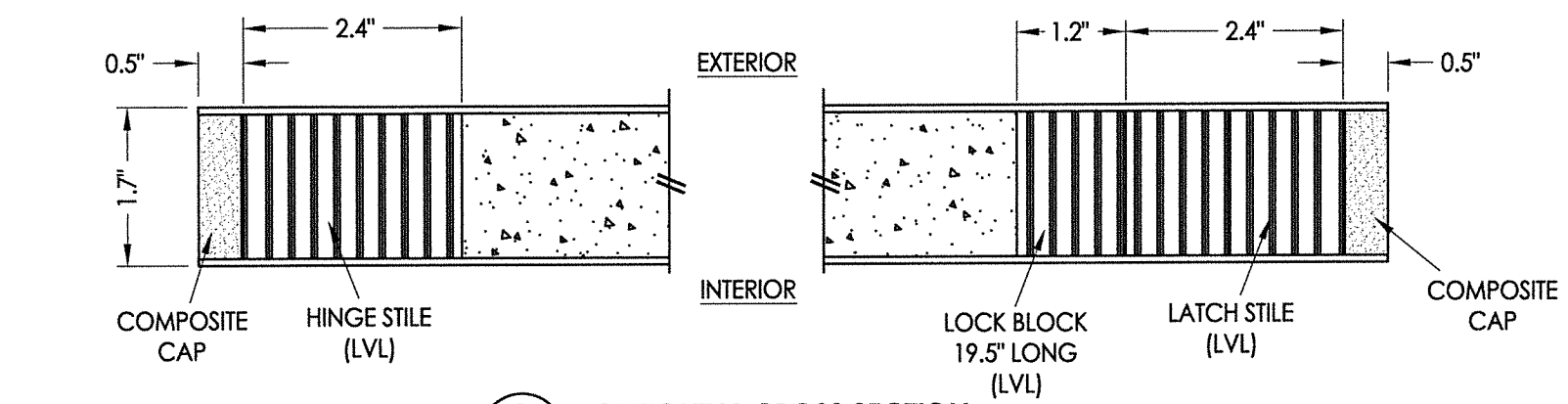
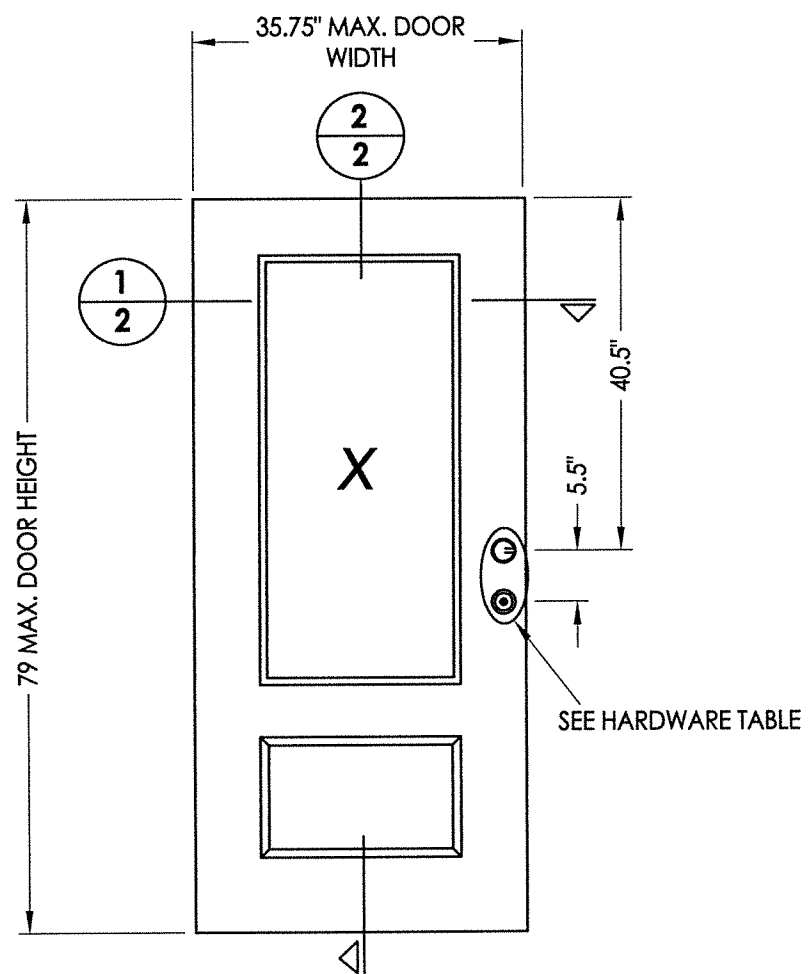


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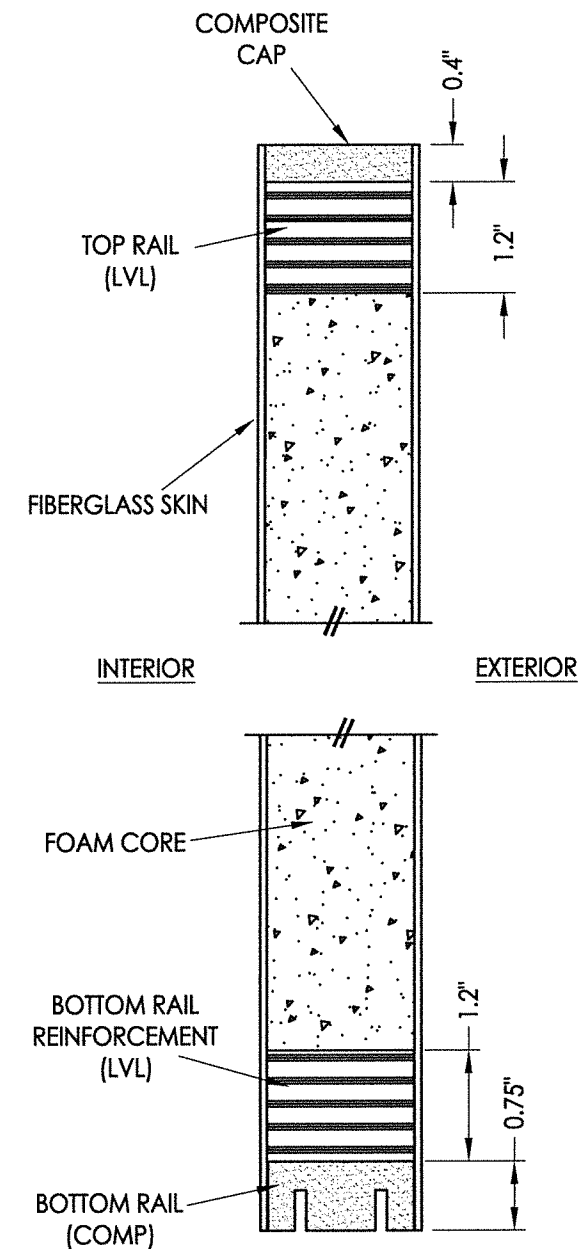
1
2 HORIZONTAL CROSS SECTION



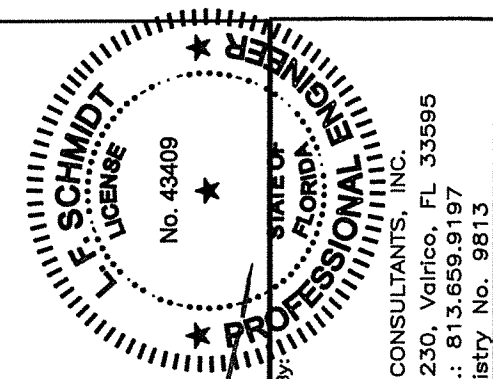
40 FIBERGLASS DOOR PANEL

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

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



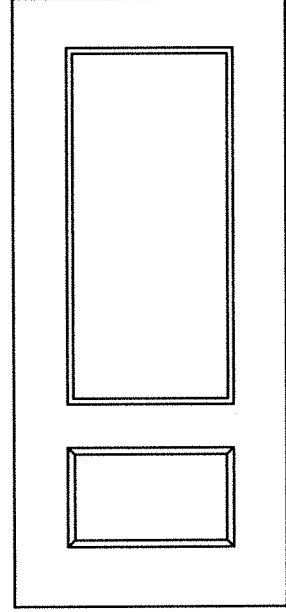
2
2 VERTICAL CROSS SECTION



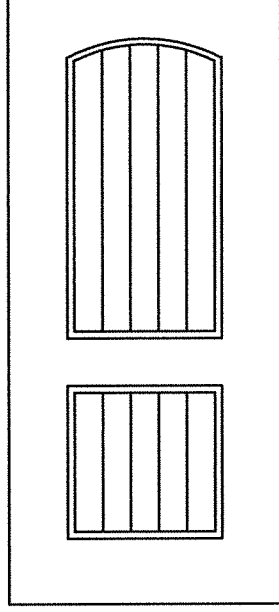
June 7, 2022
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	STEVES & SONS FIBERGLASS DOOR	
PART OR ASSEMBLY:	DOOR PANEL DETAILS	
NO.	DATE	BY
		REVISIONS
DATE: 4/20/22		
SCALE: N.T.S.		
DWG. BY: RW		
CHK. BY: LFS		
DRAWING NO.: FL-41479.7		
SHEET 2 OF 10		

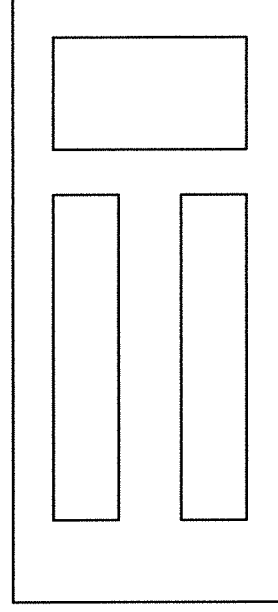
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2 PANEL
3/4 SQUARE TOP

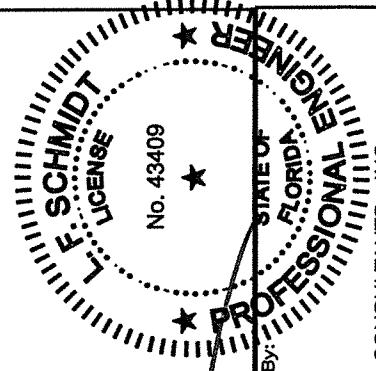


2 PANEL
PLANK



3 PANEL
CRAFTSMAN

LEGACY PANEL COLLECTION



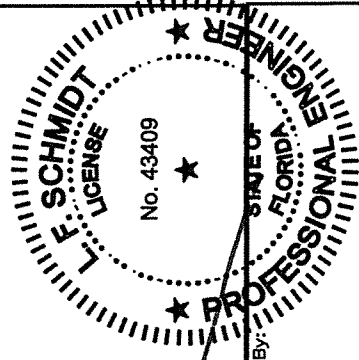
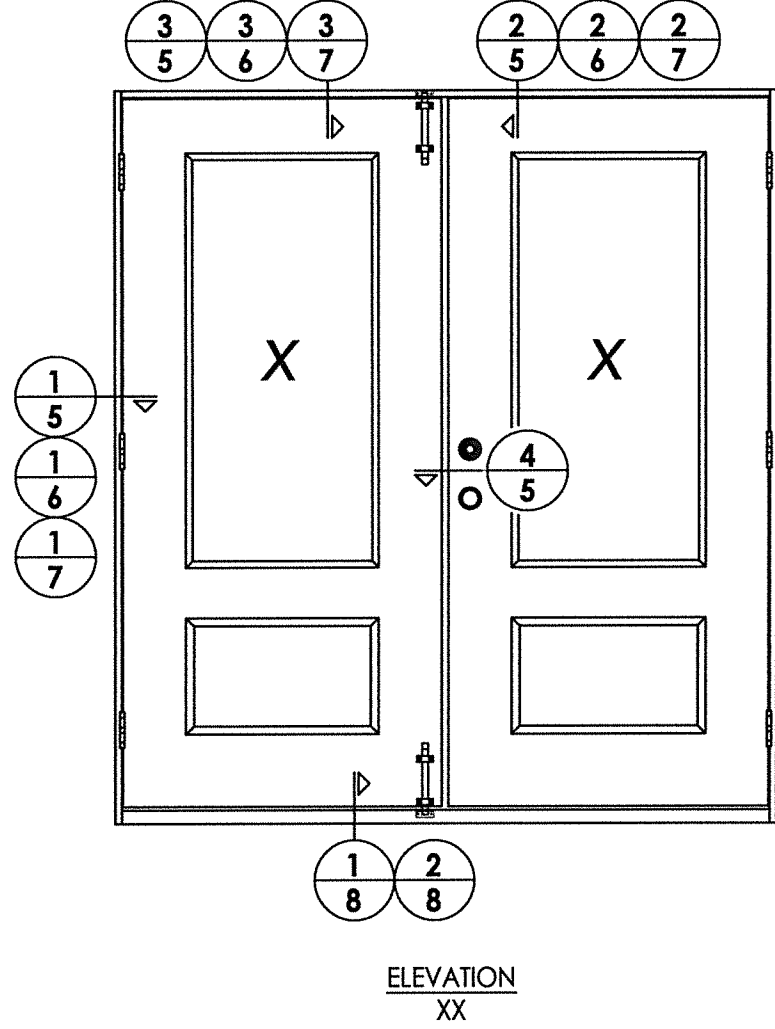
LFS

June 7, 2022

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 4-3409

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: PANEL OPTIONS	
NO.	DATE
REVISIONS	
BY	
DATE: 4/20/22	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-41479.7	
SHEET 3 OF 10	

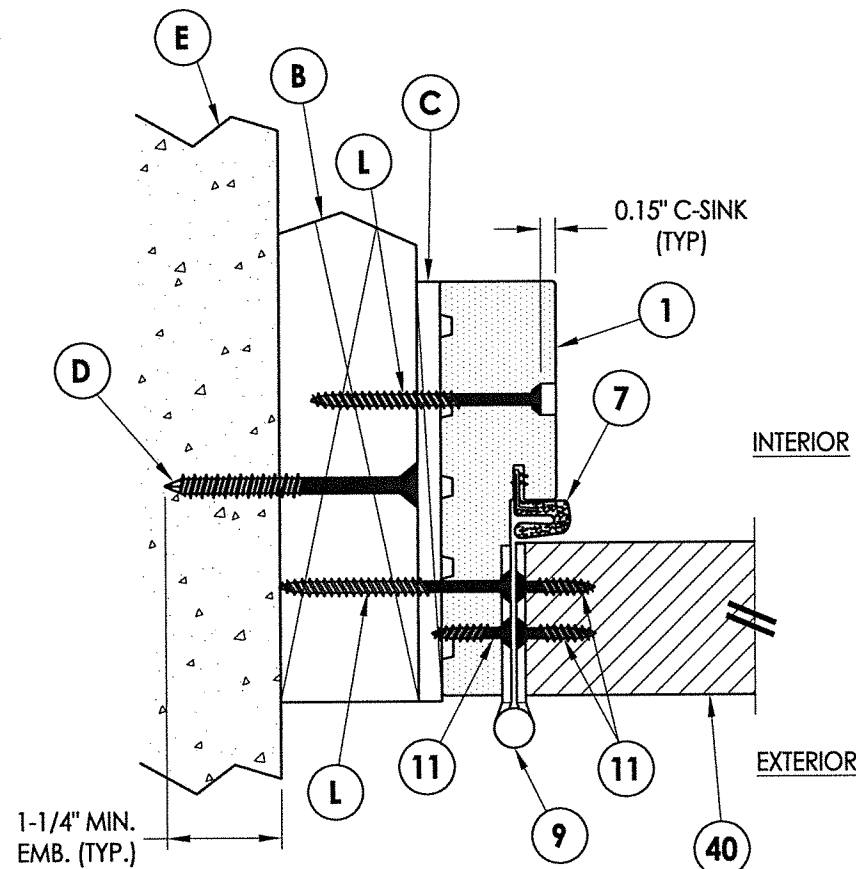


Lyndon F. Schmidt

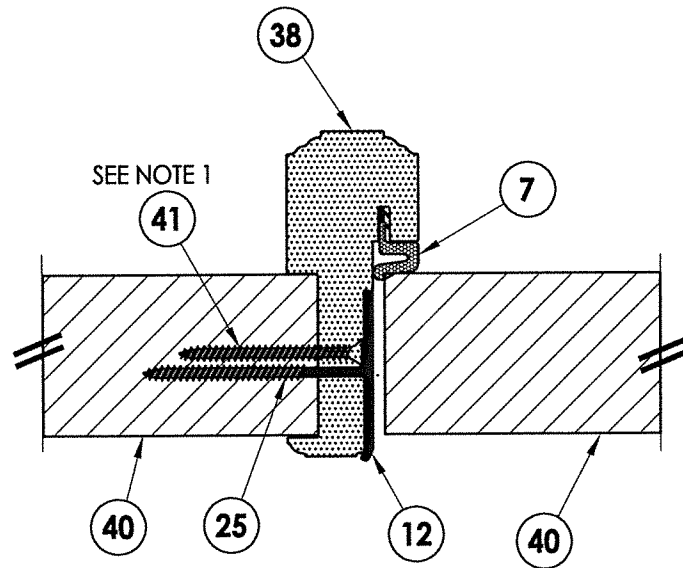
June 7, 2022
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

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

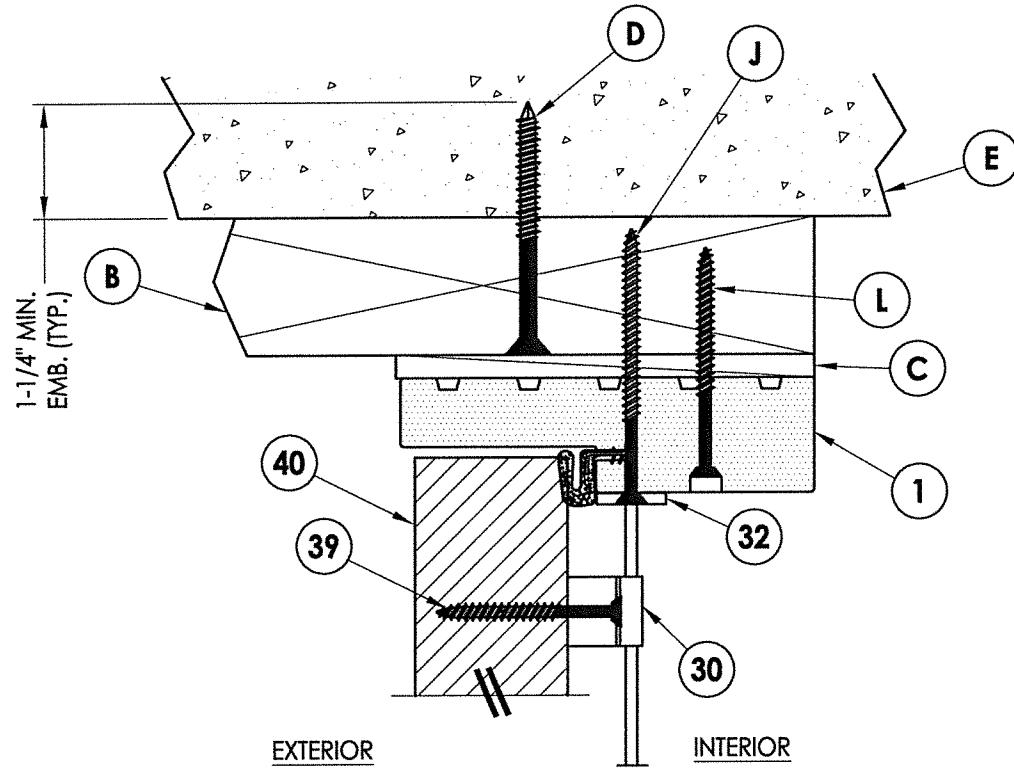
DATE: 4/20/22	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-41479.7	
SHEET 4 OF 10	
PRODUCT:	STEVE'S & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS
NO.	DATE
BY	REVISIONS



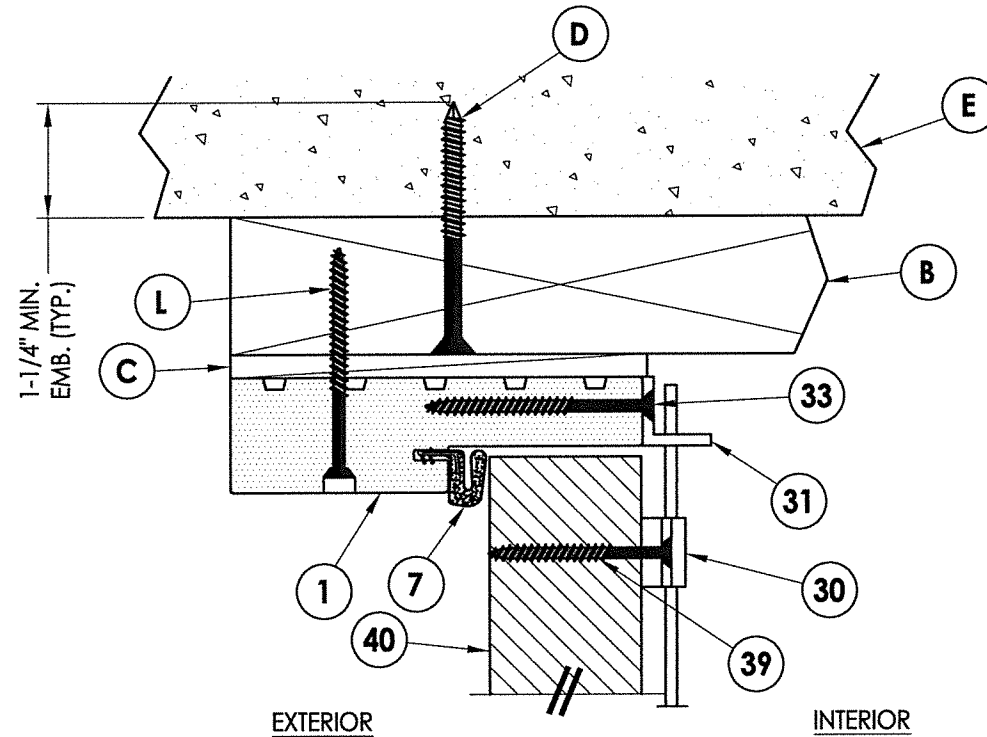
1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
 Outswing shown (Inswing similar)



4 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

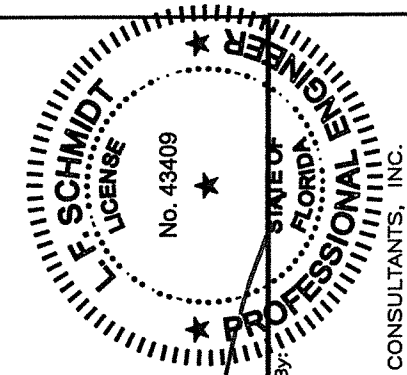


2 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
 Outswing shown



3 VERTICAL CROSS SECTION
5 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").



EFS

June 7, 2022

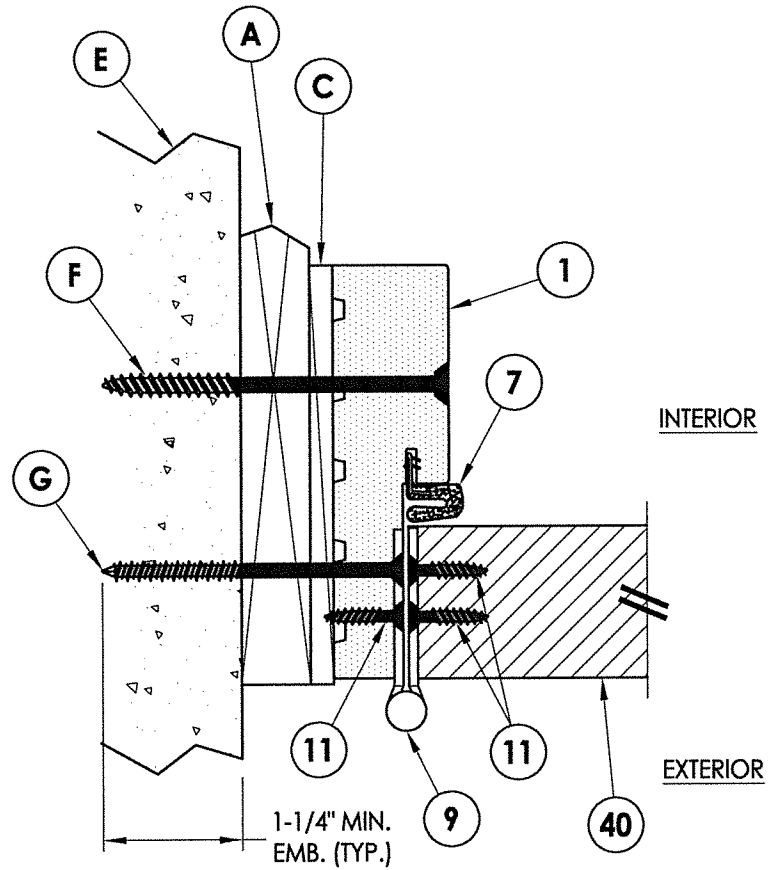
Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

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

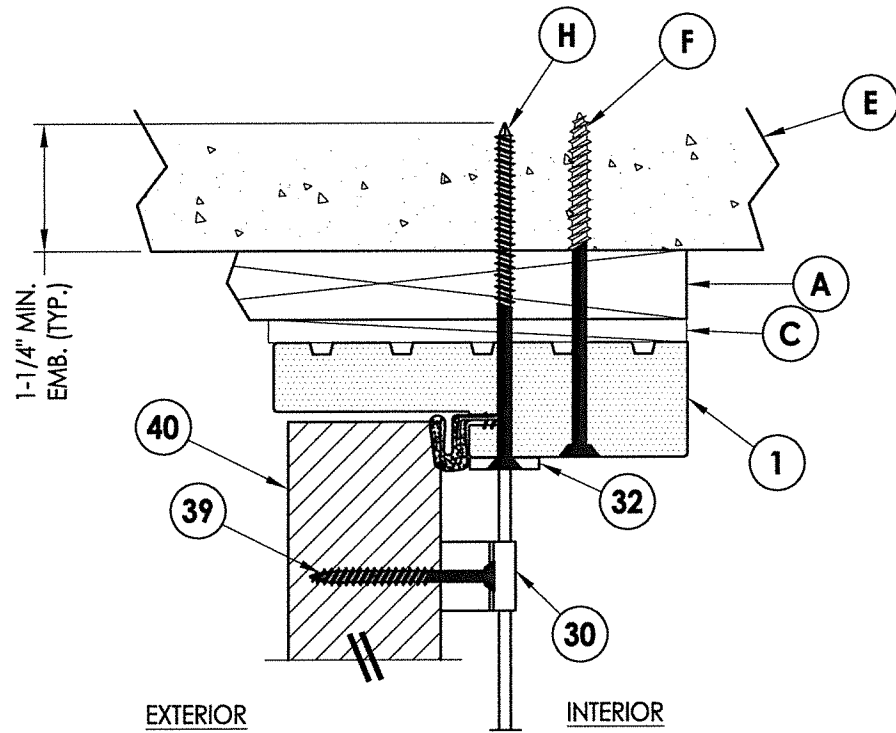
PRODUCT: STEVES & SONS FIBERGLASS DOOR
 PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

NO.	DATE	BY	REVISIONS

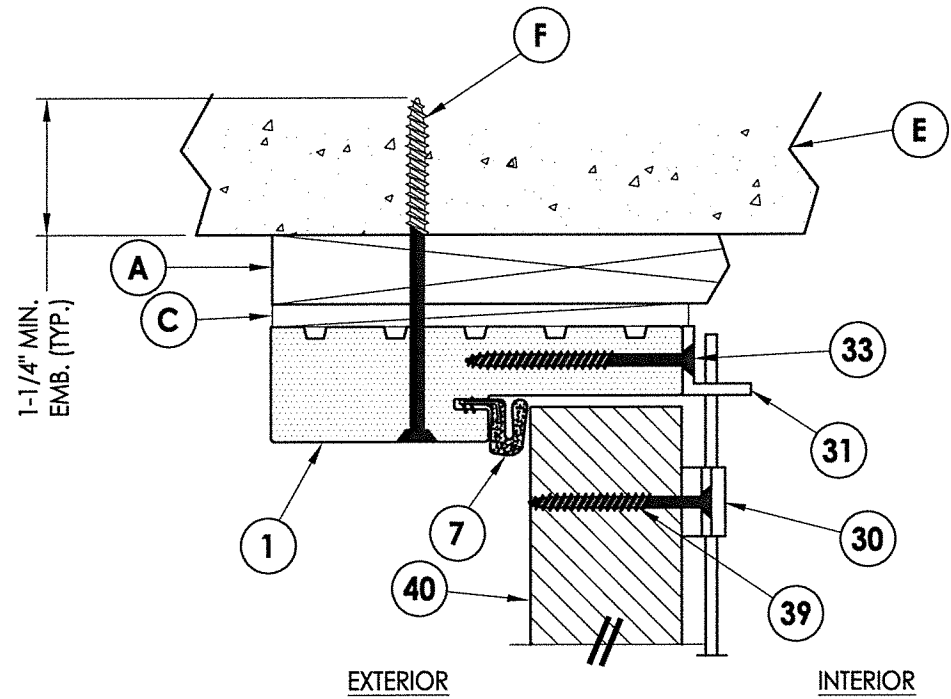
DATE: 4/20/22
 SCALE: N.T.S.
 DWG. BY: RW
 CHK. BY: LFS
 DRAWING NO.: FL-41479.7
 SHEET 5 OF 10



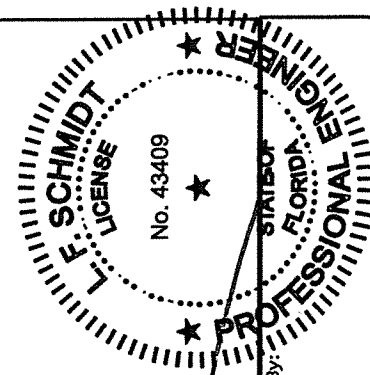
1 HORIZONTAL CROSS SECTION
 6 Shown w/ 1X Buck
 Outswing shown (Inswing similar)



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



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



LFS

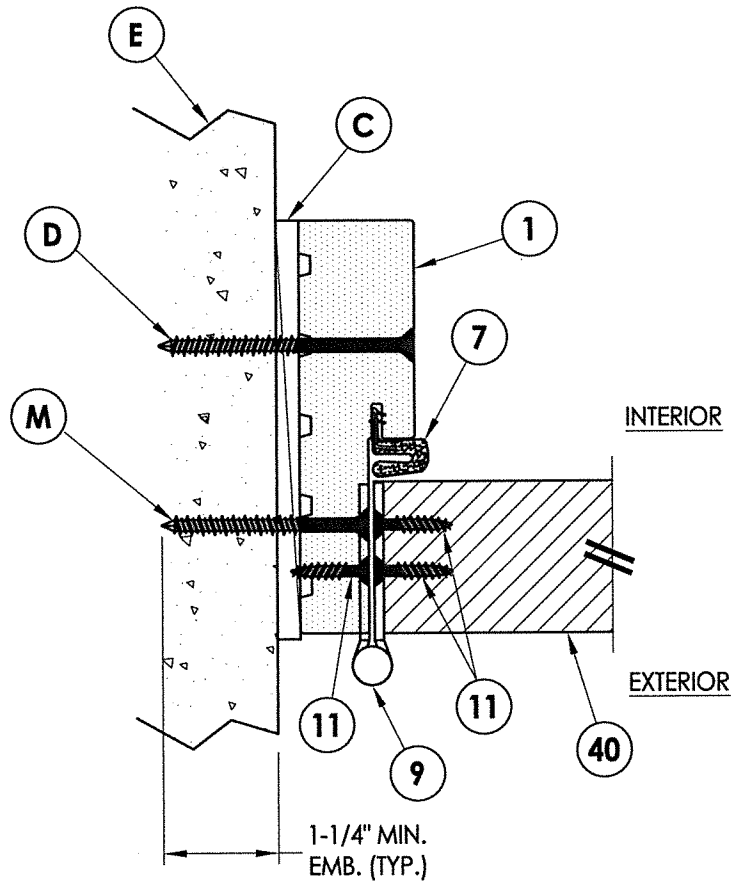
June 7, 2022

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

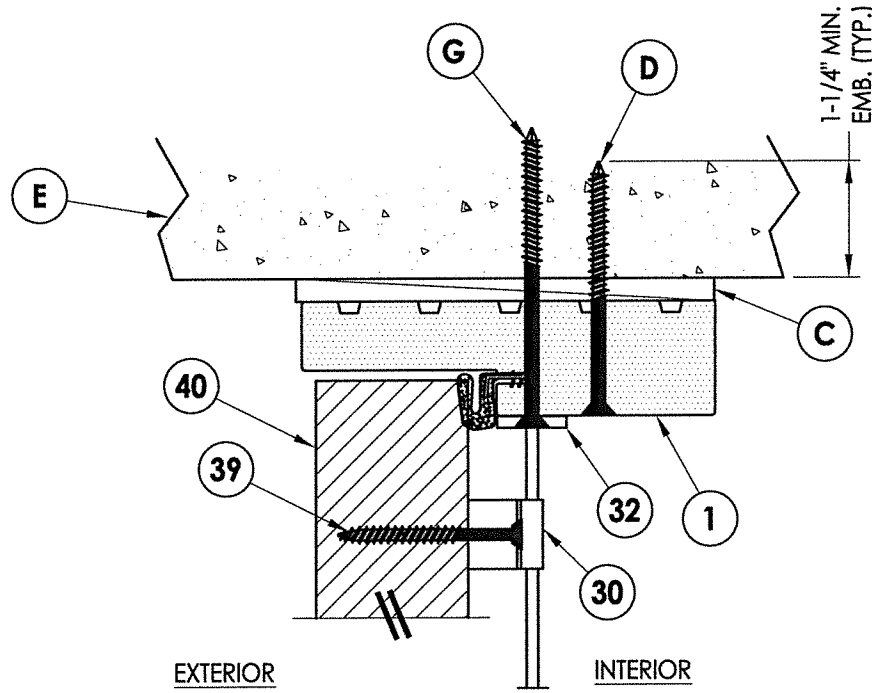
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		STEVE'S & SONS FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.	DATE	BY	
DATE: 4/20/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.:		FL-41479.7	
SHEET 6 OF 10			

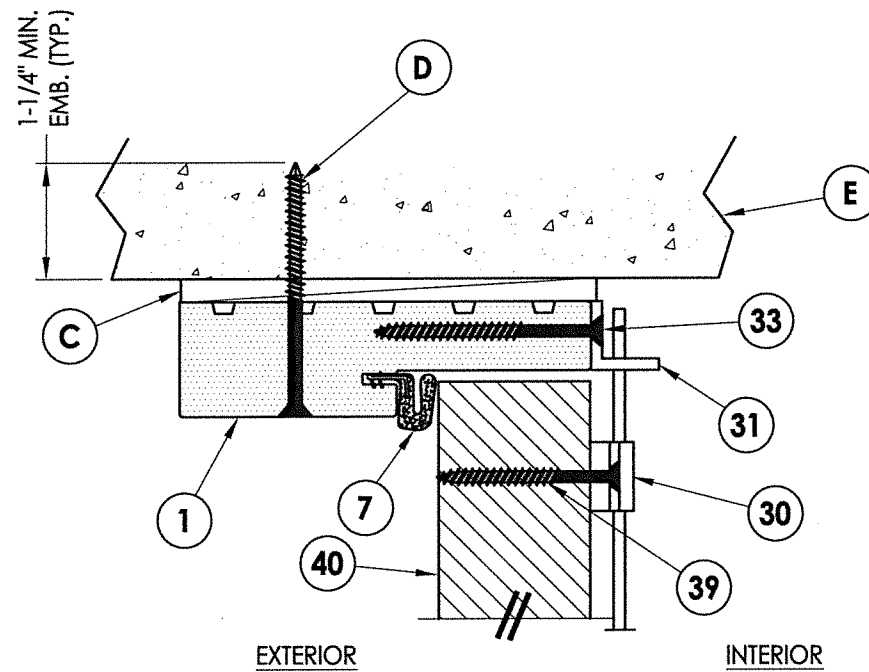
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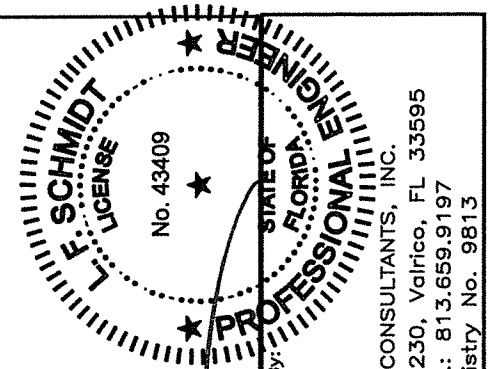
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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



June 7, 2022
LFS

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	BY
REVISIONS		

DATE: 4/20/22

SCALE: N.T.S.

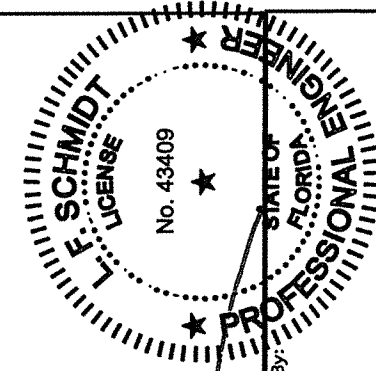
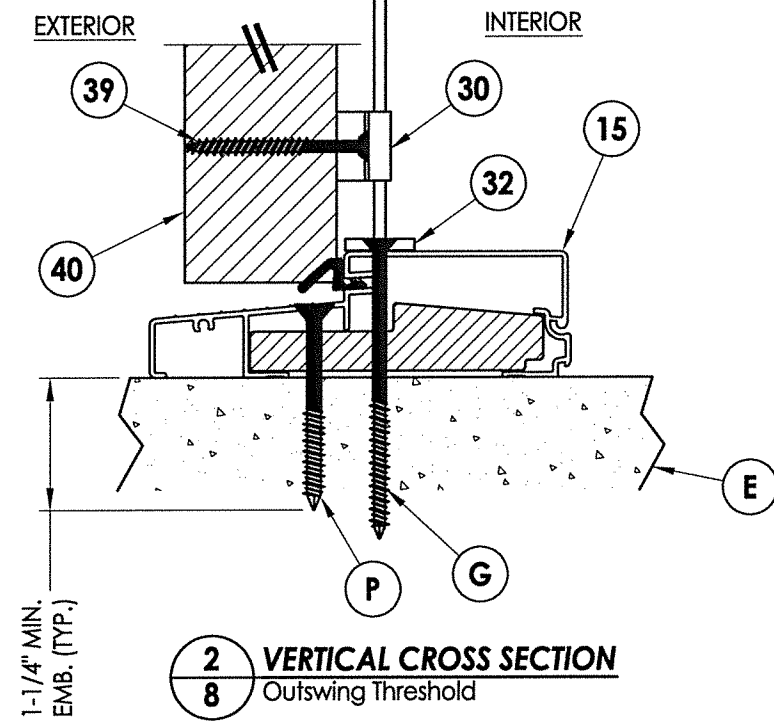
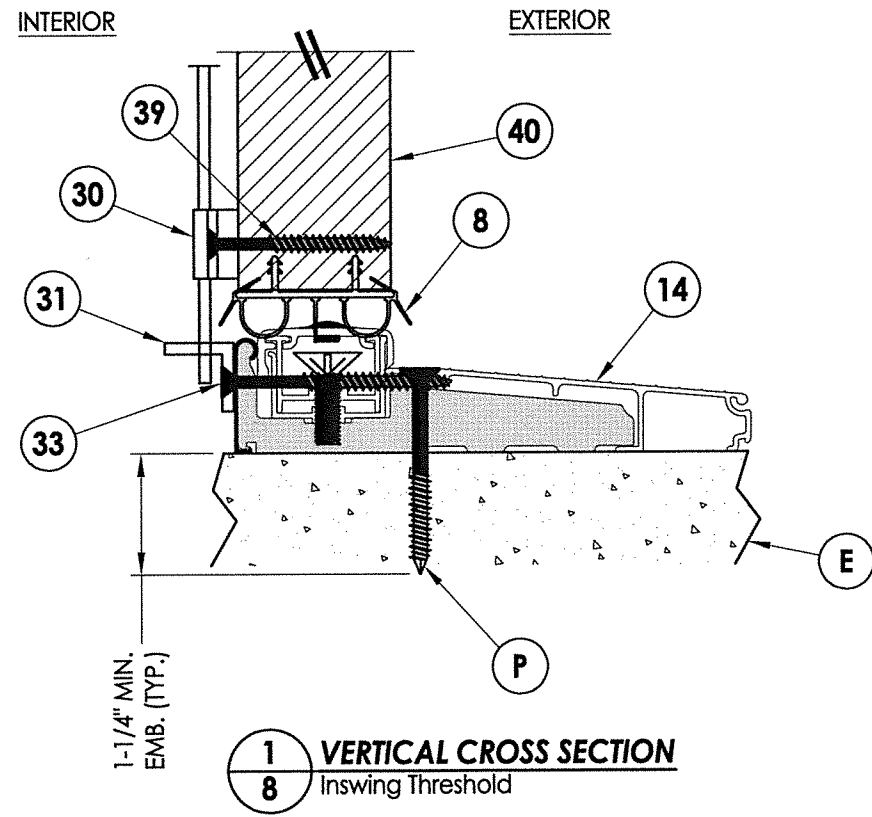
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-41479.7

SHEET 7 OF 10



June 7, 2022

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

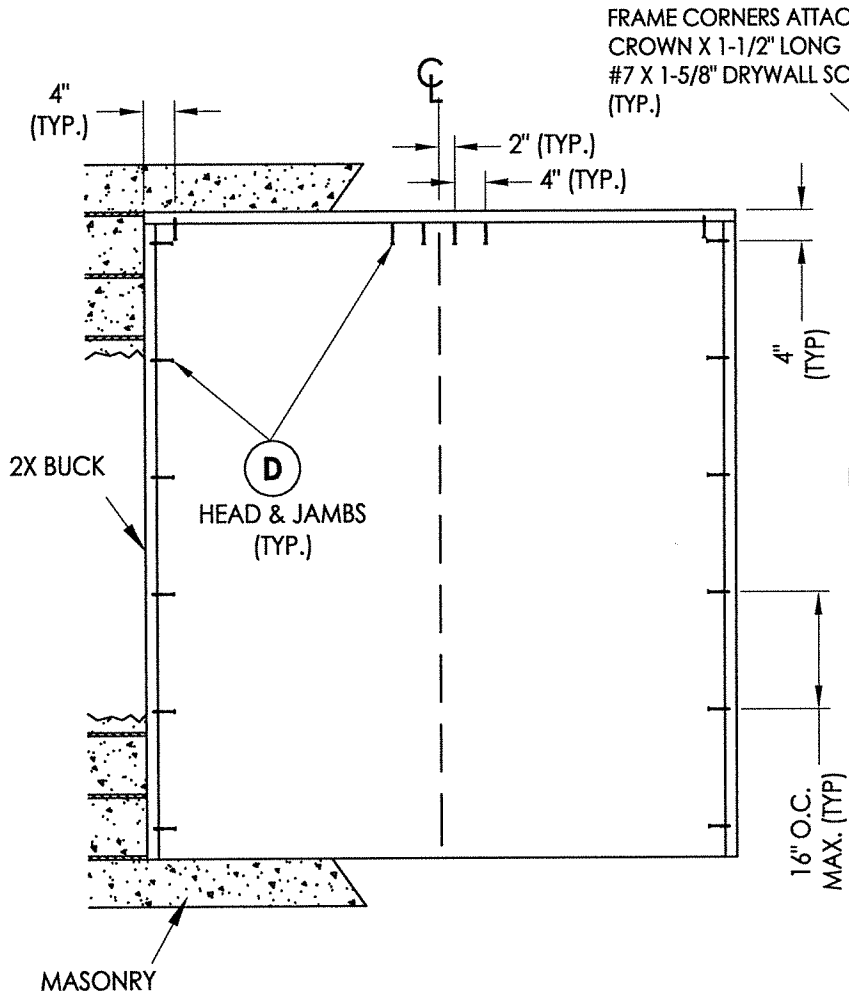
PRODUCT:
STEVES & SONS
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

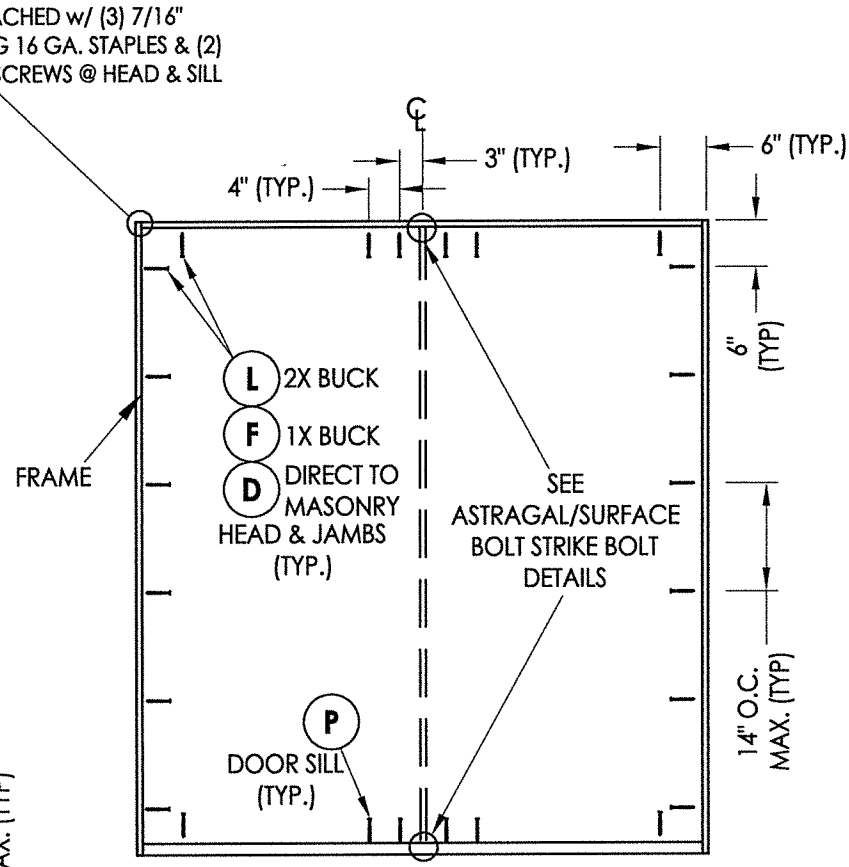
NO.	DATE	BY	REVISIONS

DATE: 4/20/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-41479.7
SHEET 8 OF 10

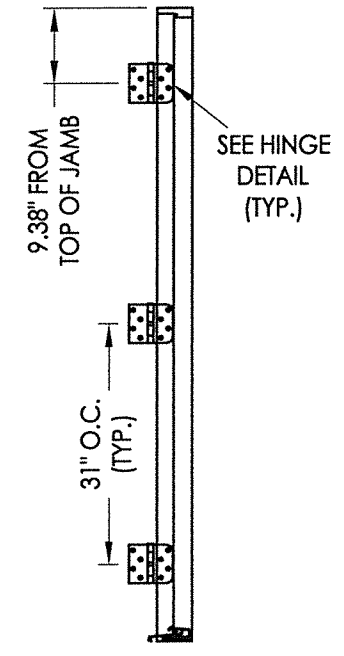
Z:\Clients\Steves and Sons - Permanent\A - Florida Product Approvals\FL-41479 LEGACY SERIES\C - Drawings\FL-41479 (2020)\FL-41479.7.dwg



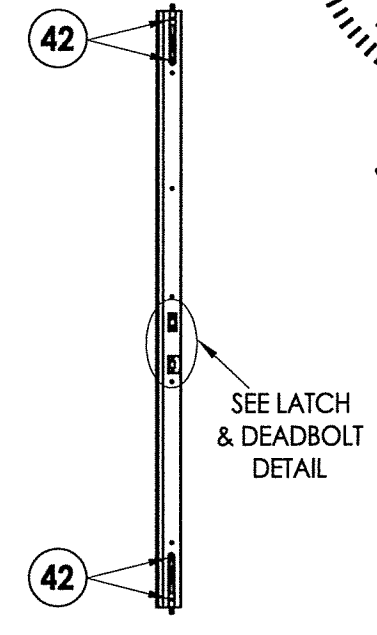
2X BUCK ANCHORING



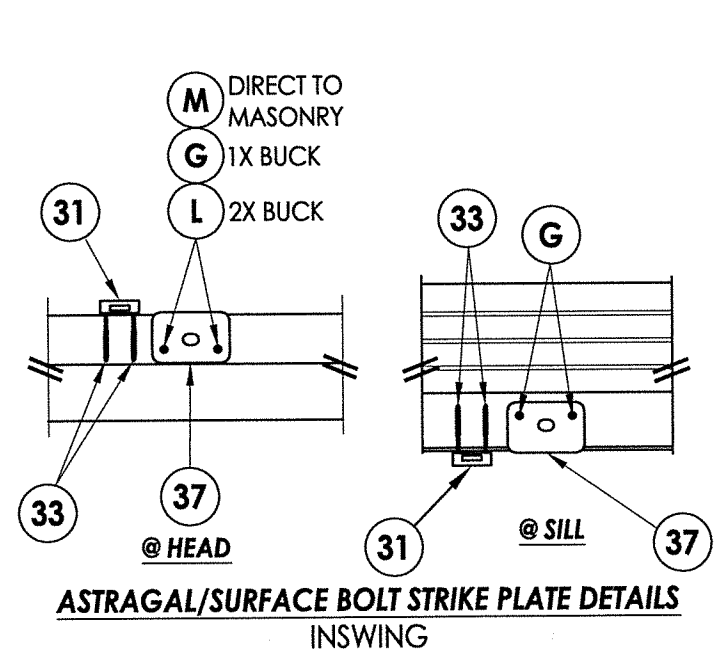
FRAME ANCHORING



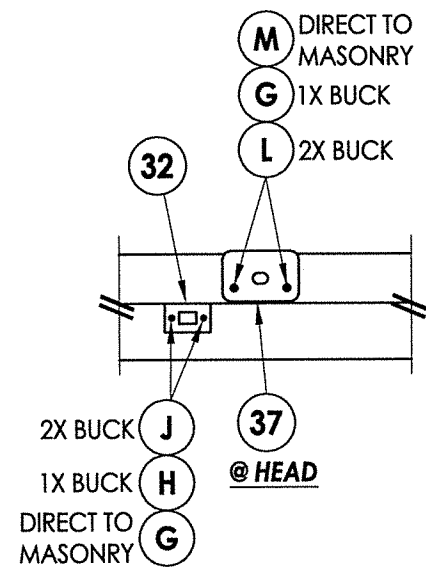
HINGE JAMB



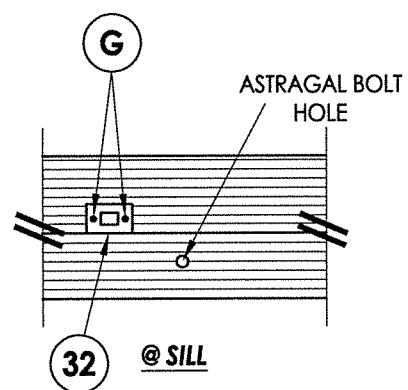
COMPOSITE ASTRAGAL
7" STEEL FLIP LOCK FLUSHBOLT (5/16" Ø)
@ EACH END OF ASTRAGAL



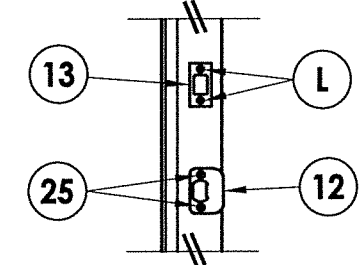
ASTRAGAL/SURFACE BOLT STRIKE PLATE DETAILS
INSWING



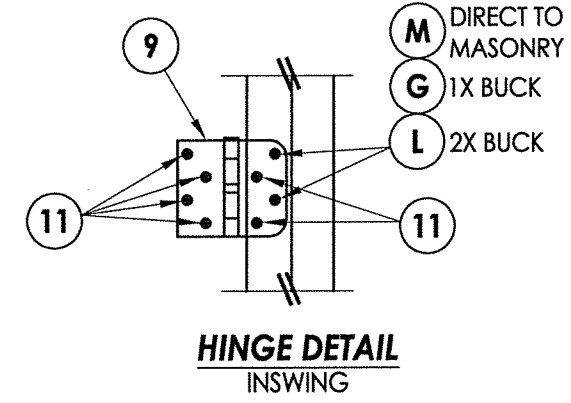
ASTRAGAL/SURFACE BOLT STRIKE PLATE DETAILS
OUTSWING



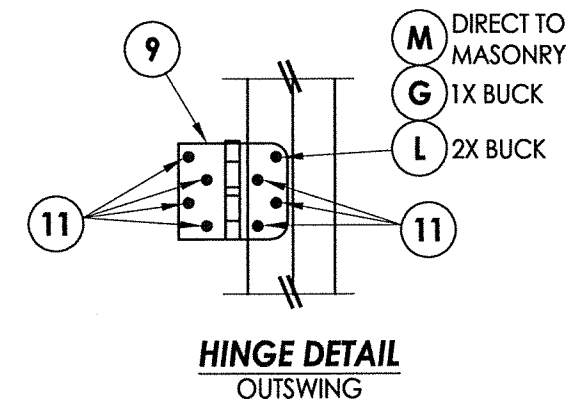
32 @ SILL



LATCH & DEADBOLT DETAIL



HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING

HARDWARE DETAILS

FLORIDA PROFESSIONAL ENGINEER
 F. SCHMIDT
 LICENSE No. 43409

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

June 7, 2022

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

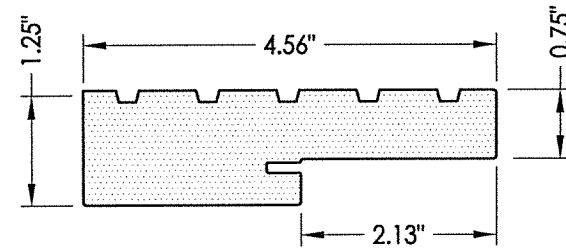
PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	BY	REVISIONS

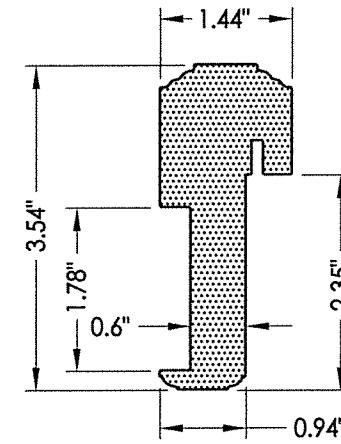
DATE:	4/20/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-41479.7
SHEET	9 of 10

BILL OF MATERIALS

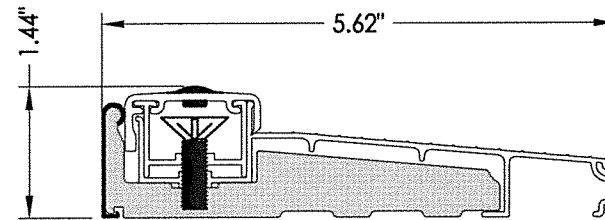
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH DeWALT OR ITW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



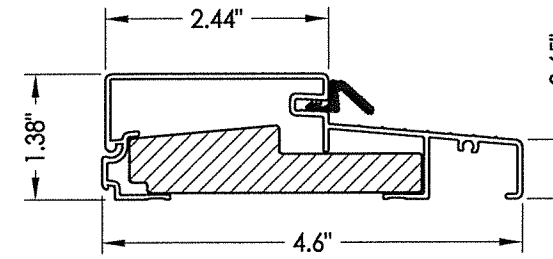
1 COMPOSITE JAMB
WORLDWIDE "4EVER"



38 COMPOSITE ASTRAGAL



14 INSWING THRESHOLD
Columbia



15 OUTSWING THRESHOLD
Columbia

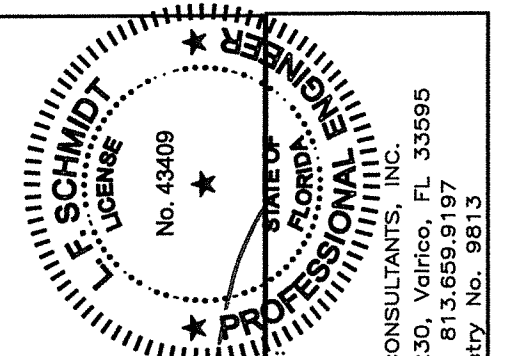
CONCRETE ANCHOR NOTES:

- 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.



June 7, 2022
 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: BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 4/20/22
 SCALE: N.T.S.
 DWG. BY: RW
 CHK. BY: LFS
 DRAWING NO.: FL-41479.7
 SHEET 10 OF 10