



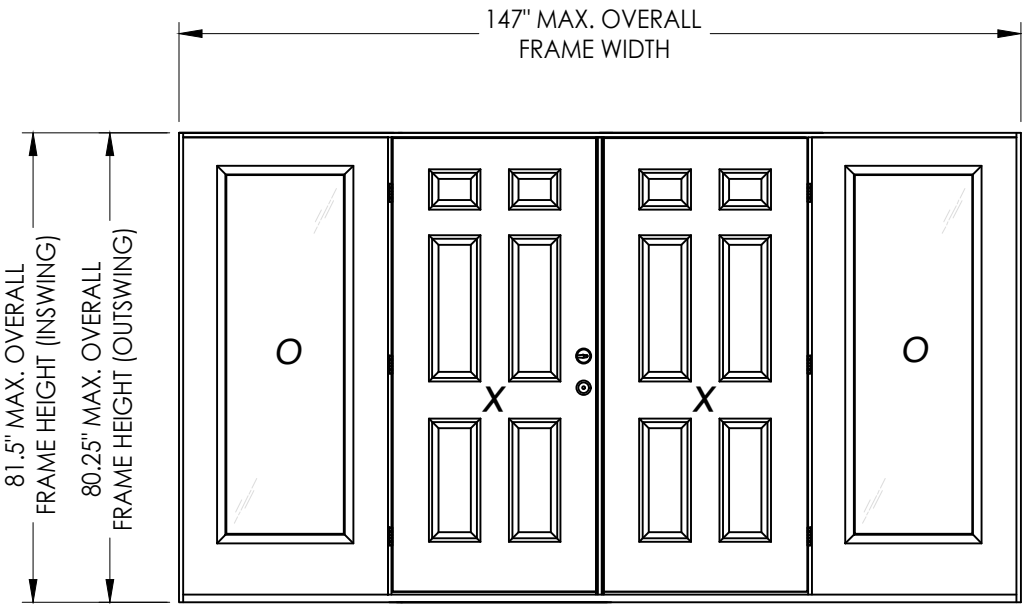
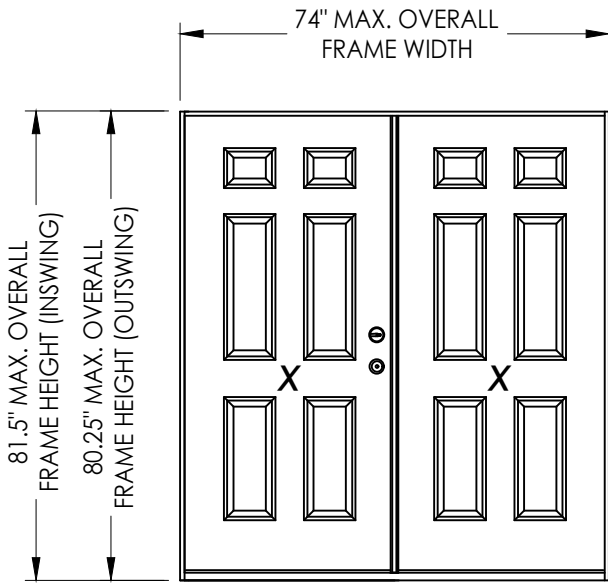
OPAQUE FIBERGLASS ENTRY DOOR DOUBLES w/ or w/out SIDELITES

INSWING/OUTSWING "NON-IMPACT"

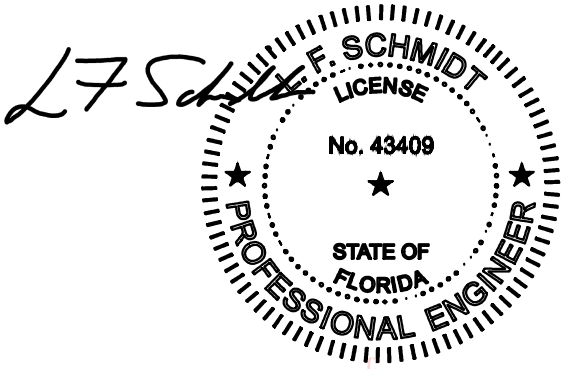
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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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SHEET #	DESCRIPTION
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2	Door Panel Details & Glazing Details
3	Sidelite Panel Details
4	Elevations
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6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring & Hardware Details
12	Astragal Details
13	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 81.5"	+50.0	-55.0	+50.0	-50.0
OXXO	147.0" x 81.5"	+40.0	-40.0	+40.0	-40.0



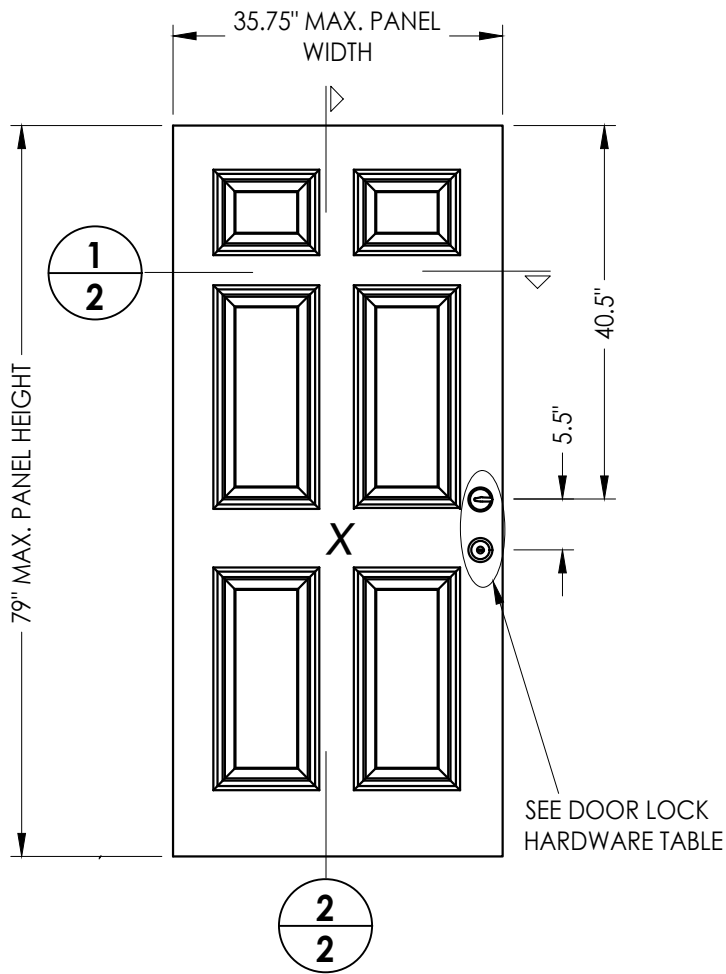
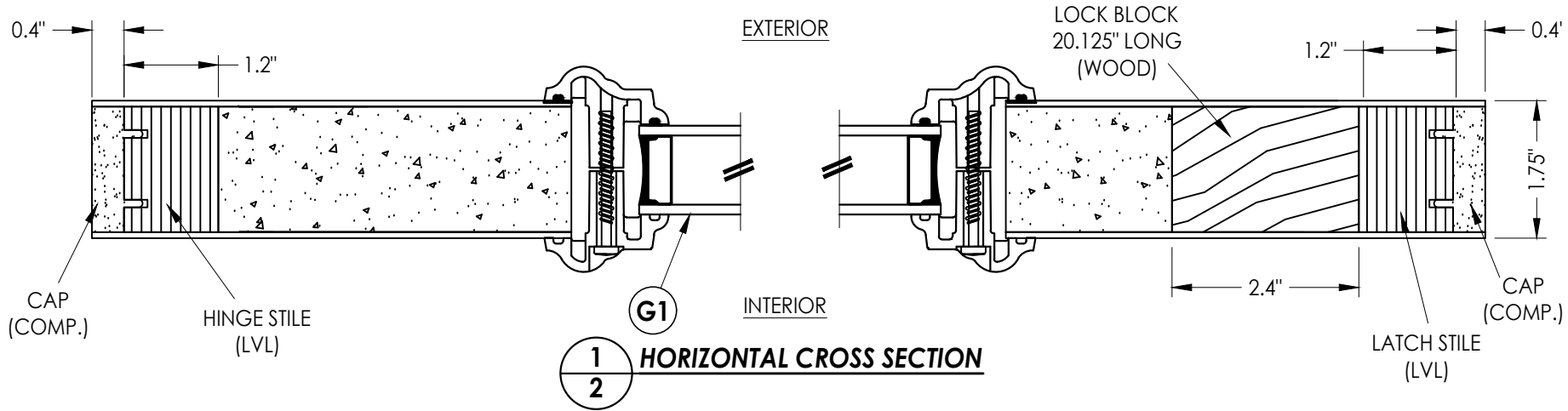
Digitally signed by Lyndon F Schmidt
Date: 2024.02.22 16:42:44 -05'00'

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

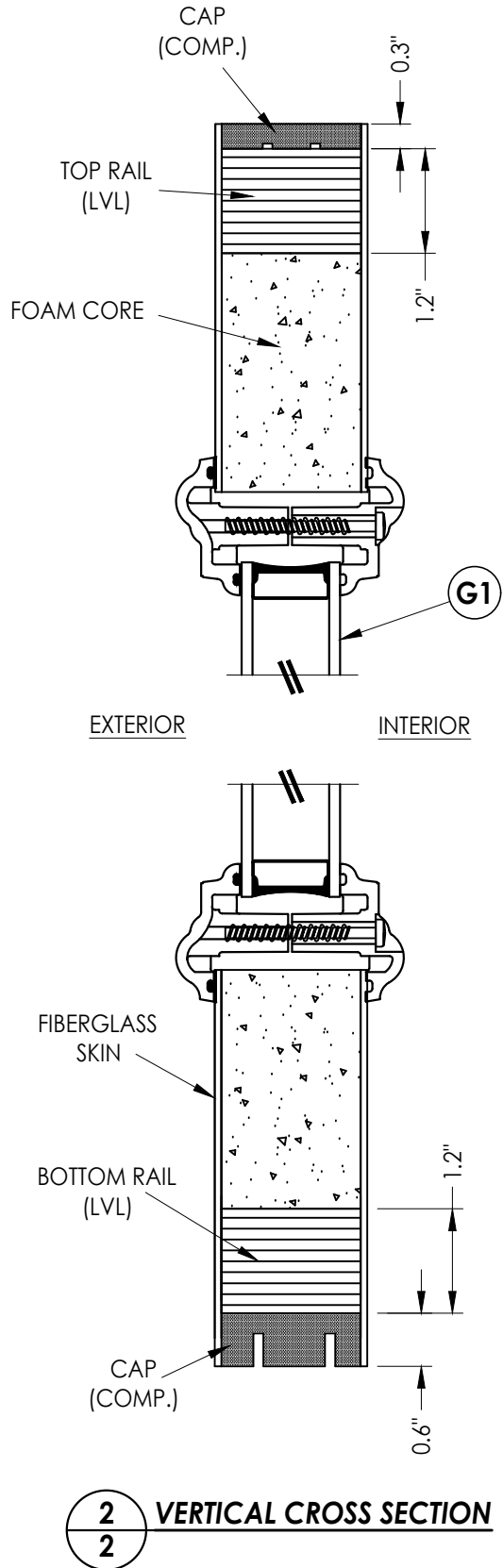
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FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.

HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	KNOB:	YE SERIES (10)
	DEADBOLT:	YE SERIES (82E)



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

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:
DOOR PANEL &
GLAZING DETAILS

NO.	DATE	REVISIONS
3	2/22/24	ADD OUTSWING - NEW TESTING
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 1/21/19

SCALE: N.T.S.

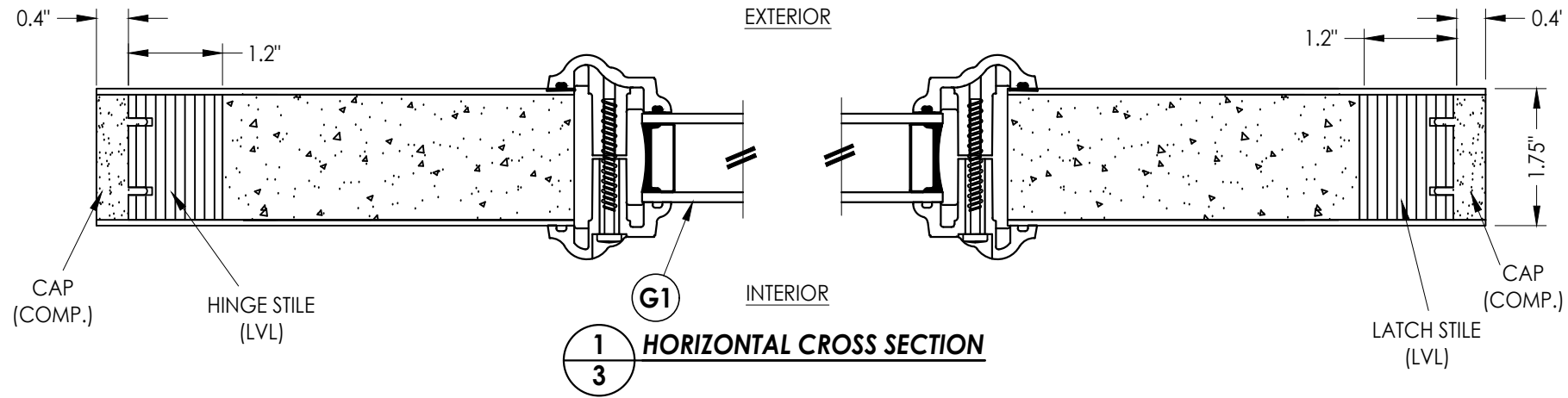
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CHK. BY: LFS

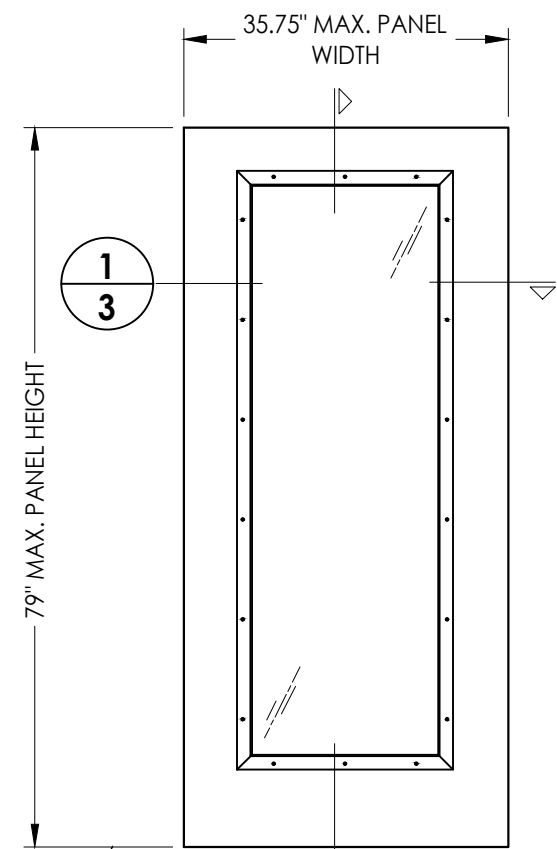
DRAWING NO.: FL-28831.2

SHEET 2 OF 13

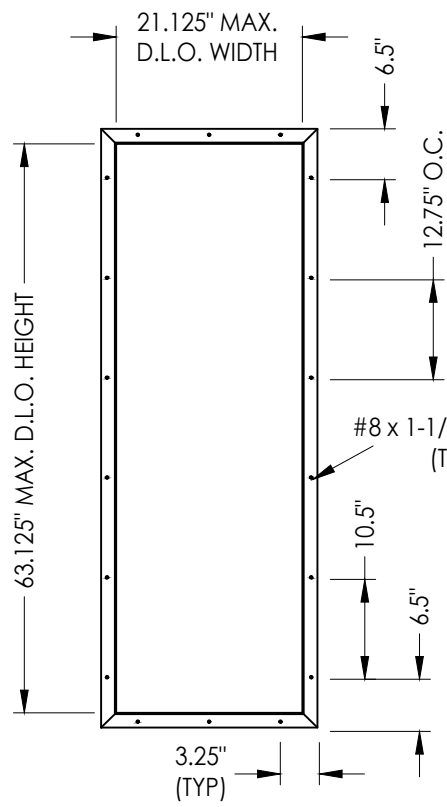
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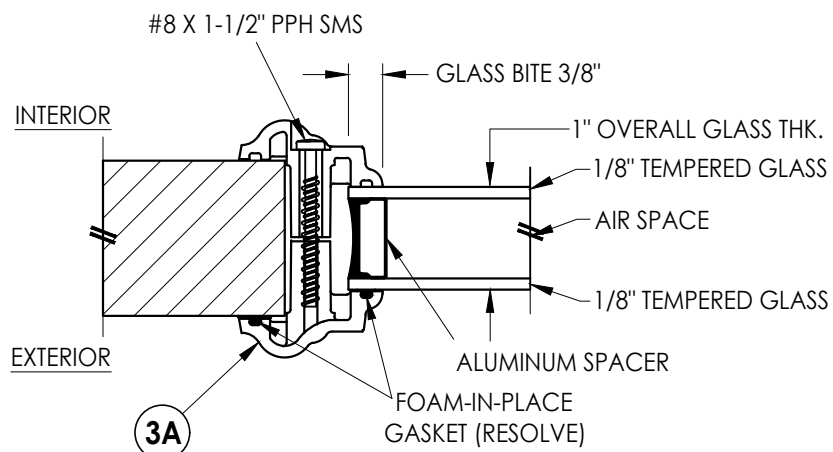
1
3 **HORIZONTAL CROSS SECTION**



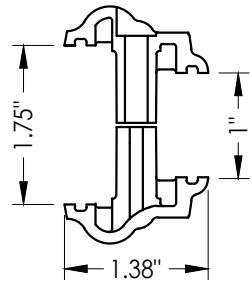
2
3 **SIDELITE PANEL**
Doorscapes



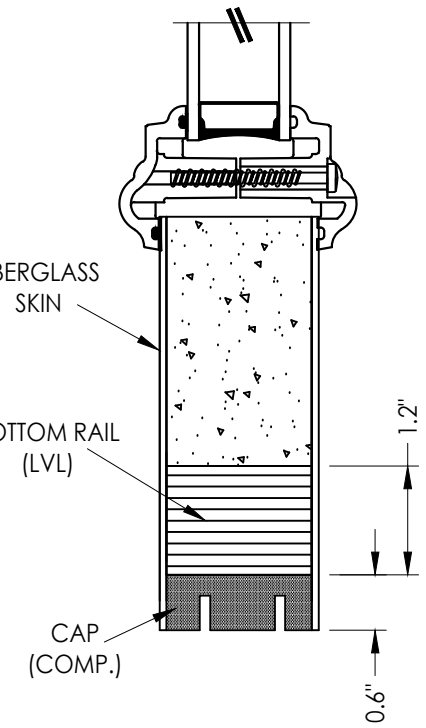
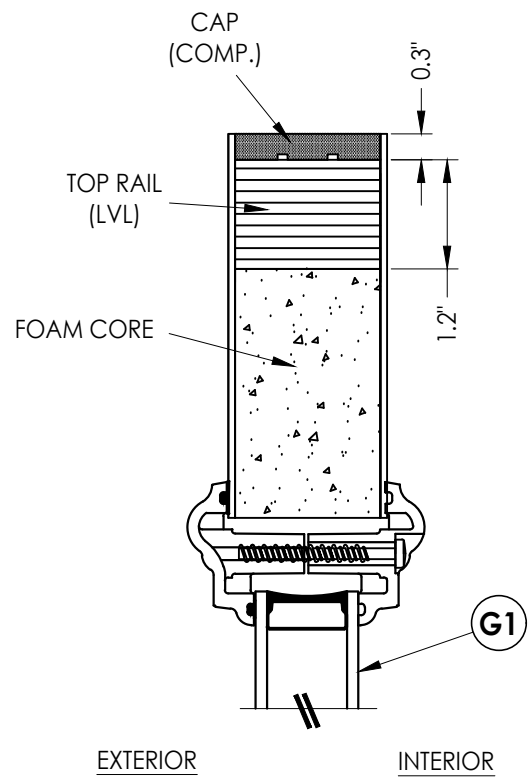
ODL LITE FRAME



G1 **GLAZING DETAIL**
ODL LITE FRAME



3A **ODL LITE FRAME**
HP Polypropylene



2
3 **VERTICAL CROSS SECTION**

FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.

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: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL &
GLAZING DETAILS

NO.	DATE	REVISIONS
3	2/22/24	ADD OUTSWING - NEW TESTING
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 1/21/19

SCALE: N.T.S.

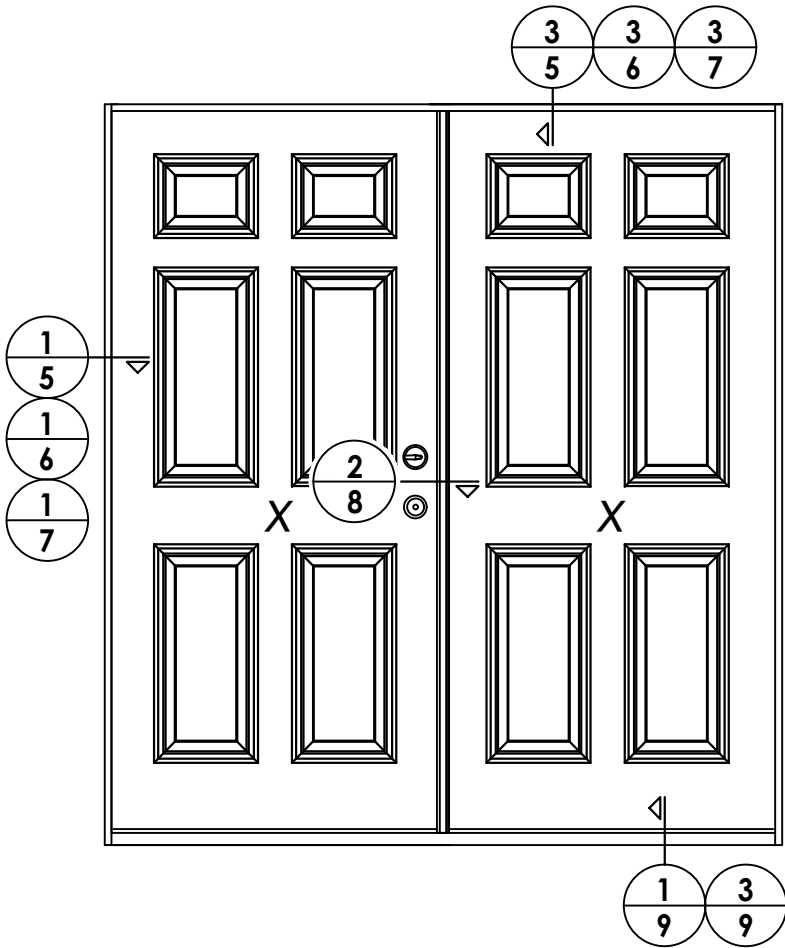
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CHK. BY: LFS

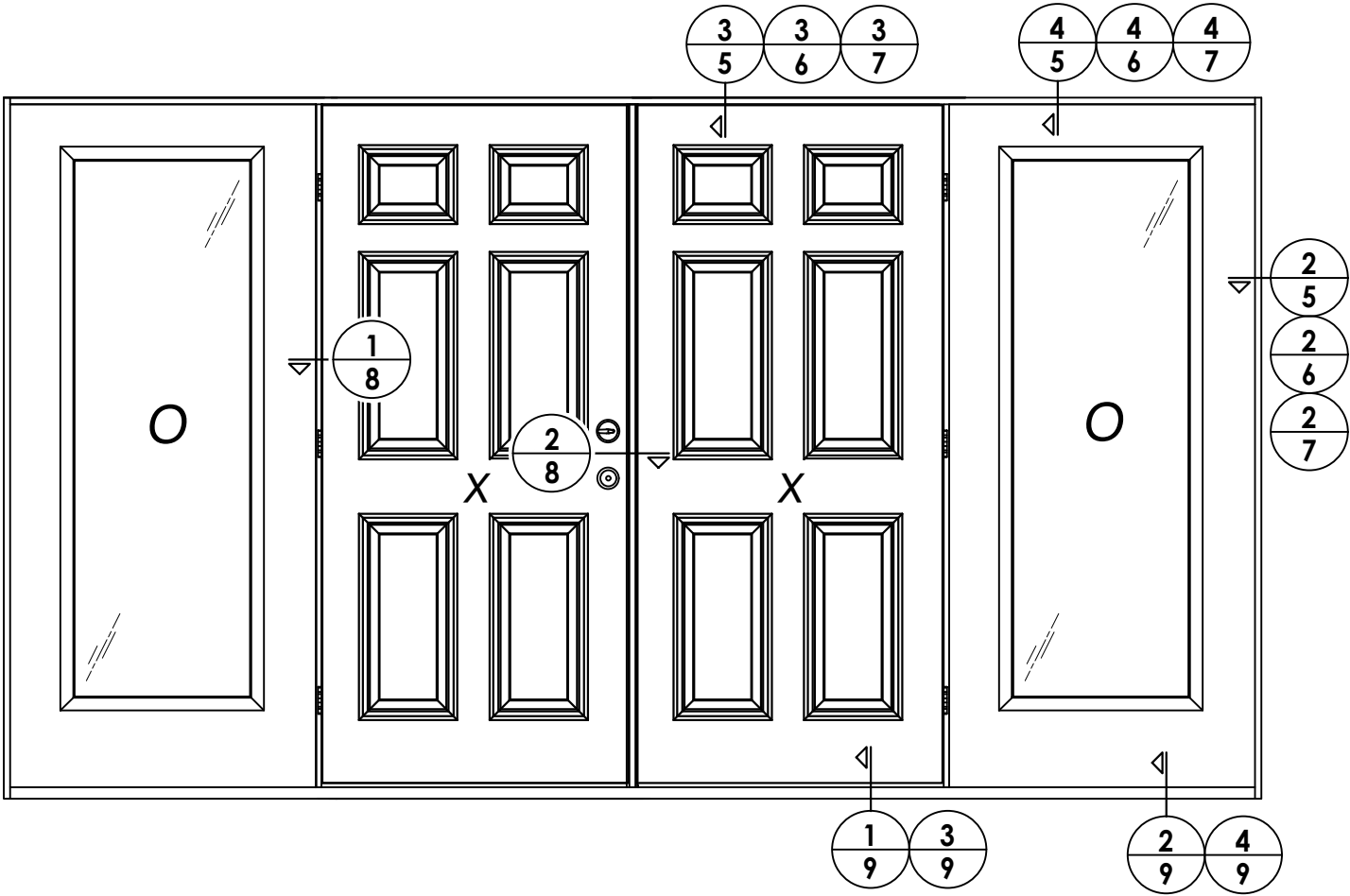
DRAWING NO.: FL-28831.2

SHEET 3 OF 13

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ELEVATION
XX



ELEVATION
OXO

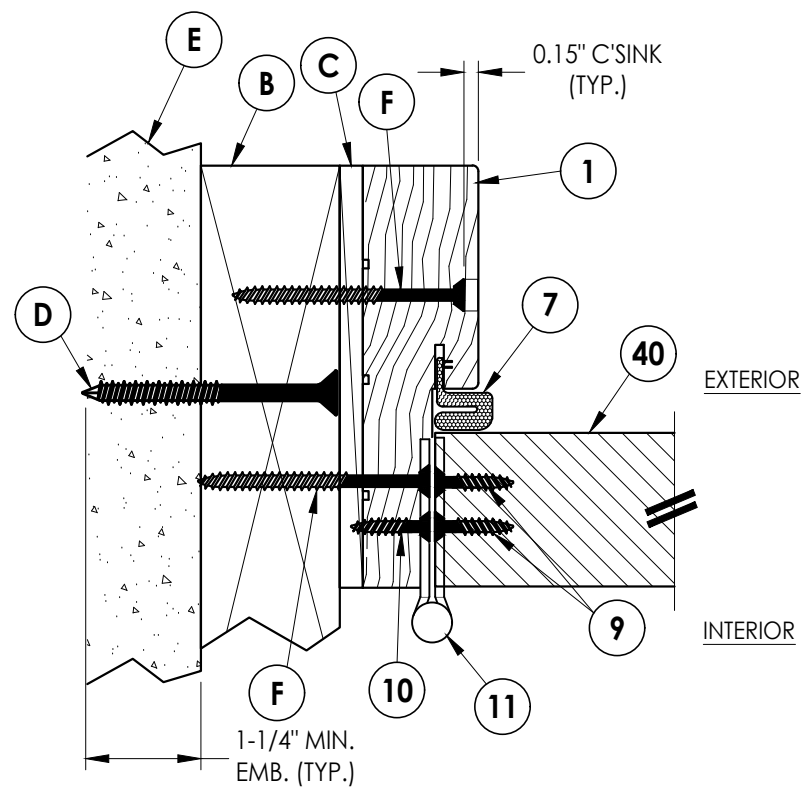
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CHK. BY: LFS
DRAWING NO.: FL-28831.2
SHEET 4 OF 13

NO.	DATE	REVISIONS
3	2/22/24	ADD OUTSWING - NEW TESTING
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC
		BY

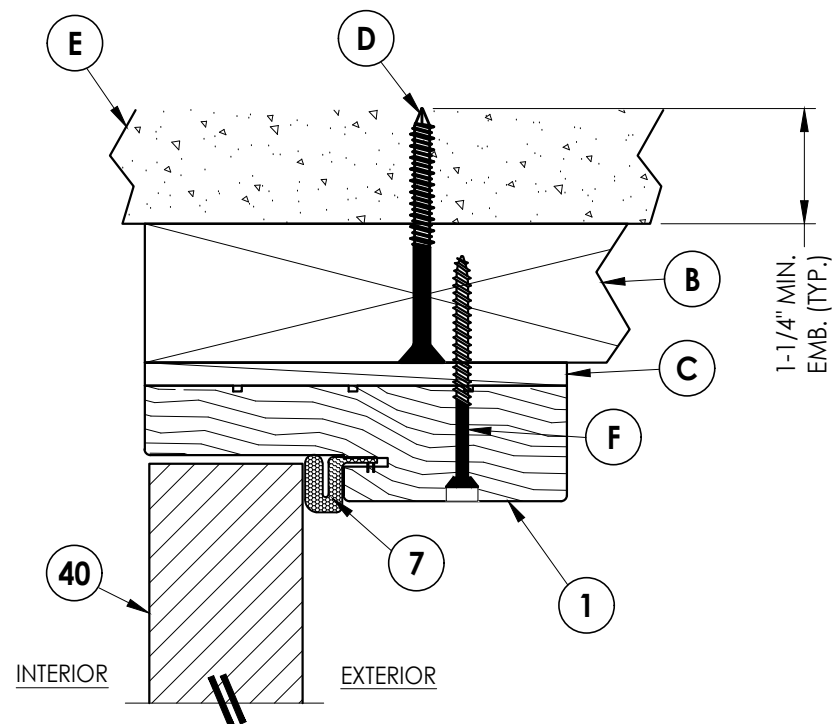
PRODUCT:	DOORSCAPES FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

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Lyndon F. Schmidt
P.E. No. 43409

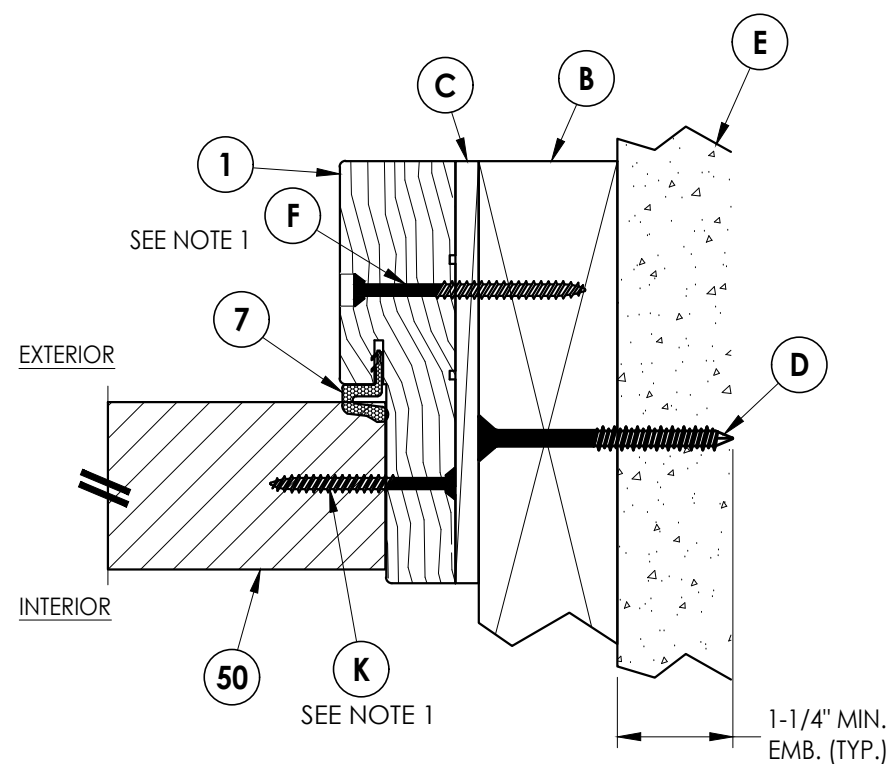
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P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813



1 **HORIZONTAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
 2X Buck Construction

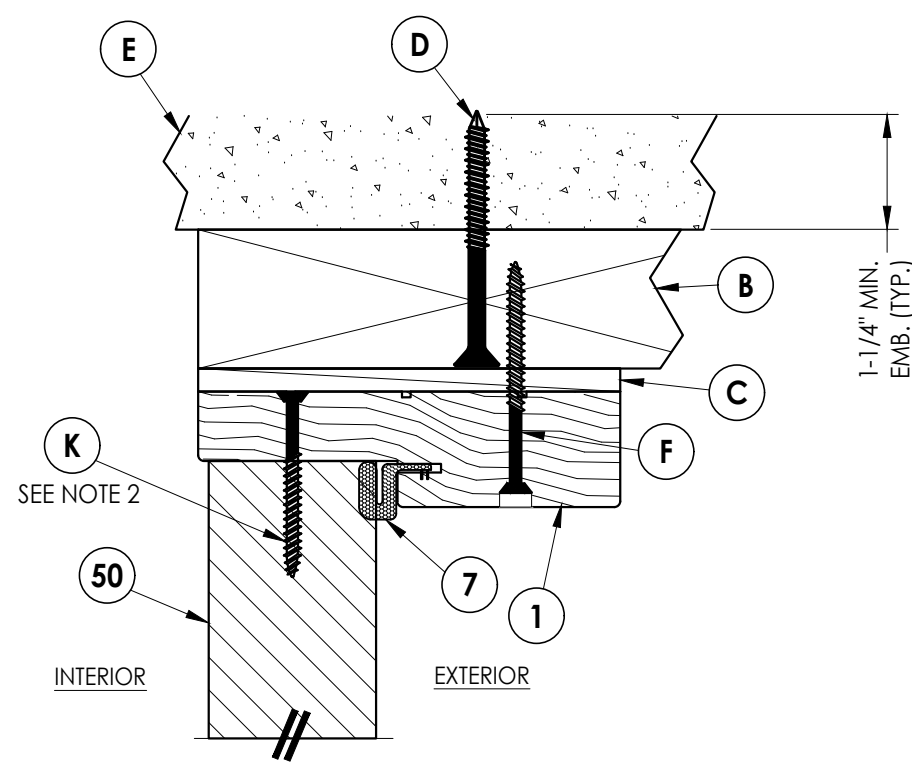


3 **VERTICAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
 2X Buck Construction



2 5 **HORIZONTAL CROSS SECTION**

Inswing Shown (Outswing Similar)
2X Buck Construction



4 VERTICAL CROSS SECTION
5 Inswing Shown (Outswing Similar)
 2X Buck Construction

NOTES:

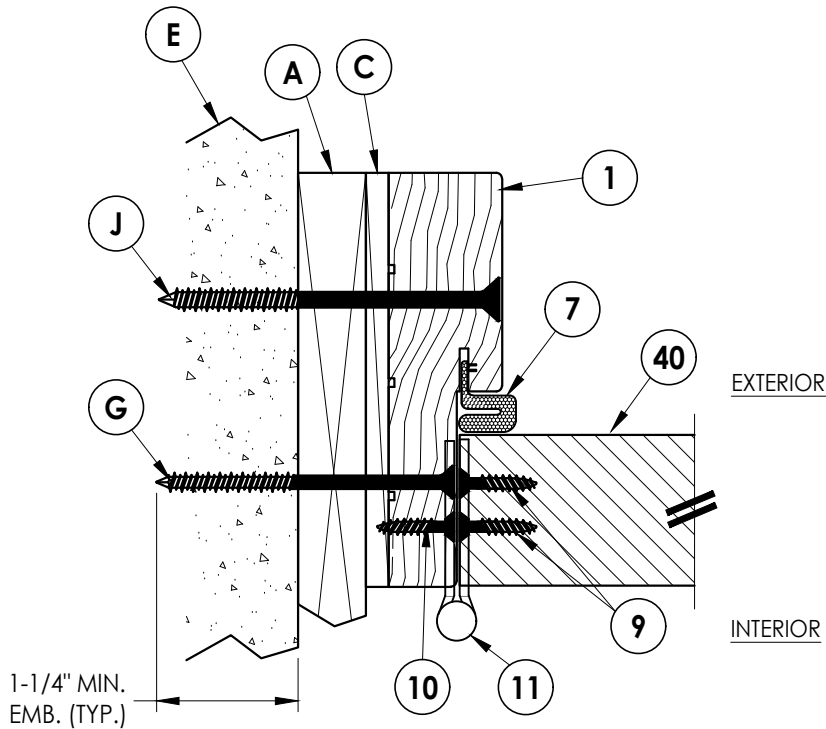
1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
2. Sidelite attached @ 3" from each end (2 screws total @ head).

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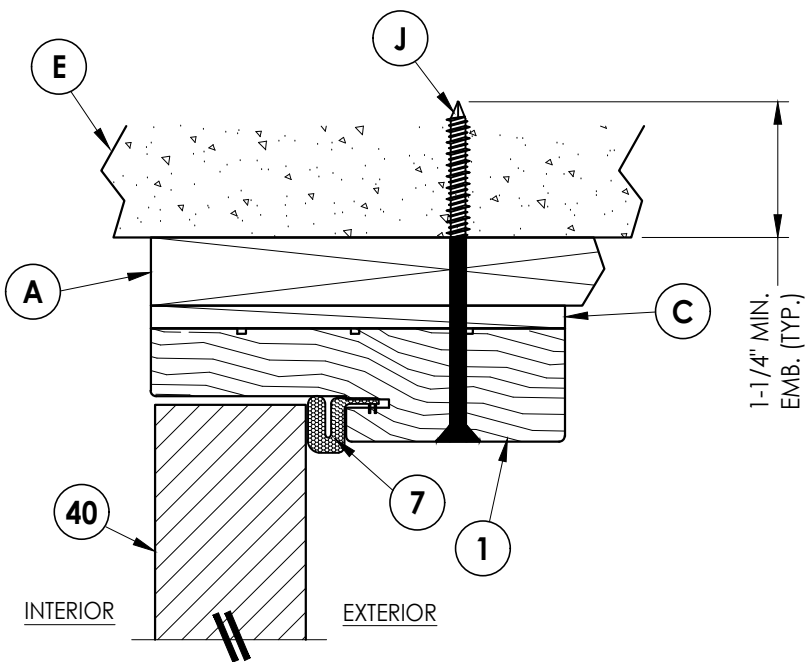
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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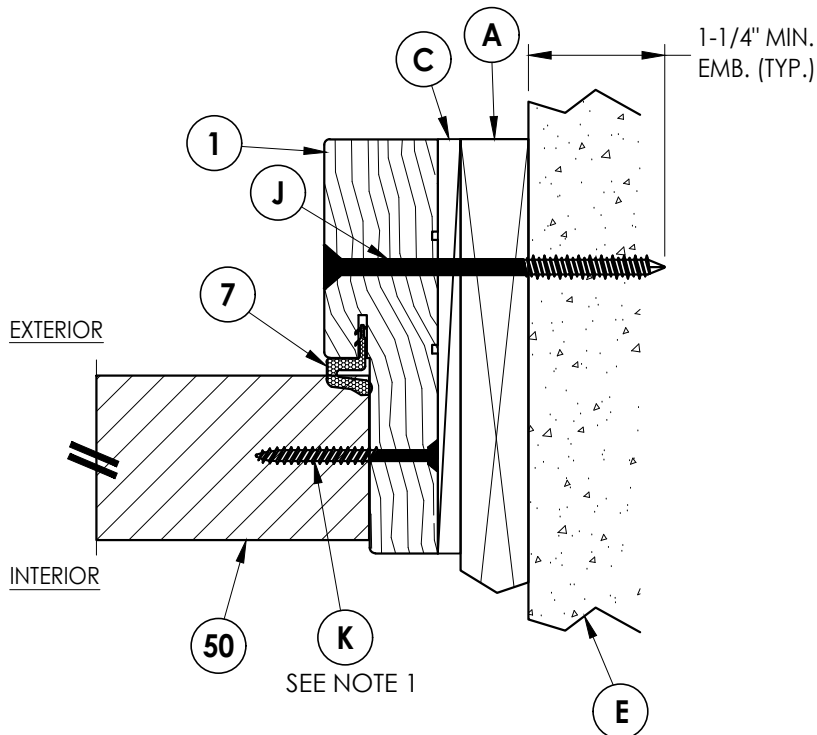
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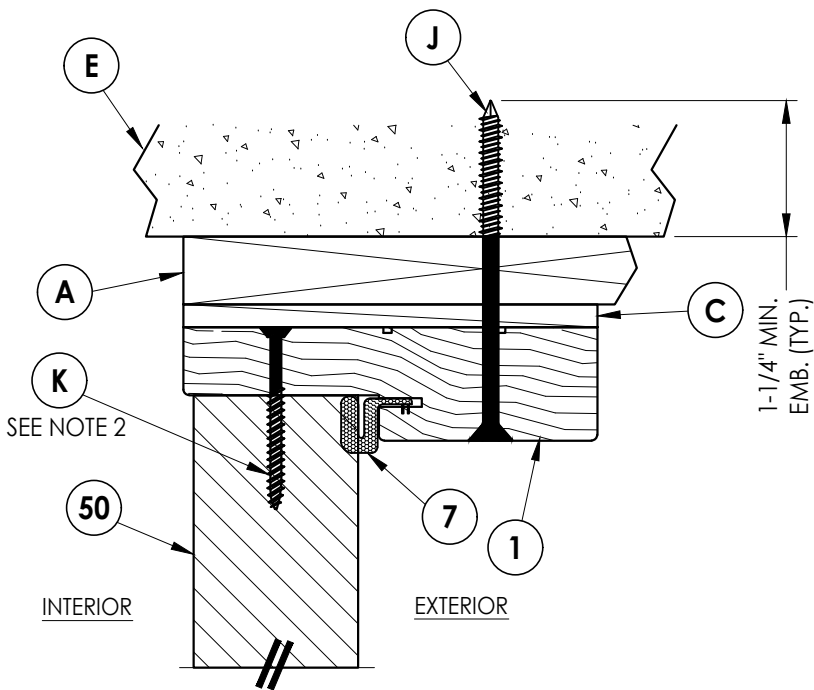
1 HORIZONTAL CROSS SECTION
Inswing Shown (Outswing Similar)
1X Buck Construction



3 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)
1X Buck Construction



2 HORIZONTAL CROSS SECTION
Inswing Shown (Outswing Similar)
1X Buck Construction



4 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)
1X Buck Construction

- NOTES:
- Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
 - Sidelite attached @ 3" from each end (2 screws total @ head).

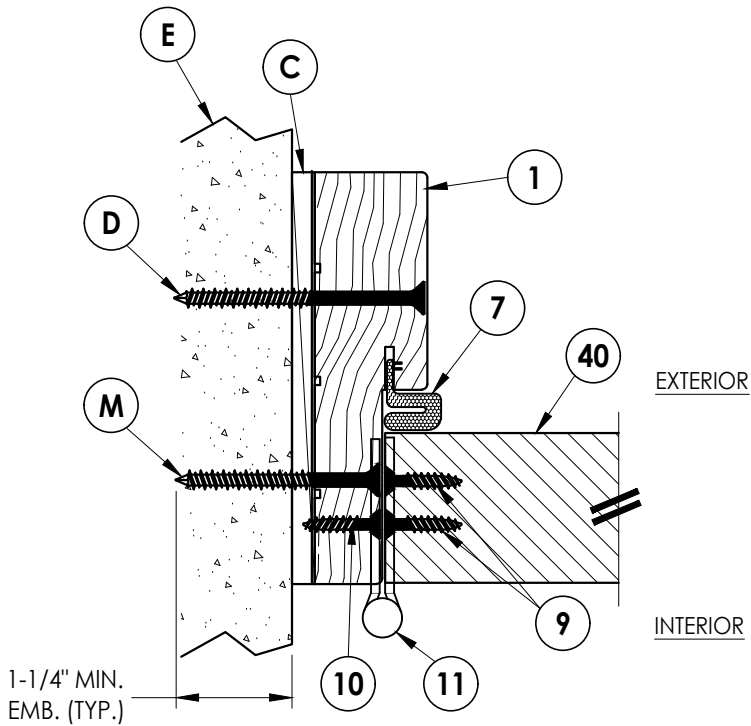
PRODUCT: DOORSCAPES FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
DATE: 1/21/19	SCALE: N.T.S.	DWG. BY: MT	CHK. BY: LFS
DRAWING NO.: FL-28831.2	SHEET 6 OF 13	REVISIONS	
NO.	DATE	BY	
3	2/22/24	ADD OUTSWING - NEW TESTING	LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS

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

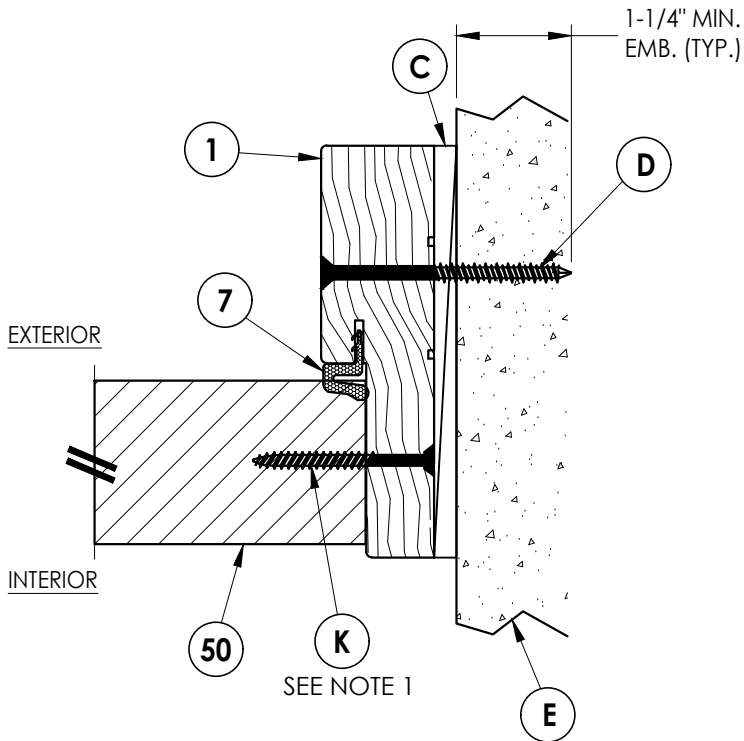
RW

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

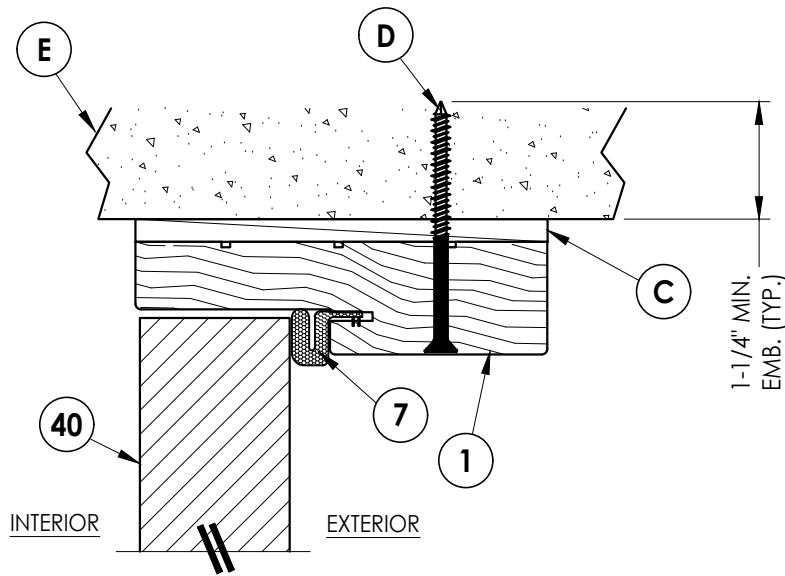
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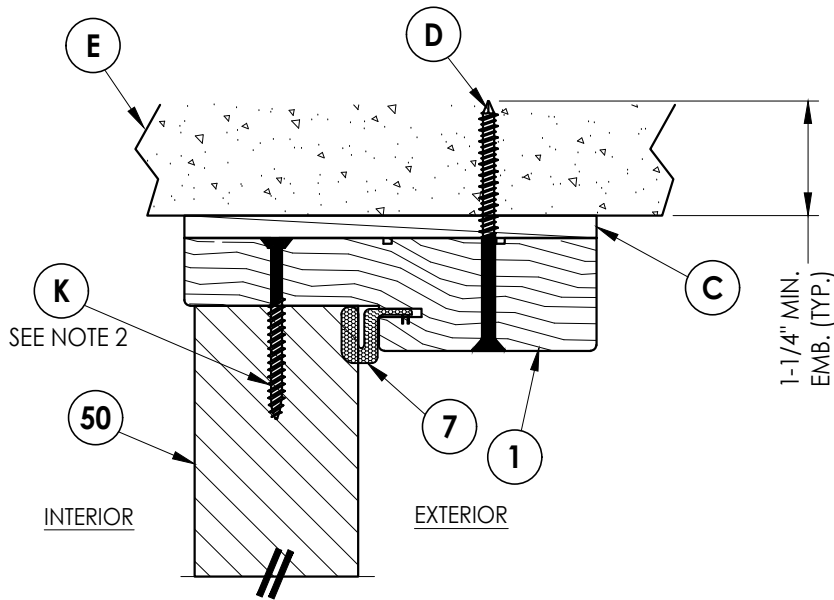
1 HORIZONTAL CROSS SECTION
Inswing Shown (Outswing Similar)
Shown Direct to Masonry



2 HORIZONTAL CROSS SECTION
Inswing Shown (Outswing Similar)
Shown Direct to Masonry



3 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)
Shown Direct to Masonry



4 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)
Shown Direct to Masonry

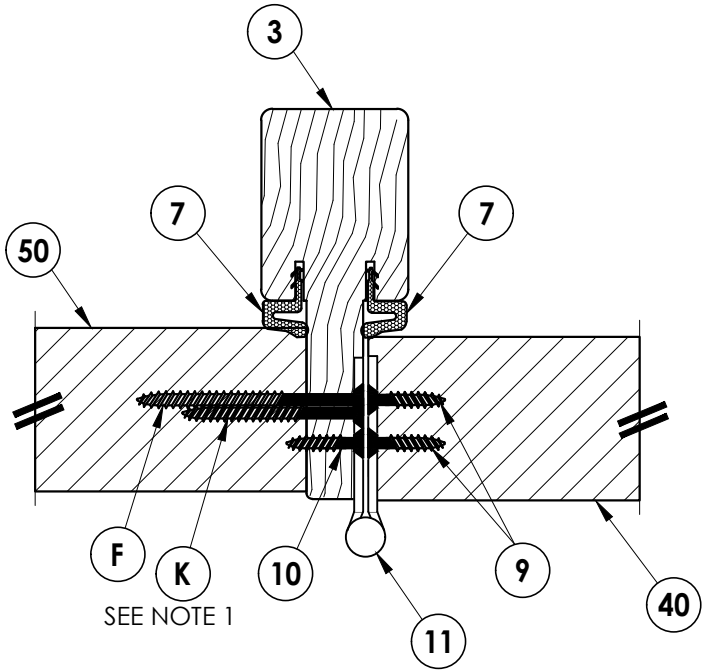
- NOTES:
1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
 2. Sidelite attached @ 3" from each end (2 screws total @ head).

PRODUCT:		PART OR ASSEMBLY:	
DOORSCAPES FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	BY	REVISIONS
3	2/22/24	LFS	ADD OUTSWING - NEW TESTING
2	8/01/23	LFS	UPDATE TO 8TH ED. (2023) FBC
1	8/06/20	LFS	UPDATE TO 7TH ED. (2020) FBC
DATE: 1/21/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28831.2			
SHEET 7 OF 13			

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

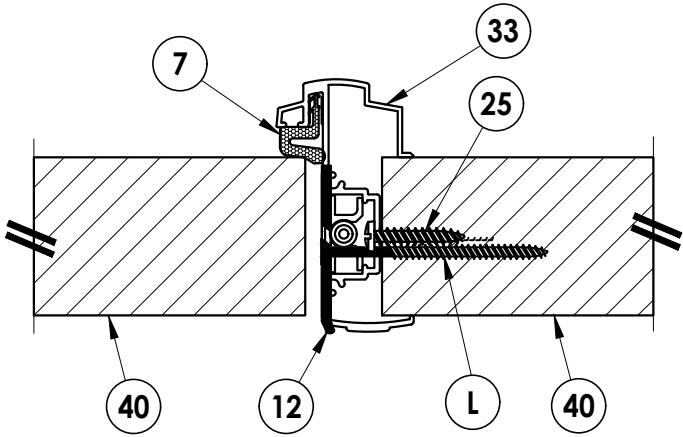
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1 HORIZONTAL CROSS SECTION
8 Inswing Shown (Outswing Similar)

EXTERIOR

INTERIOR



2 HORIZONTAL CROSS SECTION
8 Inswing Shown (Outswing Similar)

NOTE:

1. Sidelite attached w/ 1 screw equally spaced between each hinge (2 screws total per mullion).

DATE: 1/21/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28831.2

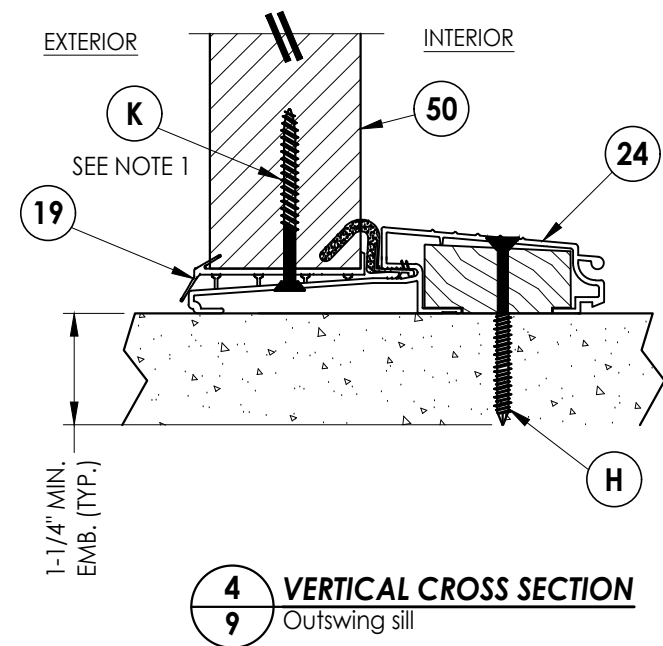
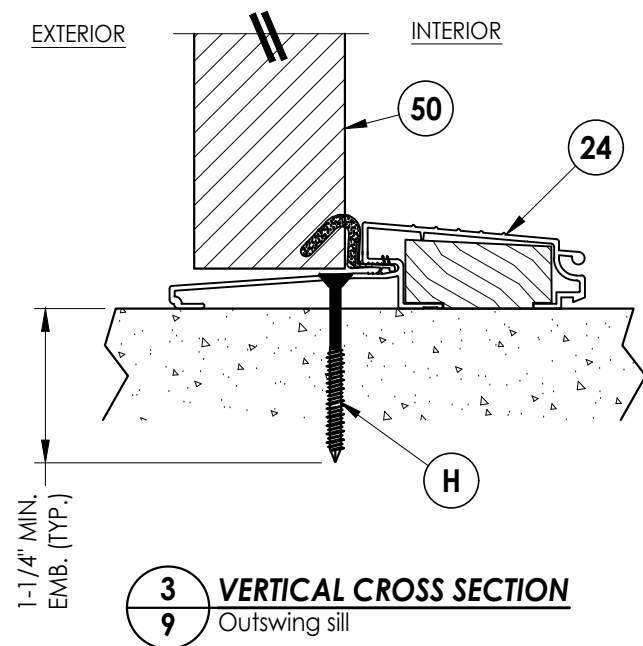
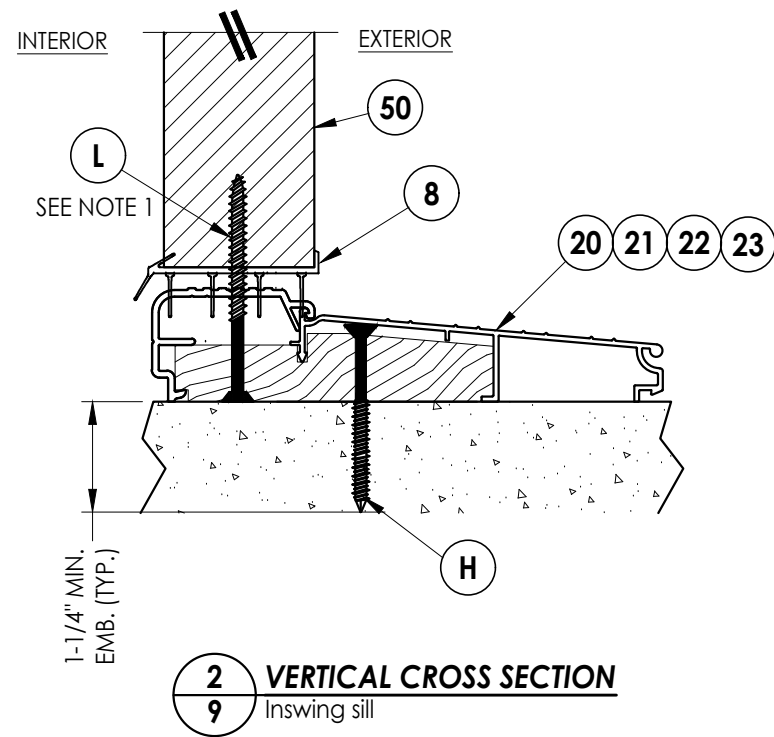
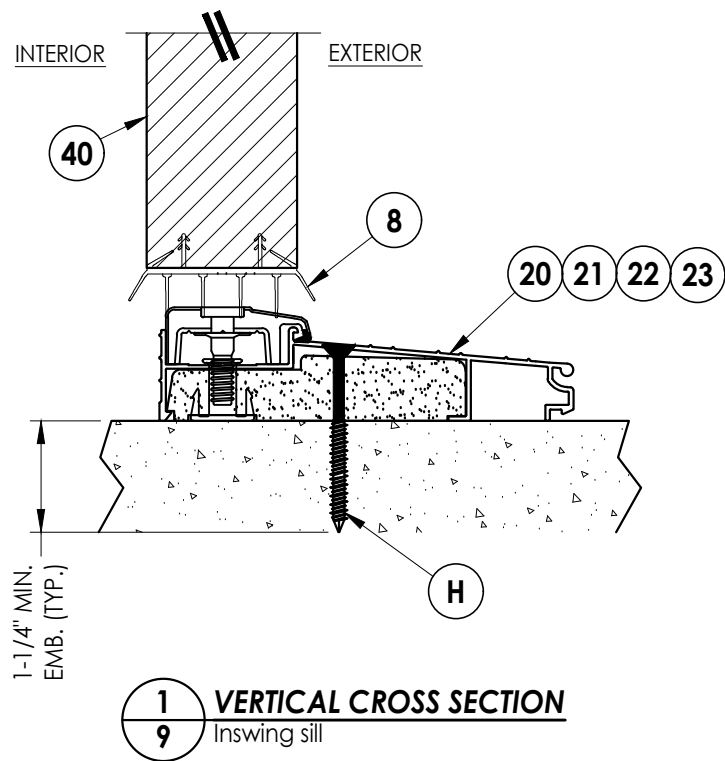
SHEET 8 OF 13

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

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



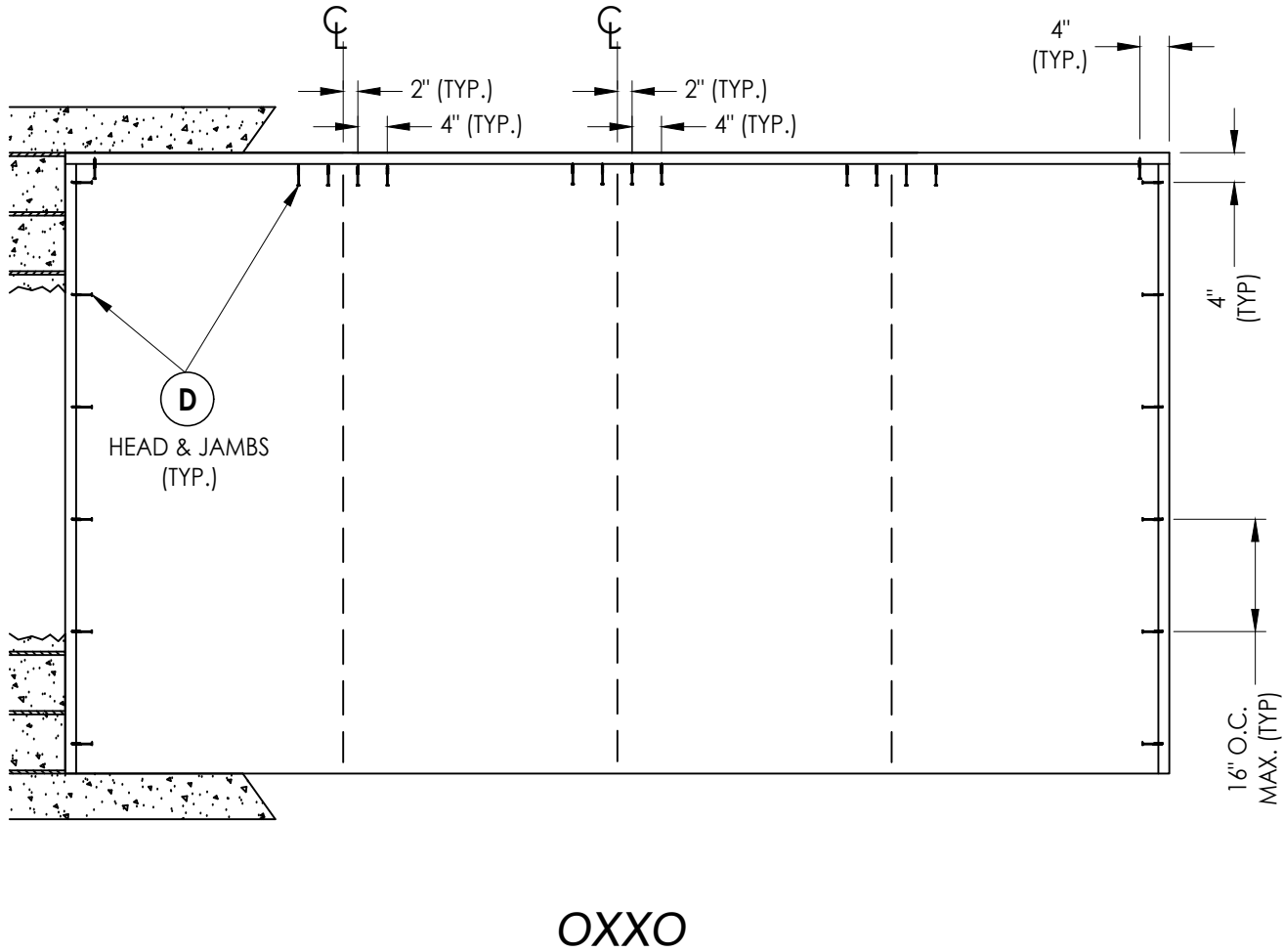
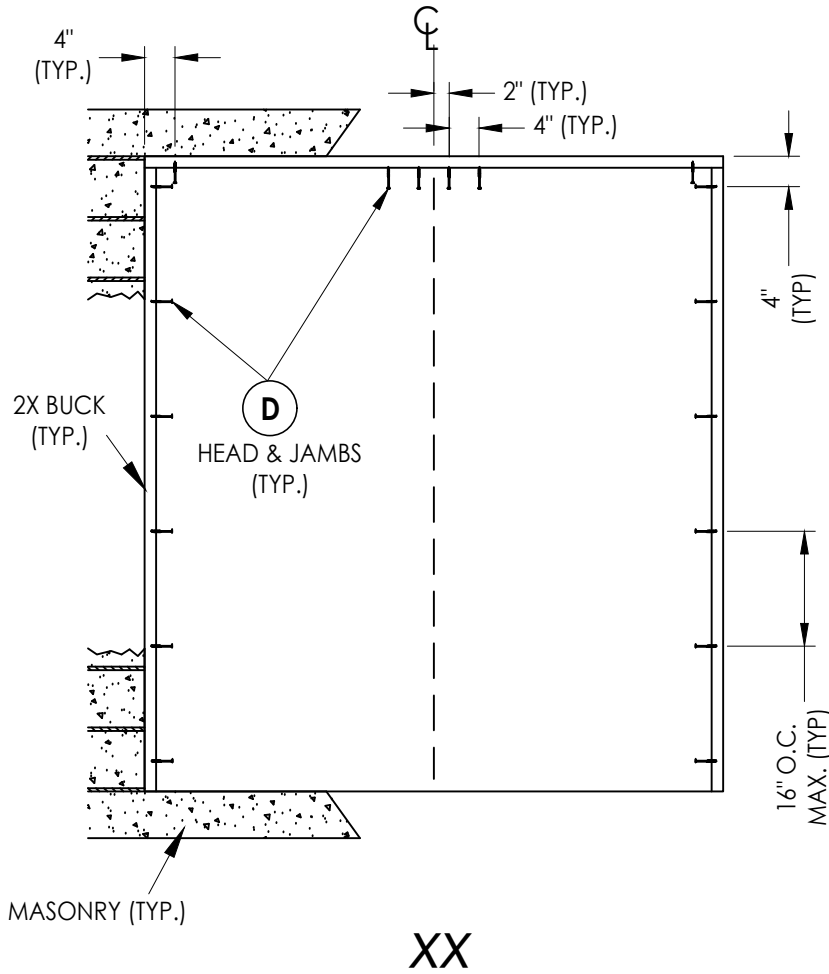
NOTE:

1. Sidelite attached @ 3" from each end (2 screws total @ sill).

[illegible]

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

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2X BUCK ANCHORING

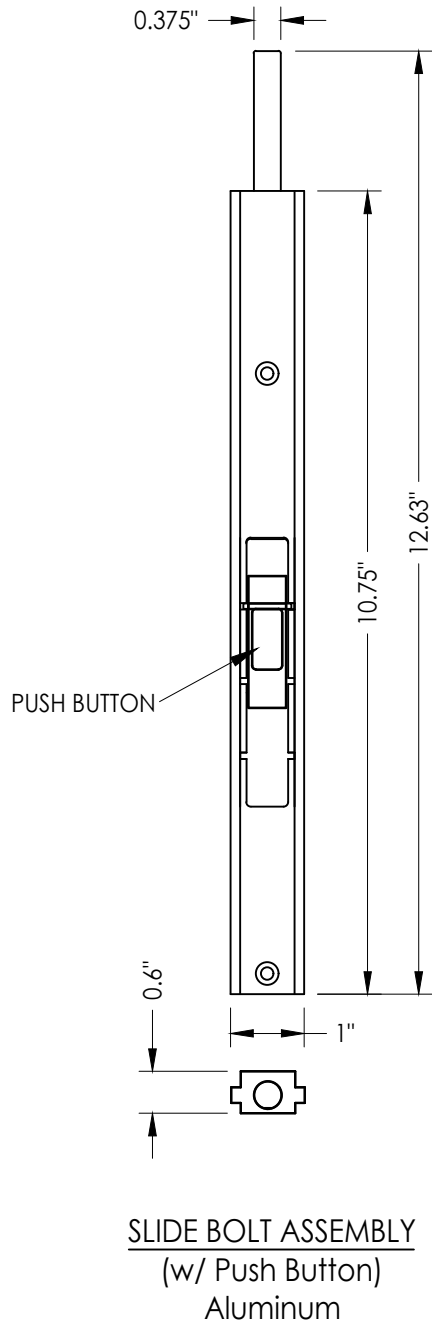
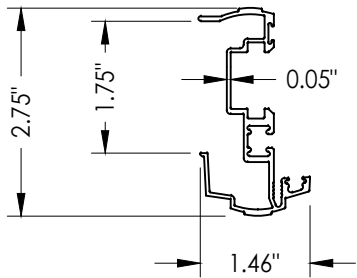
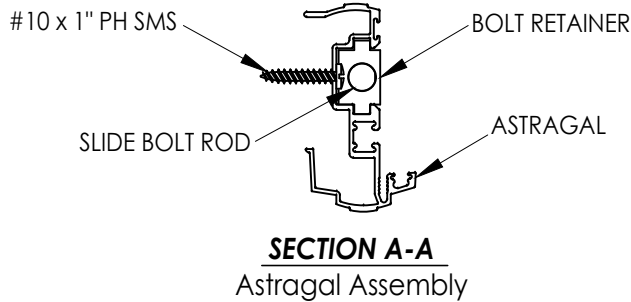
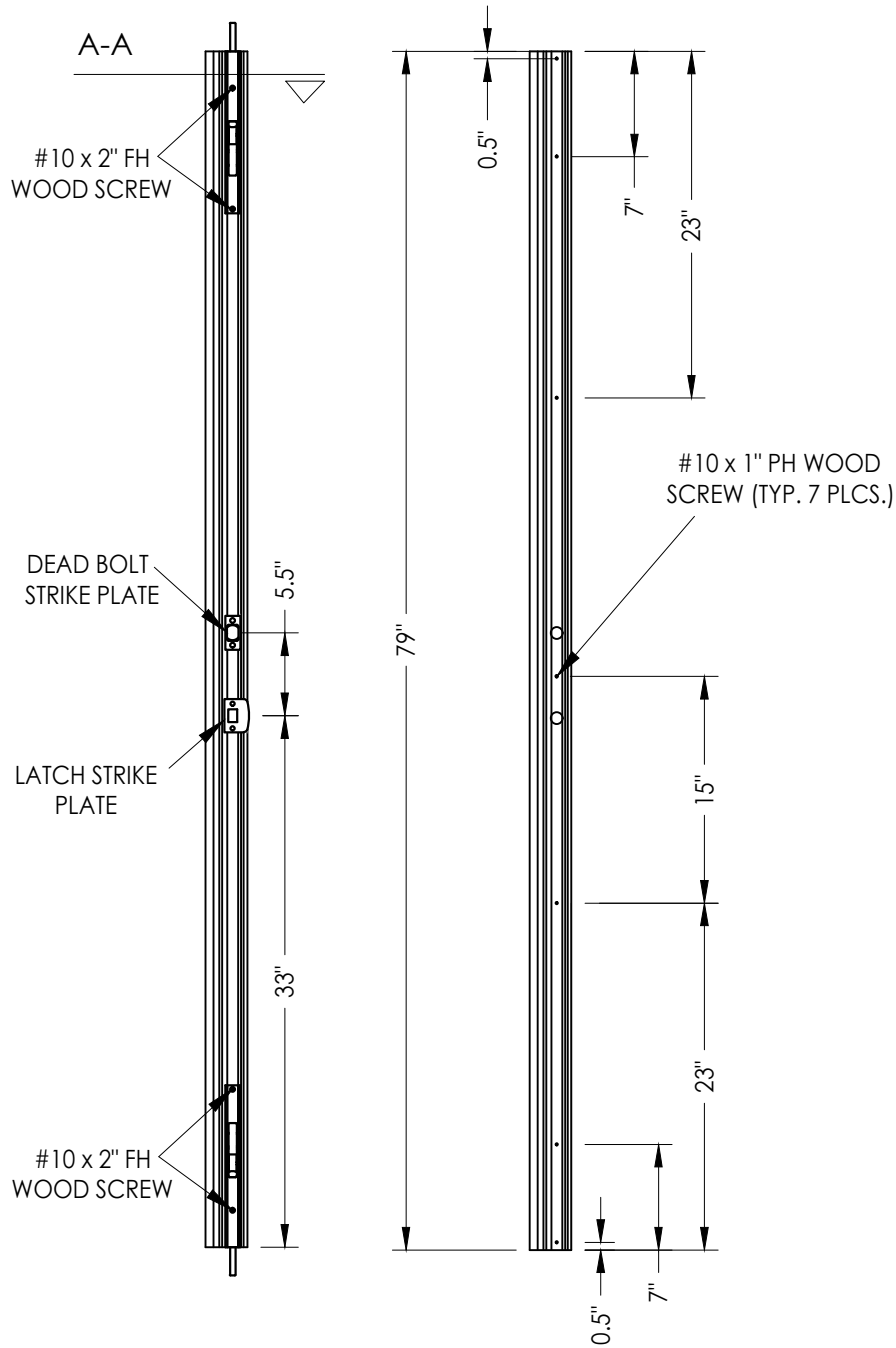
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SCALE: N.T.S.	
DWG. BY: MT	
CHK. BY: LFS	
DRAWING NO.: FL-28831.2	
SHEET 10	OF 13

NO.	DATE	REVISIONS
3	2/22/24	ADD OUTSWING - NEW TESTING
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC
		BY

PRODUCT:	DOORSCAPES FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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
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33 **HURRICANE "T" ASTRAGAL by AFCO**
Aluminum

DATE: 1/21/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28831.2

SHEET 12 OF 13

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

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

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 2-1/2" DRYWALL SCREW	STEEL
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
3	INTEGRAL MULLION (PINE, G >= 0.42)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	VINYL
9	#9 X 1" PFH WOOD SCREW	STEEL
10	#10 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
19	SIDELITE SWEEP	VINYL
20	INSWING THRESHOLD (AFCO A-125)	ALUM/WOOD
21	INSWING THRESHOLD (AFCO A-125)	ALUM/COMP
22	INSWING THRESHOLD (AFCO A-276)	ALUM/WOOD
23	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
24	OUTSWING THRESHOLD (AFCO A-117)	ALUM/WOOD
25	#10 X 1" PH SMS	STEEL
33	ALUMINUM ASTRAGAL (AFCO)	ALUM
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	-

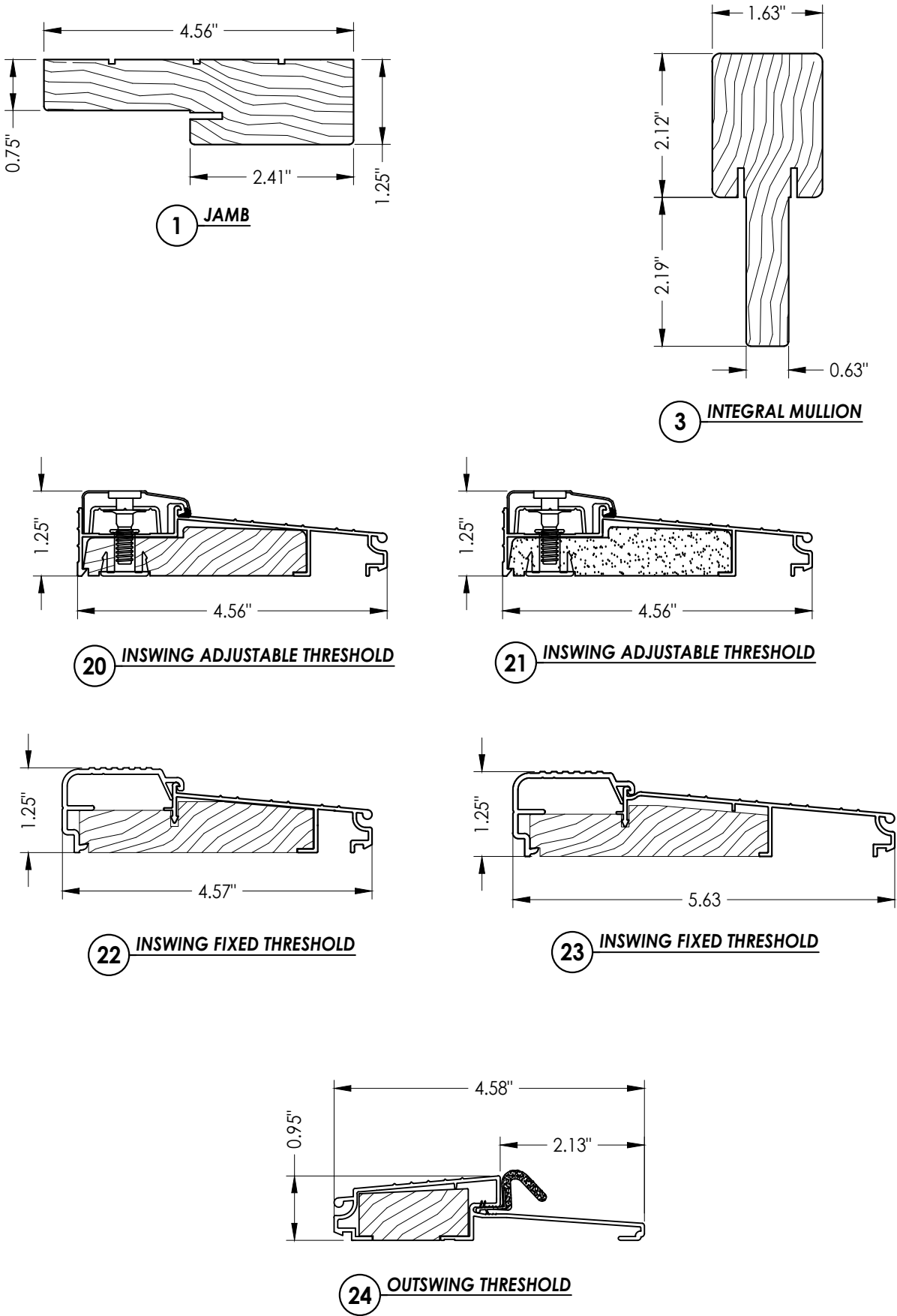
CONCRETE ANCHOR NOTES:

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.



PRODUCT:		DOORSCAPES FIBERGLASS DOOR		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE:		1/21/19		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
SCALE:		N.T.S.			
DWG. BY:		MT			
CHK. BY:		LFS			
DRAWING NO.:		FL-28831.2			
SHEET		13		OF	
				13	