

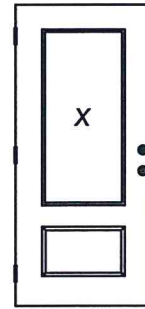
STEVE'S AND SONS

203 Humble Ave.
San Antonio, TX 78225

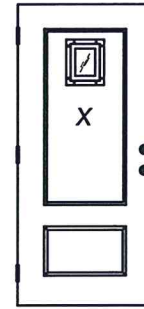
OPAQUE FIBERGLASS DOOR SINGLE w/ TRANSOM w/ or w/out SIDELITE(S) IN SWING/OUT SWING "NON-IMPACT"

GENERAL NOTES

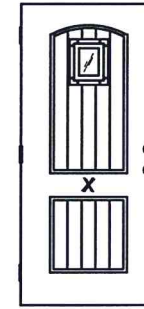
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.



2 PANEL



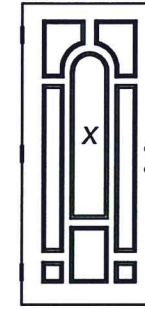
2 PANEL OXFORD
w/ SPEAKEASY



2 PANEL ARCH TOP
PLANK CAVALIER
w/ SPEAKEASY

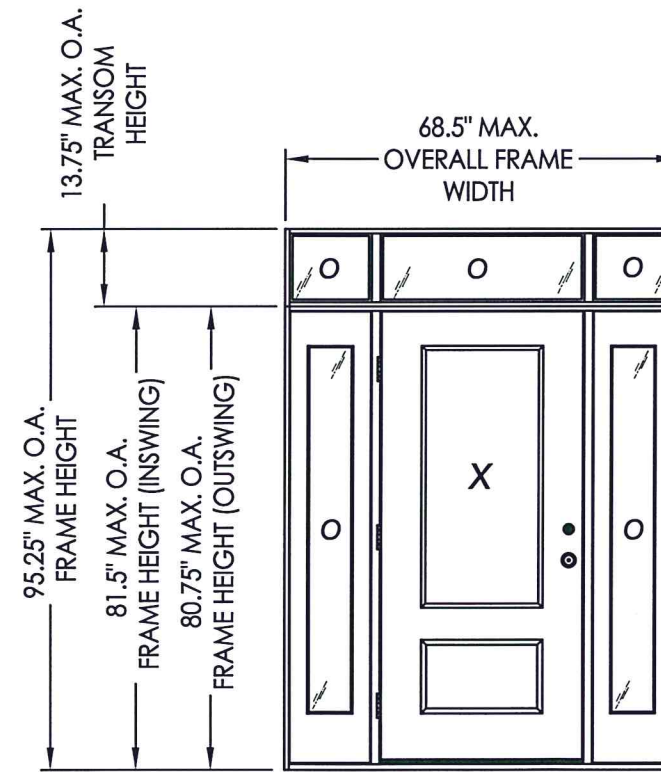


6 PANEL



8 PANEL

REGENCY PANEL COLLECTION



CONTINUOUS HEAD & SILL

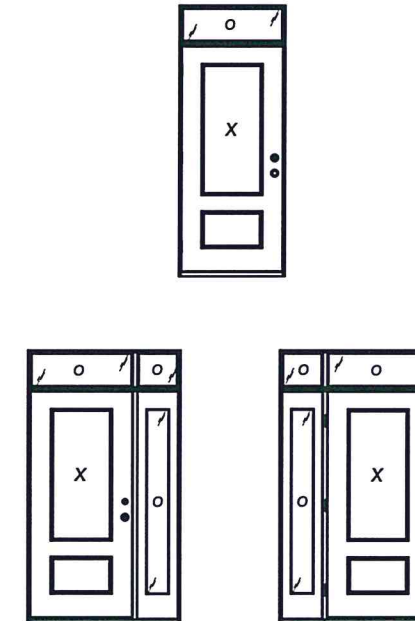
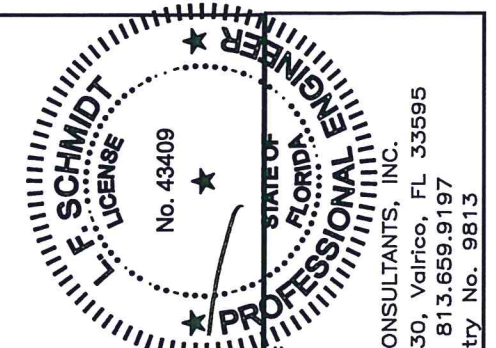


TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	9	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite & Transom Panel Details	10	Vertical Cross Sections
4	Door 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
O X	37.5" x 95.25"	+45.0	-45.0	+45.0	-45.0
OO OX	68.5" x 95.25"	+45.0	-45.0	+45.0	-45.0



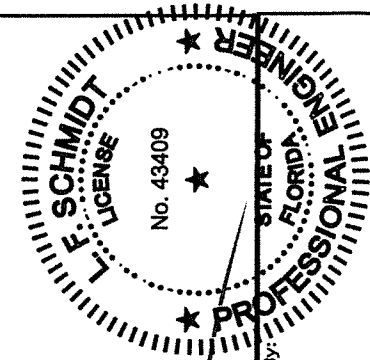
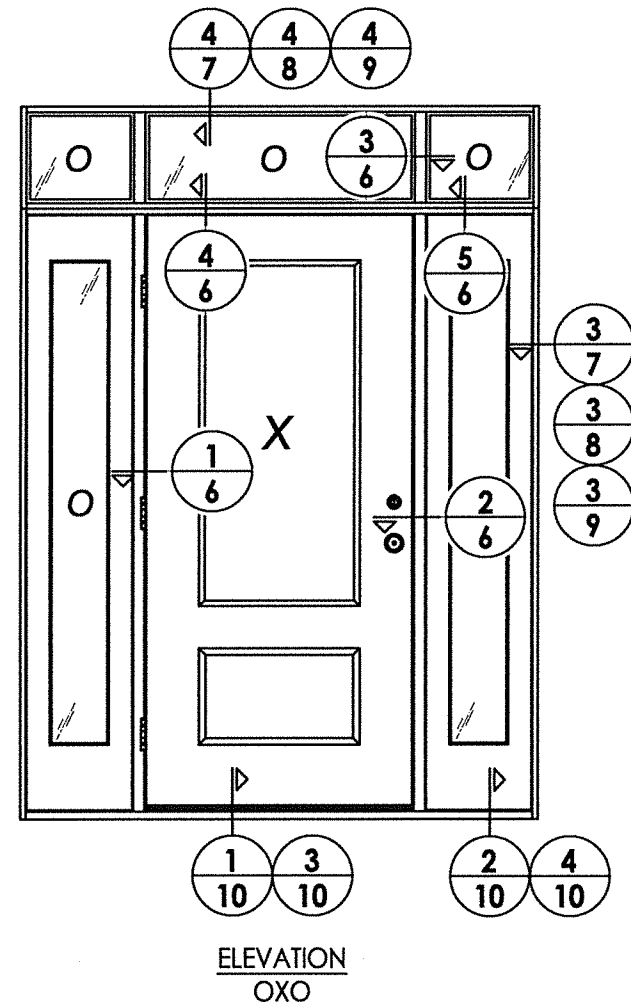
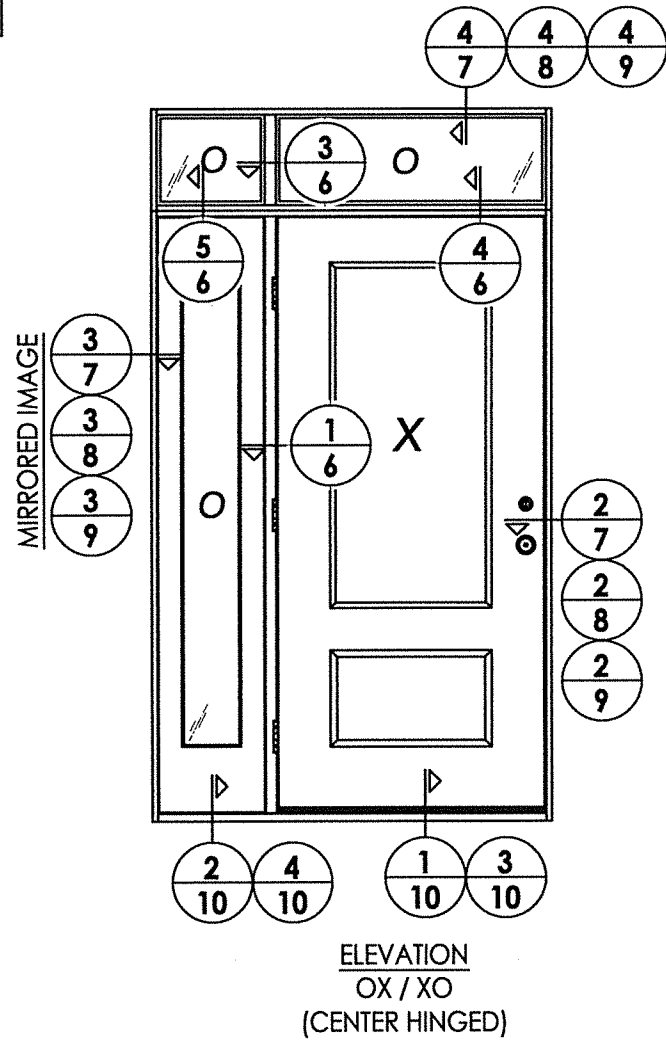
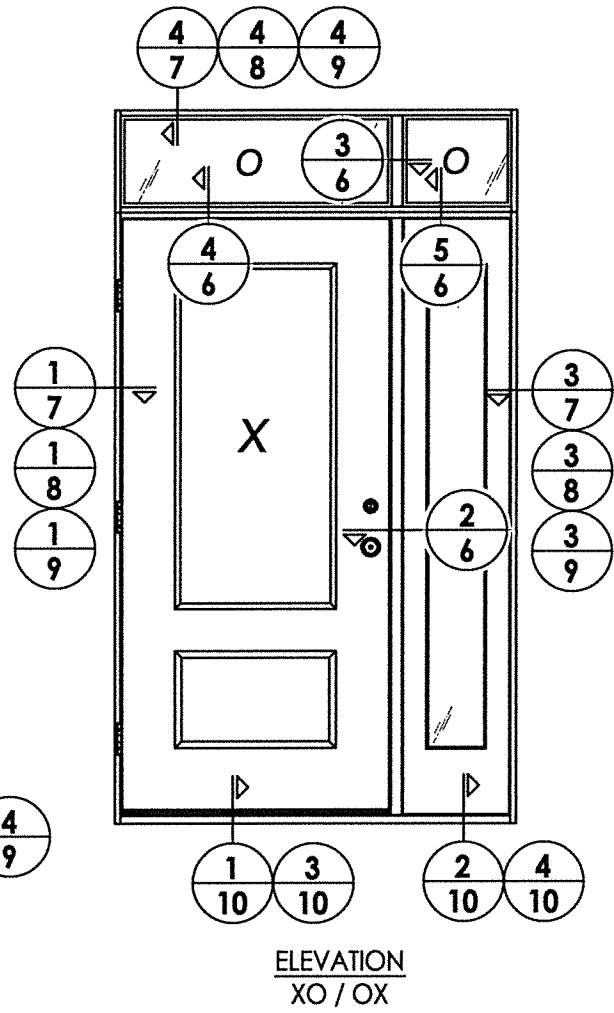
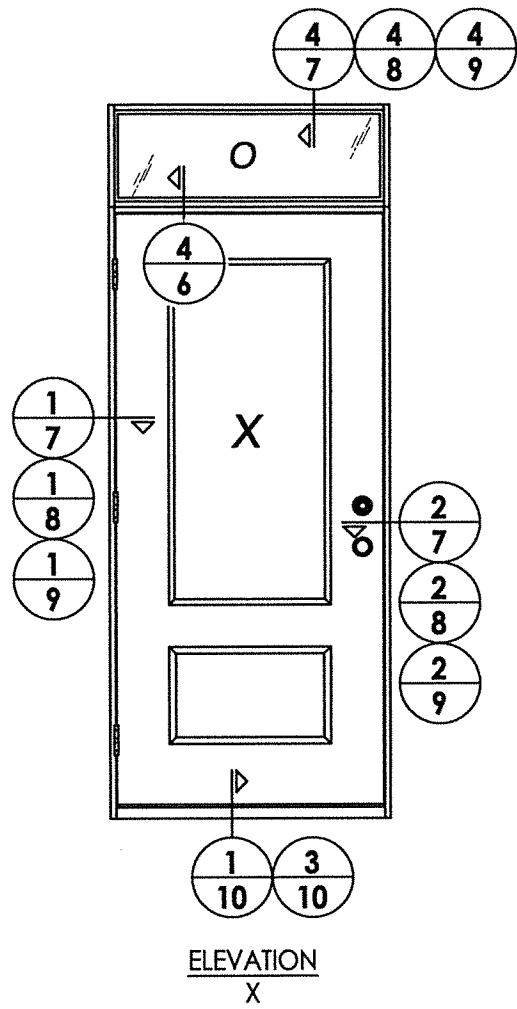
LFS

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

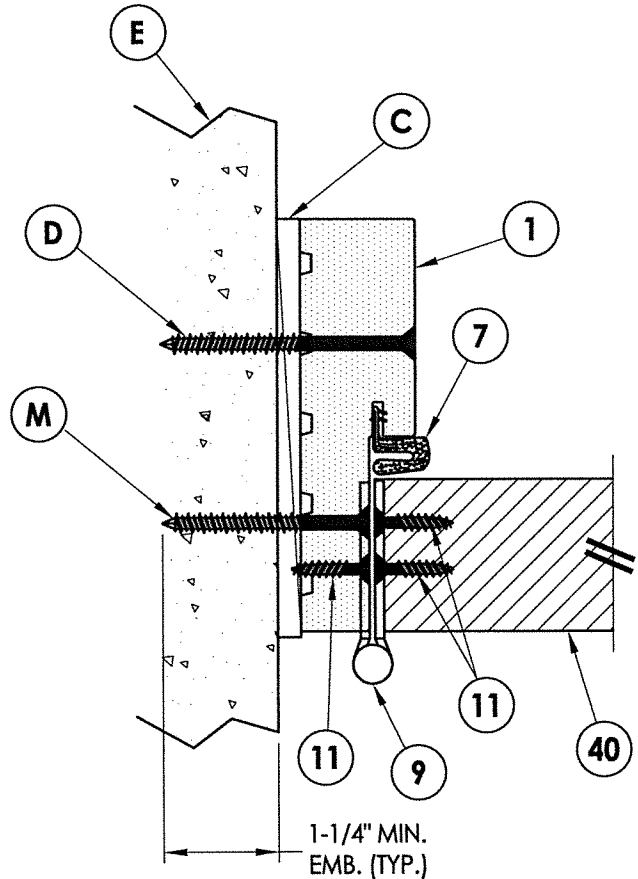
PRODUCT:	STEVE'S & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
NO.	DATE
BY	REVISIONS
DATE:	3/10/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-41467.5
SHEET	1 OF 13



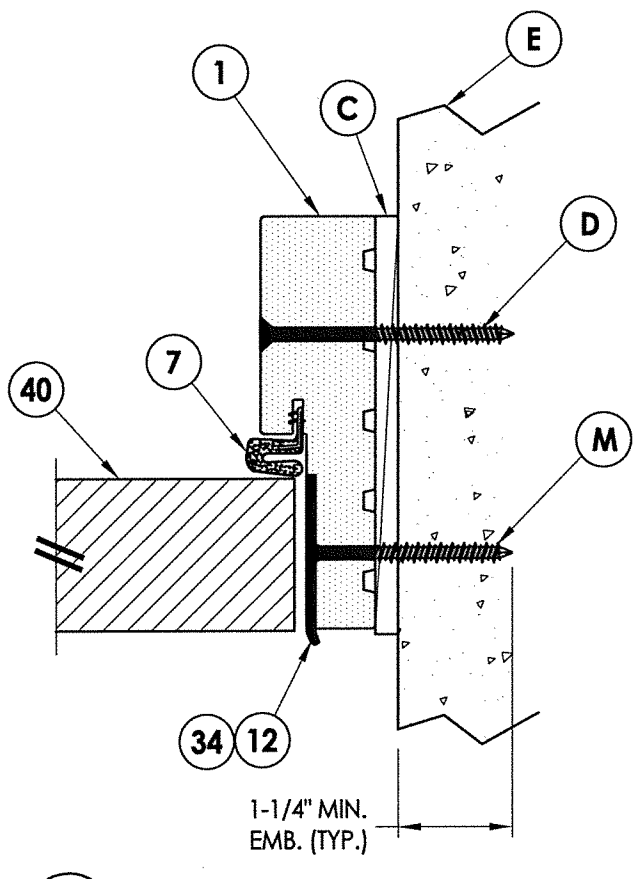
June 7, 2022
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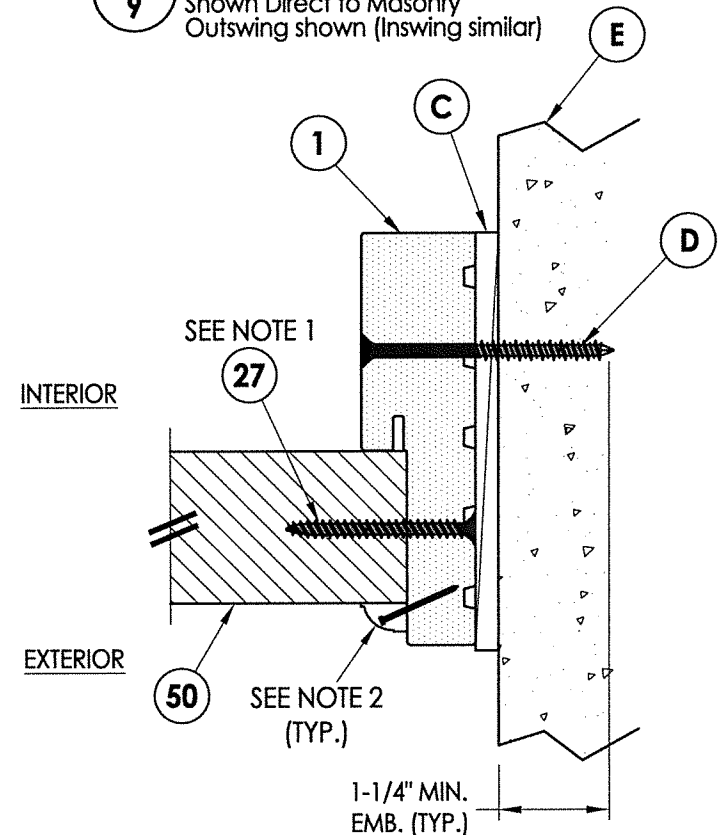
PRODUCT: STEVES & SONS FIBERGLASS DOOR	
PART OR ASSEMBLY: ELEVATIONS	
NO.	DATE
BY	REVISIONS
DATE: 3/10/22	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-41467.5	
SHEET 5 OF 13	



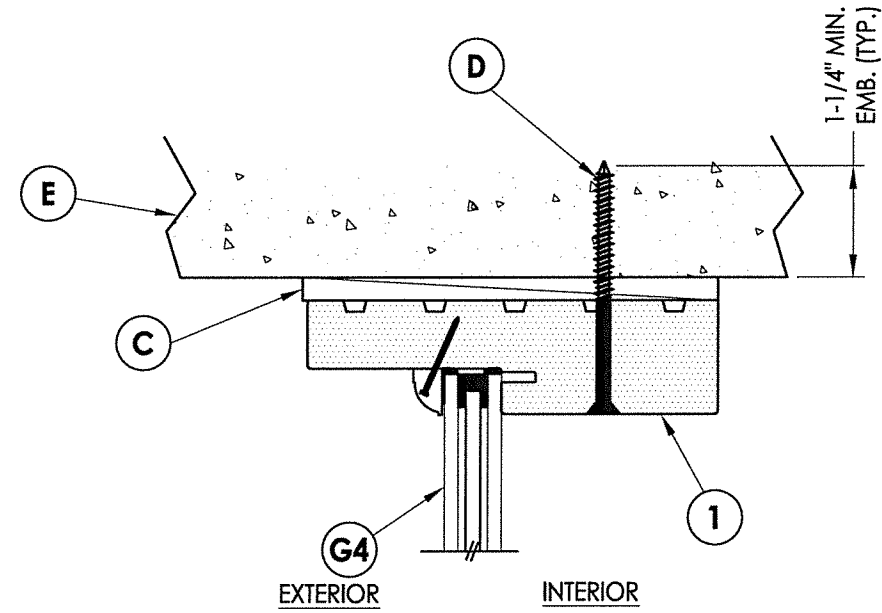
1 **HORIZONTAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing shown (Inswing similar)



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



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



4 **VERTICAL CROSS SECTION**
9 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.

F. SCHMIDT
 LICENSE No. 43409
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

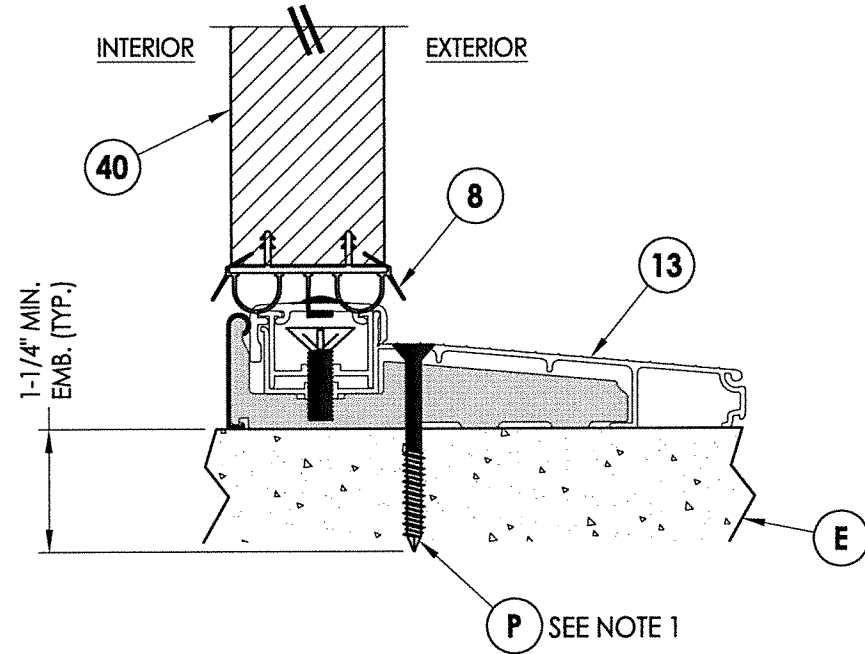
June 7, 2022
 Documents Prepared By:
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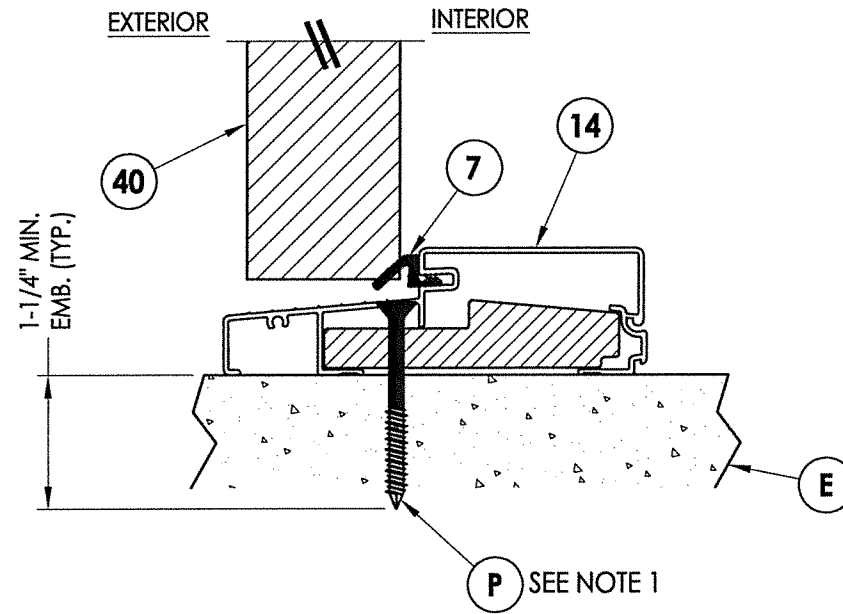
PRODUCT:	STEVES & SONS FIBERGLASS DOOR		
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)		
DATE:	3/10/22	NO.:	
SCALE:	N.T.S.	DATE:	
DWG. BY:	RW	BY:	
CHK. BY:	LFS	NO.:	
DRAWING NO.:	FL-41467.5	DATE:	
SHEET	9	OF	13

NOTE:

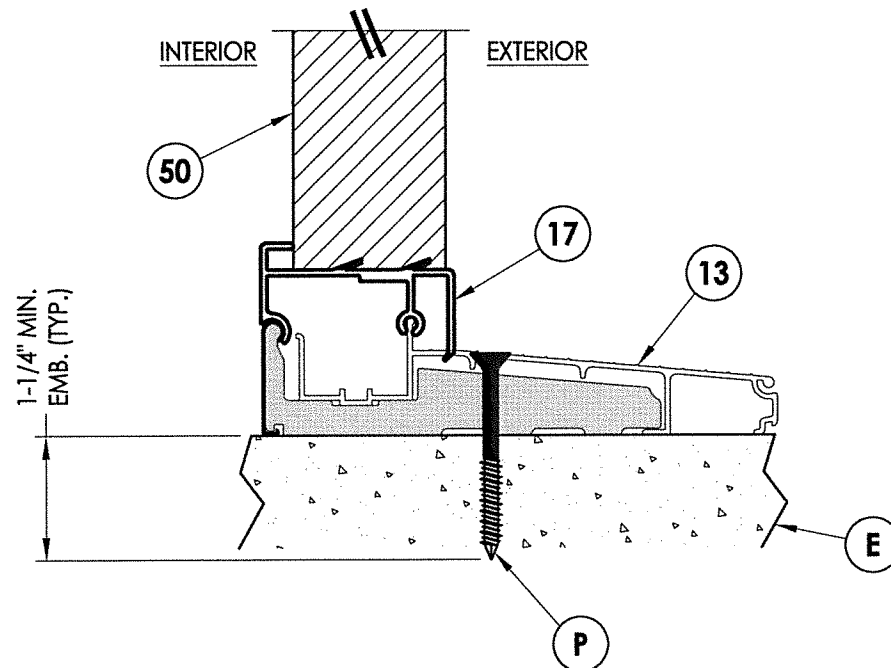
1. Anchor @ sill is not required for single door (X) only.



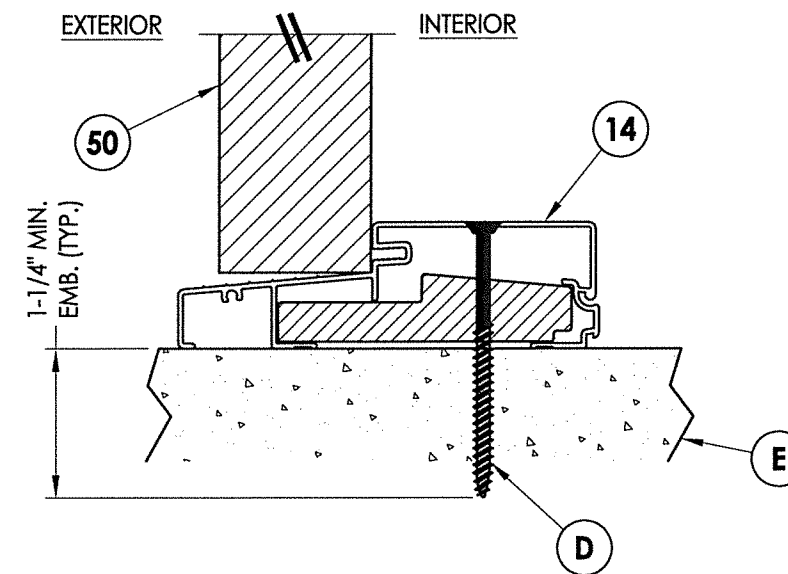
1 VERTICAL CROSS SECTION
10 Inswing Threshold



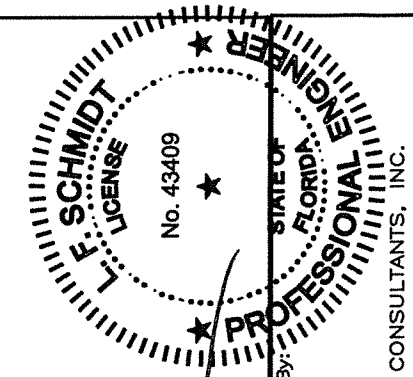
2 VERTICAL CROSS SECTION
10 Outswing Threshold



3 VERTICAL CROSS SECTION
10 Inswing Threshold



4 VERTICAL CROSS SECTION
10 Outswing Threshold



LFS

June 7, 2022

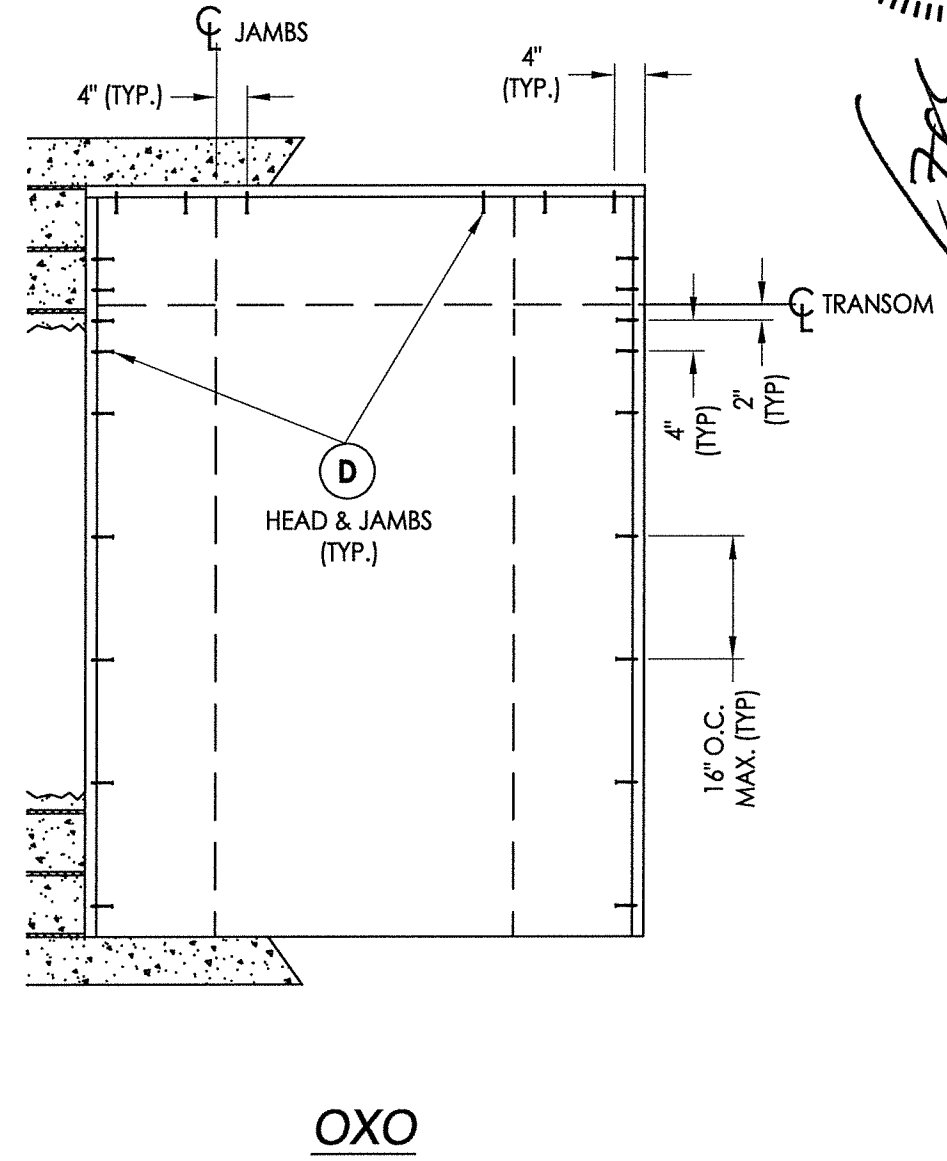
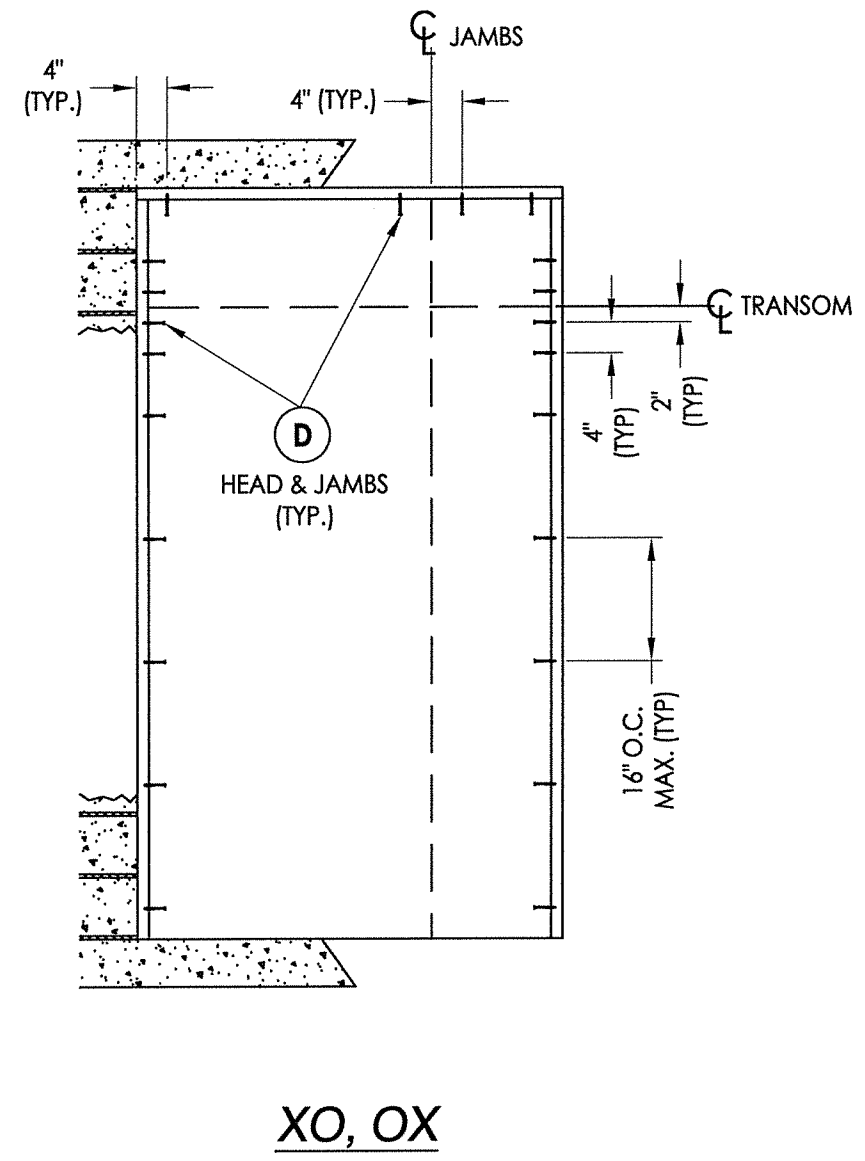
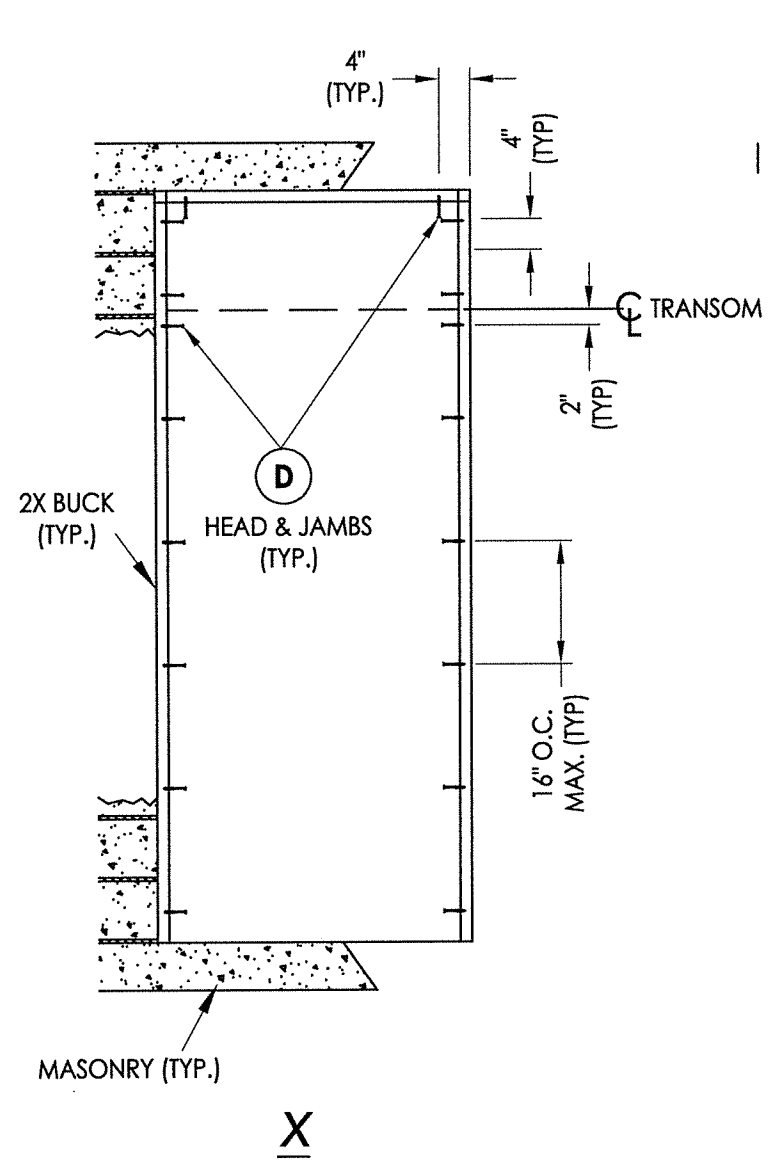
Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

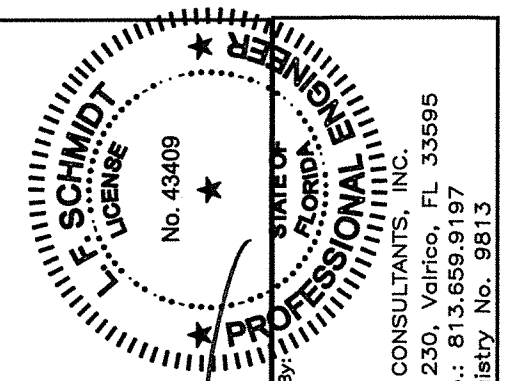
PRODUCT:	STEVES & SONS FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE:	3/10/22
SCALE:	N.T.S.
DWG. BY:	RW
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SHEET	10 OF 13



2X BUCK ANCHORING



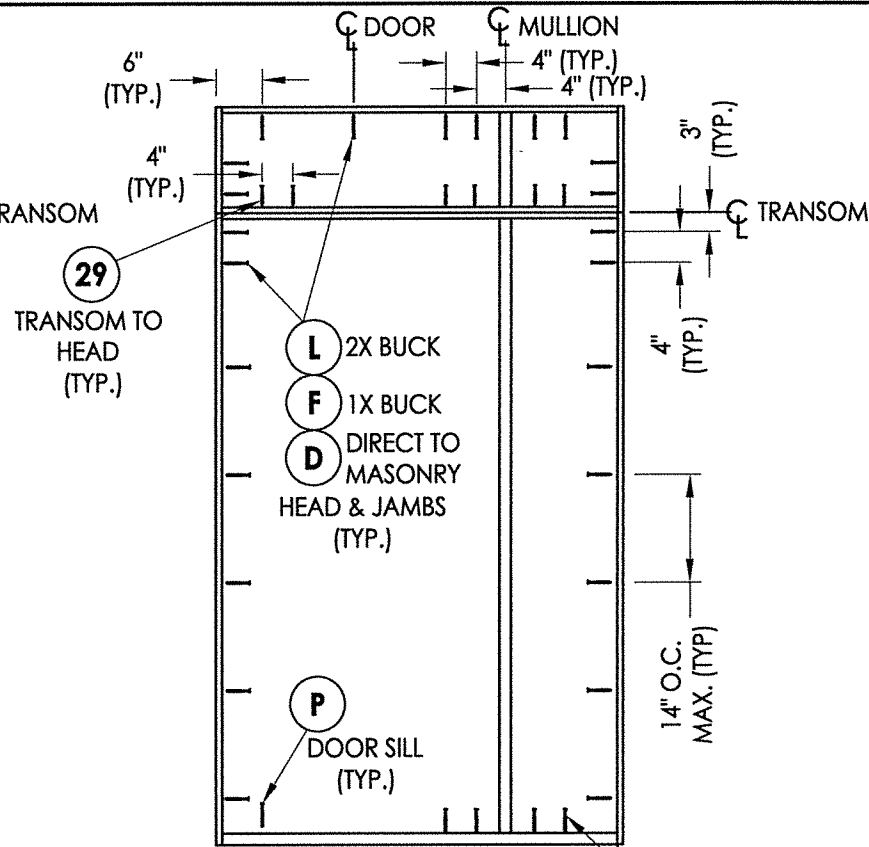
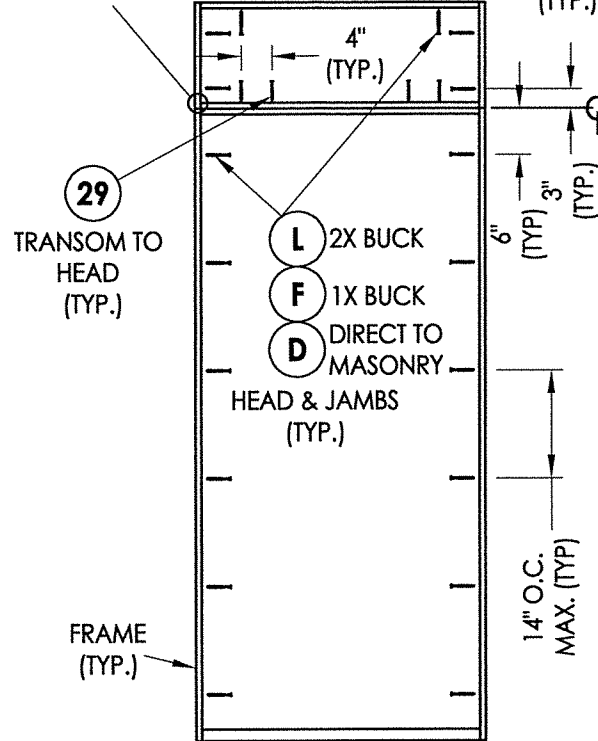
June 7, 2022
 Documents Prepared By:
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 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

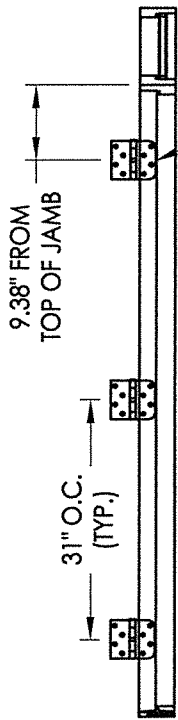
PRODUCT:		STEVES & SONS FIBERGLASS DOOR	
PART OR ASSEMBLY:		BUCK ANCHORING	
NO.	DATE	BY	
		REVISIONS	
DATE: 3/10/22			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-41467.5			
SHEET 11 of 13			

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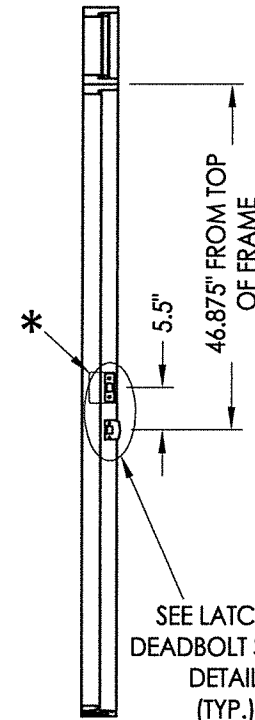
FRAME CORNERS ATTACHED w/ (3) 7/16" CROWN X 1-1/2" LONG 16 GA. STAPLES & (2) #7 X 2" DRYWALL SCREWS @ HEAD & SILL (TYP.)



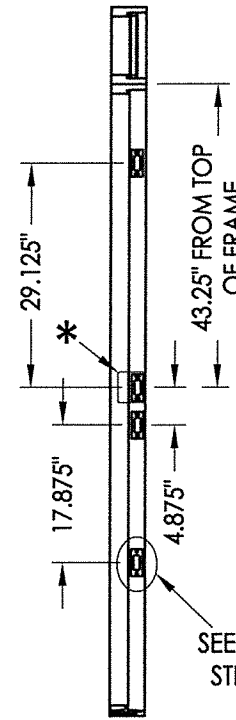
* 3.5" X 4" 20 GA. STEEL PLATE ATTACHED TO BACK OF LOCK JAMB w/ (4) 1" CROWN X 5/8" LONG 16 GA. STAPLES



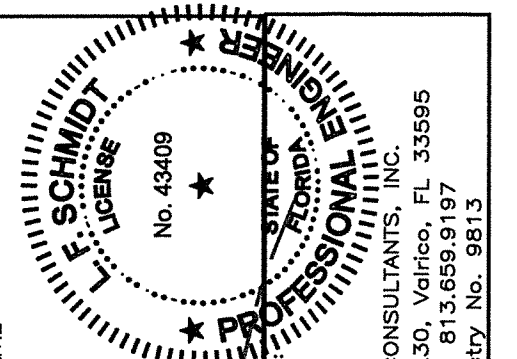
SEE HINGE DETAIL (TYP.)



SEE LATCH & DEADBOLT STRIKE DETAIL (TYP.)



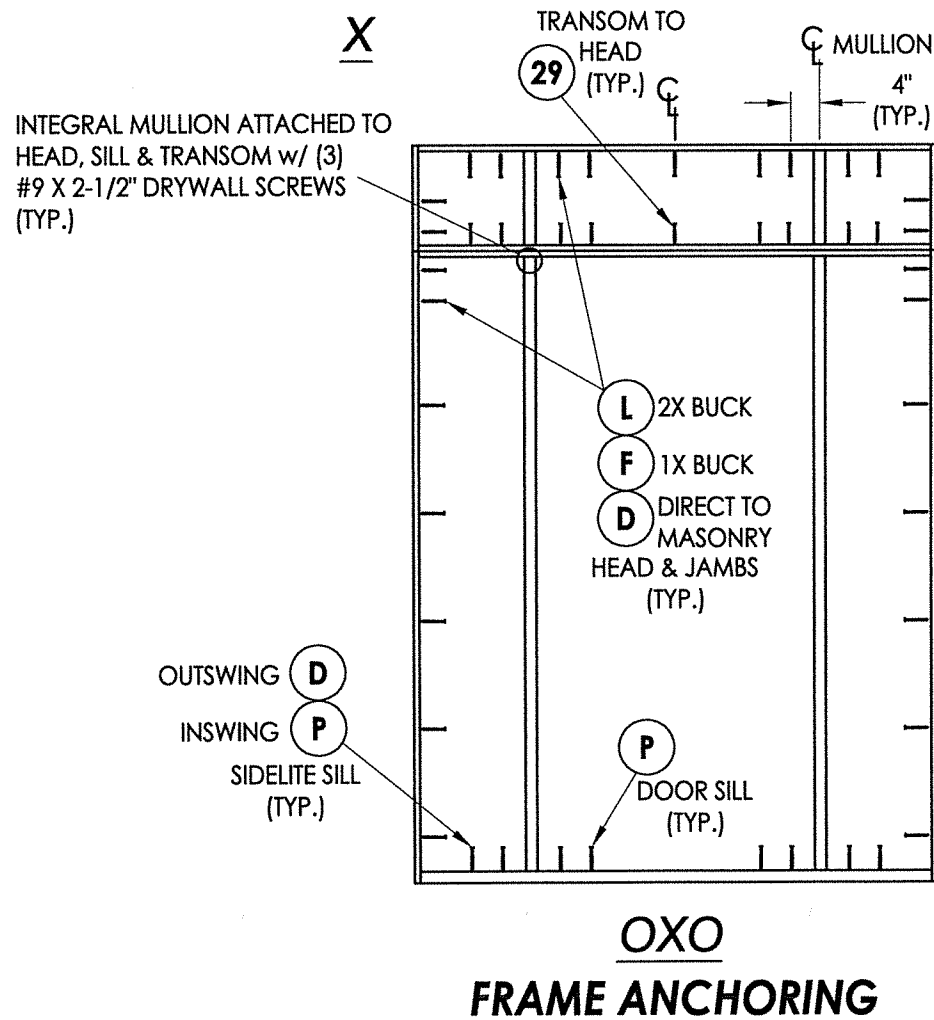
SEE MULTIPOINT LOCK STRIKE PLATE DETAIL (TYP.)



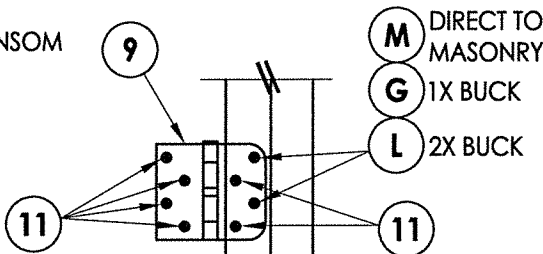
June 7, 2022

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P.E. No. 43409

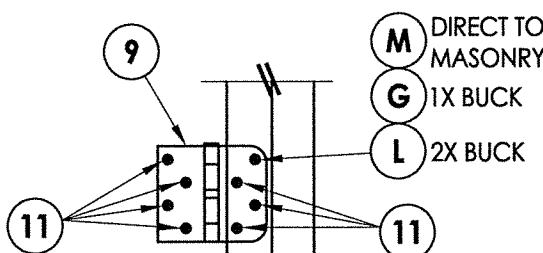
PROFESSIONAL ENGINEER
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



D OUTSWING
P INSWING
SIDELITE SILL (TYP.)



HINGE DETAIL
INSWING

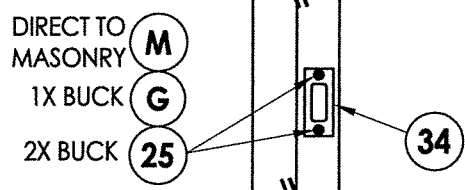


HINGE DETAIL
OUTSWING

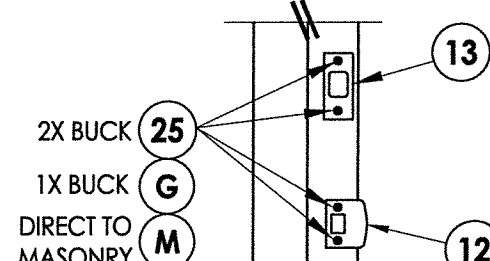
HINGE JAMB/MULLION

STRIKE JAMB/MULLION
LATCH & DEADBOLT

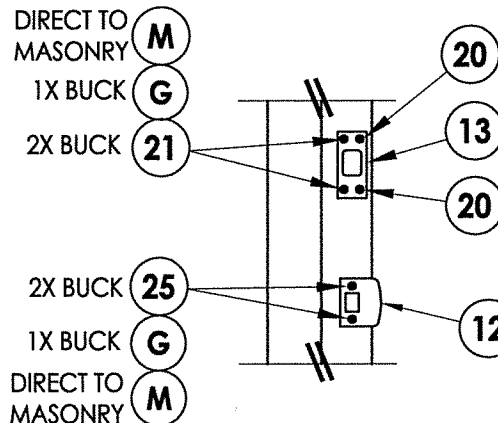
STRIKE JAMB/MULLION
MULTIPOINT LOCK



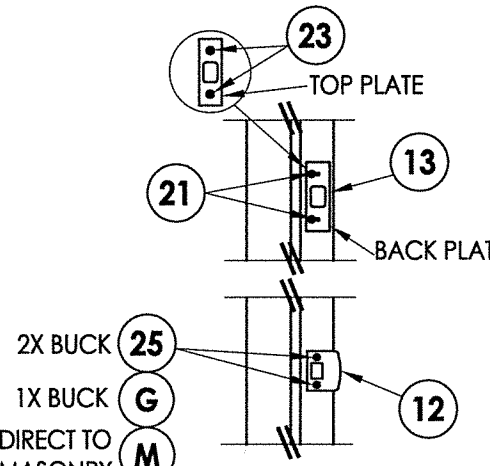
ROCKWELL MULTIPOINT LOCK HARDWARE



ROCKWELL HARDWARE



KWIKSET HARDWARE



SCHLAGE HARDWARE

HARDWARE DETAILS

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

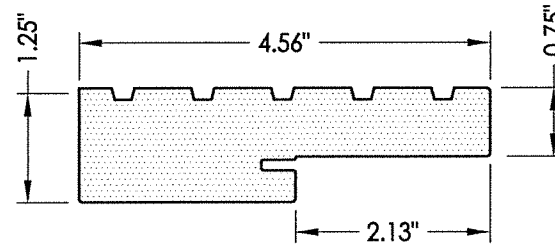
NO.	DATE	BY

DATE: 3/10/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41467.5
SHEET 12 of 13

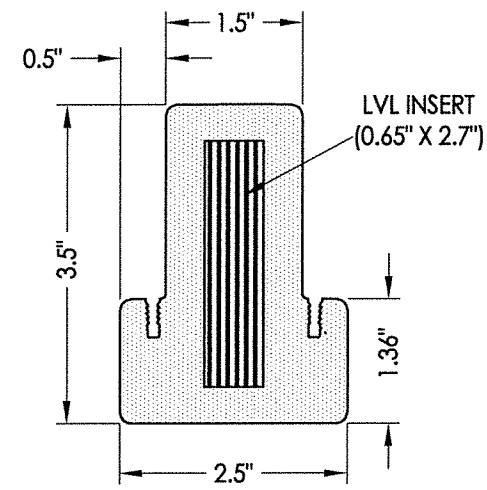
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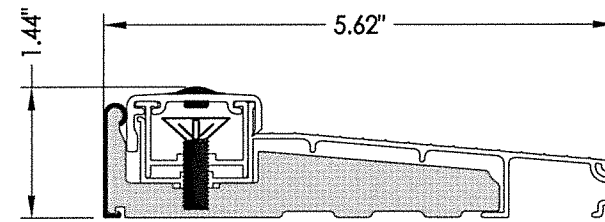
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" 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
29	#10 X 2" PFH WOOD SCREW	STEEL
34	MULTIPOINT LOCK STRIKE PLATE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



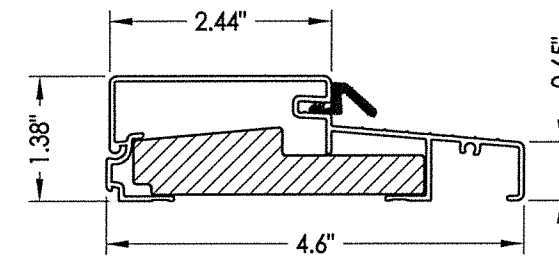
1 COMPOSITE JAMB
WORLDWIDE "4EVER"



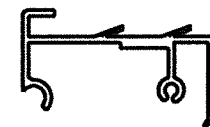
3 COMPOSITE MULLION



14 INSWING THRESHOLD
Columbia



15 OUTSWING THRESHOLD
Columbia



17 INSWING SIDELITE SPACER
Columbia

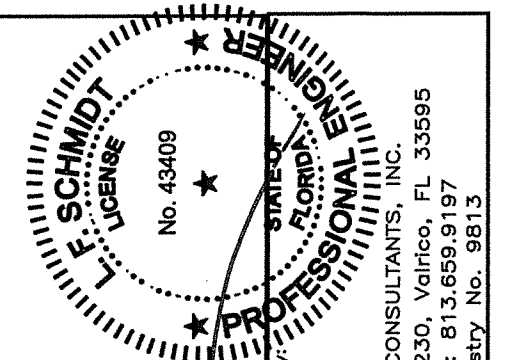
CONCRETE ANCHOR NOTES:

- 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.



June 7, 2022
LFS

Documents Prepared By:
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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: ALL SEASONS, INC. FIBERGLASS DOOR
PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 3/10/22
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41467.5
SHEET 13 OF 13