



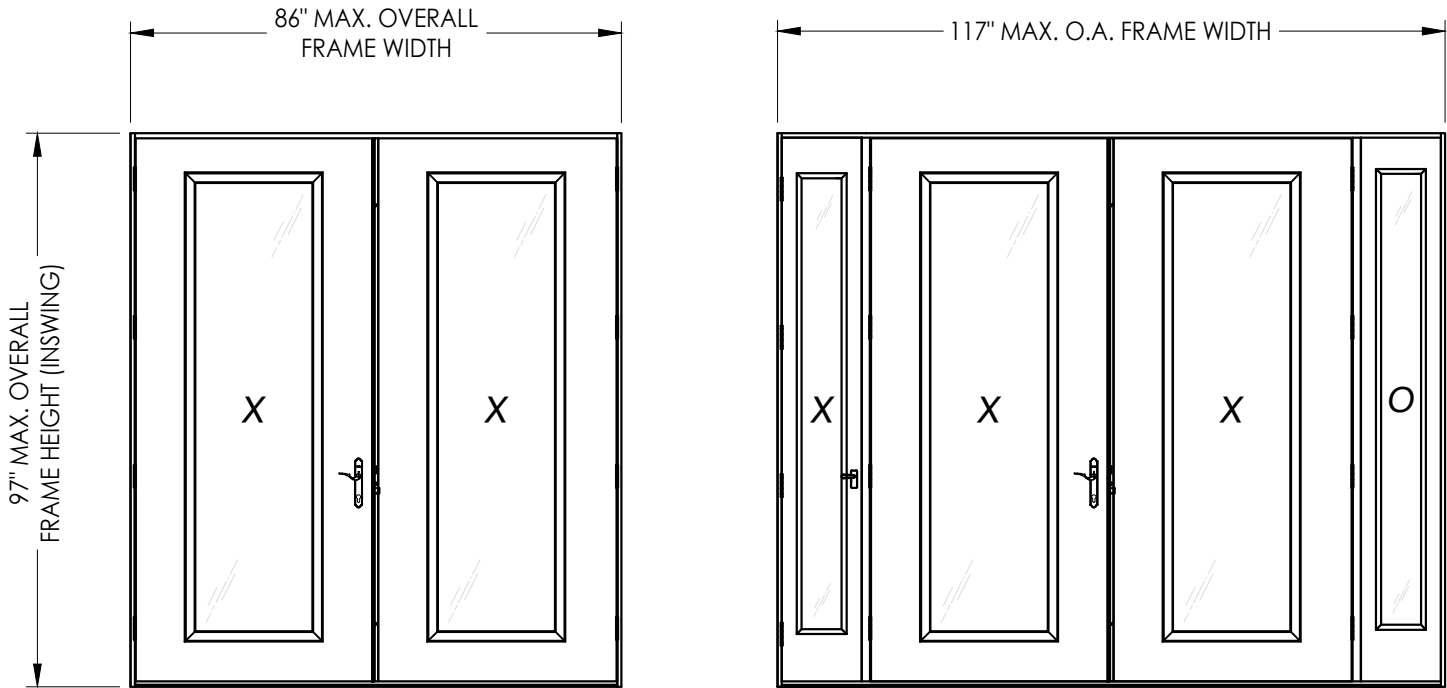
250 Staunton Turnpike, Parkersburg, WV 26104

GLAZED FIBERGLASS DOUBLE DOOR
w/ or w/out FIXED/VENTED SIDELITES
INSWING
"NON-IMPACT"

GENERAL NOTES

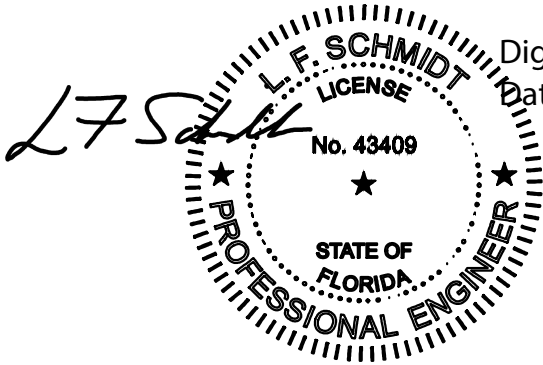
- 1. This product anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
- 2. Product anchors shall be as listed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

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SHEET #	DESCRIPTION
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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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
XX	86.0" x 97.0"	+45.0	-50.0
OXXO, XXXX	117.0 x 97.0"	+45.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:03:51 -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: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.12

SHEET 1 OF 12

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

REVISIONS

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

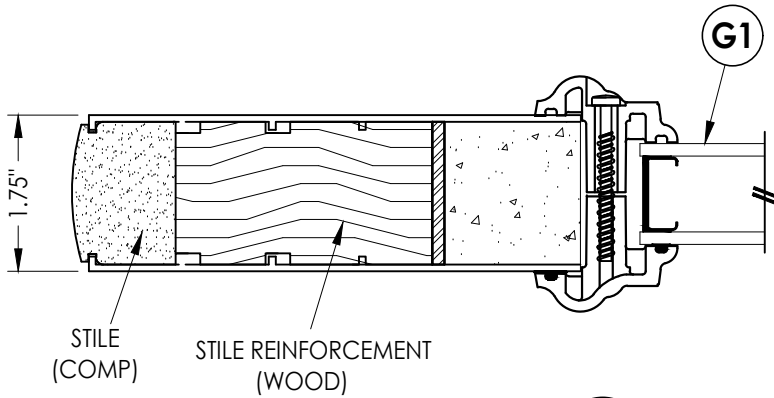
DRAWING NO.: FL-30006.12

SHEET 1 OF 12

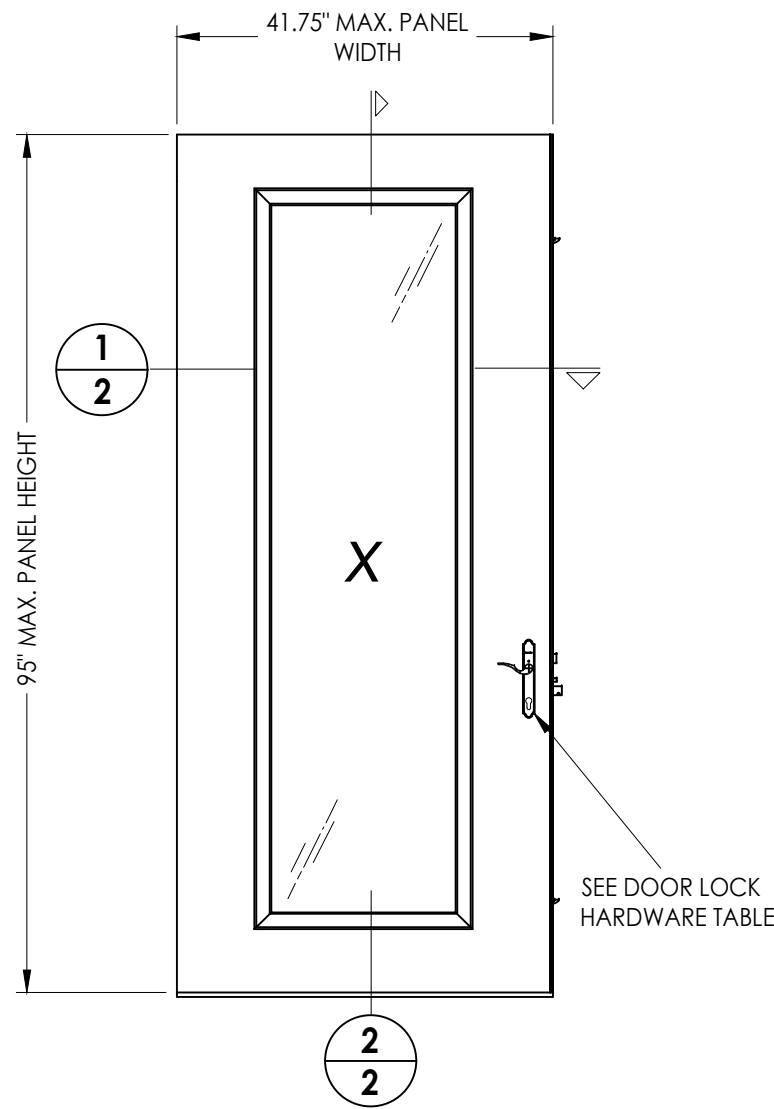
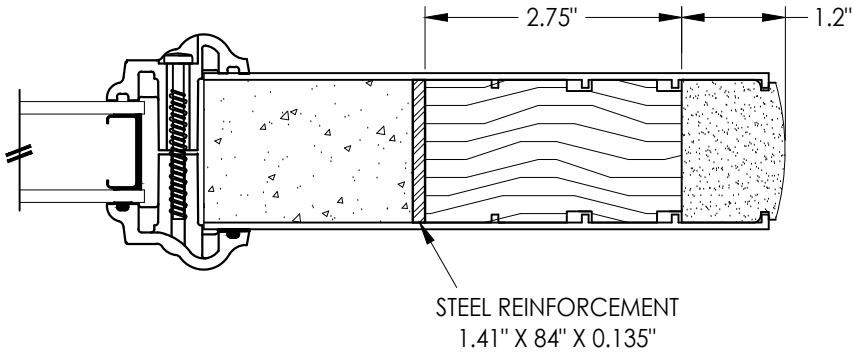
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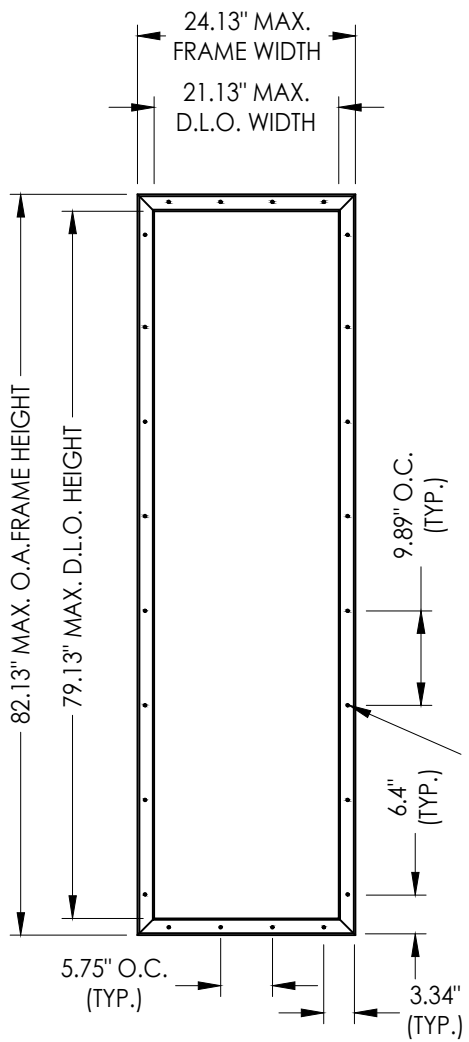


1
2 **HORIZONTAL CROSS SECTION**



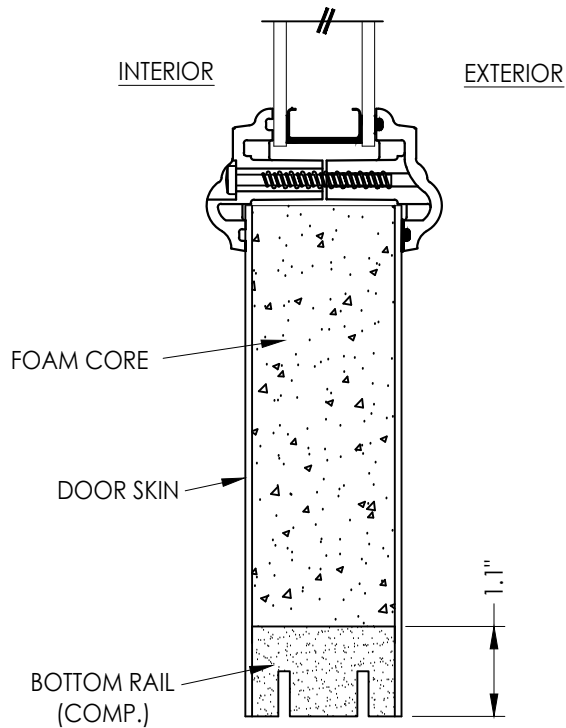
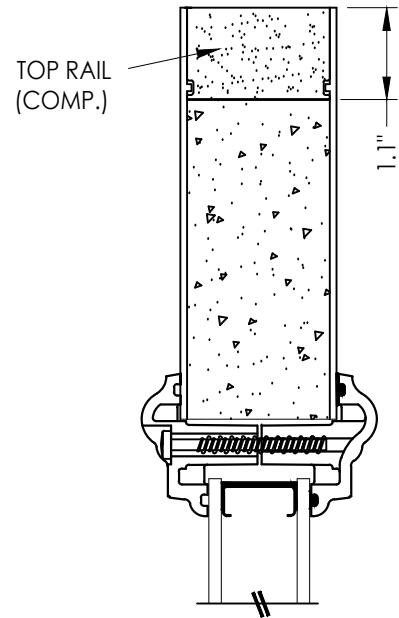
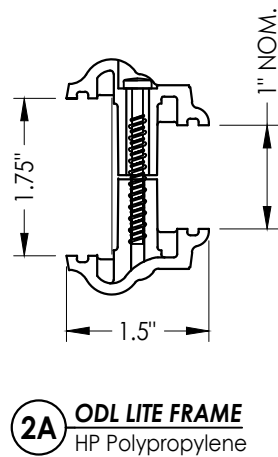
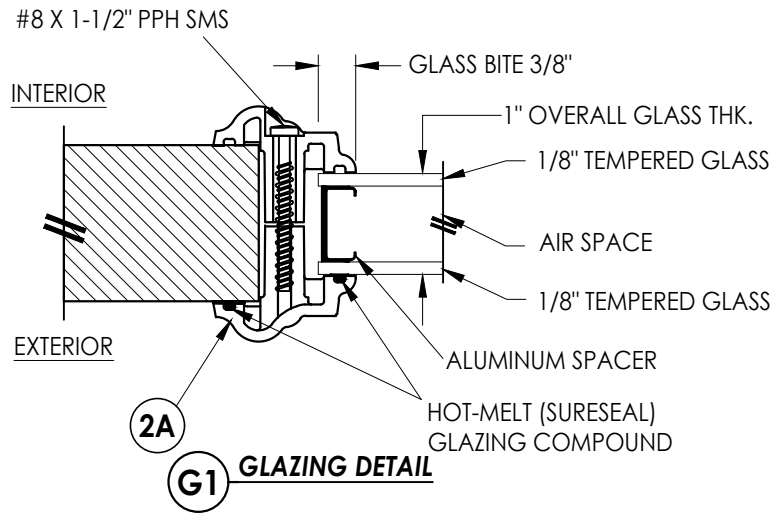
40 **DOOR PANEL**
Plastpro Fiberglass

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



ODL LITE FRAME

DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
TRILENNIUM	3000 SERIES MULTI-POINT LOCK (3pt.)



2
2 **VERTICAL CROSS SECTION**

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PRODUCT:
WINCORE
FIBERGLASS DOOR

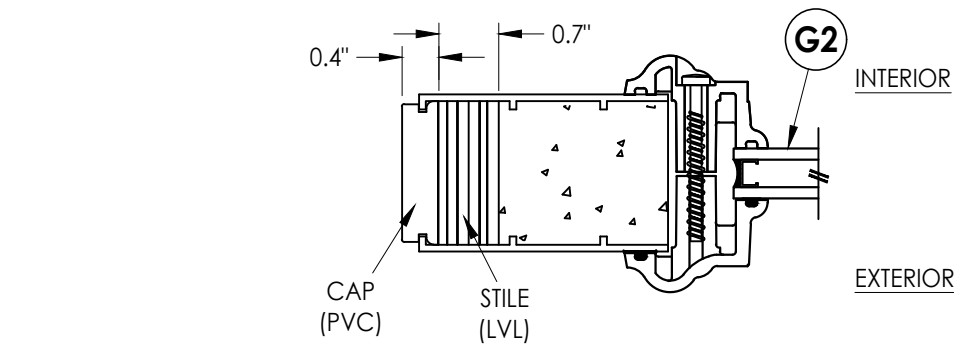
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PART OR ASSEMBLY:
DOOR PANEL DETAILS

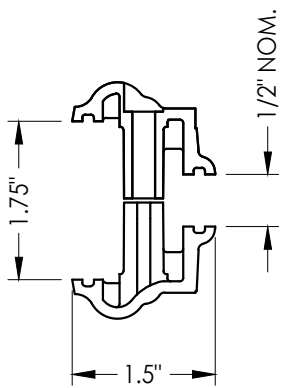
REVISIONS			
NO.	DATE	BY	REVISIONS
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1	8/20/20	DAC	UPDATE TO 7TH ED. (2020) FBC

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DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.12
SHEET	2 OF 12

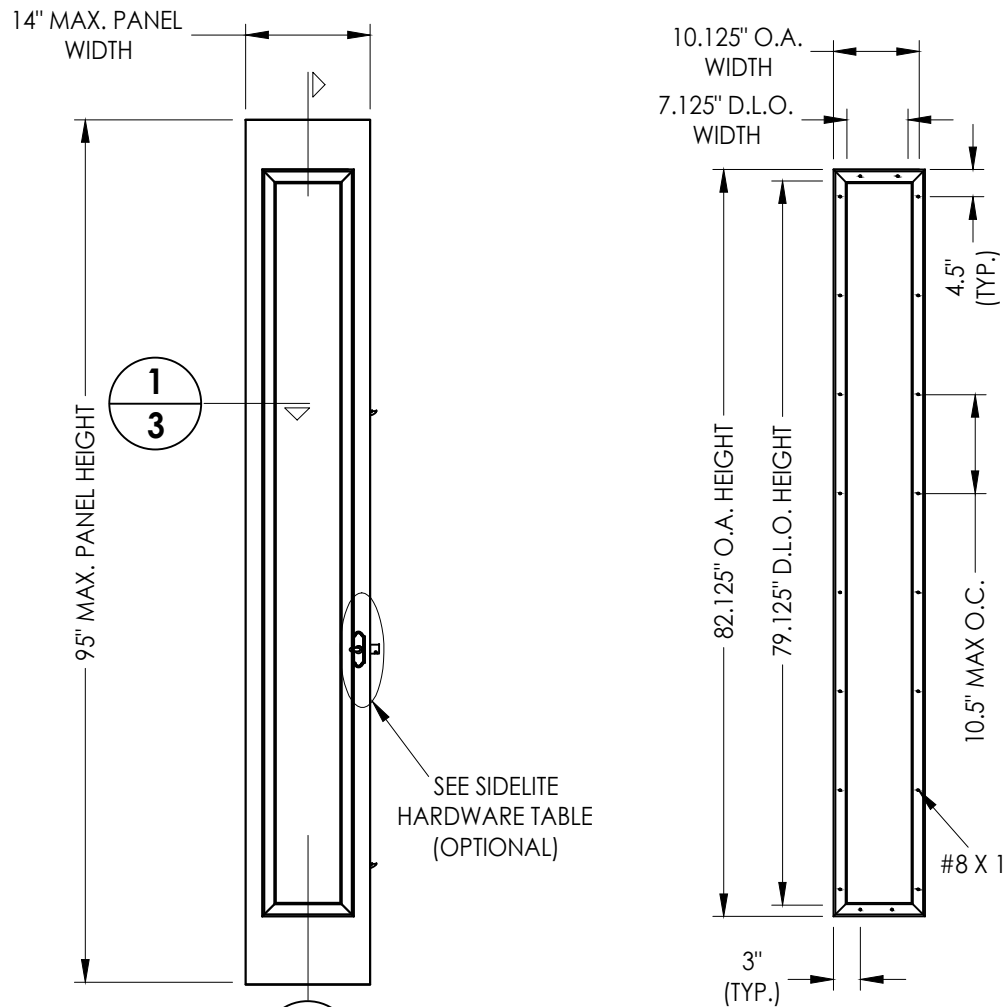
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1
3 HORIZONTAL CROSS SECTION



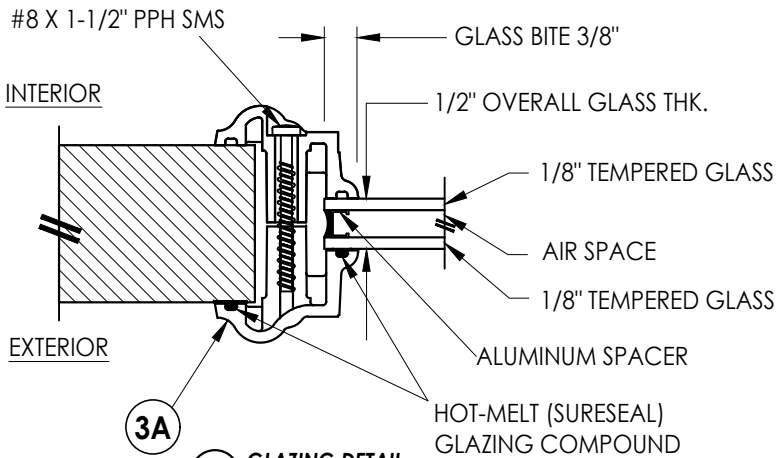
3A OD LITE FRAME
HP Polypropylene



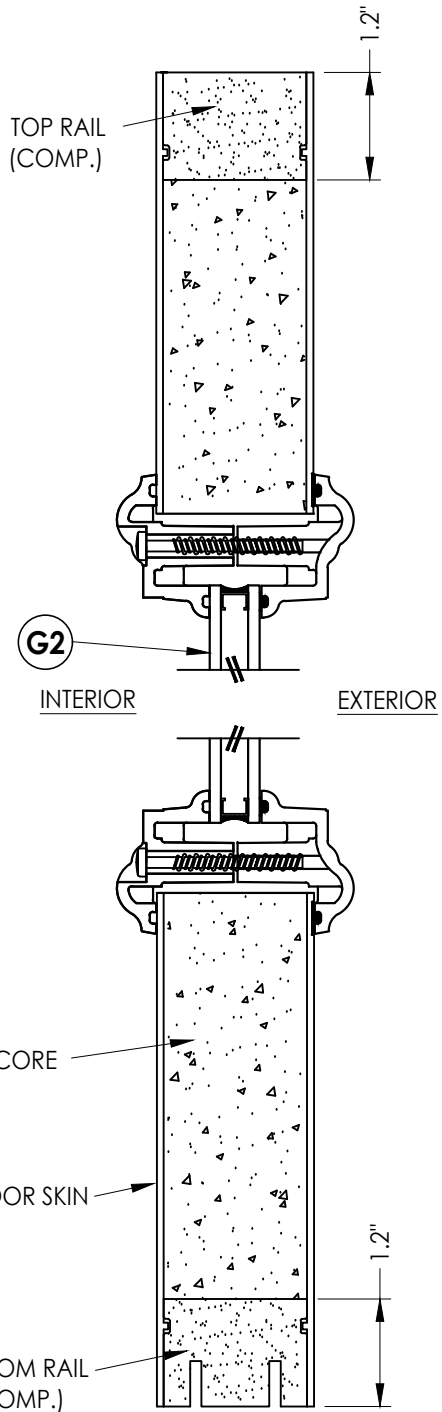
2
3

50 SIDELITE PANEL (FIXED/VENTED)
Plastpro Fiberglass

SIDELITE SKIN: FIBERGLASS SKIN (0.080" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



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



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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS

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

DATE: 6/27/19

SCALE: N.T.S.

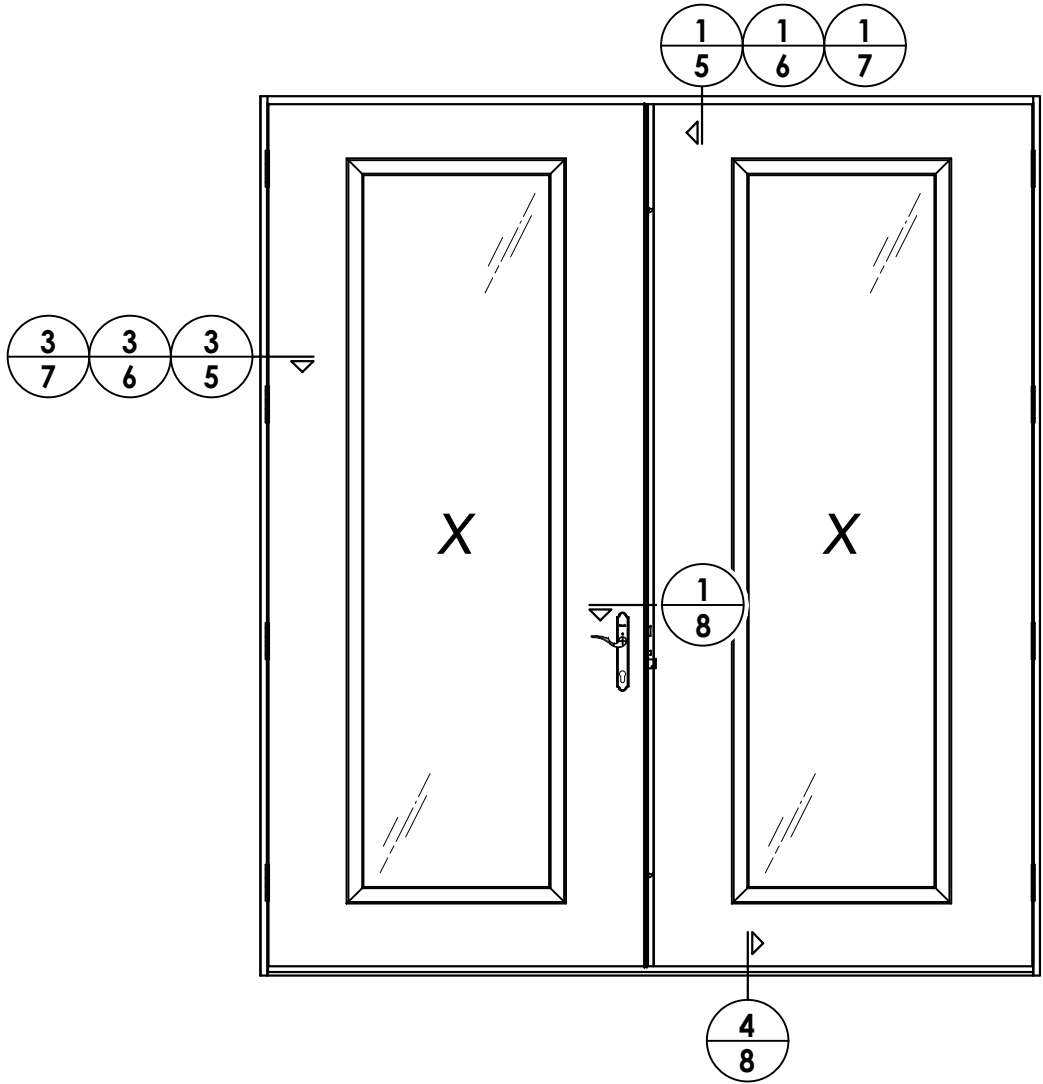
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CHK. BY: LFS

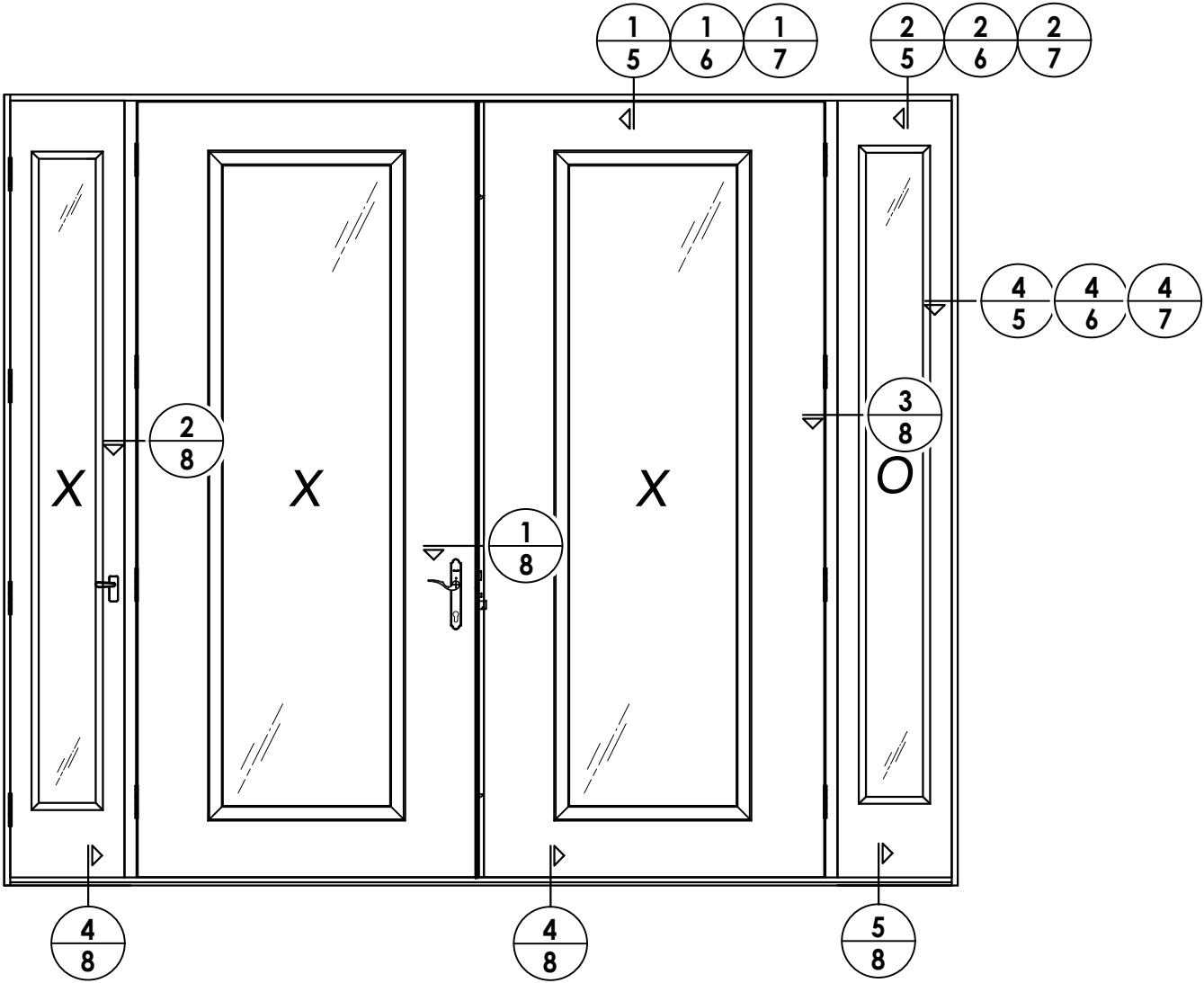
DRAWING NO.: FL-30006.12

SHEET 3 OF 12

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ELEVATION
XX



ELEVATION
OXXO, XXXX

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.12

SHEET 4 OF 12

PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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1	8/20/20

UPDATE TO 8TH ED. (2023)	FBC	LFS
UPDATE TO 7th ED. (2020)	FBC	DAC
		BY

[illegible]

0.15" C'SINK

1

SEE NOTE 1

M

EXTERIOR

INTERIOR

50

C

B

E

D

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

This technical cross-section diagram illustrates a window assembly. On the left, a hatched block represents the interior structure, labeled 'INTERIOR' and '50'. To its right is a vertical section labeled 'EXTERIOR' and 'M', which is a window frame or mullion. A horizontal fastener, labeled 'M', passes through the exterior frame into the interior structure. Above the exterior frame, a small gap is labeled '0.15" C'SINK'. To the right of the exterior frame is a vertical section labeled 'C', which is a cavity or channel. Further right is a vertical section labeled 'B', which is a structural member. To the right of 'B' is a vertical section labeled 'E', which is a layer of insulation or weatherstripping. On the far right is a vertical section labeled 'D', which is another layer of insulation or weatherstripping. A horizontal fastener, labeled 'D', passes through the 'B' and 'E' sections. A dimension line at the bottom right indicates a minimum embedding length of '1-1/4" MIN. EMB. (TYP.)' for the fastener 'D'. Various other labels and dimensions are present, including '1', 'SEE NOTE 1', and '1.5" MIN. EMB. (TYP.)'.

NOTE:

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

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

J

E

A

C

1

50

INTERIOR

EXTERIOR

0.15" C'SINK

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

1

SEE NOTE 1

M

EXTERIOR

INTERIOR

50

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

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V

W

X

Y

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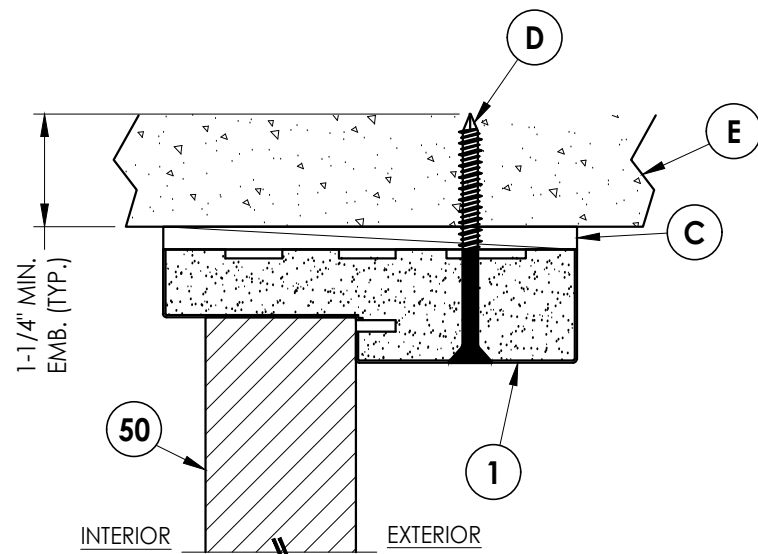
NOTE:

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

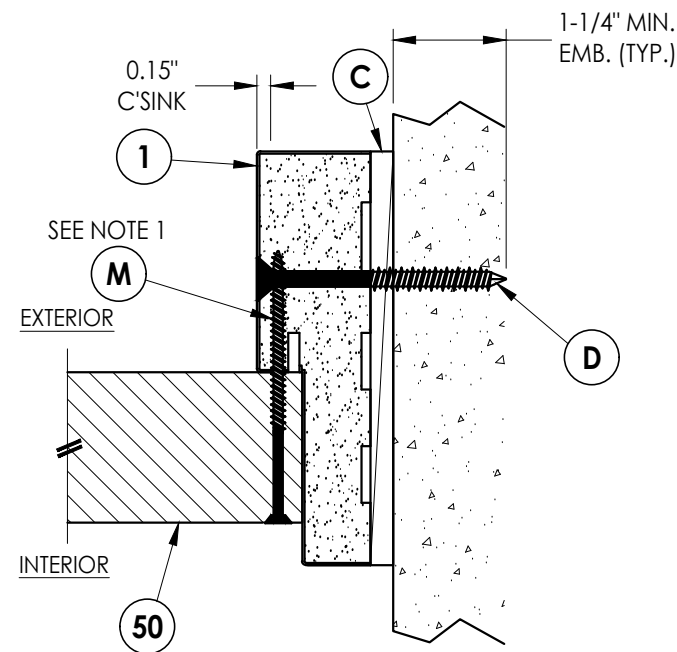
DATE: 6/27/19		PRODUCT: WINCORE FIBERGLASS DOOR	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30006.12			
SHEET 6 OF 12			

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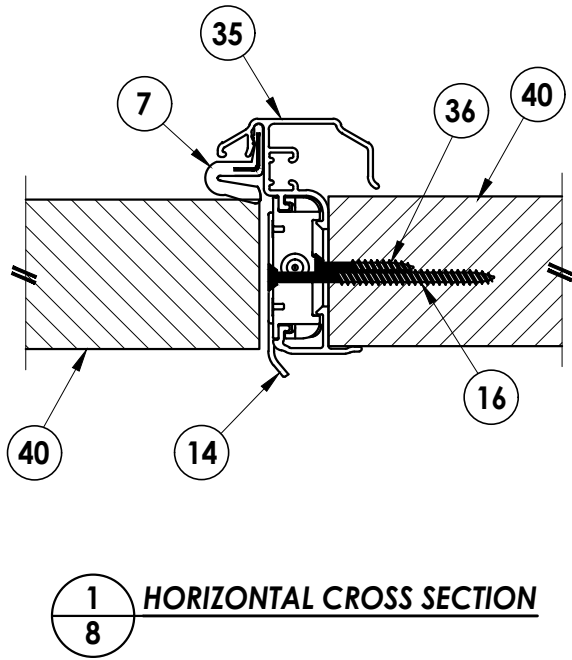
2 **VERTICAL CROSS SECTION**
7 Inswing shown
 Direct to Masonry Construction



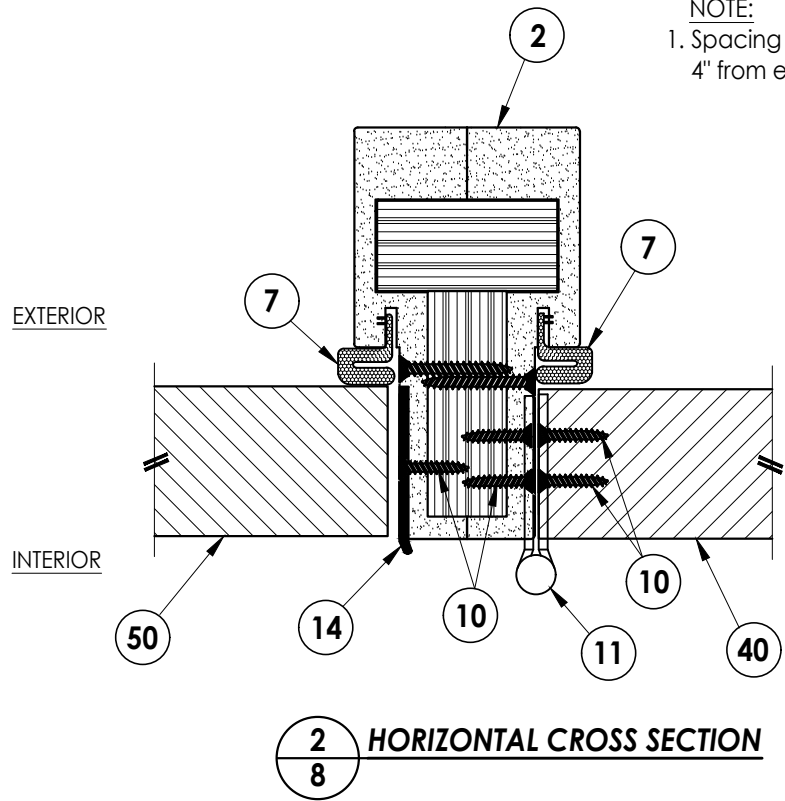
4 **HORIZONTAL CROSS SECTION**
7 Inswing shown
Direct to Masonry Construction

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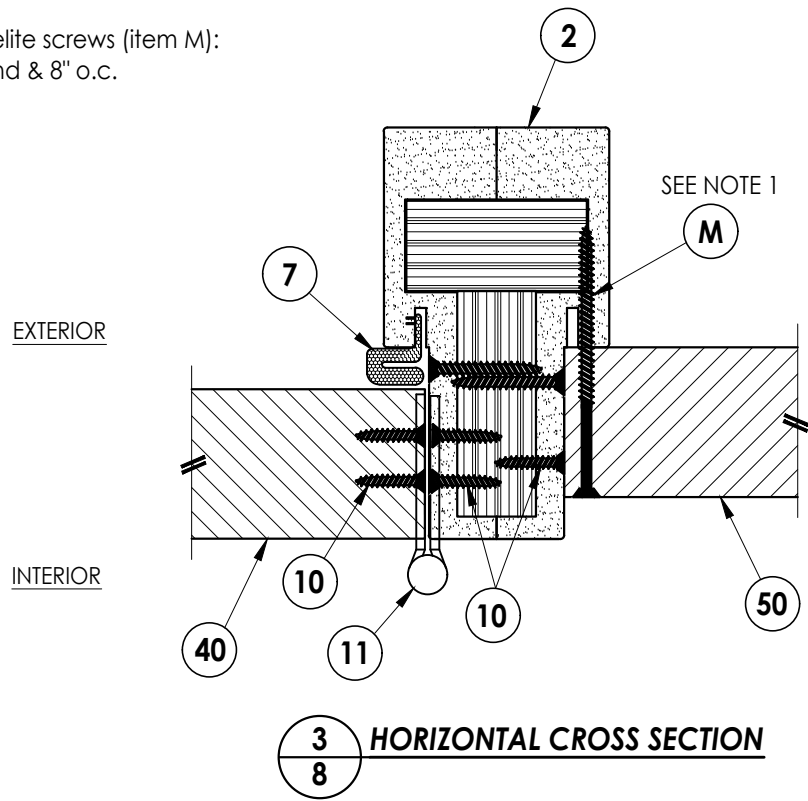
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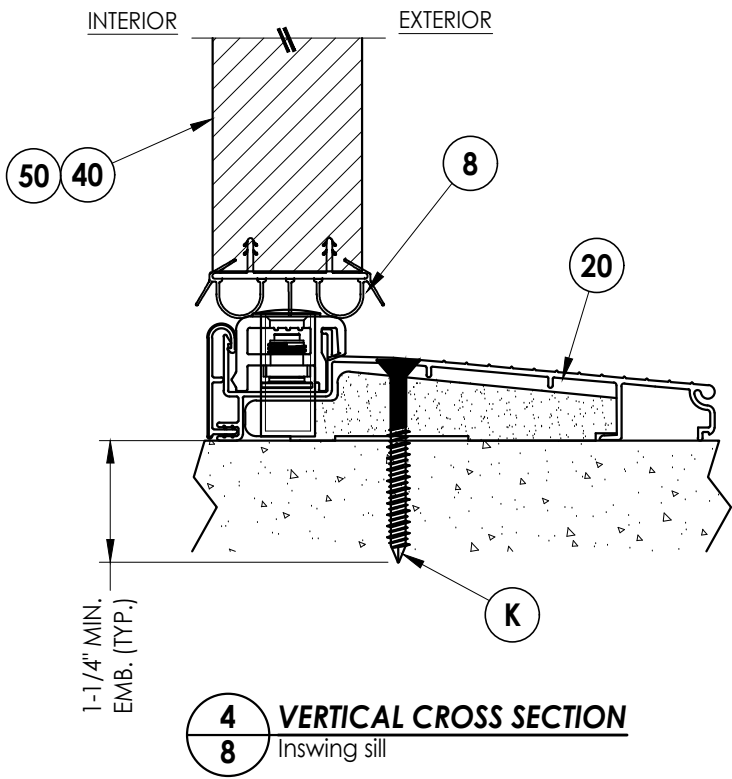
1
8 HORIZONTAL CROSS SECTION



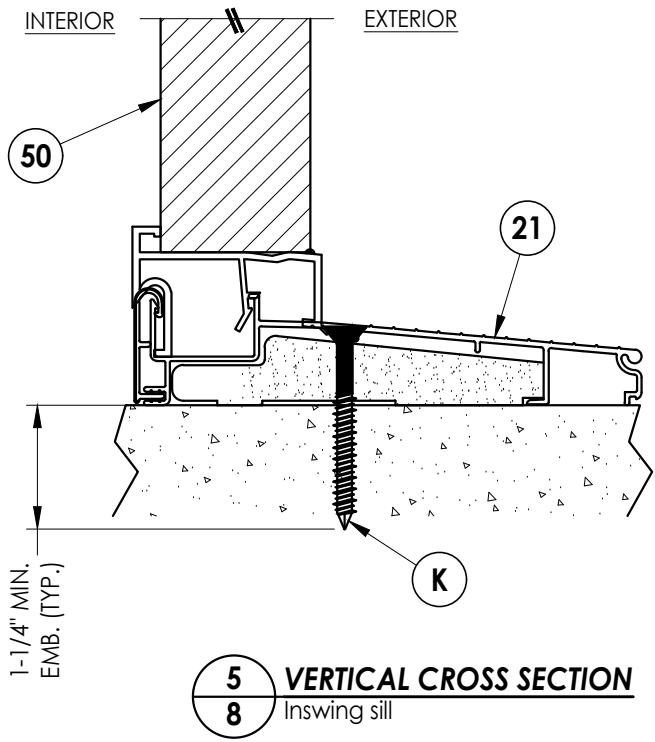
2
8 HORIZONTAL CROSS SECTION



3
8 HORIZONTAL CROSS SECTION



4
8 VERTICAL CROSS SECTION
Inswing sill



5
8 VERTICAL CROSS SECTION
Inswing sill

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

SEE NOTE 1

Documents Prepared By:
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RW

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		DAC
		BY

DATE: 6/27/19

SCALE: N.T.S.

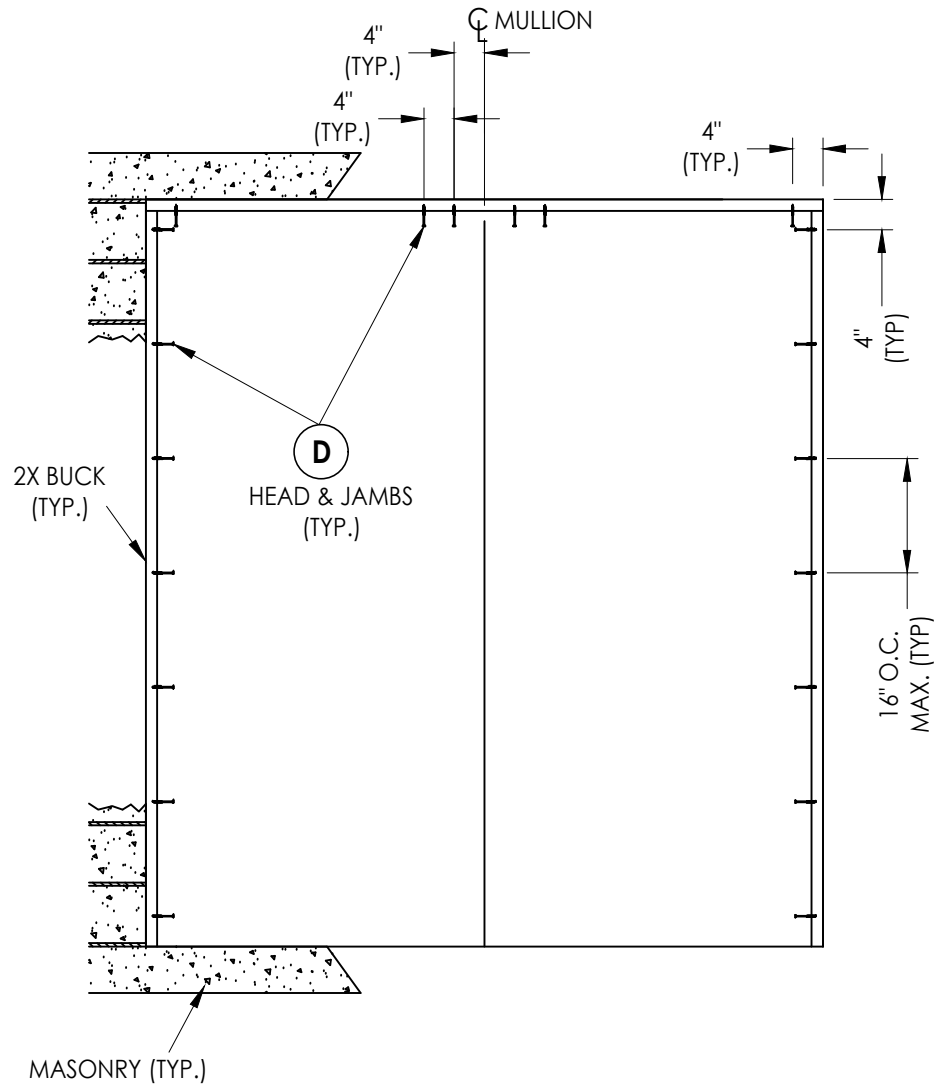
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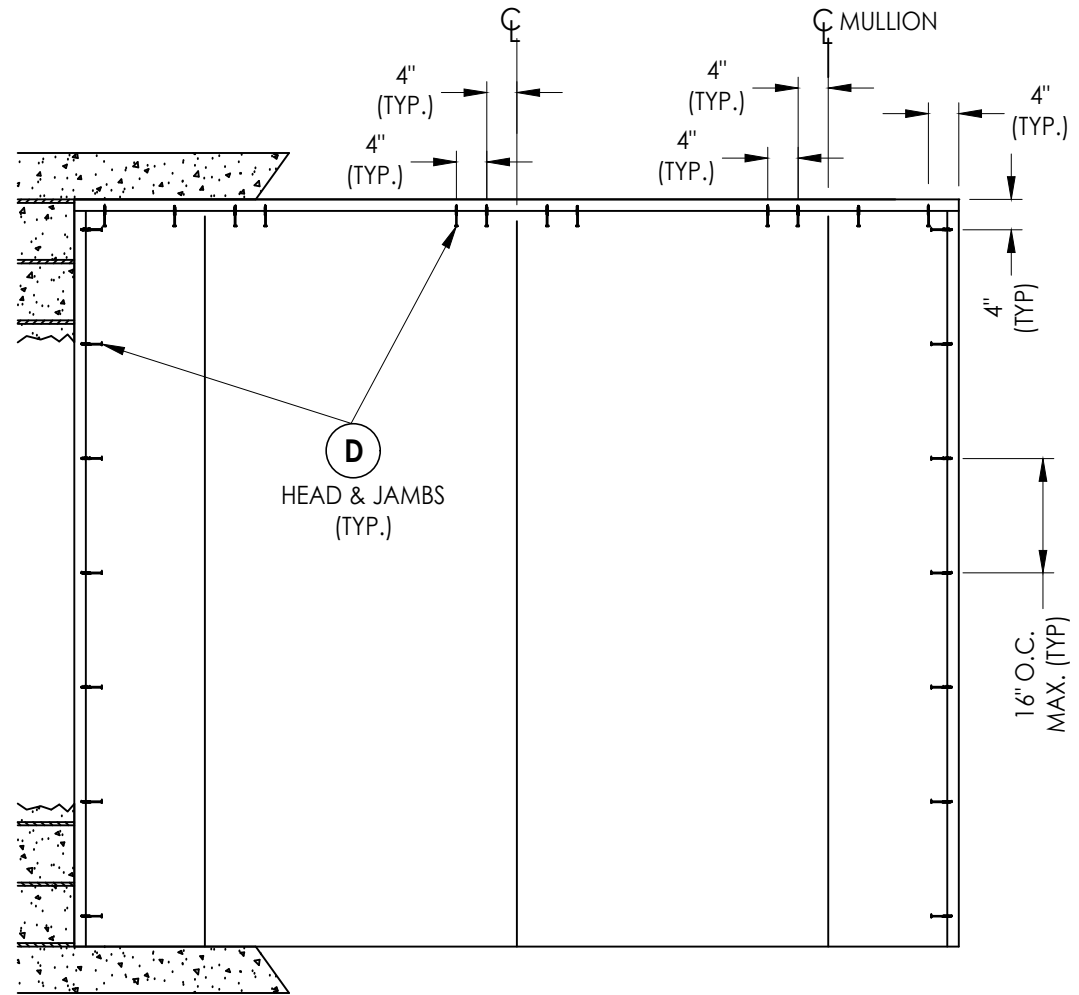
DRAWING NO.:

FL-30006.12

SHEET 8 OF 12



XX



OXXO, XXXX

2X BUCK ANCHORING

[illegible]

DATE: 6/27/19

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

FL-30006.12

SHEET 9 OF 12

PRODUCT:

WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:

BUCK ANCHORING

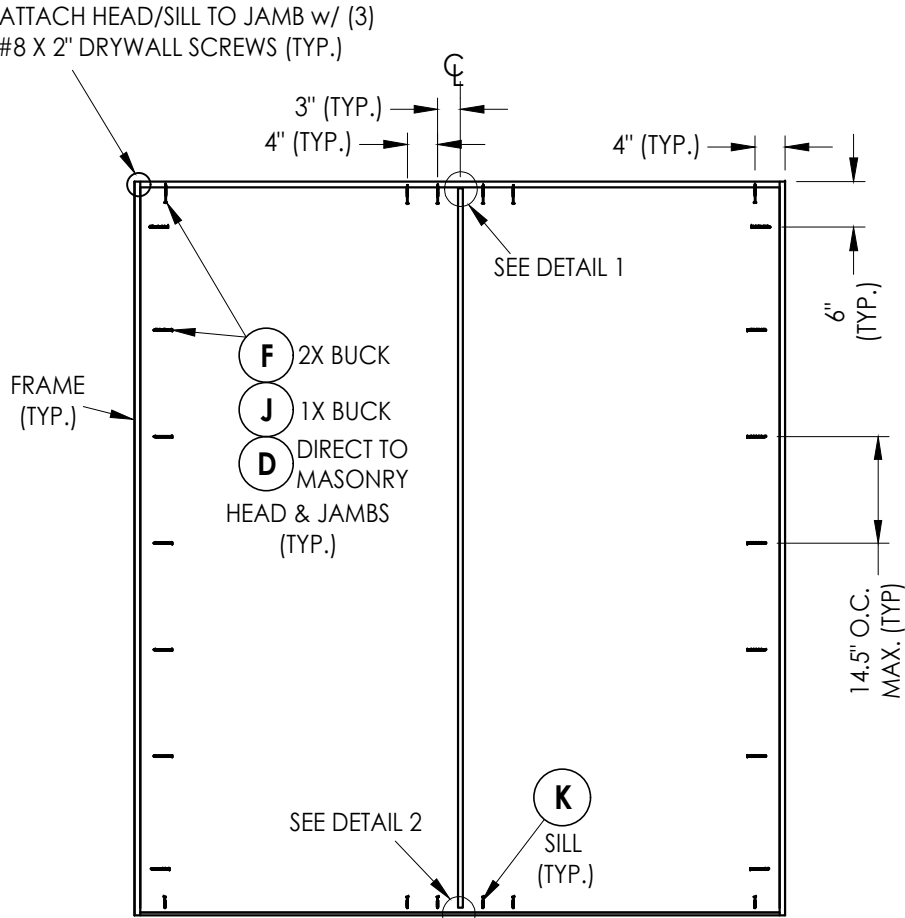
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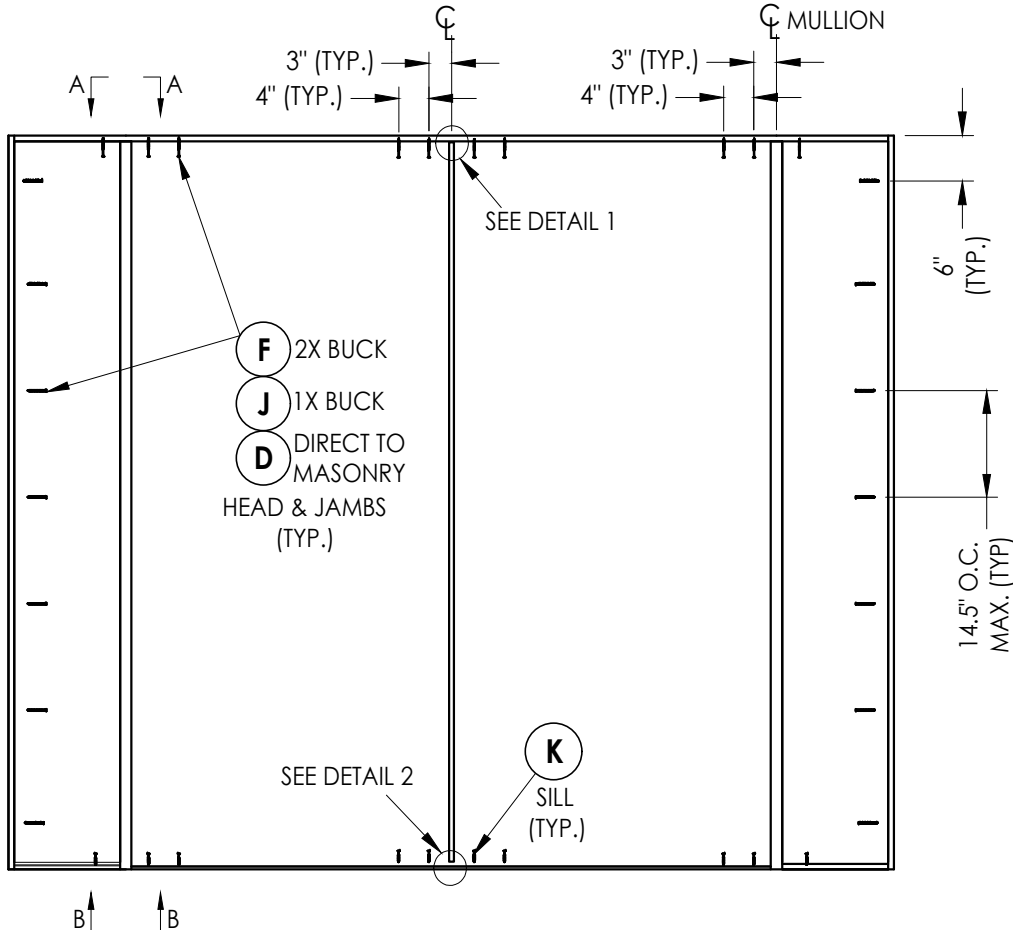
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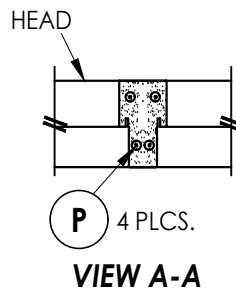


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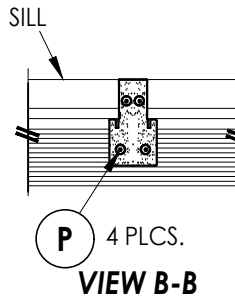


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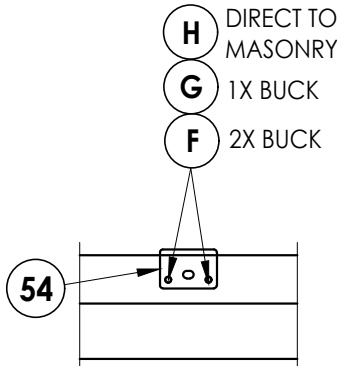
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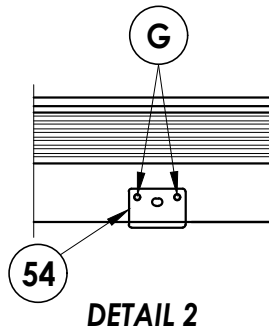
VIEW A-A



VIEW B-B



DETAIL 1



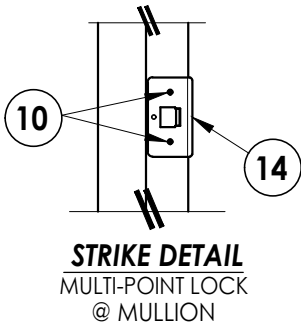
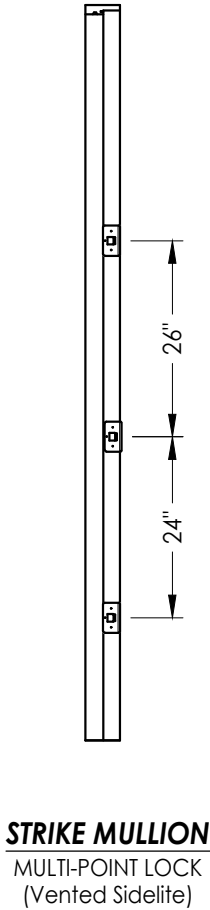
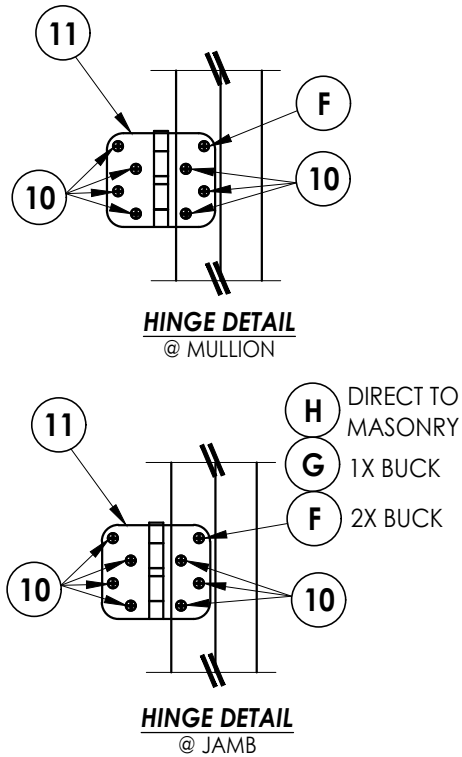
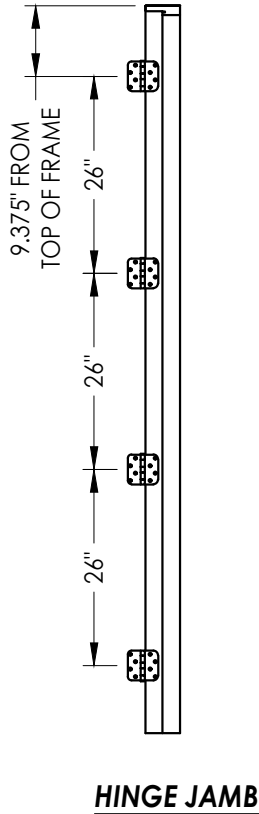
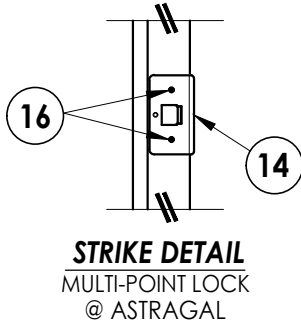
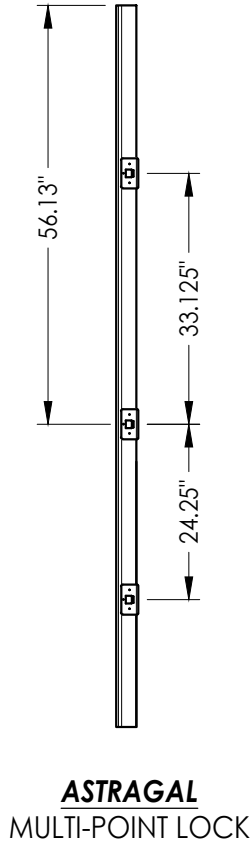
DETAIL 2

[illegible]

PRODUCT: WINCORE FIBERGLASS DOOR	PART OR ASSEMBLY: FRAME ANCHORING
--	--------------------------------------

Documents Prepared By:
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SHEET	11 OF 12

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

PRODUCT:	WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

Documents Prepared 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
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
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
14	MULTI-POINT STRIKE PLATE	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
17	WEATHERSTRIP	FOAM
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING 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

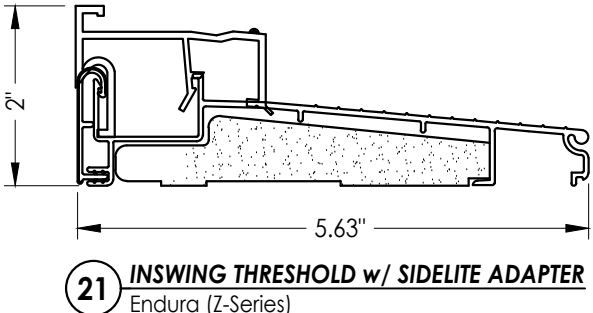
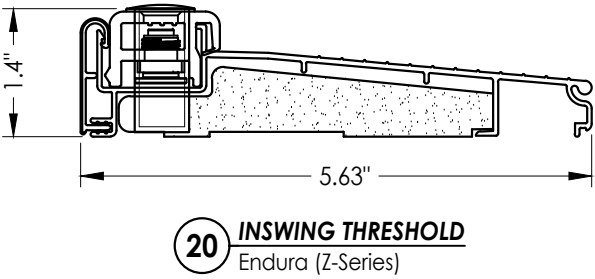
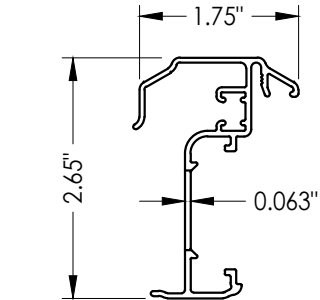
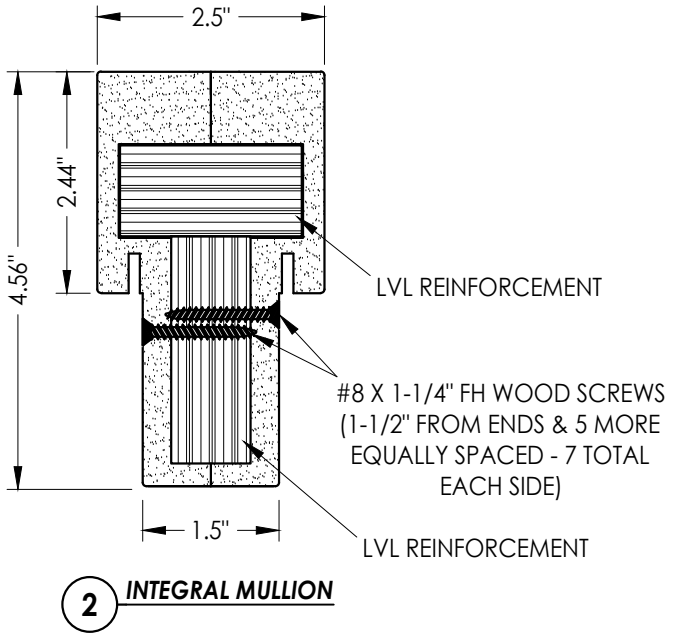
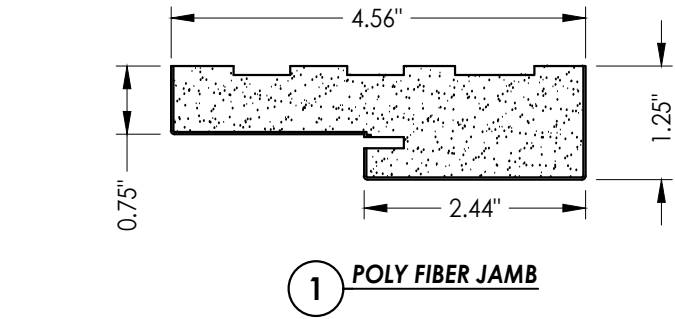
CONCRETE ANCHOR NOTES:

- 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: 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	REVISIONS
		FBC	
	2	7/06/23	UPDATE TO 8TH ED. (2023)
	1	8/20/20	UPDATE TO 7th ED. (2020)
	NO.	DATE	
DATE: 6/27/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30006.12			
SHEET 12 OF 12			