



250 Staunton Turnpike, Parkersburg, WV 26104

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

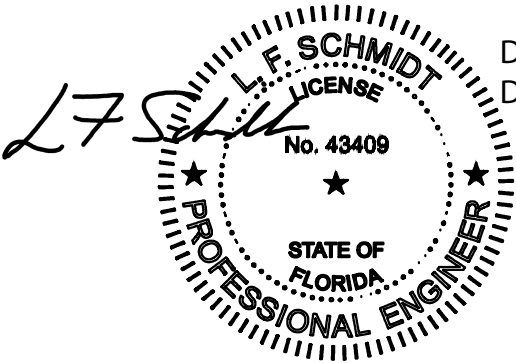
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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.

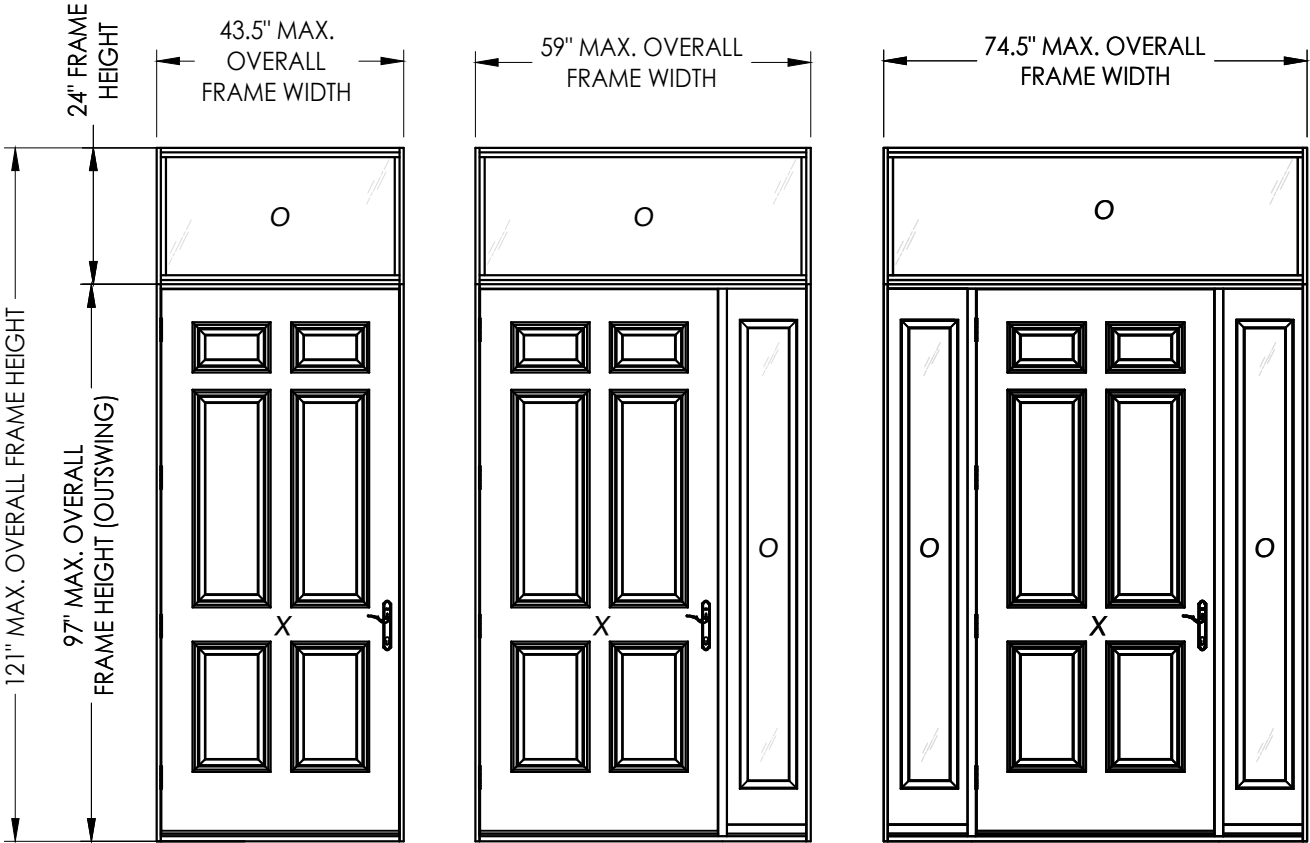
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2	Door Panel Details
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4	Transom Panel & Glazing Details
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6	Vertical & Horizontal Cross Sections (2X Buck Masonry)
7	Vertical & Horizontal Cross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



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:04:56 -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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION (OUTSWING)	DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE
	43.5" x 121.0"	+45.0	-45.0
	59.0" x 121.0"	+45.0	-45.0
	74.5" x 121.0"	+45.0	-45.0

SEE SHEET 2 FOR HARDWARE DESIGN PRESSURE LIMITATIONS

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

WINCORE
FIBERGLASS DOOR

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

27/06/23
UPDATE TO 8TH ED. (2023) FBC

18/20/20
UPDATE TO 7th ED. (2020) FBC

NO. DATE

REVISIONS

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.10

SHEET 1 OF 13

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41.75" MAX. PANEL WIDTH

95" MAX. PANEL HEIGHT

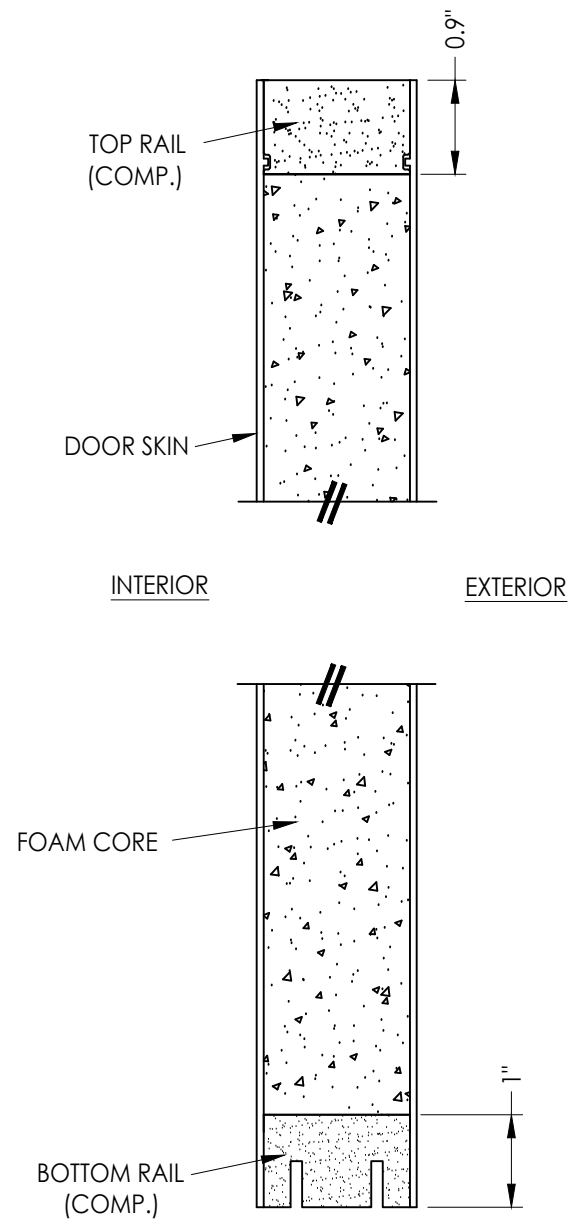
1
2

X

2
2

SEE DOOR LOCK HARDWARE TABLE

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



2 VERTICAL CROSS SECTION

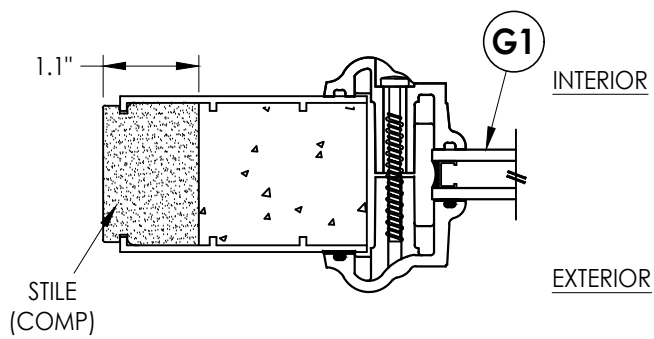
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P.E. No. 43409

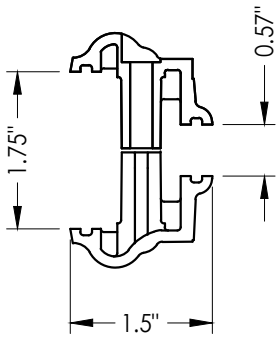
RW
BUILDING CONSULTANTS, INC.
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Phone No. 813 659 9197

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Phone No.: 813.659.9197
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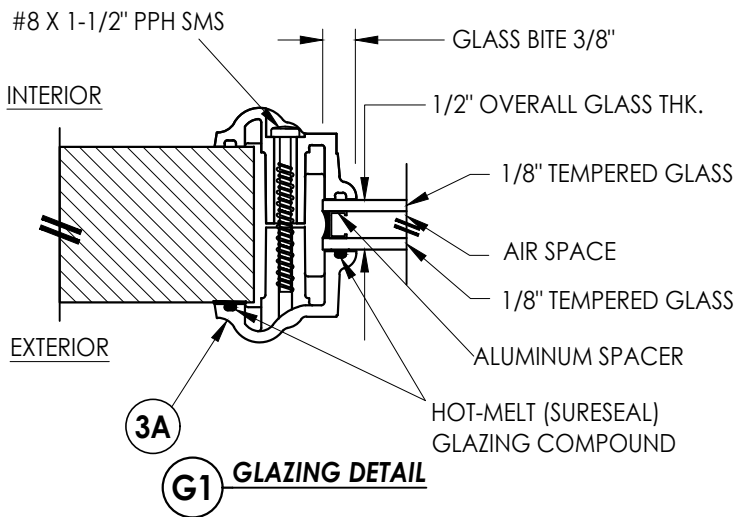
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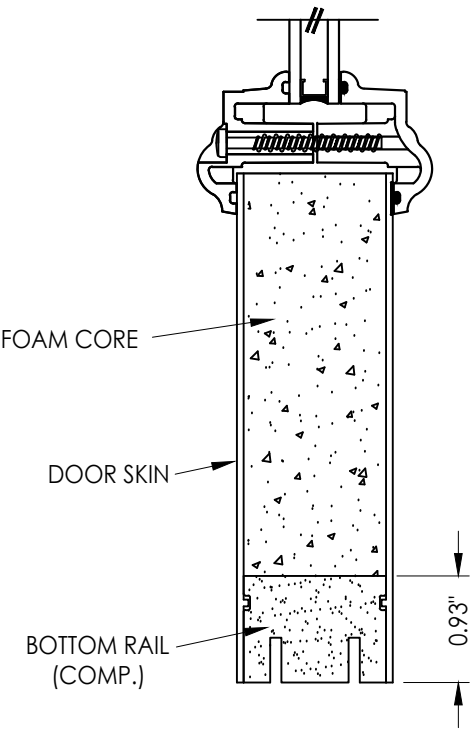
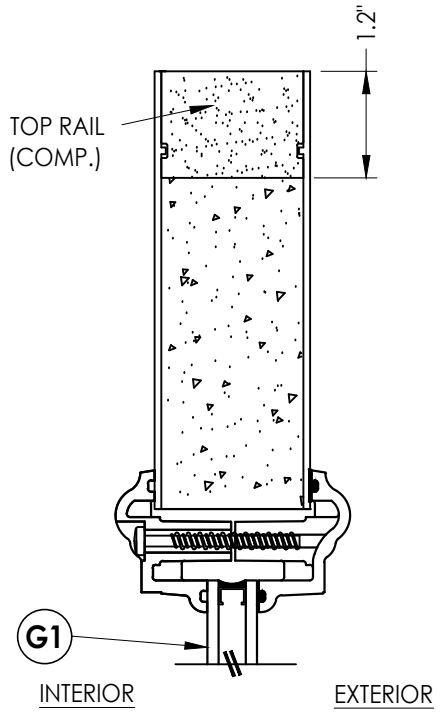
1 **HORIZONTAL CROSS SECTION**
3



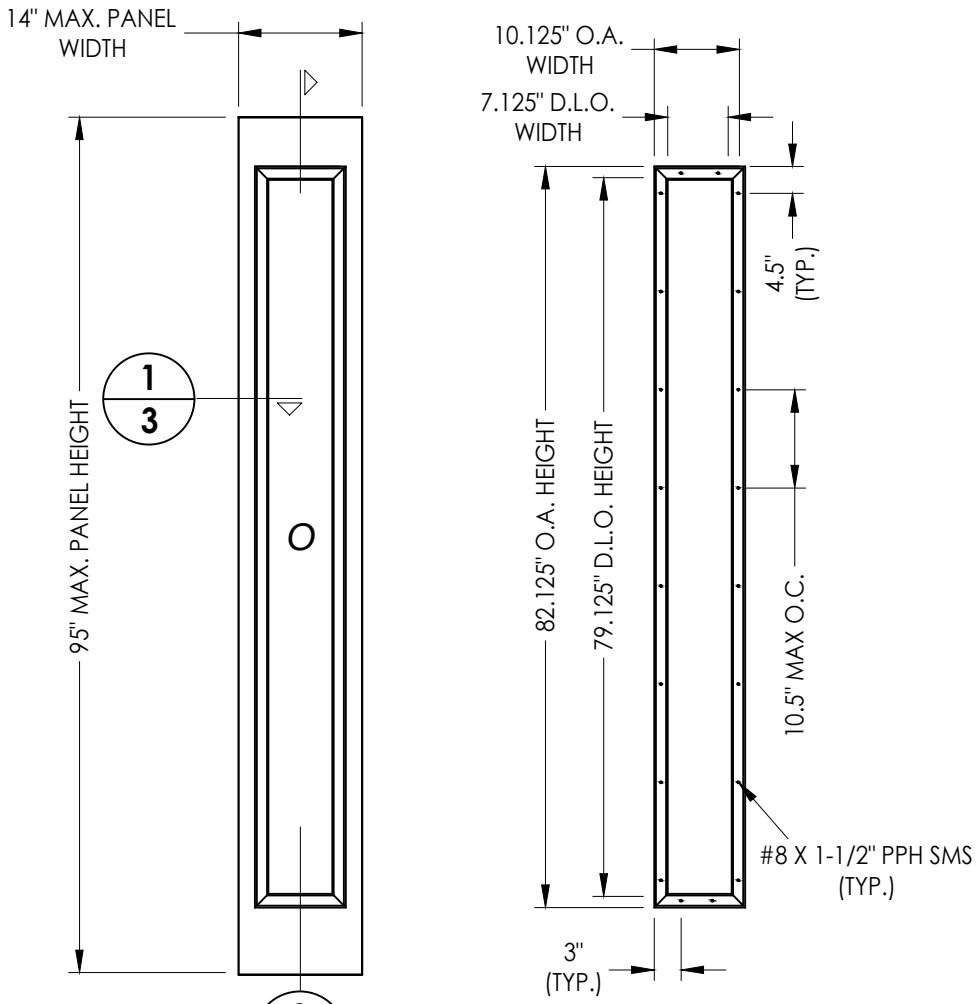
3A ODL LITE FRAME
HP Polypropylene



G1 GLAZING DETAIL



2 VERTICAL CROSS SECTION



ODL LITE FRAME

50 SIDELITE PANEL (VENTED)
Plastpro Fiberglass

[illegible]

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: *RW*

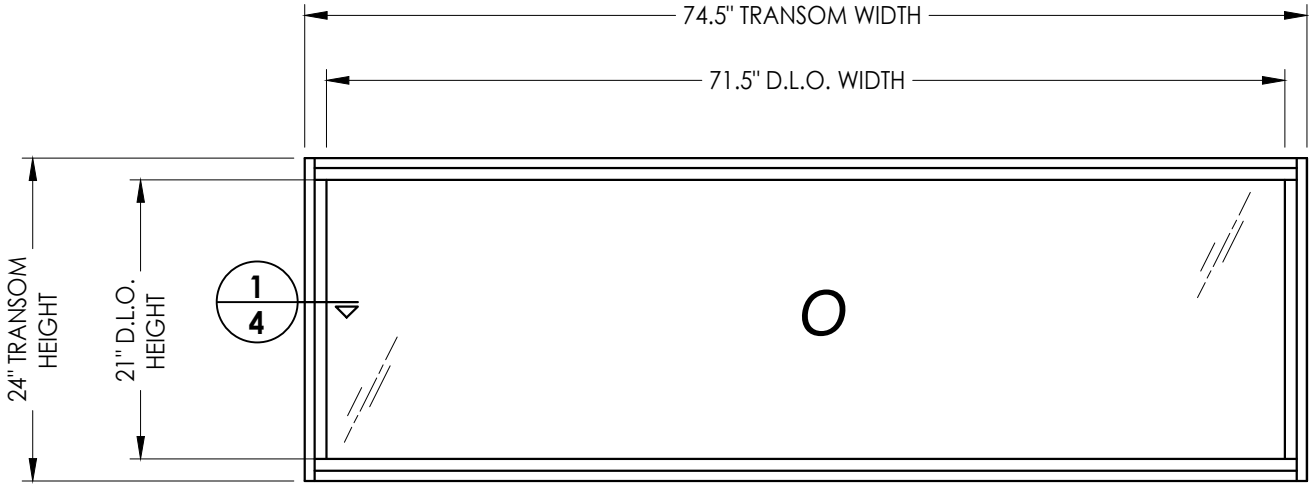
CHK. BY: LFS

DRAWING NO.:
FL-30006.10

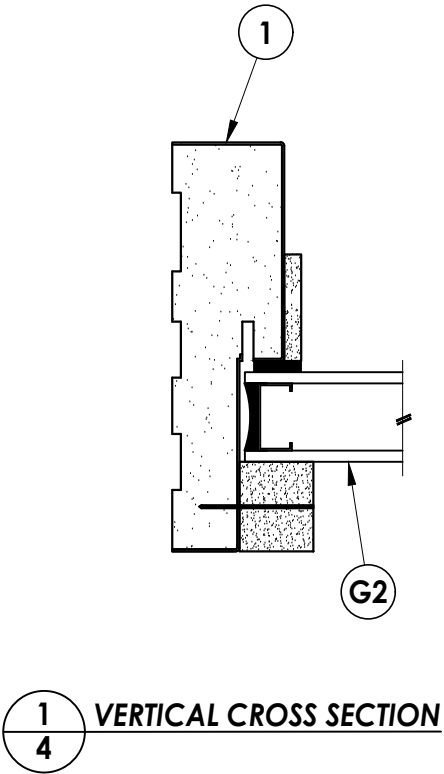
SHEET 3 OF 13

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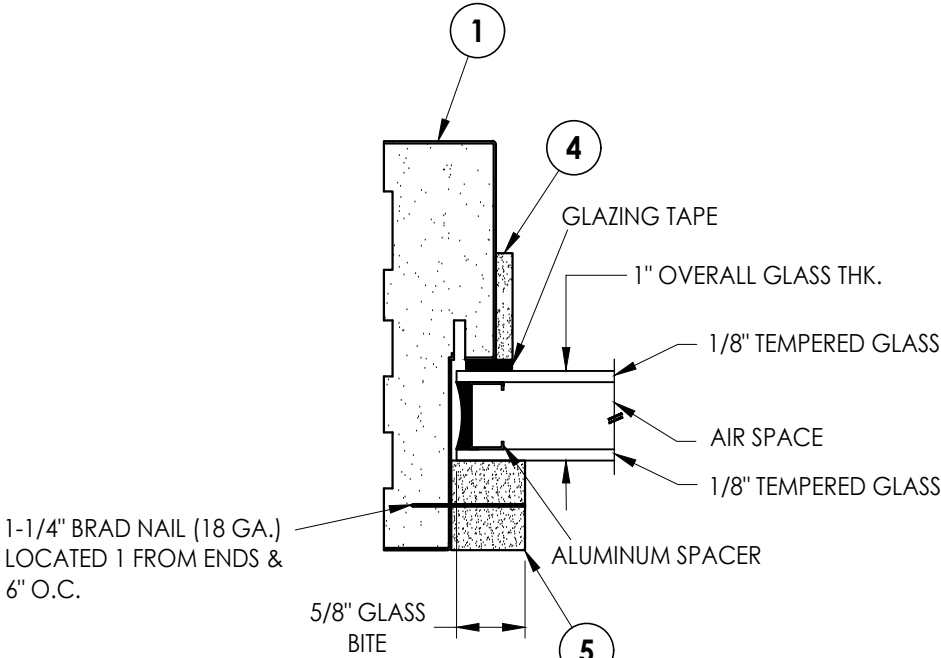
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70 TRANSOM

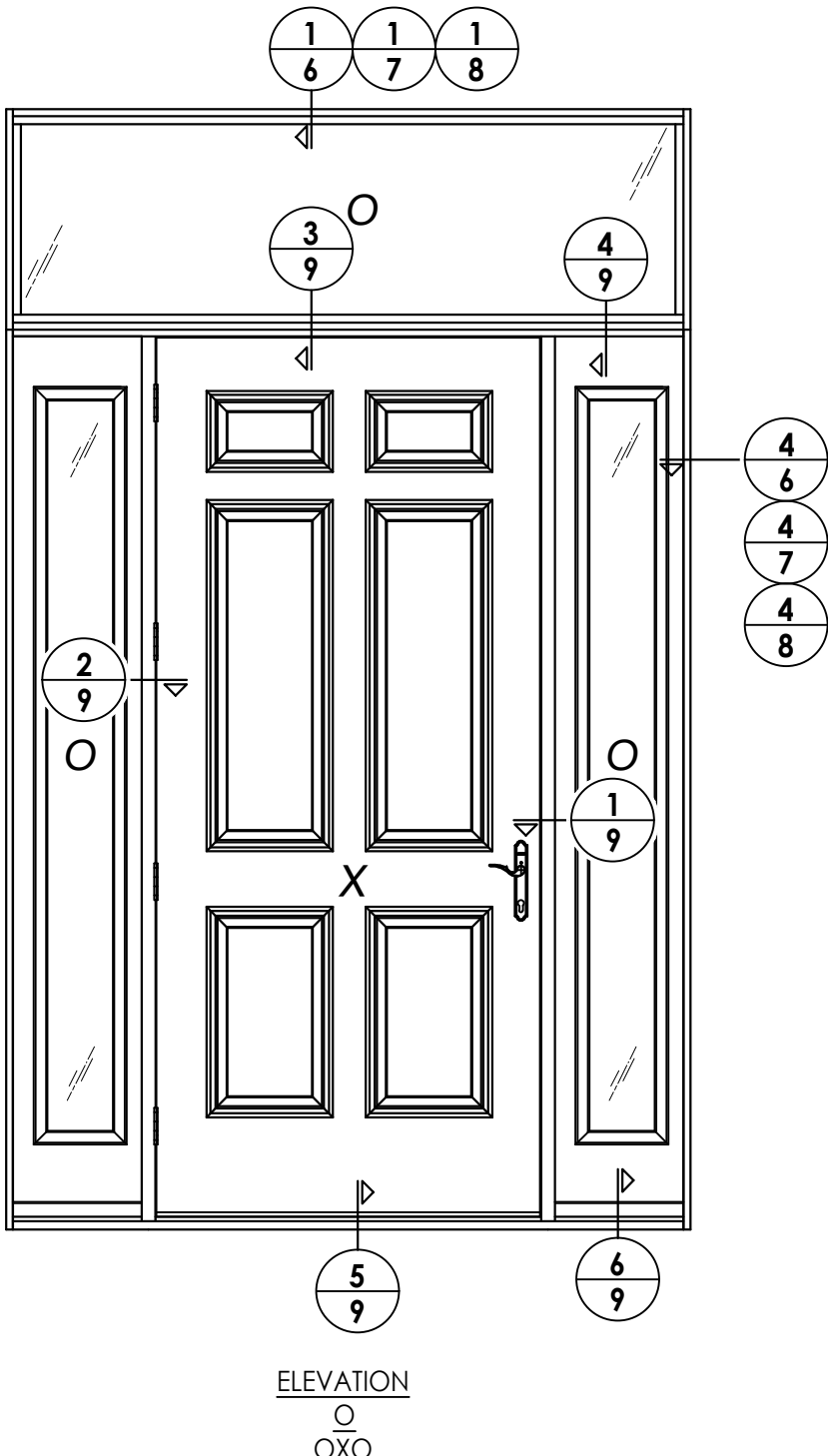
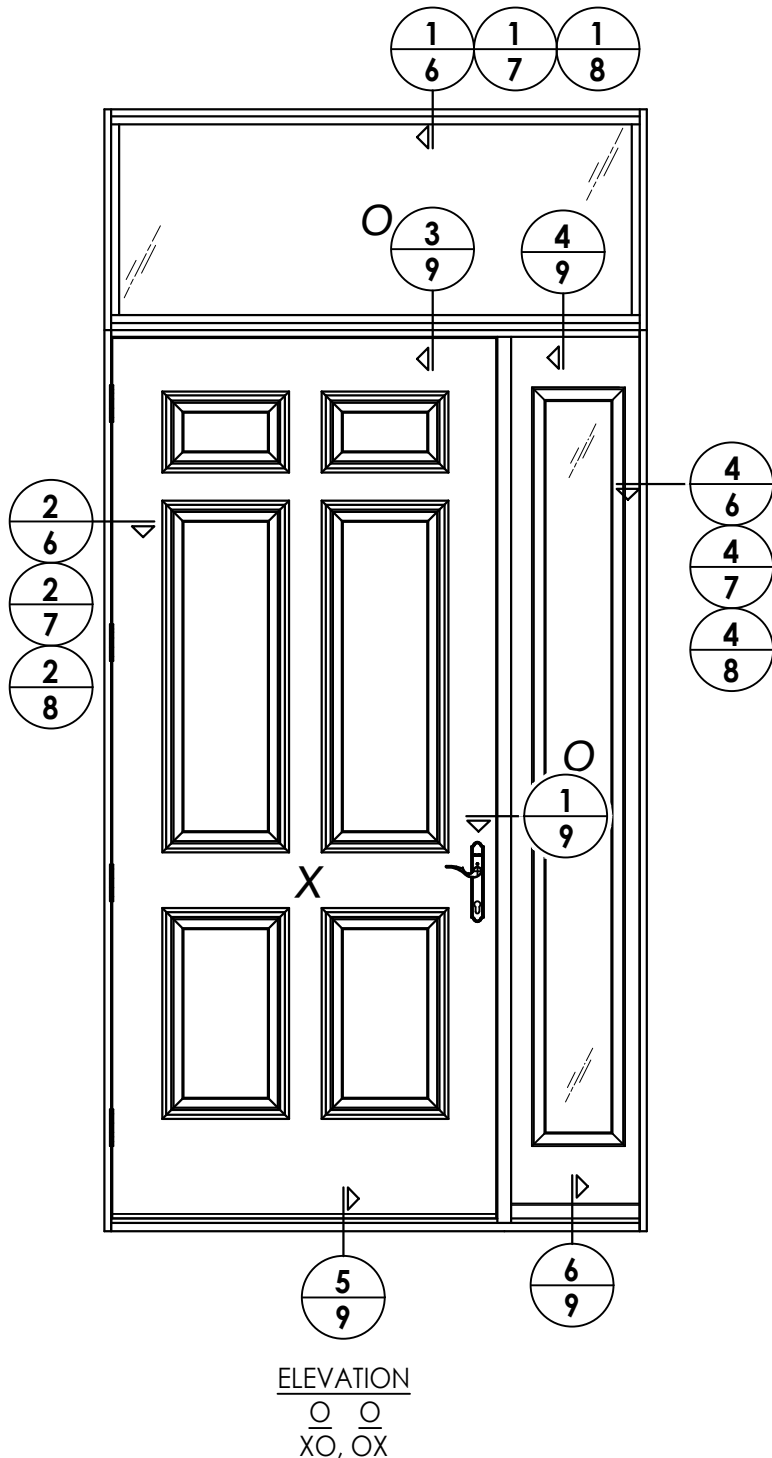
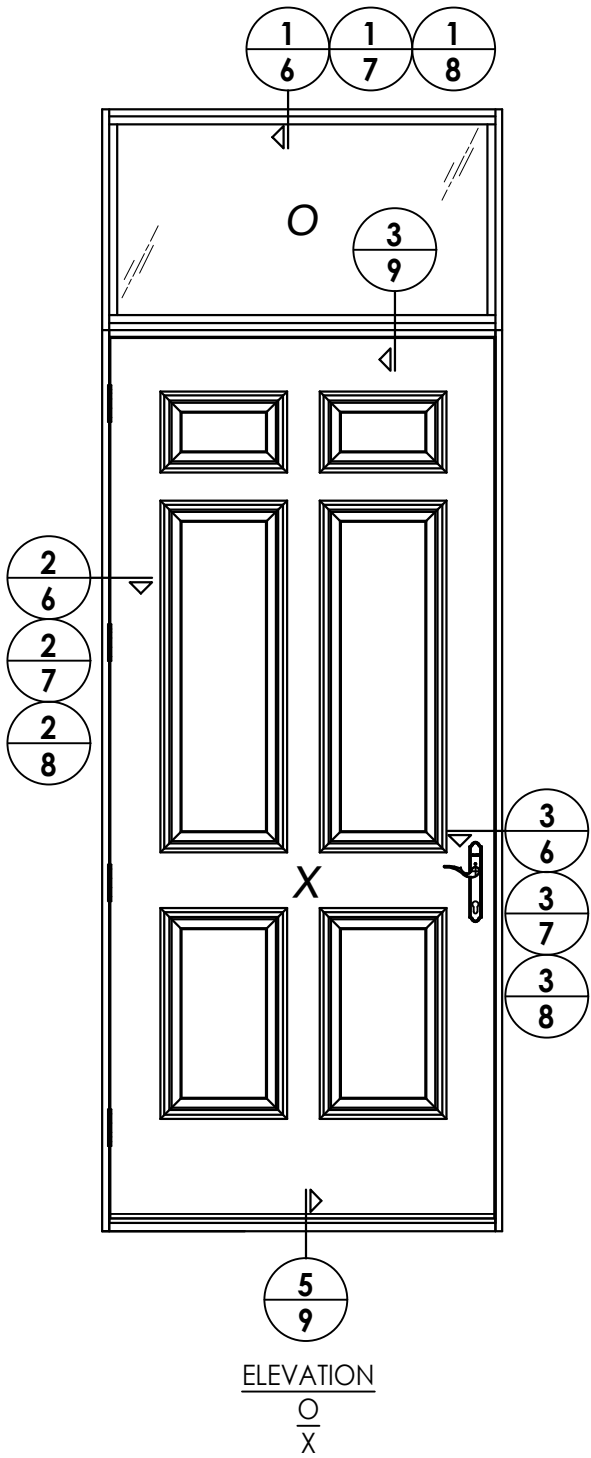


1 4 VERTICAL CROSS SECTION

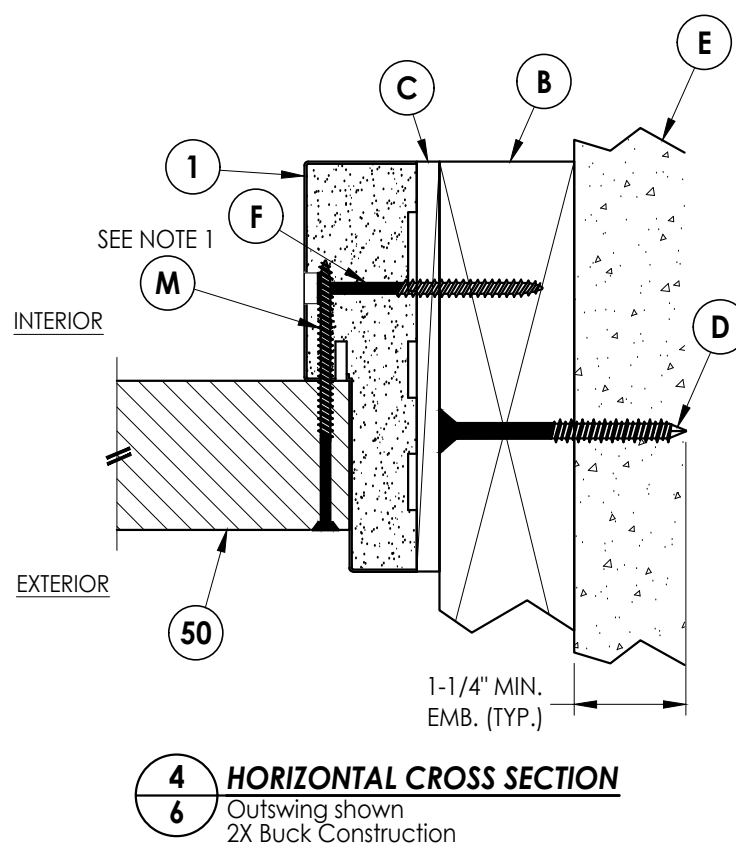
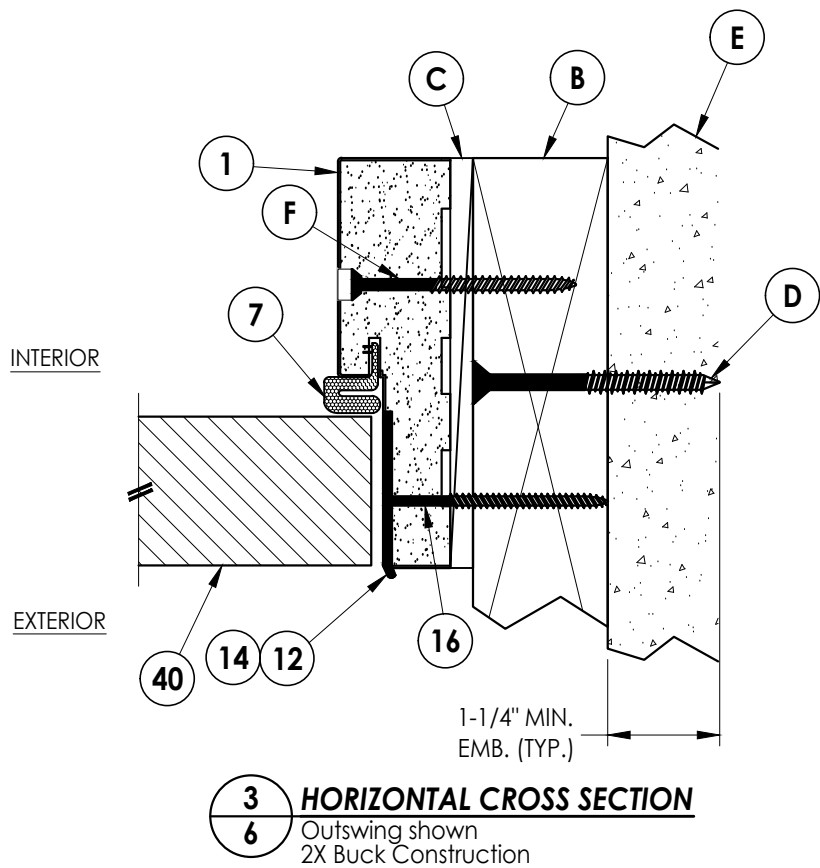


G2 GLAZING DETAIL

DATE: 6/27/19				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			
SCALE: N.T.S.				PRODUCT: WINCORE FIBERGLASS DOOR				RW PART OR ASSEMBLY: TRANSOM PANEL & GLAZING DETAILS			
DWG. BY: RW				LFS							
CHK. BY: LFS				UPDATE TO 8TH ED. (2023) FBC							
DRAWING NO.: FL-30006.10				UPDATE TO 7th ED. (2020) FBC							
SHEET 4 OF 13				NO. DATE							
				REVISIONS							
				BY							



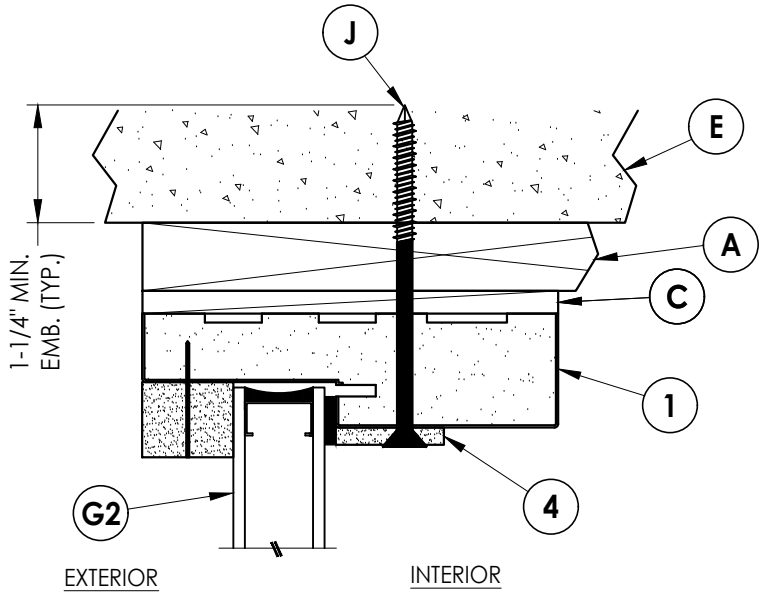
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: WINCORE FIBERGLASS DOOR				PART OR ASSEMBLY: ELEVATIONS			
				LFS	FBC		
2	7/06/23	UPDATE TO 8TH ED. (2023)					
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC			
NO.	DATE			BY			
REVISIONS							
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.10							
SHEET 5 OF 13							

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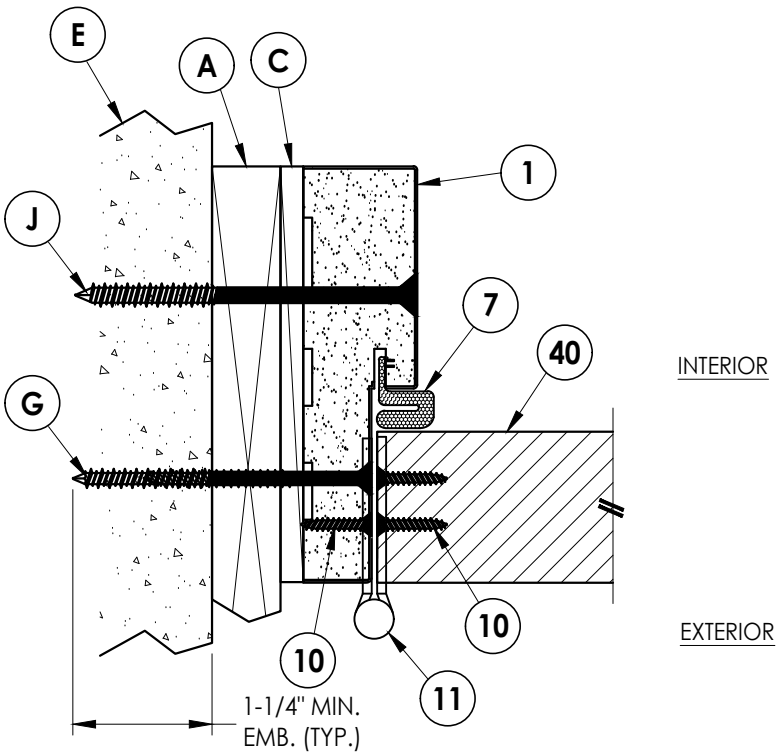
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P.E. No. 43409

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Phone No.: 813.659.9197
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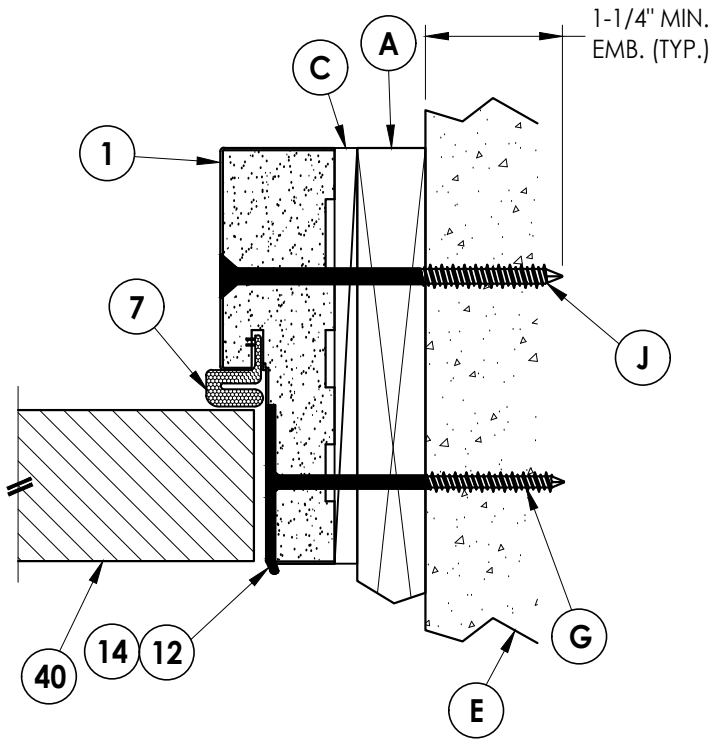
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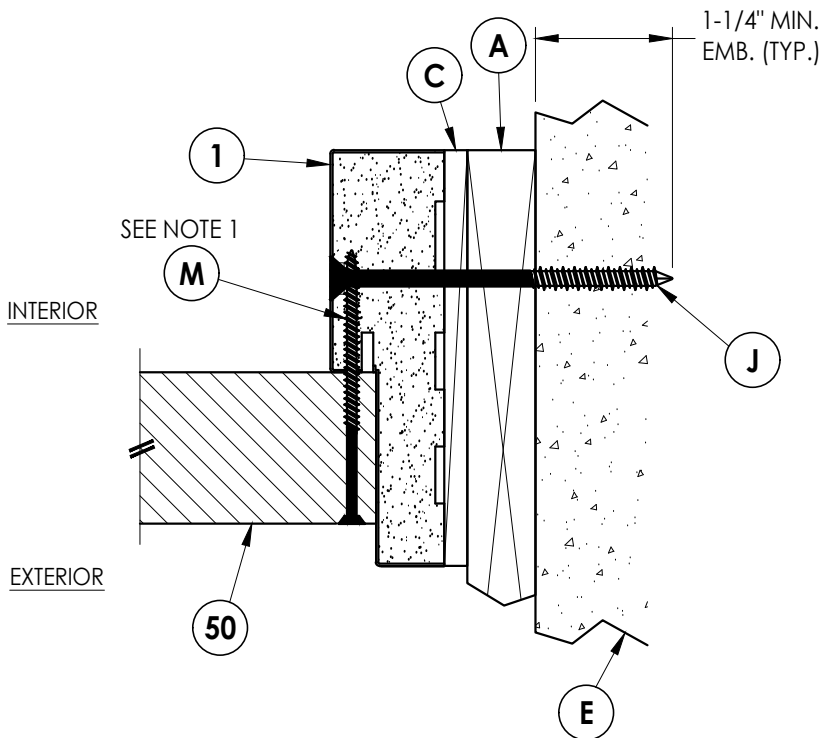
1
7 **VERTICAL CROSS SECTION**
Outswing shown
1X Buck Construction



2
7 **HORIZONTAL CROSS SECTION**
Outswing shown
1X Buck Construction



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



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

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

Documents Prepared By:
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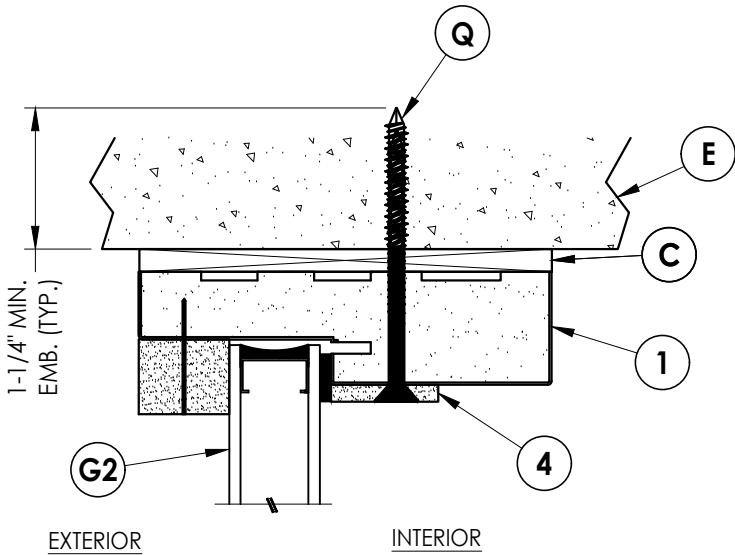
PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (1X BUCK MASONRY)

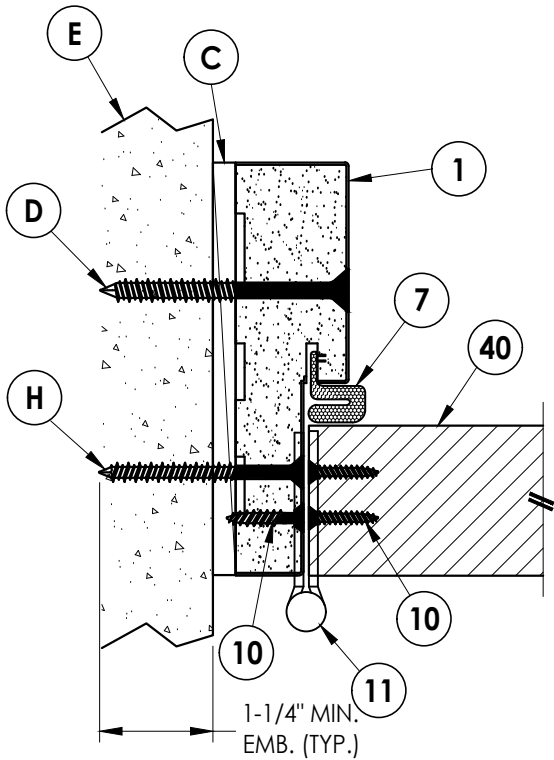
REVISIONS			
NO.	DATE	BY	
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC	DAC

DATE: 6/27/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.10
SHEET 7 of 13

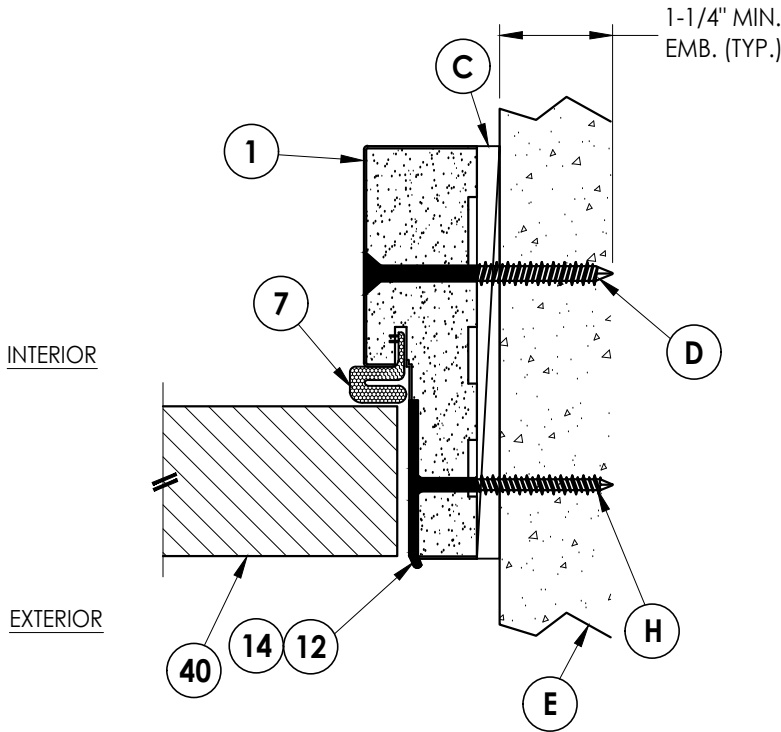
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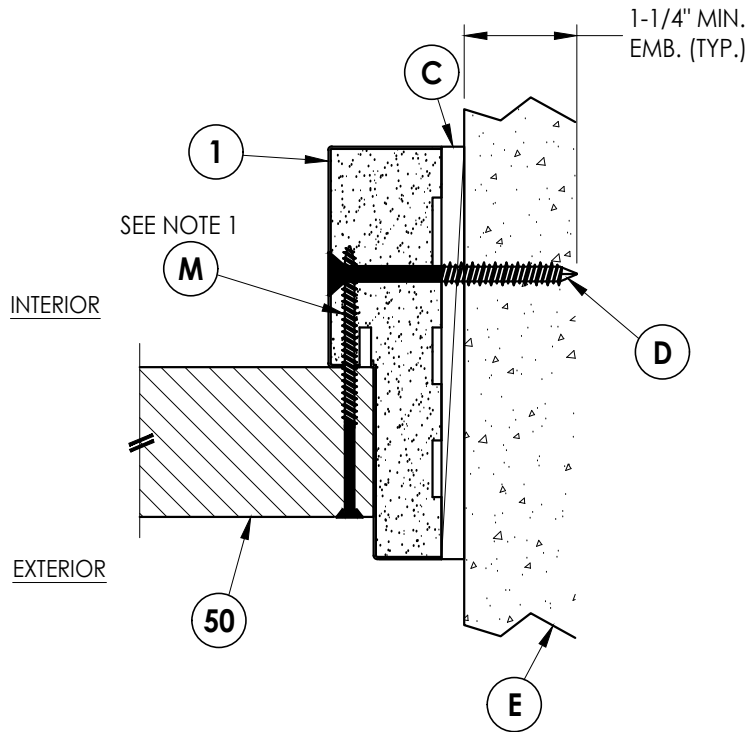
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8 **VERTICAL CROSS SECTION**
Outswing shown
Direct to Masonry Construction



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



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



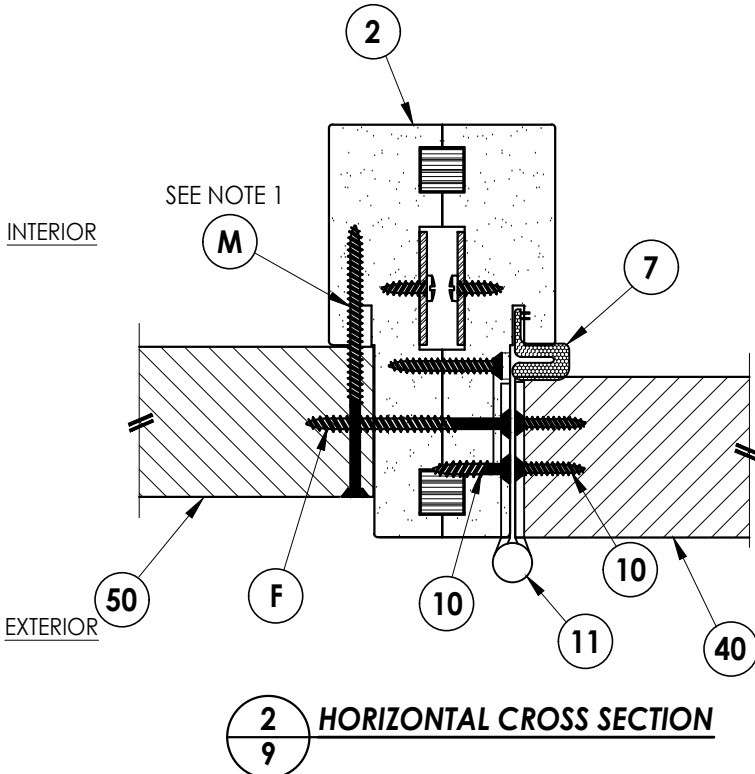
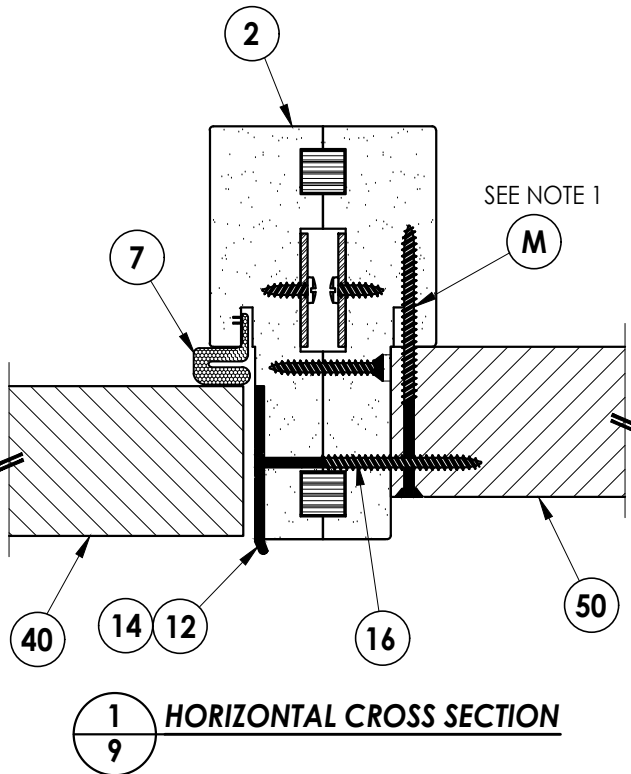
4
8 **HORIZONTAL CROSS SECTION**
Outswing shown
Direct to Masonry Construction

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

PRODUCT:				PART OR ASSEMBLY:			
WINCORE FIBERGLASS DOOR				HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)			
				LFS	FBC	DATE	REVISIONS
		2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC		
		1	8/20/20	UPDATE TO 7th ED. (2020)	FBC		
		NO.	DATE				
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.10							
SHEET 8 OF 13							

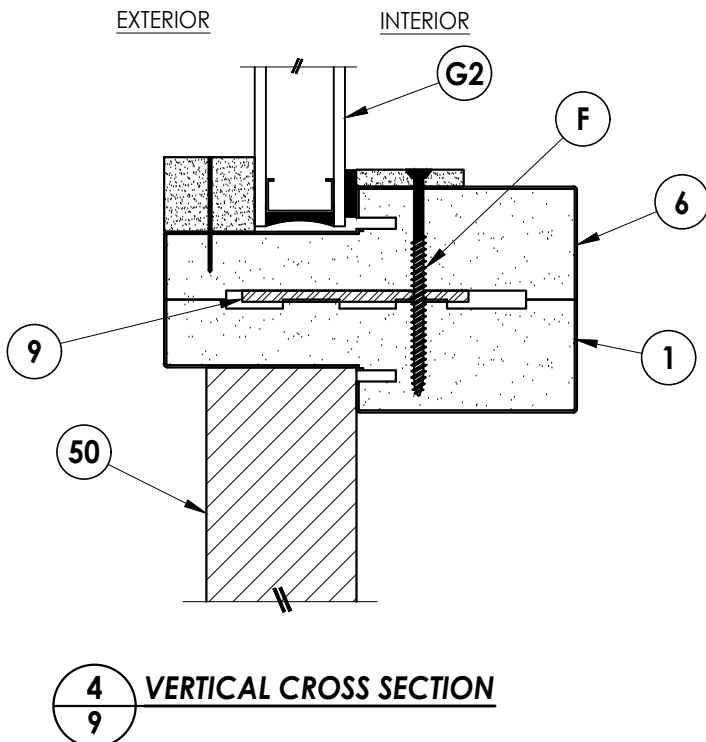
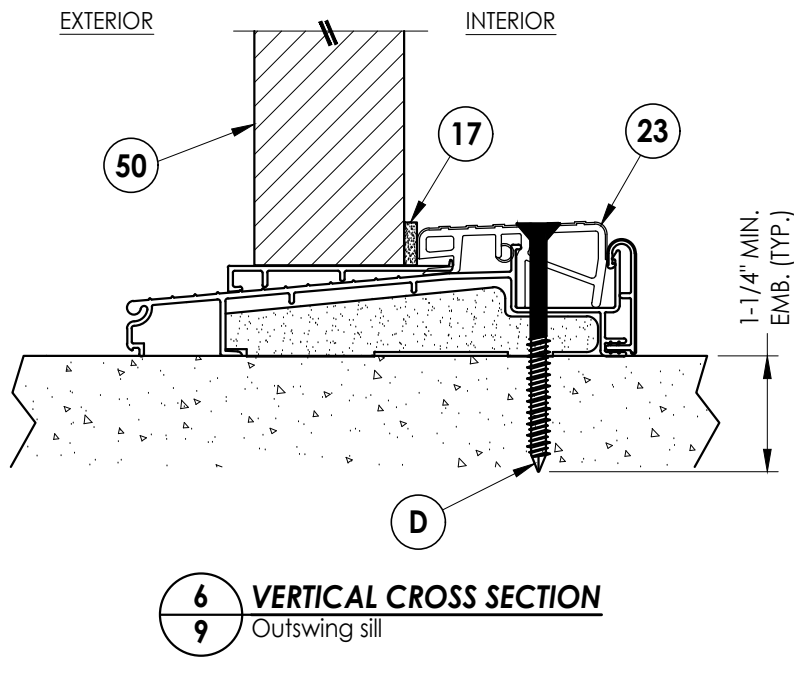
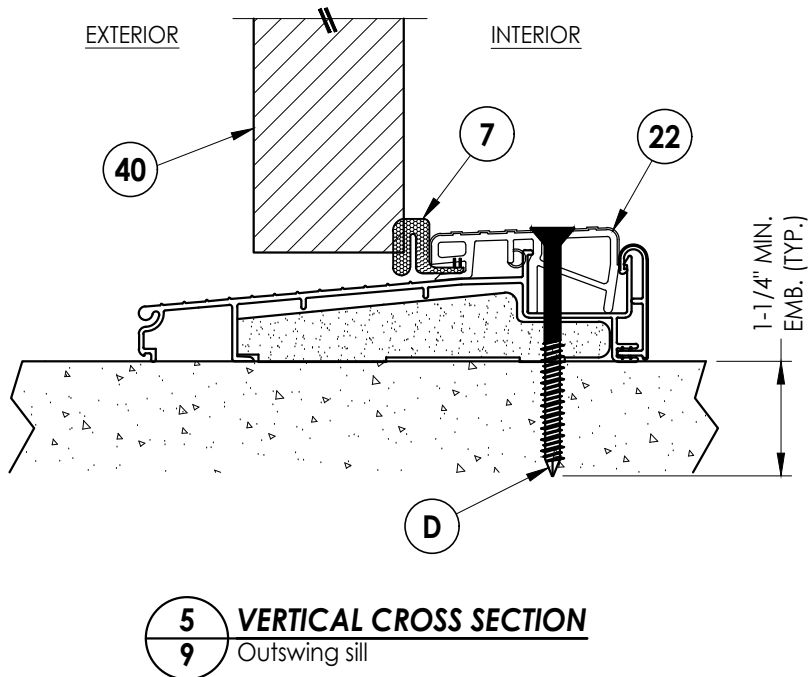
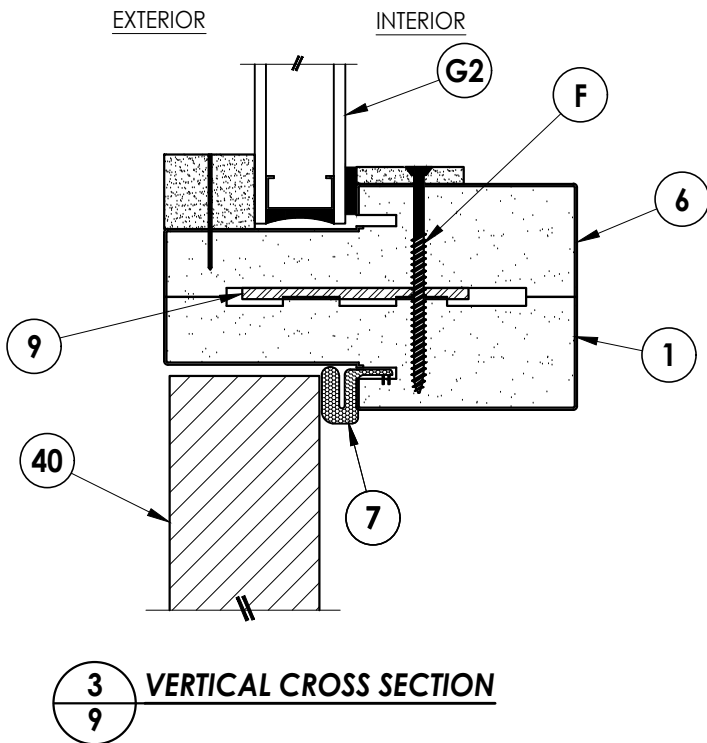
Documents Prepared By:
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P.E. No. 43409

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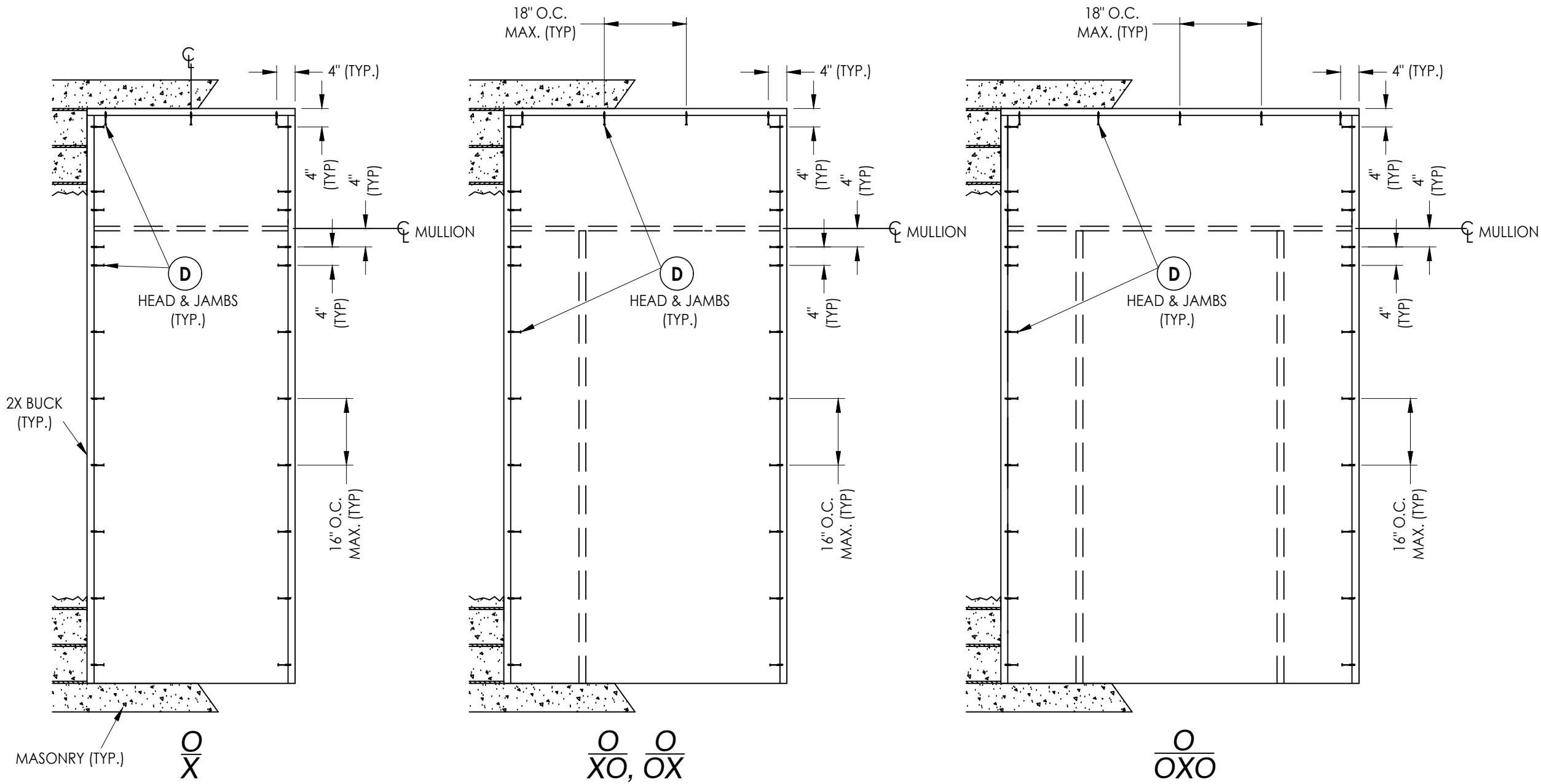
NOTES:

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

[illegible]

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P.E. No. 43409

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2X BUCK ANCHORING

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-30006.10

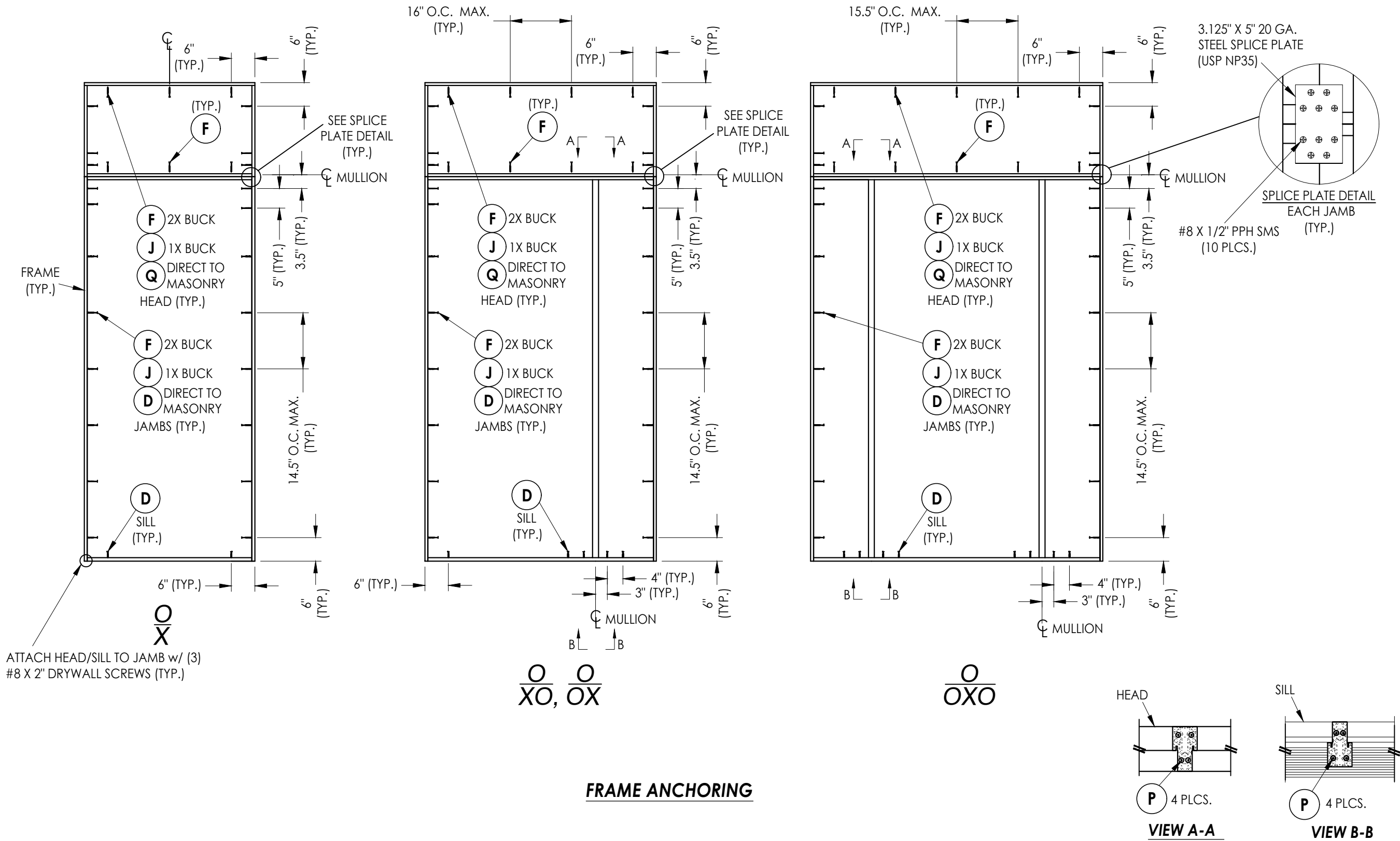
SHEET 10 OF 13

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

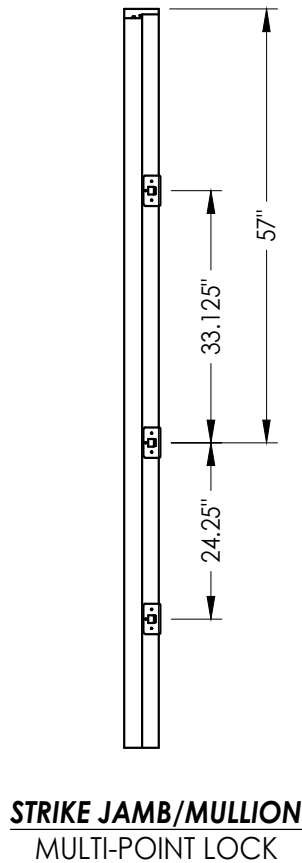
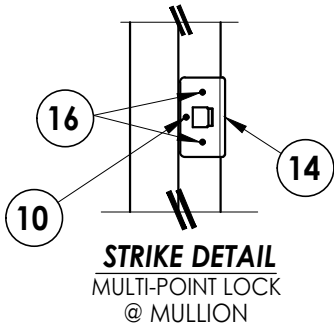
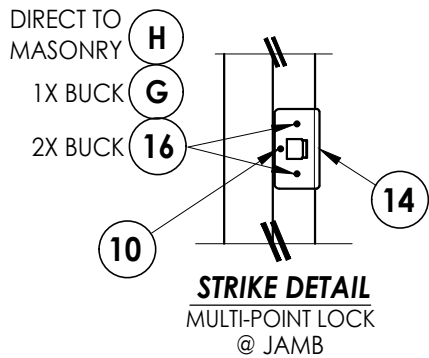
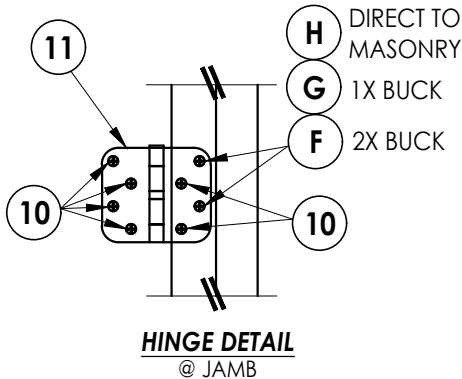
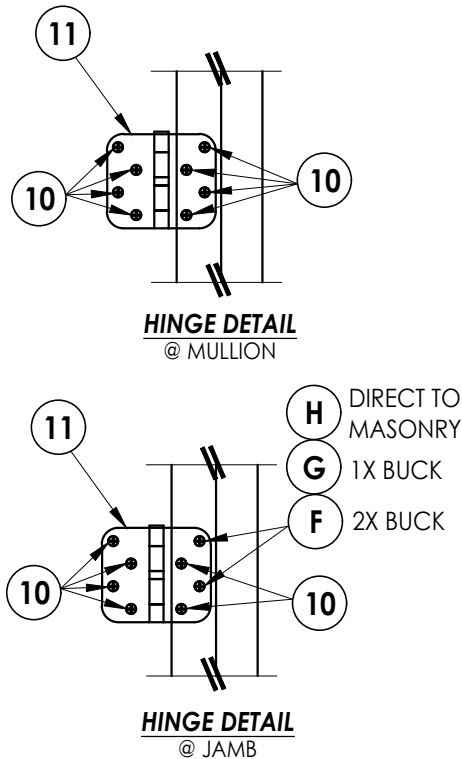
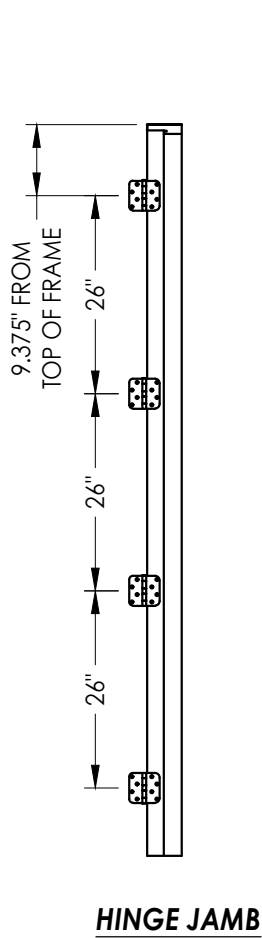
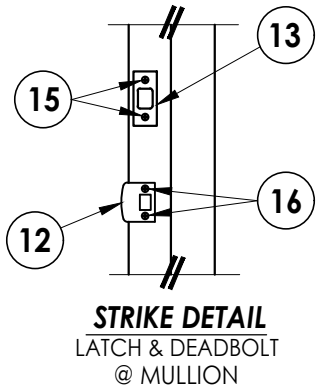
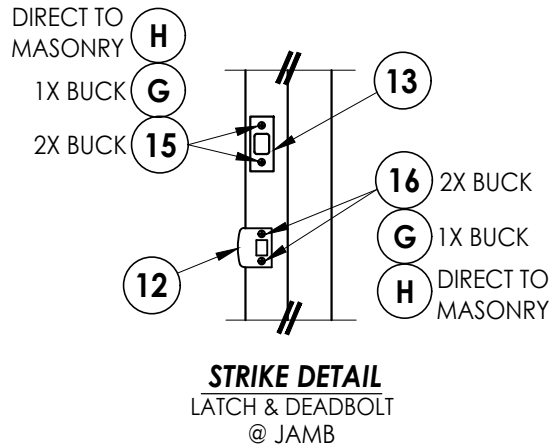
PRODUCT:	WINCORE FIBERGLASS DOOR
	PART OR ASSEMBLY:
BUCK & FRAME ANCHORING & HARDWARE DETAILS	

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

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PRODUCT: WINCORE FIBERGLASS DOOR				PART OR ASSEMBLY: BUCK & FRAME ANCHORING & HARDWARE DETAILS			
				LFS			
				UPDATE TO 8TH ED. (2023)	FBC		
				UPDATE TO 7th ED. (2020)	FBC		
				DAC			
				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-30006.10							
SHEET 11 OF 13							



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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
Q	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP
2	INTEGRAL MULLION	PVC/LVL
4	POLY FIBER MOLDING	COMP
5	POLY FIBER GLAZING BEAD	COMP
6	POLY FIBER TRANSOM JAMB	COMP
7	WEATHERSTRIP	FOAM
9	ALUMINUM REINFORCEMENT (2.5" X 37.5" X 0.100" THICK)	ALUM
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
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	-

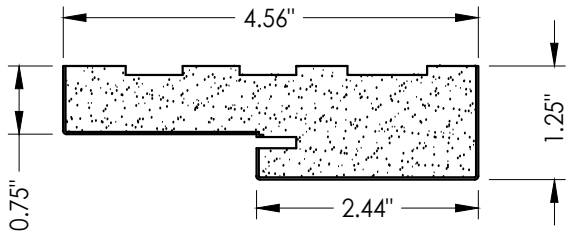
CONCRETE ANCHOR NOTES:

- 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:

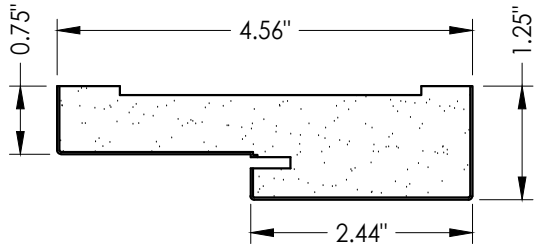
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

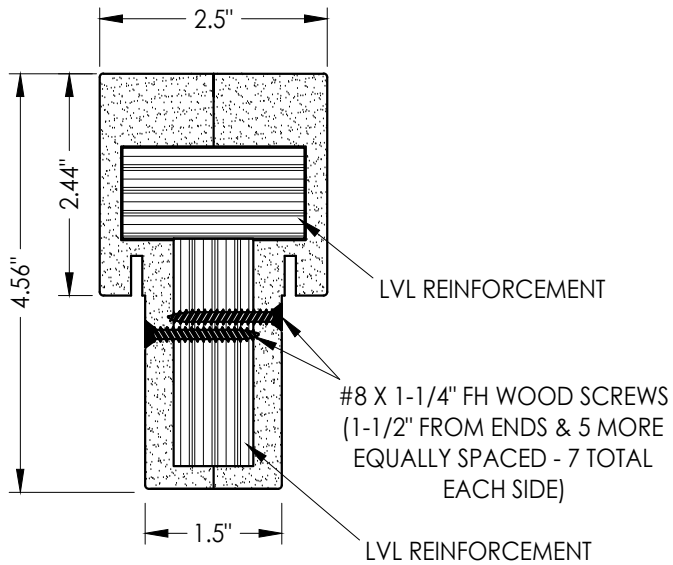
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



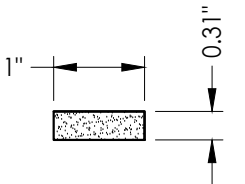
1 POLY FIBER JAMB



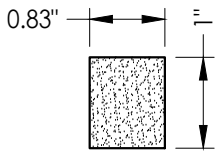
6 POLY FIBER TRANSOM JAMB



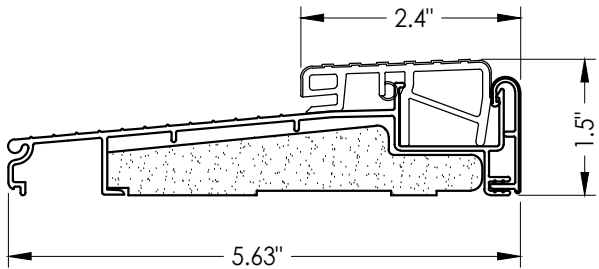
2 INTEGRAL MULLION



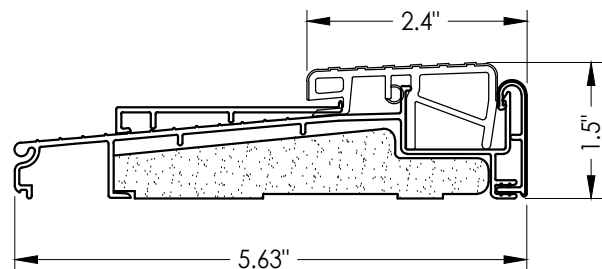
4 POLY FIBER MOLDING



5 POLY FIBER GLAZING BEAD



22 OUTSWING THRESHOLD
Endura (Z-Series)



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

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FBPE Registry License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-30006.10

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