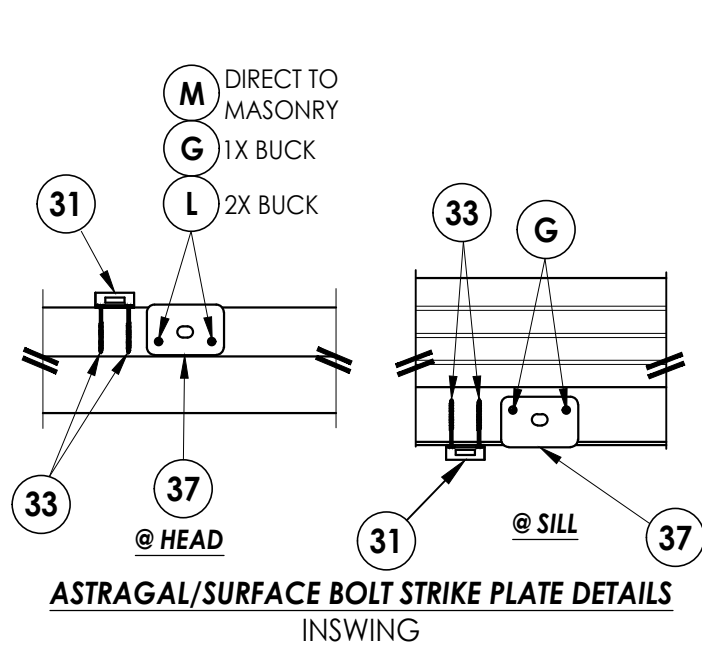
FRAME ANCHORING



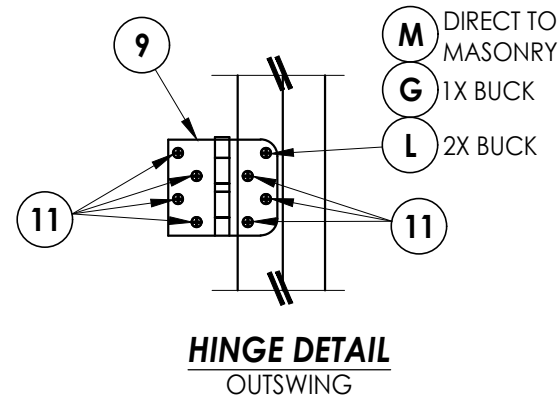
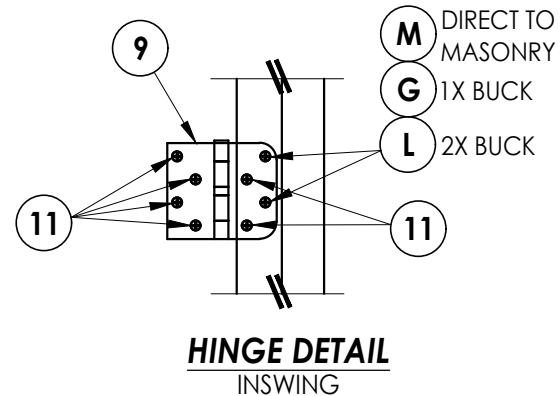
HINGE JAMB



COMPOSITE ASTRAGAL
7" STEEL FLIP LOCK FLUSHBOLT (5/16" Ø)
@ EACH END OF ASTRAGAL



LATCH & DEADBOLT DETAIL



HARDWARE DETAILS

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:
BUCK & FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/02/23	UPDATE TO 8TH ED. (2023) FBC
		BY

DATE: 4/20/22

SCALE: N.T.S.

DWG. BY: RW

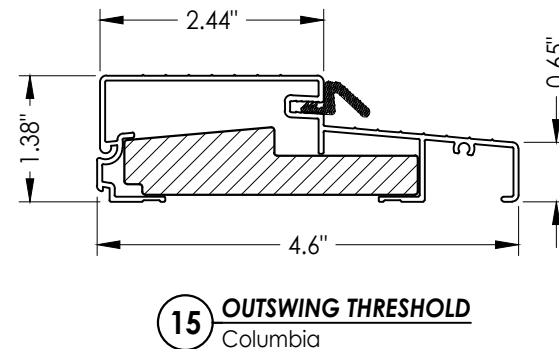
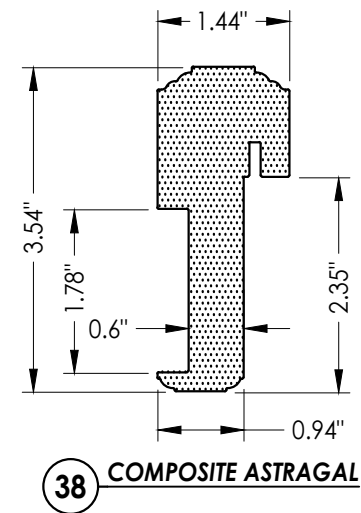
CHK. BY: LFS

DRAWING NO.:

FL-41479.5

SHEET 9 OF 10

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
H	3/16" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
J	#10 X 3" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
11	#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
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
30	8" SURFACE BOLT (HAGER 275D)	STEEL
31	SURFACE BOLT GUIDE PLATE	STEEL
32	SURFACE BOLT STRIKE PLATE	STEEL
33	#10 X 2-1/2" PFH WOOD SCREW	STEEL
37	ASTRAGAL STRIKE PLATE	STEEL
38	ASTRAGAL (COMPOSITE)	COMP
39	#10 X 2" FH SMS	STEEL
40	DOOR PANEL	-
41	#7 X 1-5/8" DRYWALL SCREW	STEEL
42	#8 X 2-1/2" FH SMS	STEEL



- | 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 ULTRA-CON® | 1/4" | 1-1/4" | 1" | 4" |

- 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:

2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
1	8/02/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
NO.	DATE				BY
REVISIONS					

DATE: 4/20/22

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: *LFS*

DRAWING NO.:
FL-41479.5

SHEET 10 OF 10