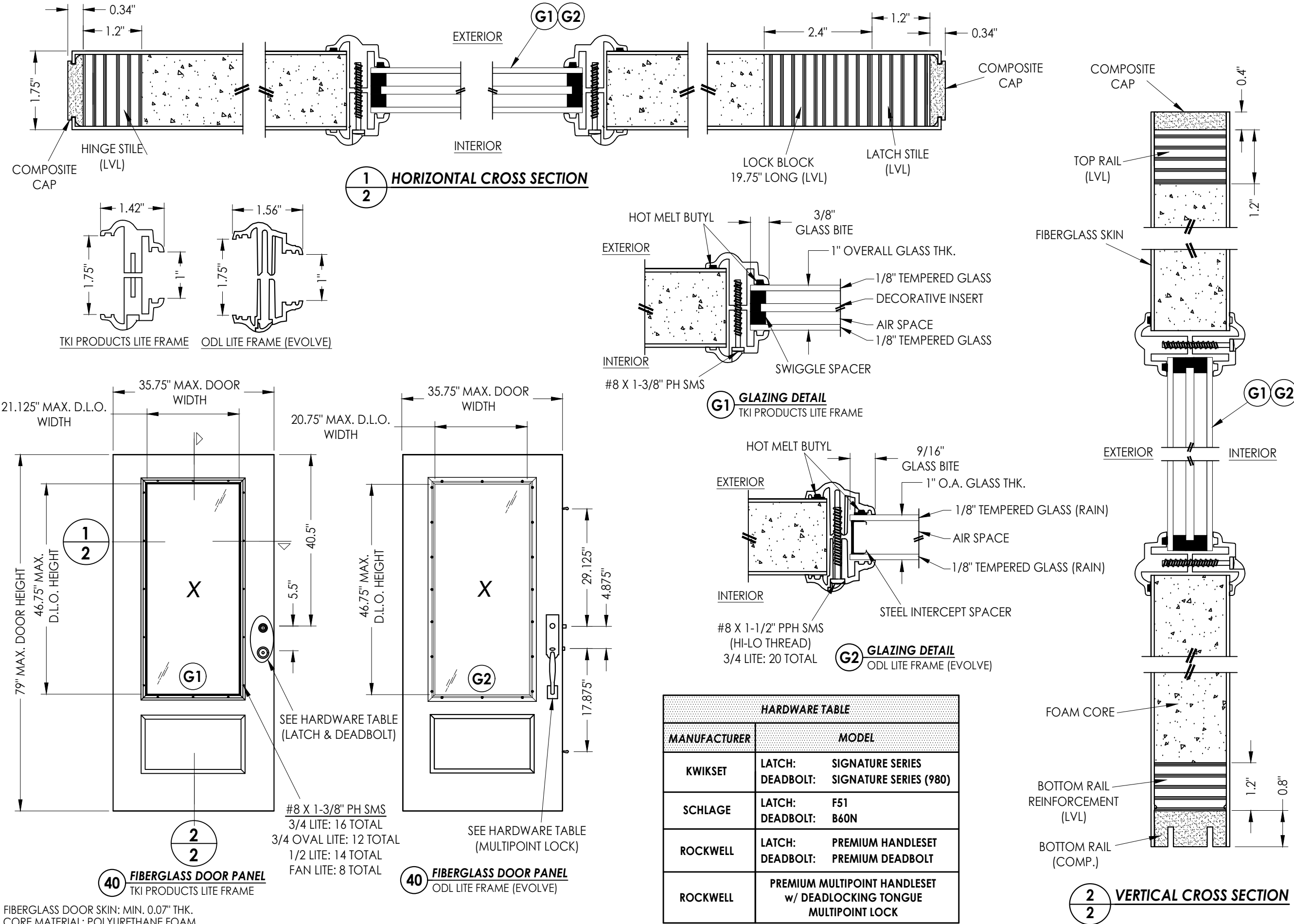


Z:\2023 FBC Drawings\Steves & Sons\FL-41477 R3\FL-41477.1.dwg



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

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

STEVES & SONS
FIBERGLASS DOOR

DATE: 4/26/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41477.1
SHEET 2 OF 13

Part or Assembly:
DOOR PANEL DETAILS

Product:
FIBERGLASS DOOR

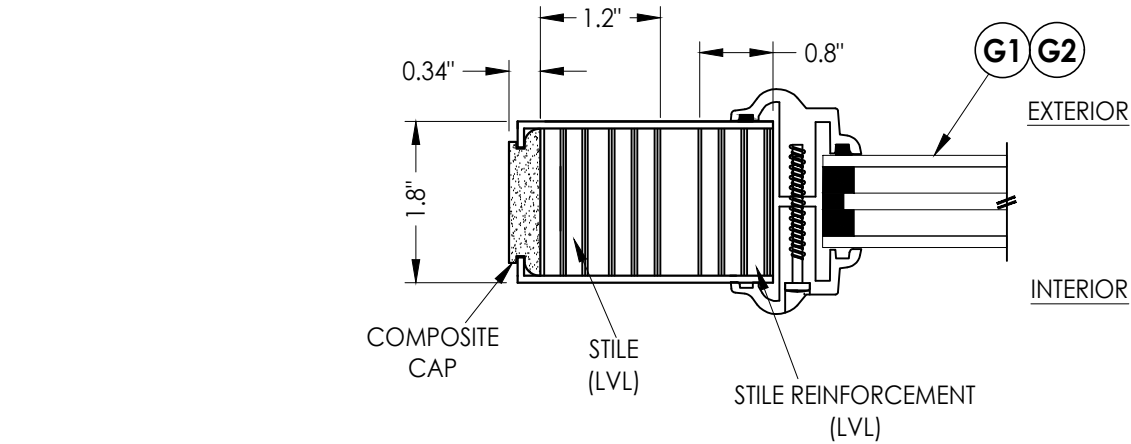
Revisions

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

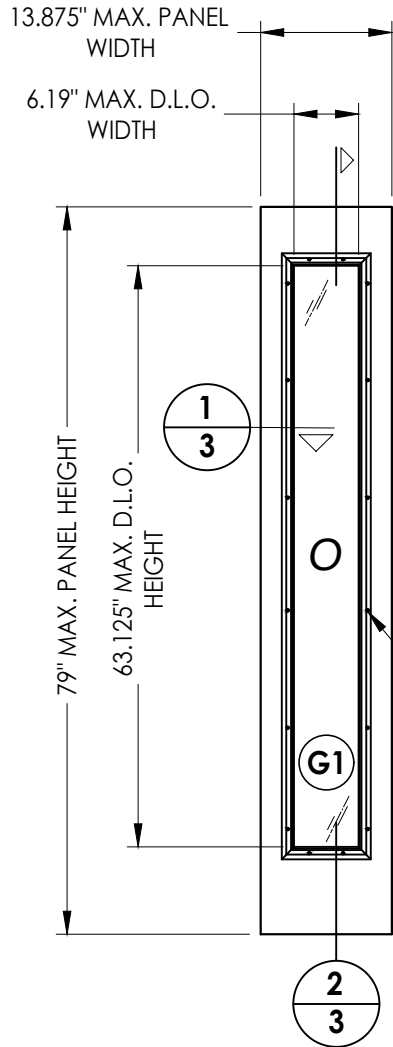
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2022 R.W. BUILDING CONSULTANTS INC.

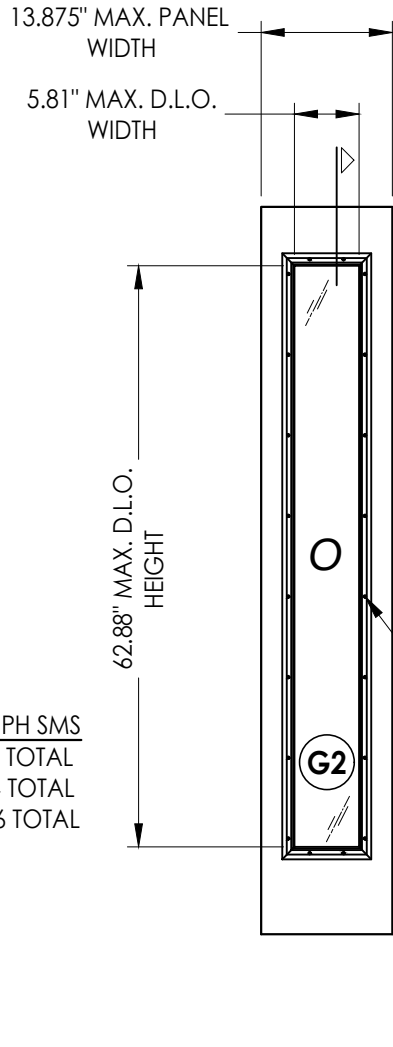
Z:\2023 FBC Drawings\Steves & Sons\FL-41477 R3\FL-41477.1.dwg



1
3 HORIZONTAL CROSS SECTION

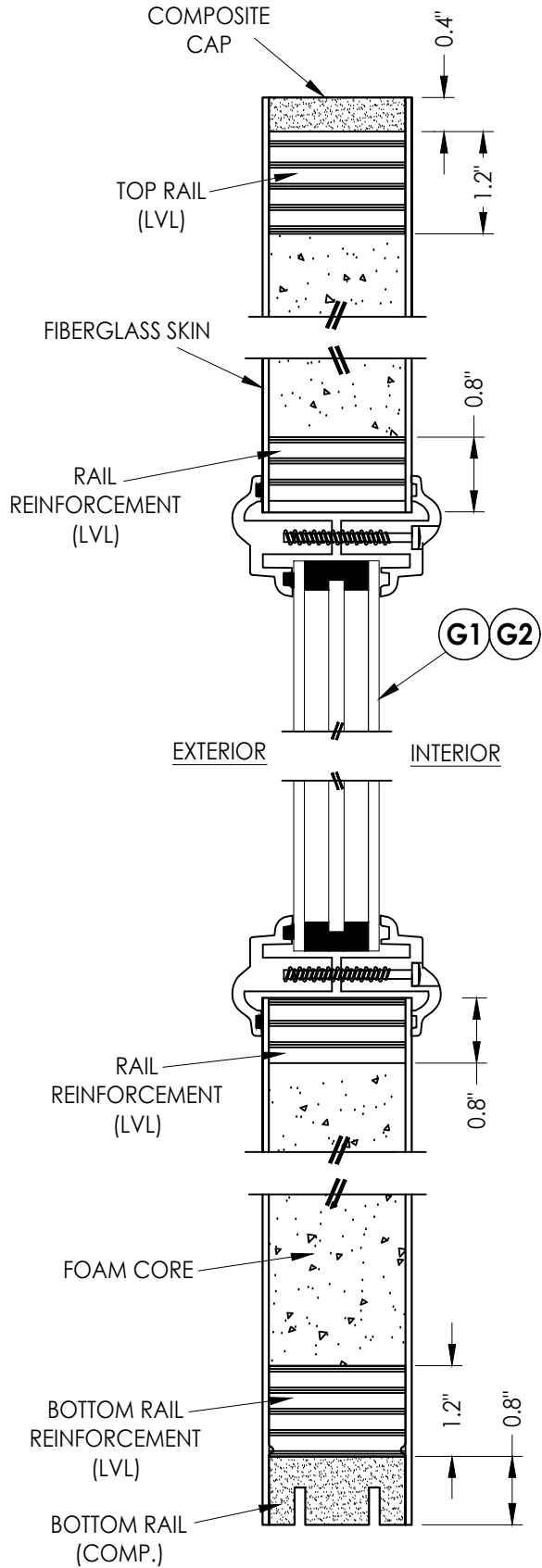


50 FIBERGLASS SIDELITE PANEL
TKI PRODUCTS LITE FRAME



50 FIBERGLASS SIDELITE PANEL
ODL LITE FRAME (EVOLVE)

FIBERGLASS SKIN: 0.07" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)



2
3 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:	STEVE'S & SONS FIBERGLASS DOOR
	PART OR ASSEMBLY: SIDELITE PANEL DETAILS

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

DATE: 4/26/22

SCALE: N.T.S.

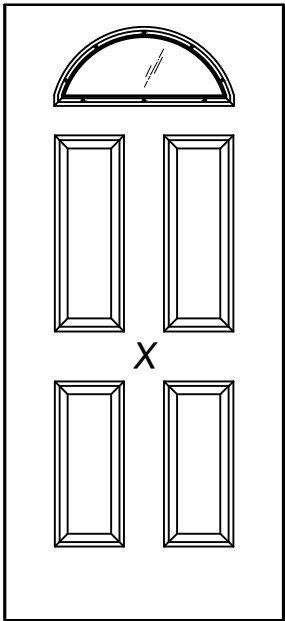
DWG. BY: RW

CHK. BY: LFS

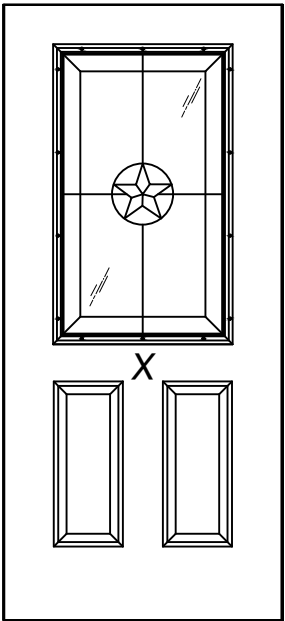
DRAWING NO.: FL-41477.1

SHEET 3 OF 13

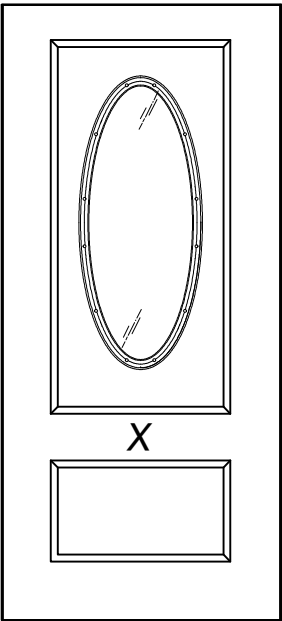
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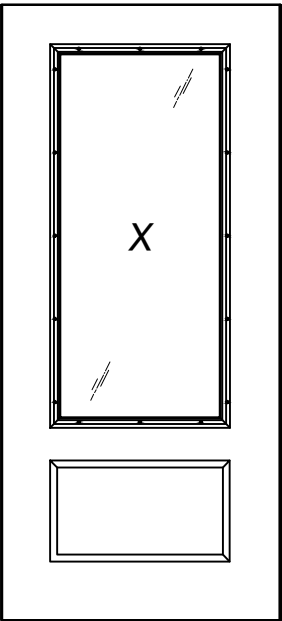
FAN LITE



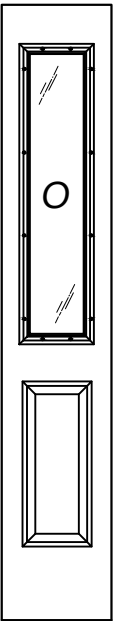
1/2 LITE



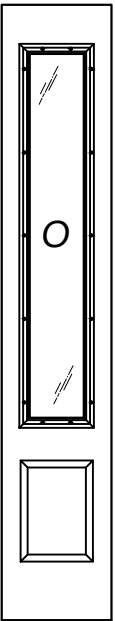
3/4 OVAL LITE



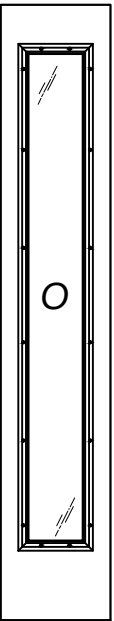
3/4 LITE



1/2 LITE



3/4 LITE



FULL LITE

RELIANT DECORATIVE COLLECTION

RELIANT SIDELITE

DATE: 4/26/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41477.1
SHEET 4 OF 13

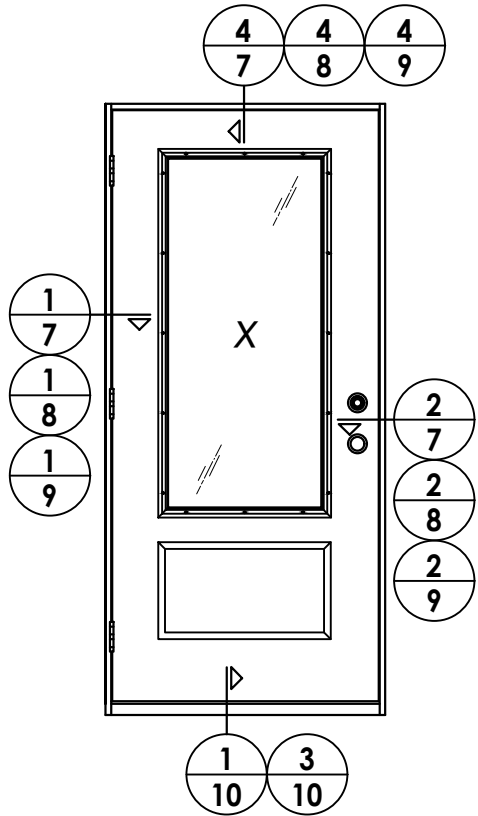
NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/02/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

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

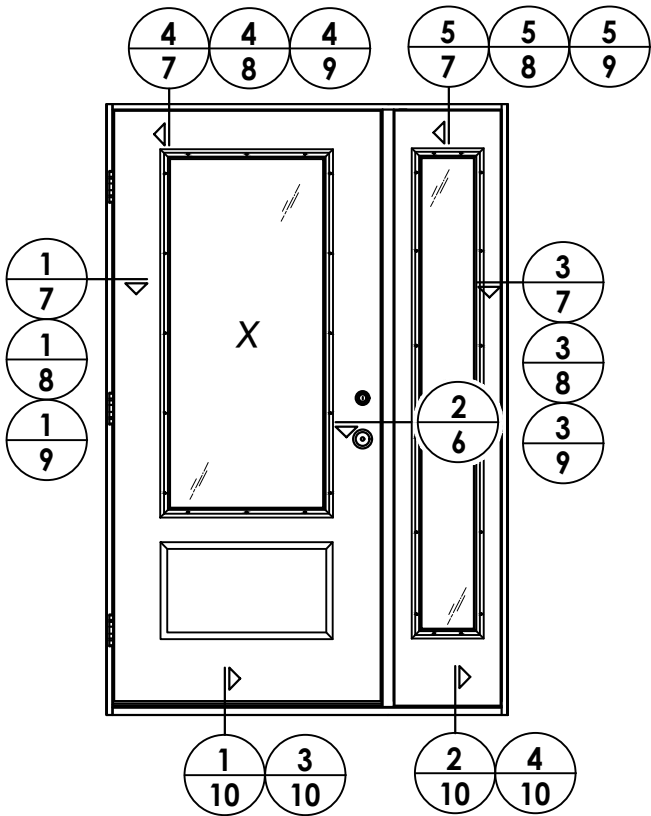
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

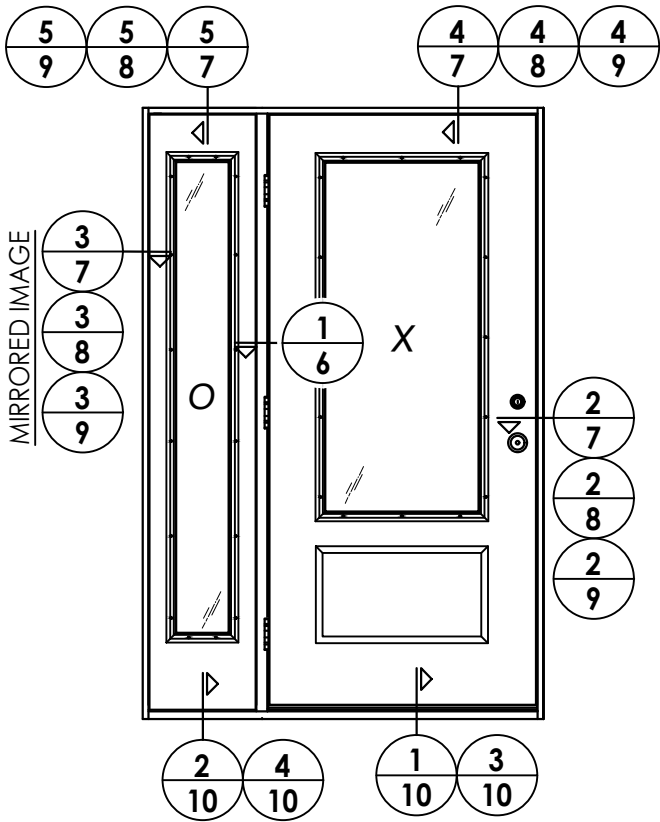
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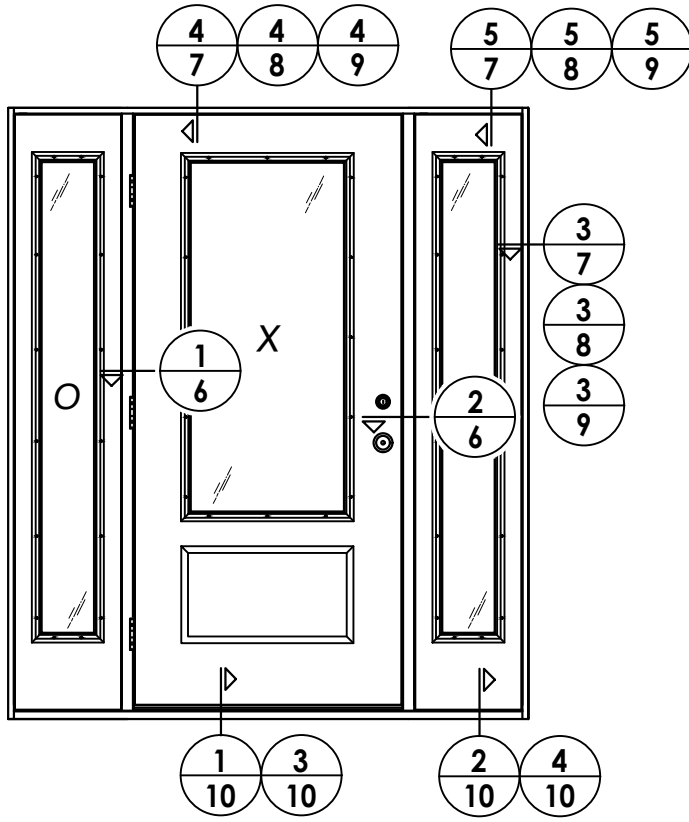
ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OX / XO
(CENTER HINGED)



ELEVATION
OXO

DATE: 4/26/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41477.1
SHEET 5 OF 13

PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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

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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.



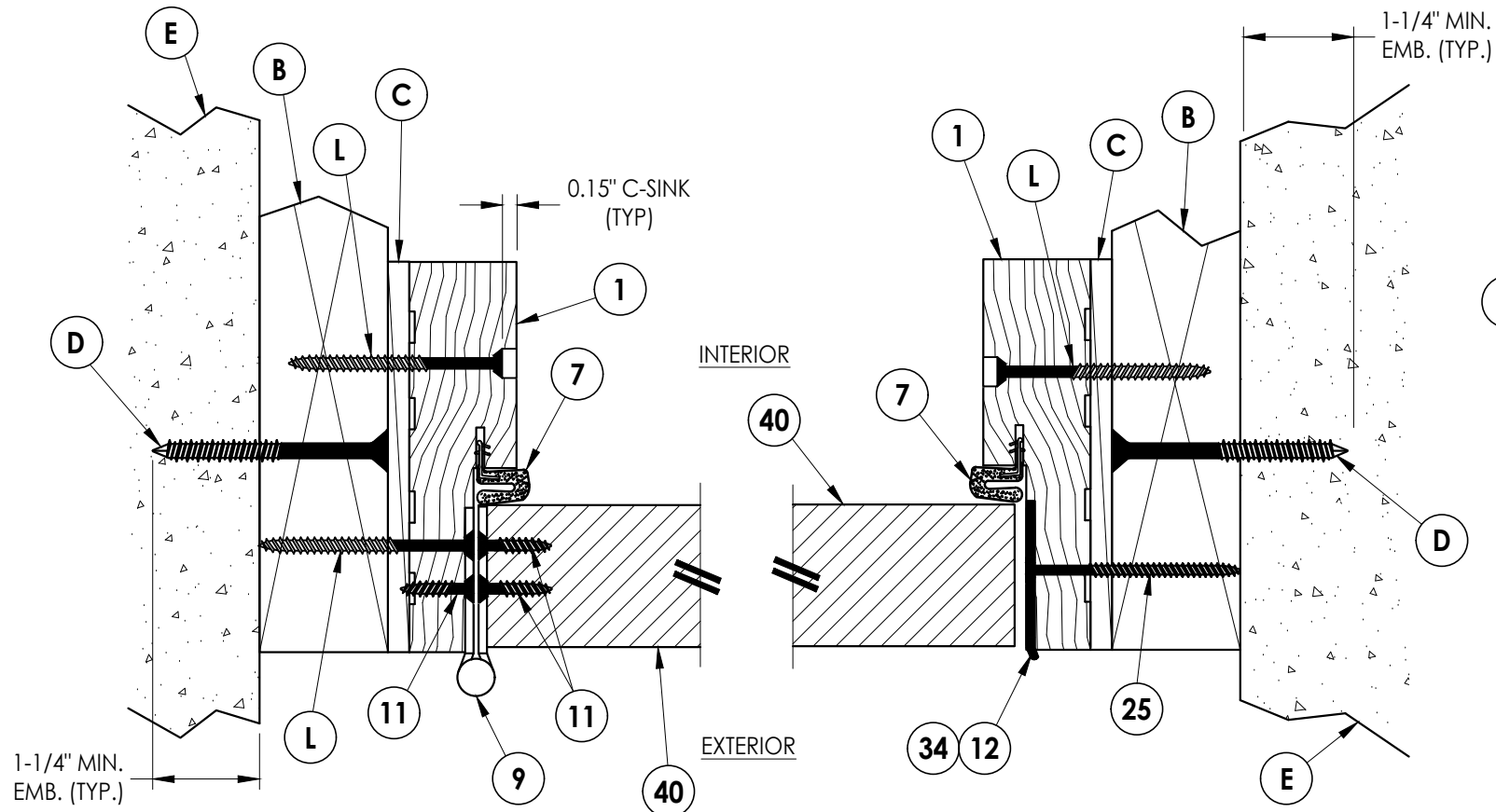
EXTERIOR

[illegible]

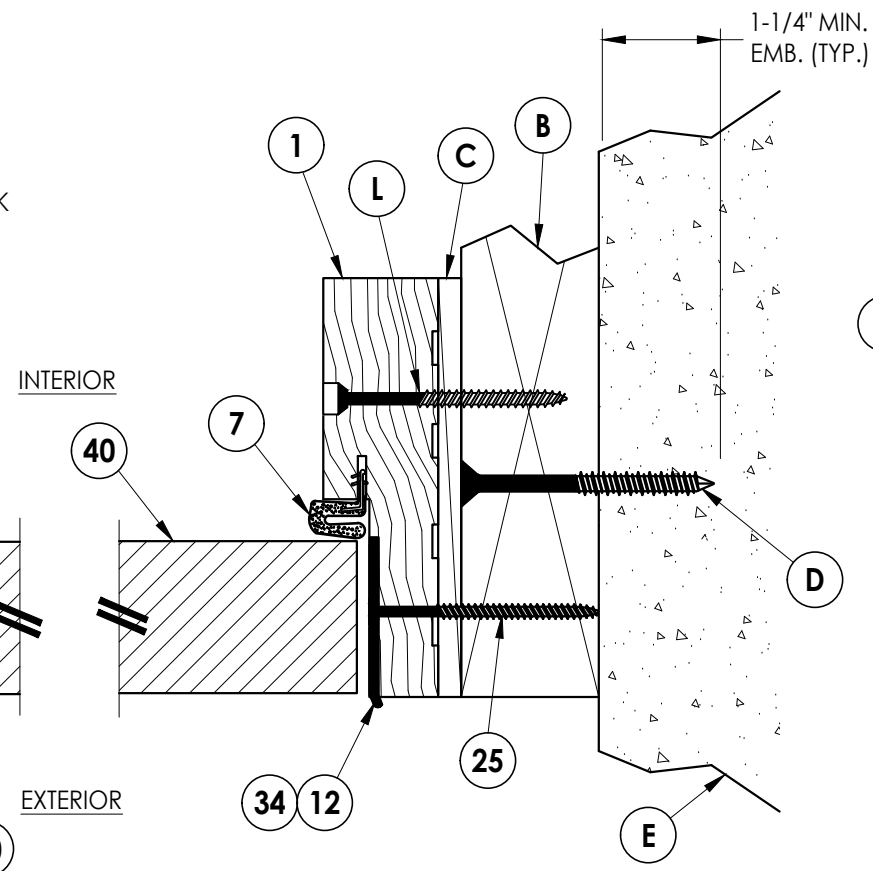
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487

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

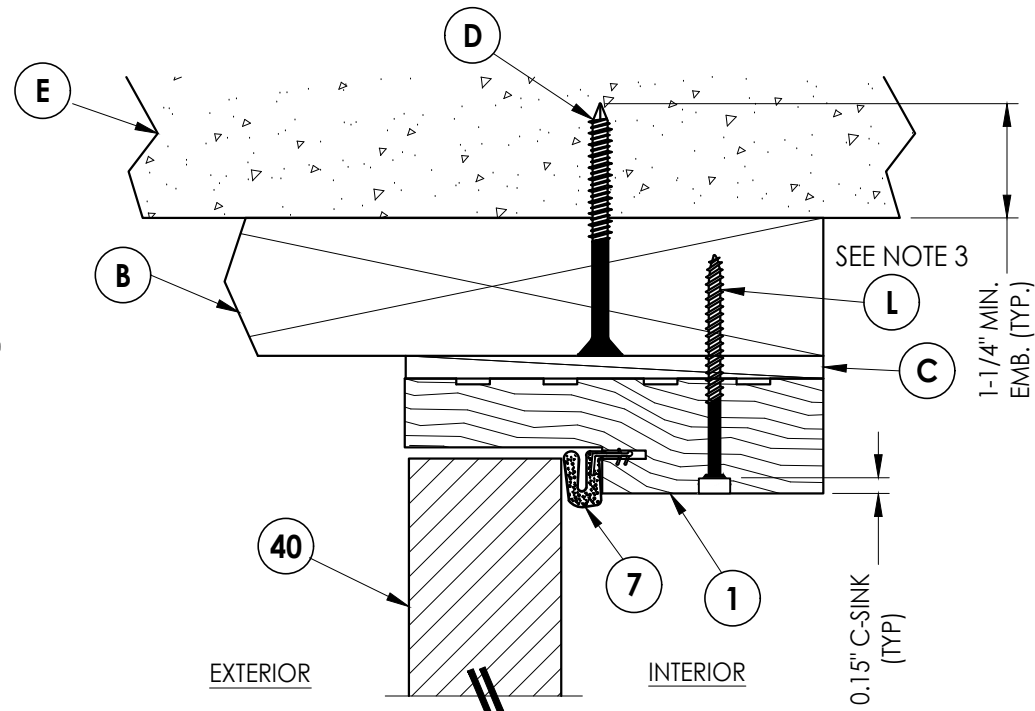
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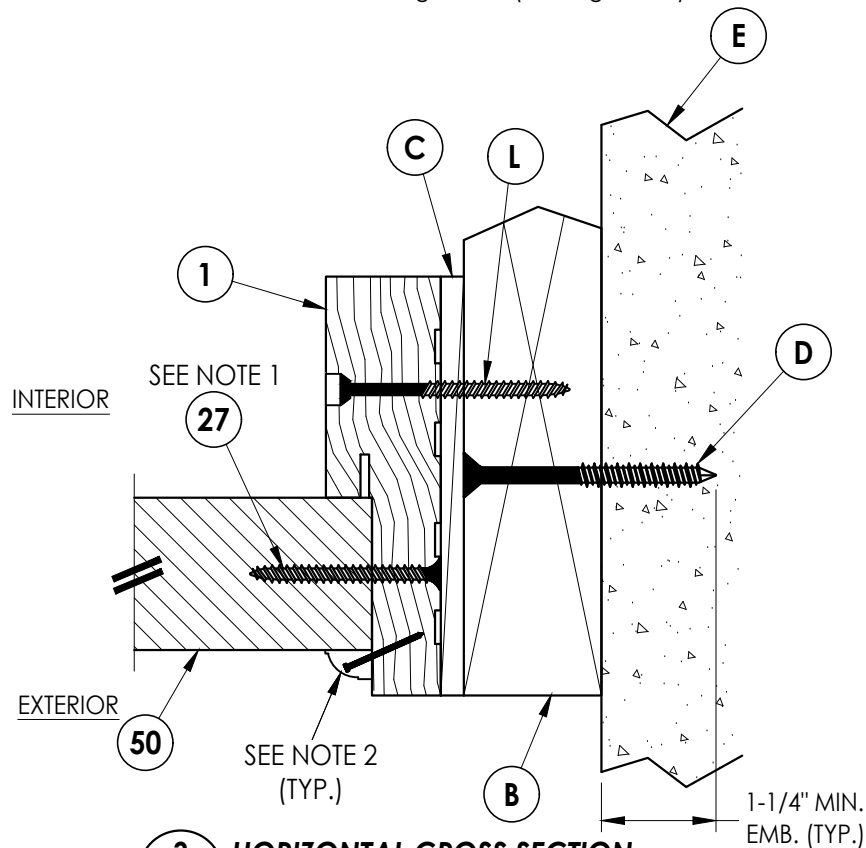
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



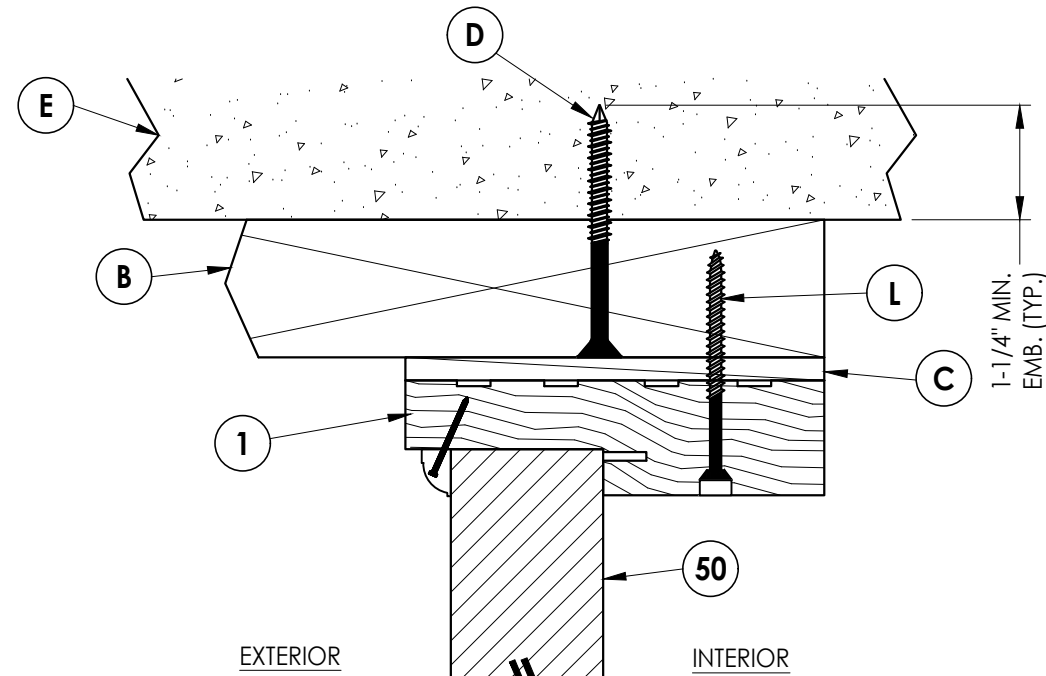
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



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

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

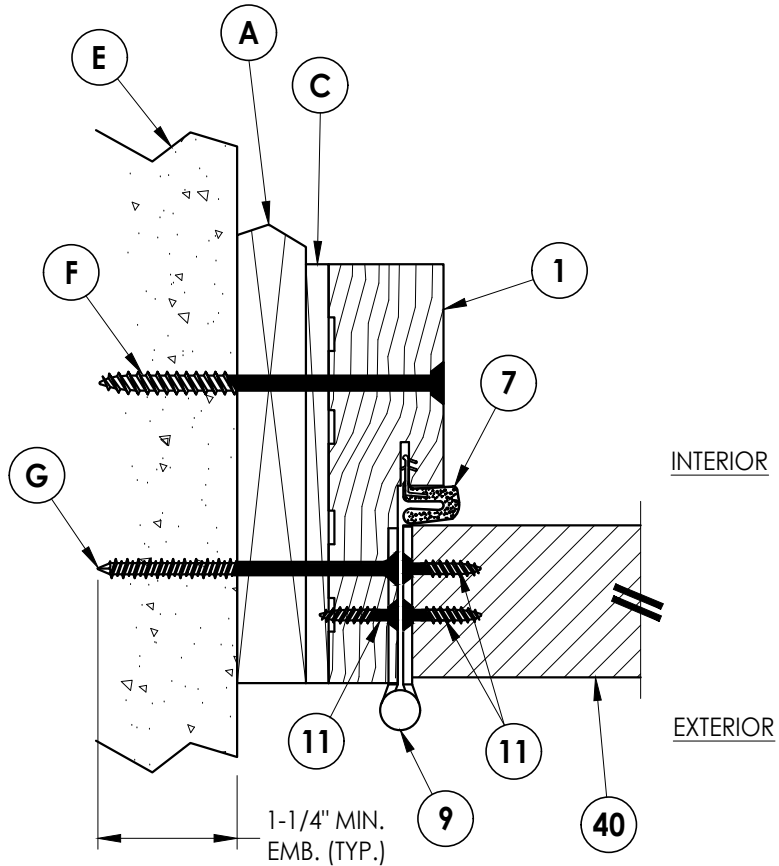
PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

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

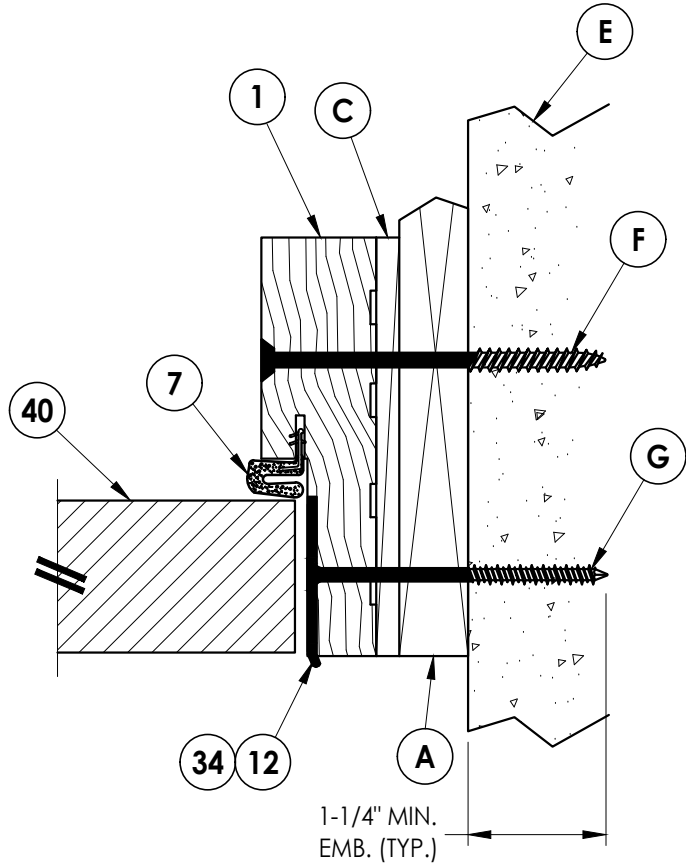
NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/02/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 4/26/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41477.1
SHEET 7 OF 13

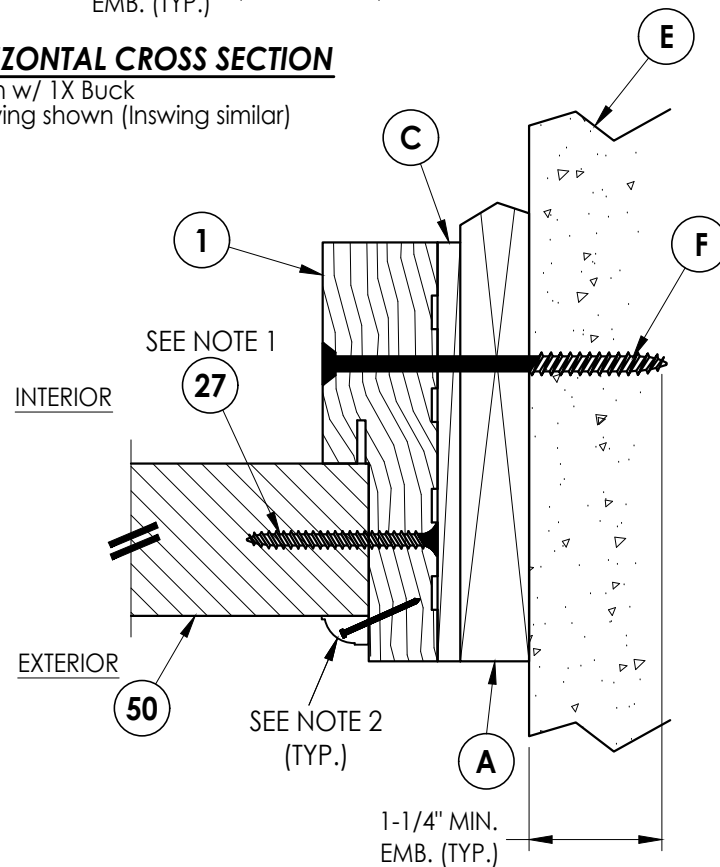
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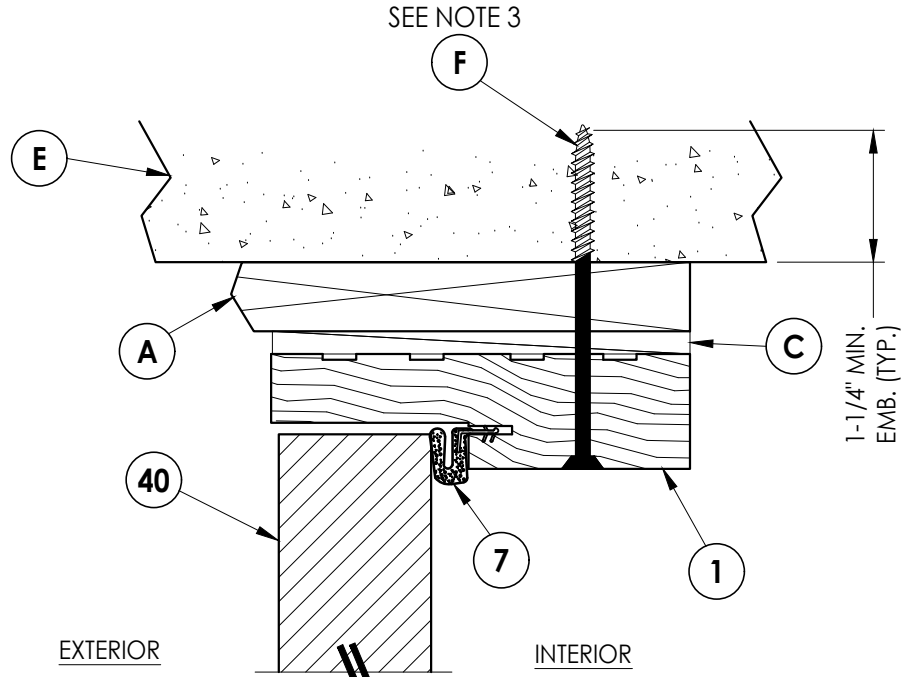
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8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



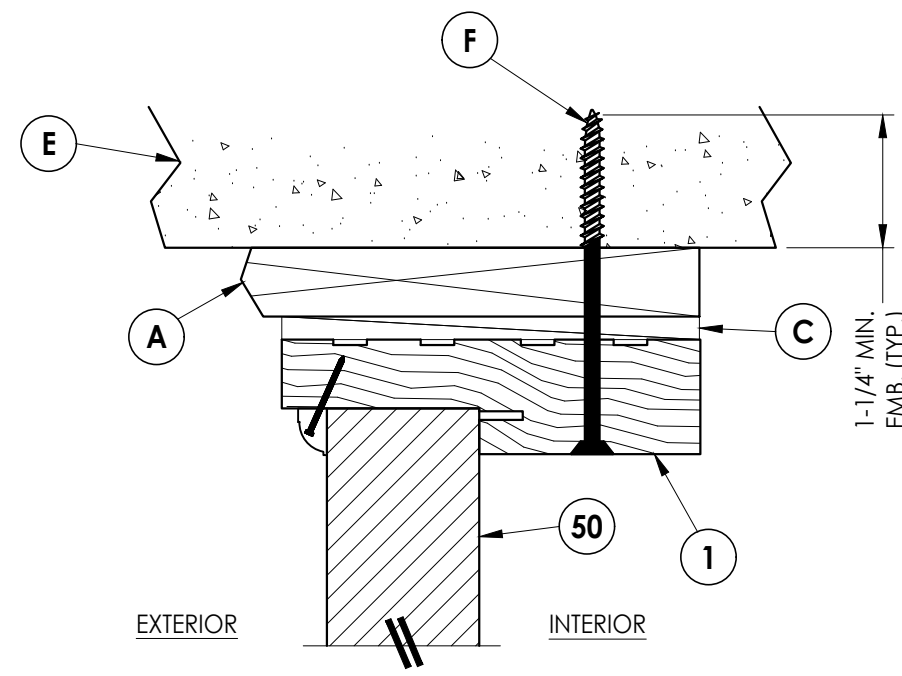
2
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



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

DATE: 4/26/22

SCALE: N.T.S.

DWG. BY: RW

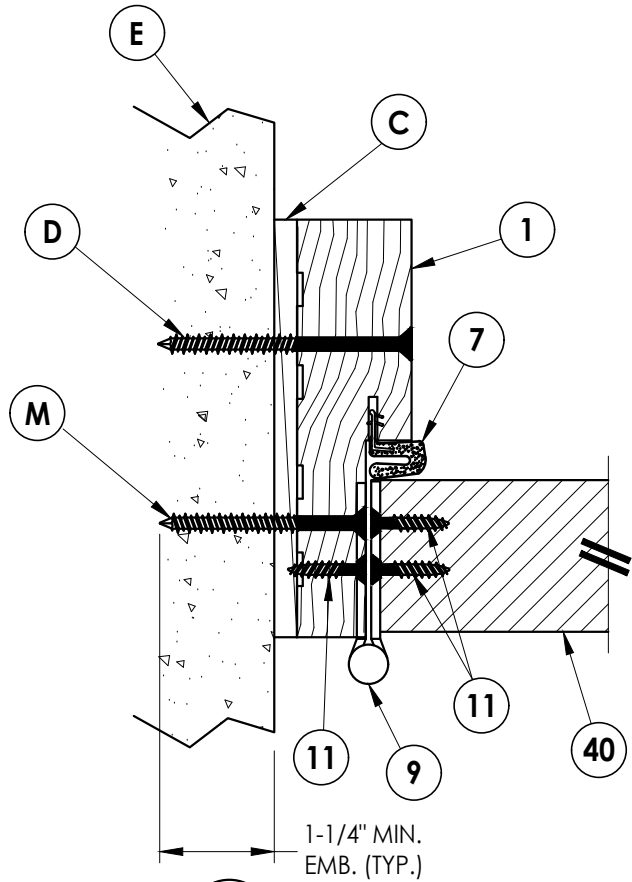
CHK. BY: LFS

DRAWING NO.:

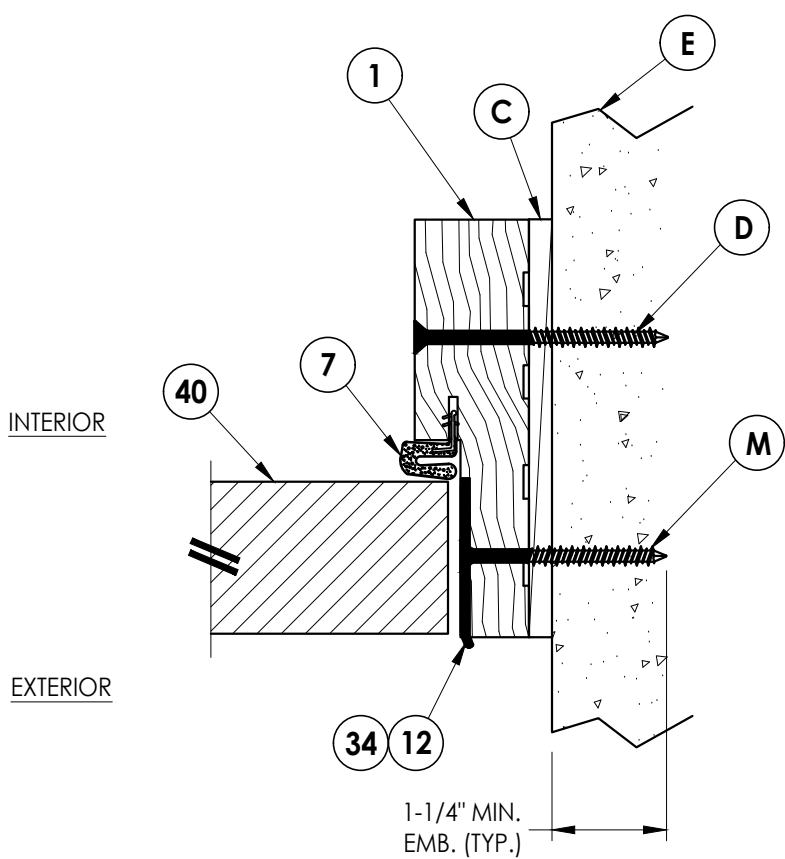
FL-41477.1

SHEET 8 OF 13

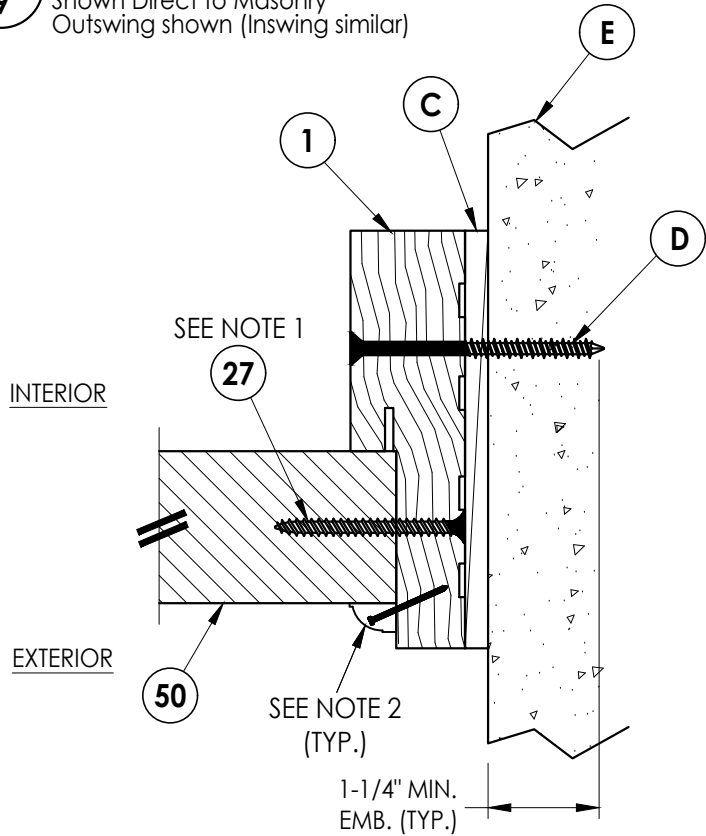
Z:\2023 FBC Drawings\Steves & Sons\FL-41477 R3\FL-41477.1.dwg



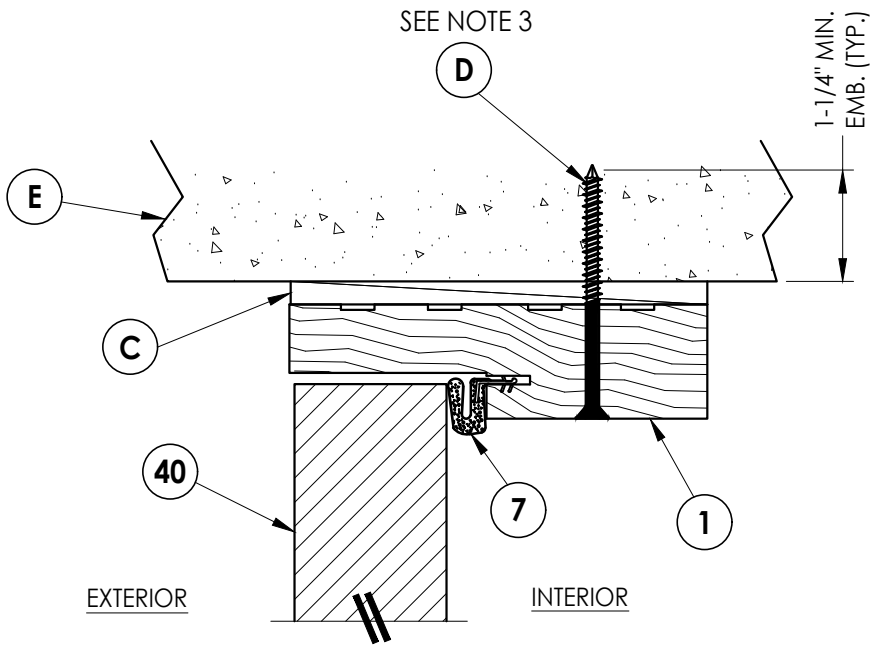
1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



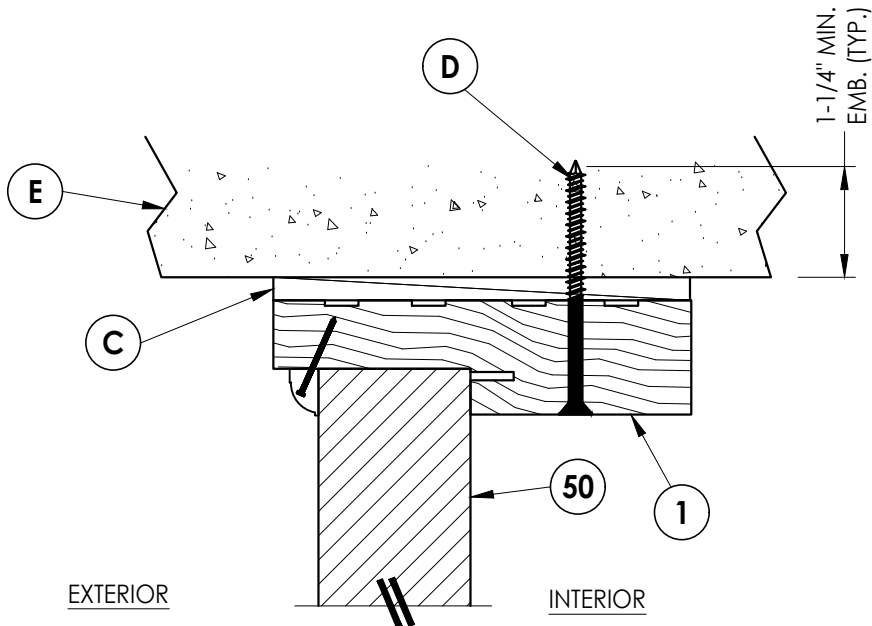
2
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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)



5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
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

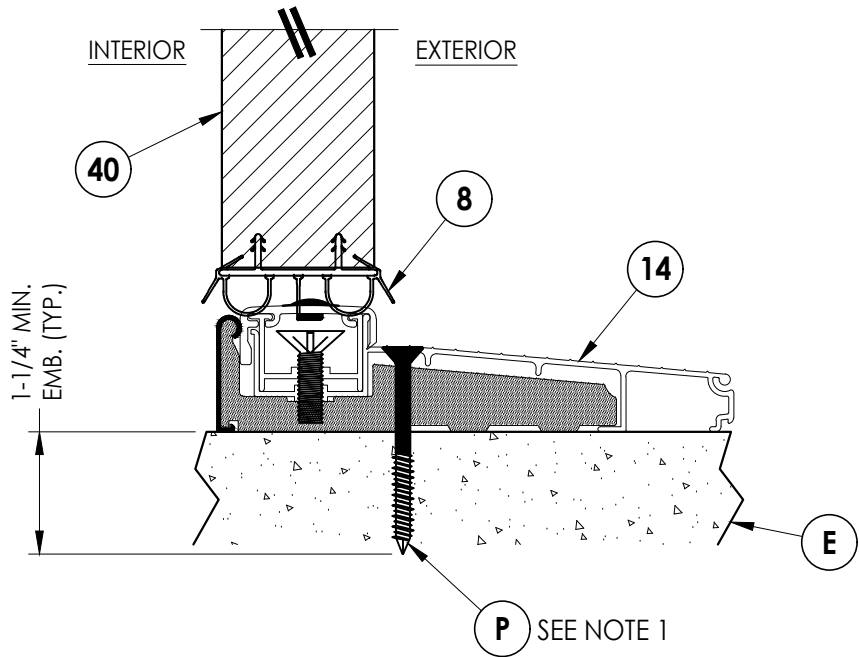
RW BUILDING CONSULTANTS, INC.

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

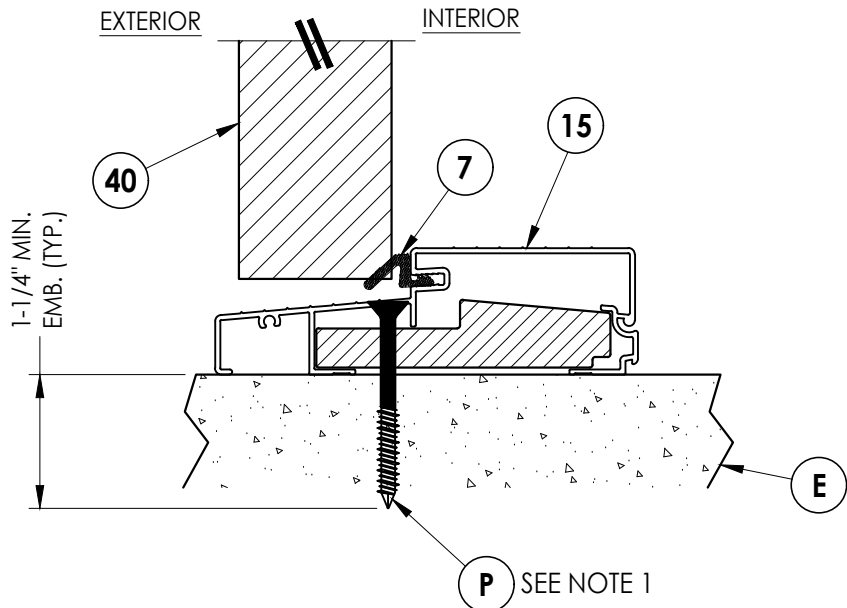
PRODUCT:		PART OR ASSEMBLY:	
STEVE'S & SONS FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	BY
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/02/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/02/23	DATE	FBC
DATE: 4/26/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-41477.1			
SHEET 9 OF 13			

Z:\2023 FBC Drawings\Steves & Sons\FL-41477 R3\FL-41477.1.dwg

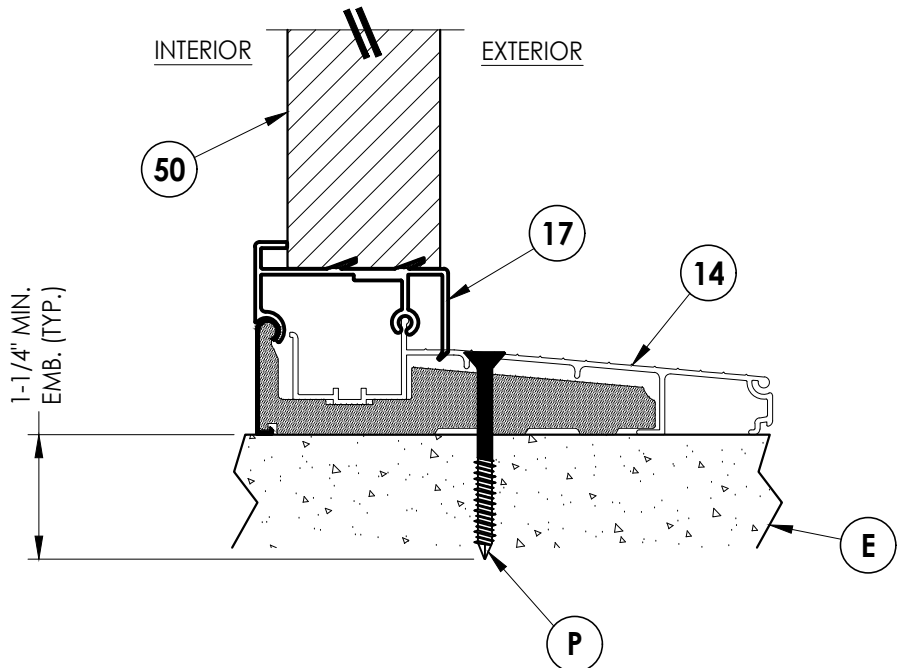
Note:
1. Anchor @ sill is not required for single door (X) only.



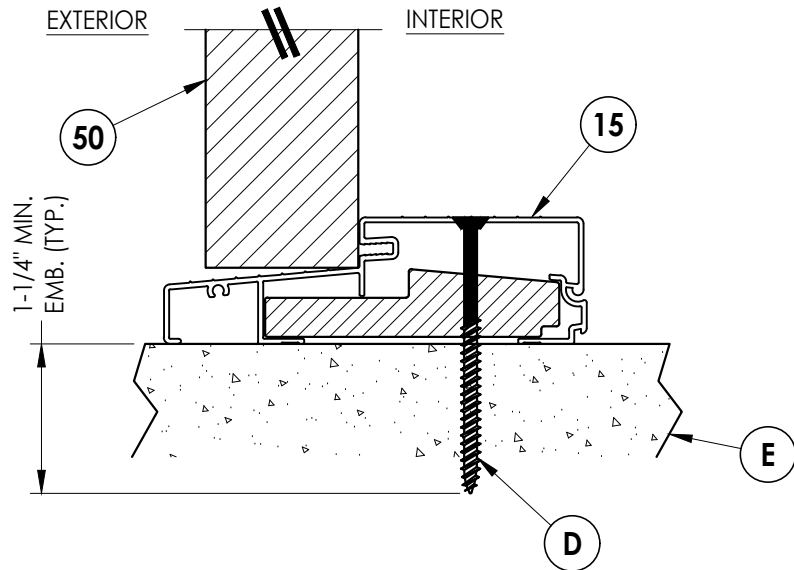
1
10 **VERTICAL CROSS SECTION**
Inswing Threshold



2
10 **VERTICAL CROSS SECTION**
Outswing Threshold



3
10 **VERTICAL CROSS SECTION**
Inswing Threshold



4
10 **VERTICAL CROSS SECTION**
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:
STEVE'S & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

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

DATE: 4/26/22

SCALE: N.T.S.

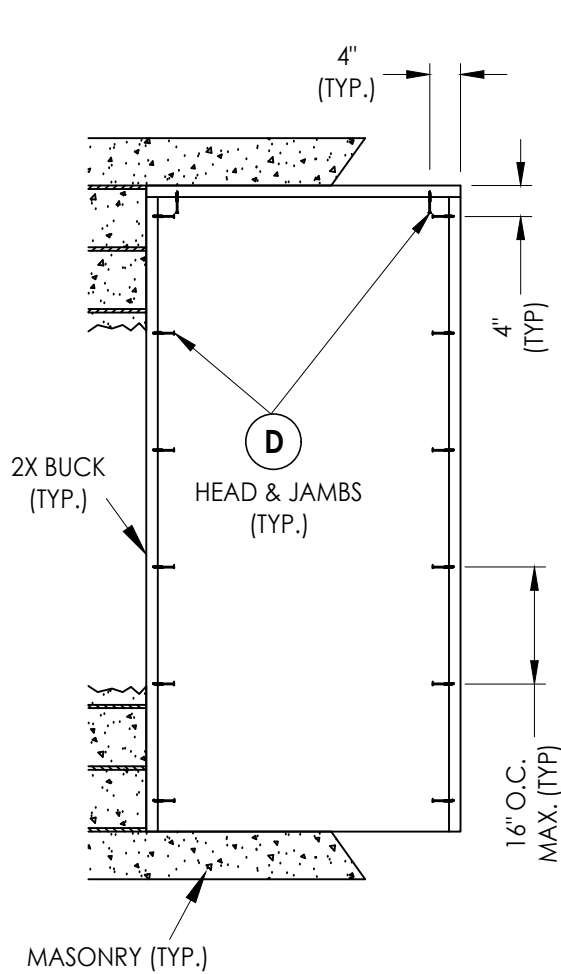
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CHK. BY: LFS

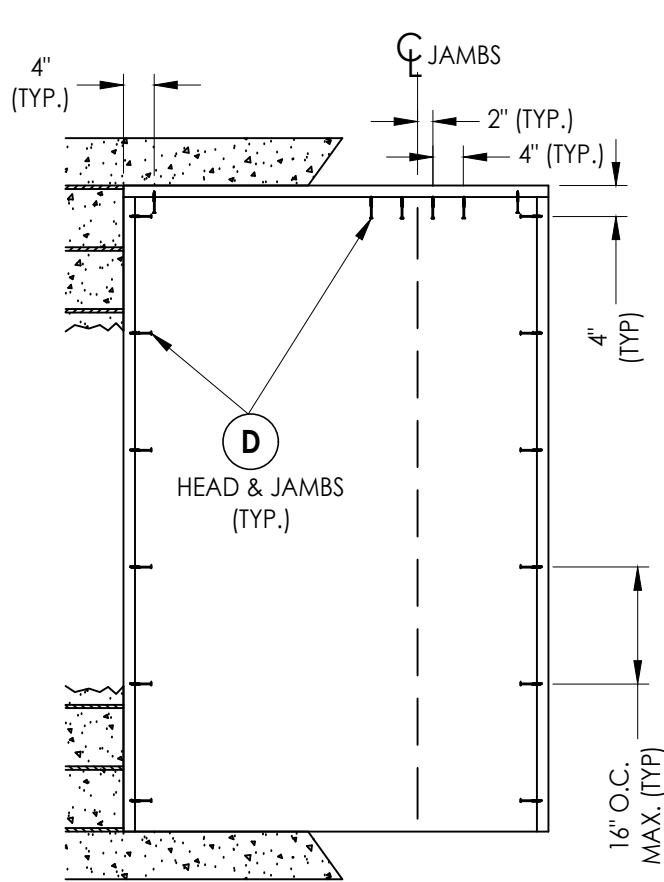
DRAWING NO.:
FL-41477.1

SHEET 10 OF 13

Z:\2023 FBC Drawings\Steves & Sons\FL-41477 R3\FL-41477.1.dwg

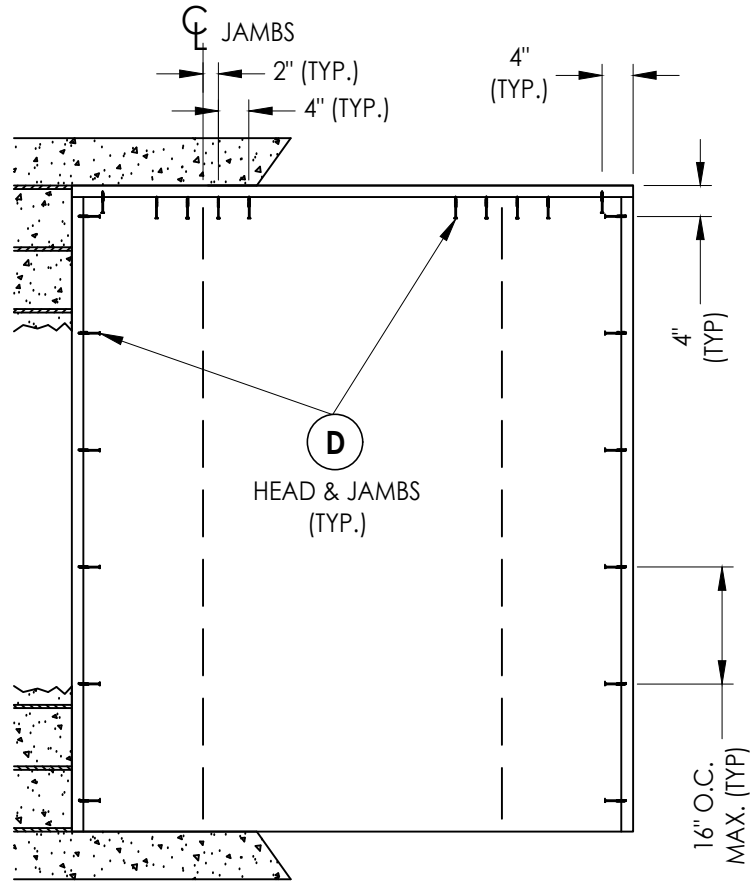


X



XO, OX

2X BUCK ANCHORING



OXO

DATE: 4/26/22	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-41477.1	
SHEET	11 OF 13

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

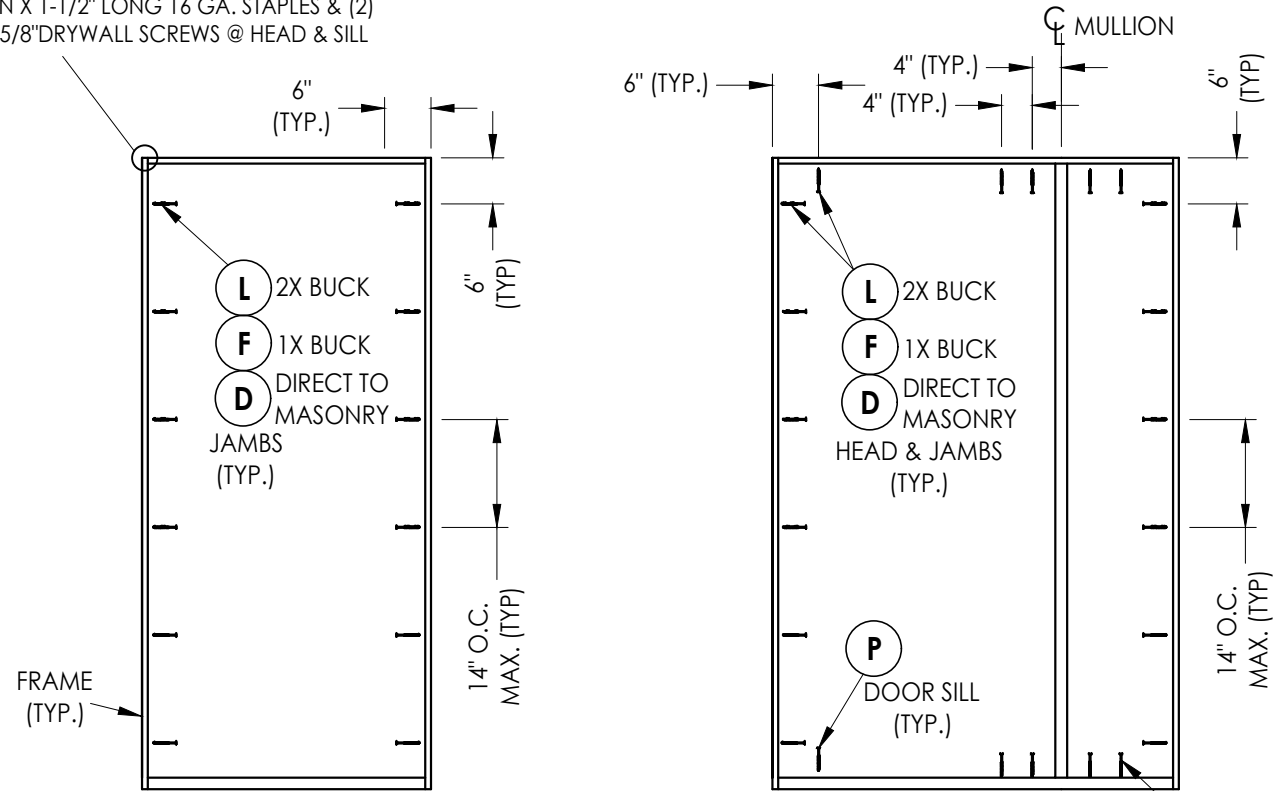
PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

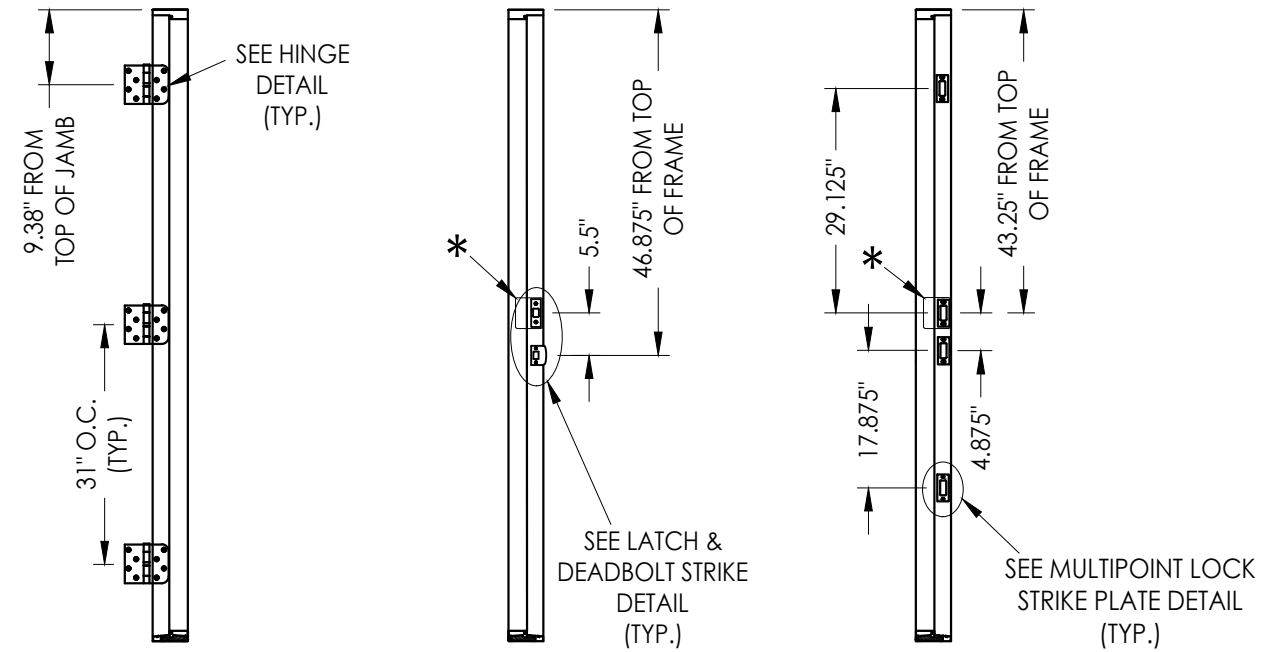
RW

BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

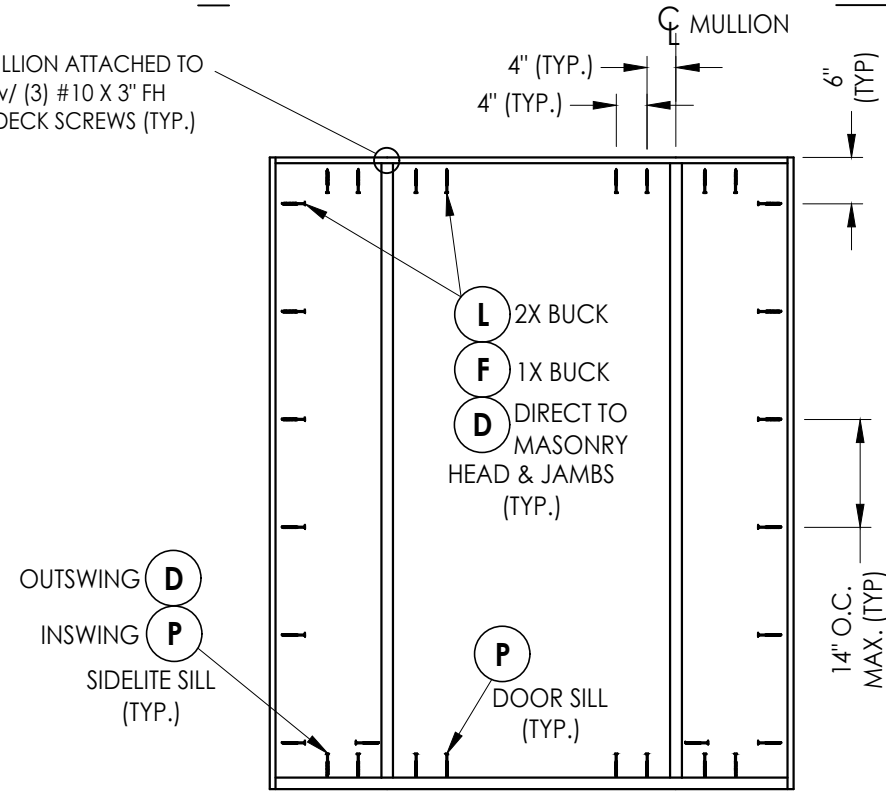
FRAME CORNERS ATTACHED w/ (3) 7/16"
CROWN X 1-1/2" LONG 16 GA. STAPLES & (2)
#7 X 1-5/8" DRYWALL SCREWS @ HEAD & SILL
(TYP.)



* 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.)

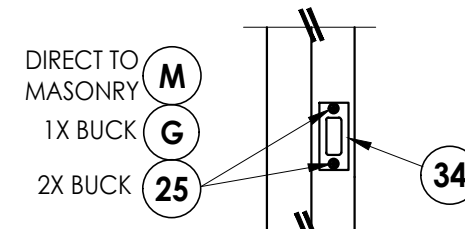


D OUTSWING
P INSWING
SIDELITE SILL
(TYP.)

HINGE JAMB/MULLION

STRIKE JAMB/MULLION

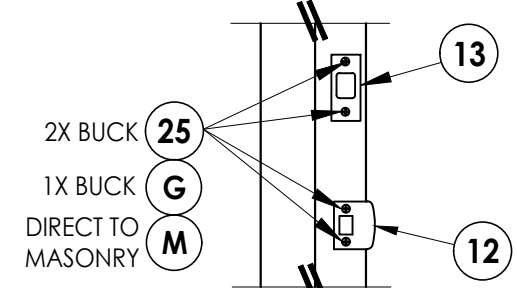
LATCH & DEADBOLT



ROCKWELL MULTIPOINT LOCK HARDWARE

STRIKE JAMB/MULLION

MULTIPOINT LOCK

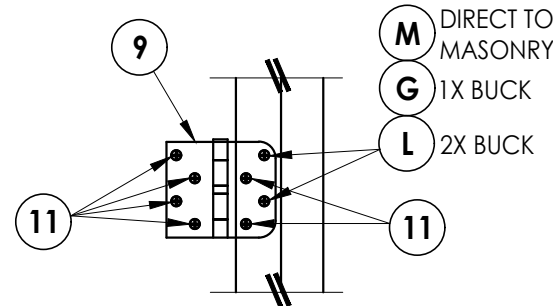


ROCKWELL HARDWARE

FRAME ANCHORING

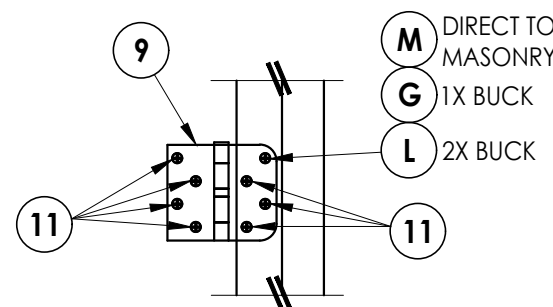
HINGE DETAIL

INSWING

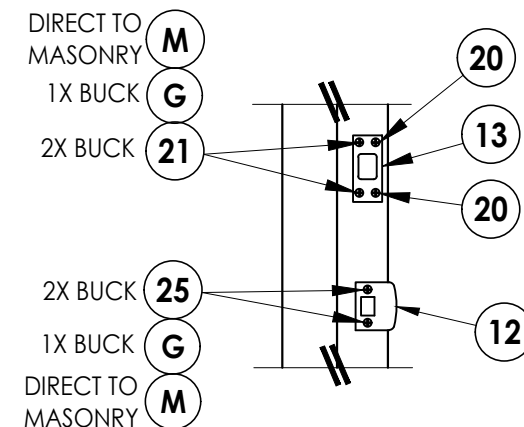
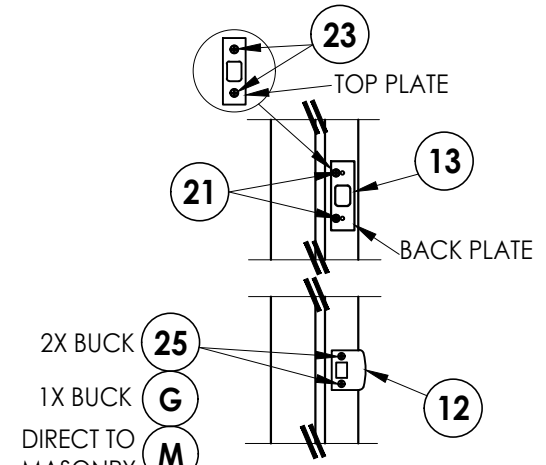


HINGE DETAIL

OUTSWING



HARDWARE DETAILS

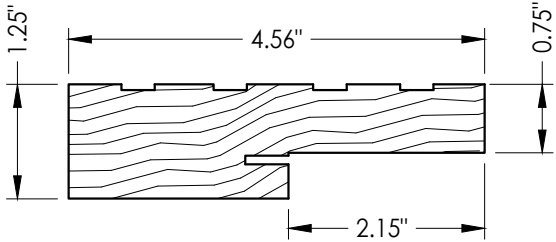
**KWIKSET HARDWARE**

SCHLAGE HARDWARE

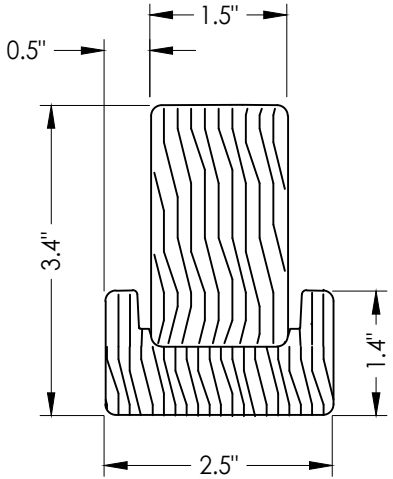
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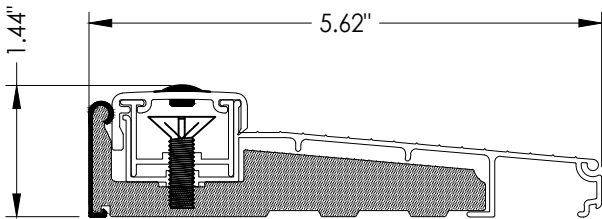
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" 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	WOOD JAMB	WOOD
3	WOOD MULLION	WOOD
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	-



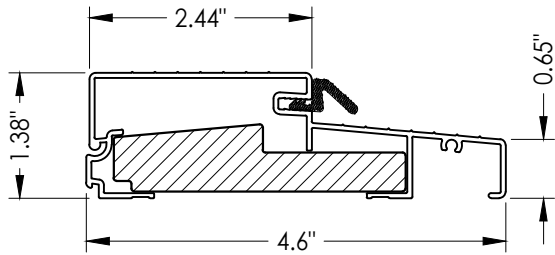
1 WOOD JAMB
FINGER JOINT PINE



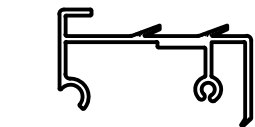
3 WOOD MULLION
CLEAR POPLAR



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 BUILDDEX 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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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
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

DATE: 4/26/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-41477.1

SHEET 13 OF 13