



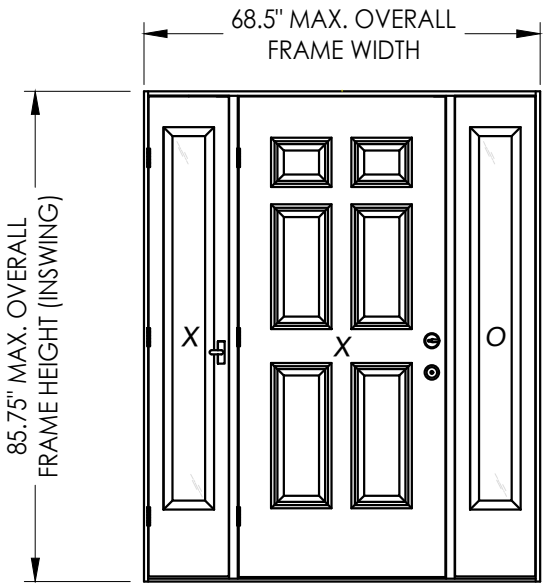
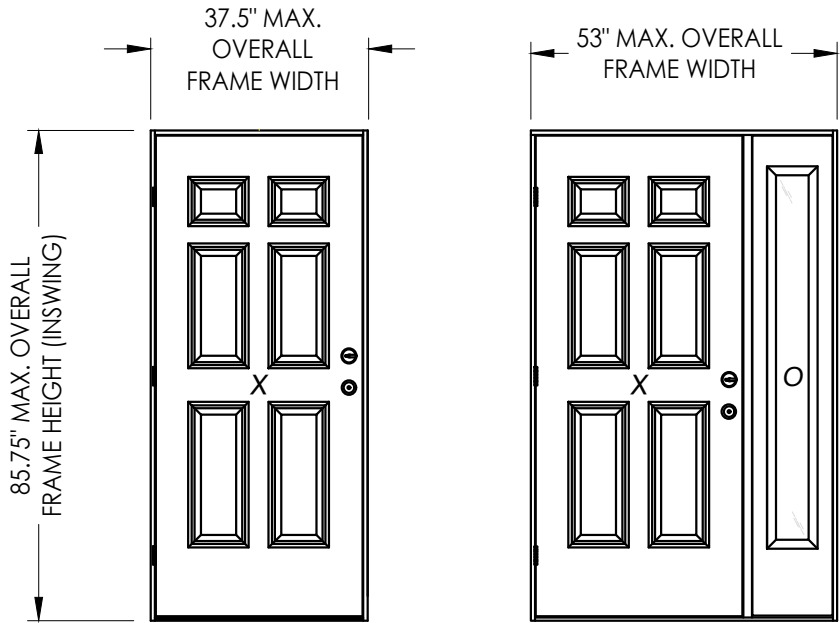
250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS SINGLE DOOR
w/ or w/out FIXED/VENTED SIDELITES
INSWING
"NON-IMPACT"

GENERAL NOTES

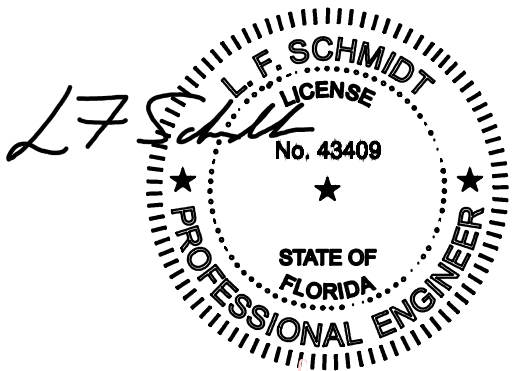
- 1. This product anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
- 2. Product anchors shall be as listed 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 Section 1609.1.2 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck Masonry)
6	Horizontal & Vertical Cross Sections (1X Buck Masonry)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal & Vertical Cross Sections
9	Buck Anchoring
10	Frame Anchoring & Hardware Details
11	Bill of Materials & Components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.5" x 85.75"	+60.0	-70.0
OX, XO, XX	53.0" x 85.75"	+60.0	-70.0
OXO, XXX	68.5" x 85.75"	+60.0	-70.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:00:26 -04'00'

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

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

WINCORE
FIBERGLASS DOOR

DATE: 6/03/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.1

SHEET 1 OF 11

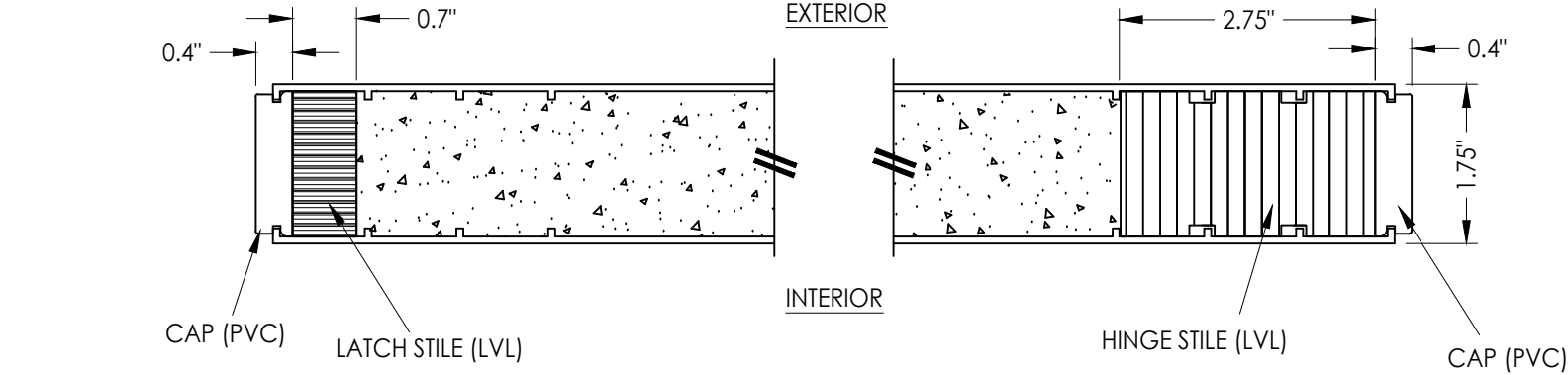
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

RW

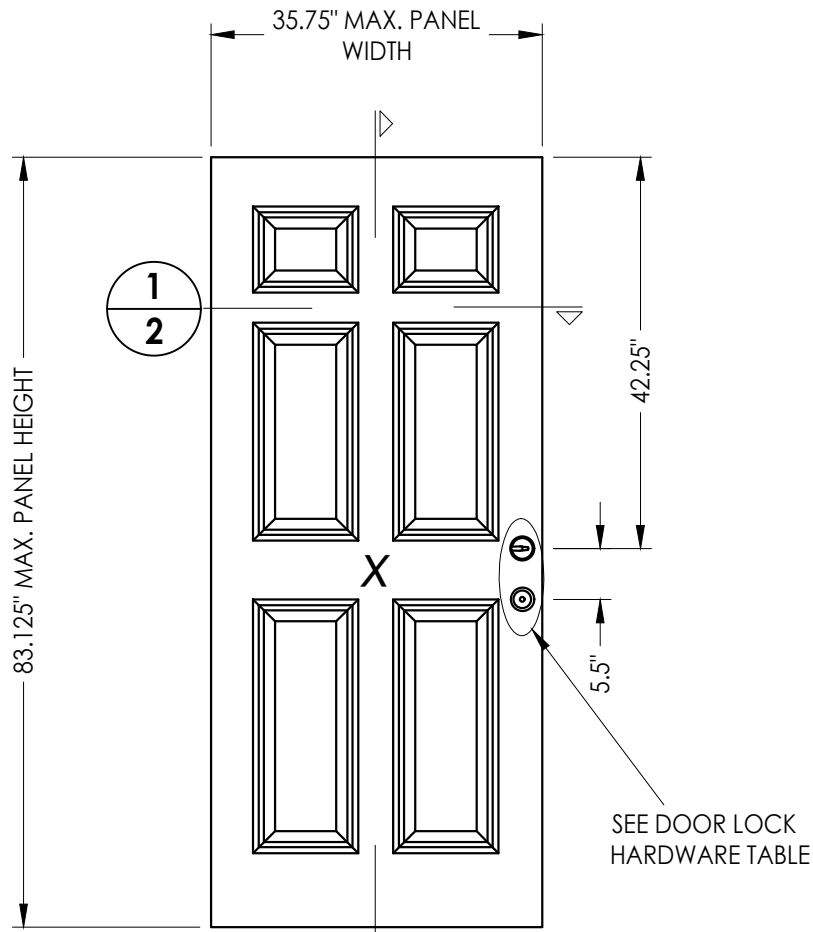
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

Z:\2023 FBC Drawings\Wincore Window Company\FL-30006 R2\FL-30006.1-2.dwg



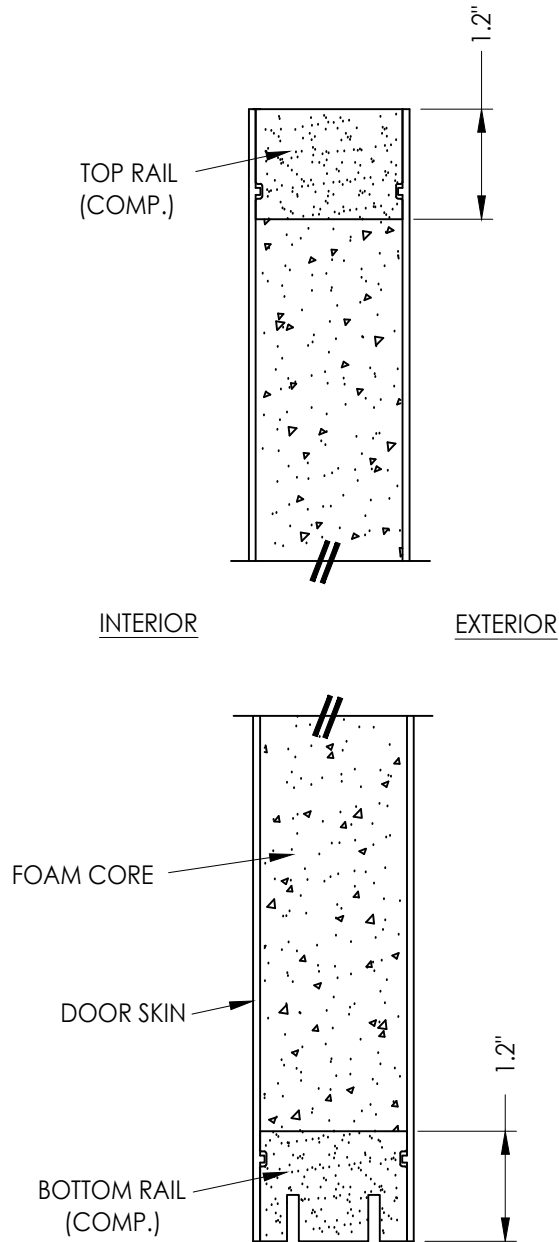
1
2 **HORIZONTAL CROSS SECTION**



2
2
40 DOOR PANEL
Plastpro Fiberglass

DOOR SKIN: FIBERGLASS SKIN (0.075" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

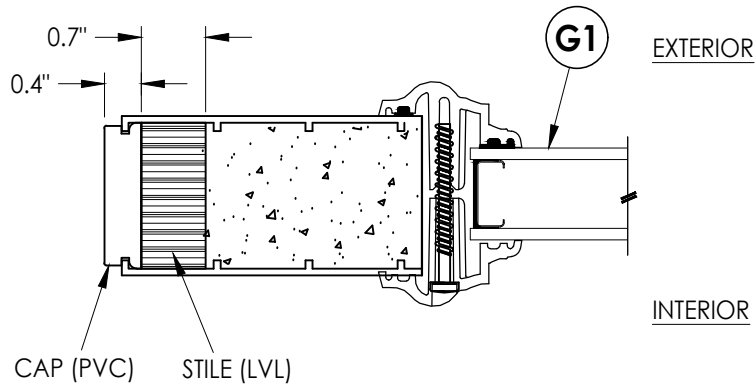
DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	Knob:	F-SERIES
	Deadbolt:	B-SERIES



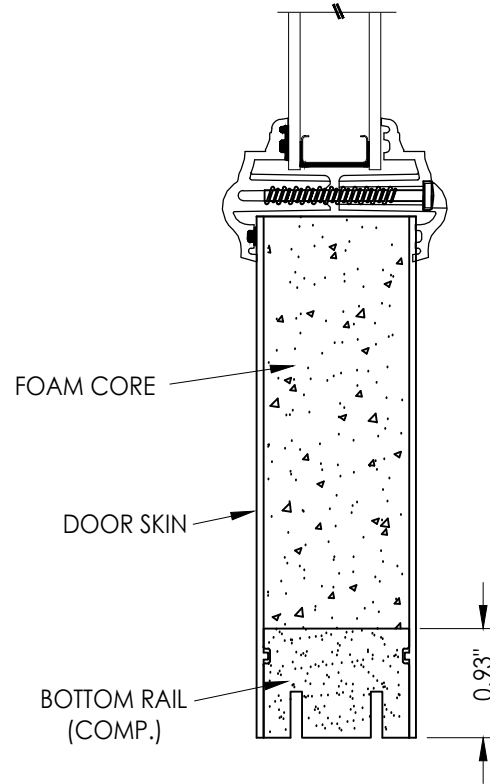
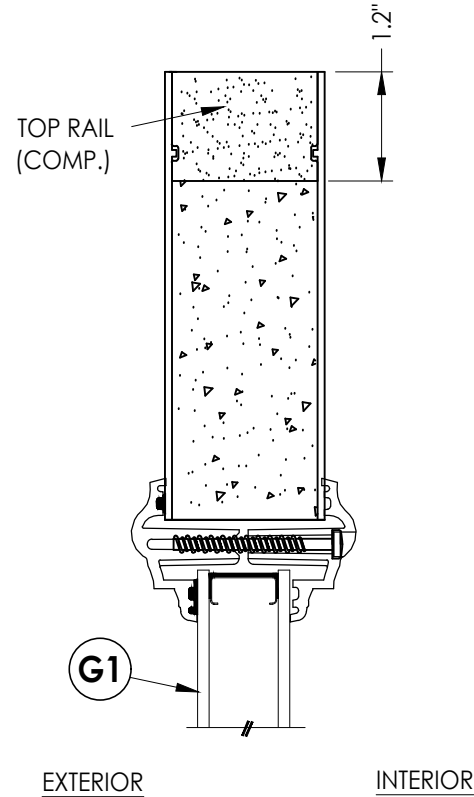
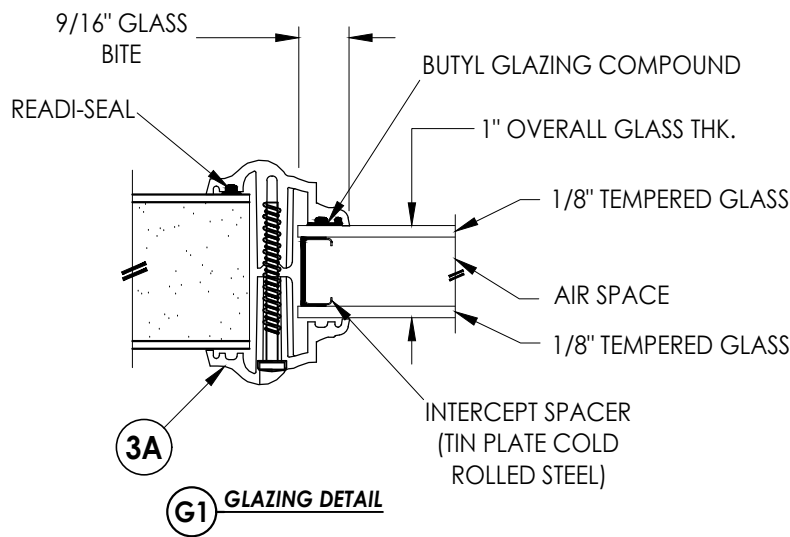
2
2 **VERTICAL CROSS SECTION**

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 License No. 9813			
PRODUCT: WINCORE FIBERGLASS DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
				LFS			
				DAC			
				BY			
				REVISIONS			
				2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
				1	8/20/20	UPDATE TO 7th ED. (2020)	FBC
				NO.	DATE		
DATE: 6/03/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.1							
SHEET 2 OF 11							

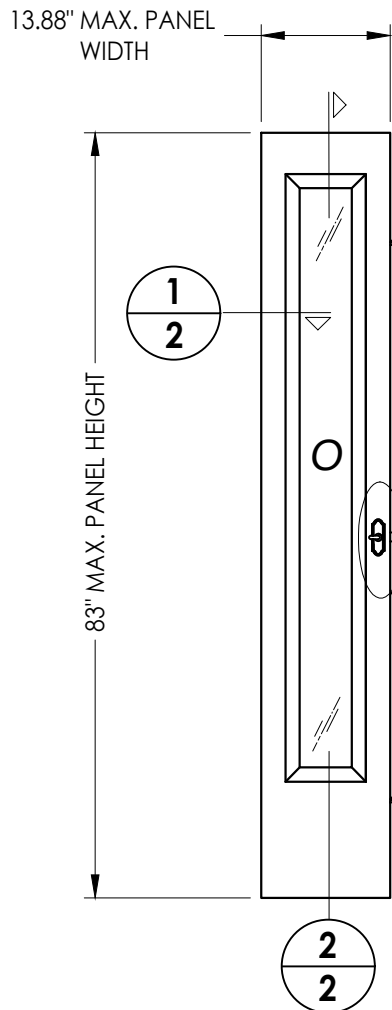
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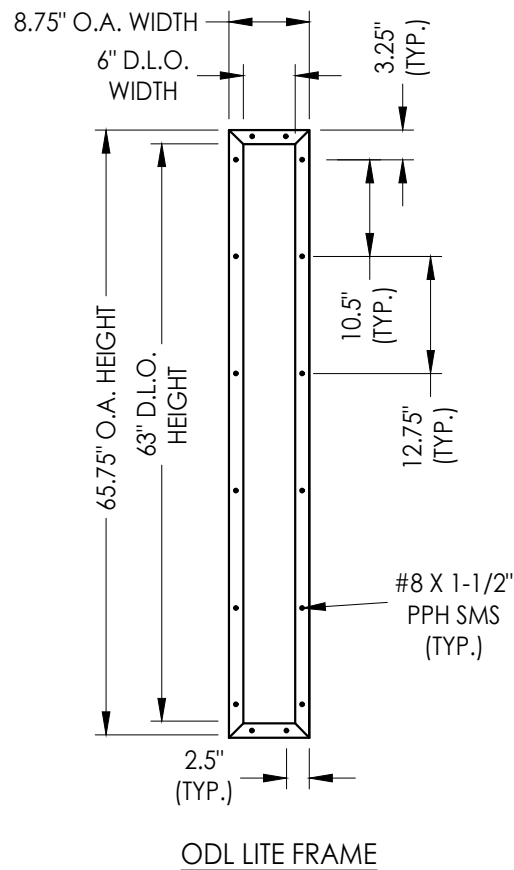
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3 **HORIZONTAL CROSS SECTION**



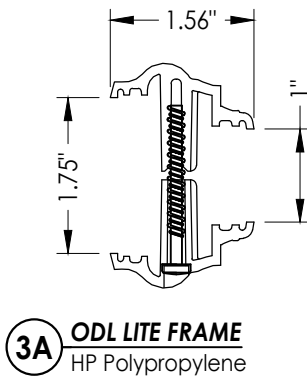
2
3 **VERTICAL CROSS SECTION**



50 **SIDELITE PANEL (FIXED/VENTED)**
Plastpro Fiberglass



ODL LITE FRAME



3A **ODL LITE FRAME**
HP Polypropylene

SIDELITE LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
TRILENNIUM	SIDELITE MULTI-POINT LOCK (3pt. Tongue)

DOOR SKIN: FIBERGLASS SKIN (0.075" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

Documents Prepared By:
Lyndon F. Schmidt
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RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS

NO.	DATE	REVISIONS
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1	8/20/20	UPDATE TO 7th ED. (2020) FBC

DATE: 6/03/19

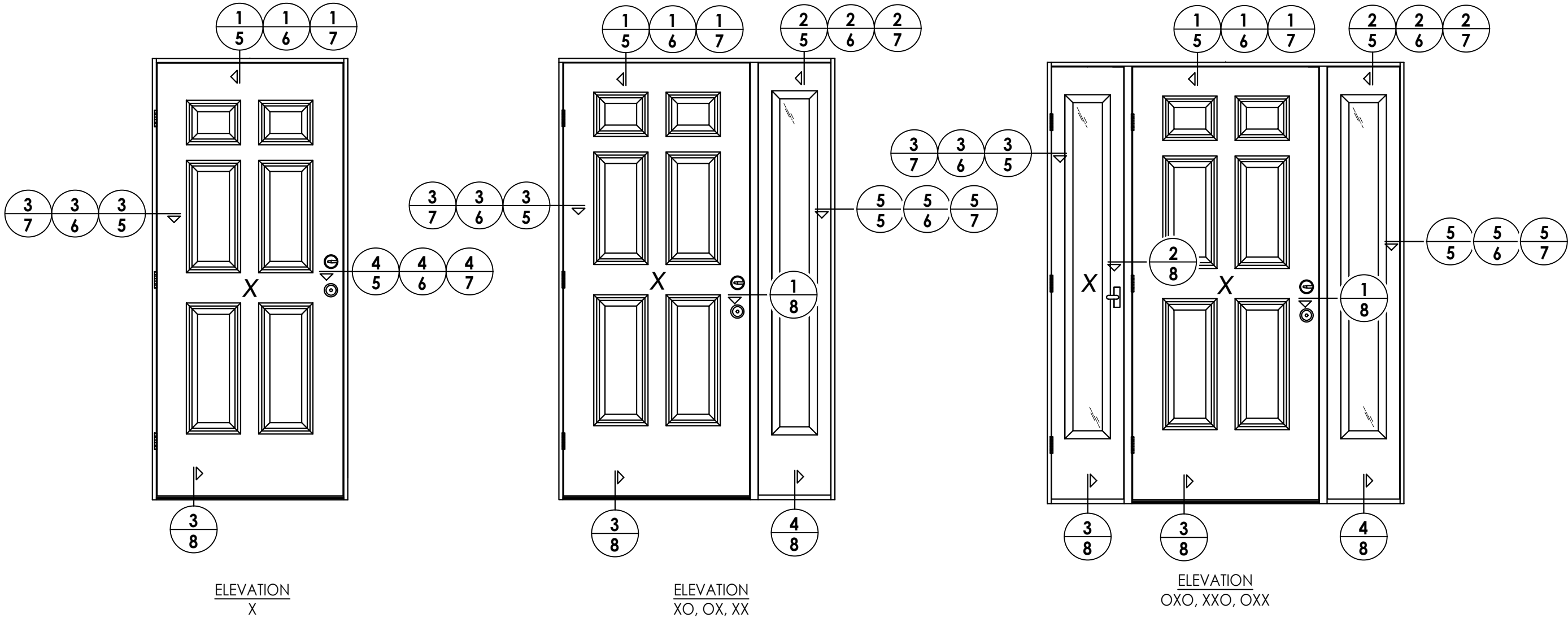
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DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.1

SHEET 3 OF 11



DATE: 6/03/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.1
SHEET 4 OF 11

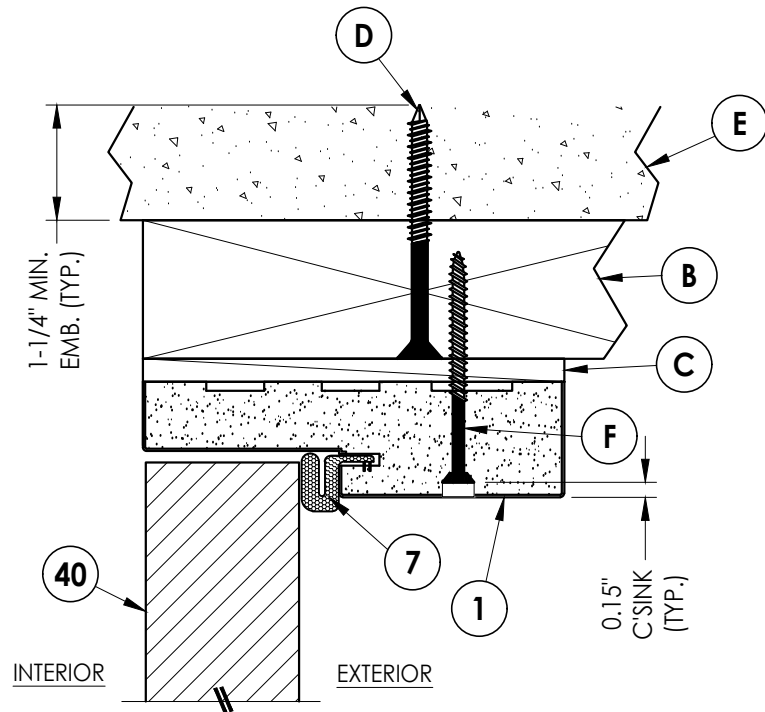
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		DATE	BY	DESCRIPTION
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC

PRODUCT:	WINCORE FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

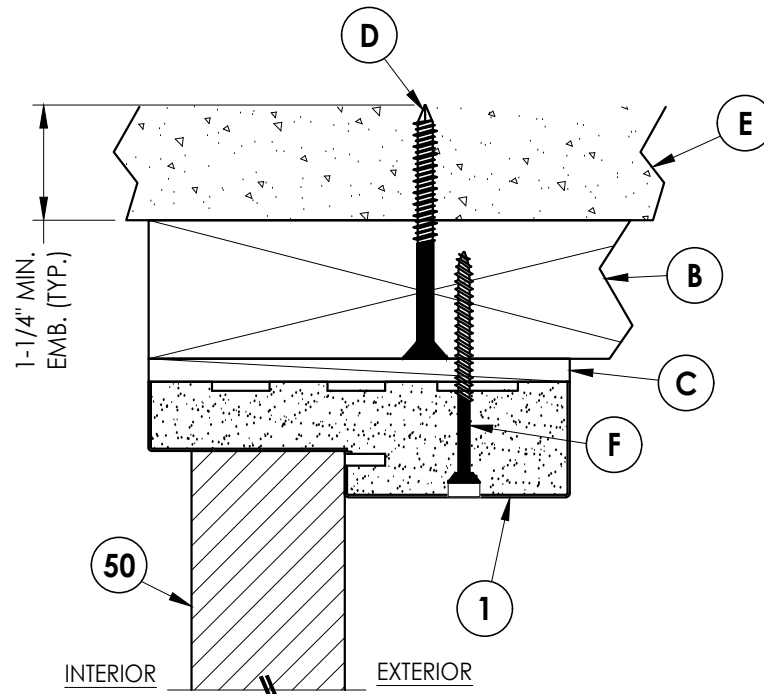
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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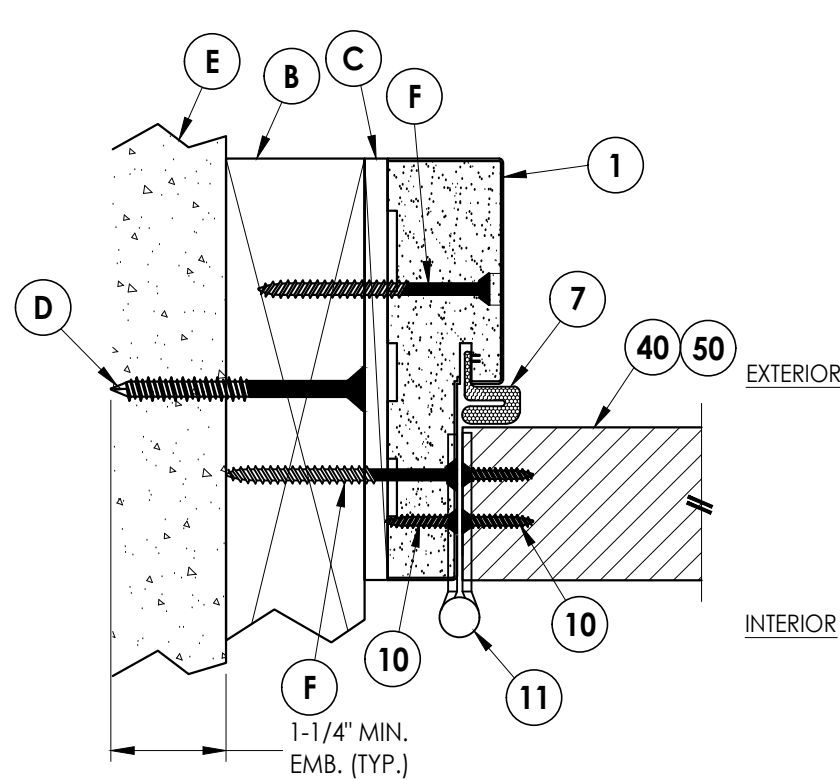
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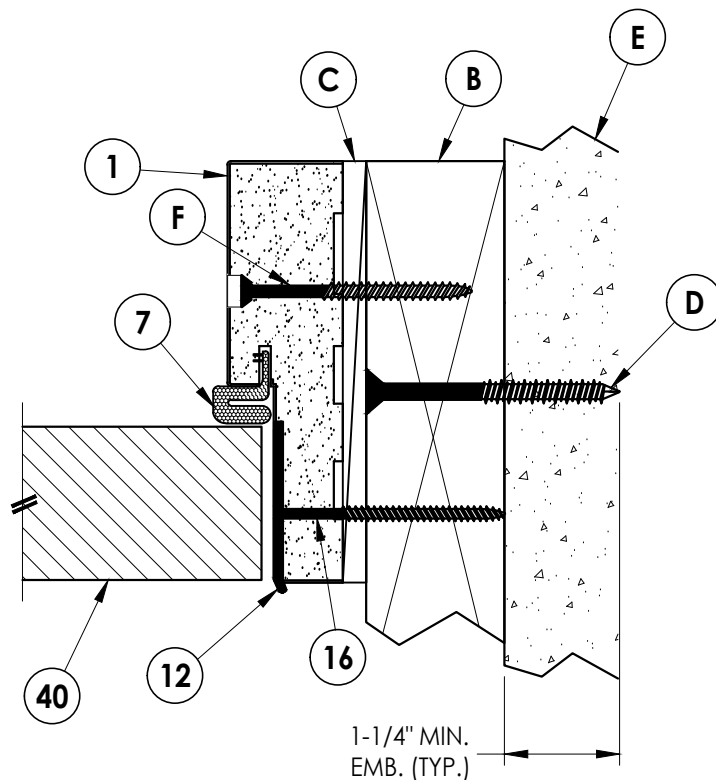
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5 **VERTICAL CROSS SECTION**
Inswing shown
2X Buck Construction



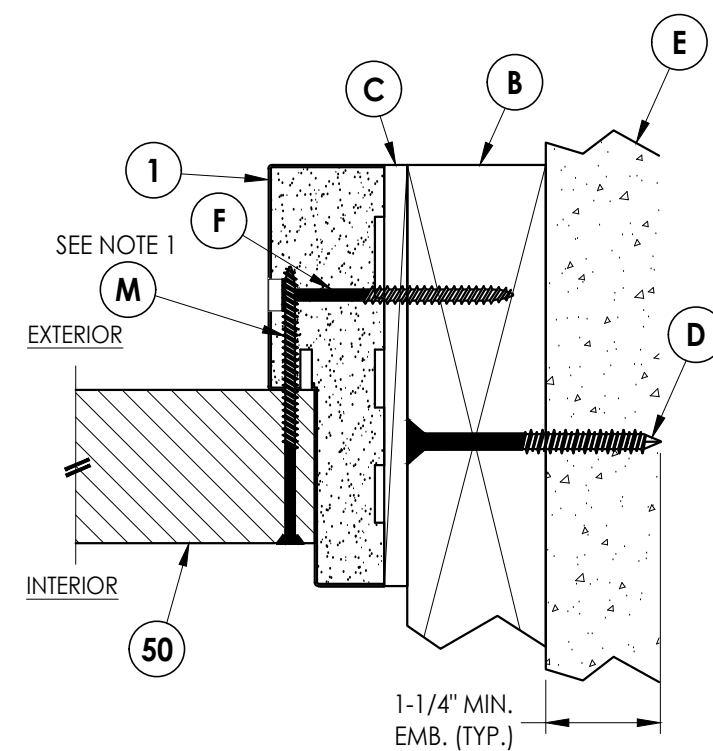
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5 **VERTICAL CROSS SECTION**
Inswing shown
2X Buck Construction



3
5 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction



4
5 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction



5
5 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction

NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

Documents Prepared By:
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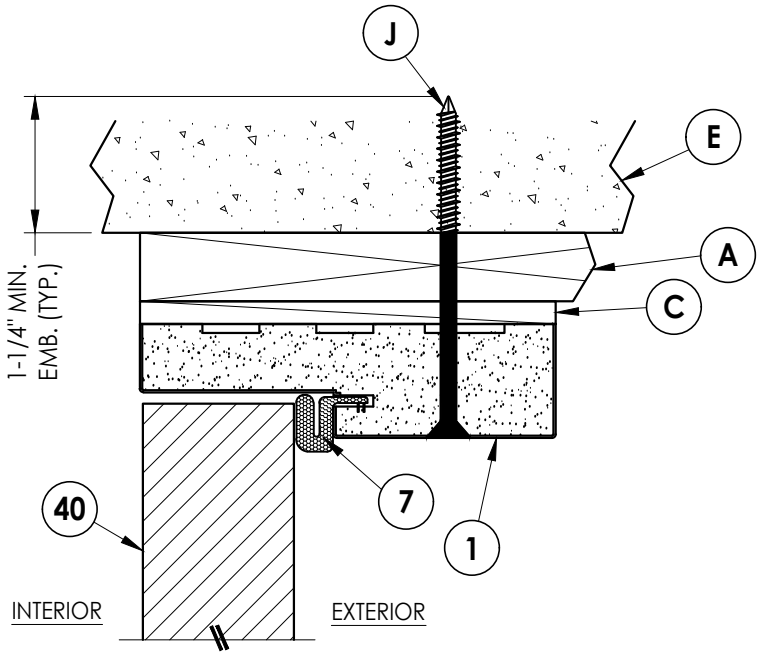
PRODUCT: WINCORE
FIBERGLASS DOOR

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

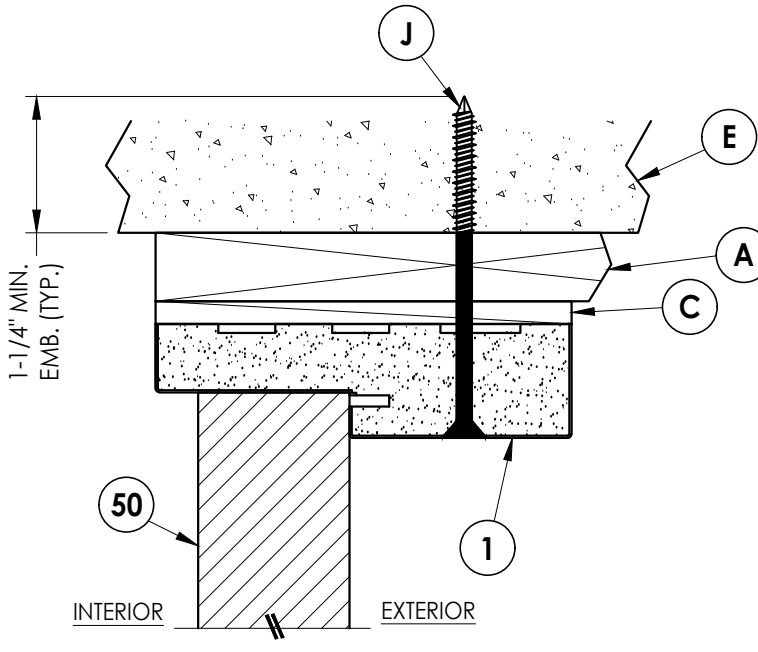
NO.	DATE	REVISIONS	BY
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC	DAC

DATE: 6/03/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.1
SHEET 5 OF 11

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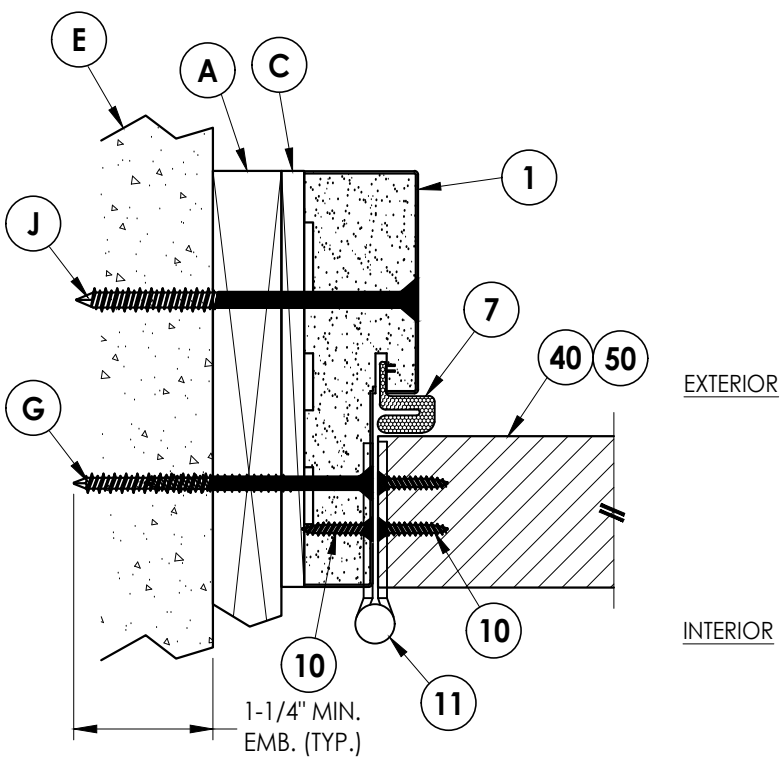


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6 **VERTICAL CROSS SECTION**
Inswing shown
1X Buck Construction

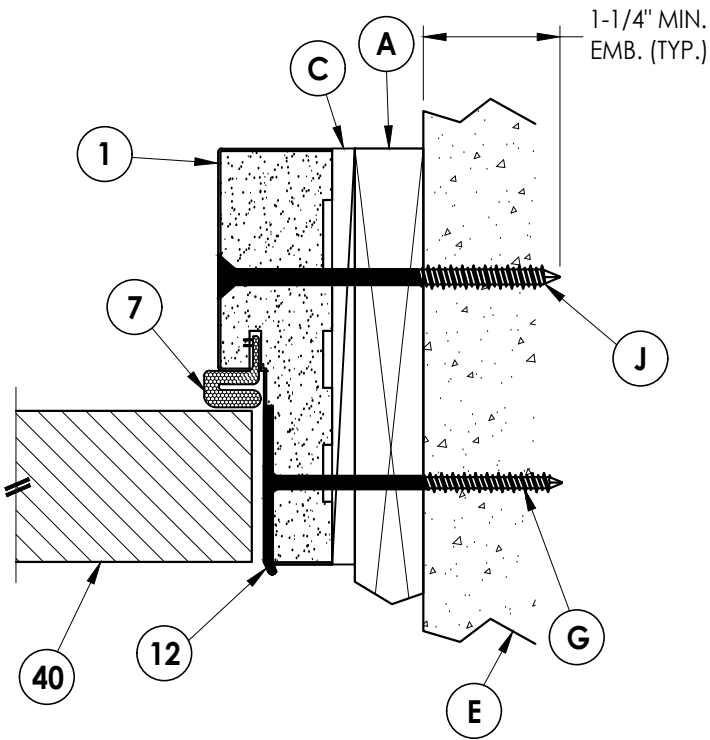


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6 **VERTICAL CROSS SECTION**
Inswing shown
1X Buck Construction

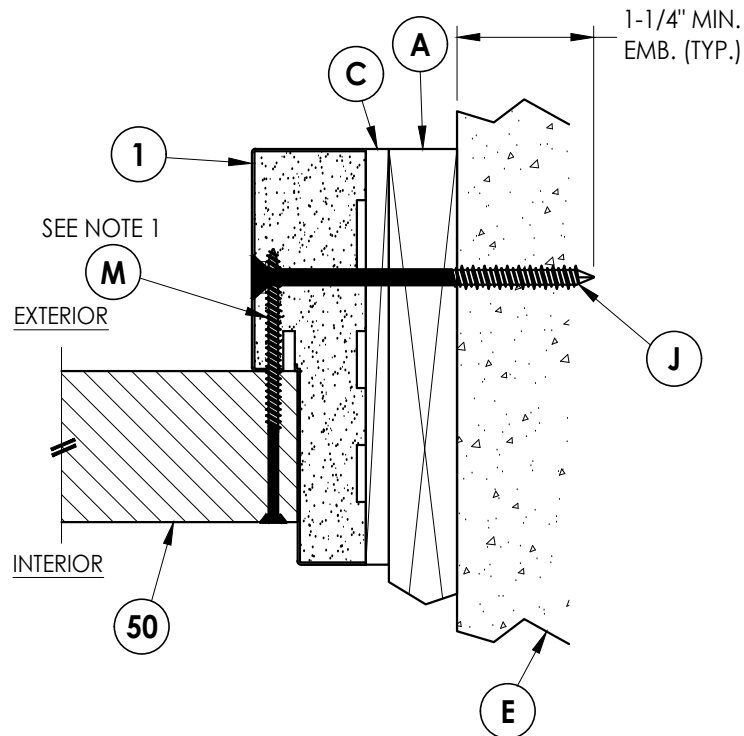
NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.



3
6 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction



4
6 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction



5
6 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction

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 License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (1X BUCK MASONRY)

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC

DATE: 6/03/19

SCALE: N.T.S.

DWG. BY: RW

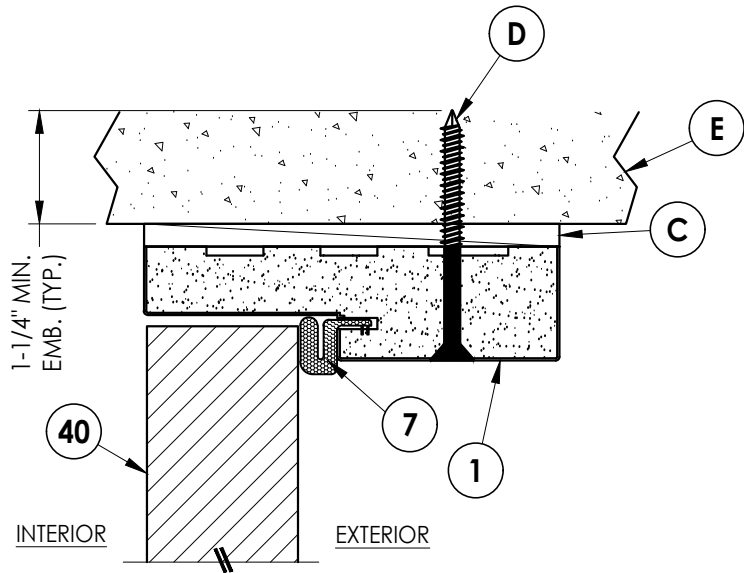
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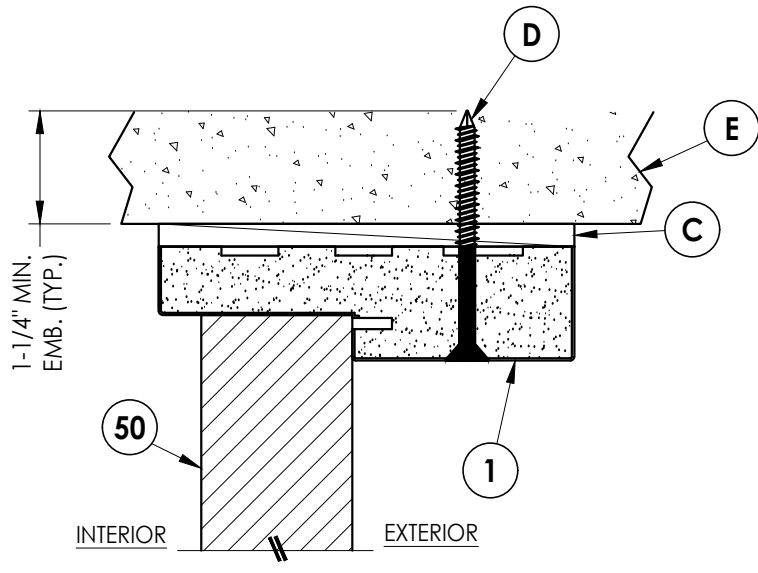
FL-30006.1

SHEET 6 OF 11

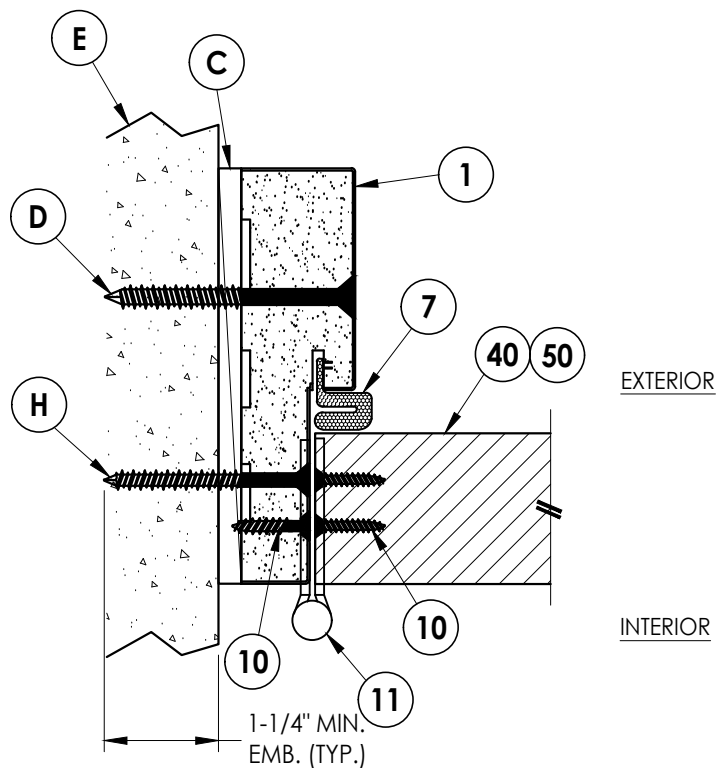
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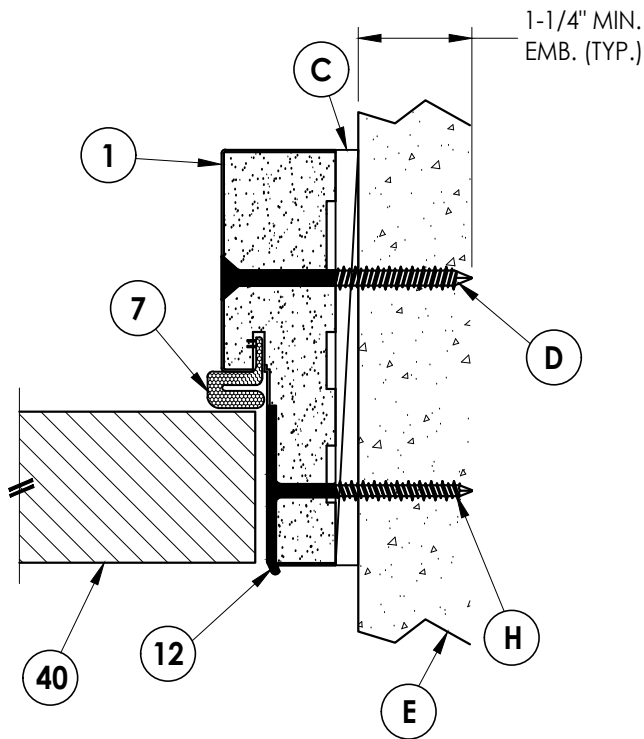
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7 **VERTICAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



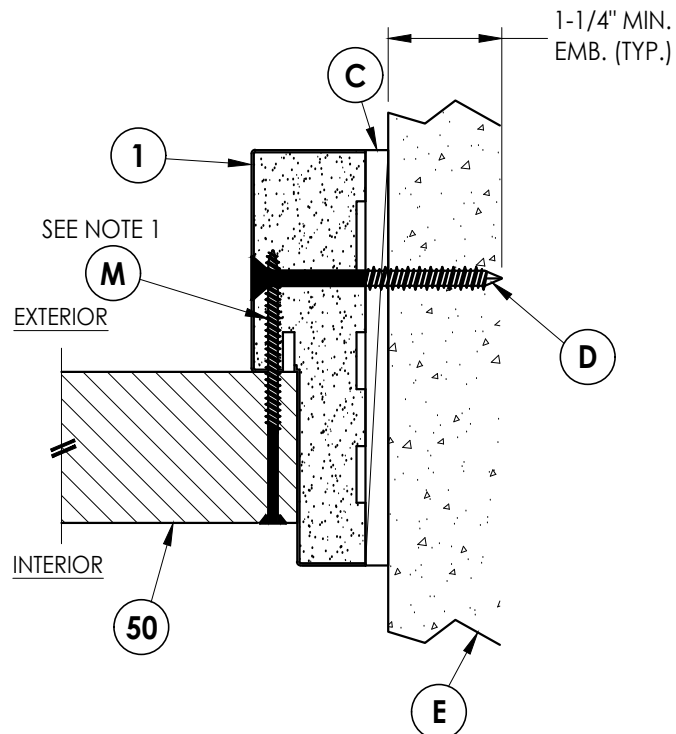
2
7 **VERTICAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



3
7 **HORIZONTAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



4
7 **HORIZONTAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



5
7 **HORIZONTAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction

NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

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 License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC
1	DATE	BY

DATE: 6/03/19

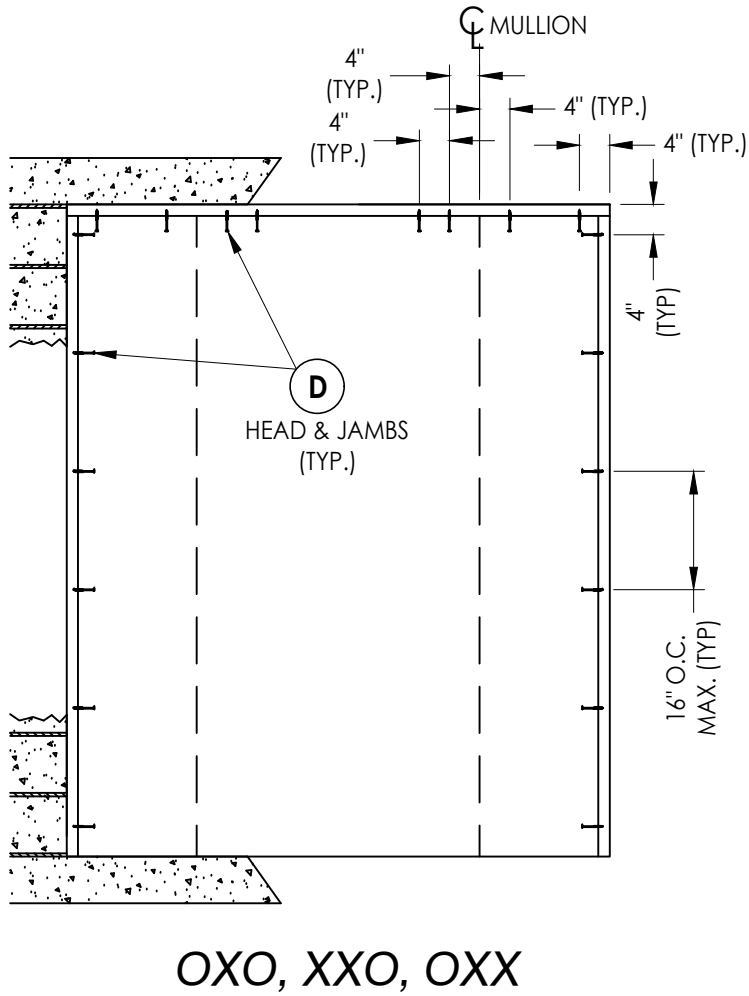
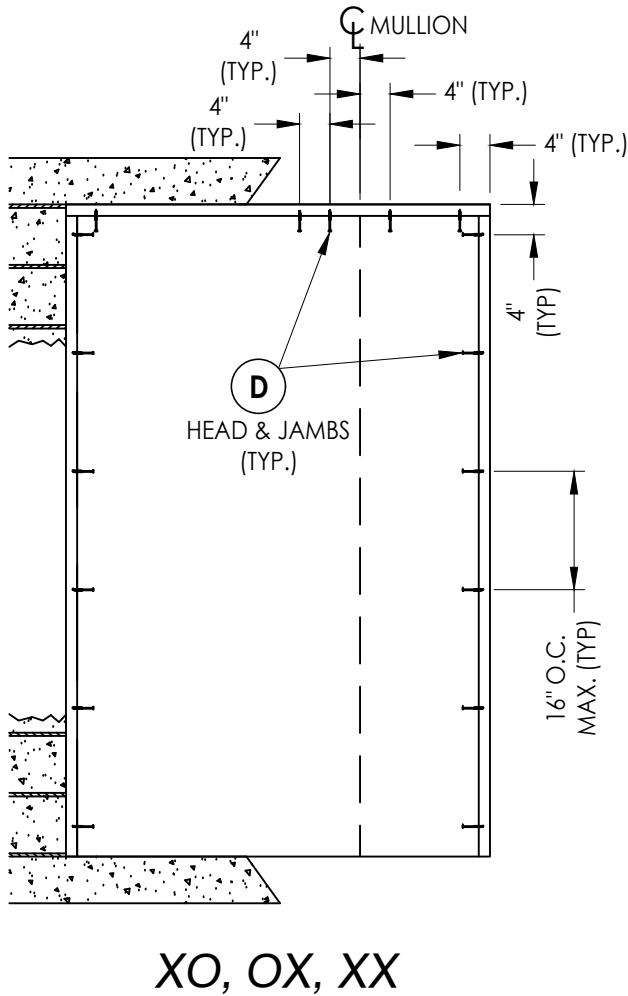
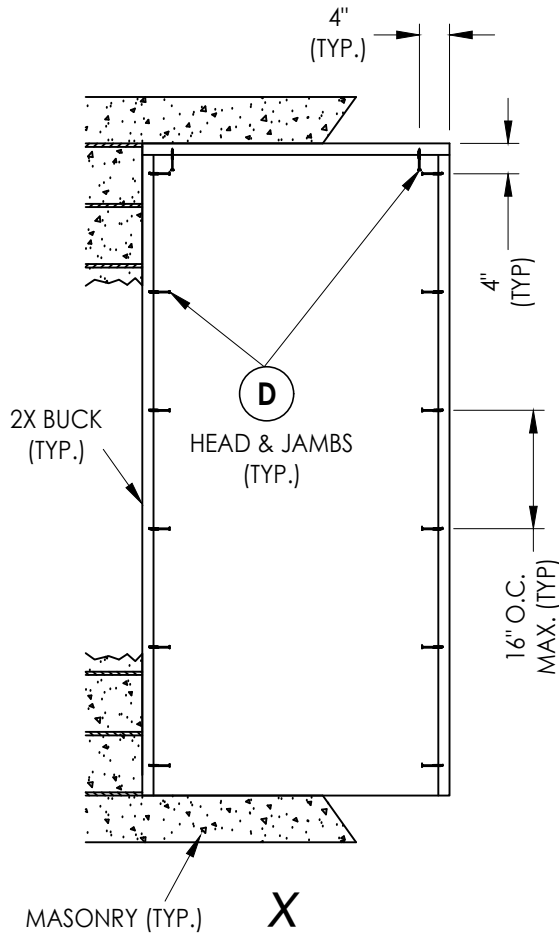
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.1

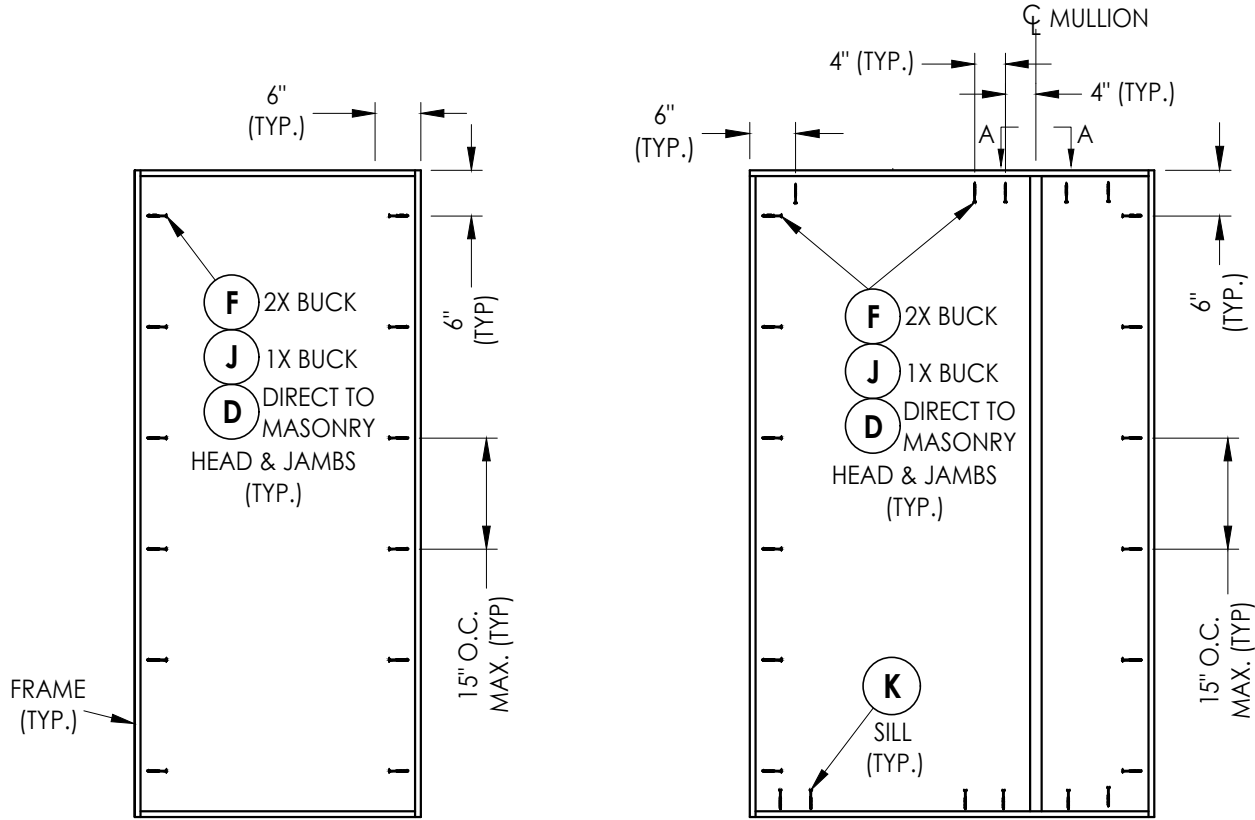
SHEET 7 OF 11



2X BUCK ANCHORING

DATE: 6/03/19		PRODUCT: WINCORE FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: BUCK ANCHORING		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DWG. BY: RW		LFS			
CHK. BY: LFS		DAC			
DRAWING NO.: FL-30006.1		BY			
SHEET 9 OF 11					
		NO. DATE		REVISIONS	
		2 7/06/23		UPDATE TO 8TH ED. (2023) FBC	
		1 8/20/20		UPDATE TO 7th ED. (2020) FBC	

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X

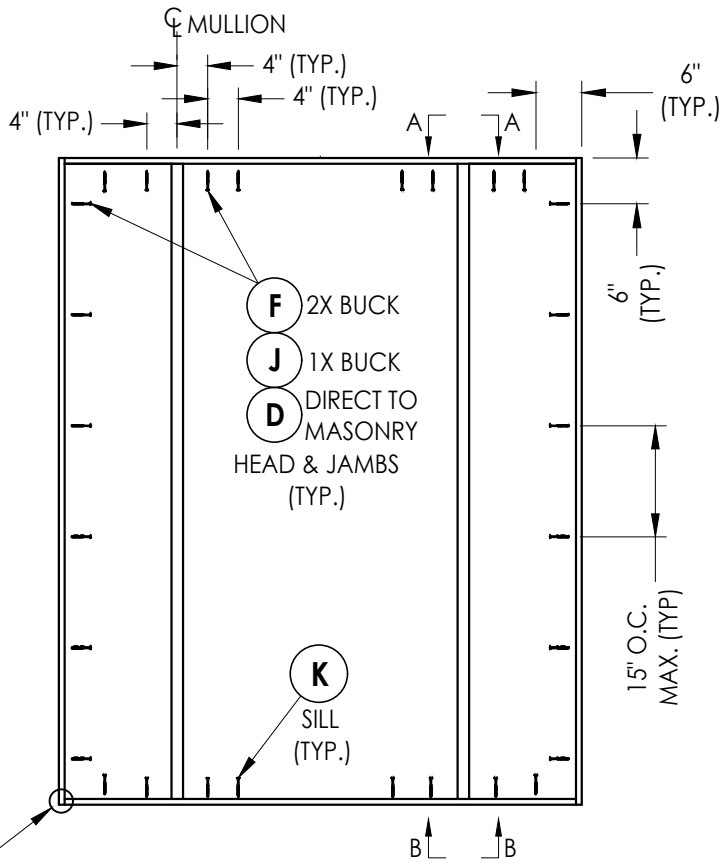
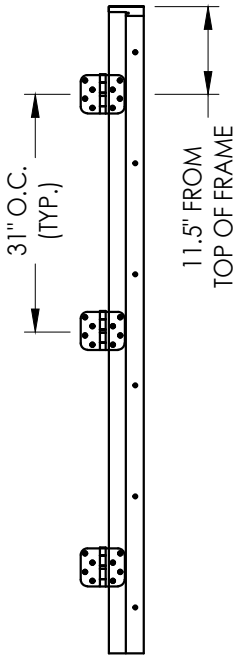
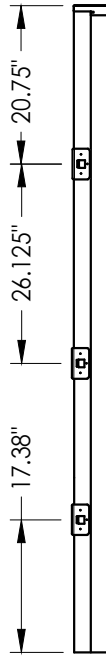
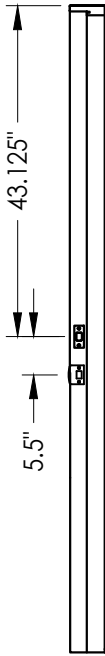
FRAME ANCHORING

OX / XO / XX

STRIKE JAMB/MULLION
LATCH & DEADBOLT

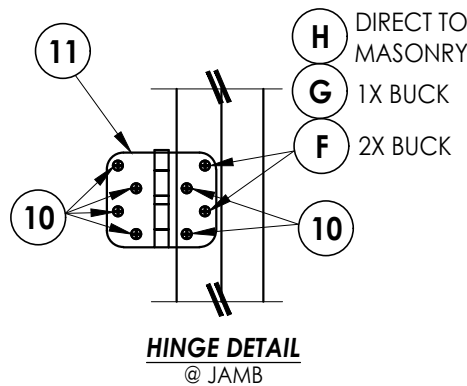
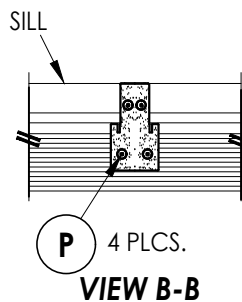
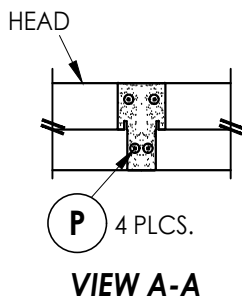
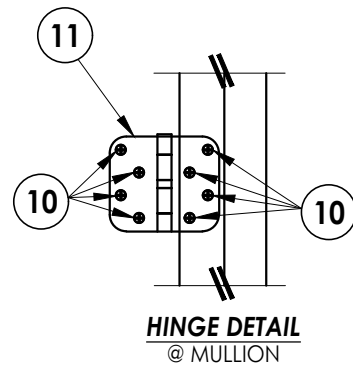
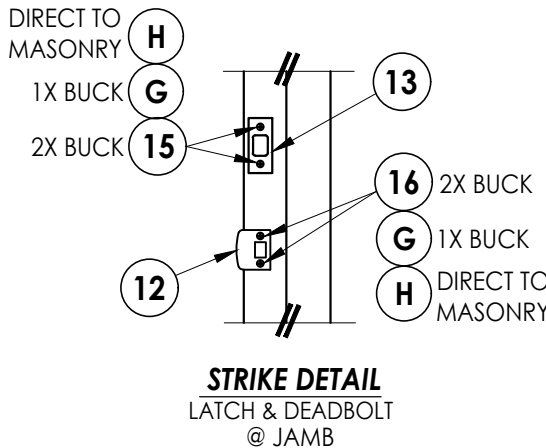
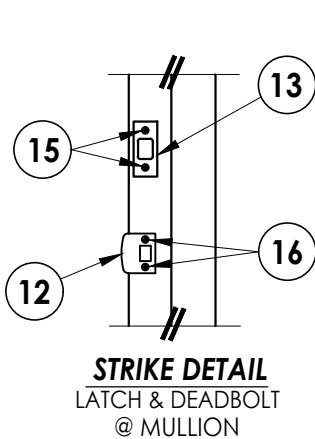
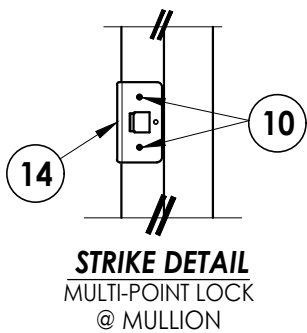
STRIKE MULLION
MULTI-POINT LOCK
(Vented Sidelite)

HINGE JAMB



ATTACH HEAD/SILL TO JAMB w/ (3)
#8 X 2" DRYWALL SCREWS (TYP.)

OXO / XXO / OXX



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 License No. 9813

PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC
NO.	DATE	BY

DATE: 6/03/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.1

SHEET 10 OF 11

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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	#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	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	#8 X 3" PFH WOOD SCREW	STEEL
P	#10 X 3" WAFER HEAD WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP
2	INTEGRAL MULLION	PVC/LVL
3	INTEGRAL MULLION w/ ALUMINUM REINFORCEMENT	COMP/LVL/ALUM
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
10	#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
14	MULTI-POINT STRIKE PLATE	STEEL
15	#12 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-

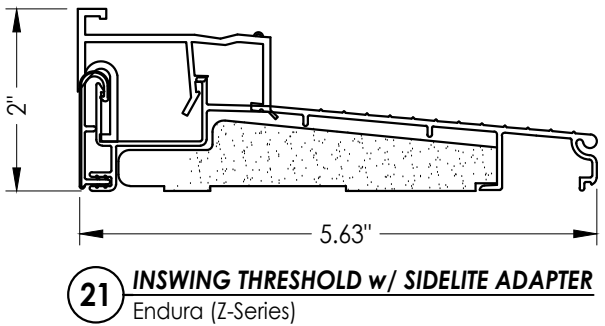
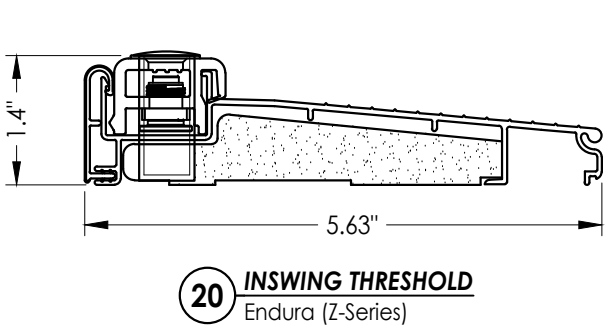
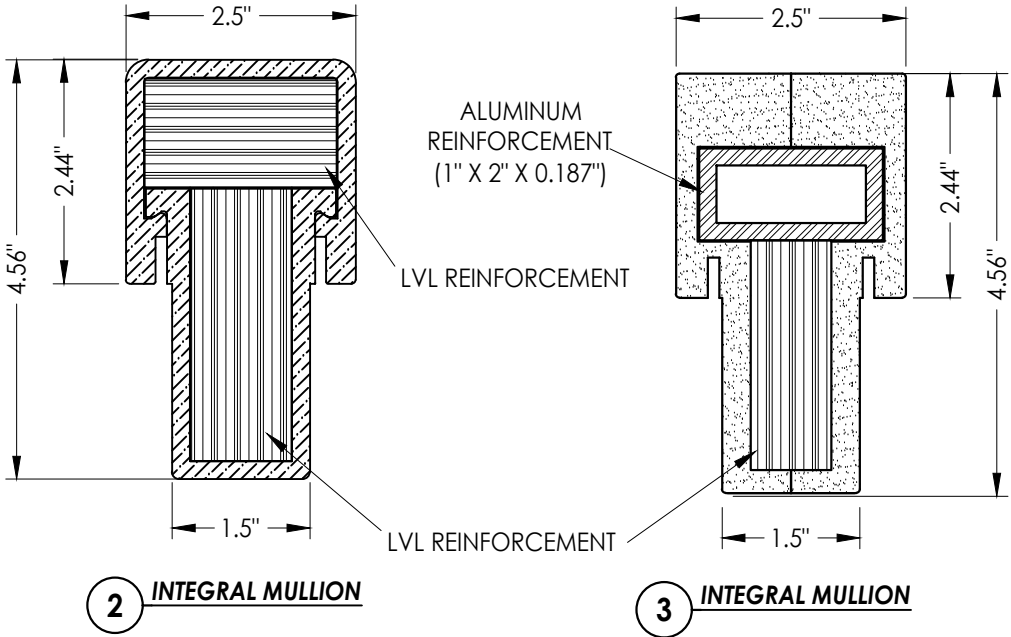
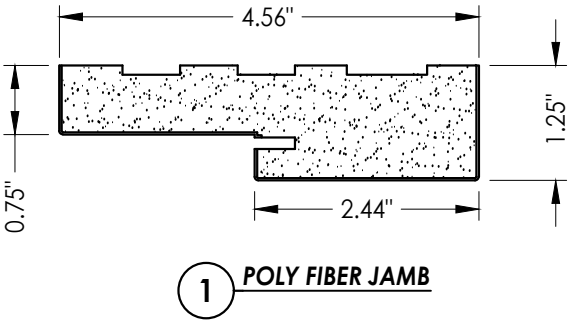
CONCRETE ANCHOR NOTES:

- 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 ULTRA-CON®	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.
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Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS		
		DATE	BY	DESCRIPTION
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC

DATE: 6/03/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.1

SHEET 11 OF 11