



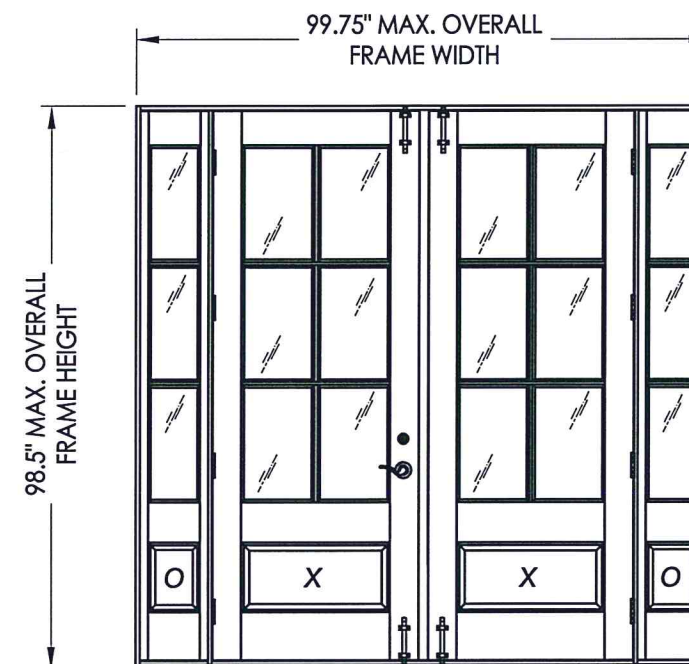
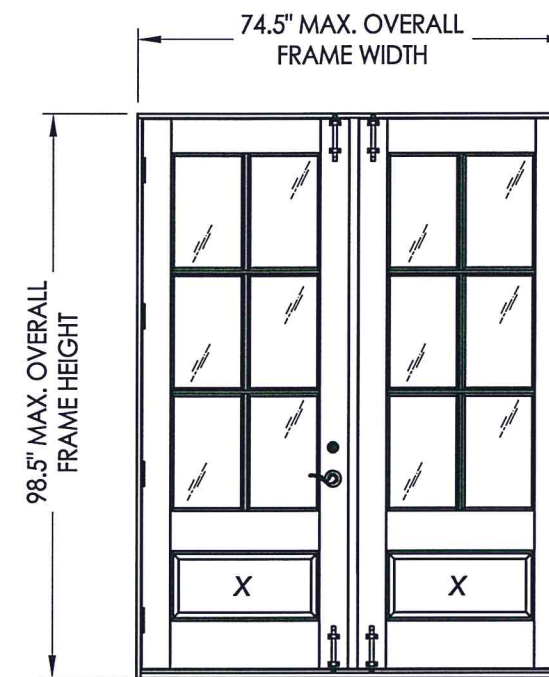
**GLAZED WOOD ENTRY DOOR
DOUBLES w/ or w/out SIDELITES**

INSWING "NON-IMPACT"

GENERAL NOTES

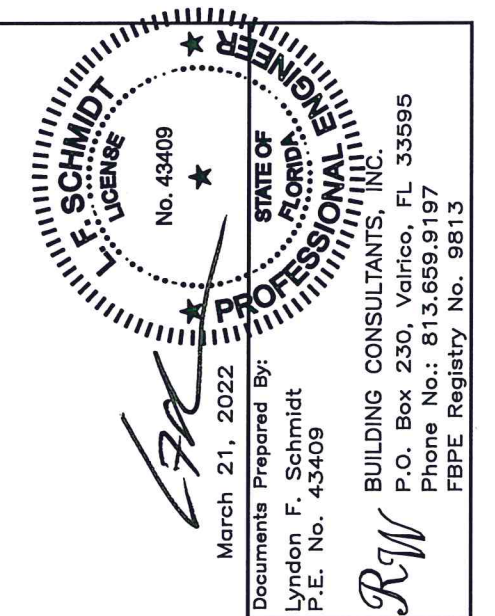
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be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

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1	Typical Elevations, Design Pressures & General Notes
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3	Sidelite Panel Details
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5	Elevations
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7	Horizontal & Vertical Cross Sections (1X Buck)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Horizontal & Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring & Hardware Details
12	Bill of Materials & Components



CONTINUOUS HEAD & SILL

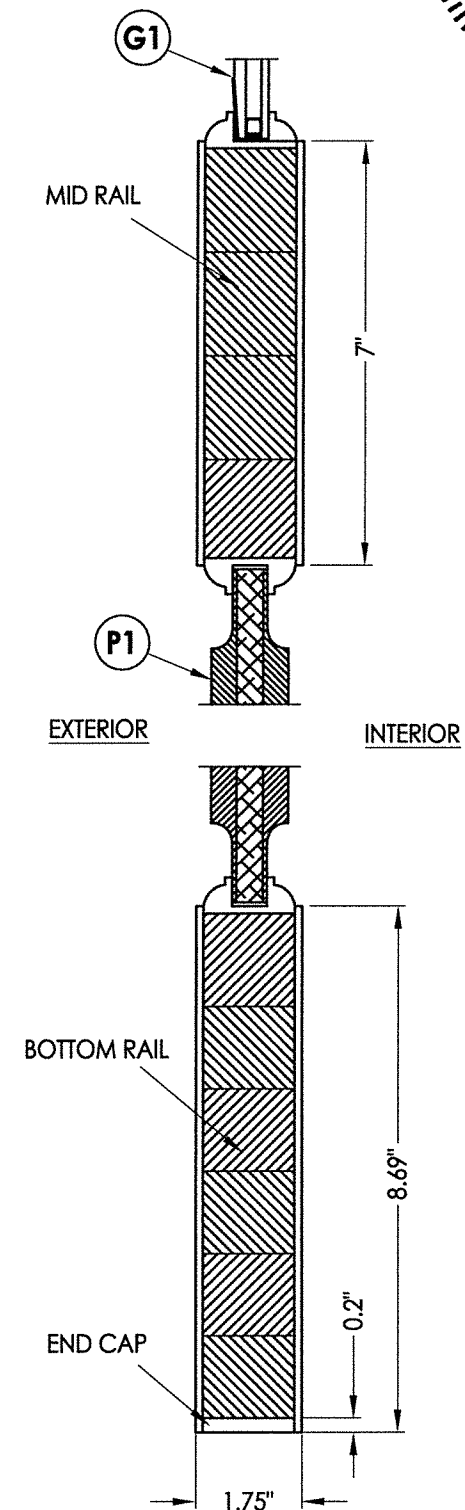
CONFIGURATION	MAX. FRAME DIMENSION	SURFACE BOLTS REQUIRED ON ACTIVE DOOR	DESIGN PRESSURE (PSF) INSWING	
			POSITIVE	NEGATIVE
XX	74.5" x 98.5"	NO	+25.0	-30.0
		YES	+45.0	-50.0
OXXO	99.75" x 98.5"	NO	+25.0	-30.0
		YES	+45.0	-50.0



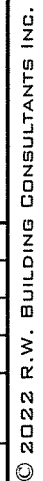
DATE: 3/07/22										PRODUCT: DOORSCAPES FIBERGLASS DOOR	
SCALE: N.T.S.										PART OR ASSEMBLY:	
DWG. BY: LFS										TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
CHK. BY: RW										BY	
DRAWING NO.: FL-28833.3										REVISIONS	
SHEET 1 OF 12											

A cross-sectional diagram of a handrail assembly. The diagram shows a vertical section with a hatched interior. At the top, a horizontal line is labeled "END CAP". A dimension line on the left indicates a thickness of "0.3\"". A dimension line on the right indicates a total height of "6\"". At the bottom, a component is labeled "TOP RAIL". The left side of the diagram is labeled "EXTERIOR" and the right side is labeled "INTERIOR".

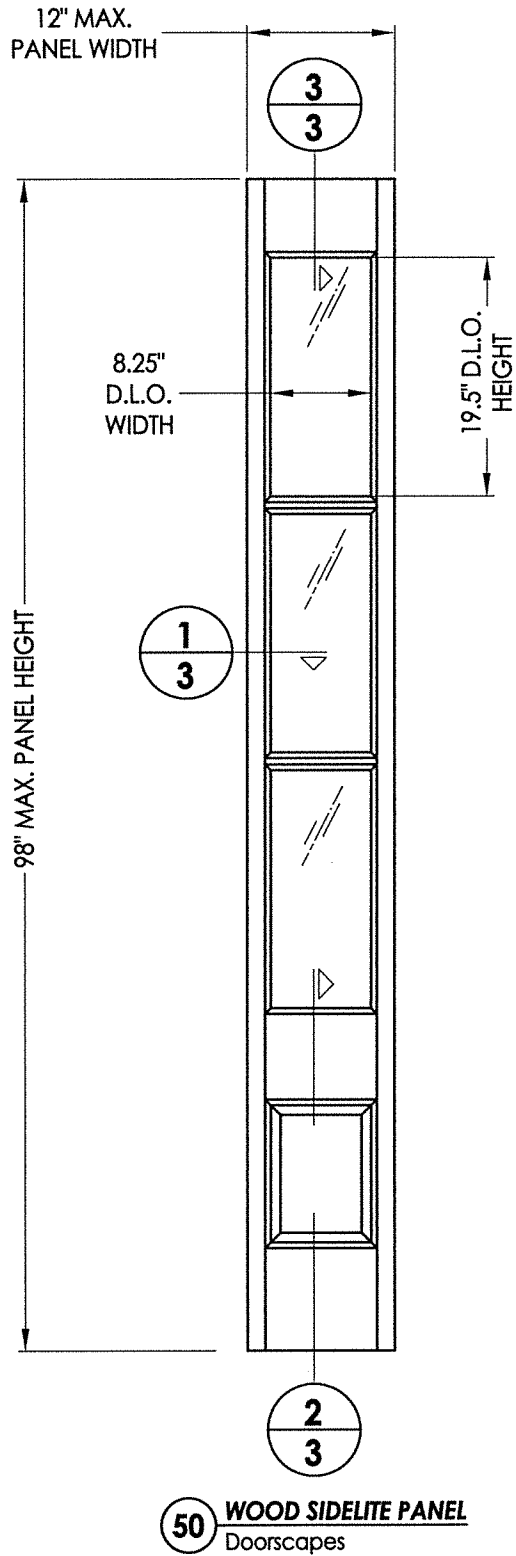
HARDWARE TABLE	
MANUFACTURER	MODEL
YALE	LEVER: YALE EDGE SERIES DEADBOLT: YALE EDGE SERIES



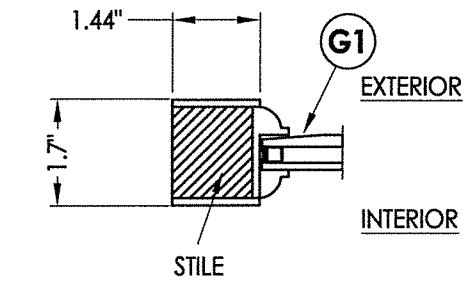
2 VERTICAL CROSS SECTION



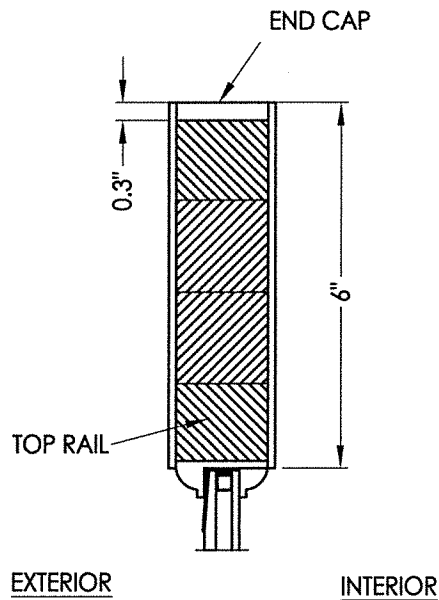
Z:\Clients\Doorscapes\A - Florida Product Approvals\FL-28833 (Wood Door)\C - Drawings\FL-28833.2-3.dwg



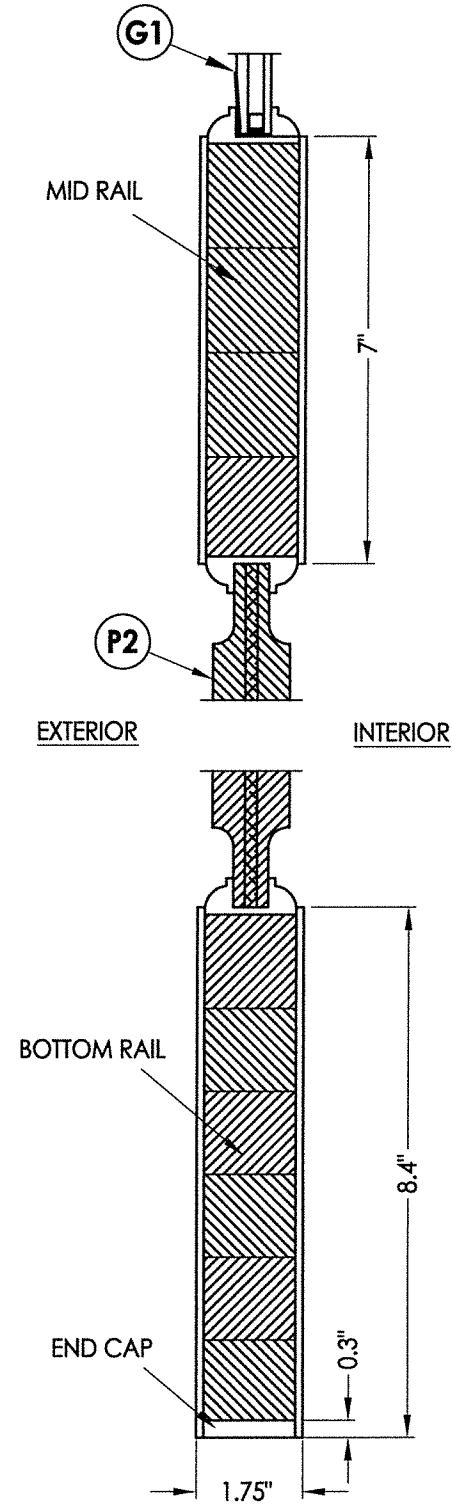
WOOD SIDELITE COMPONENTS:
OUTER VANEER (3mm) & END CAPS: ALDER (G= 0.4 MIN.)
CORE: PINE (G= 0.4 MIN.)



1 3 VERTICAL CROSS SECTION

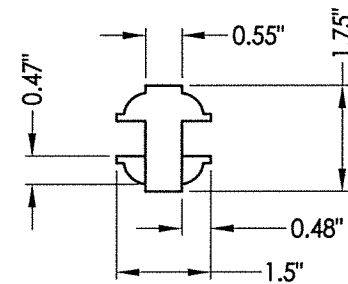
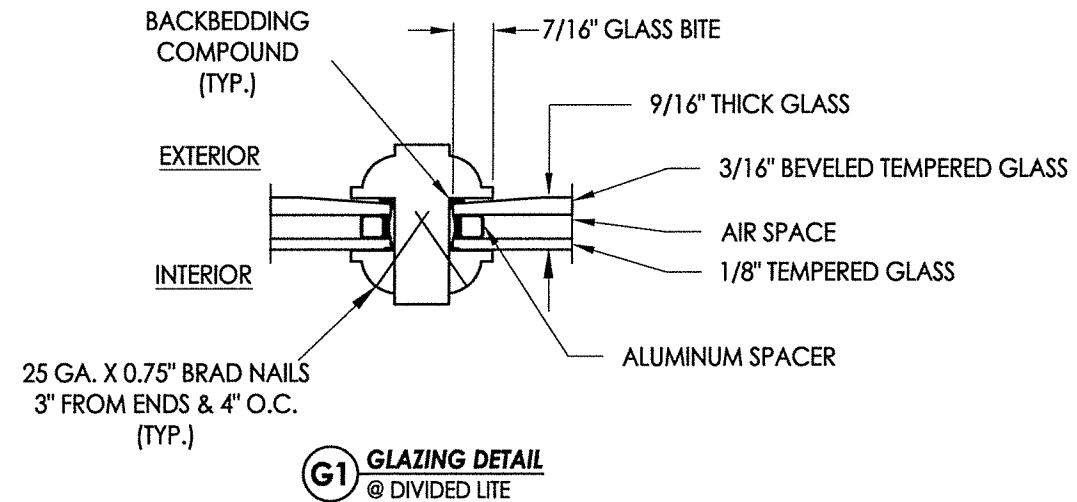
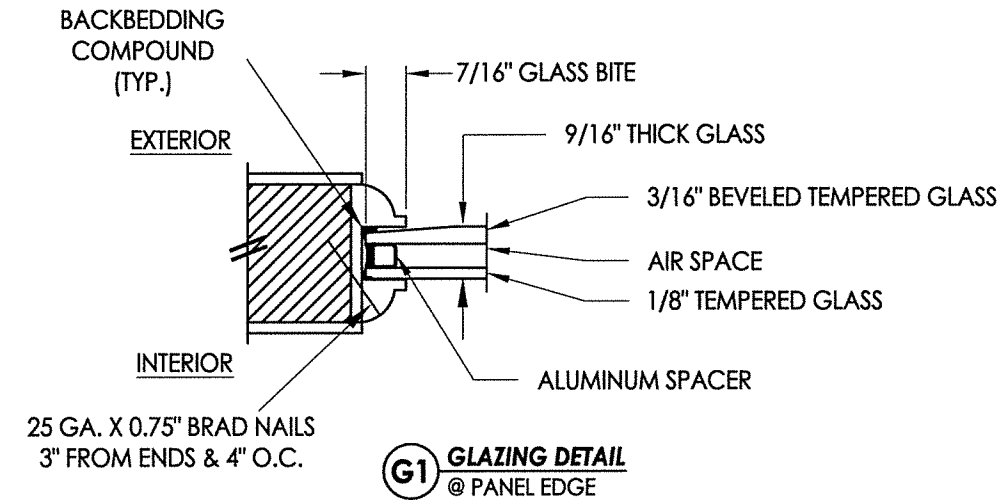


3 3 VERTICAL CROSS SECTION

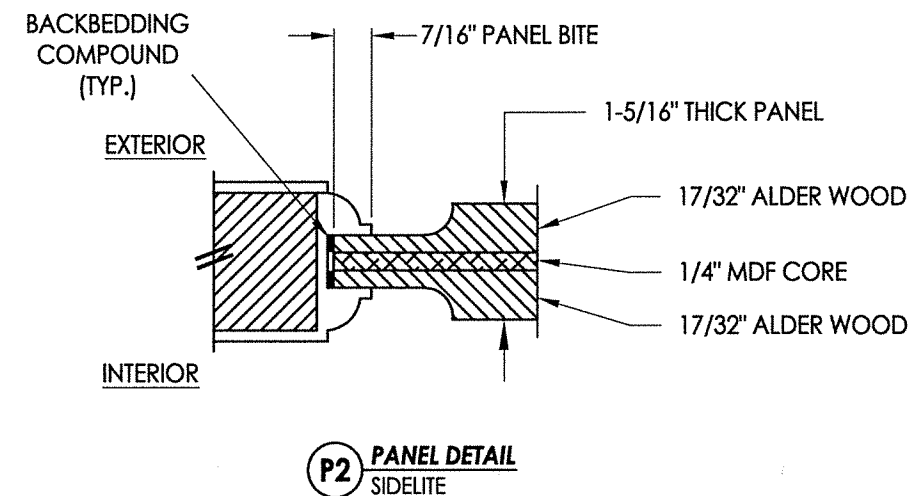
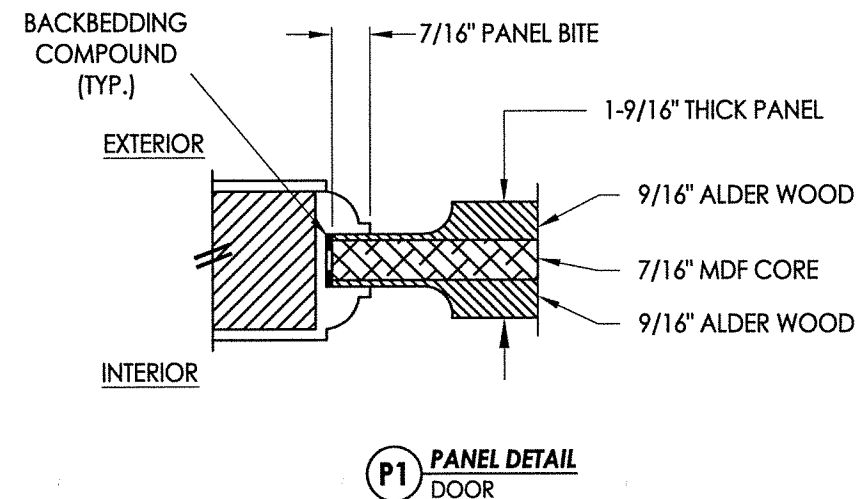


2 3 VERTICAL CROSS SECTION

March 21, 2022 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: DOORSCAPES FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS	
				BY	
				NO. DATE	
				REVISIONS	
DATE: 3/07/22					
SCALE: N.T.S.					
DWG. BY: LFS					
CHK. BY: RW					
DRAWING NO.: FL-28833.3					
SHEET 3 OF 12					



TRUE DIVIDED LITE MUNTIN



STATE OF FLORIDA
PROFESSIONAL ENGINEER
L. F. SCHMIDT
License No. 43409

March 21, 2022

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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:		DOORSCAPES FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR GLAZING & PANEL DETAILS	
BY	NO.	DATE	REVISIONS

DATE: 3/07/22

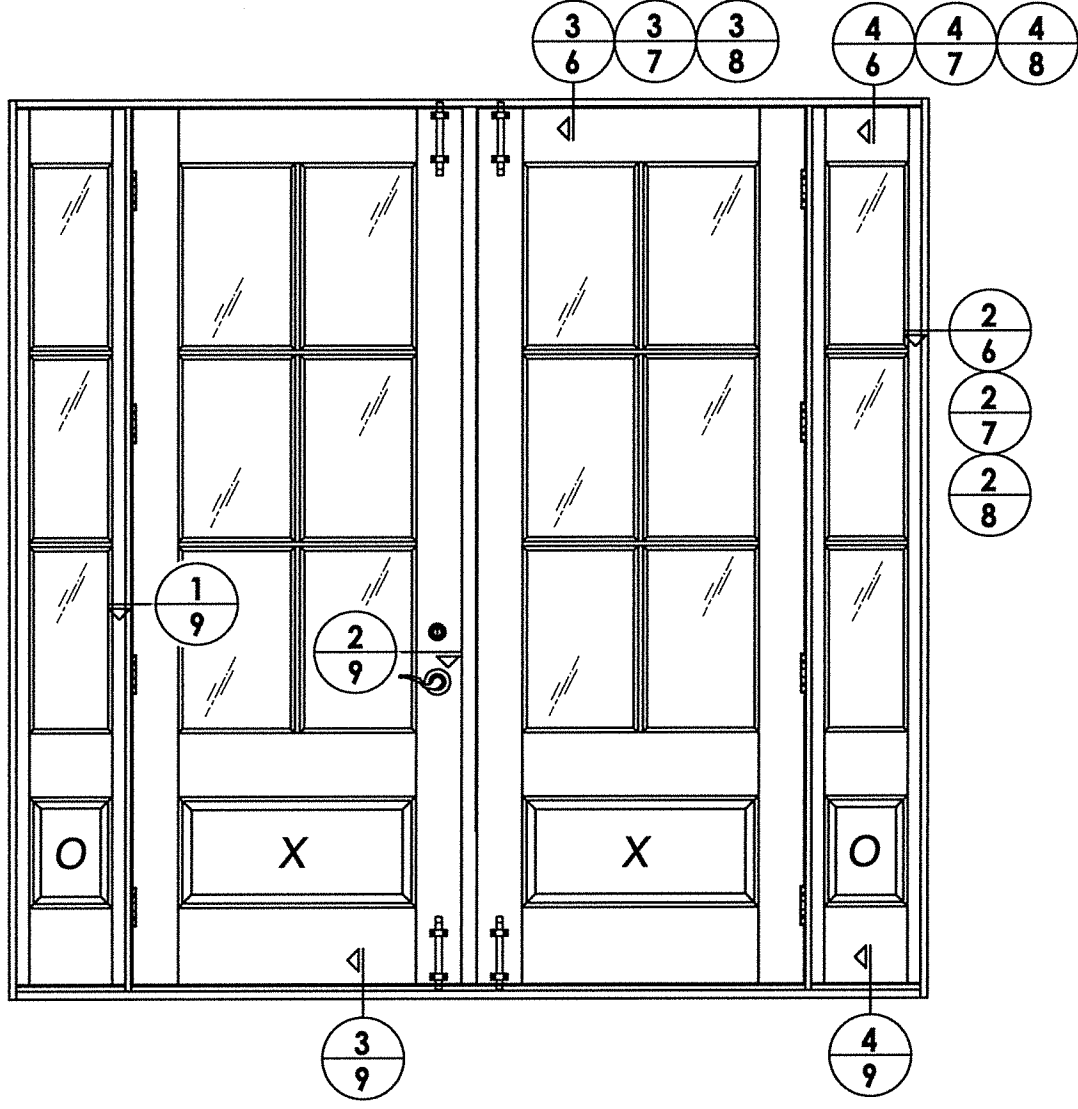
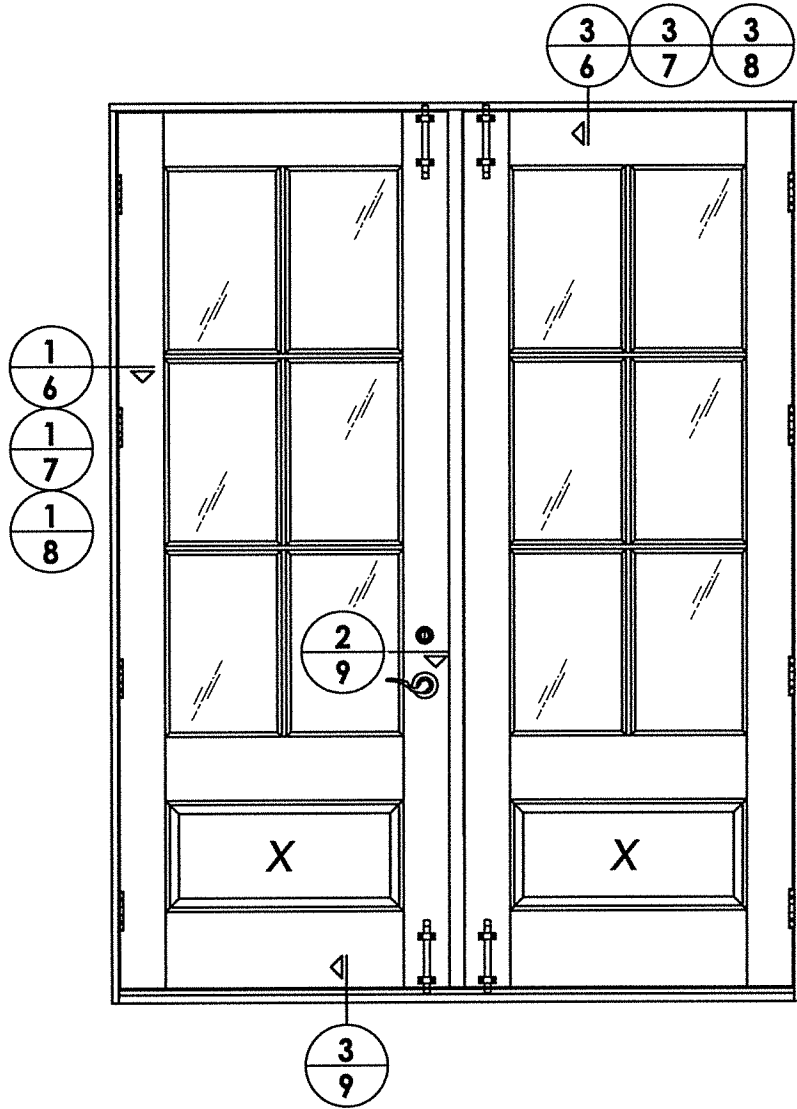
SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-28833.3

SHEET 4 OF 12



DATE: 3/07/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-28833.3

SHEET 5 OF 12

NO. DATE

REVISIONS

BY

ELEVATIONS

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:

Documents Prepared By:
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P.E. No. 43409

March 21, 2022

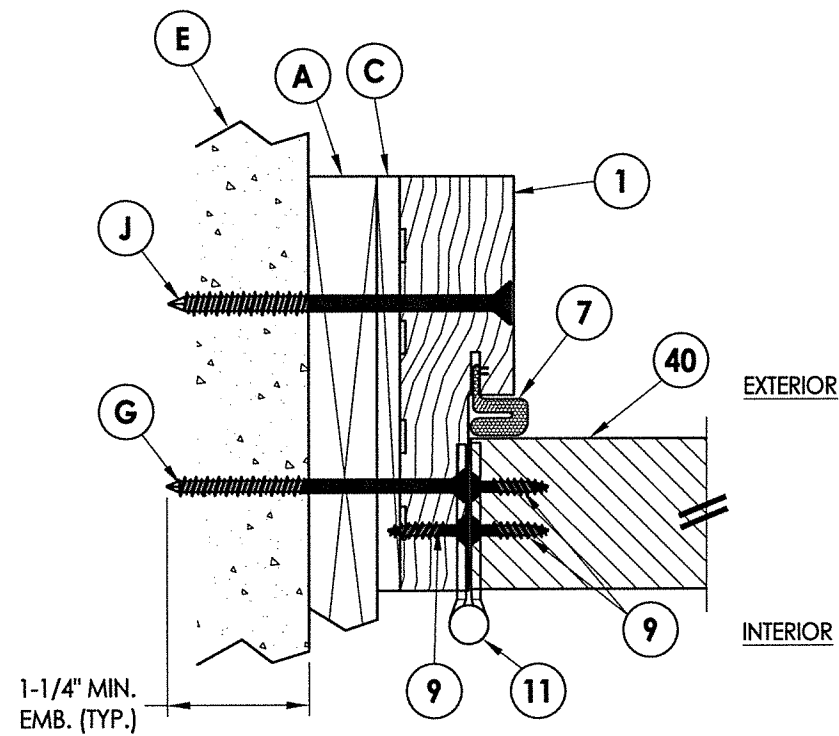
STATE OF FLORIDA
PROFESSIONAL ENGINEER
L. F. SCHMIDT
LICENSE No. 43409

RW

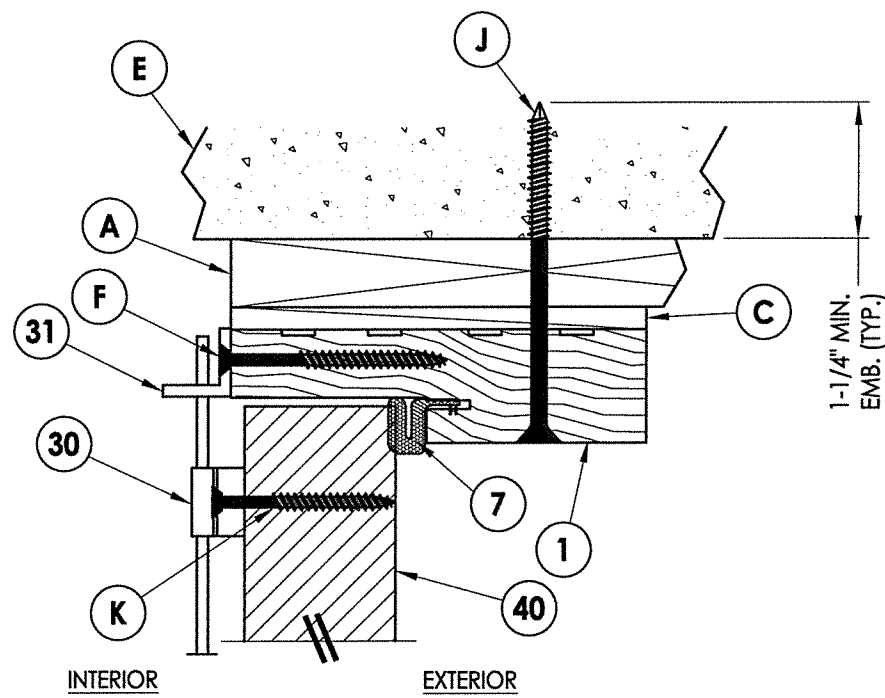
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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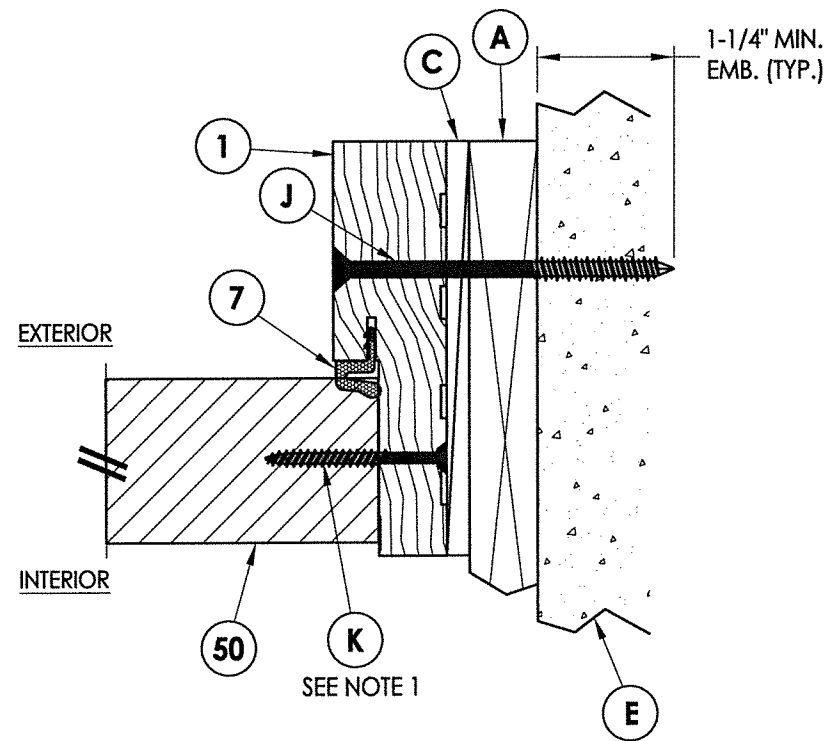
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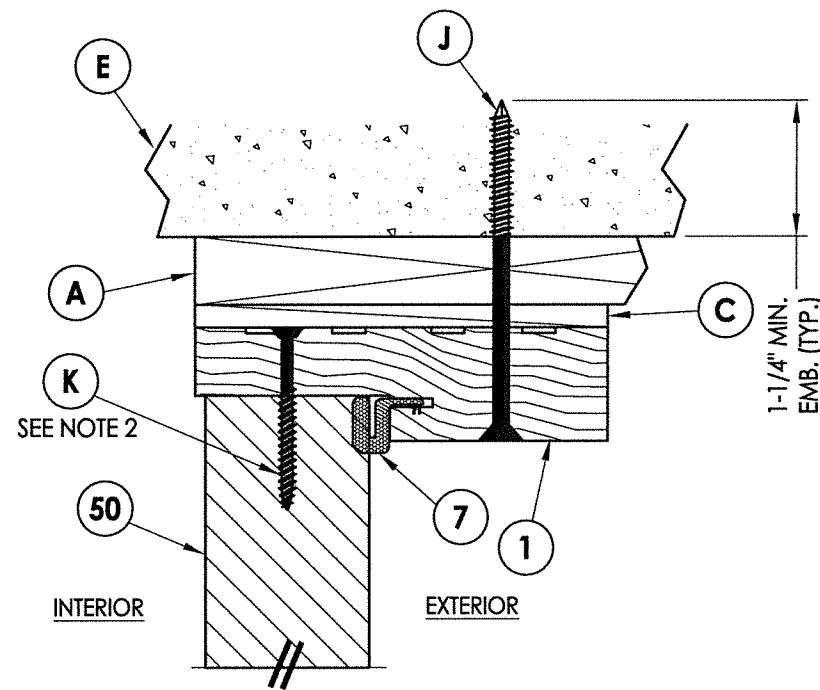
1
7 **HORIZONTAL CROSS SECTION**
1X Buck Construction



3
7 **VERTICAL CROSS SECTION**
1X Buck Construction



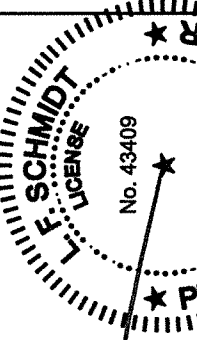
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7 **HORIZONTAL CROSS SECTION**
1X Buck Construction



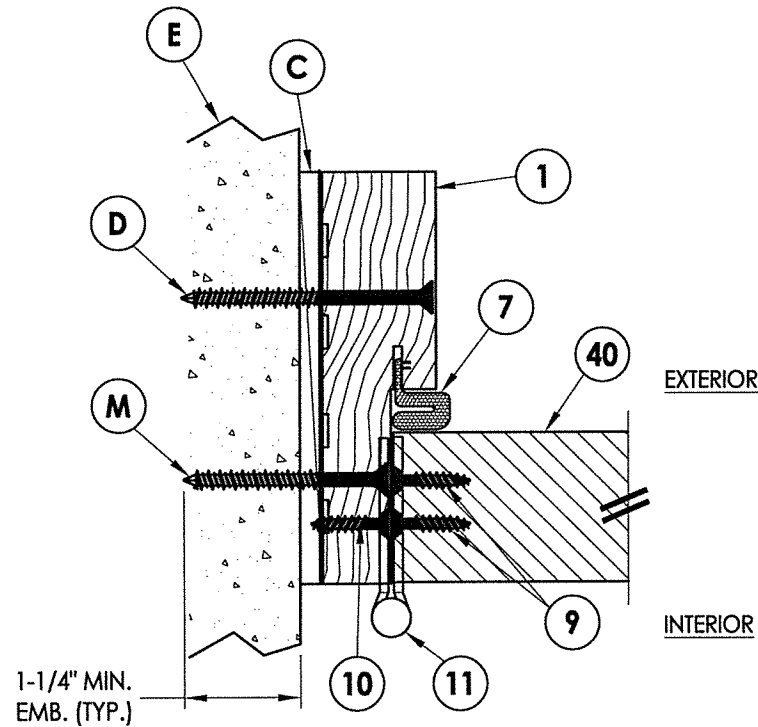
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7 **VERTICAL CROSS SECTION**
1X Buck Construction

NOTES:

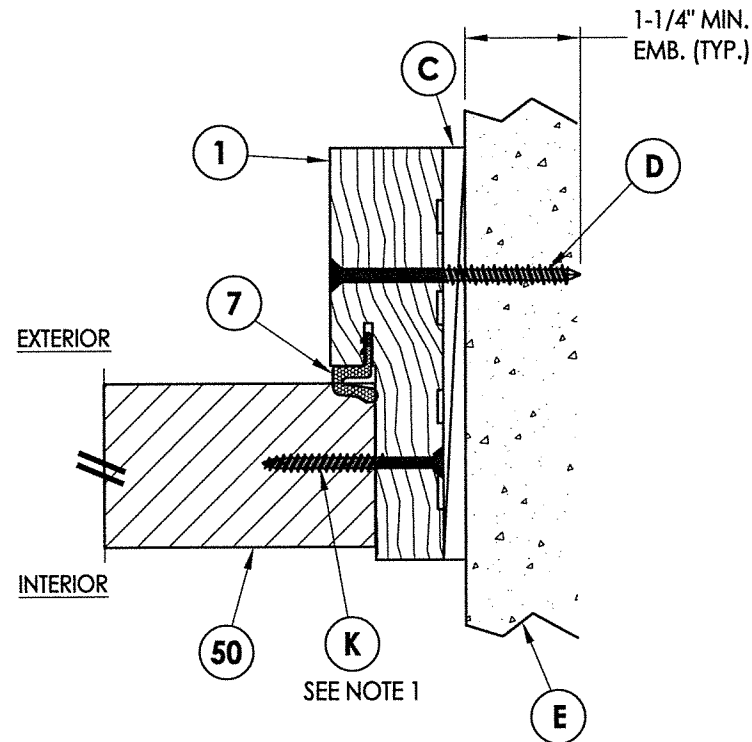
1. Sidelite attached @ 4" from each end plus 3 more screws equally spaced between (5 screws total per jamb.)
2. Sidelite attached @ 3" from each end (2 total).

		March 21, 2022	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		STATE OF FLORIDA PROFESSIONAL ENGINEER	
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		RW	
PRODUCT: DOORSCAPES FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.		DATE	
BY		REVISIONS	
DATE: 3/07/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-28833.3			
SHEET 7 OF 12			

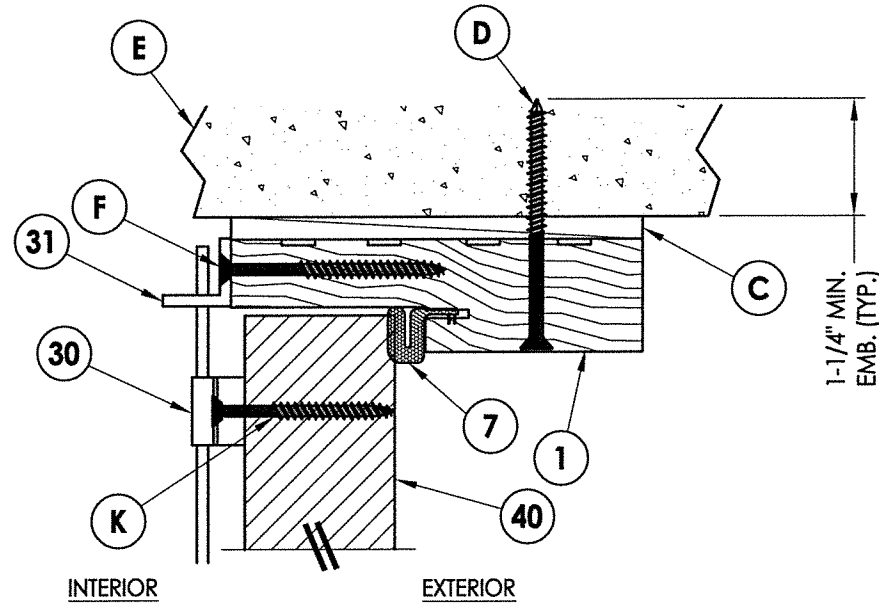
Z:\Clients\Doorscapes\A - Florida Product Approvals\FL-28833 (Wood Door)\C - Drawings\FL-28833 (2020)\FL28833.2-3.dwg



1 HORIZONTAL CROSS SECTION
8 Shown Direct to Masonry

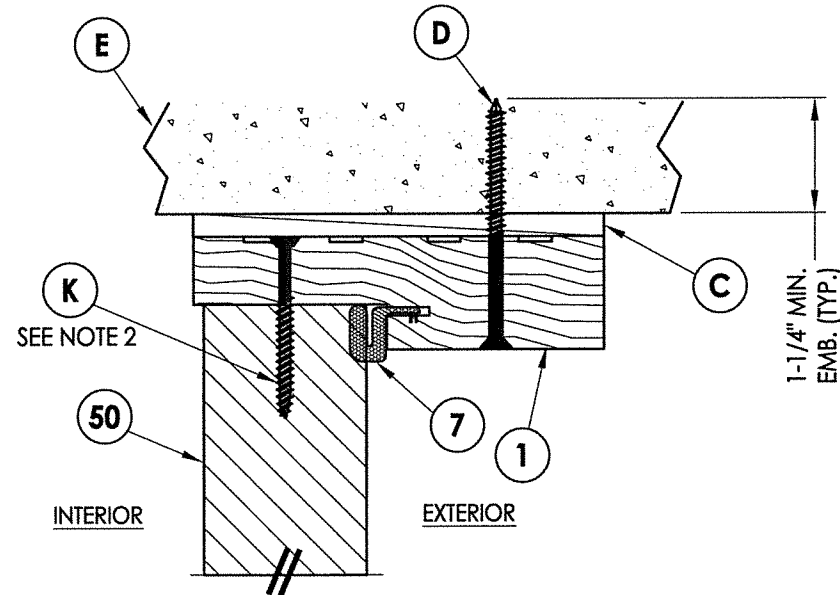


2 HORIZONTAL CROSS SECTION
8 Shown Direct to Masonry



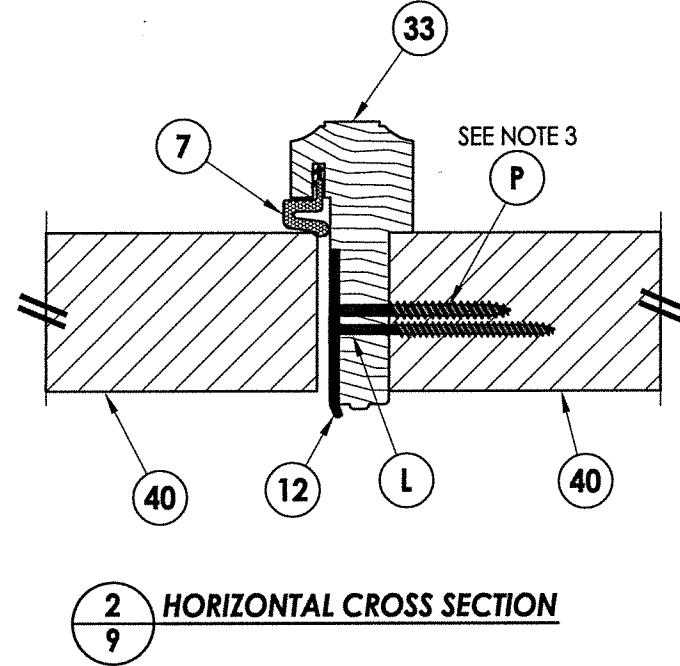
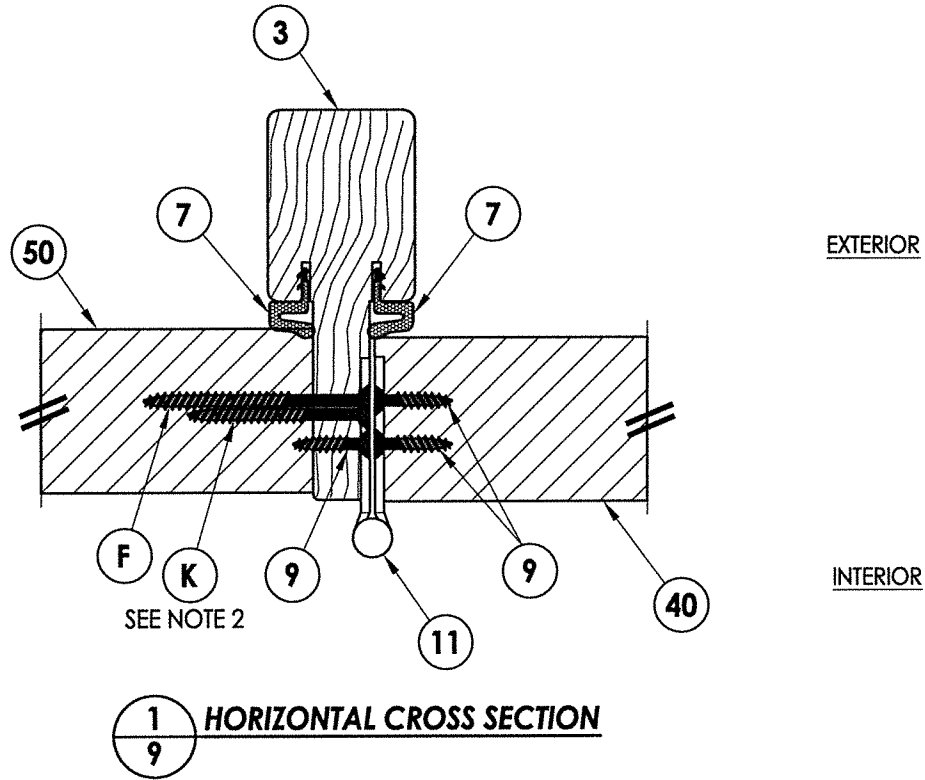
3 VERTICAL CROSS SECTION
8 Shown Direct to Masonry

- NOTES:
1. Sidelite attached @ 4" from each end plus 3 more screws equally spaced between (5 screws total per jamb.)
 2. Sidelite attached @ 3" from each end (2 total).

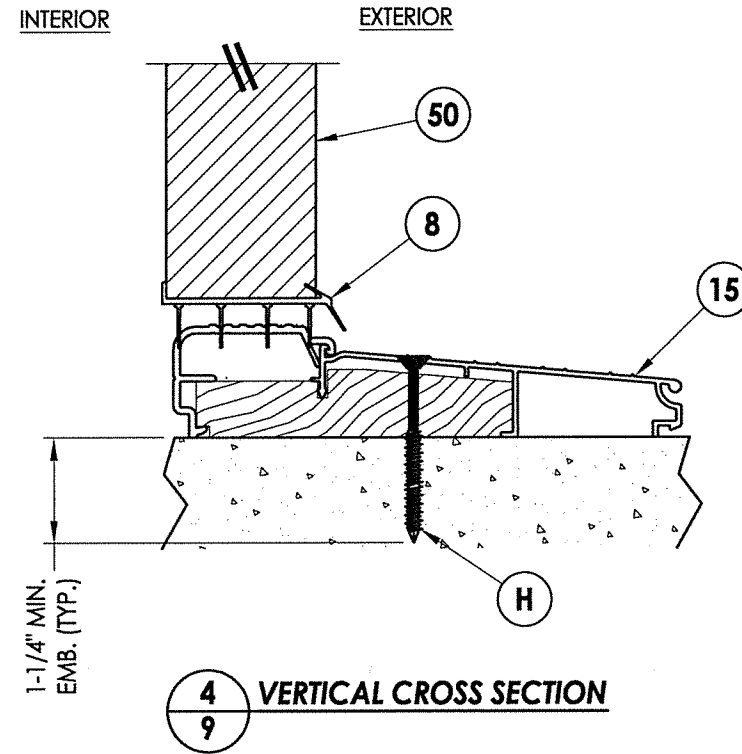
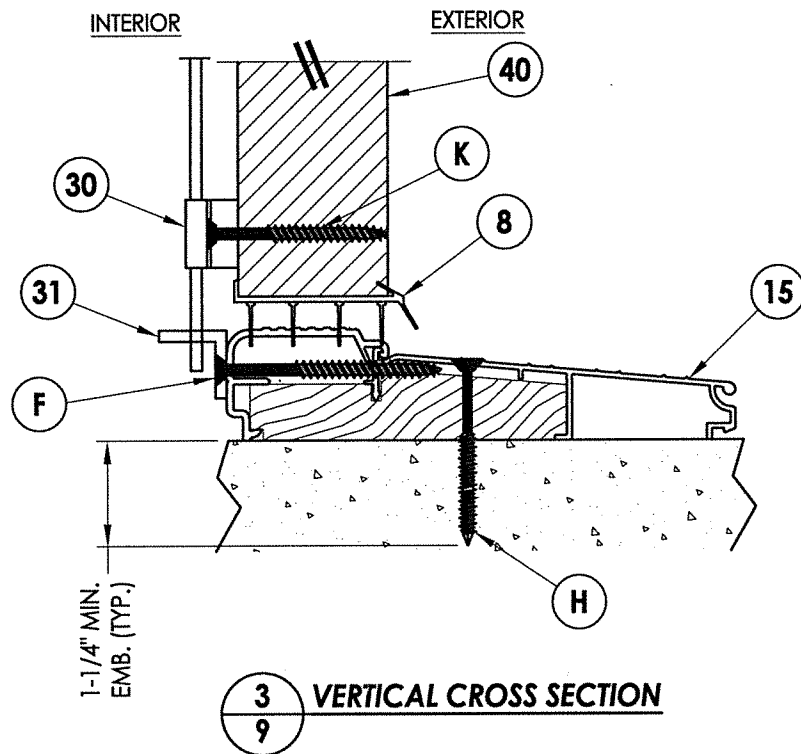


4 VERTICAL CROSS SECTION
8 Shown Direct to Masonry

March 21, 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:	DOORSCAPES FIBERGLASS DOOR	
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	BY
REVISIONS		
DATE: 3/07/22		
SCALE: N.T.S.		
DWG. BY: LFS		
CHK. BY: RW		
DRAWING NO.: FL-28833.3		
SHEET 8 OF 12		



- NOTES:
1. Sidelite attached @ 4" from each end plus 3 more screws equally spaced between (5 screws total per jamb.)
 2. Sidelite attached w/ 1 screw equally spaced between each hinge (3 screws total per mullion).
 3. Astragal attached @ 8" from each end plus 5 more screws equally spaced between (7 screws total).



March 21, 2022

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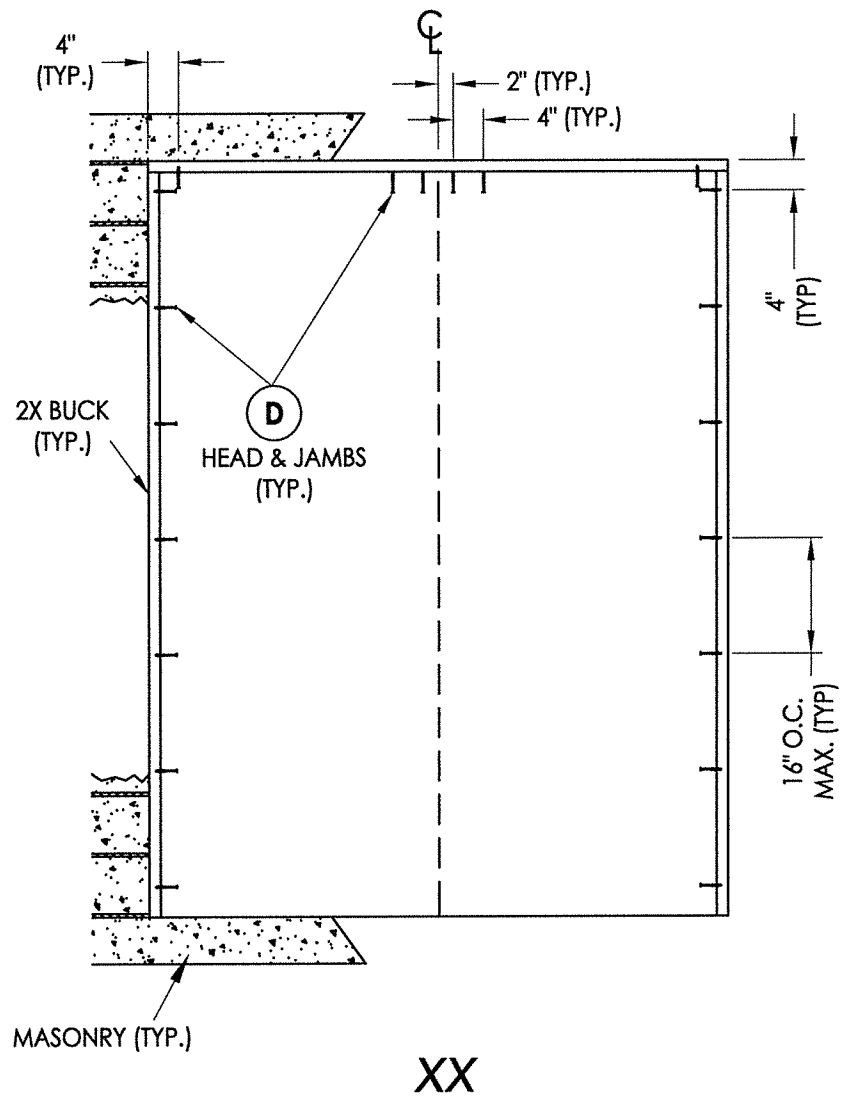
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

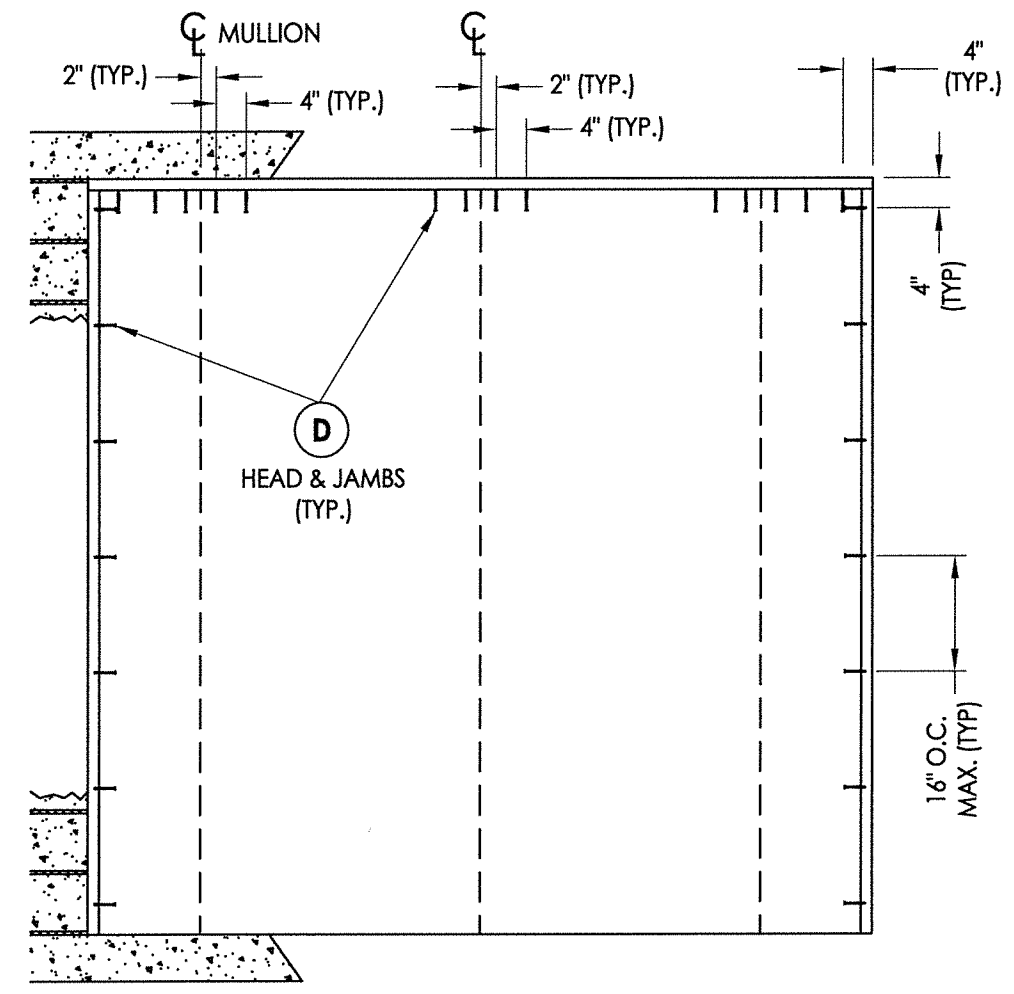
NO. DATE REVISIONS BY

DATE: 3/07/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-28833.3
SHEET 9 OF 12



XX

2X BUCK ANCHORING



OXXO

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STATE OF FLORIDA
PROFESSIONAL ENGINEER

March 21, 2022

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

PRODUCT: DOORSCAPES FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	
NO.	DATE
REVISIONS	
BY	
DATE: 3/07/22	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: FL-28833.3	
SHEET 10 OF 12	

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	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	#7 X 2" DRYWALL SCREW	STEEL
1	JAMB (PINE, G >= 0.4)	WOOD
3	INTEGRAL MULLION (PINE, G >= 0.4)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	VINYL
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
15	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
30	8" SURFACE BOLTS (HAGER 275D)	STEEL
31	SURFACE BOLT GUIDE PLATE	STEEL
32	#8 X 2-1/2" FH SMS	STEEL
33	WOOD ASTRAGAL (PINE, G >= 0.4)	WOOD
34	ASTRAGAL STRIKE PLATE	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

