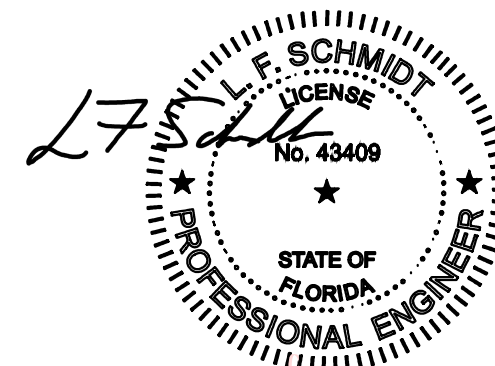
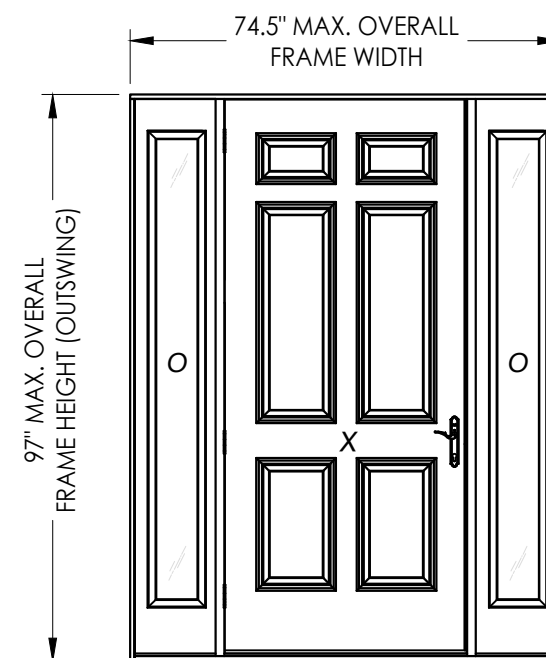
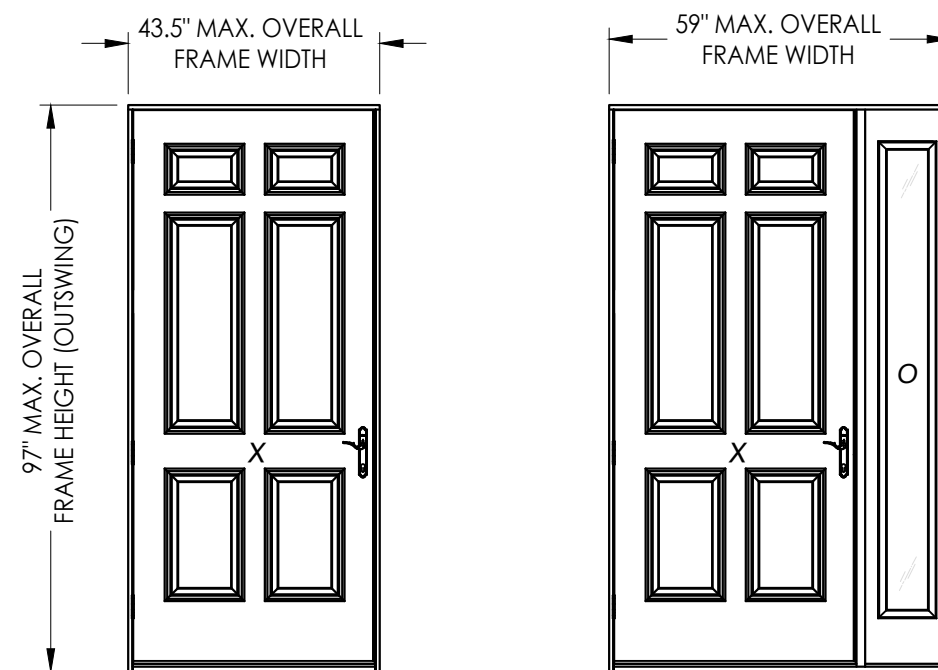


OPAQUE FIBERGLASS SINGLE DOOR
w/ or w/out SIDELITES
OUTSWING
"NON-IMPACT"

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	Vertical & Horizontal Cross Sections (2X Buck Masonry)
6	Vertical & Horizontal Cross Sections (1X Buck Masonry)
7	Vertical & Horizontal Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Buck Anchoring
10	Frame Anchoring
11	Hardware Details
12	Bill of Materials & Components



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:05:21 -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

CONFIGURATION	MAX. FRAME DIMENSION (OUTSWING)	DESIGN PRESSURE (PSF, OUTSWING)	
		POSITIVE	NEGATIVE
X	43.5" x 97.0"	+45.0	-45.0
OX, XO	59.0" x 97.0"	+45.0	-45.0
OXO	74.5" x 97.0"	+45.0	-45.0

SEE SHEET 2 FOR HARDWARE DESIGN PRESSURE LIMITATIONS

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

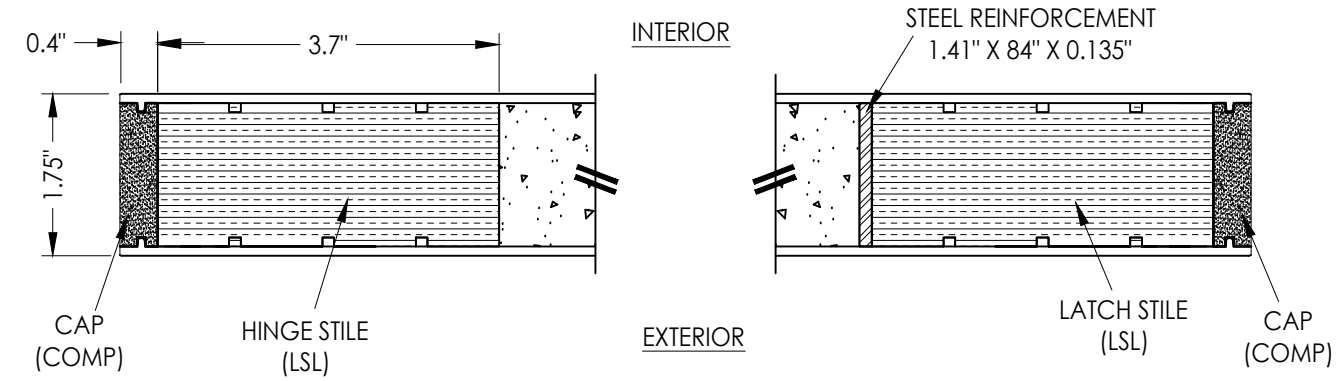
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR

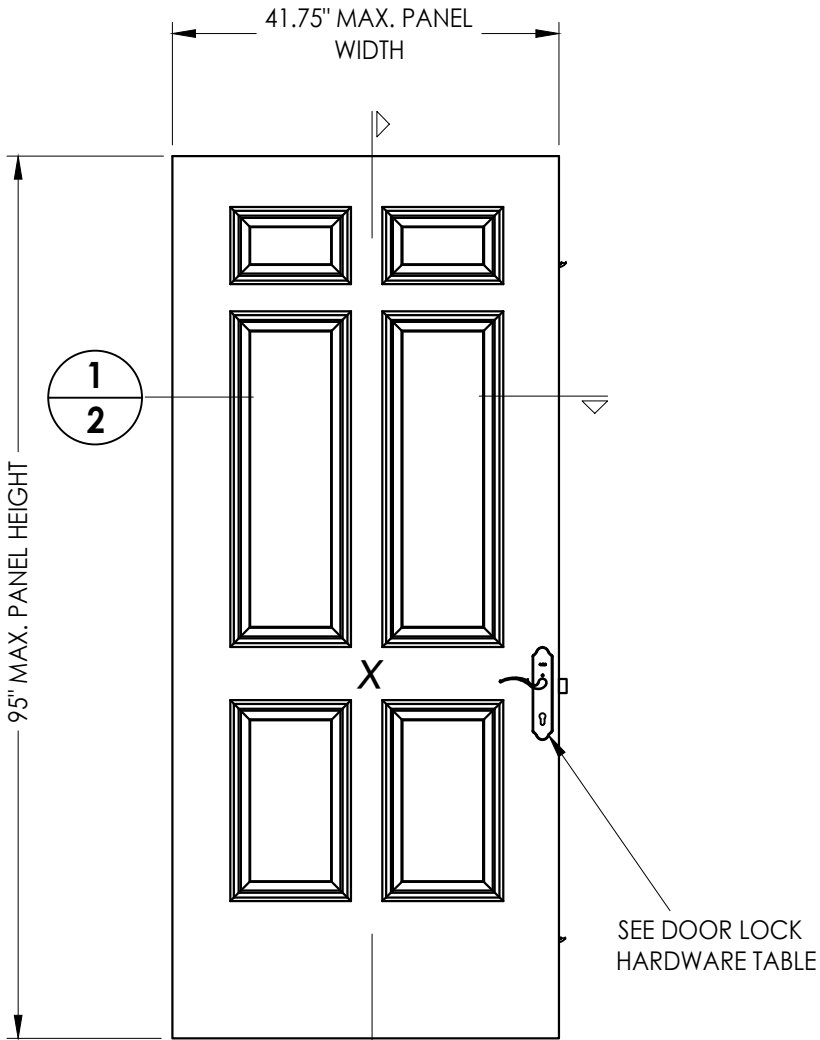
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

[illegible]

Z:\2023 FBC Drawings\Wincore Window Company\FL-30006 R2\FL-30006.9-10.dwg



1
2 **HORIZONTAL CROSS SECTION**

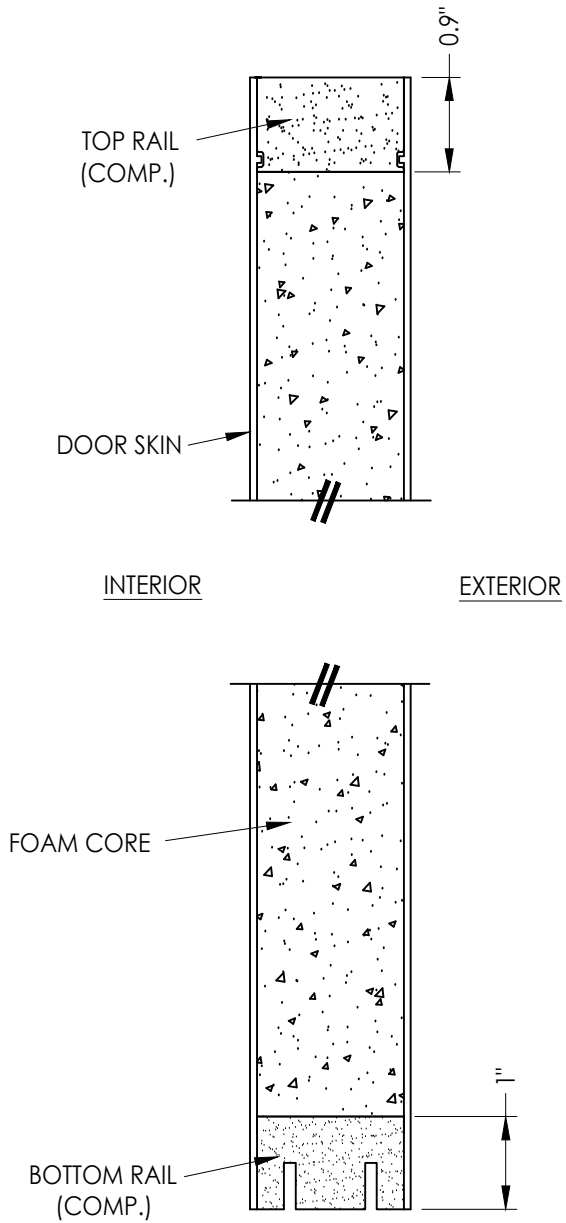


2
2

40 **DOOR PANEL**
Plastpro Fiberglass

DOOR SKIN: FIBERGLASS SKIN (0.105" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

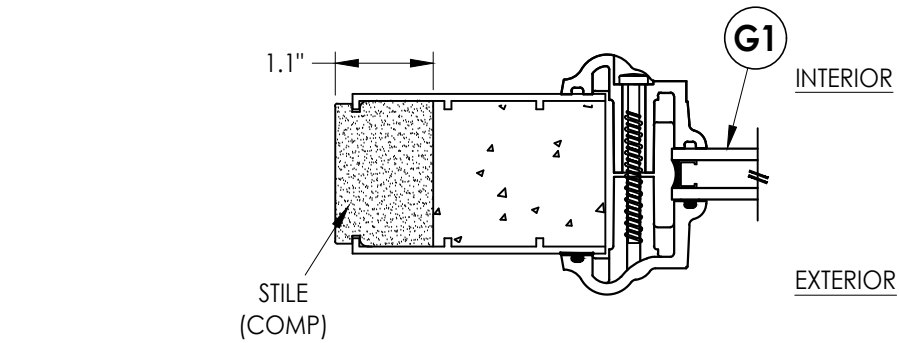
DOOR LOCK HARDWARE TABLE		MAXIMUM DESIGN PRESSURE
MANUFACTURER	MODEL	
SCHLAGE	KNOB: F51	± 30 PSF
	DEADBOLT: B60N	
TRILENNIUM	3000 SERIES MULTI-POINT LOCK (3pt.)	± 45 PSF



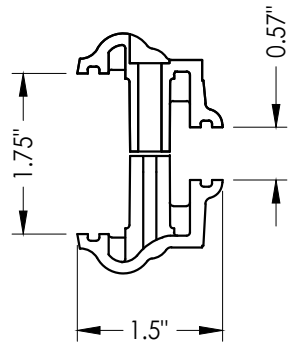
2
2 **VERTICAL CROSS SECTION**

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	BY
		UPDATE TO 8TH ED. (2023) FBC	DAC
		UPDATE TO 7th ED. (2020) FBC	BY
		NO. DATE	REVISIONS
		2 7/06/23	
		1 8/20/20	
DATE: 6/27/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30006.9			
SHEET 2 OF 12			

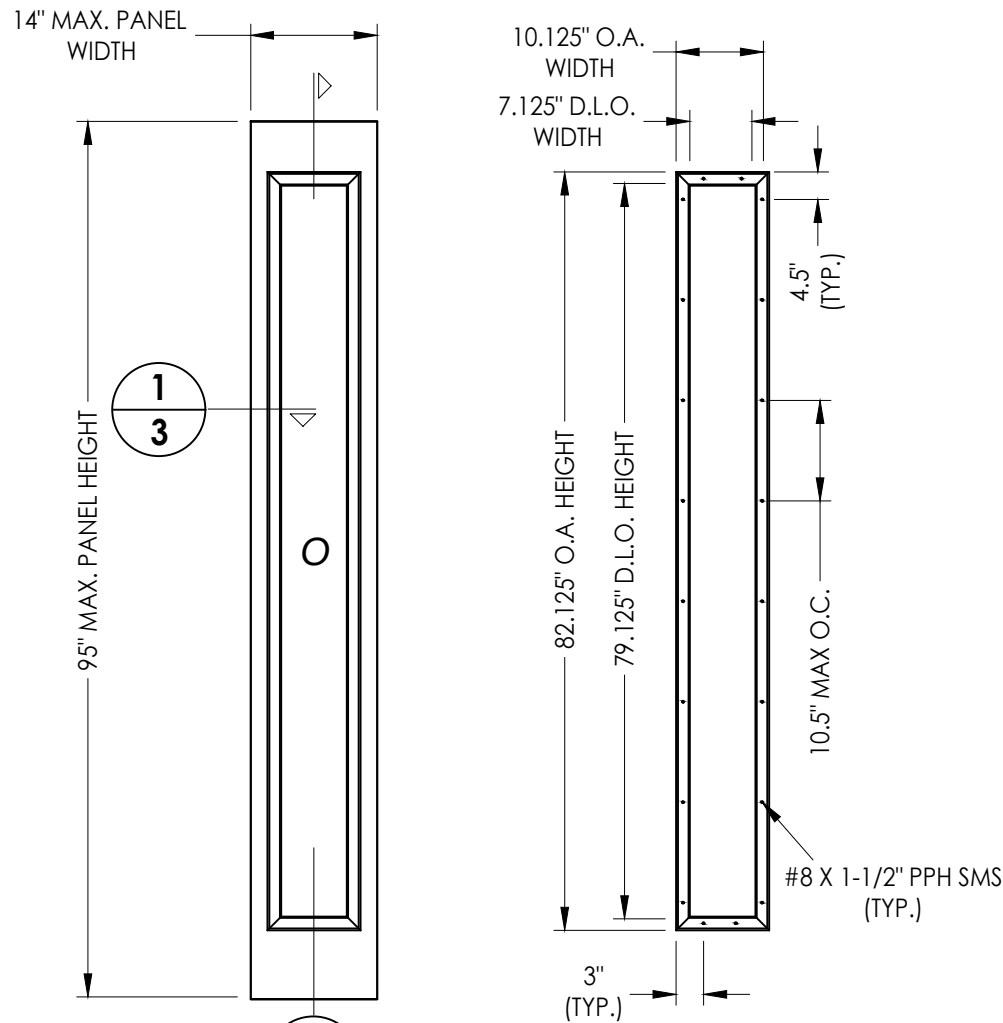
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1
3 **HORIZONTAL CROSS SECTION**

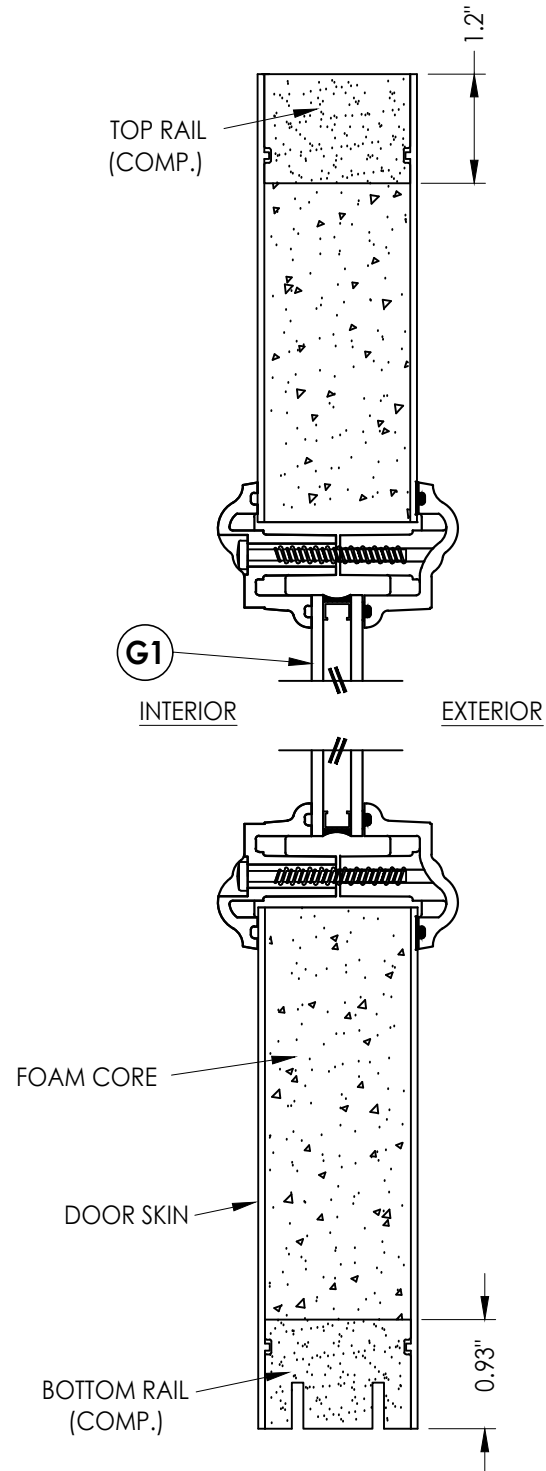
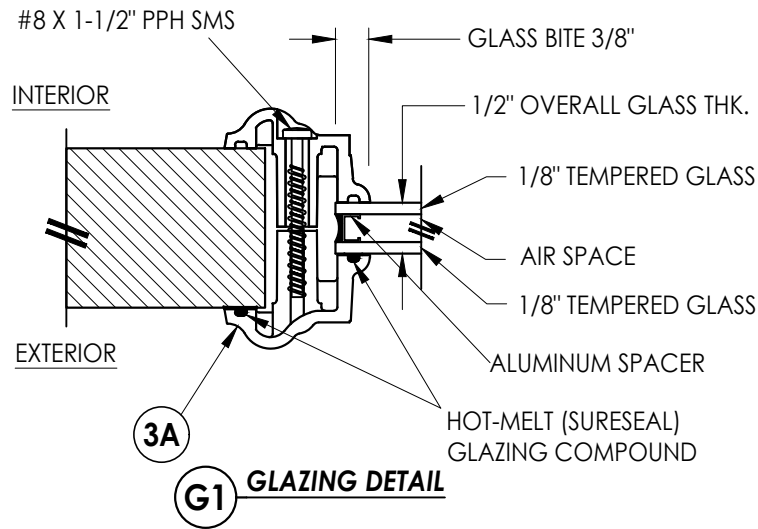


3A **ODL LITE FRAME**
HP Polypropylene



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

ODL LITE FRAME



2
3 **VERTICAL CROSS SECTION**

SIDELITE SKIN: FIBERGLASS SKIN (0.086" 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 License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS

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

DATE: 6/27/19

SCALE: N.T.S.

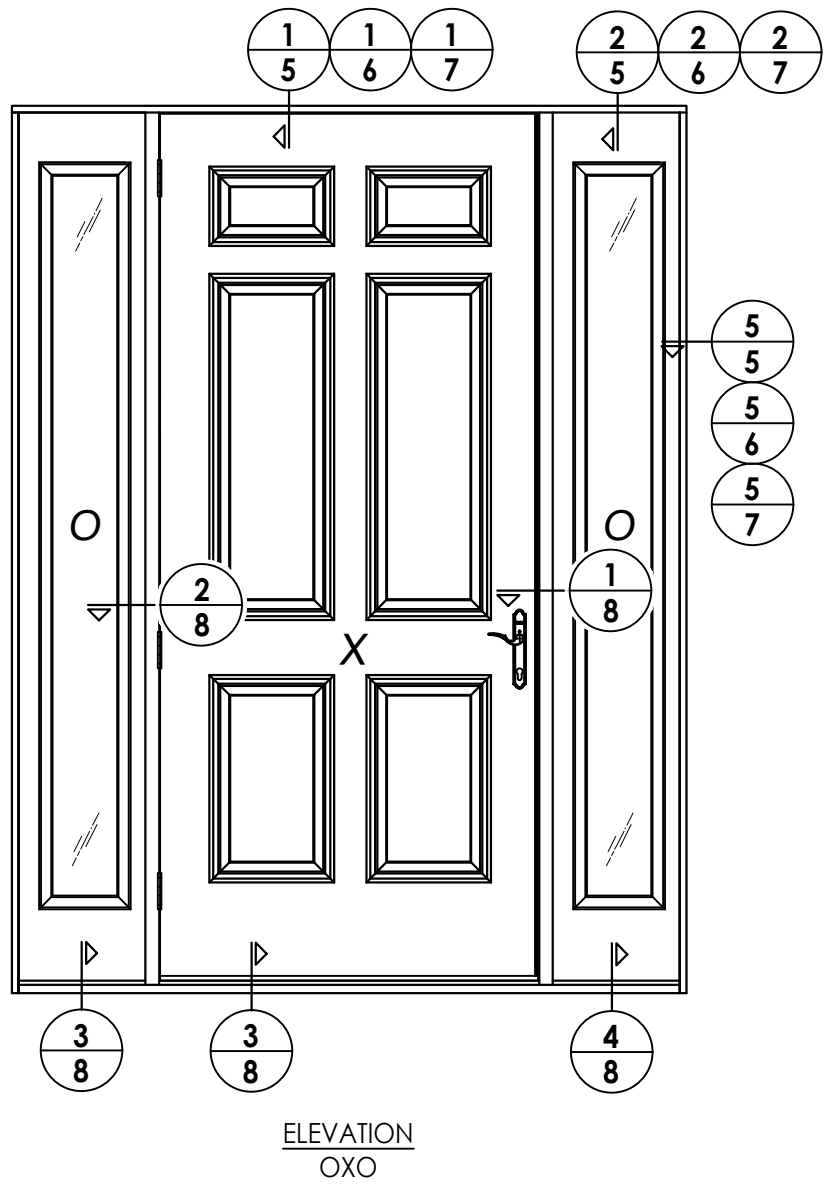
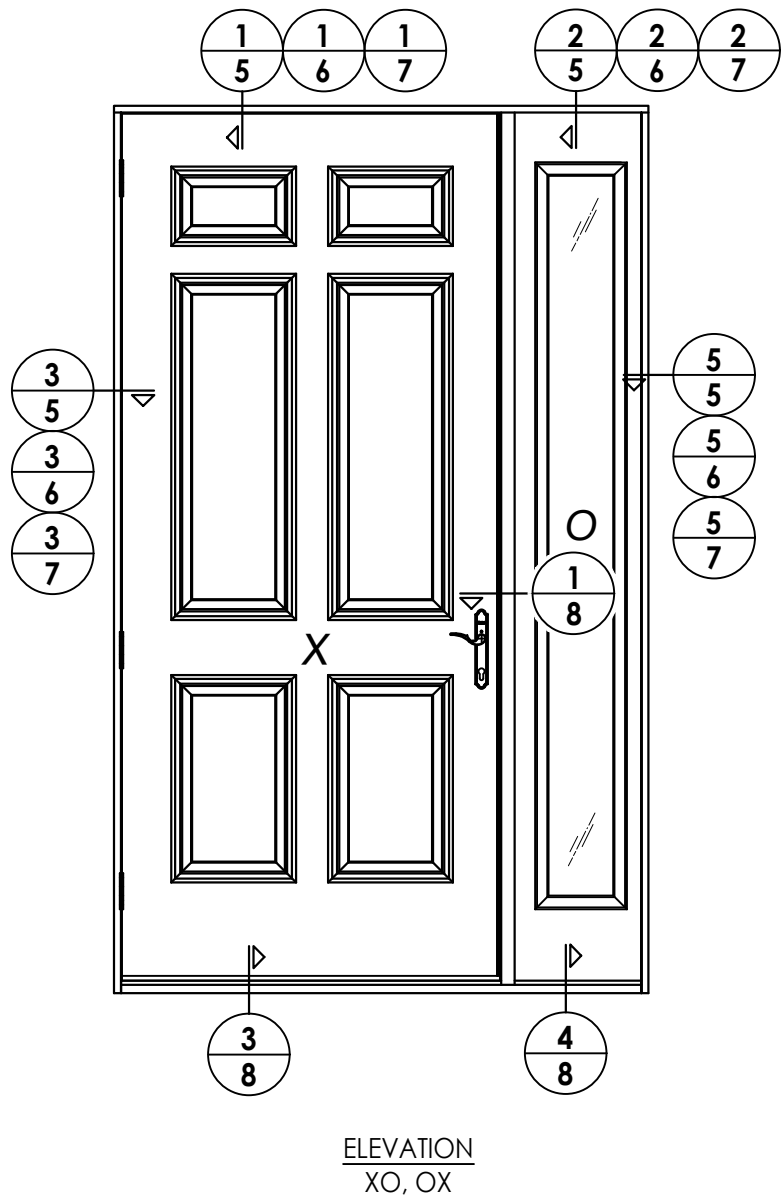
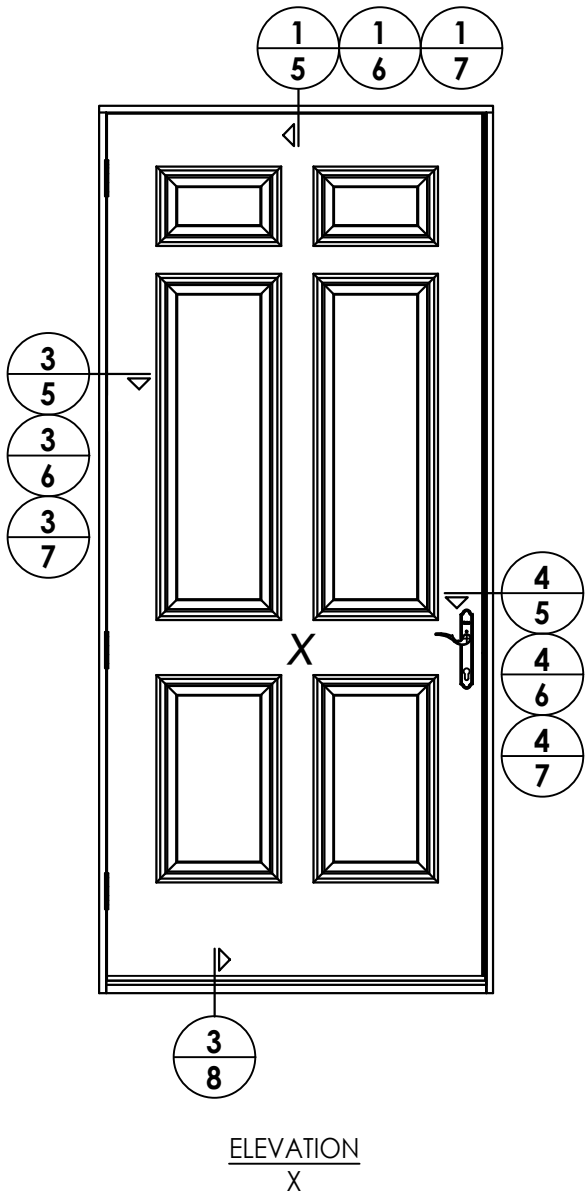
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-30006.9

SHEET 3 OF 12



DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.9

SHEET 4 OF 12

PRODUCT:

WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:

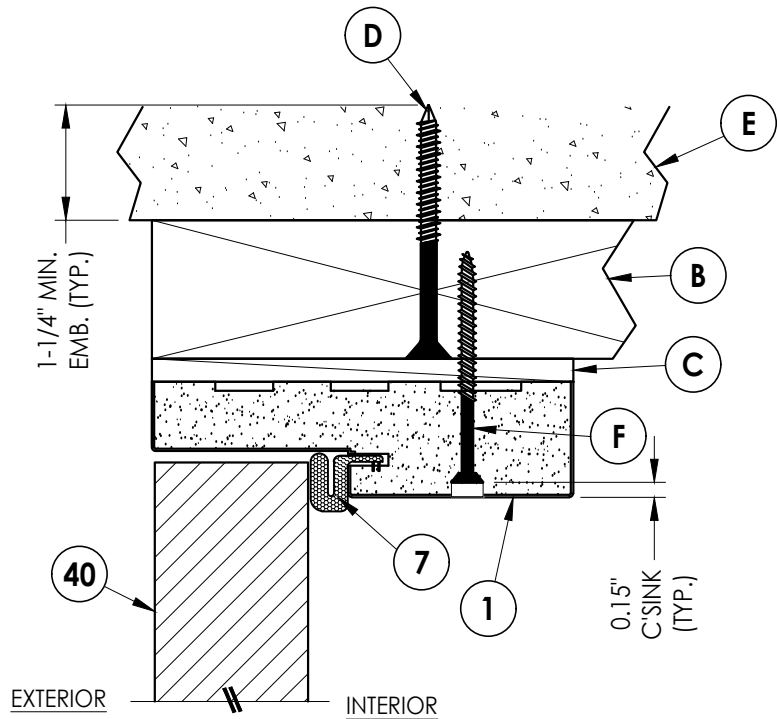
ELEVATIONS

REVISIONS

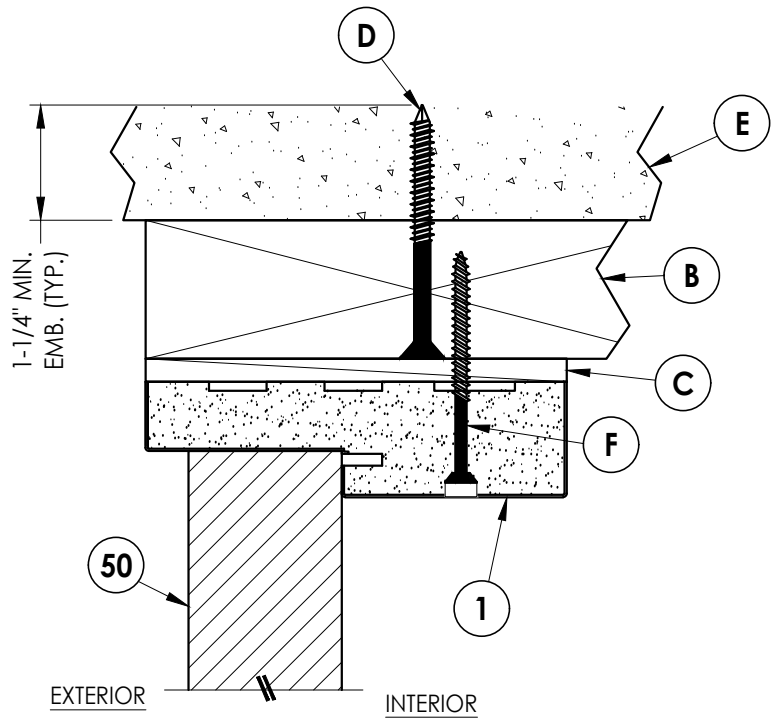
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

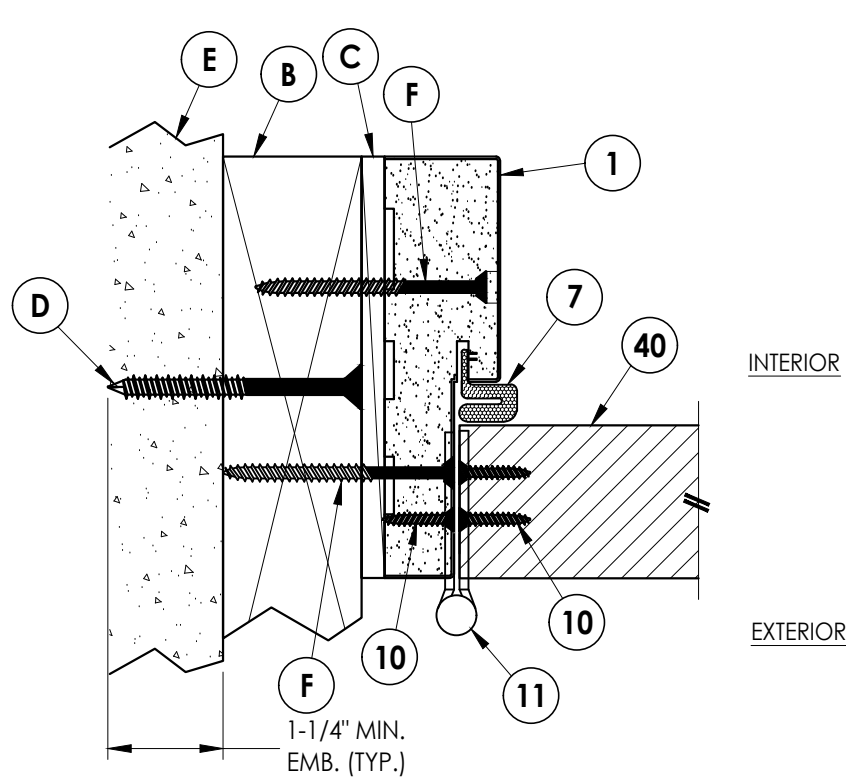
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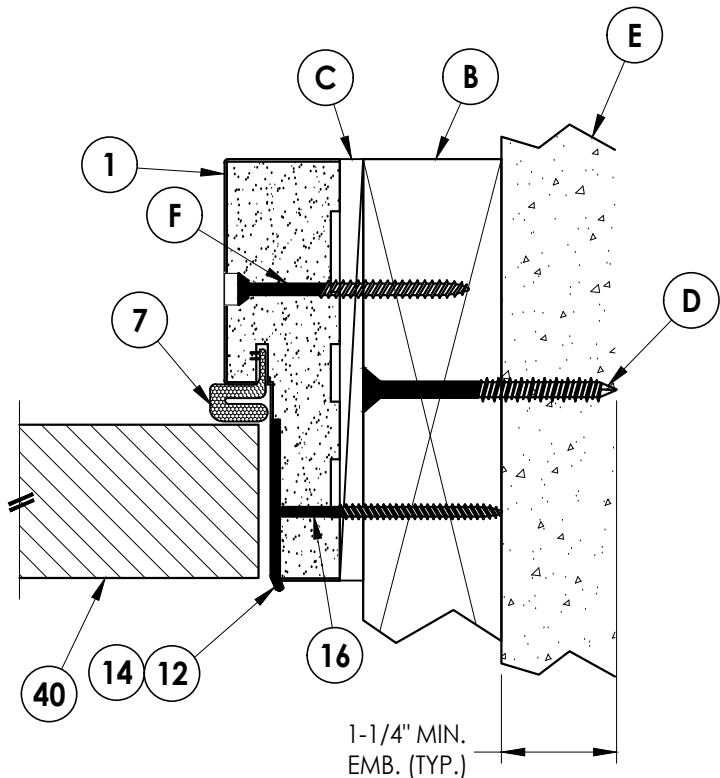
1
5 **VERTICAL CROSS SECTION**
Outswing shown
2X Buck Construction



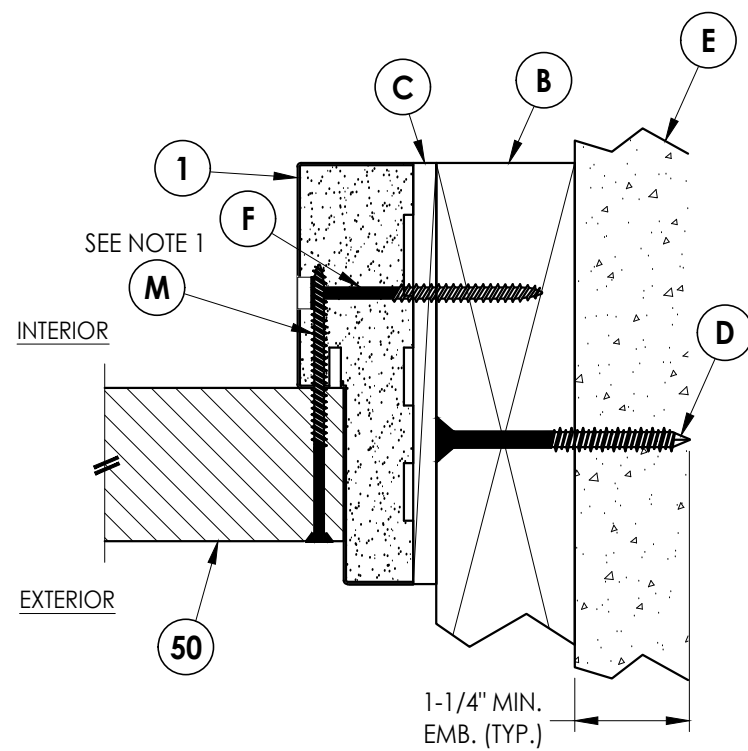
2
5 **VERTICAL CROSS SECTION**
Outswing shown
2X Buck Construction



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



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



5
5 **HORIZONTAL CROSS SECTION**
Outswing shown
2X Buck 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

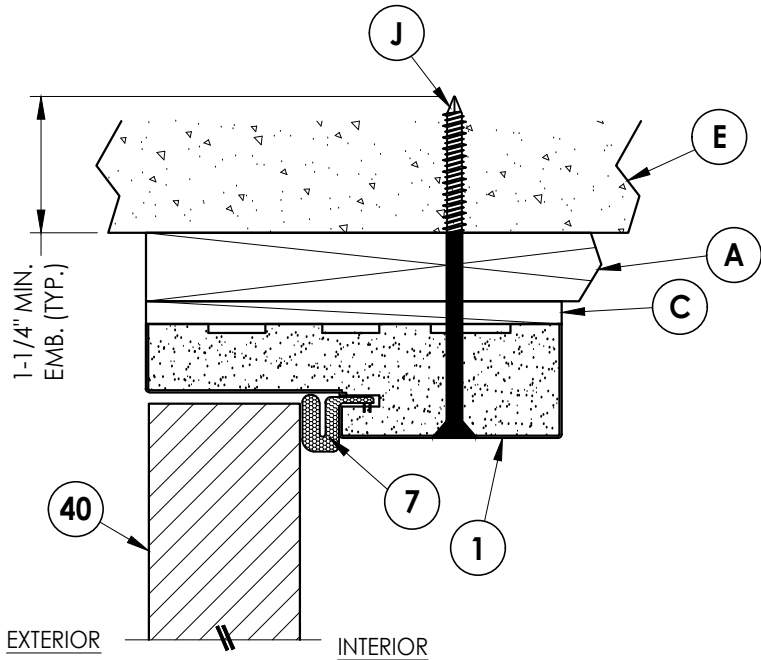
PRODUCT: WINCORE
FIBERGLASS DOOR

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

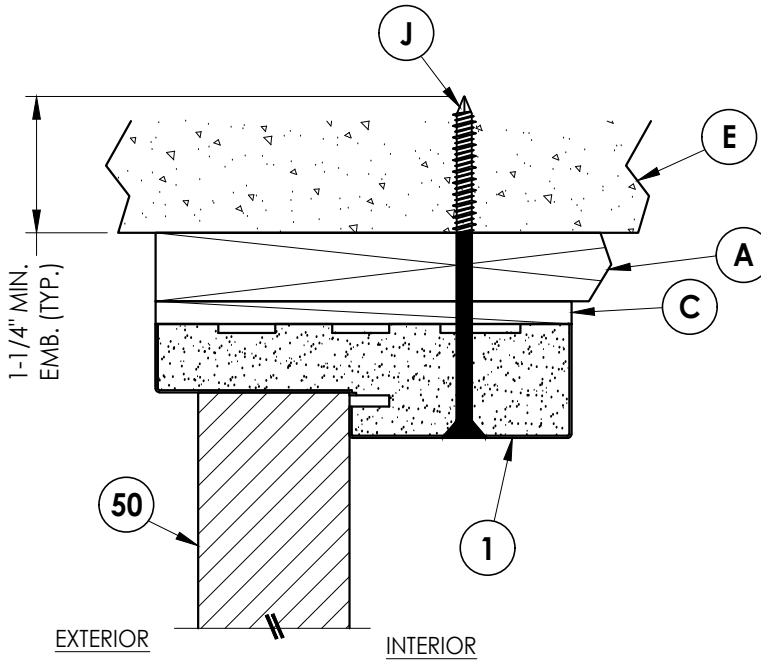
NO.	DATE	REVISIONS	BY
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC	DAC

DATE: 6/27/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.9
SHEET 5 OF 12

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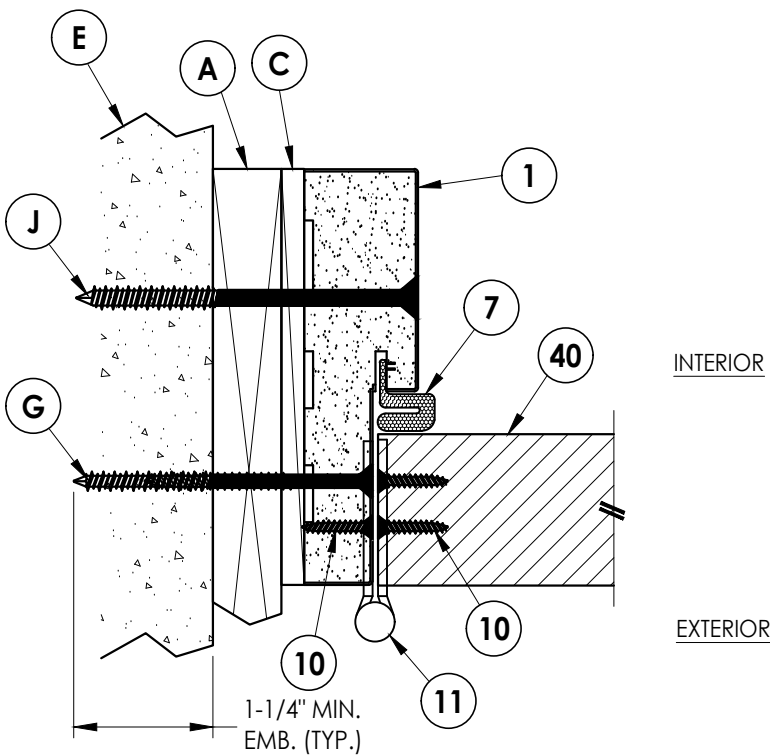


1
6 VERTICAL CROSS SECTION
Outswing shown
1X Buck Construction

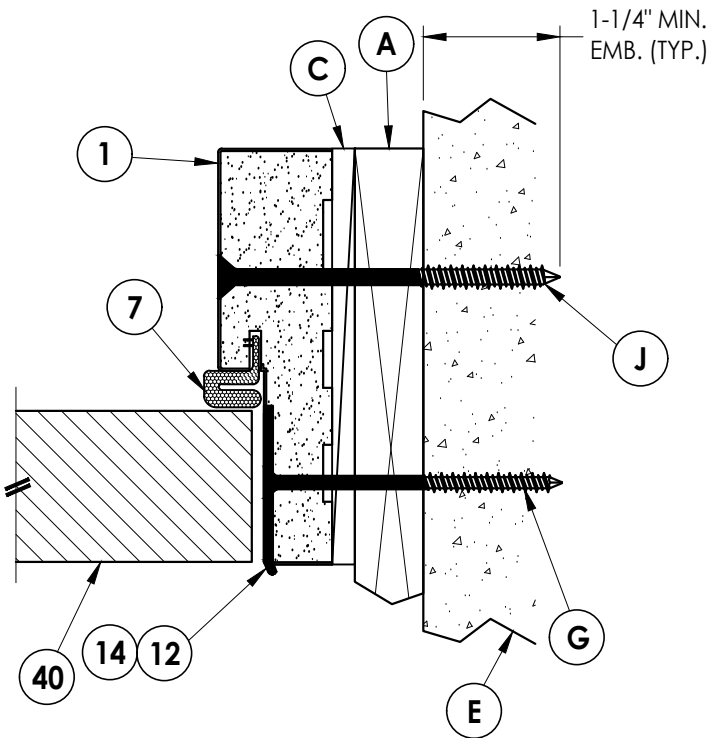


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Outswing shown
1X Buck Construction

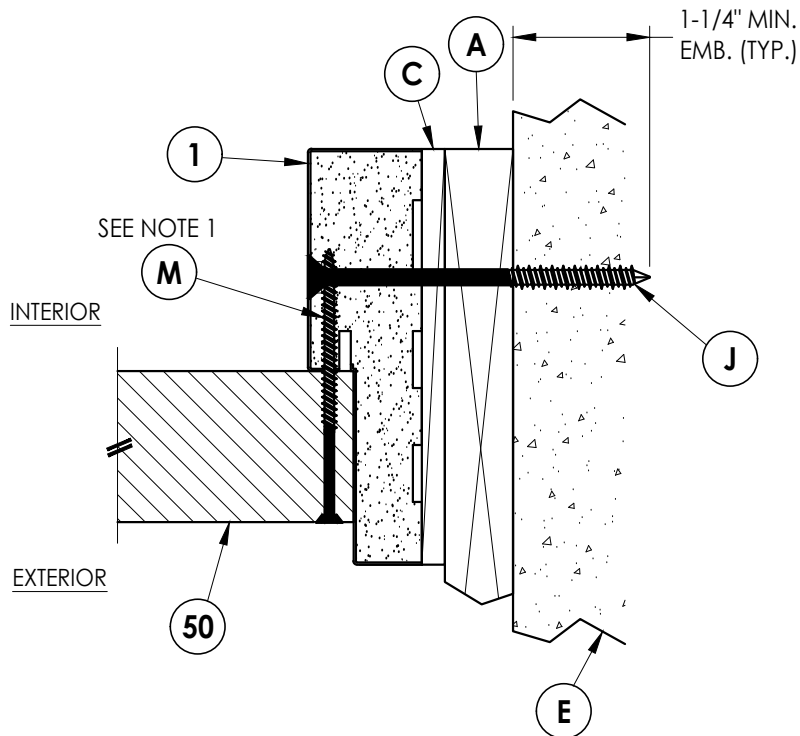
NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.



3
6 HORIZONTAL CROSS SECTION
Outswing shown
1X Buck Construction

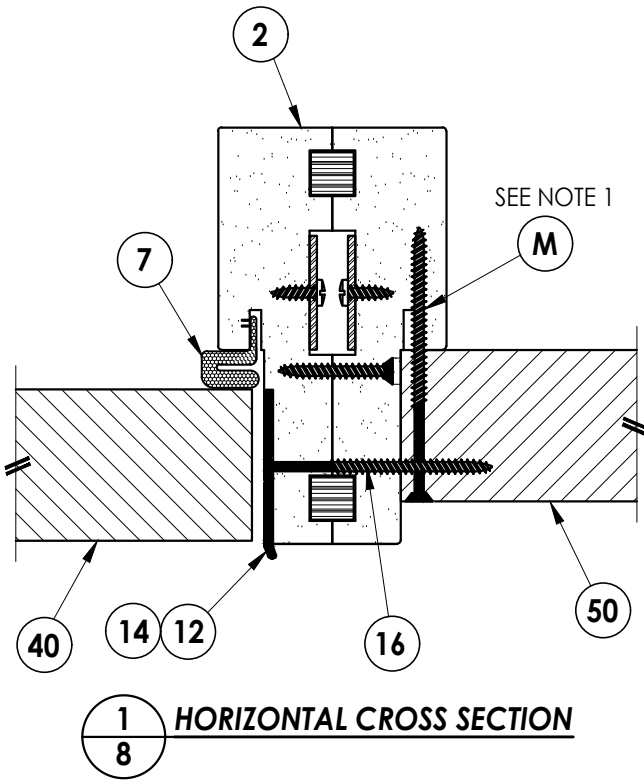


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6 HORIZONTAL CROSS SECTION
Outswing shown
1X Buck Construction

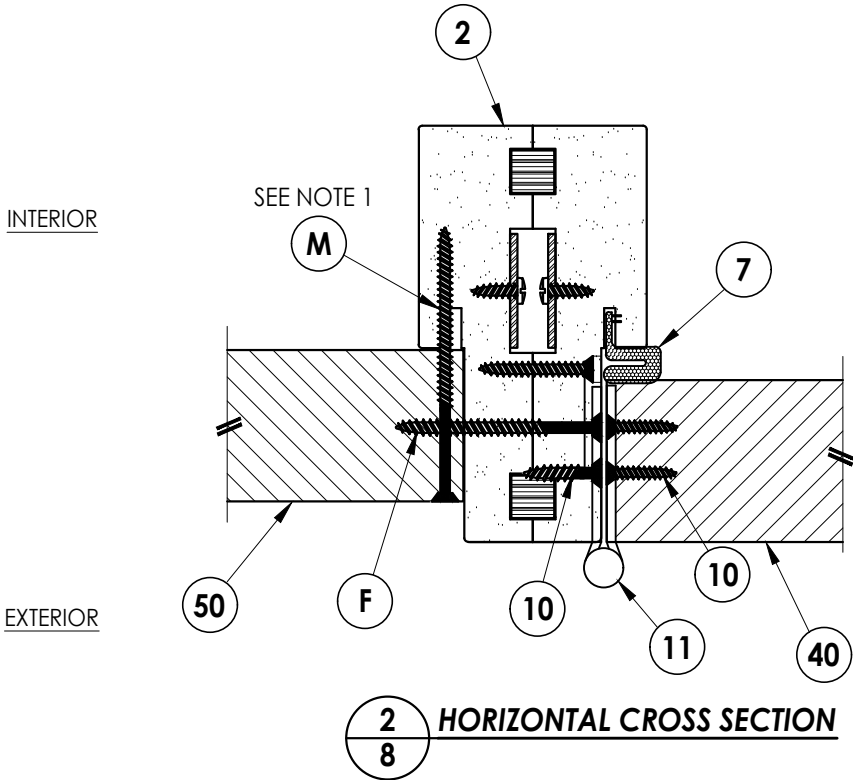


5
6 HORIZONTAL CROSS SECTION
Outswing shown
1X Buck Construction

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: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK MASONRY)	
		LFS	BY
		DAC	
		DATE	REVISIONS
		NO.	DATE
		2	7/06/23 UPDATE TO 8TH ED. (2023) FBC
		1	8/20/20 UPDATE TO 7th ED. (2020) FBC
DATE: 6/27/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30006.9			
SHEET 6 OF 12			

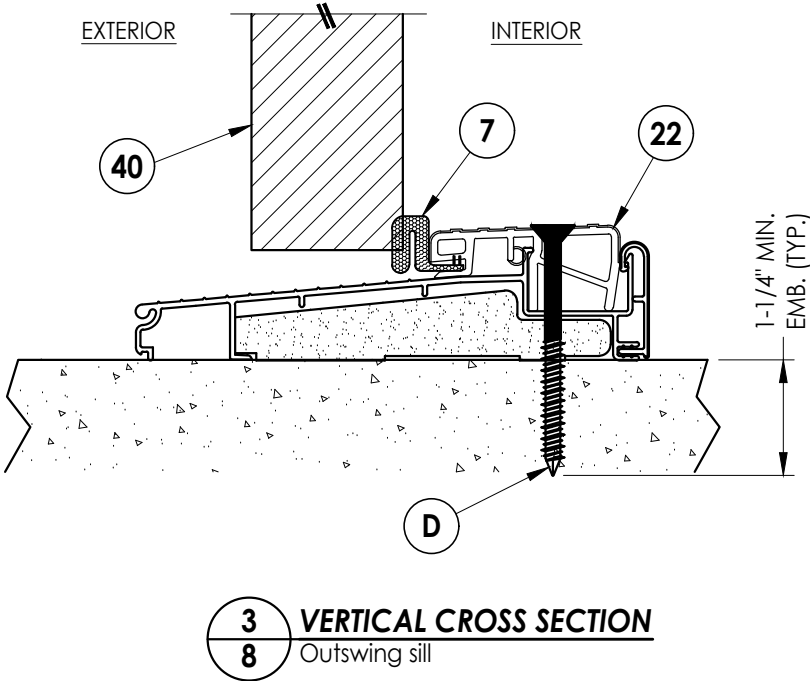


1
8 HORIZONTAL CROSS SECTION

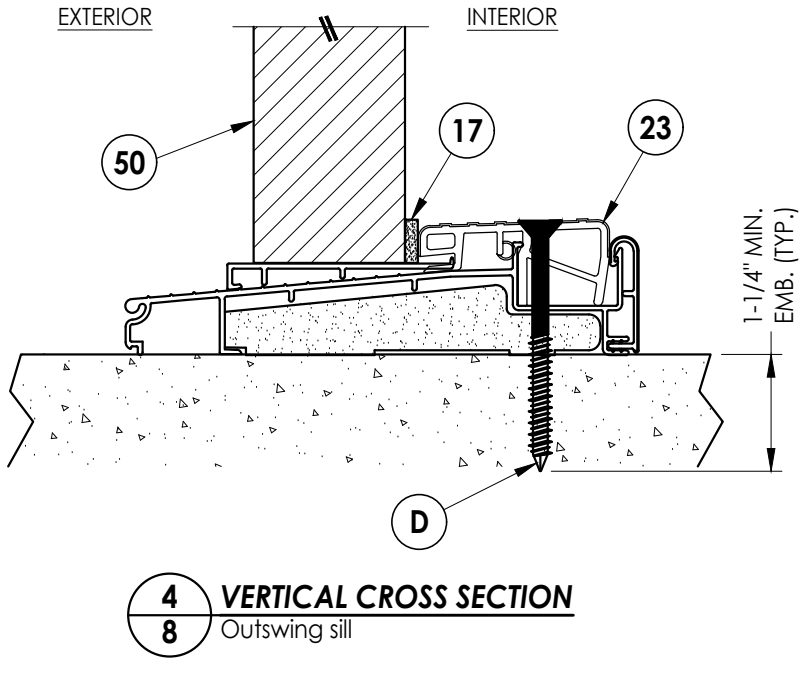


2
8 HORIZONTAL CROSS SECTION

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

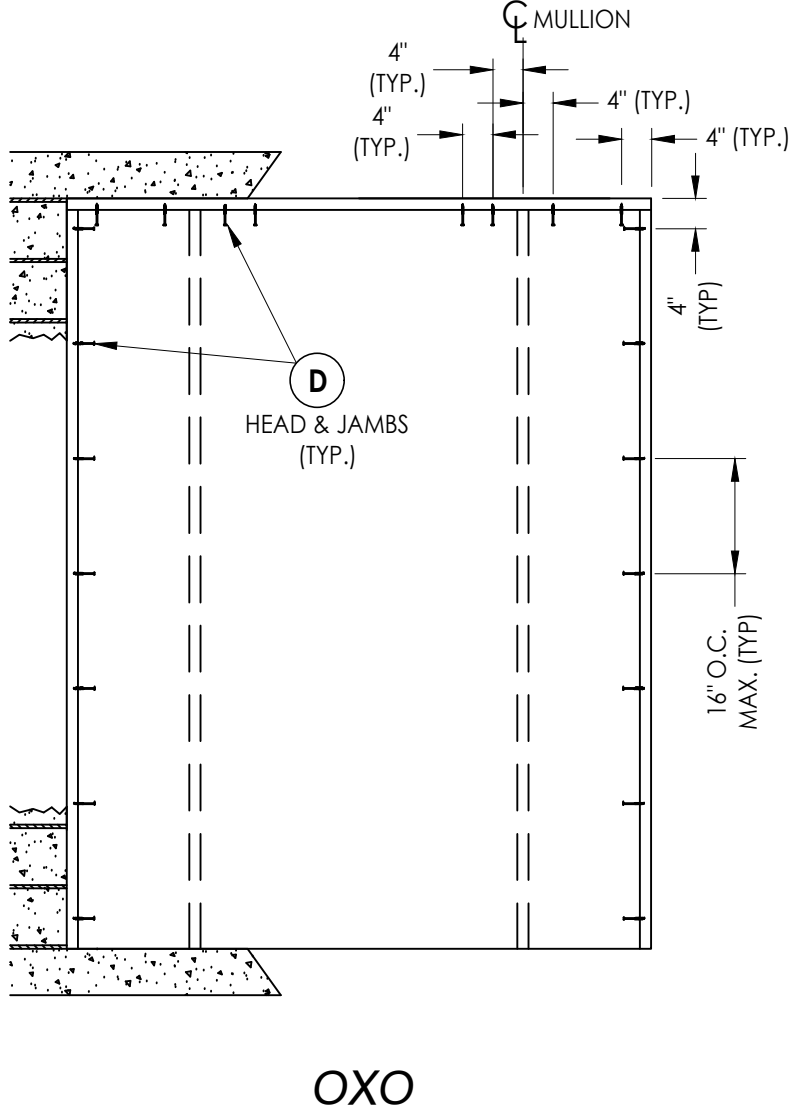
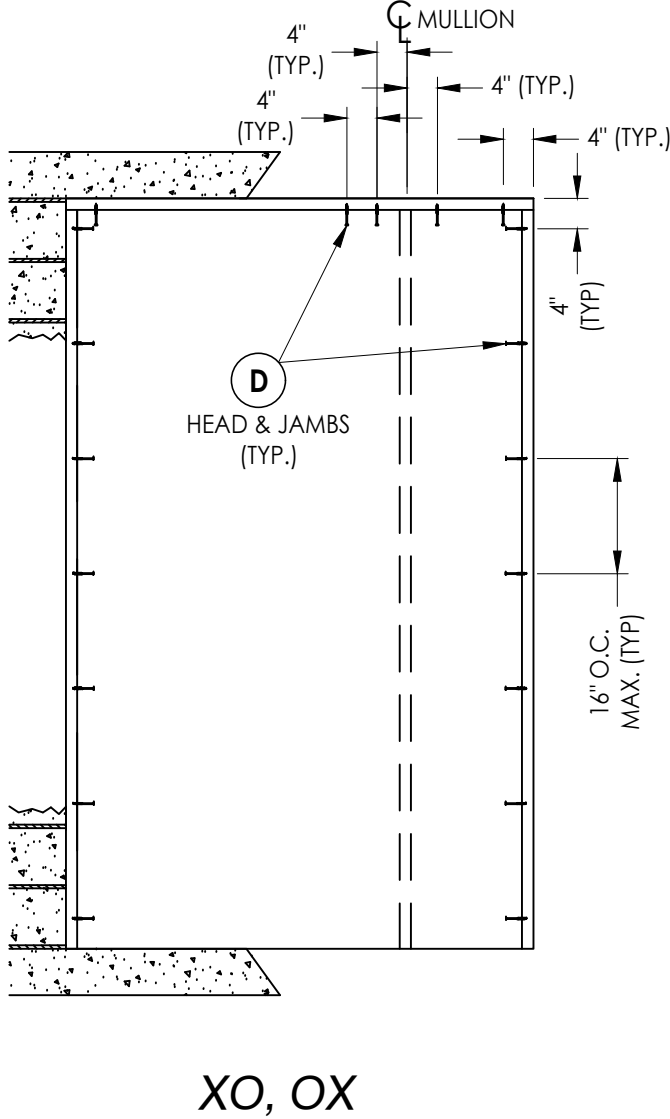
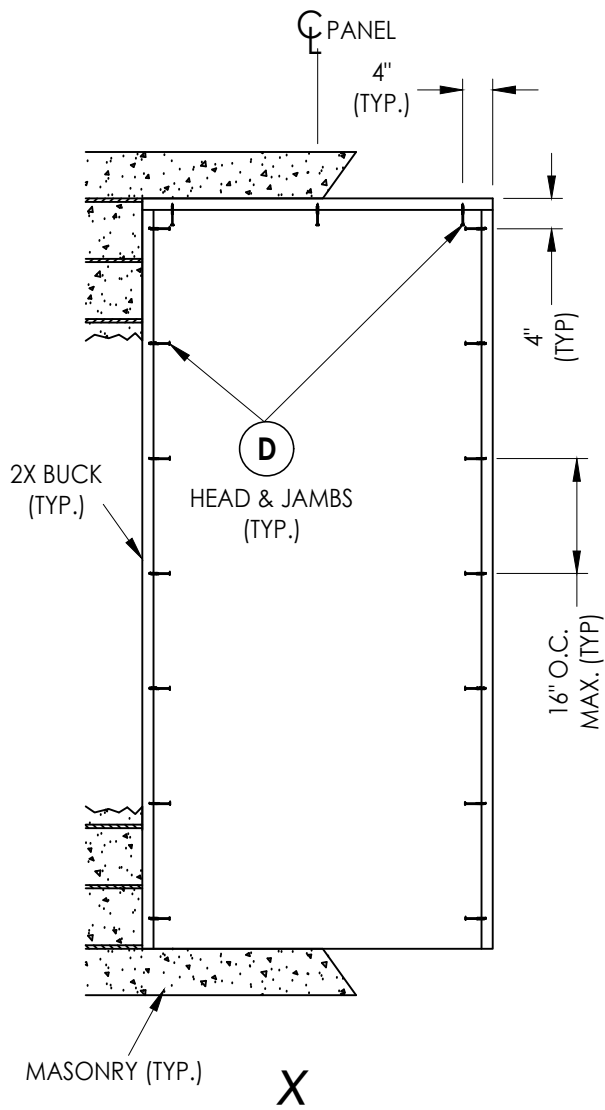


3
8 VERTICAL CROSS SECTION
Outswing sill



4
8 VERTICAL CROSS SECTION
Outswing sill

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: HORIZONTAL CROSS SECTIONS			
				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: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.9							
SHEET 8 OF 12							



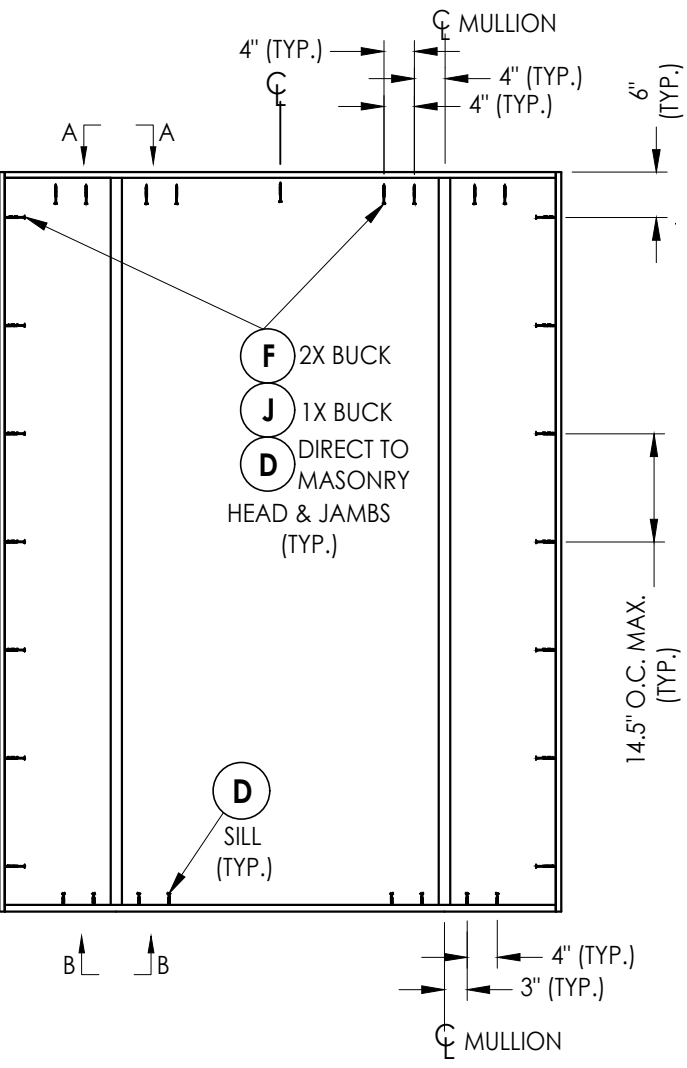
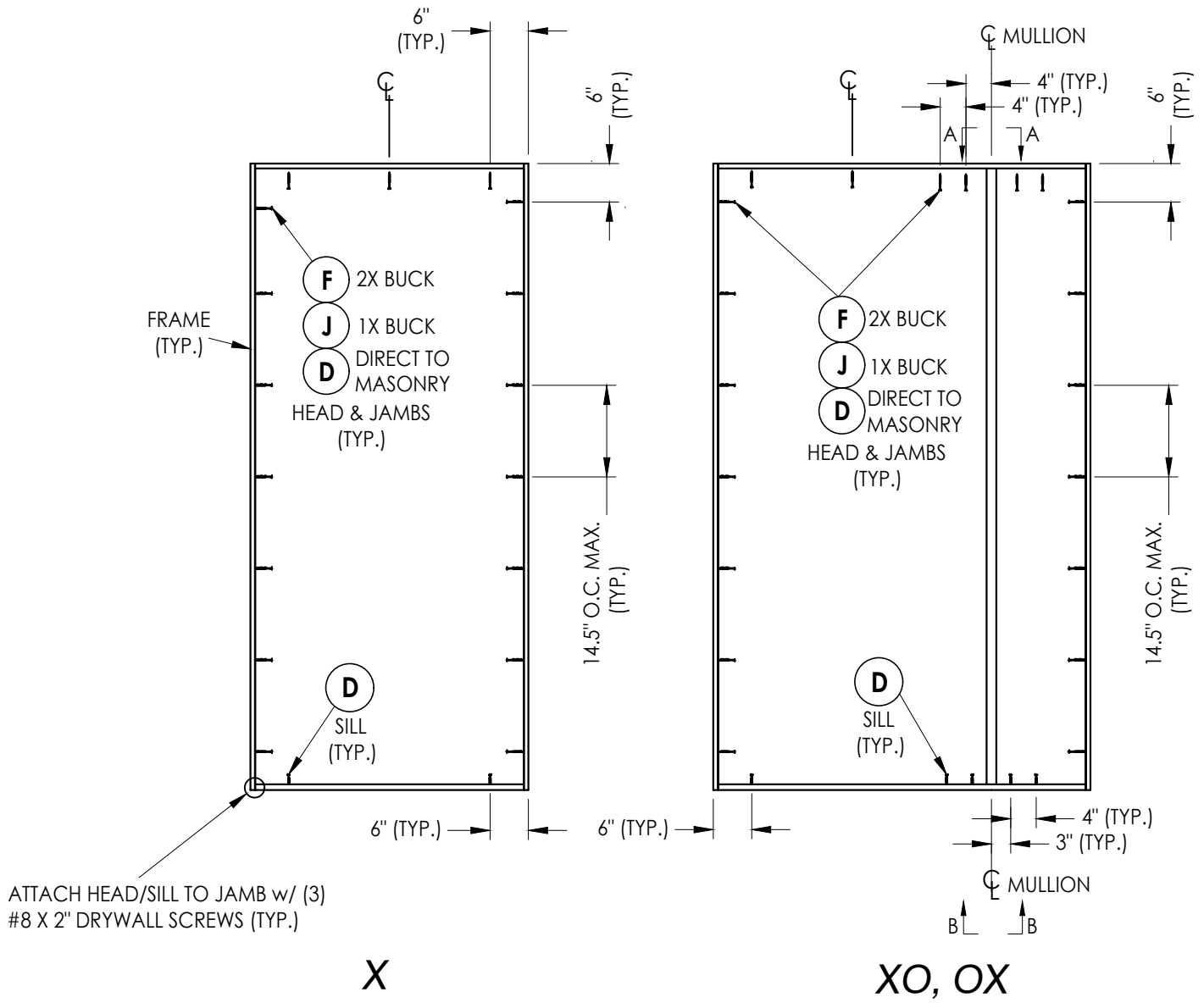
2X BUCK ANCHORING

DATE:	6/27/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.9
SHEET	9 OF 12

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

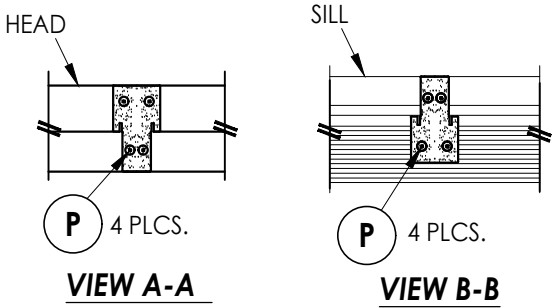
PRODUCT:	WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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 License No. 9813
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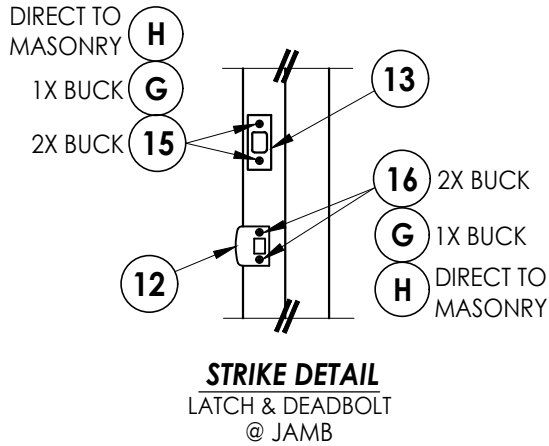


ATTACH HEAD/SILL TO JAMB w/ (3) #8 X 2" DRYWALL SCREWS (TYP.)

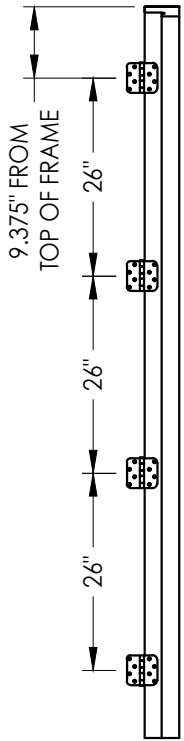
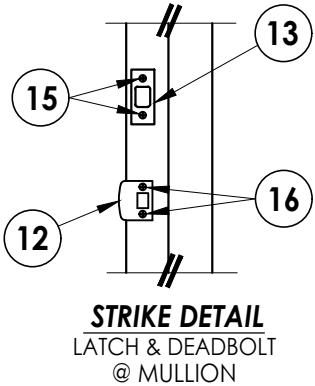
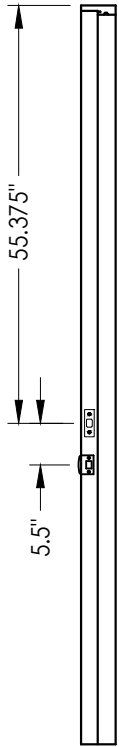
FRAME ANCHORING



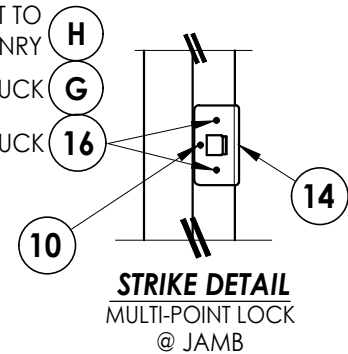
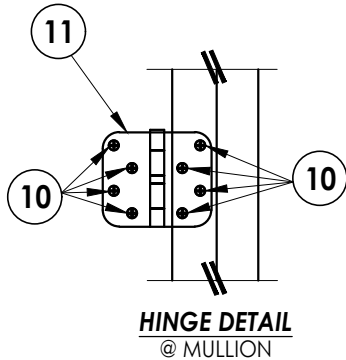
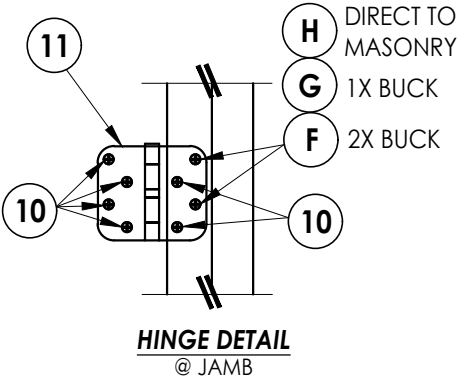
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
PRODUCT: WINCORE FIBERGLASS DOOR										PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



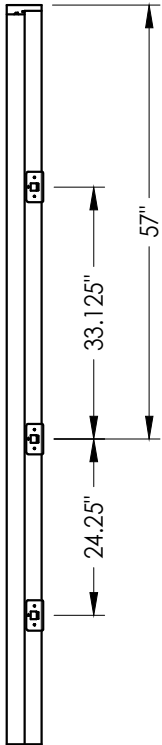
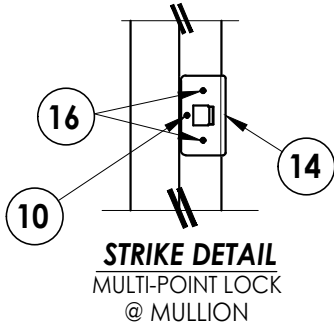
STRIKE JAMB/MULLION
LATCH & DEADBOLT



HINGE JAMB



STRIKE JAMB/MULLION
MULTI-POINT LOCK



DATE: 6/27/19		DRAWING NO.: FL-30006.9		SHEET 11 OF 12	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: RW	
2 7/06/23 UPDATE TO 8TH ED. (2023) FBC		1 8/20/20 UPDATE TO 7th ED. (2020) FBC		NO. DATE	
LFS		DAC		BY	
PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: HARDWARE DETAILS		REVISONS	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813		© 2019 R.W. BUILDING CONSULTANTS INC.	

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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
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	COMP/LVL/STEEL
7	WEATHERSTRIP	FOAM
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
17	WEATHERSTRIP	FOAM
18	MULTI-POINT TONGUE STRIKE PLATE	STEEL
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-

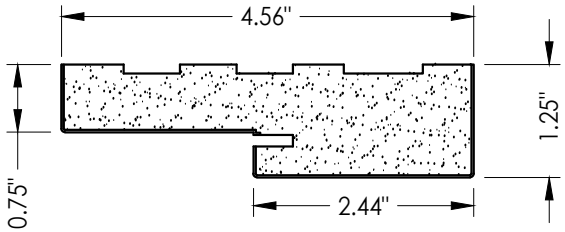
CONCRETE ANCHOR NOTES:

- 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:

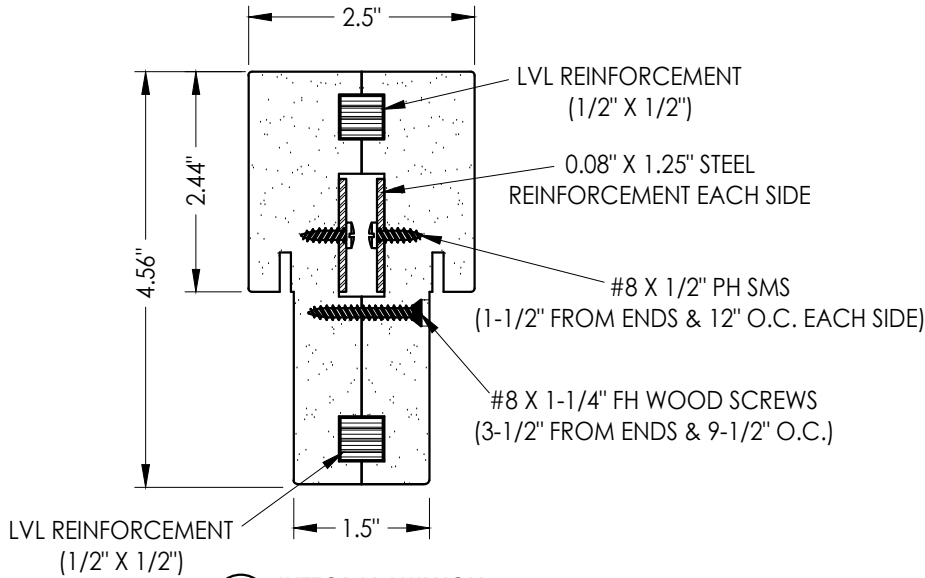
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

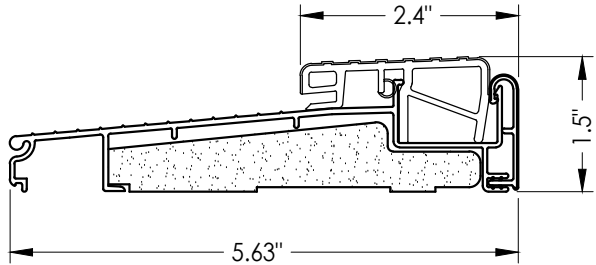
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



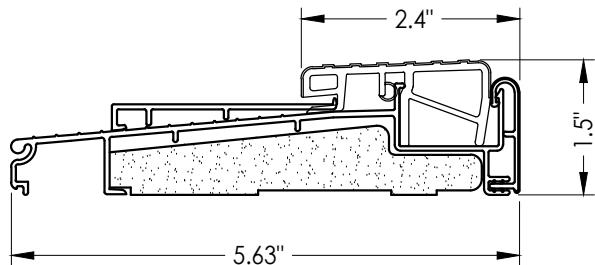
1 POLY FIBER JAMB



2 INTEGRAL MULLION



22 OUTSWING THRESHOLD
Endura (Z-Series)



23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)

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: BILL OF MATERIALS & COMPONENTS	
		LFS	DAC
		REVISIONS	
		NO.	DATE
		2	7/06/23
		1	8/20/20
DATE: 6/27/19		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-30006.9		SHEET 12 OF 12	