



250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS SINGLE DOOR
w/ TRANSOM
w/ or w/out 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.

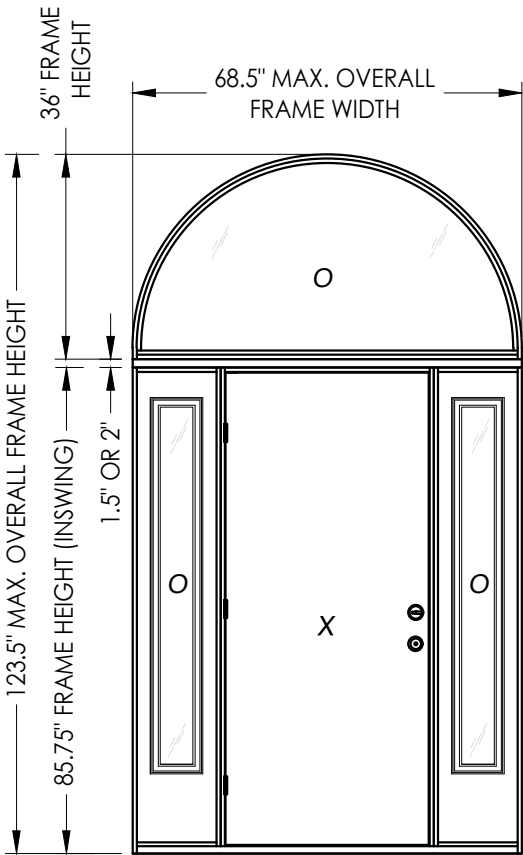
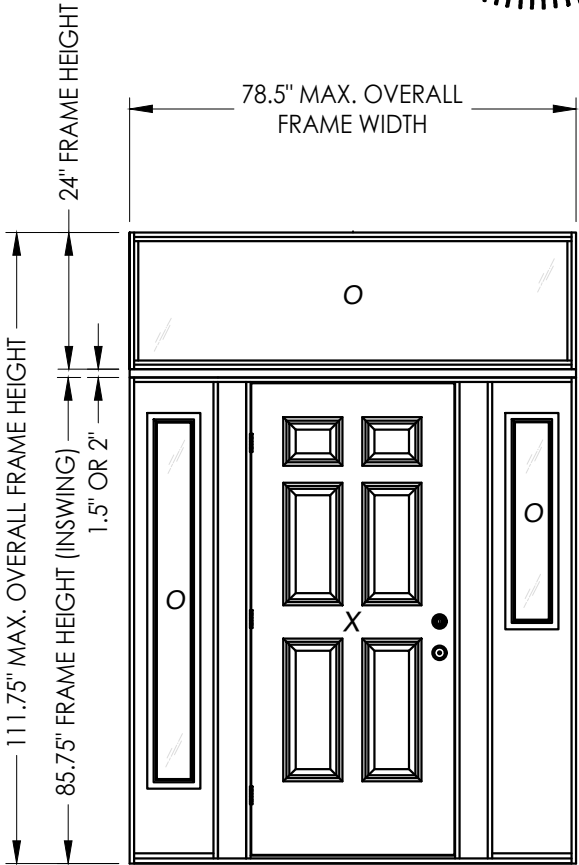
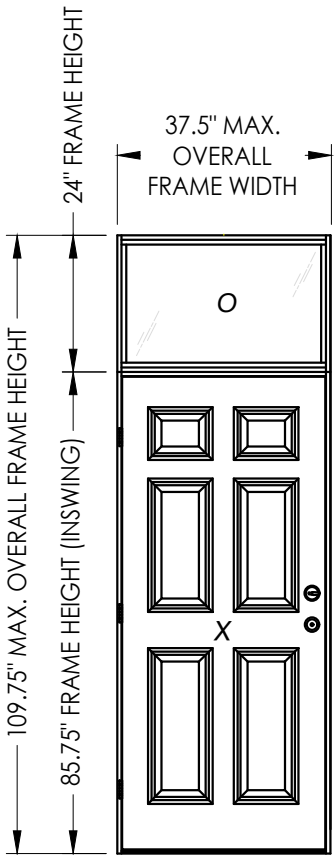
2.
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.

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.

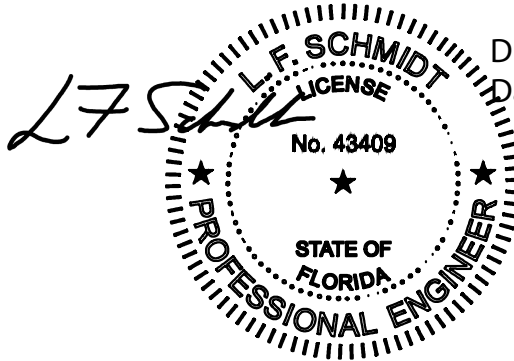
5.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details
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6	Horizontal & Vertical Cross Sections (2X Buck Masonry)
7	Horizontal & Vertical Cross Sections (1X Buck Masonry)
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9	Horizontal Cross Sections
10	Vertical Cross Sections
11	Buck Anchoring
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15	Hardware Details
16	Bill of Materials & Components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	MULLION SIZE	DESIGN PRESSURE (PSF) INSWING	
			POSITIVE	NEGATIVE
O X	37.5" x 109.75"	N/A	+70.0	-75.0
O OXO	78.5" x 111.25"	2X (1.5")	+45.0	-45.0
O OXO	78.5" x 111.75"	2" LVL	+40.0	-40.0
O OXO	68.5" x 123.0"	1.5" LVL	+50.0	-50.0
O OXO	68.5" x 123.5"	2" LVL	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 13:59:49 -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

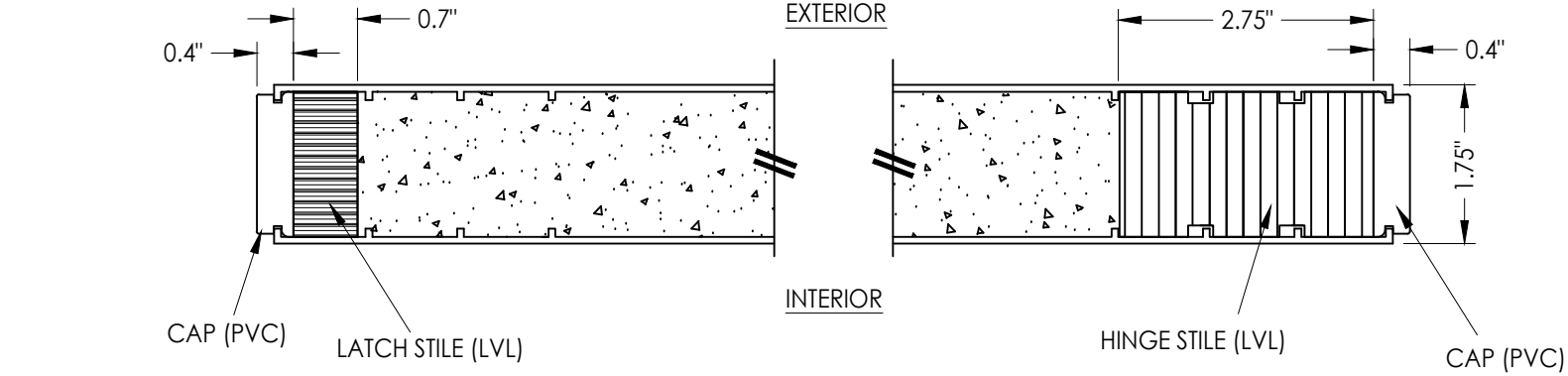
DATE: 6/03/19
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DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.2
SHEET 1 OF 16

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

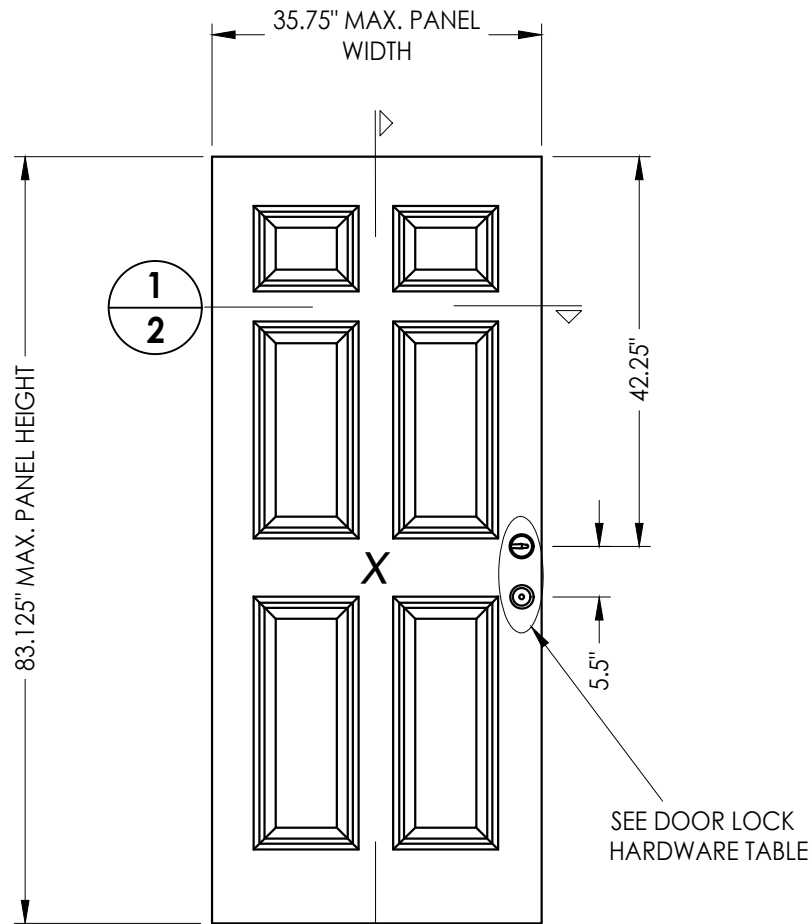
REVISIONS

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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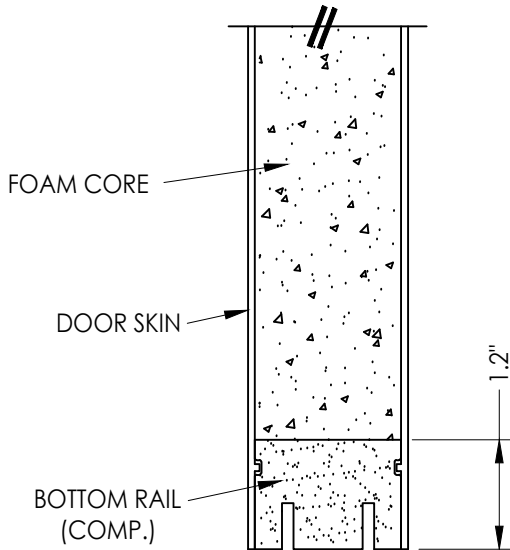
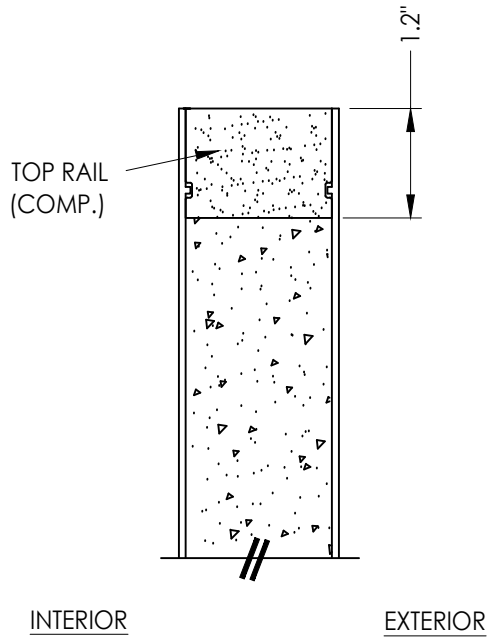
1
2 **HORIZONTAL CROSS SECTION**



2
2 **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**

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BUILDING CONSULTANTS, INC.
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PRODUCT:	WINCORE FIBERGLASS DOOR	
	PART OR ASSEMBLY: DOOR PANEL DETAILS	

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

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DRAWING NO.:	FL-30006.2
SHEET	2 OF 16

1/2" GLASS BITE

1" OVERALL GLASS THK.

1/8" TEMPERED GLASS

AIR SPACE

1/8" TEMPERED GLASS

DECORATIVE INSERT

ALUMINUM SPACER (BUTYL SEALANT)

READI-SEAL

3A

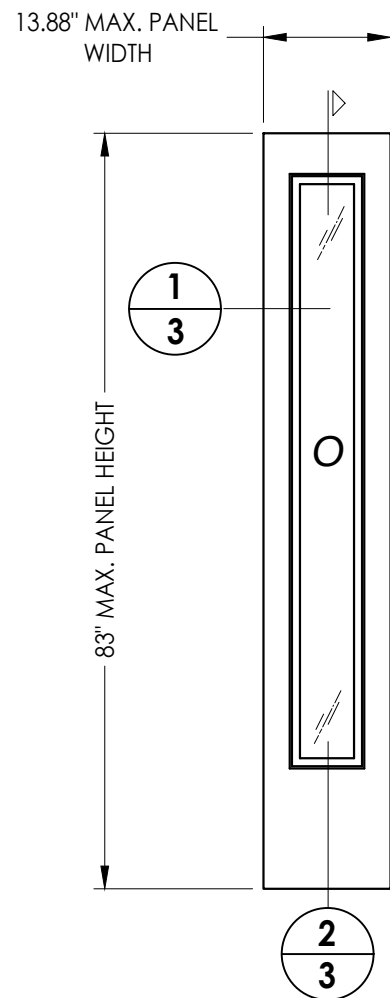
CORE

DOOR SKIN

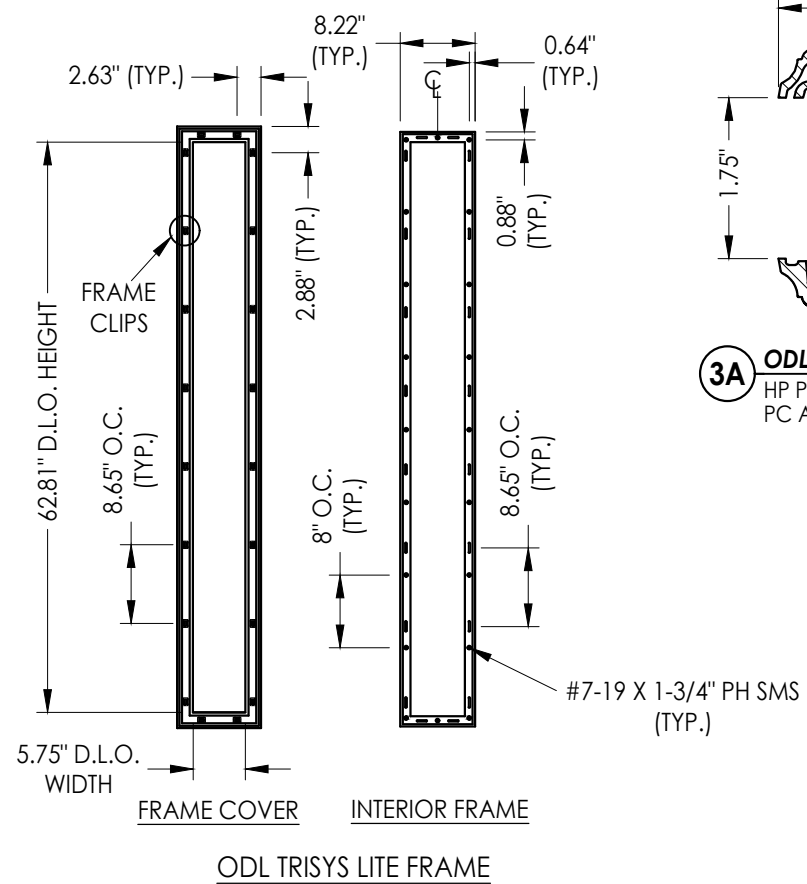
TOM RAIL
(COMP.)

0.93"

2 VERTICAL CROSS SECTION



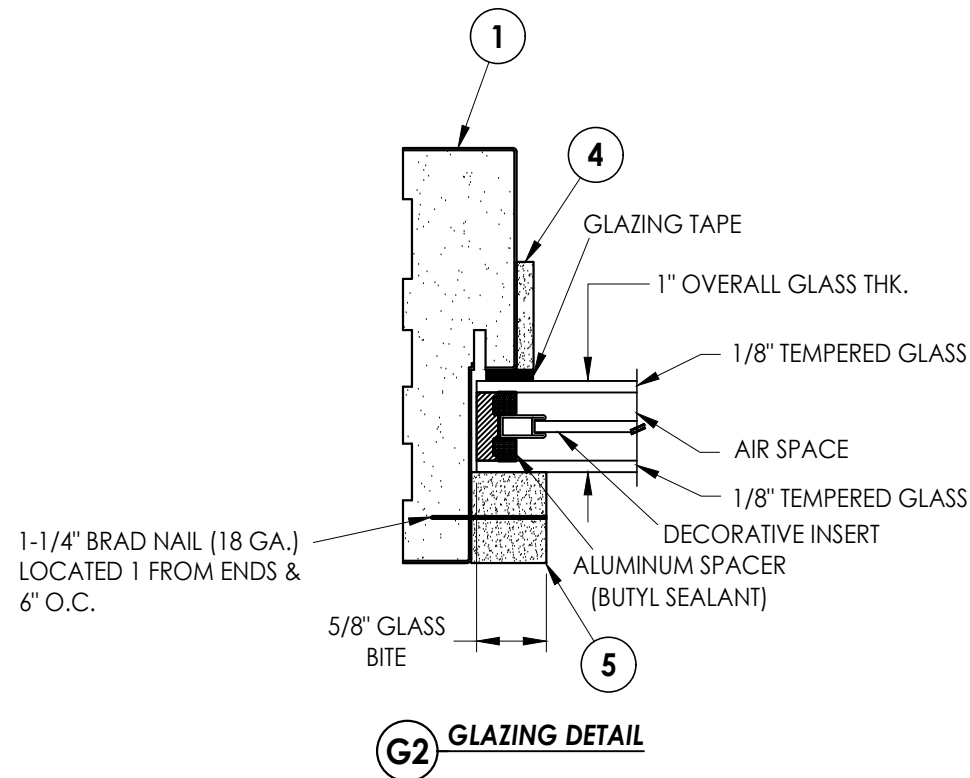
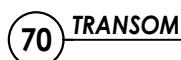
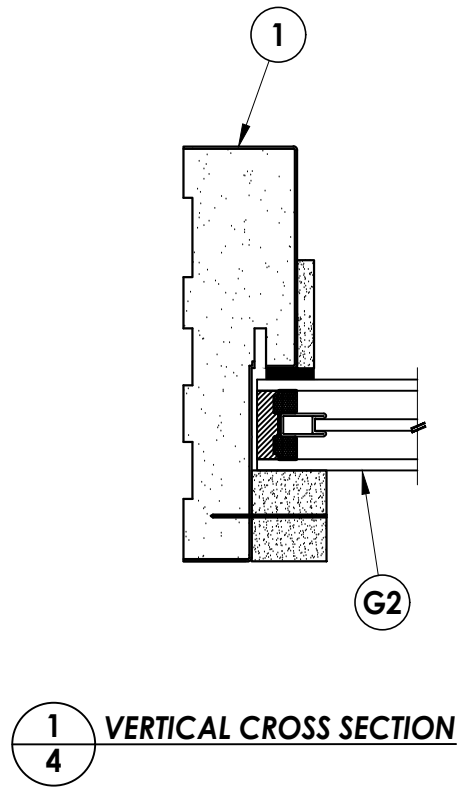
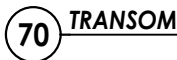
50 **SIDELITE PANEL (FIXED/VENTED)**
Plastpro Fiberglass



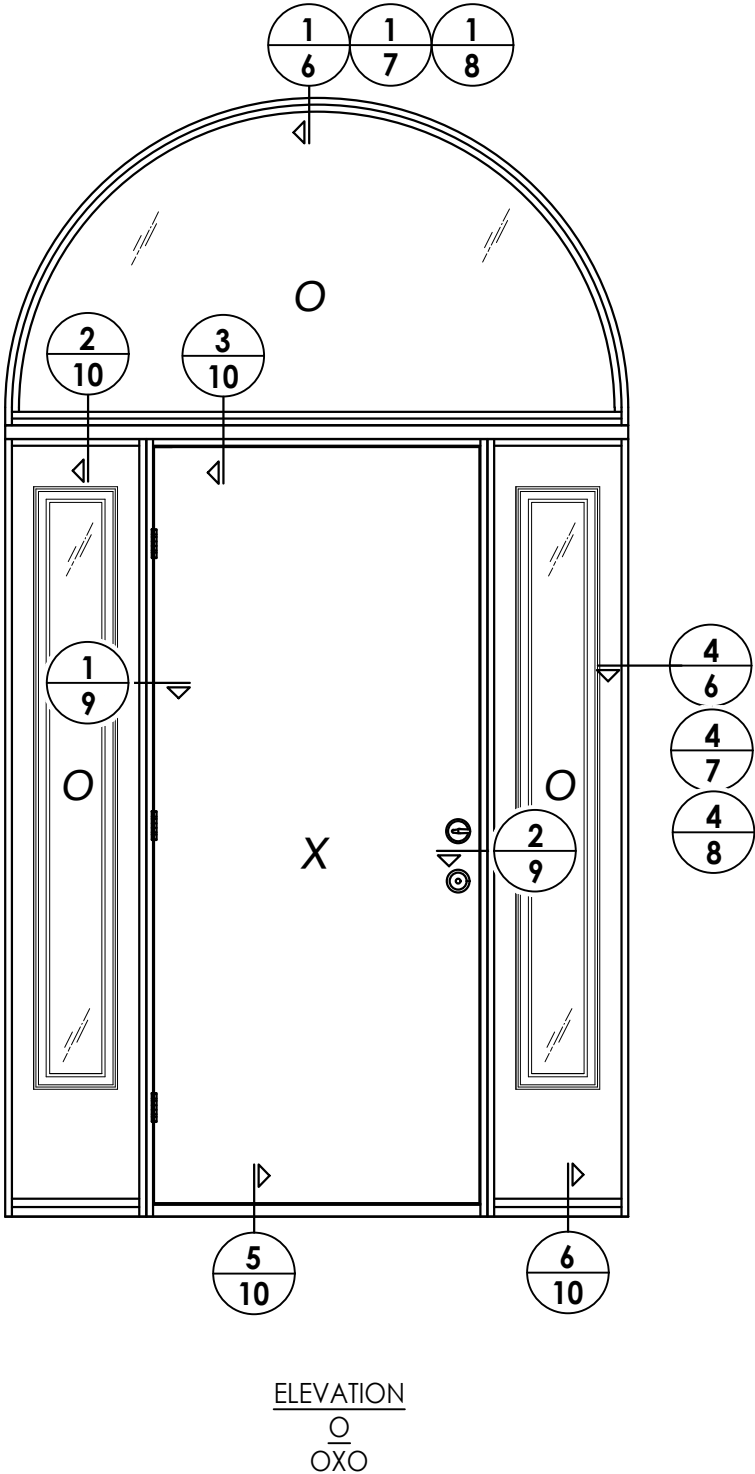
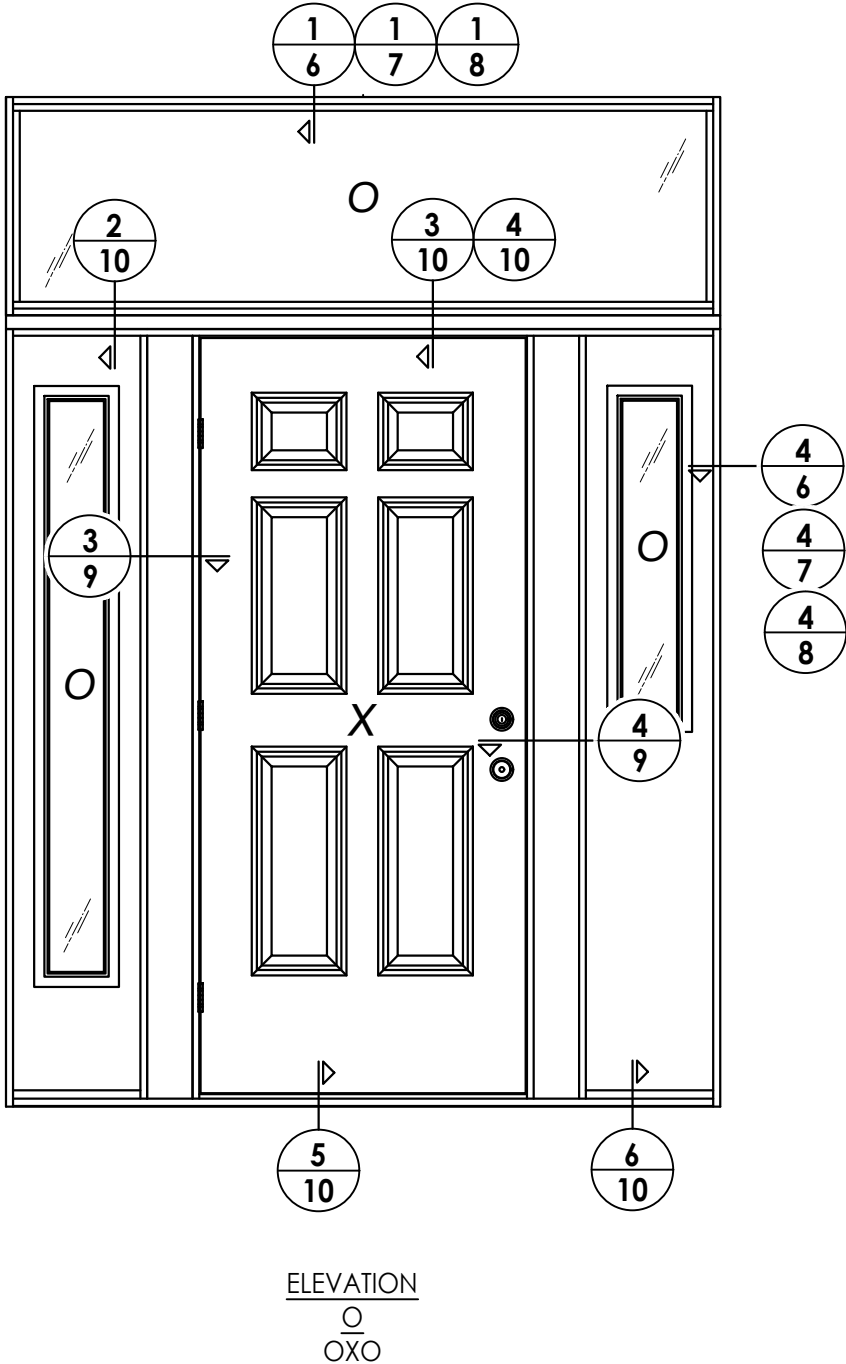
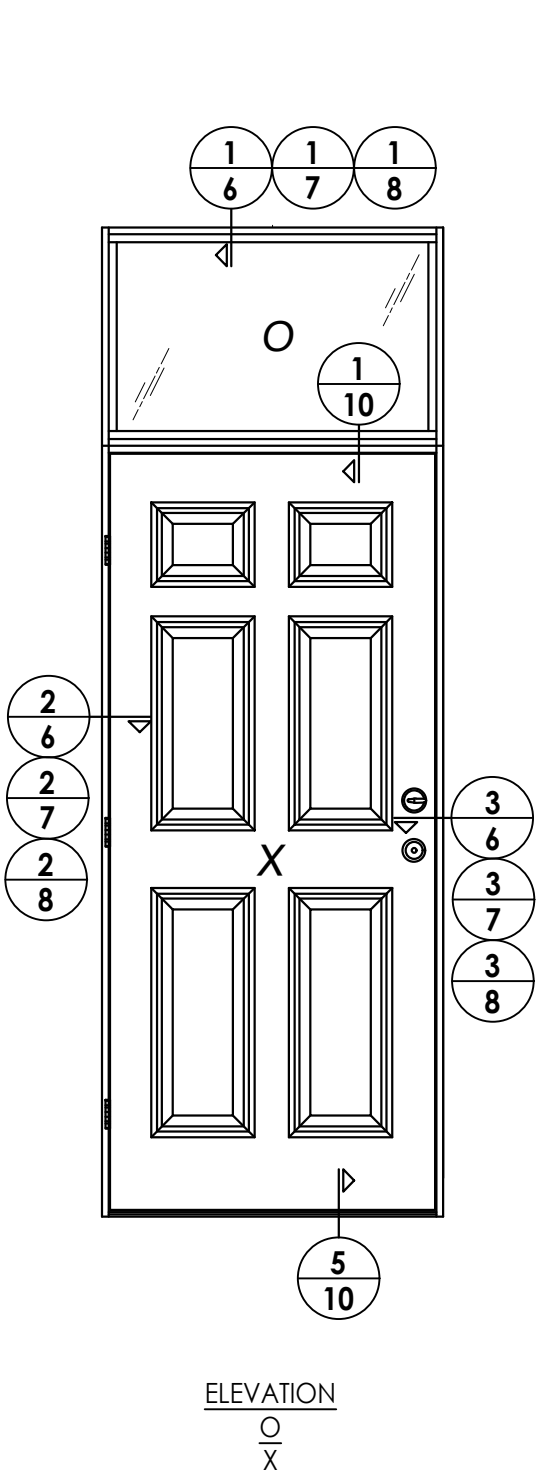
3A **ODL LITE FRAME (TriSys)**
HP Polypropylene (Interior Frame)
PC ABS (Exterior Frame, Frame Cover)

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

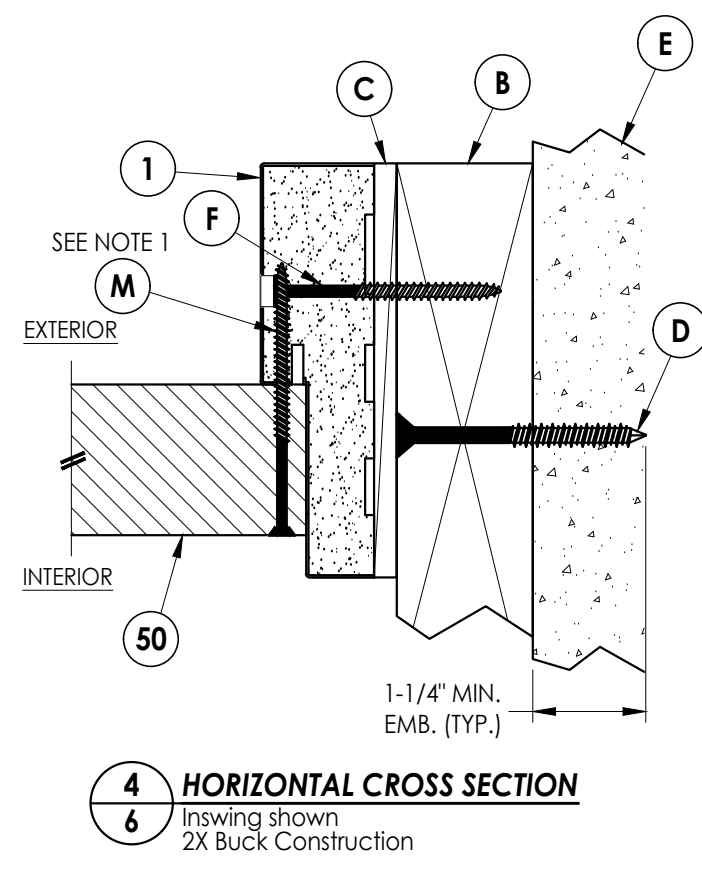
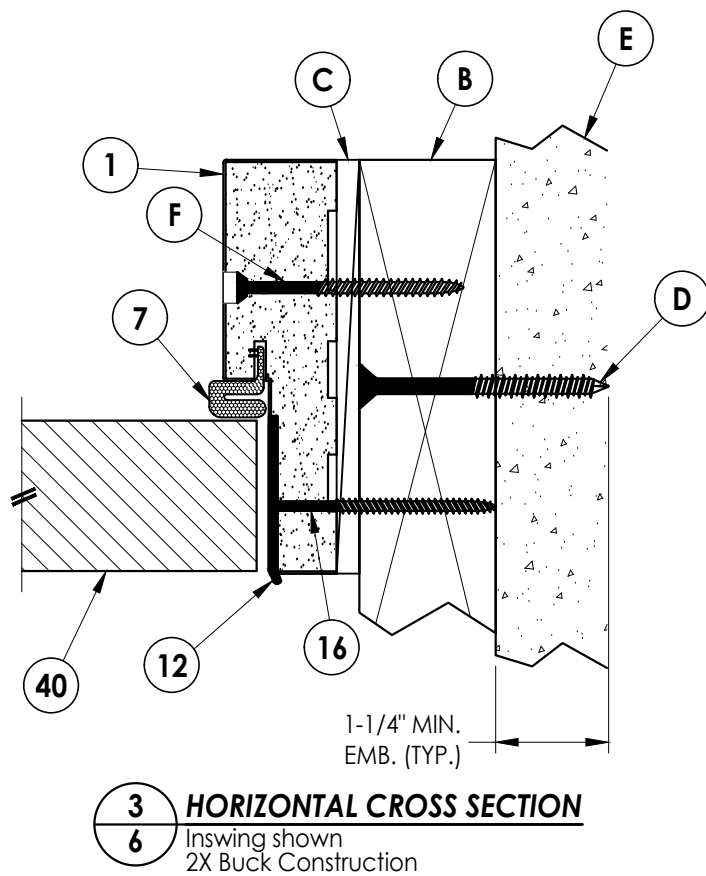
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DATE: 6/03/19		PRODUCT: WINCORE FIBERGLASS DOOR	
SCALE: N.T.S.			
DWG. BY: RW			
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DRAWING NO.: FL-30006.2		PART OR ASSEMBLY: TRANSOM PANEL & GLAZING DETAILS	
SHEET 4 OF 16			



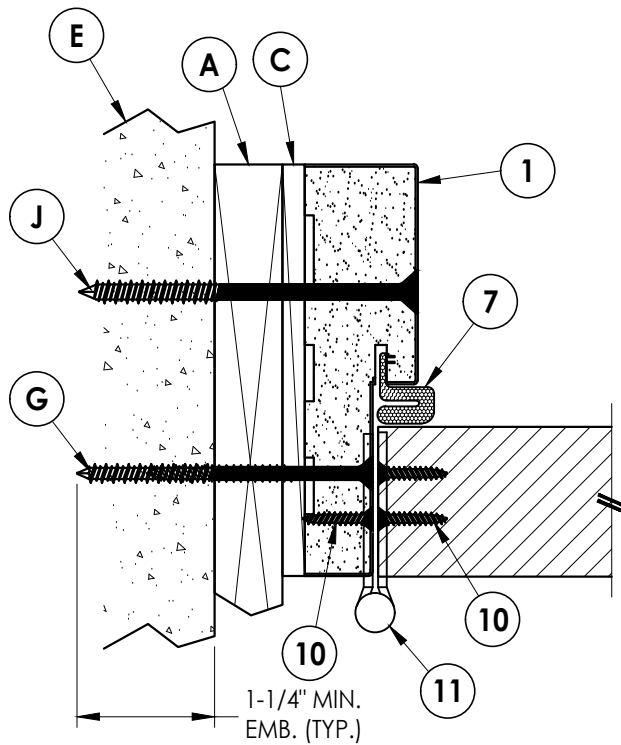
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: WINCORE FIBERGLASS DOOR				PART OR ASSEMBLY: ELEVATIONS			
				LFS			
				FBC			
2	7/06/23	UPDATE TO 8TH ED.		FBC			
1	8/20/20	UPDATE TO 7th ED.		FBC			
NO.	DATE			BY			
REVISIONS							
DATE: 6/03/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.2							
SHEET 5 OF 16							

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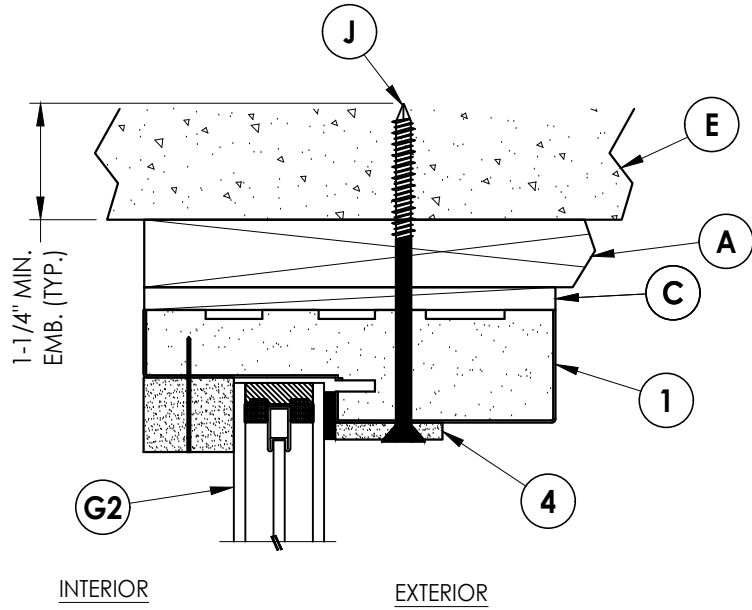
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P.E. No. 43409

RW

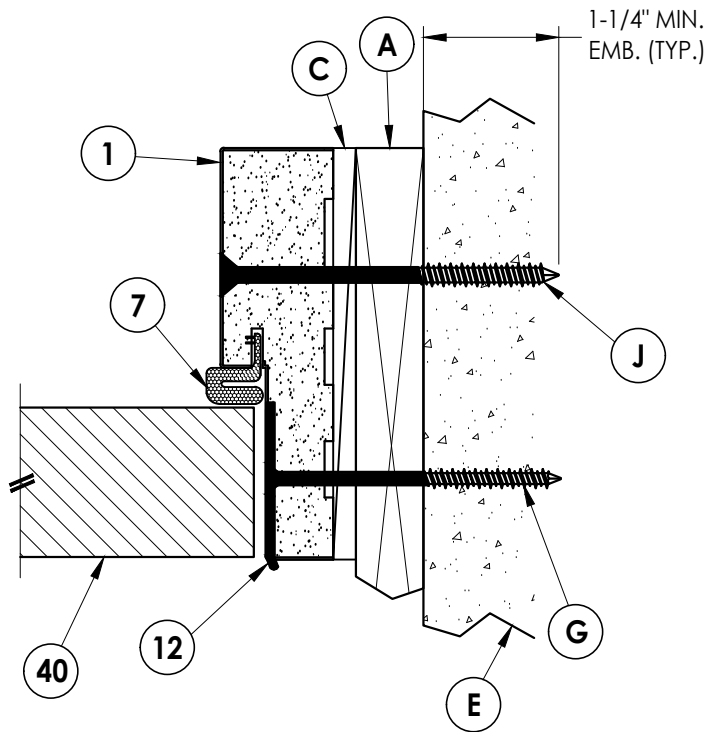
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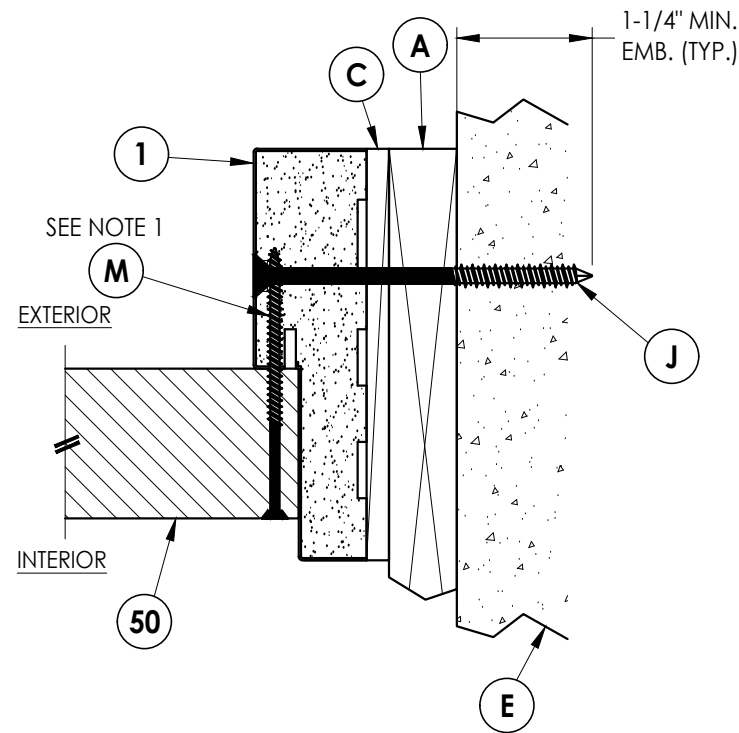
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7 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction



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



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



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

NOTE:
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 (1X BUCK MASONRY)

REVISIONS			
NO.	DATE	BY	
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.

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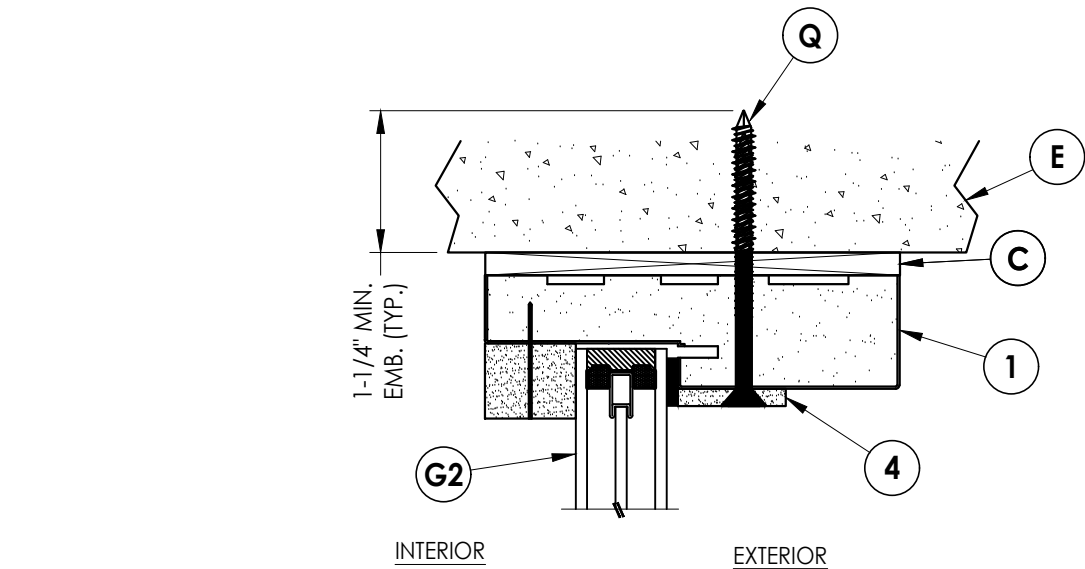
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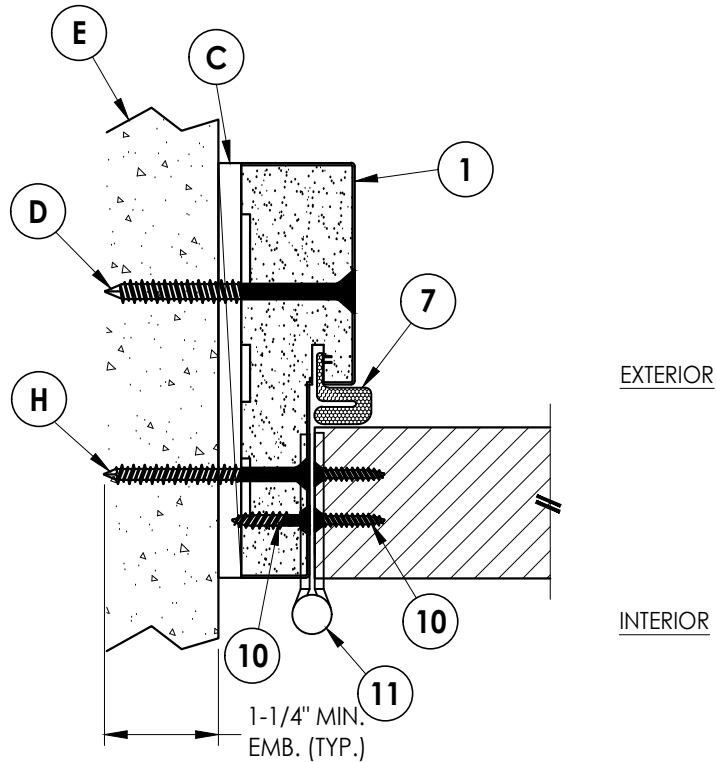
FL-30006.2

SHEET 7 OF 16

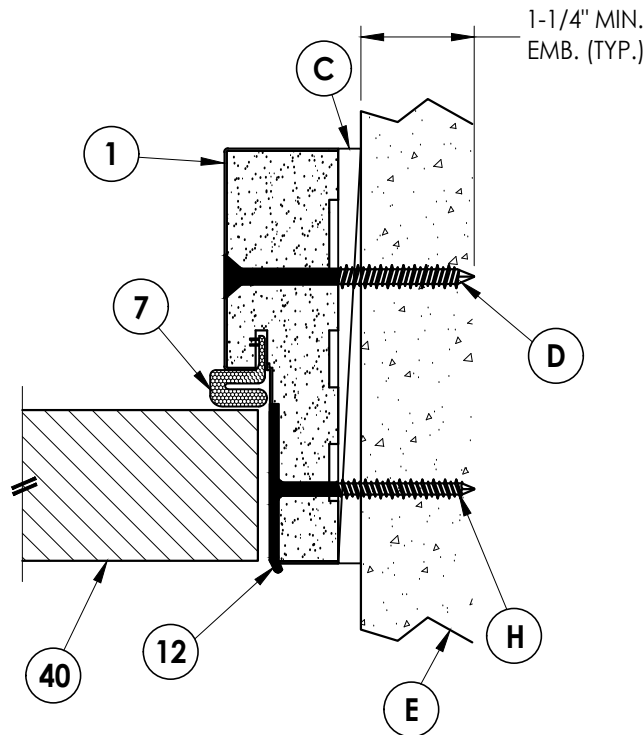
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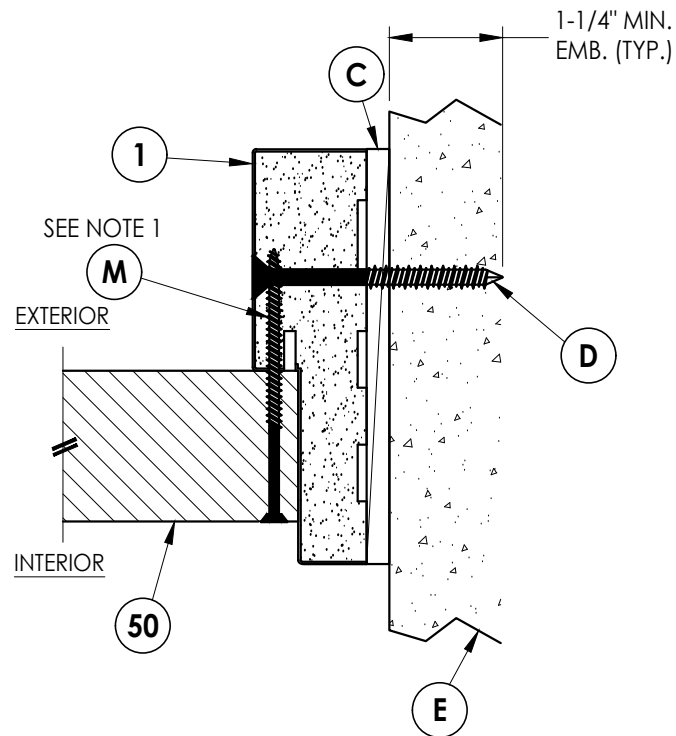
1
8 **VERTICAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



2
8 **HORIZONTAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



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



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

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

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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: 6/03/19

SCALE: N.T.S.

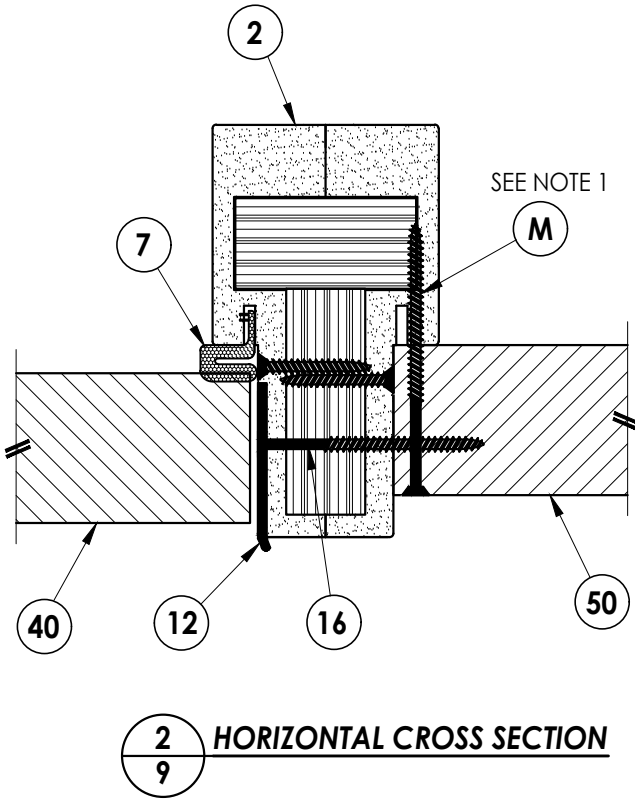
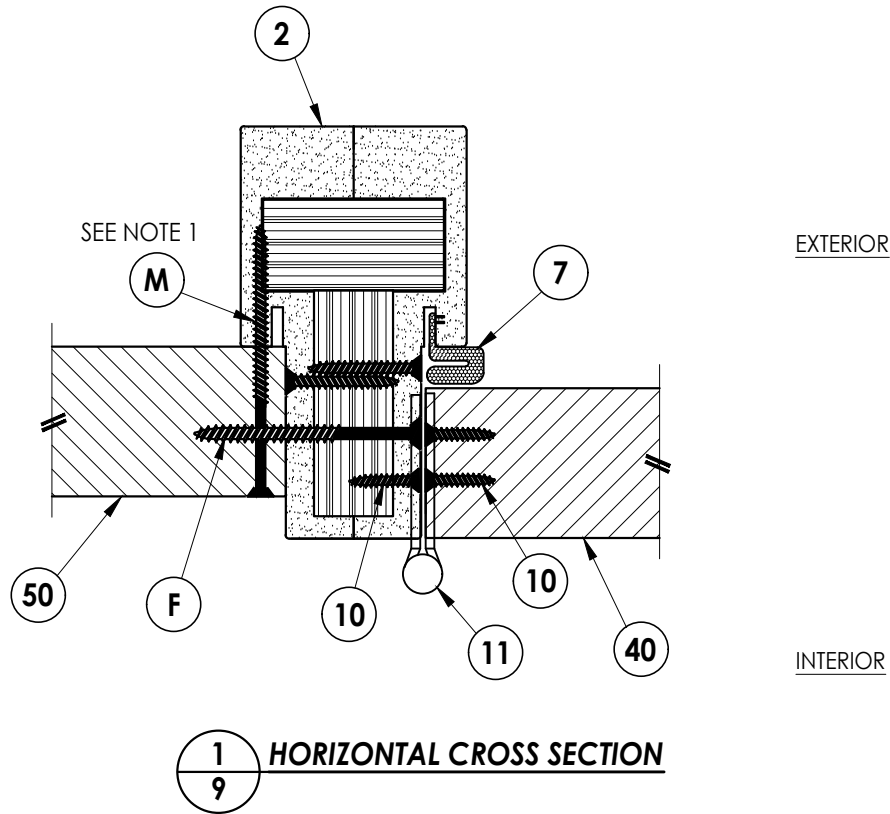
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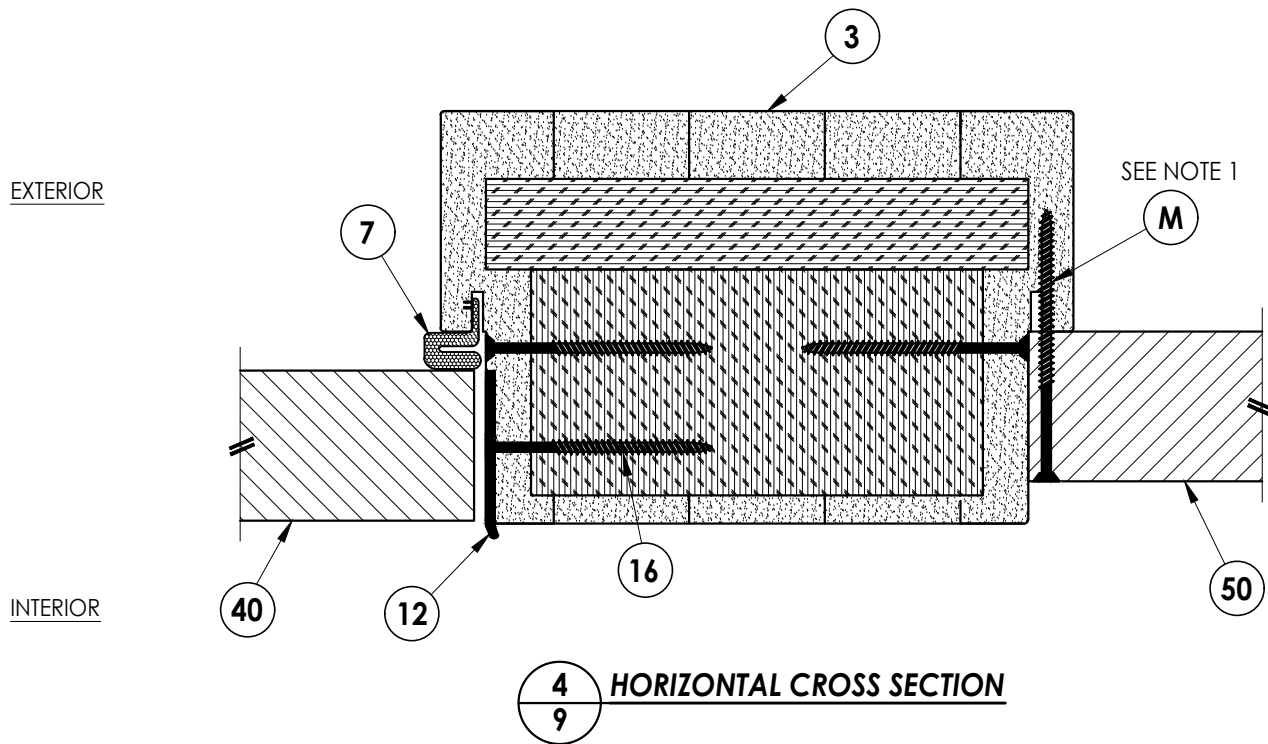
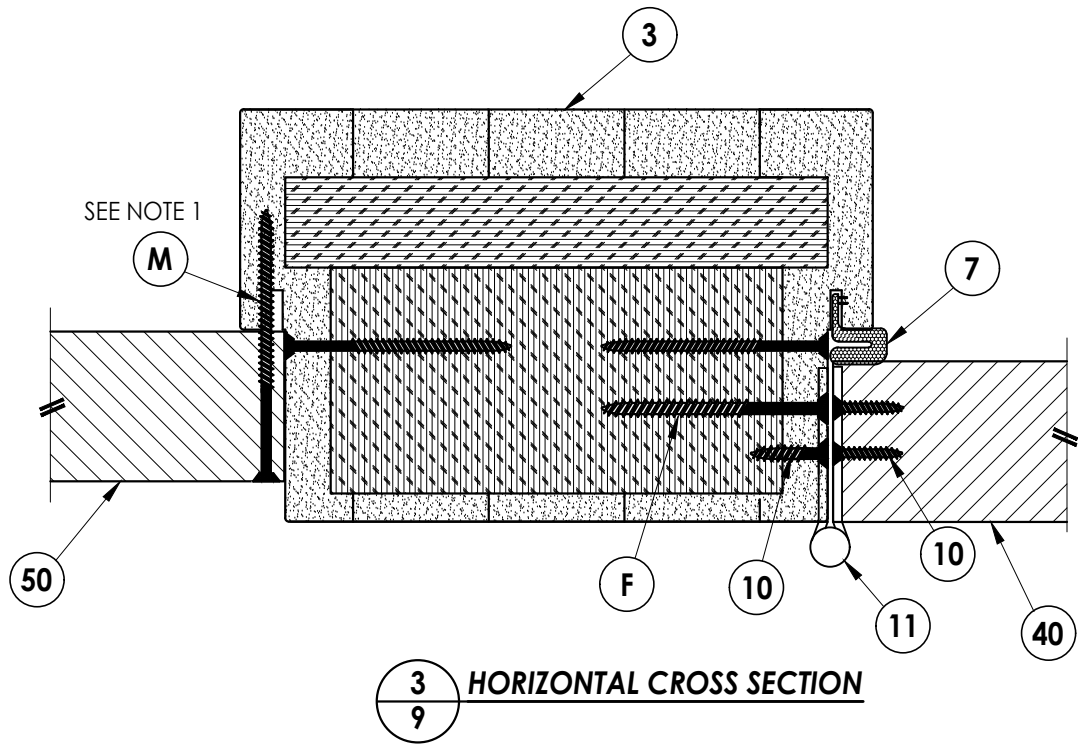
DRAWING NO.: FL-30006.2

SHEET 8 OF 16

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



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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

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: 6/03/19
SCALE: N.T.S.
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SHEET 9 OF 16

This cross-sectional diagram illustrates a building assembly, likely a window or door frame, showing the transition from the interior to the exterior. The assembly consists of several layers and components:

- Interior (Left):** Labeled "INTERIOR" at the bottom.
- Exterior (Right):** Labeled "EXTERIOR" at the bottom.
- Window Frame (50):** A vertical structural element, shown with diagonal hatching, separating the interior and exterior spaces.
- Insulation Layers (51, 52):** Two distinct horizontal layers of insulation, represented by different hatching patterns, located between the window frame and the exterior wall.
- Exterior Wall (1):** The main structural wall on the exterior side, shown with a stippled texture.
- Fasteners (F):** Two vertical screws or bolts are shown passing through the exterior wall (1) and the insulation layers (51, 52) to secure the assembly.
- Glazing (G2):** A glass pane is shown at the top, held in place by a frame (6) and a sealant (F).
- Sealant (F):** A layer of sealant is shown at the top of the window frame, ensuring airtightness.
- Label 6:** Points to the frame or sealant area at the top of the window.

INTERIOR

EXTERIOR

40

8

20

K SEE NOTE 1

1-1/4" MIN.
EMB. (TYP.)

5 VERTICAL CROSS SECTION

Diagram illustrating the vertical cross section of a door threshold assembly, showing the interior and exterior sides.

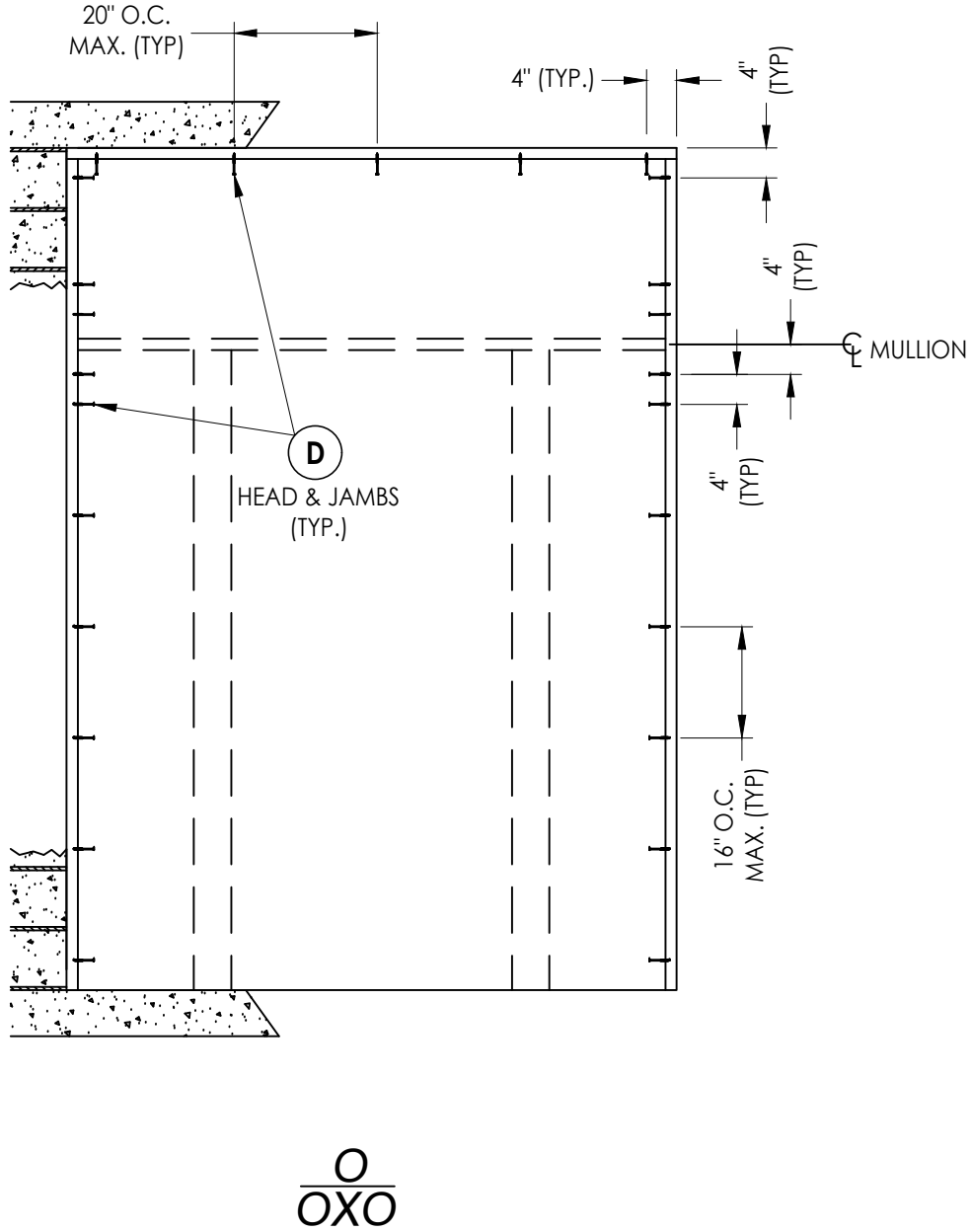
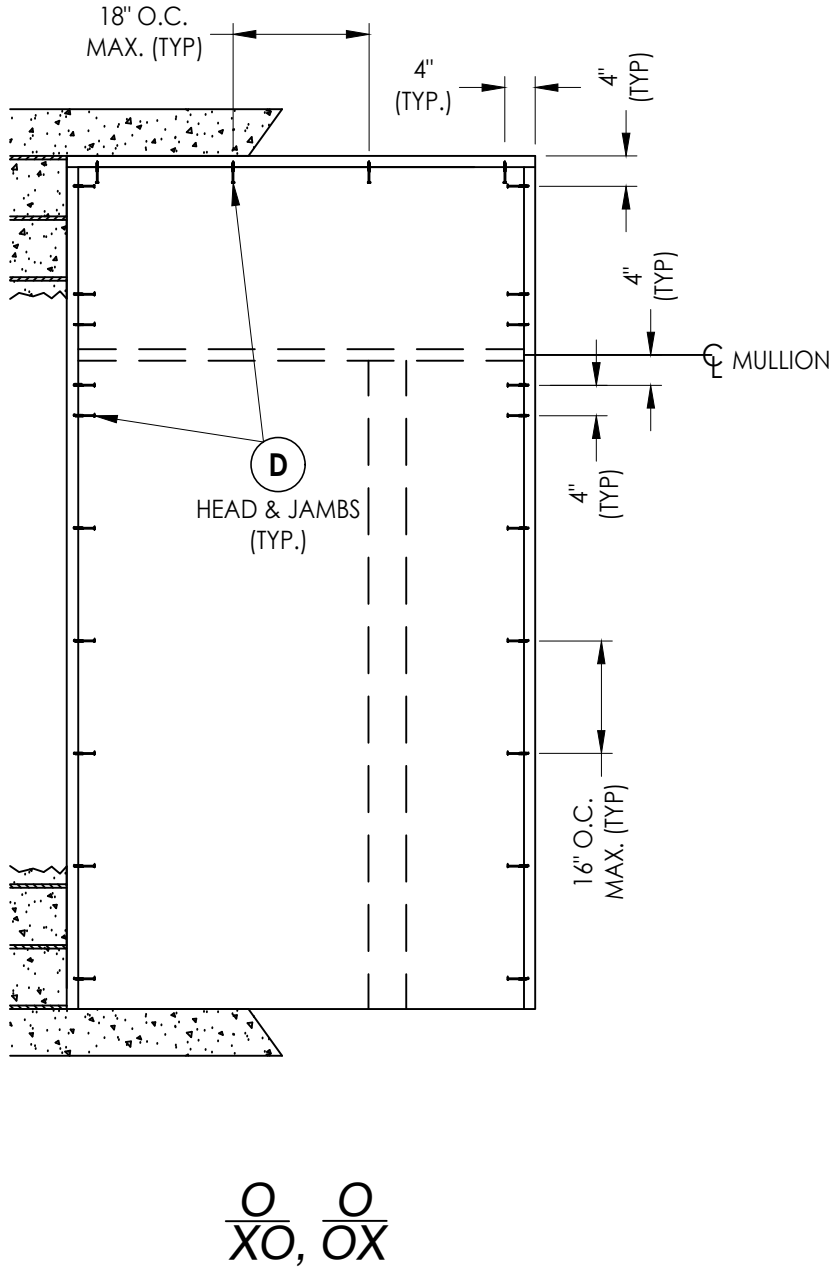
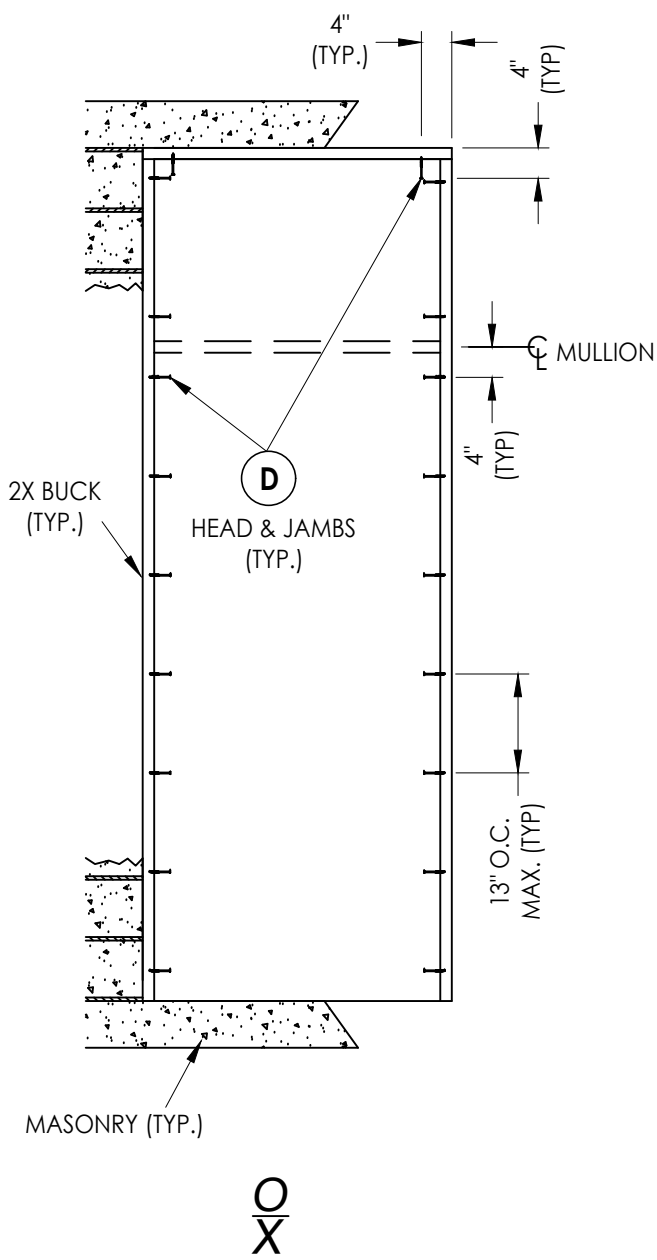
Key components and dimensions:

- 50**: Interior door frame.
- 21**: Exterior door frame.
- K**: Screw securing the threshold into the floor.
- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedment depth into the floor.
- 6 VERTICAL CROSS SECTION**: Title of the diagram.

NOTE:

1. Anchor is not required for single door without sidelites.

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2X BUCK ANCHORING

DATE: 6/03/19

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FL-30006.2

SHEET 11 OF 16

PRODUCT:
WINCORE
FIBERGLASS DOOR

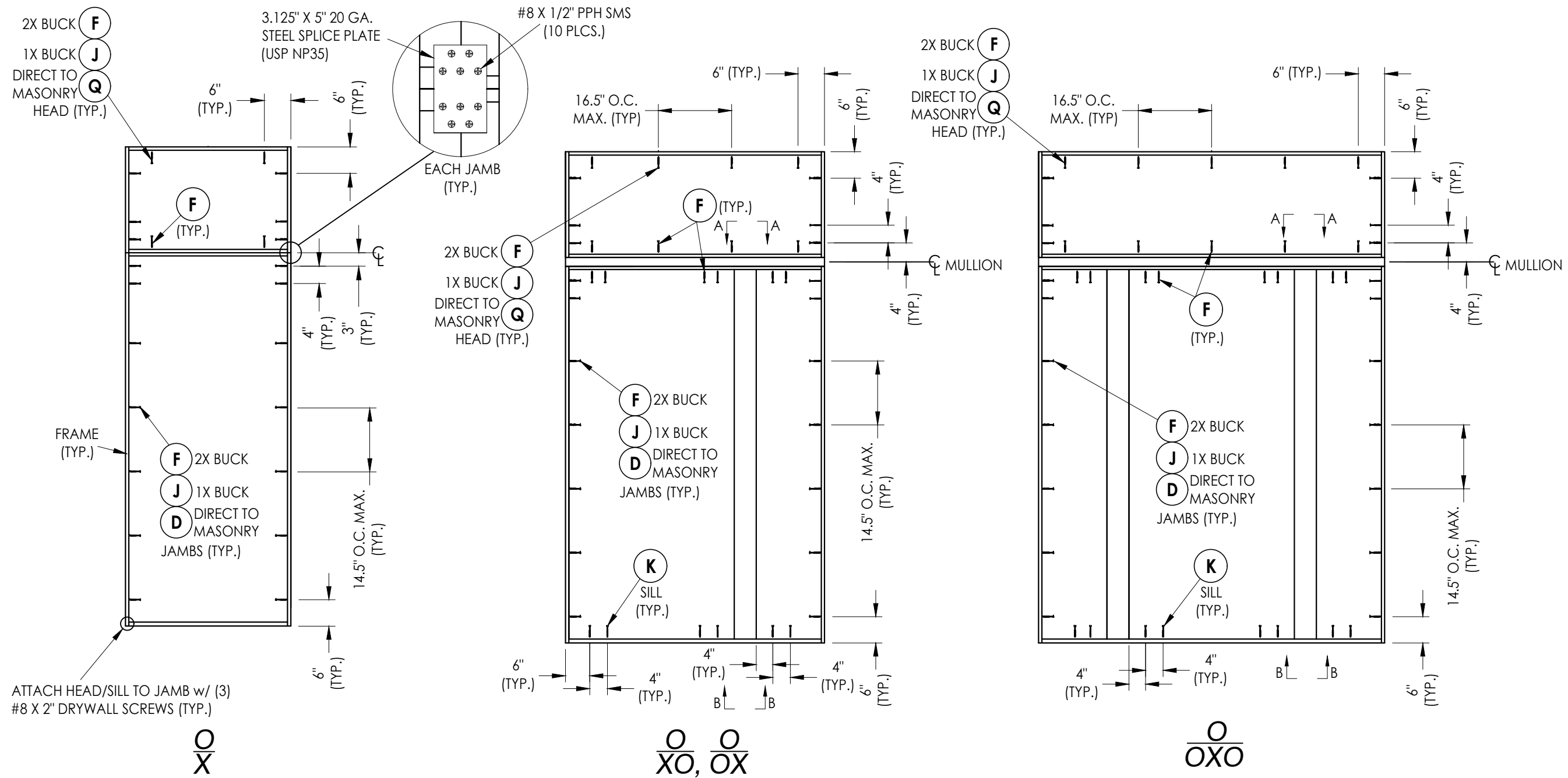
PART OR ASSEMBLY:
BUCK ANCHORING

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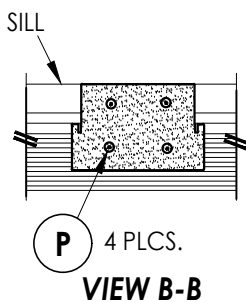
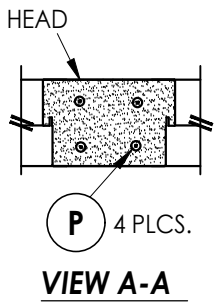
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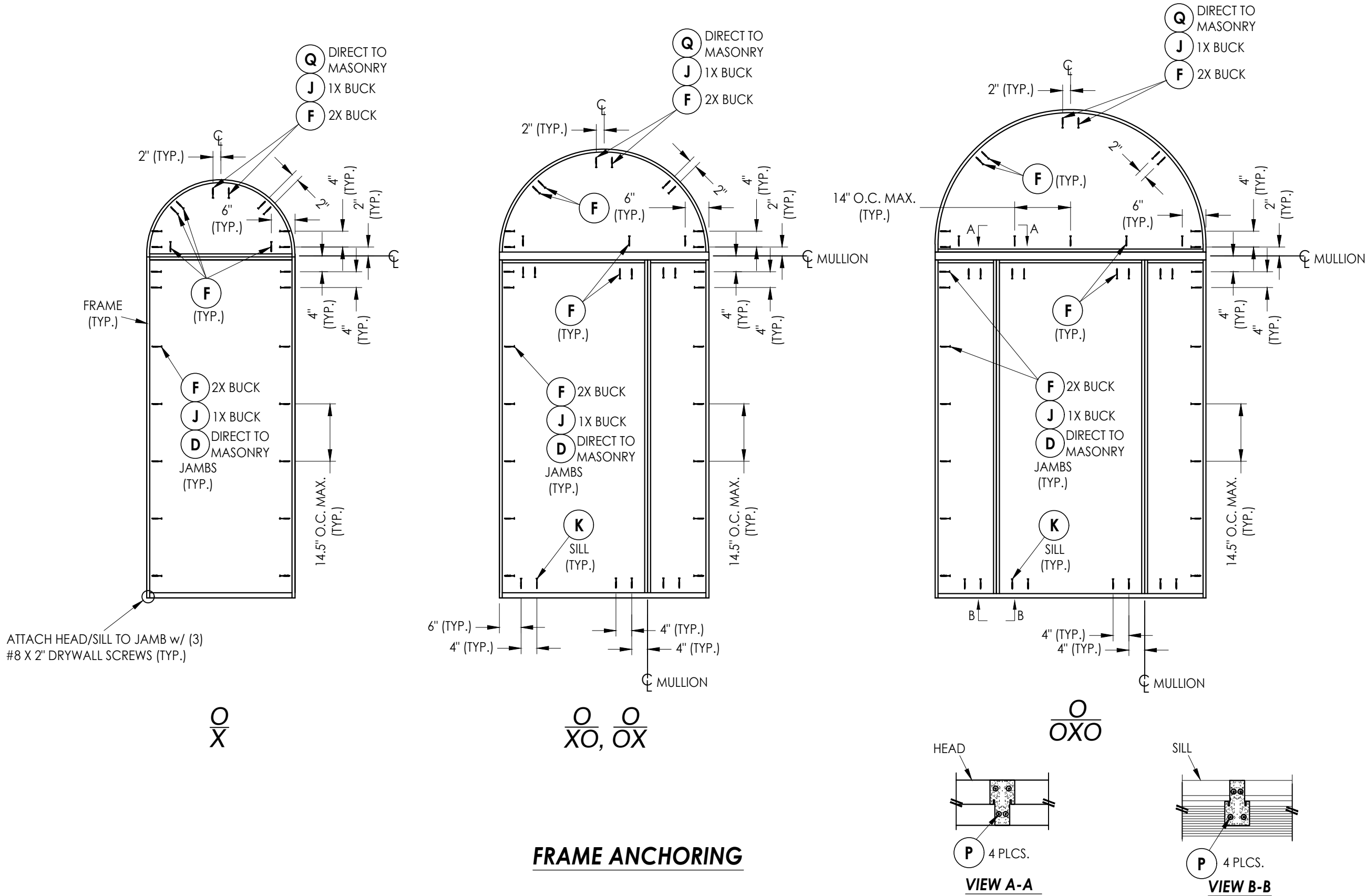


FRAME ANCHORING

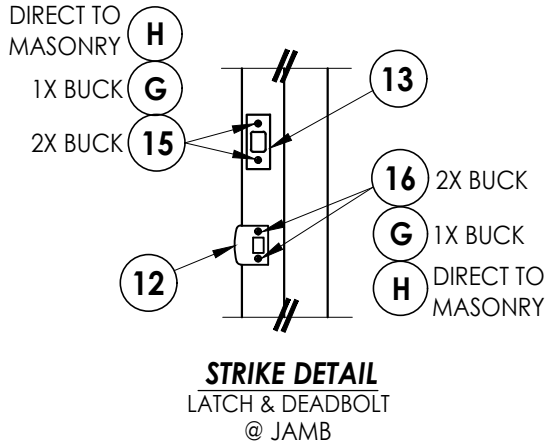
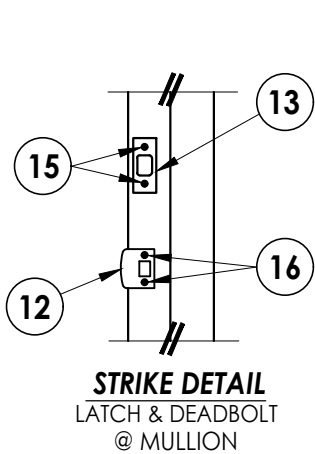
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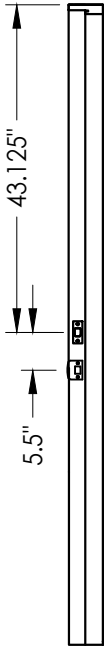
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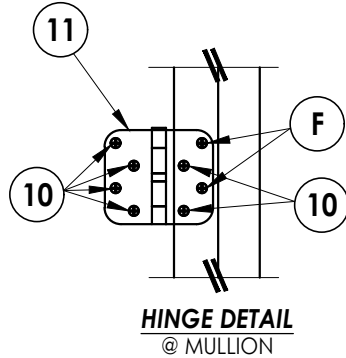
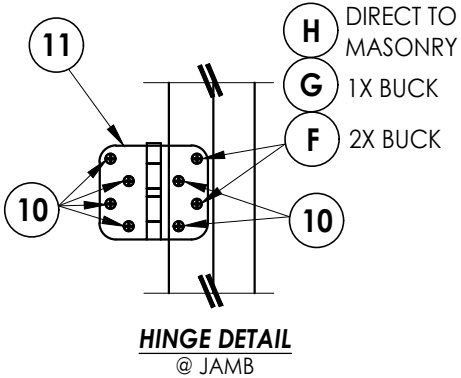
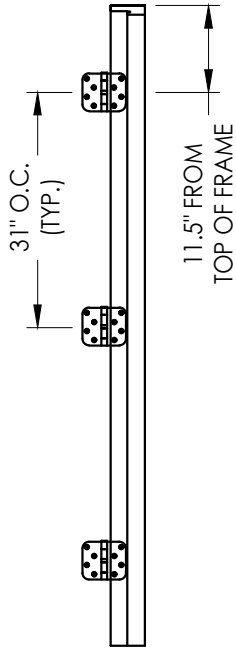
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PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
			LFS
			DATE: 6/03/19
			SCALE: N.T.S.
			DWG. BY: RW
			CHK. BY: LFS
			DRAWING NO.: FL-30006.2
			SHEET 14 OF 16



STRIKE JAMB/MULLION
Latch & Deadbolt



HINGE JAMB



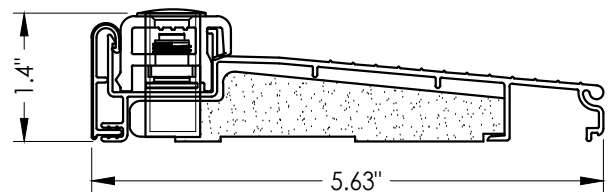
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SCALE:	N.T.S.	
DWG. BY:	RW	
CHK. BY:	LFS	
DRAWING NO.:	FL-30006.2	
SHEET	15	OF 16

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

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

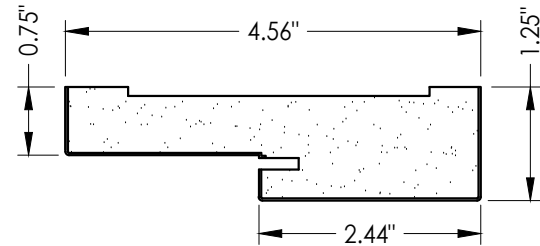
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REVISIONS	
2	7/06/23 UPDATE TO 8TH ED. (2023) FBC LFS
1	8/20/20 UPDATE TO 7th ED. (2020) FBC DAC
NO.	DATE BY

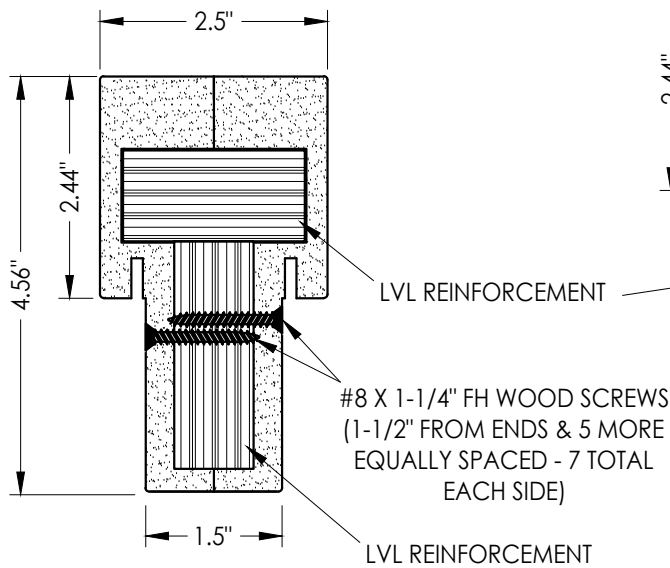


Technical drawing of a stepped block. The overall width is 4.56". The width of the bottom section is 2.44". The height of the block is 0.75". The height of the rightmost section is 1.25".

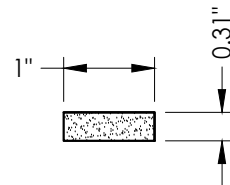
1 POLY FIBER JAMB



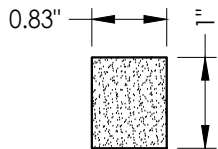
6 TRANSOM JAMB



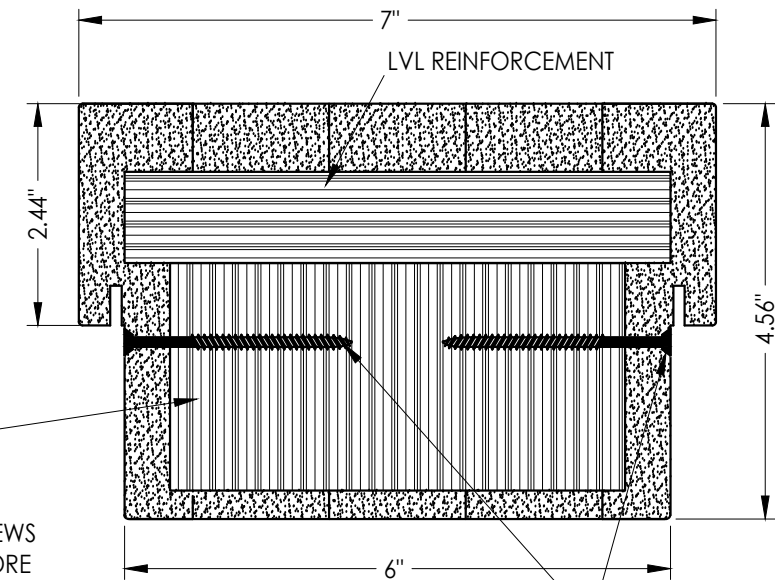
2 INTEGRAL MULLION



4 POLY FIBER MOLDING



5 POLY FIBER GLAZING BEAD



3 INTEGRAL MULLION

#10 X 2-1/2" FH WOOD SCREWS
(3" FROM ENDS & 5 MORE
EQUALLY SPACED - 7 TOTAL
EACH SIDE)

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"

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

[illegible]