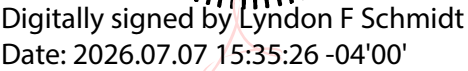


8 PANEL



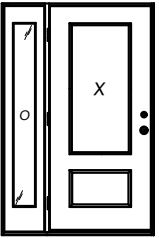
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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

OPAQUE FIBERGLASS DOOR
SINGLE
w/ or w/out SIDELITE(S)
INSWING/OUTSWING
"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.



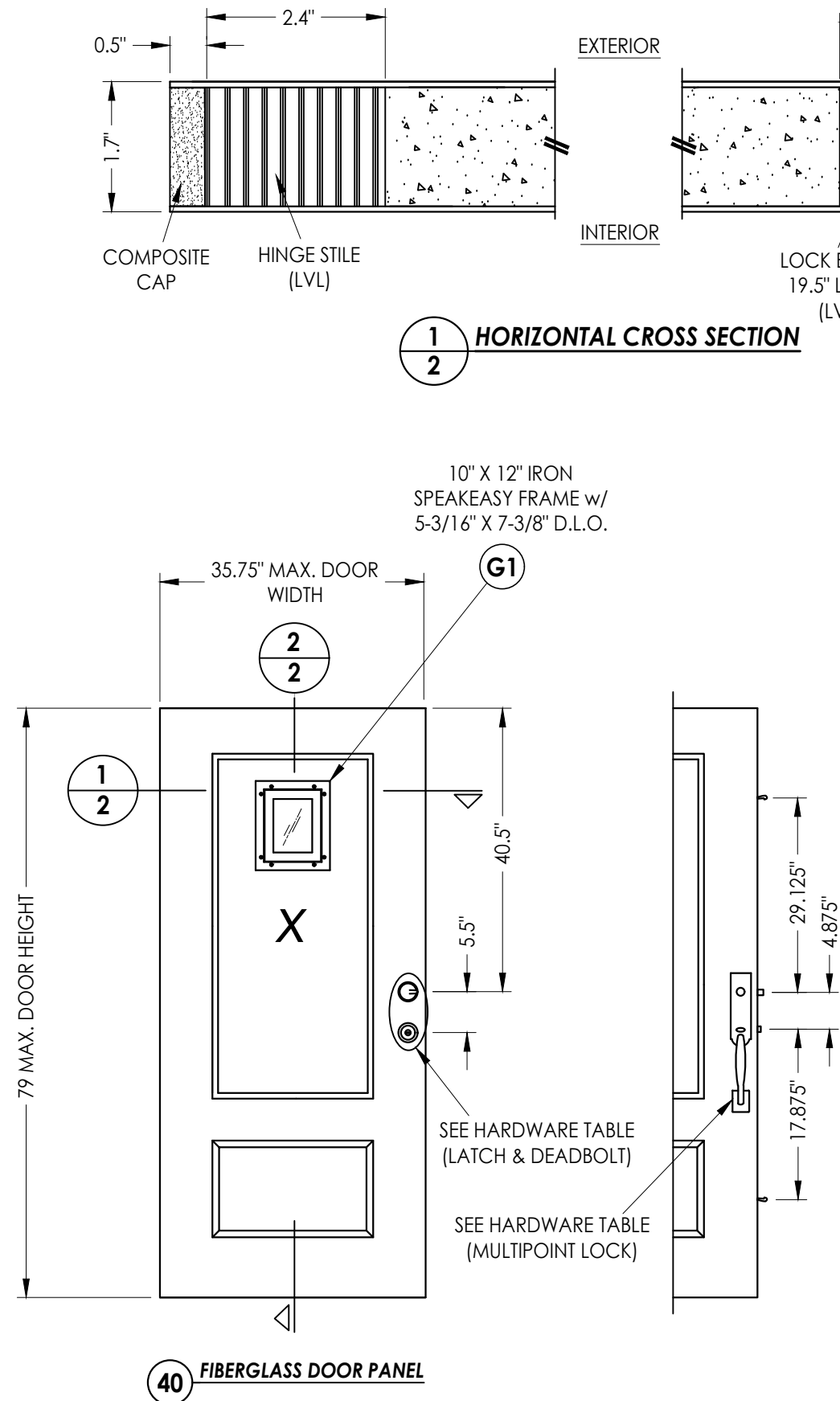
CONTINUOUS HEAD & SILL

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	9	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite Panel Details	10	Vertical Cross Sections
4	Door Panel Options	11	Buck Anchoring
5	Elevations	12	Frame Anchoring & Hardware Details
6	Horizontal Cross Sections	13	Bill of Materials & Components
7	Horizontal & Vertical Cross Sections (2X Buck)		

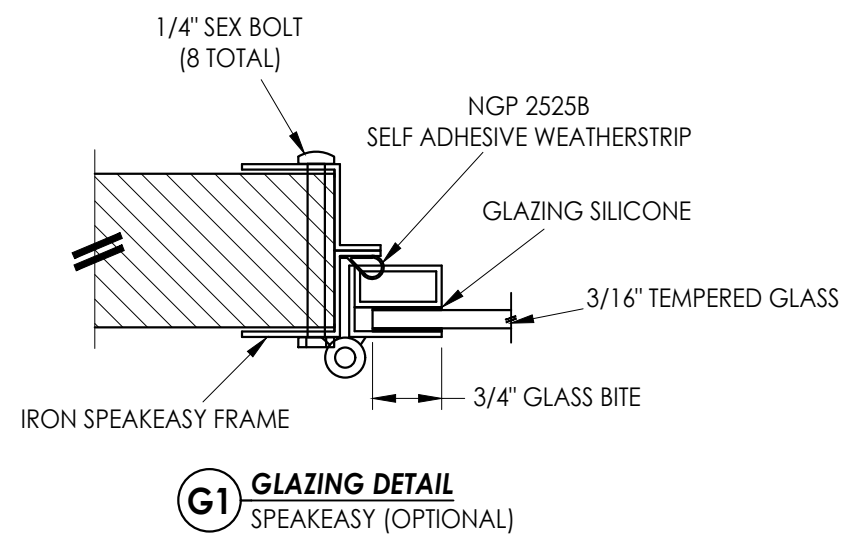
CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 81.5"	+65.0	-65.0	+65.0	-65.0
XO, OX, OXO	68.5" x 81.5"	+45.0	-45.0	+45.0	-45.0

[illegible]

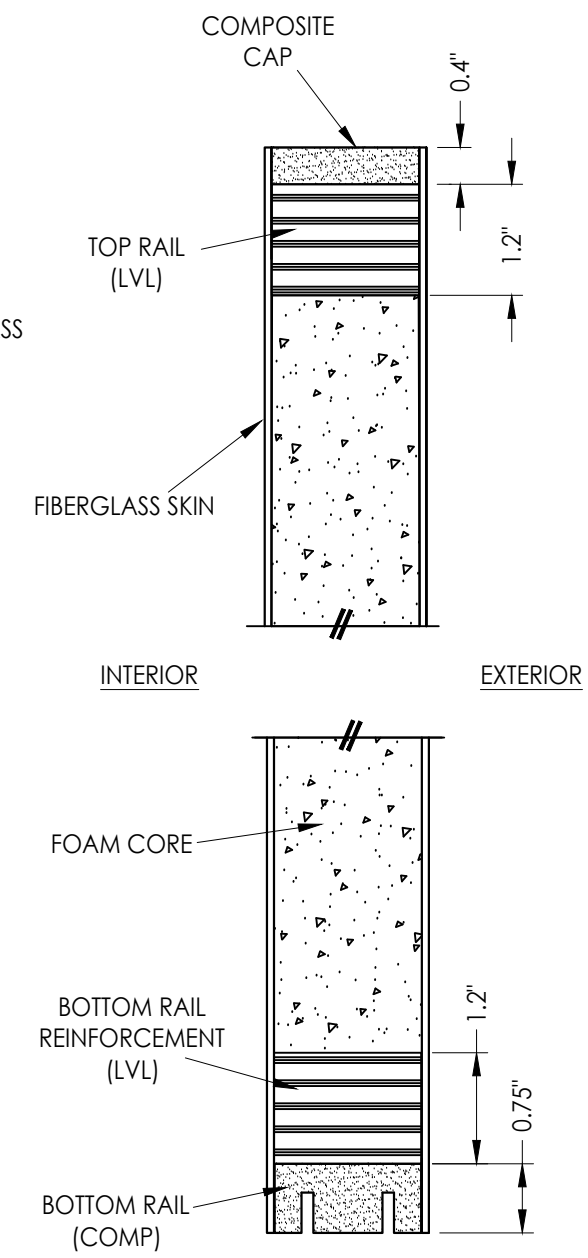
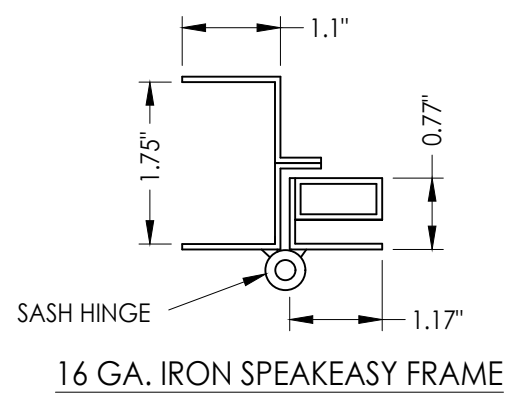
Z:\2023 FBC Drawings\Steves & Sons\FL-41467 R1\FL-41467.3.dwg



FIBERGLASS SKIN: 0.08" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	LATCH: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)
SCHLAGE	LATCH: DEADBOLT:	F51 B60N
ROCKWELL	LATCH: DEADBOLT:	PREMIUM HANDLESET PREMIUM DEADBOLT
ROCKWELL	PREMIUM MULTIPOINT HANDLESET w/ DEADLOCKING TONGUE MULTIPOINT LOCK	

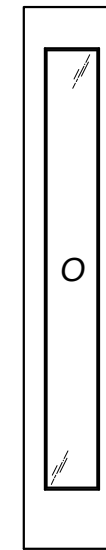
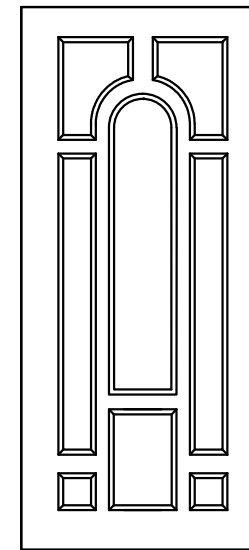
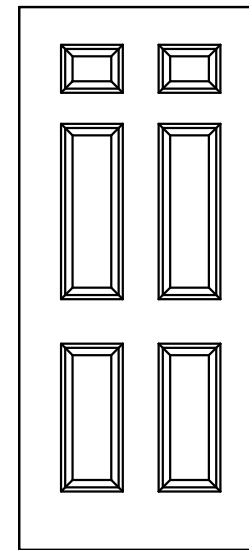
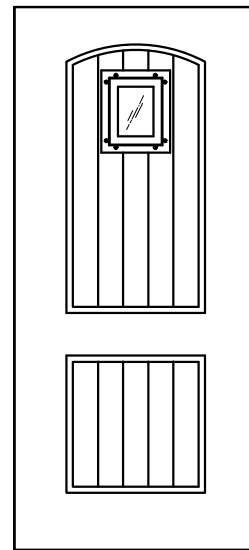
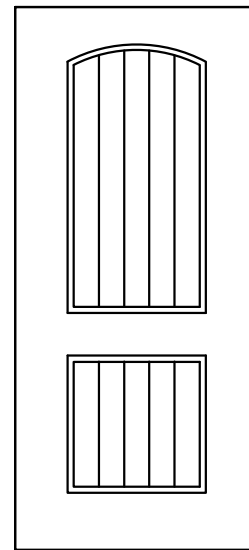
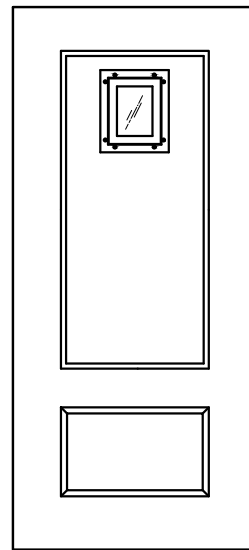
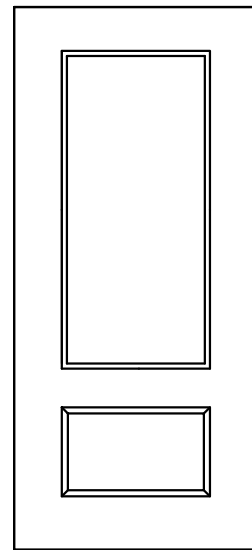


2
2 **VERTICAL CROSS SECTION**

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:		STEVE'S & SONS FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
		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: 3/10/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-41467.3			
SHEET 2 OF 13			



REGENCY PANEL COLLECTION

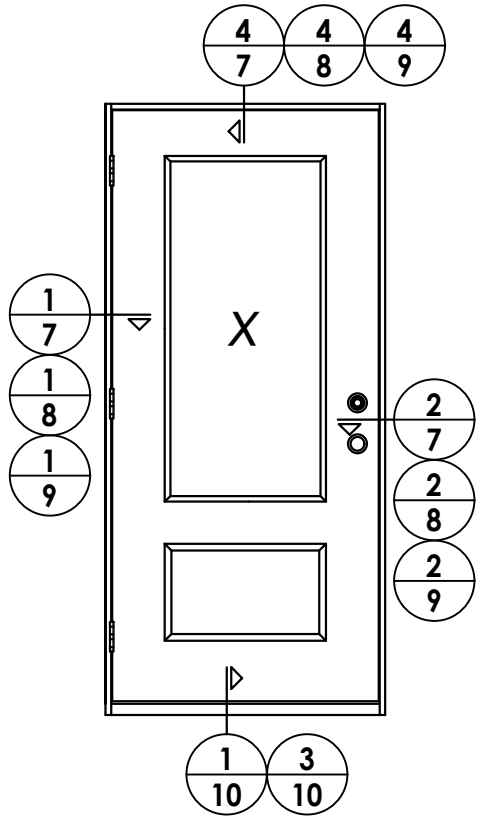
REGENCY SIDELITE

[illegible]

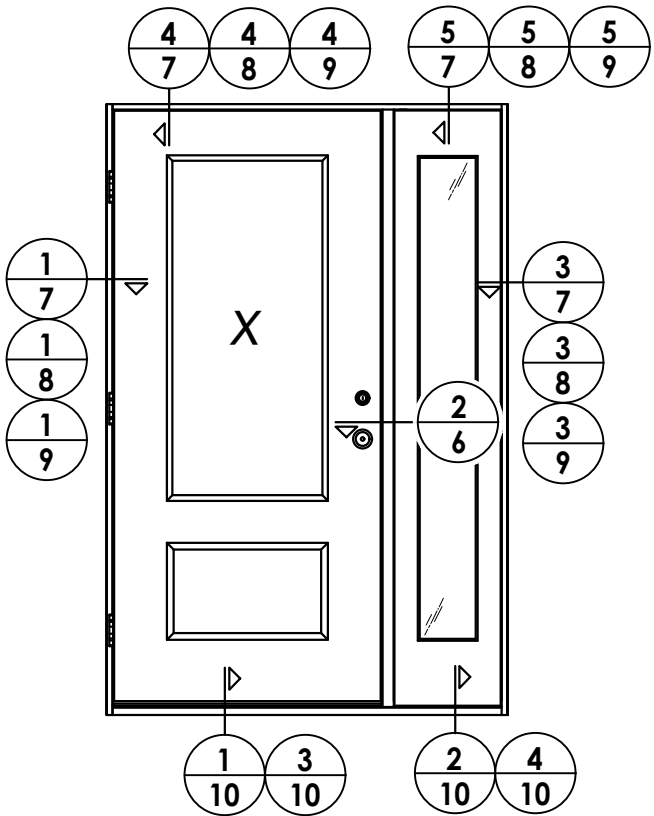
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

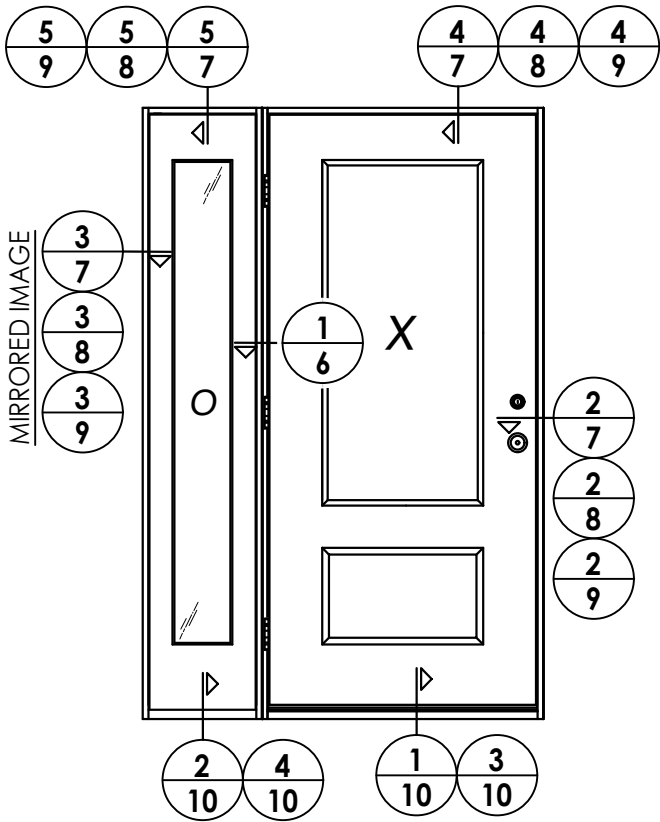
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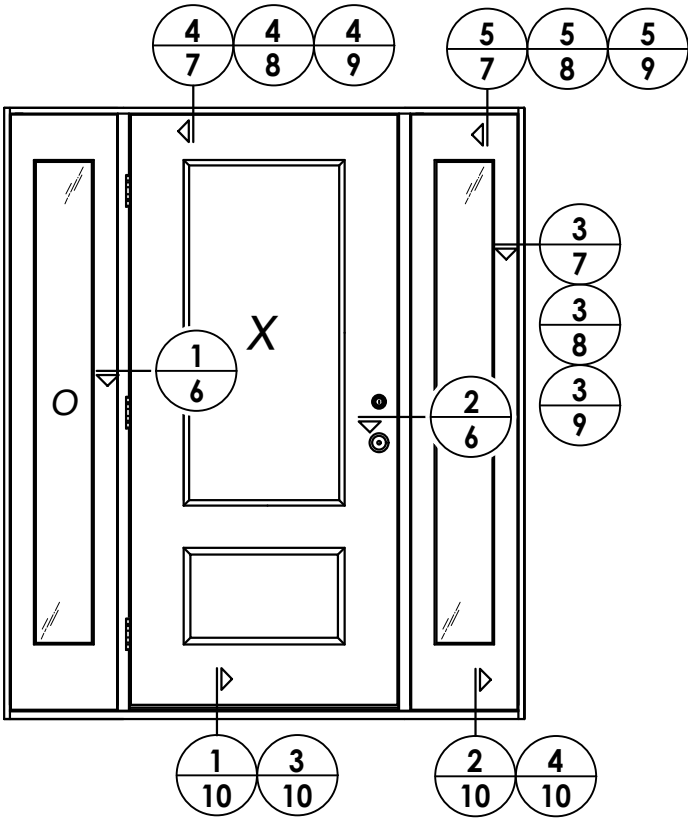
ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OX / XO
(CENTER HINGED)



ELEVATION
OXO

DATE: 3/10/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41467.3
SHEET 5 OF 13

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

1. Sidelite assembly screws located @ 3" & 19" from each end of mullion (4 total).
2. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.



EXTERIOR



BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33333
Phone No.: 813.659.9197
FBPE Registry No. 9813

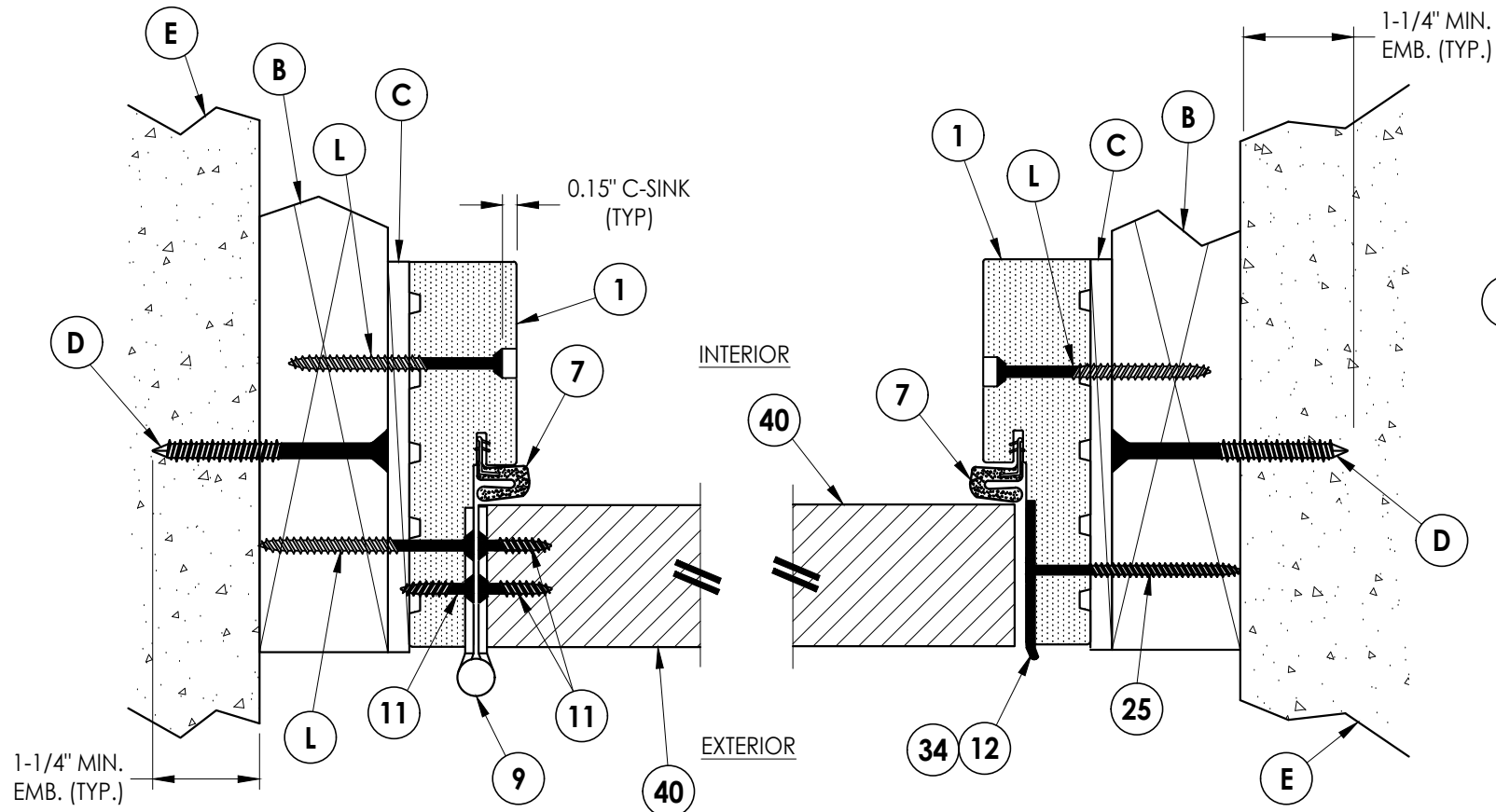
ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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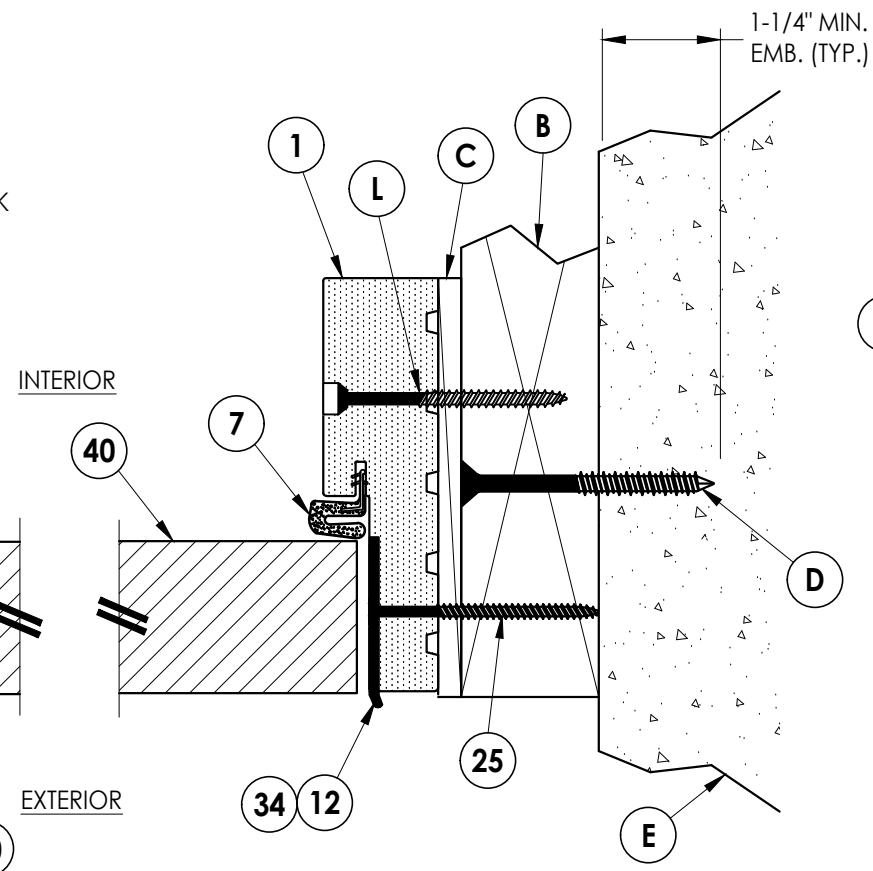
DATE:	3/10/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-41467.3
SHEET	6 OF 13

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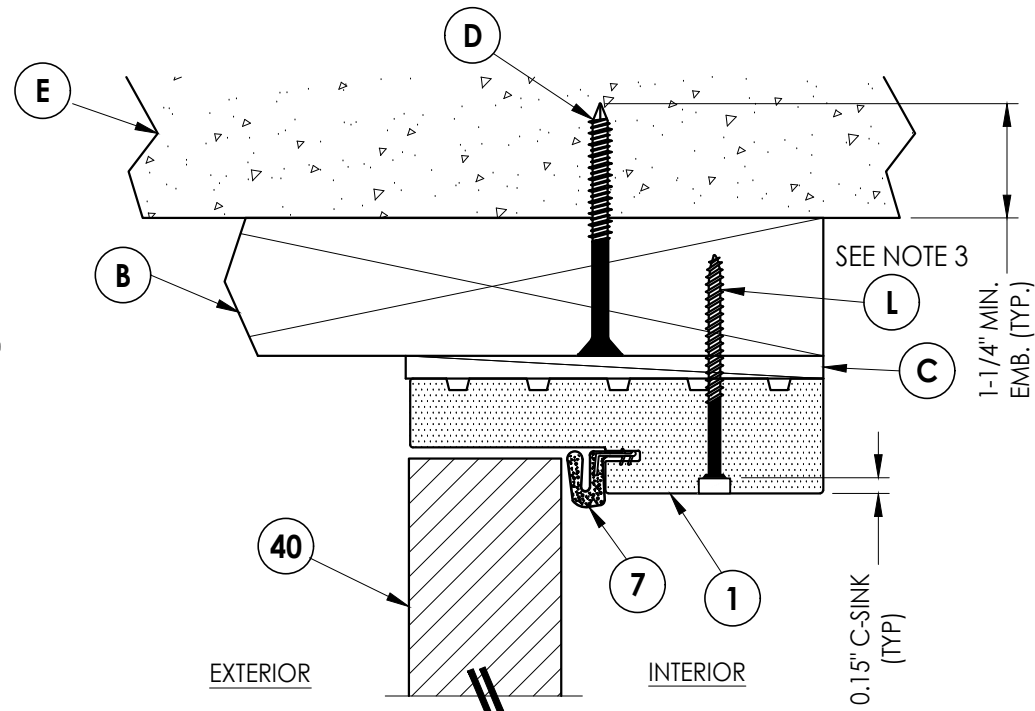
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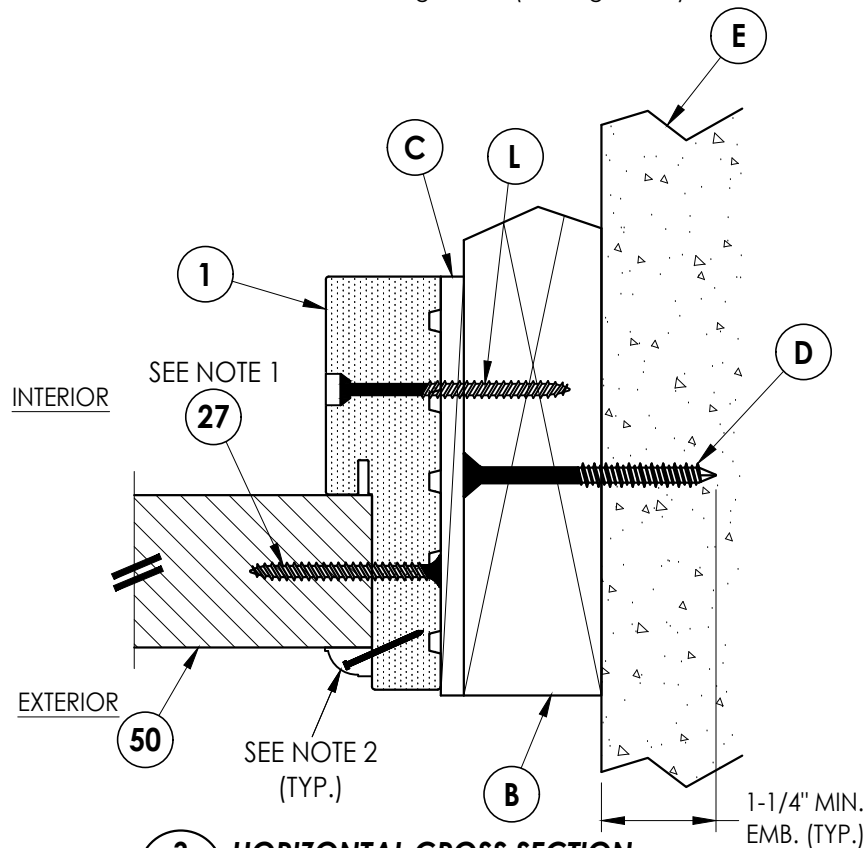
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



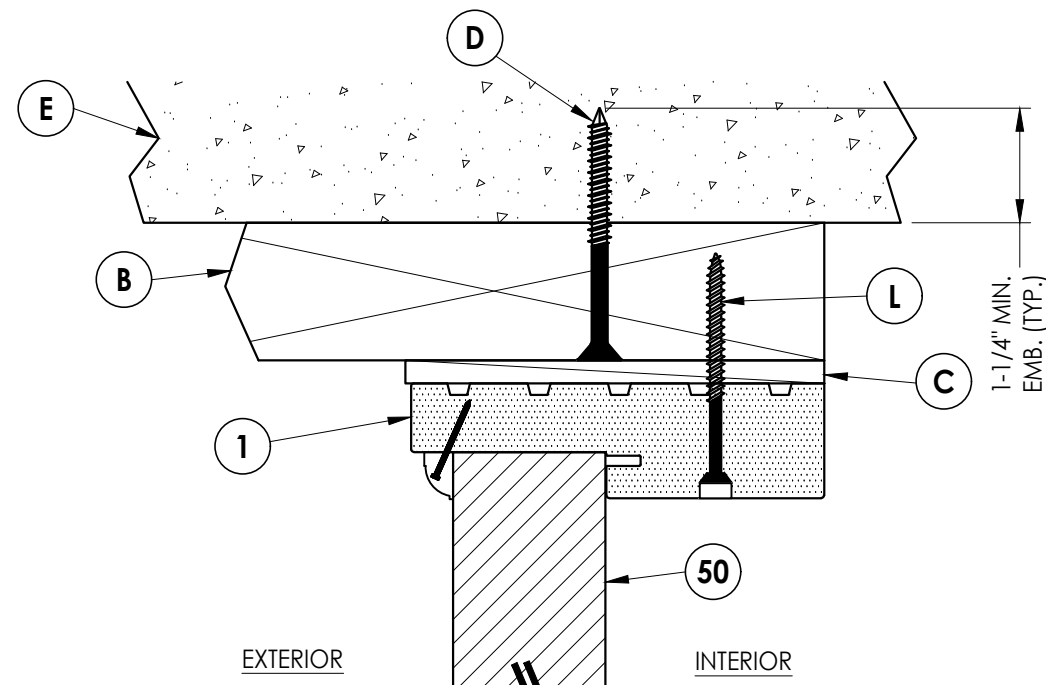
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



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



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



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

NOTES:

1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced along jamb (6 total).
2. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.
3. Anchor @ head is not required for single door (X) only.

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 (2X BUCK)

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: 3/10/22

SCALE: N.T.S.

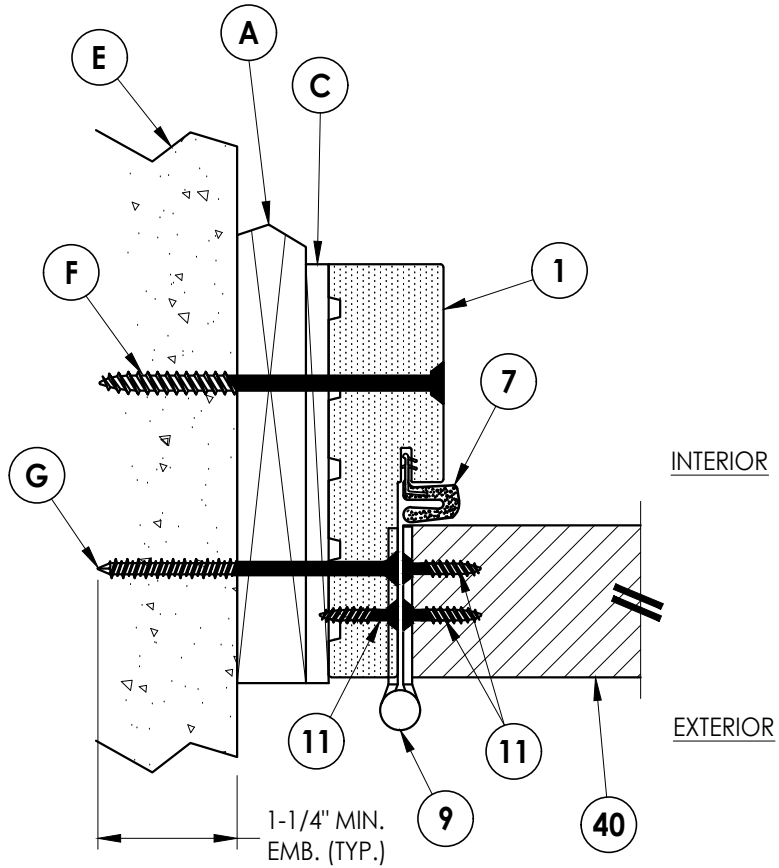
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CHK. BY: LFS

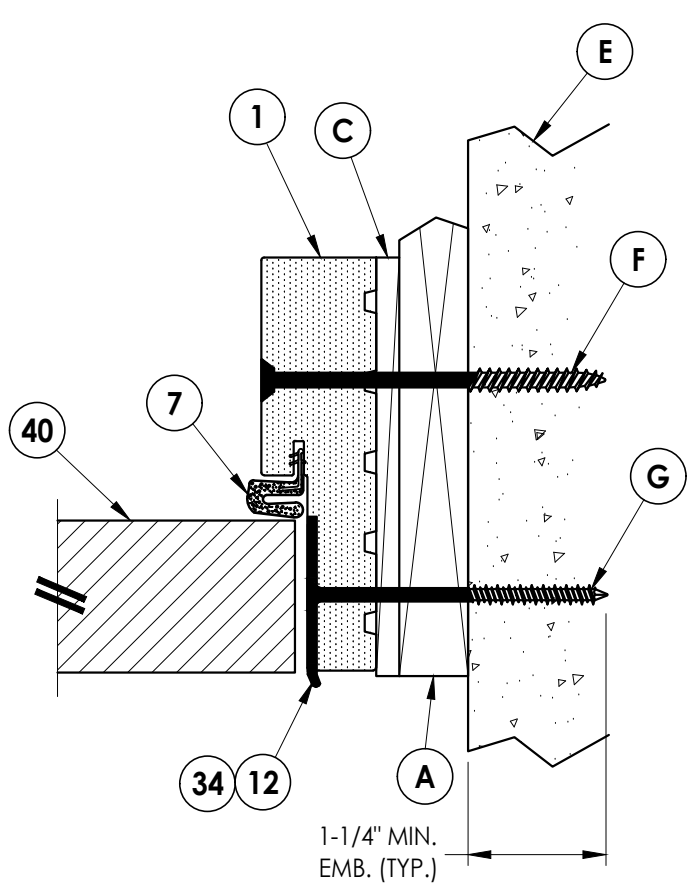
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FL-41467.3

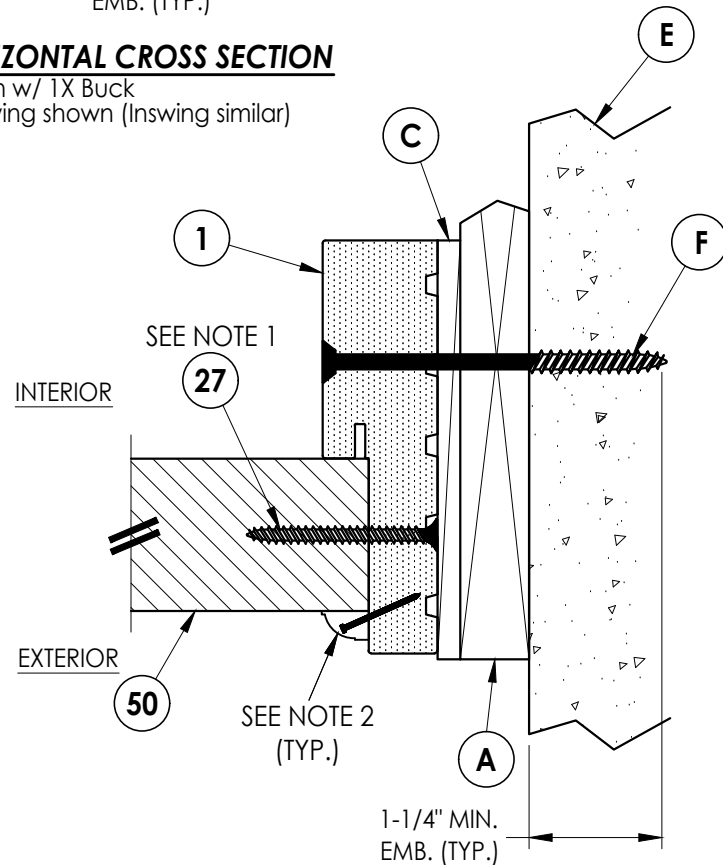
SHEET 7 OF 13



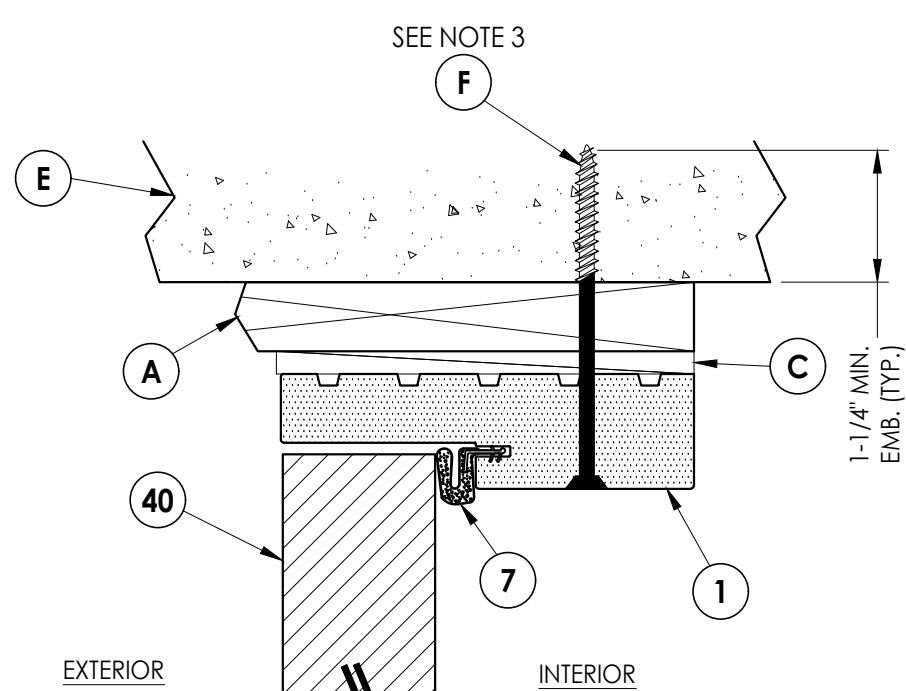
1
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



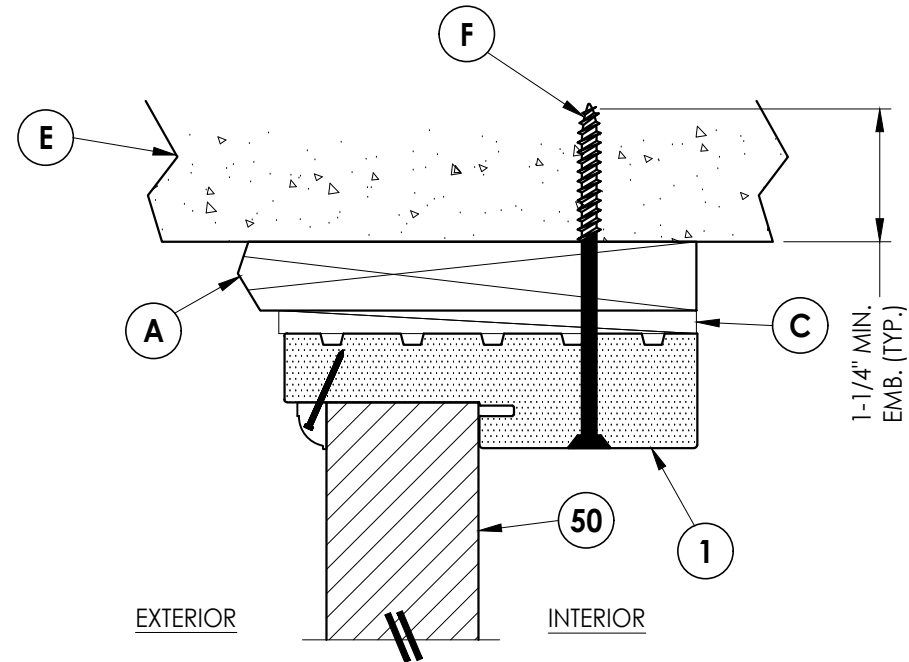
2
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



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



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



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

- NOTES:
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced along jamb (6 total).
 2. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.
 3. Anchor @ head is not required for single door (X) only.

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	FBC	BY
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	
1	8/02/23	UPDATE TO 8TH ED. (2023)	FBC	

DATE: 3/10/22

SCALE: N.T.S.

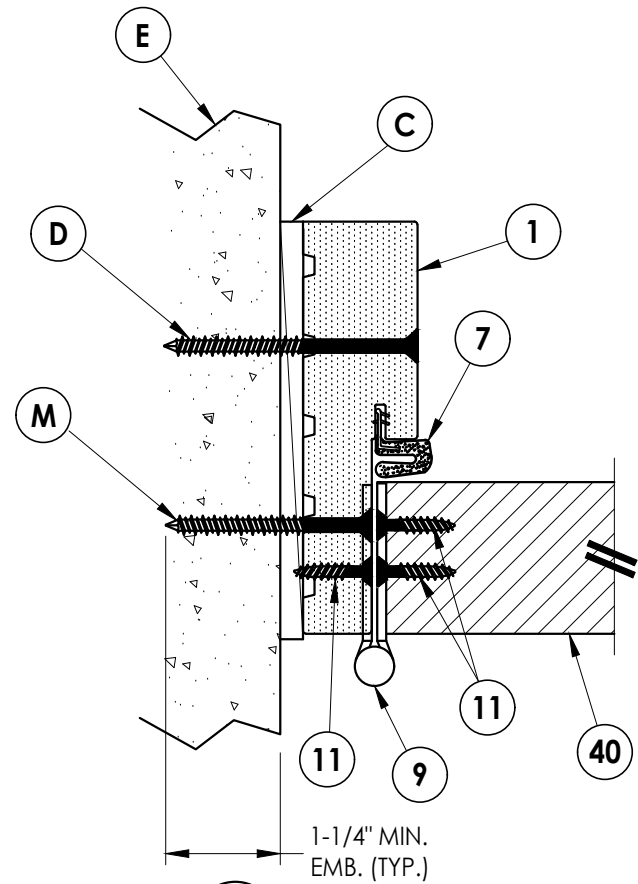
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-41467.3

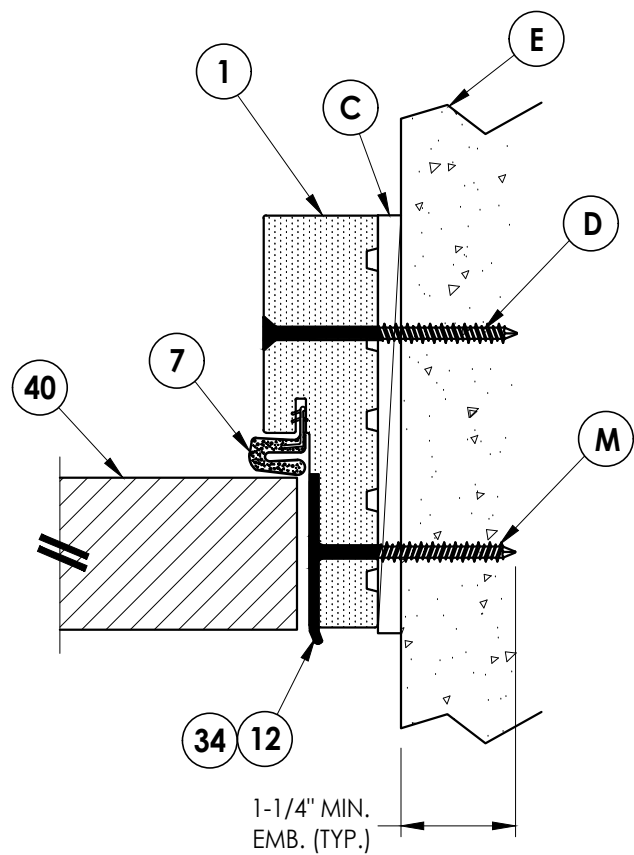
SHEET 8 OF 13



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

INTERIOR

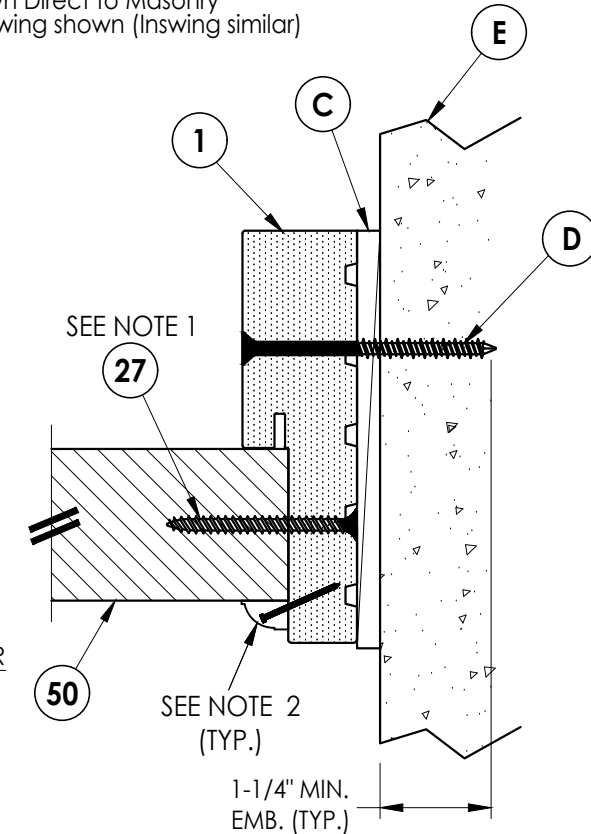
EXTERIOR



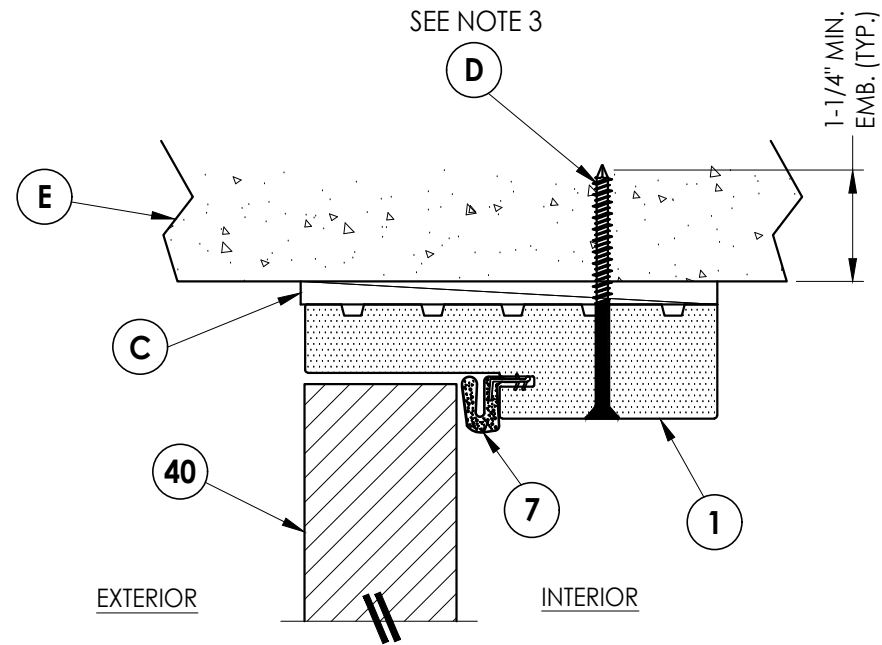
2
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR

EXTERIOR



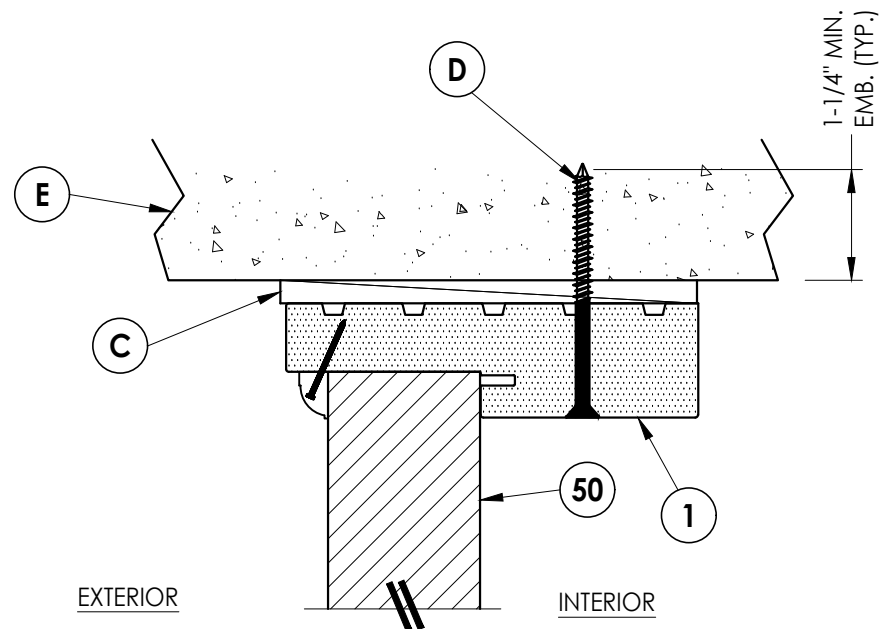
3
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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

EXTERIOR

INTERIOR



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

EXTERIOR

INTERIOR

NOTES:

1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced along jamb (6 total).
2. Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 6" o.c. max.
3. Anchor @ head is not required for single door (X) only.

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: 3/10/22

SCALE: N.T.S.

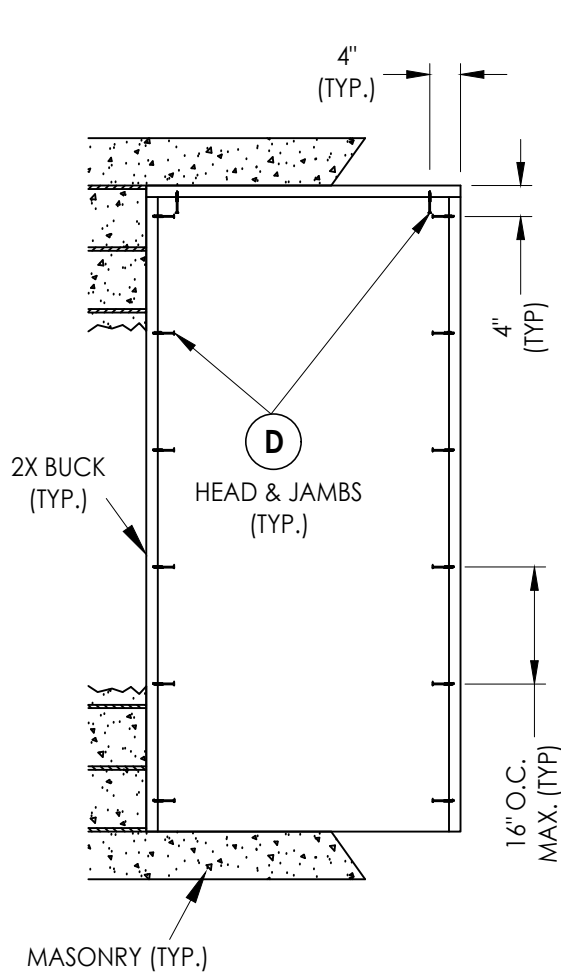
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CHK. BY: LFS

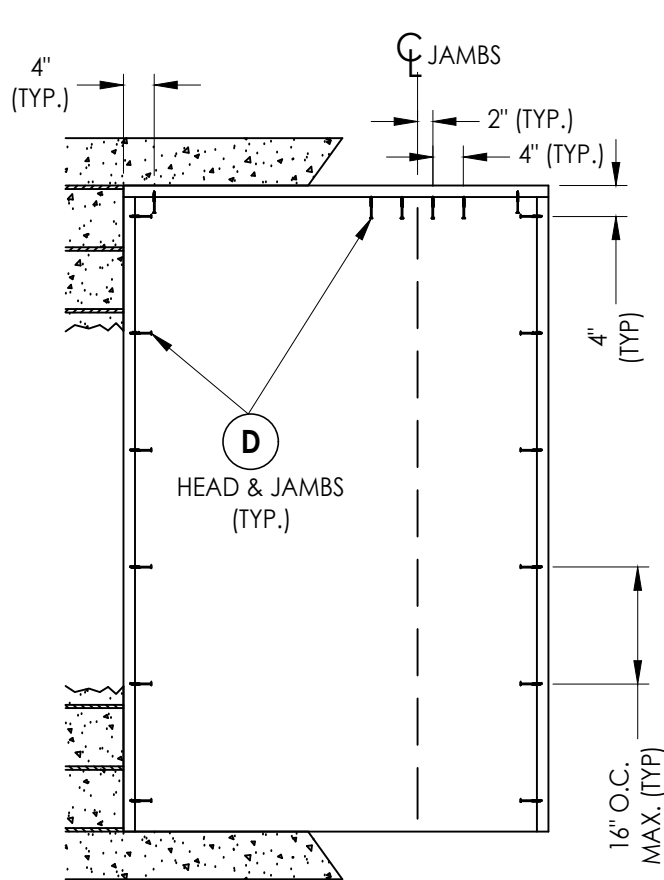
DRAWING NO.: FL-41467.3

SHEET 9 OF 13

Z:\2023 FBC Drawings\Steves & Sons\FL-41467 R1\FL-41467.3.dwg

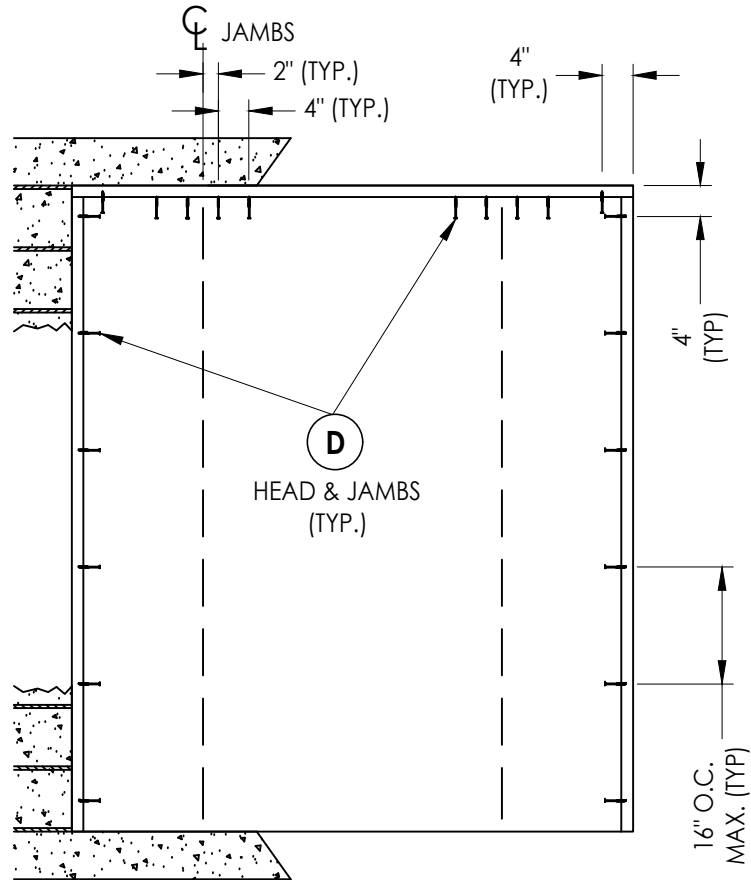


X



XO, OX

2X BUCK ANCHORING



OXO

DATE: 3/10/22	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-41467.3	
SHEET 11	OF 13

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

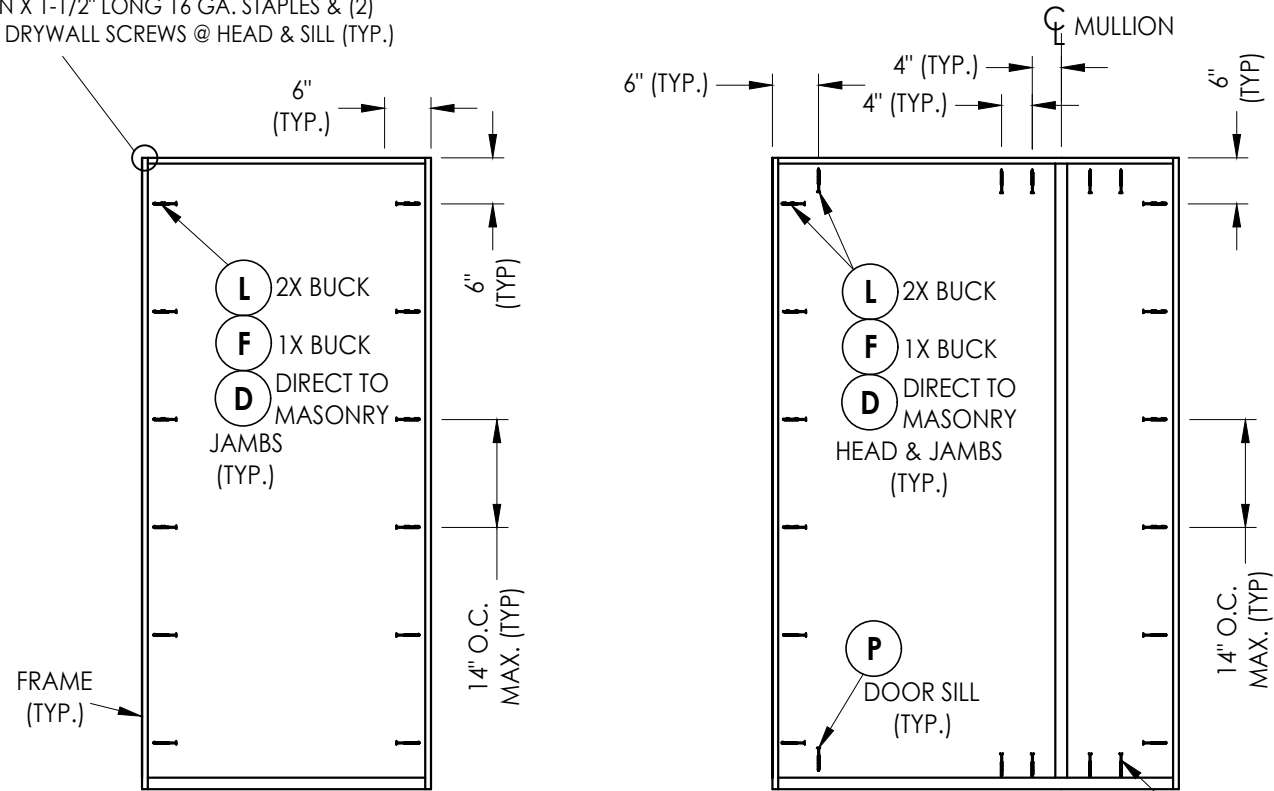
PRODUCT:	STEVES & SONS FIBERGLASS DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

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

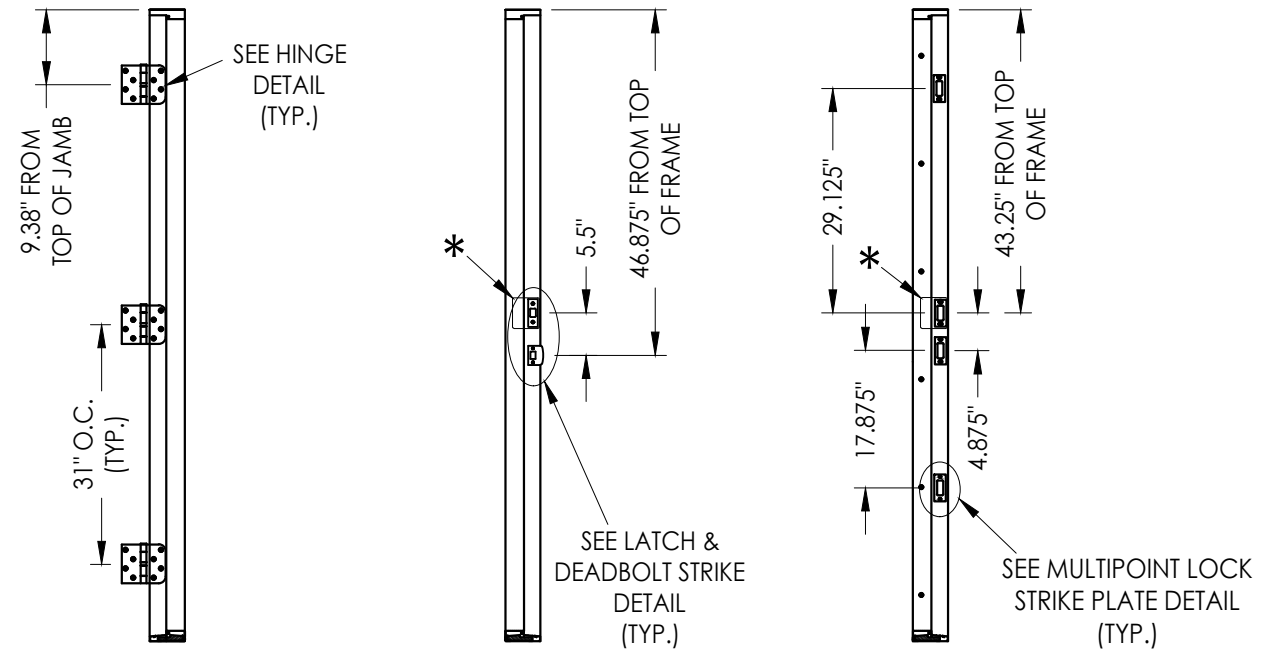
RW

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

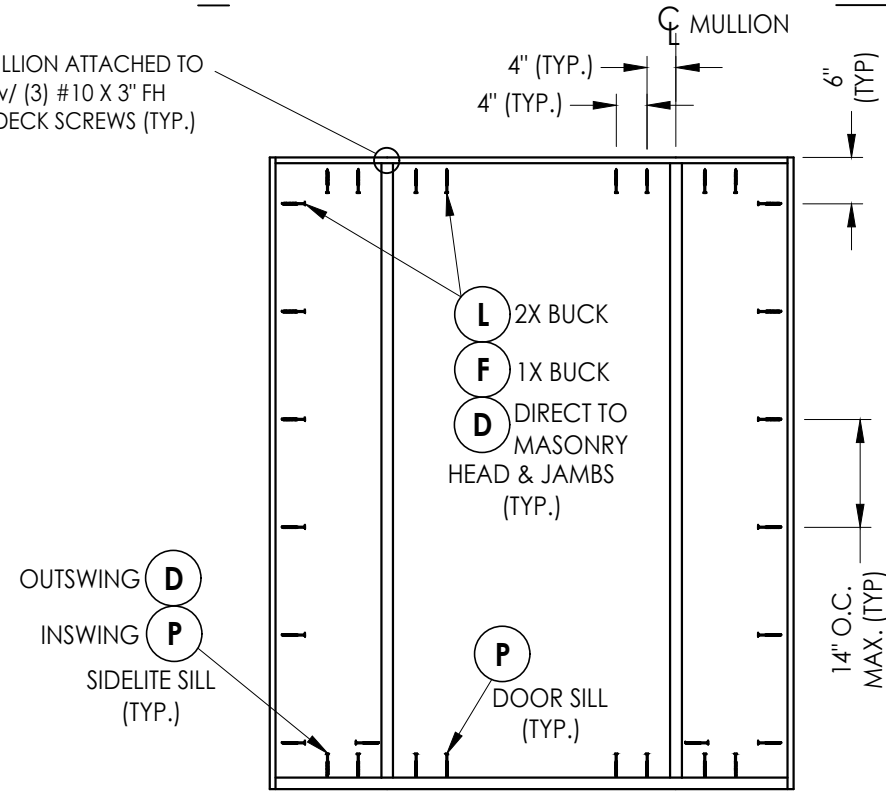
FRAME CORNERS ATTACHED w/ (3) 7/16"
CROWN X 1-1/2" LONG 16 GA. STAPLES & (2)
#7 X 2" DRYWALL SCREWS @ HEAD & SILL (TYP.)



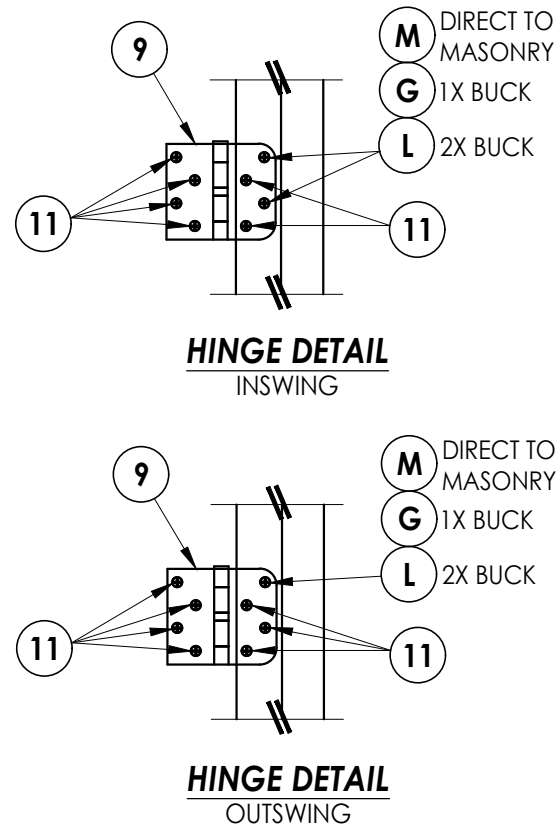
* 3.5" X 4" 20 GA. STEEL PLATE ATTACHED TO BACK OF LOCK JAMB w/ (4) 1" CROWN X 5/8" LONG 16 GA. STAPLES



INTEGRAL MULLION ATTACHED TO
HEAD & SILL w/ (3) #10 X 3" FH
COMPOSITE DECK SCREWS (TYP.)



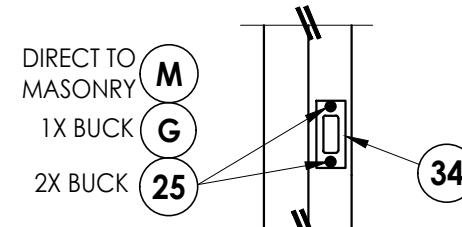
D OUTSWING
P INSWING
SIDELITE SILL
(TYP.)



HINGE JAMB/MULLION

STRIKE JAMB/MULLION

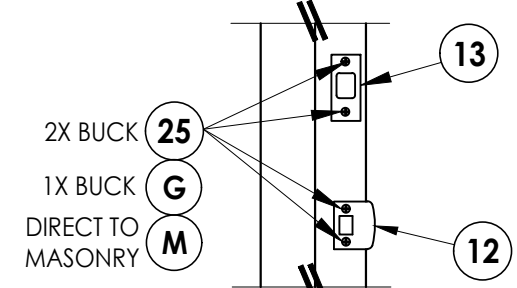
LATCH & DEADBOLT



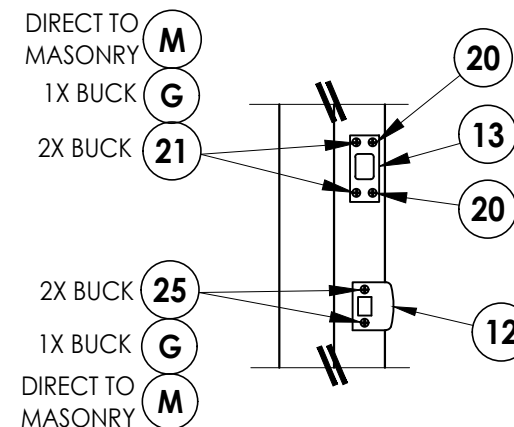
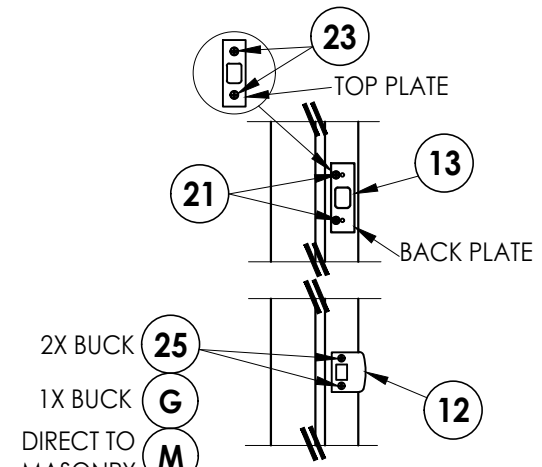
ROCKWELL MULTIPOINT LOCK HARDWARE



MULTIPOINT LOCK



ROCKWELL HARDWARE

**KWIKSET HARDWARE**

SCHLAGE HARDWARE

FRAME ANCHORING

HARDWARE DETAILS

[illegible]

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

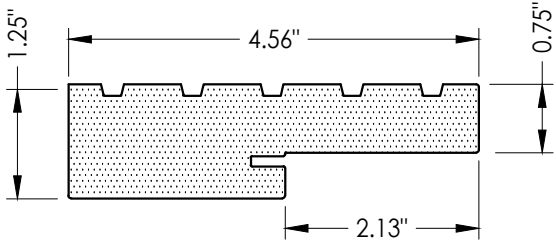
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

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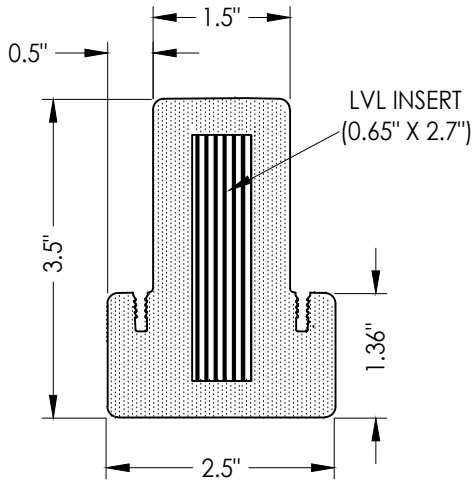
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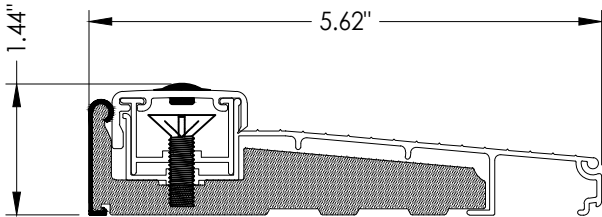
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" 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
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
3	COMPOSITE MULLION	COMP/LVL
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
17	INSWING SIDELITE ADAPTER	PVC
18	#8 X 3" SD TRIM SCREW	STEEL
20	#9 X 1/2" PFH WOOD SCREW	STEEL
21	#12 X 2-1/2" PFH WOOD SCREW	STEEL
23	#8 X 3/4" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#7 X 1-5/8" DRYWALL SCREW	STEEL
34	MULTIPOINT LOCK STRIKE PLATE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



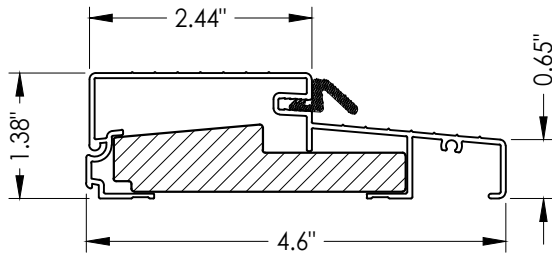
1 **COMPOSITE JAMB**
WORLDWIDE "4EVER"



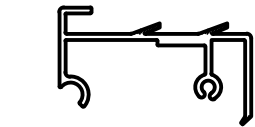
3 **COMPOSITE MULLION**



14 **INSWING THRESHOLD**
Columbia



15 **OUTSWING THRESHOLD**
Columbia



17 **INSWING SIDELITE SPACER**
Columbia

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

- 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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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
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FBPE Registry No. 9813

PRODUCT: ALL SEASONS, INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 3/10/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-41467.3

SHEET 13 OF 13