



250 Staunton Turnpike, Parkersburg, WV 26104

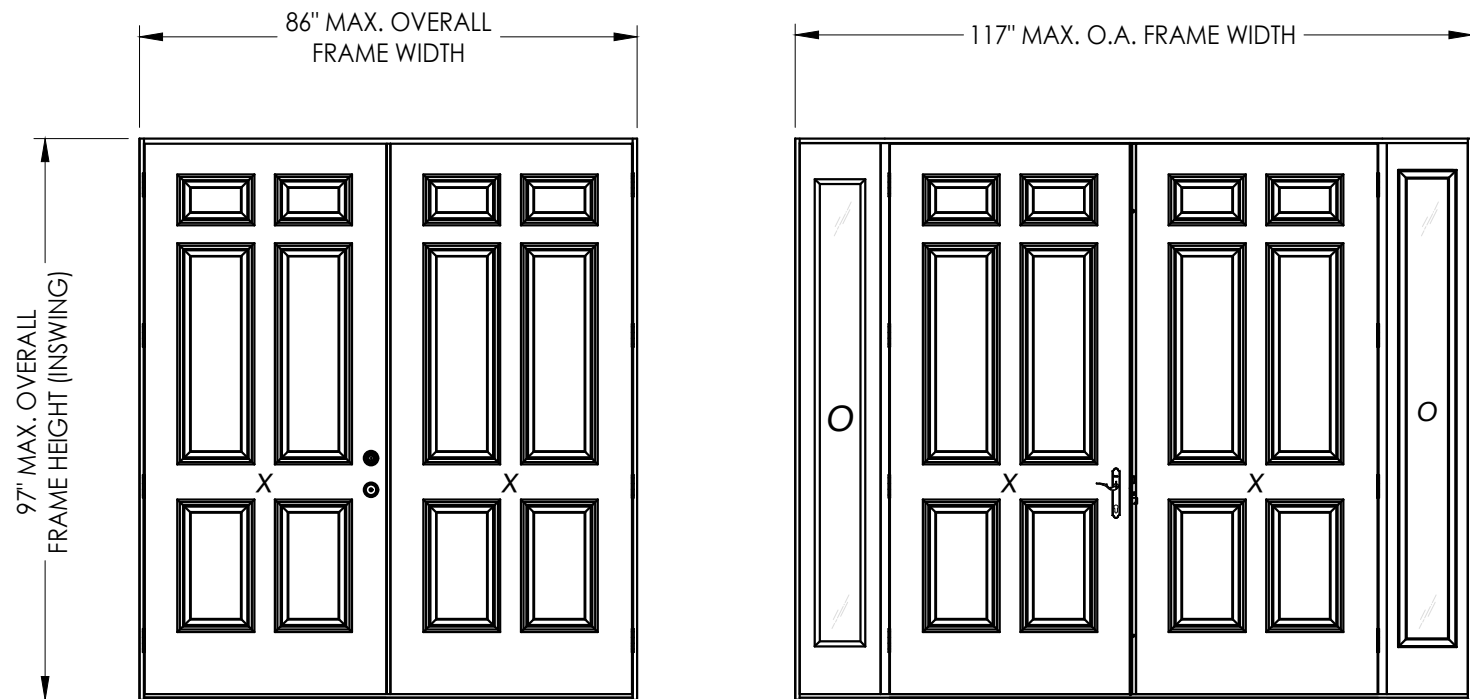
OPAQUE FIBERGLASS DOUBLE DOOR w/ or w/out SIDELITES

OUTSWING
"NON-IMPACT"

GENERAL NOTES

- 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.
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

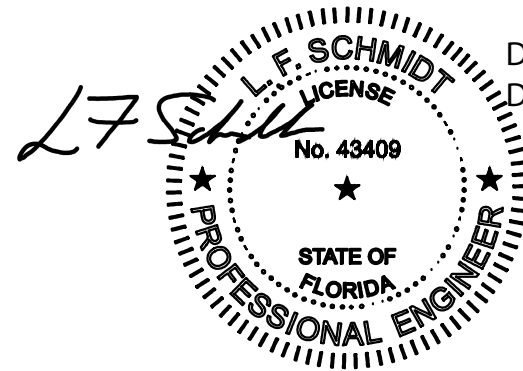
TABLE OF CONTENTS	
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2	Door Panel Details
3	Sidelite Panel & Glazing Details
4	Elevations
5	Vertical & Horizontal Cross Sections (2X Buck Masonry)
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7	Vertical & Horizontal Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Buck Anchoring
10	Frame Anchoring
11	Hardware Details
12	Bill of Materials & Components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE
XX	86.0" x 97.0"	+40.0	-40.0
OXXO	117.0 x 97.0"	+40.0	-40.0

NOTE: SEE SHEET 2 FOR LOCK HARDWARE DESIGN PRESSURE LIMITATIONS



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:04:17 -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

PRODUCT:
WINCORE
FIBERGLASS DOOR

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

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.11

SHEET 1 OF 12

2 7/06/23 UPDATE TO 8TH ED. (2023) FBC

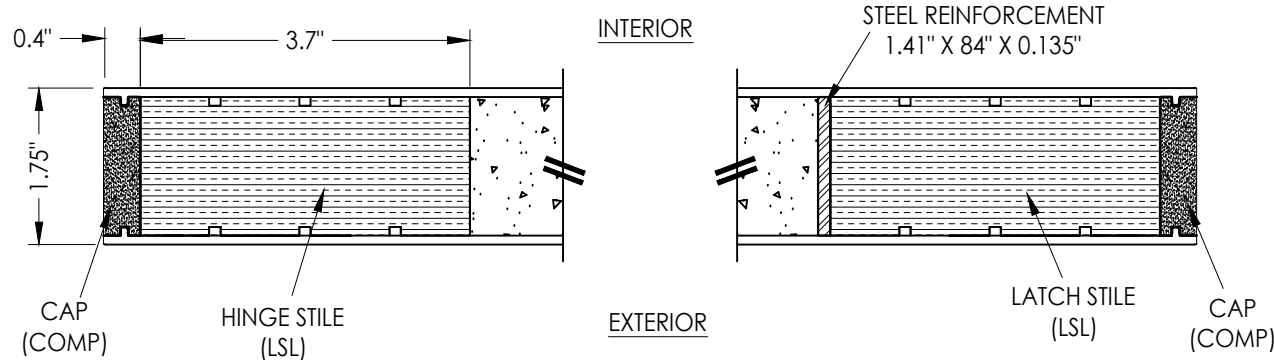
1 8/20/20 UPDATE TO 7th ED. (2020) FBC

NO. DATE

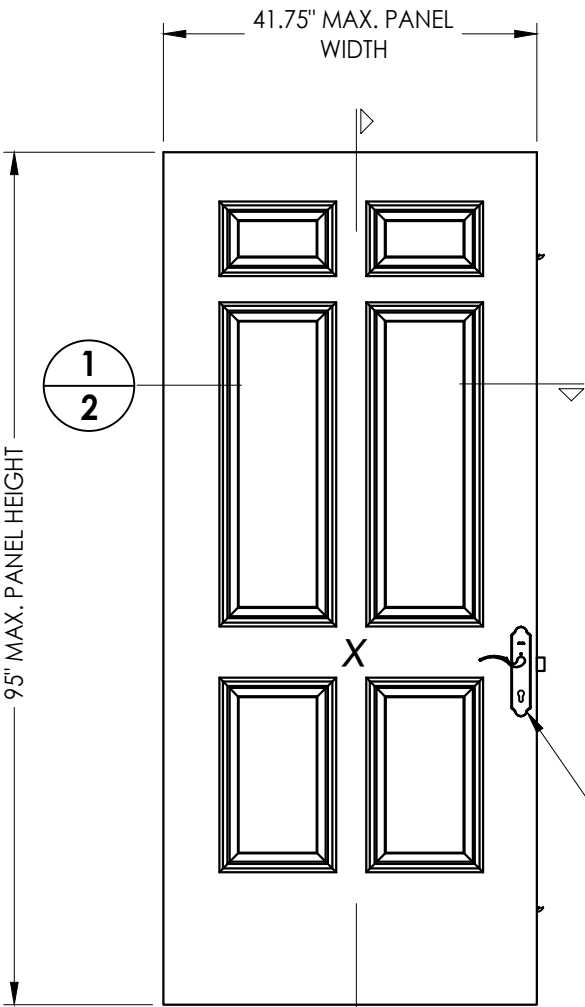
REVISIONS

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

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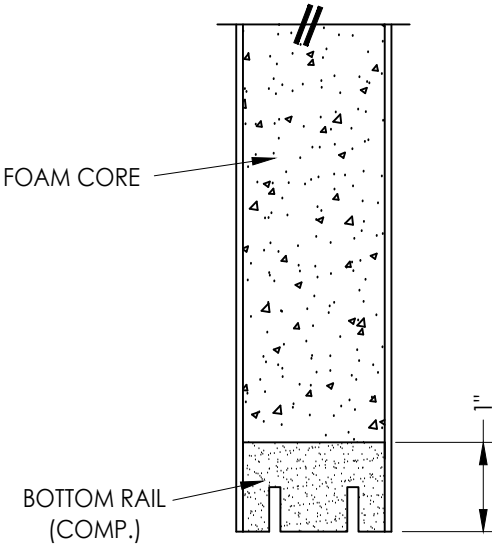
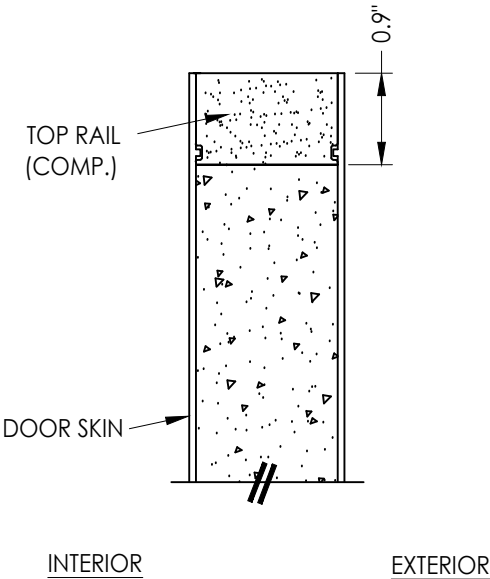
1
2 HORIZONTAL CROSS SECTION



2
2 DOOR PANEL
Plastpro Fiberglass

DOOR SKIN: FIBERGLASS SKIN (0.110\"/>

DOOR LOCK HARDWARE TABLE		MAX. DESIGN PRESSURE
MANUFACTURER	MODEL	
SCHLAGE	Knob: F51	± 30 PSF
	Deadbolt: B60N	
TRILENNIUM	3000 SERIES MULTI-POINT LOCK (3pt.)	± 40 PSF



2
2 VERTICAL CROSS SECTION

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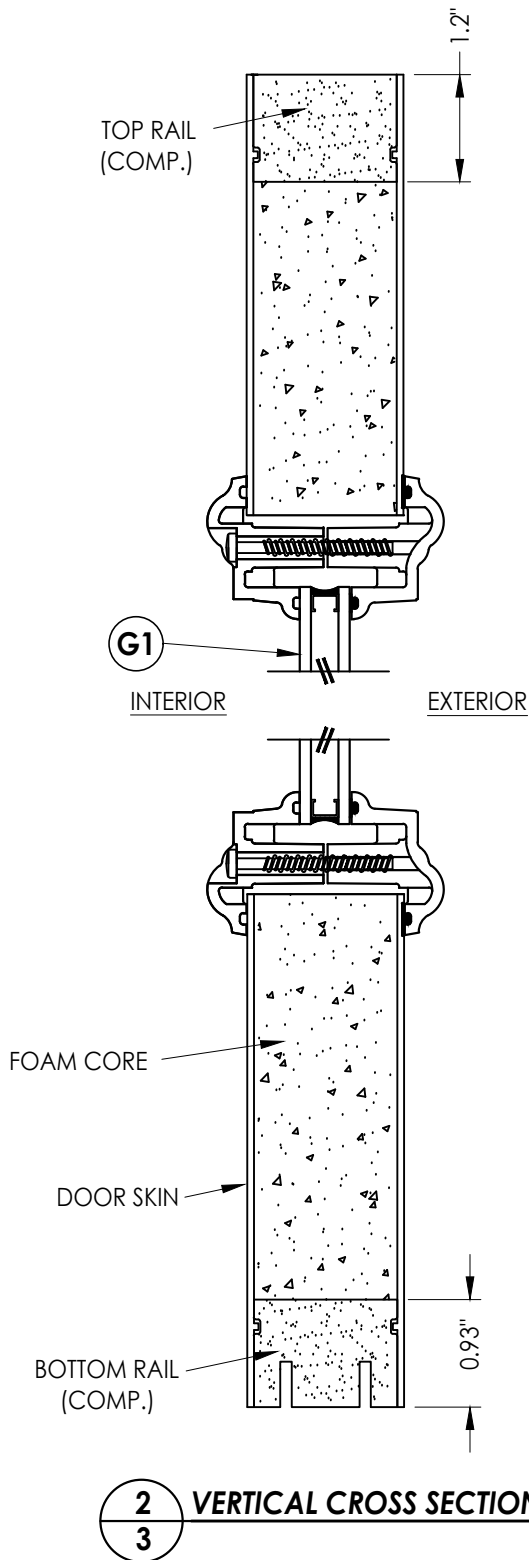
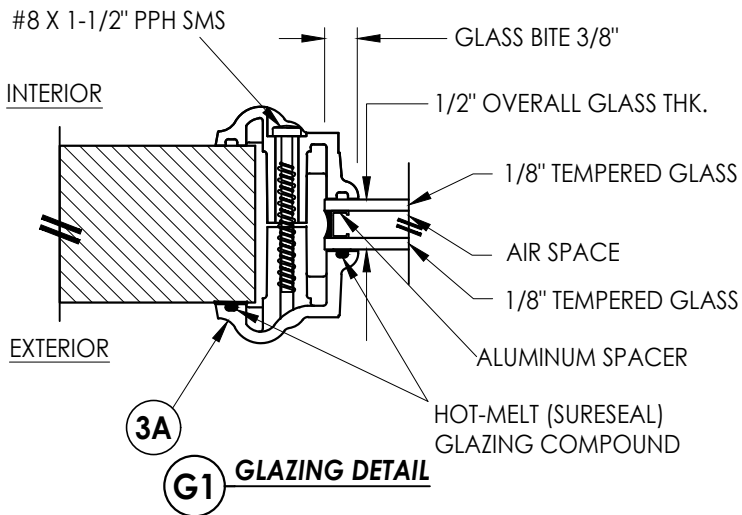
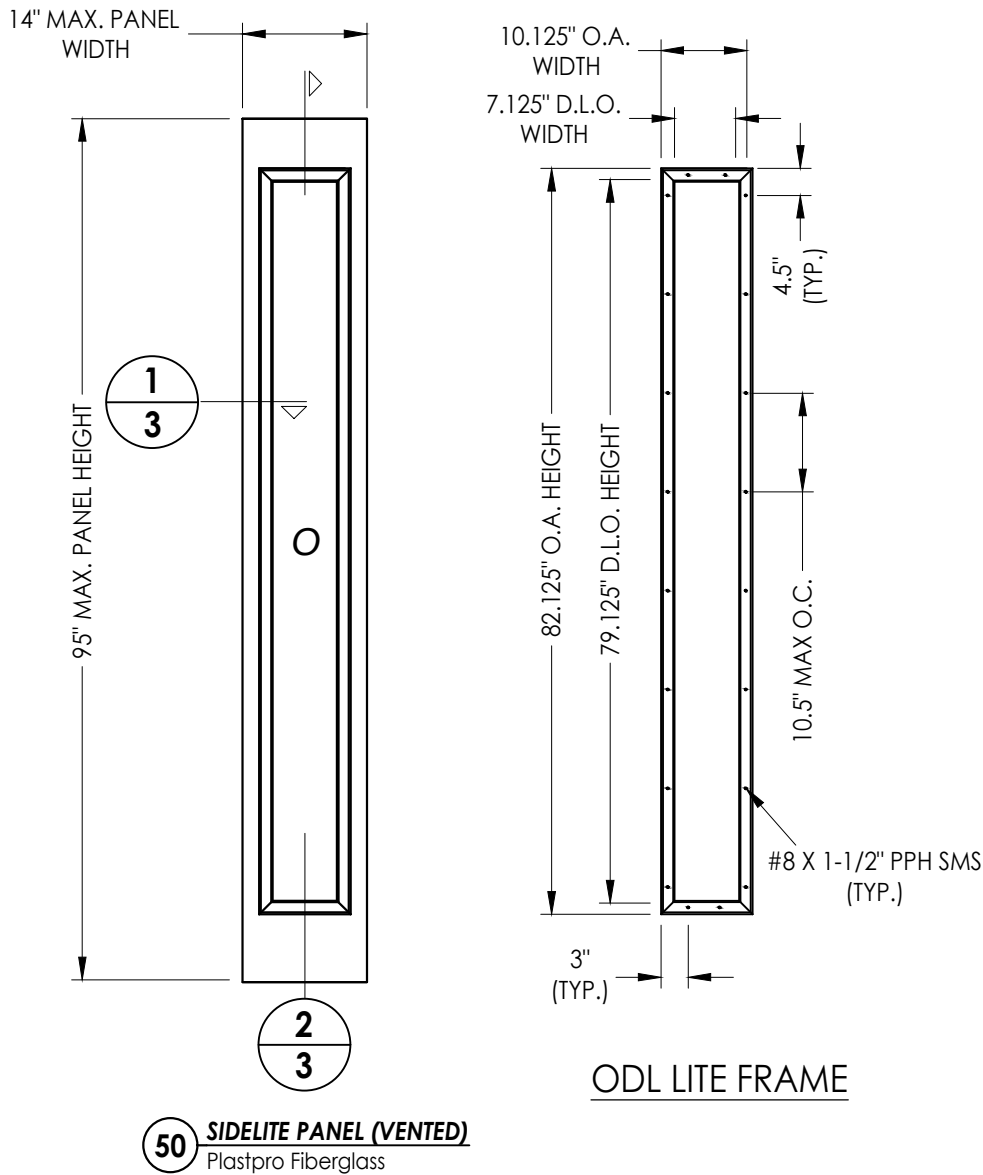
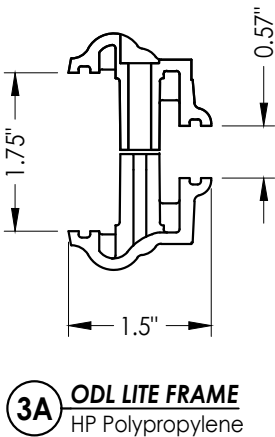
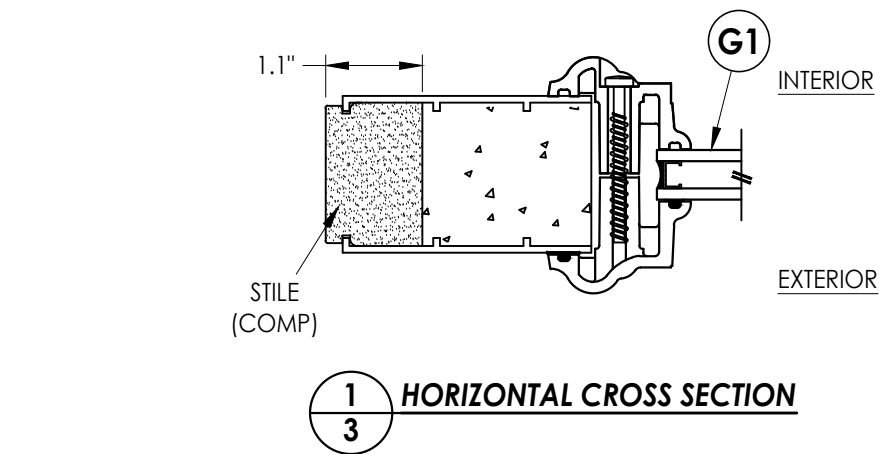
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PRODUCT:	WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS

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

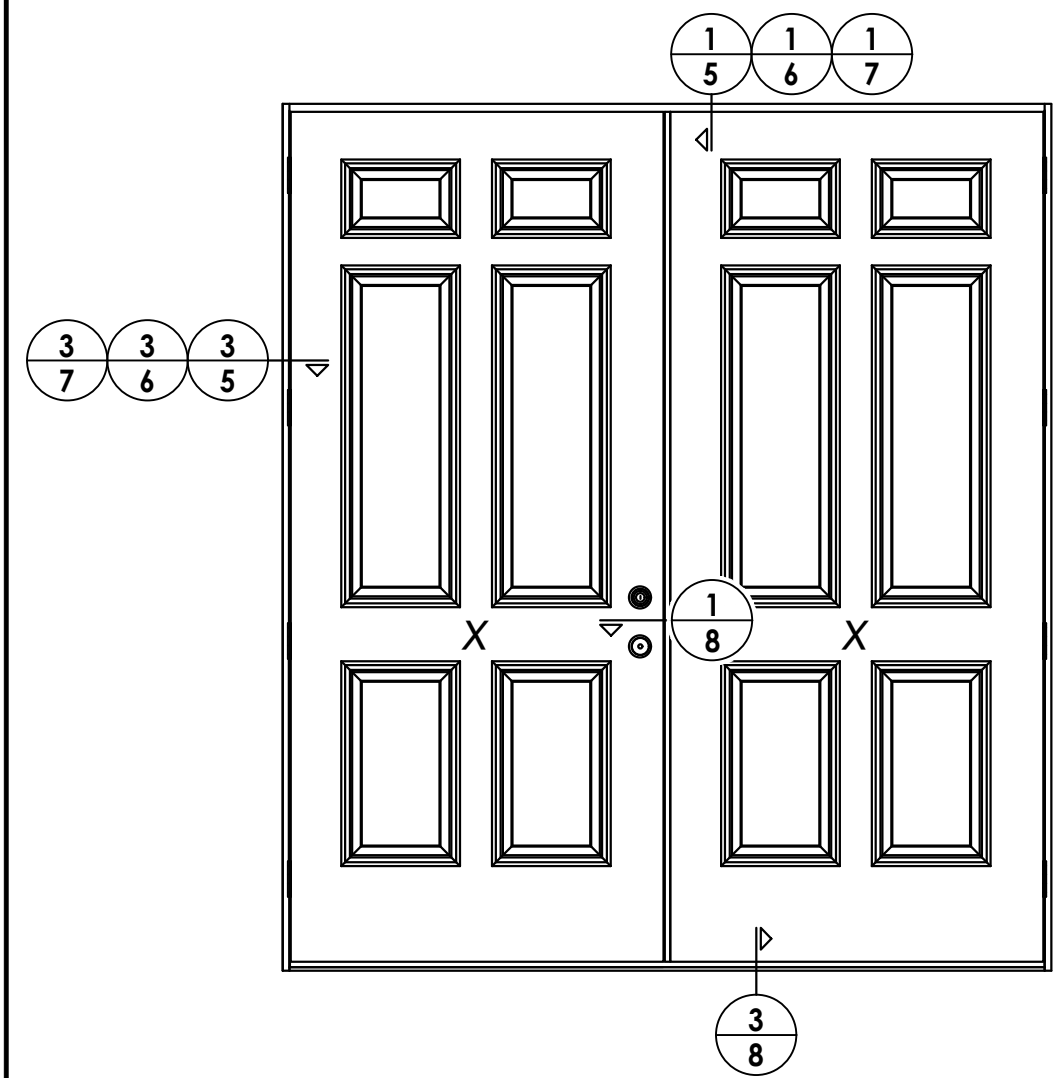
DATE:	6/27/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.11
SHEET	2 OF 12

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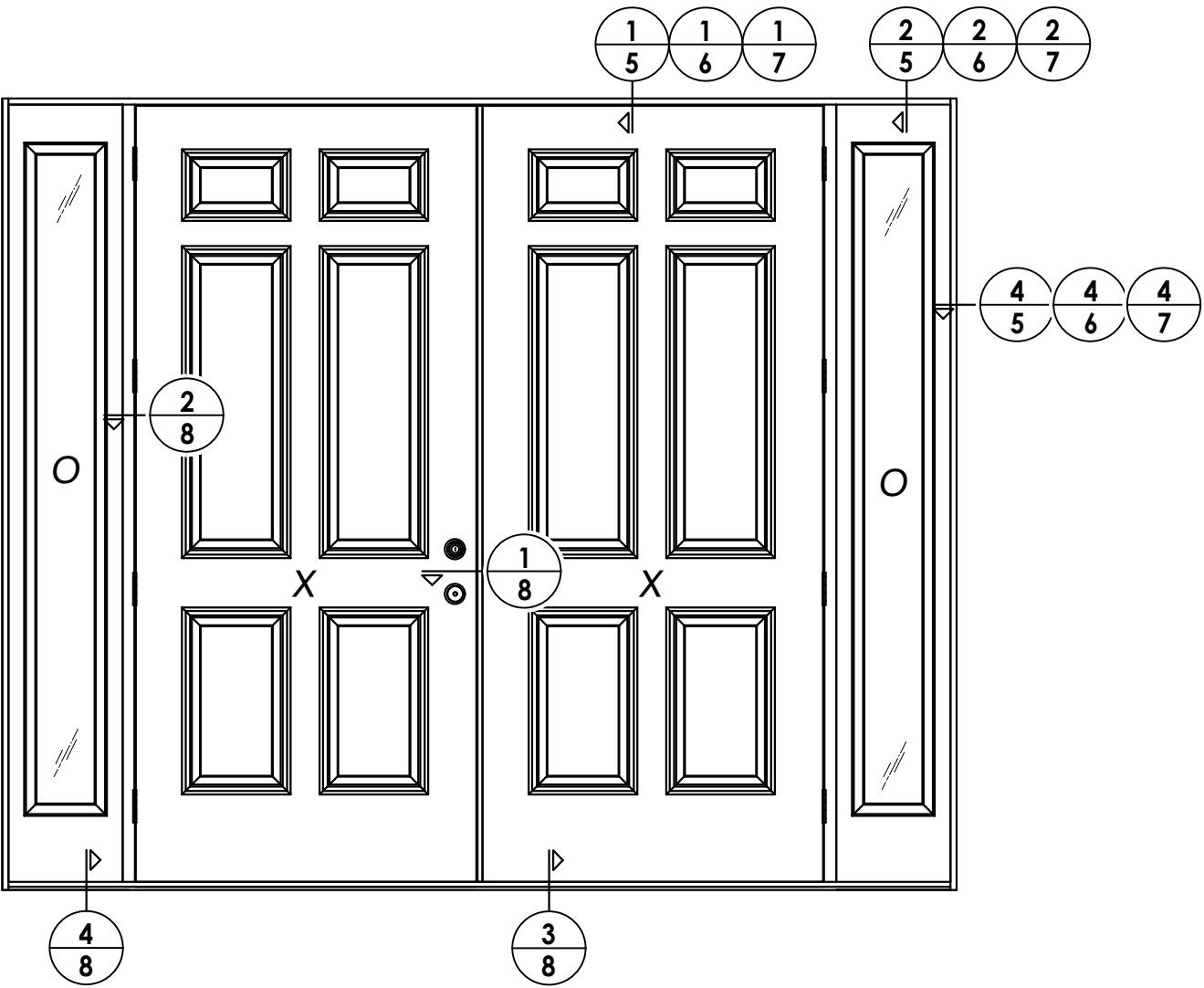


SIDELITE SKIN: FIBERGLASS SKIN (0.086" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				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			
				LFS			
				FBC			
2	7/06/23	UPDATE TO 8TH ED. (2023)		DAC			
1	18/20/20	UPDATE TO 7th ED. (2020)		BY			
NO. DATE				REVISIONS			
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.11							
SHEET 3 OF 12							



ELEVATION
XX



ELEVATION
OXXO

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-30006.11

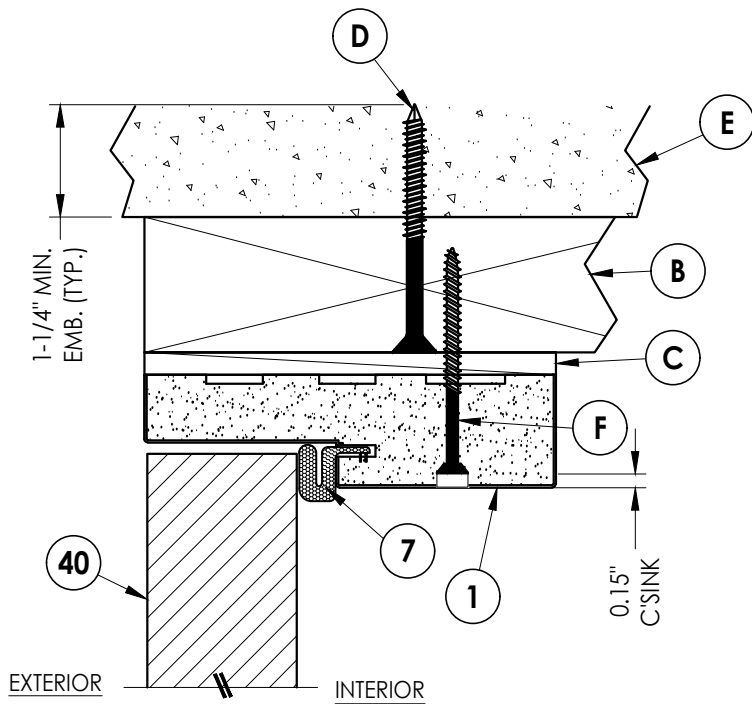
SHEET 4 OF 12

PRODUCT:
WINCORE
FIBERGLASS DOOR

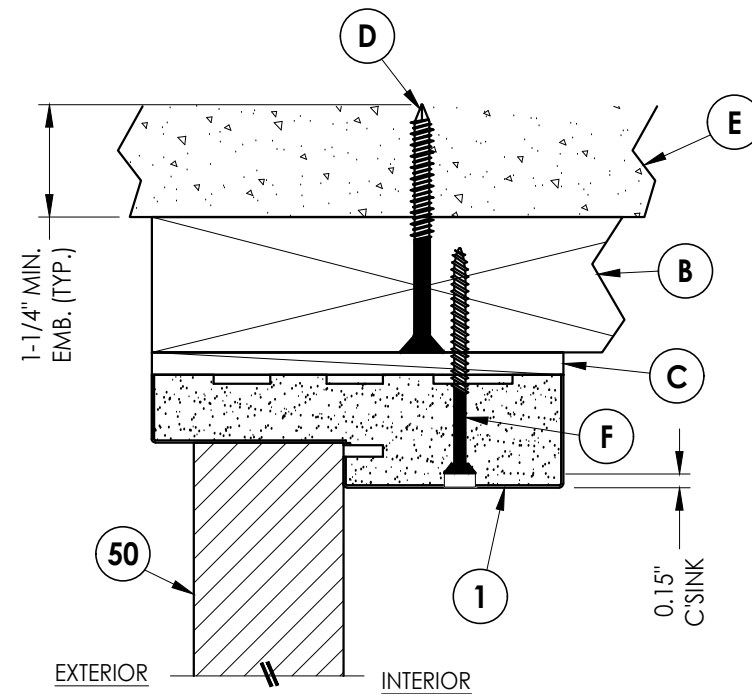
PART OR ASSEMBLY:
ELEVATIONS

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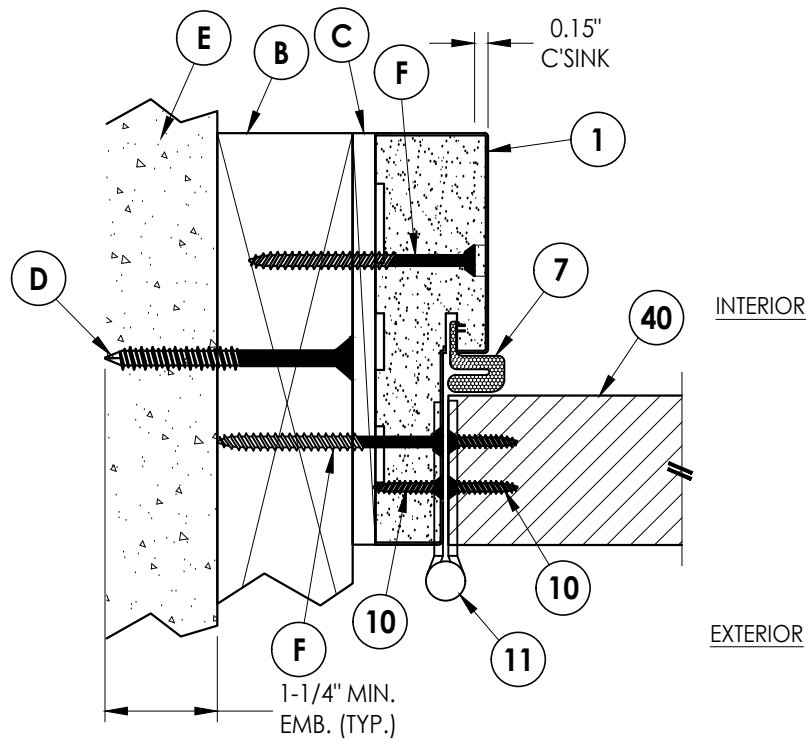
1 **VERTICAL CROSS SECTION**
5 Outswing shown
2X Buck Construction



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

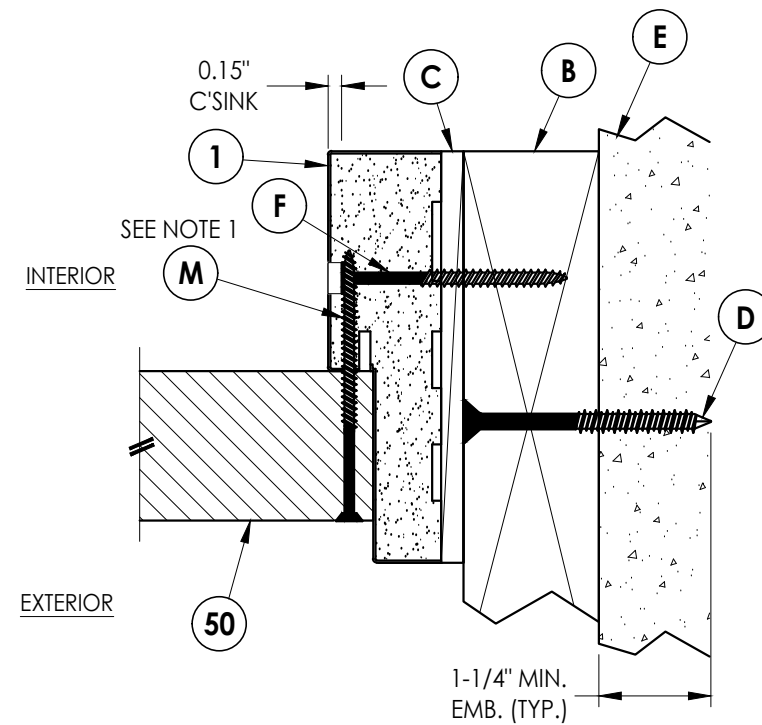
NOTE:

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



3 **HORIZONTAL CROSS SECTION**

5 Outswing shown
2X Buck Construction



4 **HORIZONTAL CROSS SECTION**

5 Outwing shown
2X Buck Construction

[illegible]

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Technical cross-section diagram of a roof assembly. The diagram shows the following layers from top to bottom:

- Layer J:** A corrugated metal roof panel.
- Layer E:** A layer of insulation or aggregate material.
- Layer A:** A layer of insulation or aggregate material.
- Layer C:** A layer of insulation or aggregate material.
- Layer 1:** A layer of insulation or aggregate material.
- Layer 50:** A structural support element, likely a concrete or masonry wall.

Dimensions and labels:

- 1-1/4" MIN. EMB. (TYP.):** A dimension indicating the minimum embedment depth of the roof panel into the insulation layer.
- EXTERIOR:** The left side of the diagram.
- INTERIOR:** The right side of the diagram.

0.15" C'SINK

INTERIOR

EXTERIOR

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

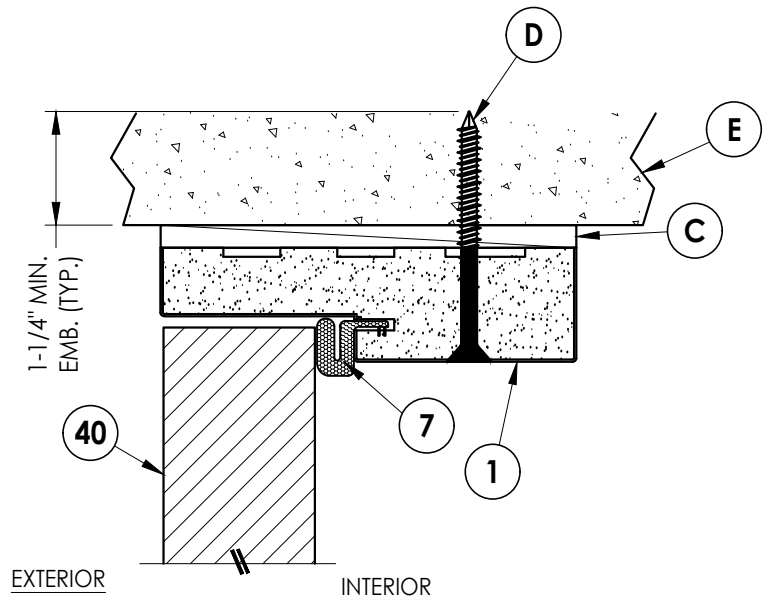
Labels: A, C, E, G, J, 1, 7, 10, 11

NOTE:

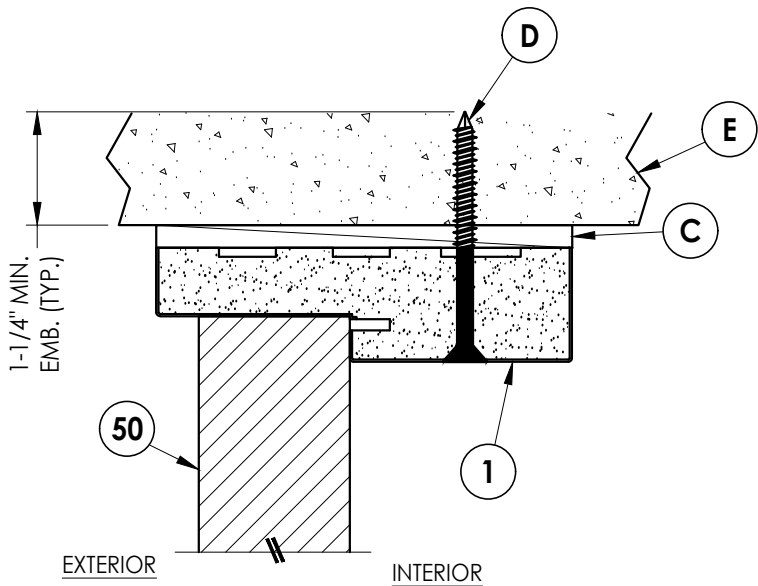
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

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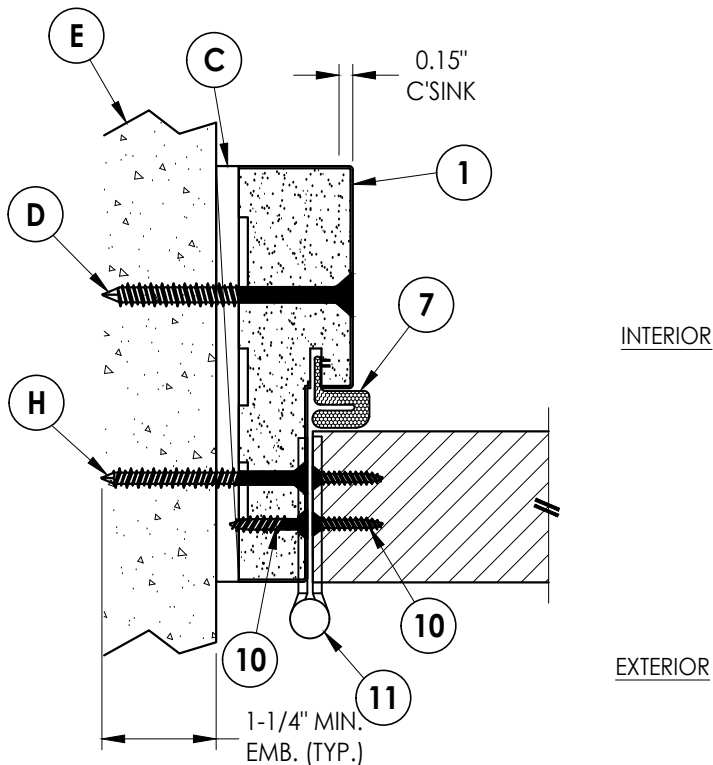
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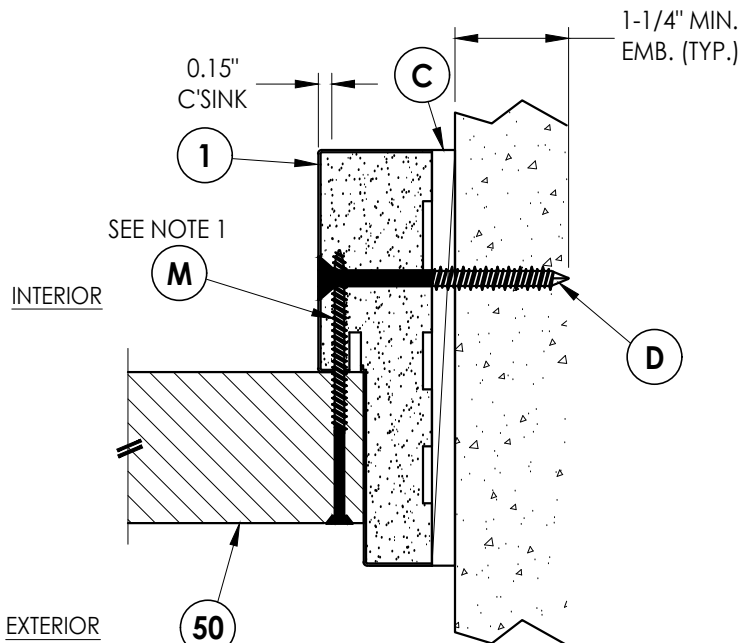
1
7 **VERTICAL CROSS SECTION**
Outswing shown
Direct to Masonry Construction



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



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



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

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 & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-30006.11

SHEET 7 OF 12

NOTE:
1. Spacing for sidelite
4" from each end & 4" from each side

SEE NOTE 1

M

7

10

10

11

40

50

F

INTERIOR

EXTERIOR

2 **HORIZONTAL CROSS SECTION**
8

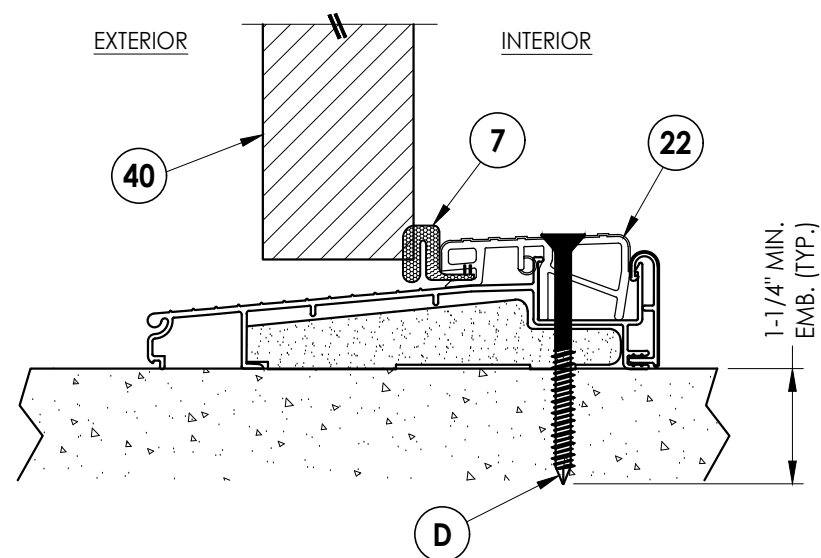


Diagram illustrating the cross-section of a window installation, showing the exterior and interior views. The diagram includes the following components and labels:

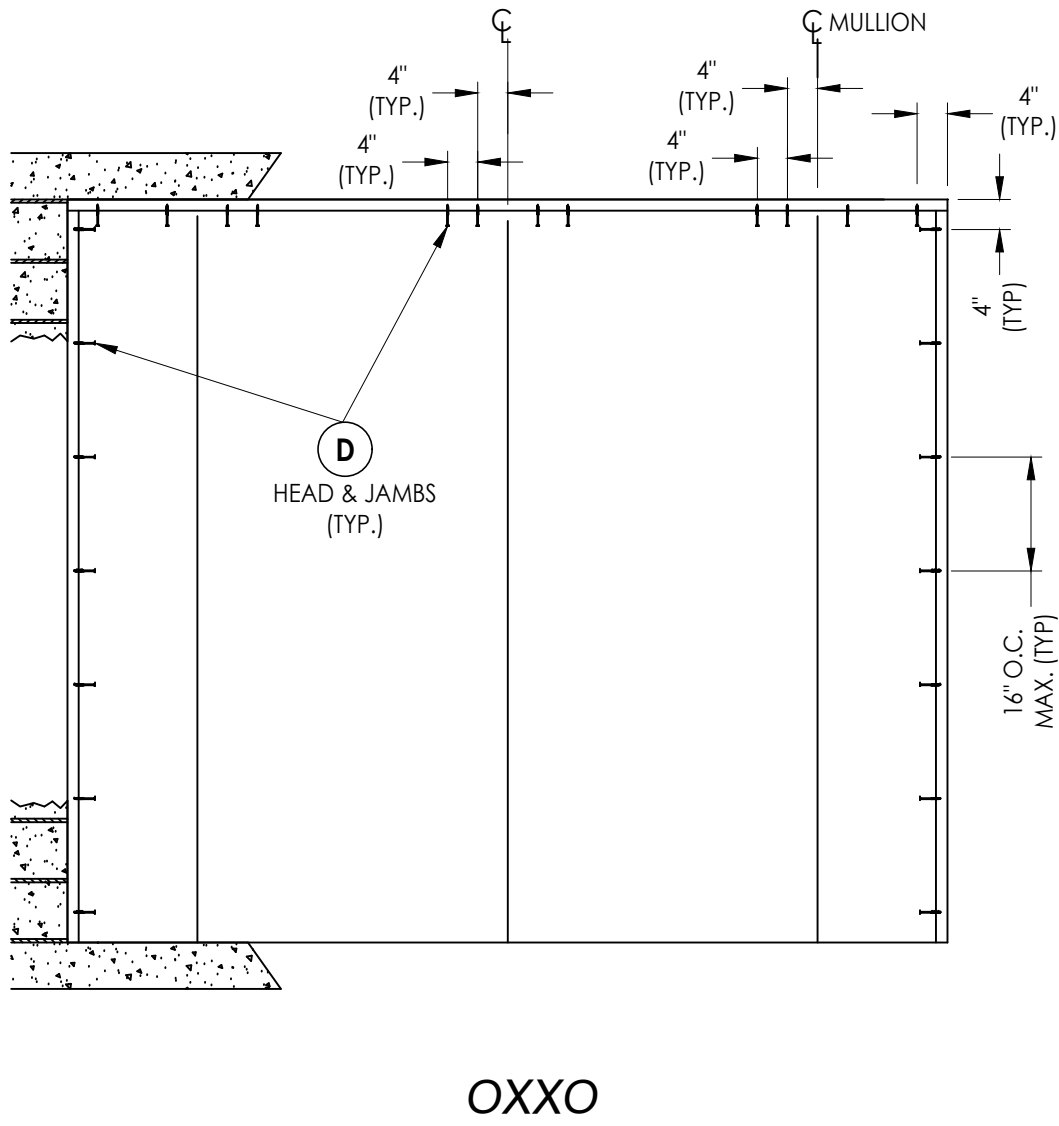
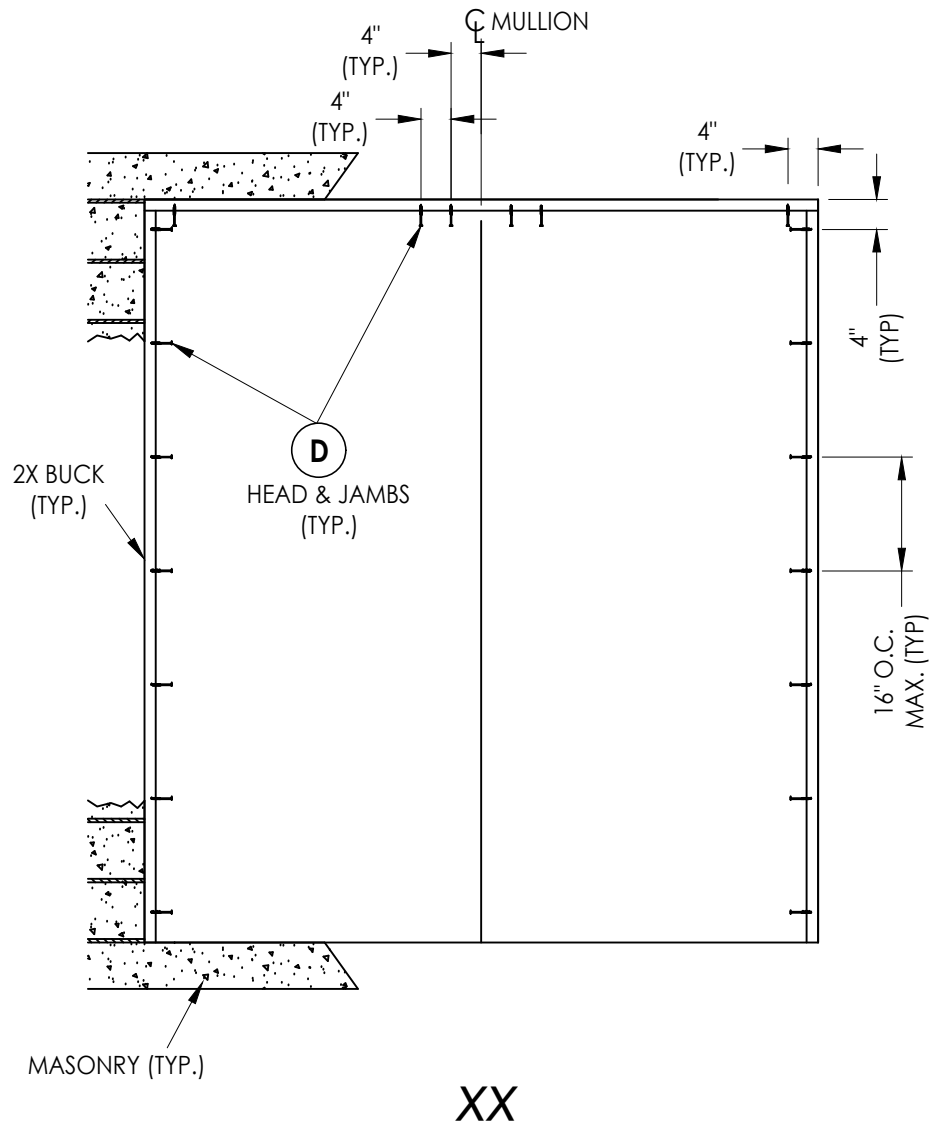
- 50**: Exterior Wall
- 17**: Insulation
- 23**: Window Frame
- D**: Drill Bit
- 1-1/4" MIN. EMB. (TYP.)**: Minimum Embedment Depth

4 8 VERTICAL CROSS SECTION Inswing sill

[illegible]

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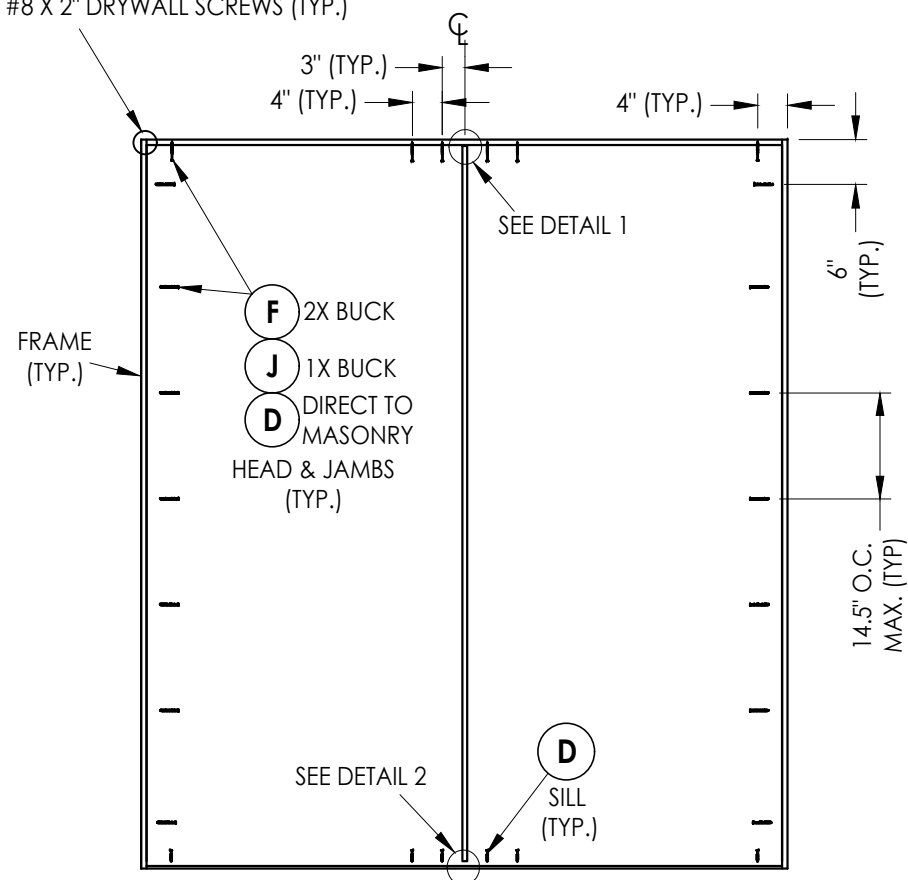
2X BUCK ANCHORING

DATE: 6/27/19	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-30006.11	
SHEET 9	OF 12

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

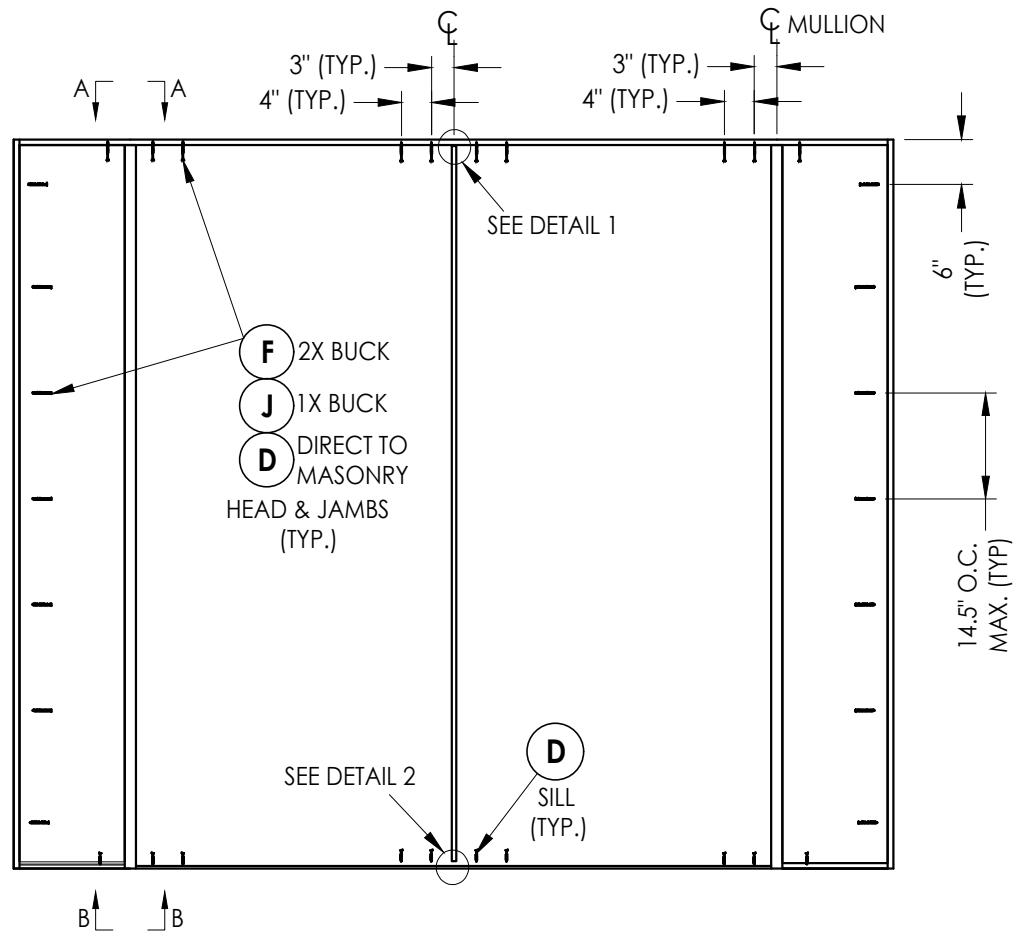
PRODUCT:	WINCORE FIBERGLASS DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

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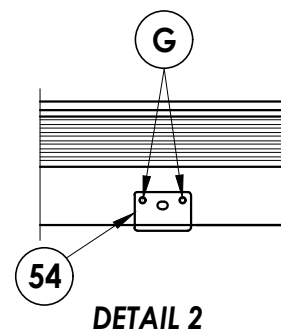
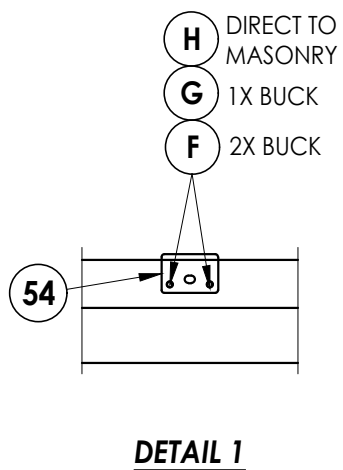
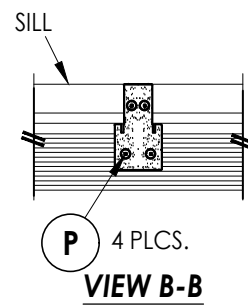
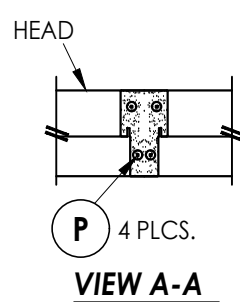


XX

FRAME ANCHORING



OXXO



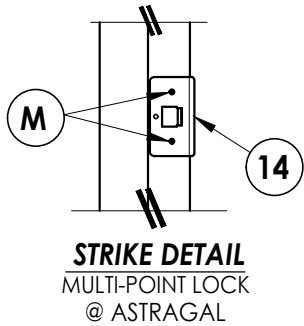
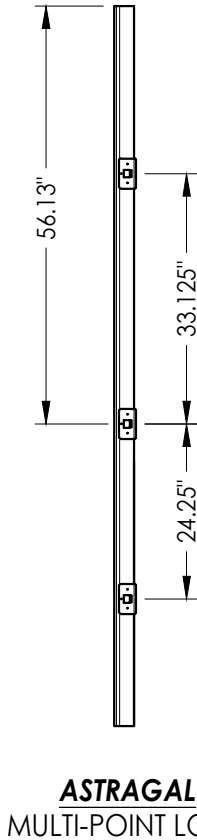
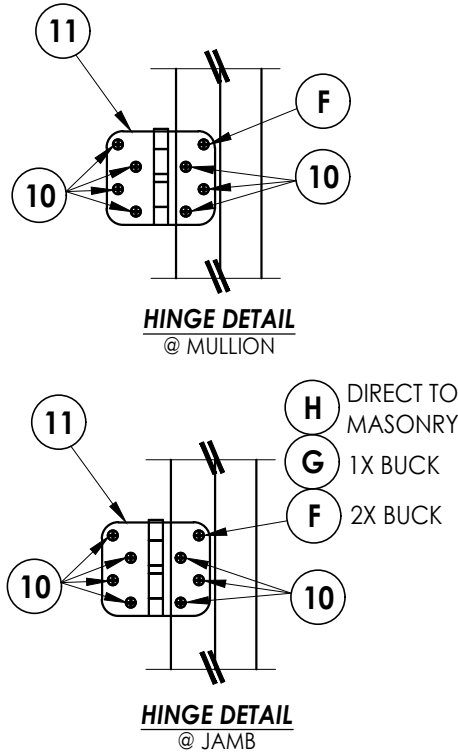
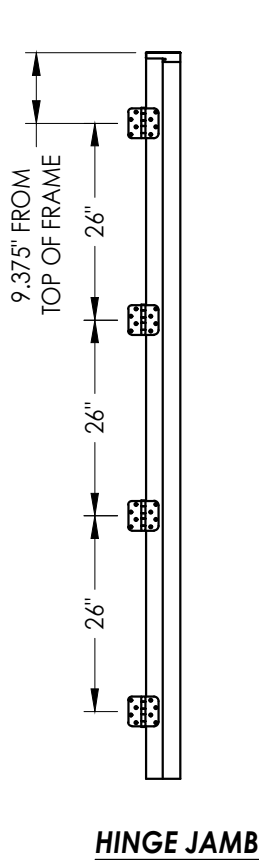
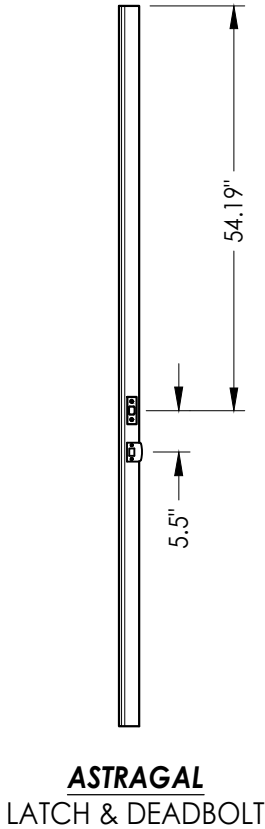
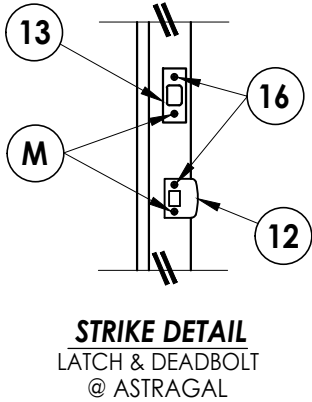
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1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC
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REVISIONS				

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SHEET	10 OF 12

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SCALE:	N.T.S.
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DRAWING NO.:	FL-30006.11
SHEET	11 OF 12

PRODUCT:		WINCORE FIBERGLASS DOOR	
PART OR ASSEMBLY:		HARDWARE DETAILS	
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC
NO.	DATE		BY

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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	PVC/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
16	#8 X 3/4" PFH WOOD SCREW	STEEL
17	WEATHERSTRIP	FOAM
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
35	ASTRAGAL	ALUM
36	#8 X 1" PFH WOOD SCREW	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-
54	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL

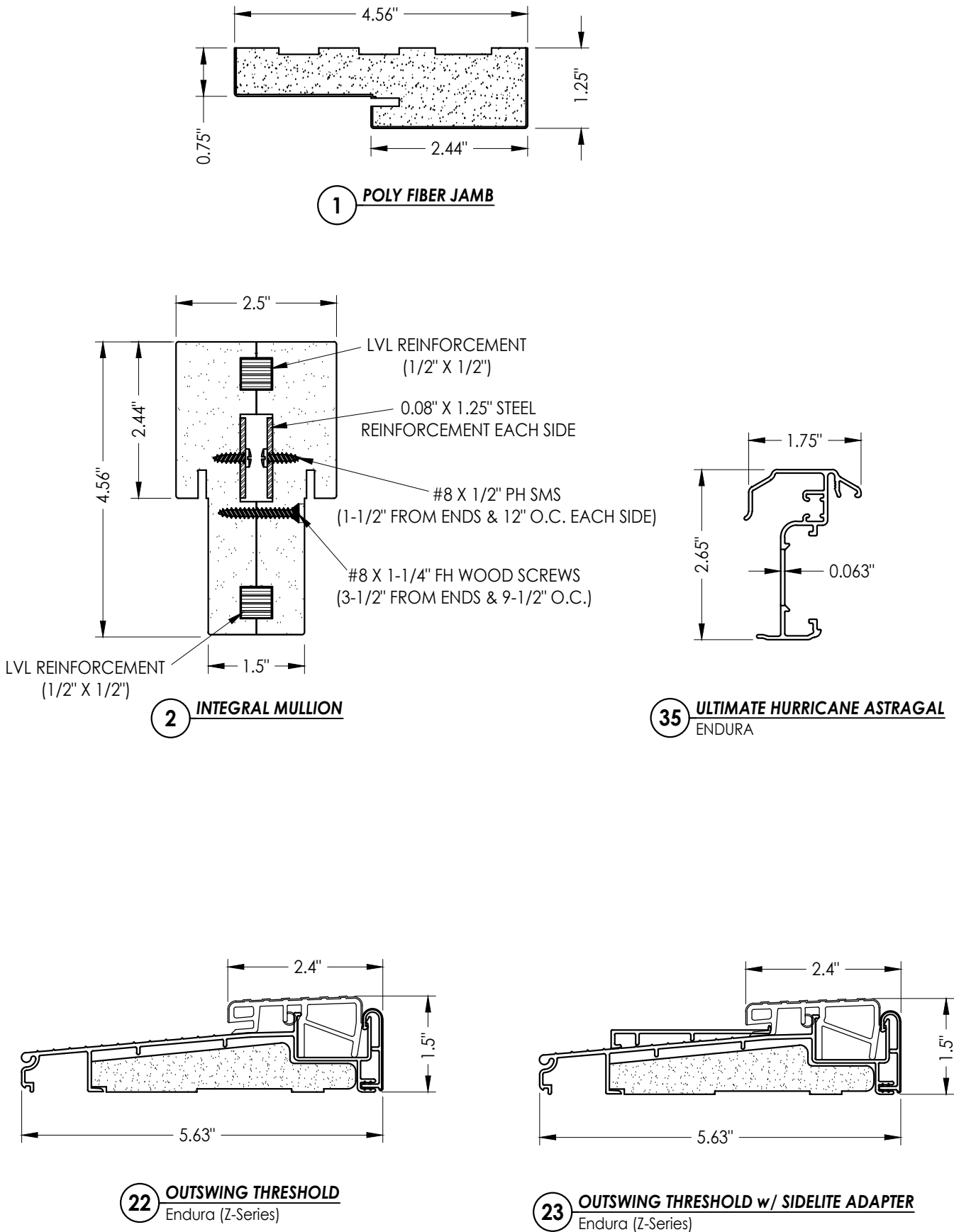
CONCRETE ANCHOR NOTES:

- 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.



Documents Prepared By:

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P.E. No. 43409

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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
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-30006.11

SHEET 12 OF 12