



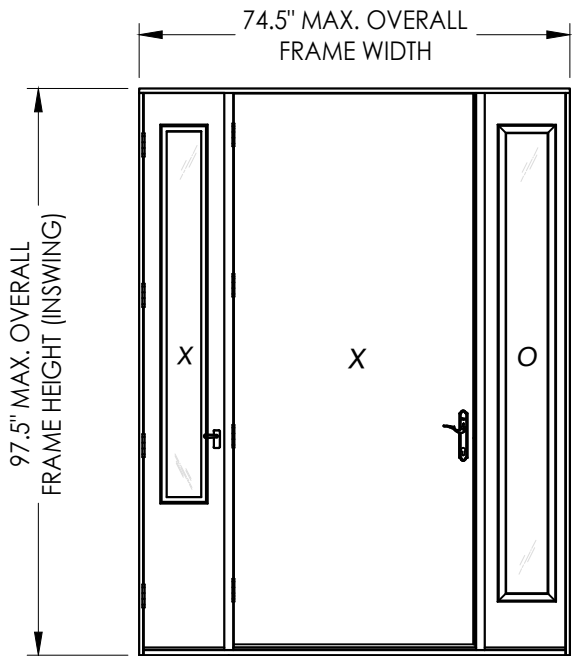
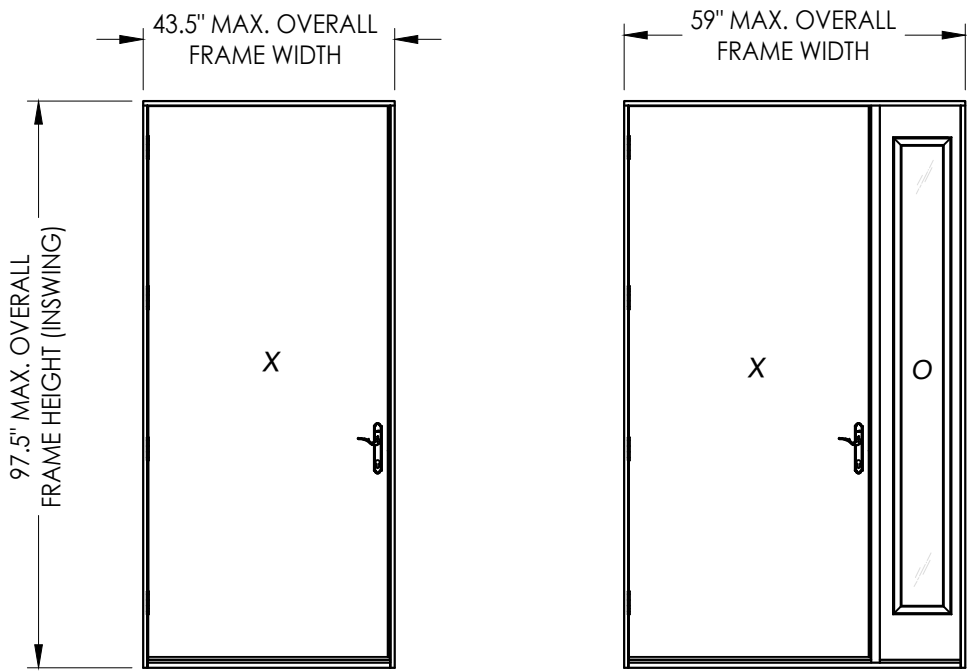
250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS SINGLE DOOR
w/ or w/out FIXED/VENTED SIDELITES
INSWING
"NON-IMPACT"

GENERAL NOTES

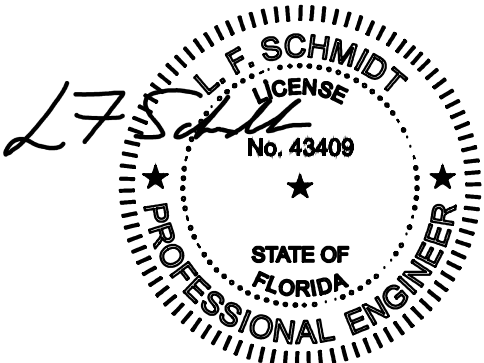
- 1. This product anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
- 2. Product anchors shall be as listed 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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1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details (Vented)
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5	Elevations
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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		INSWING POSITIVE	INSWING NEGATIVE
X	43.5" x 97.5"	+40.0	-45.0
OX, XO, XX	59.0" x 97.5"	+40.0	-45.0
OXO, XXX	74.5" x 97.5"	+40.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 13:58:33 -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

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-30006.7

SHEET 1 OF 13

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

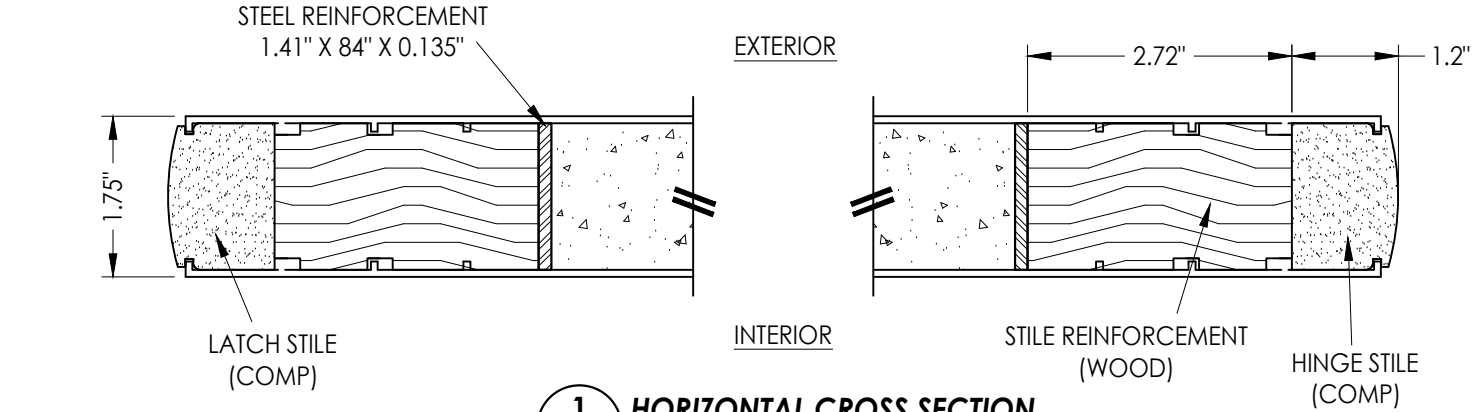
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8/20/20
UPDATE TO 7th ED. (2020) FBC

NO. DATE

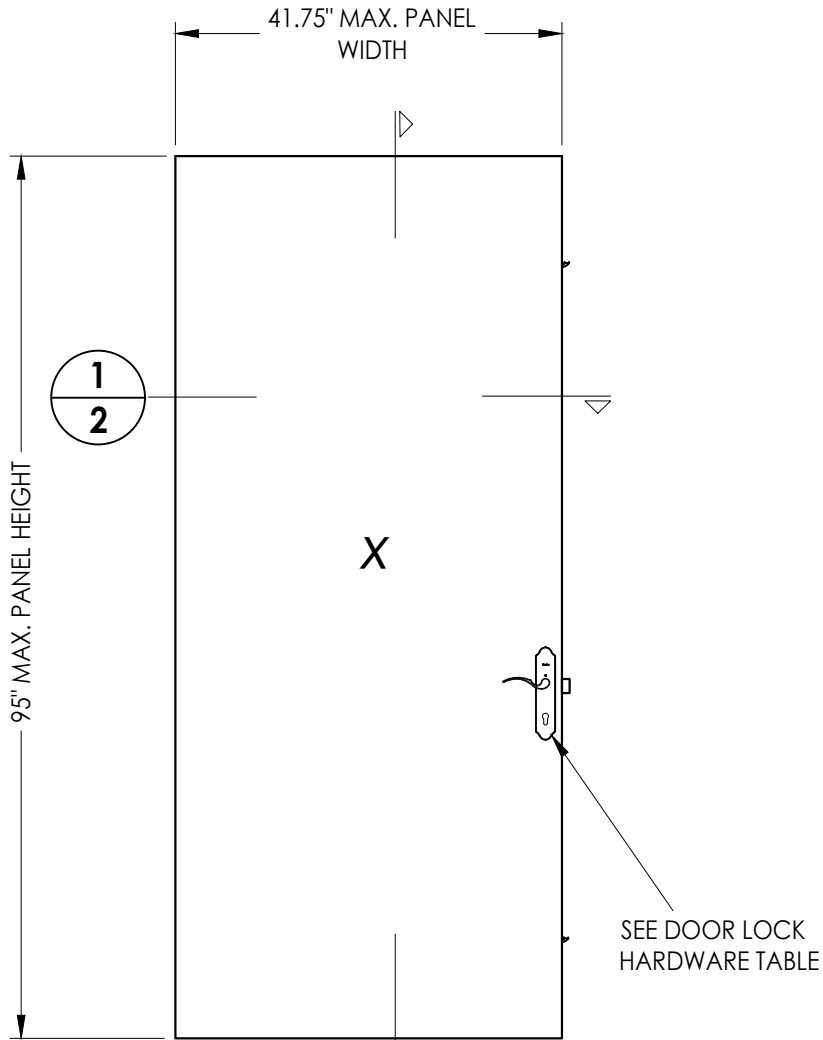
REVISIONS

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**

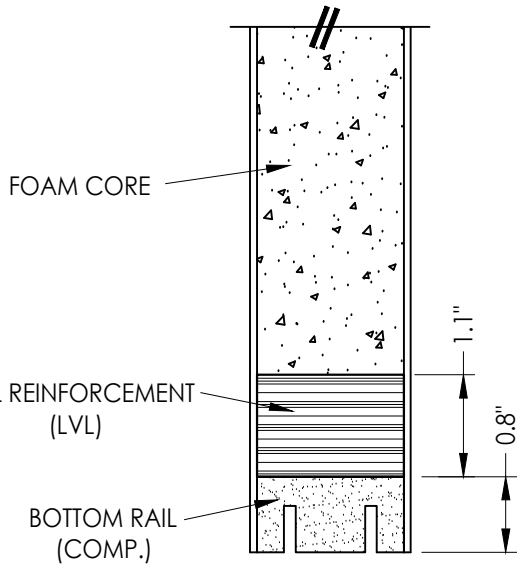
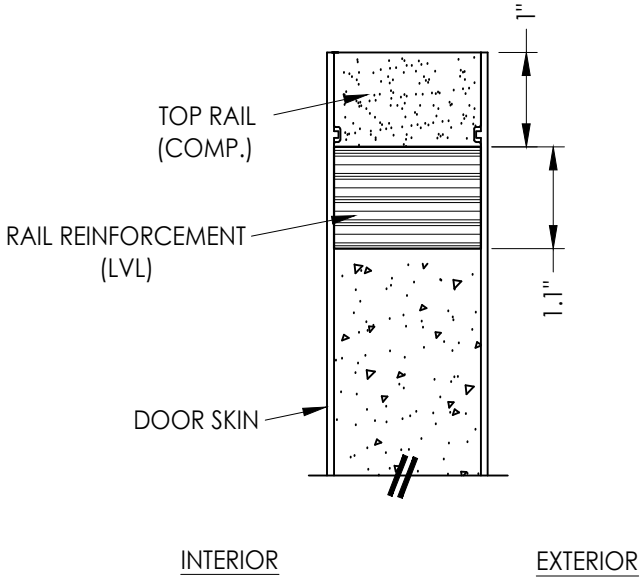


2
2

40 **DOOR PANEL**
Plastpro Fiberglass

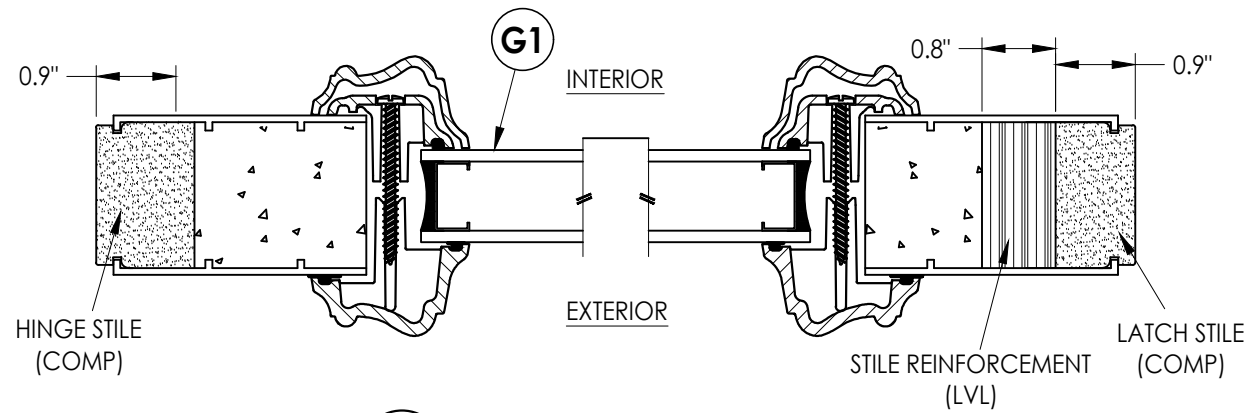
DOOR SKIN: FIBERGLASS SKIN (0.075" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

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

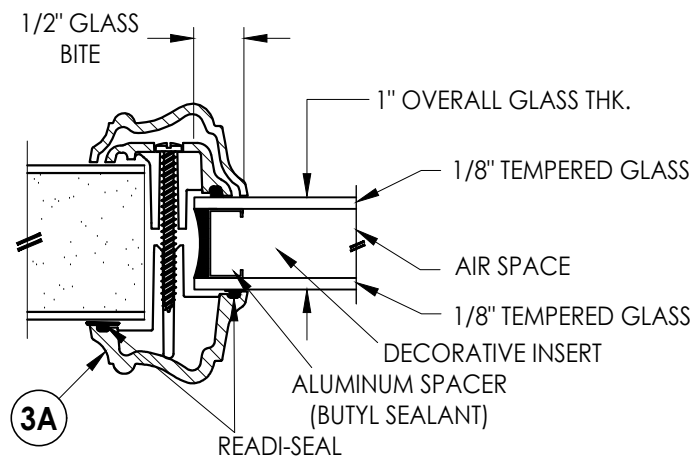


2
2 **VERTICAL CROSS SECTION**

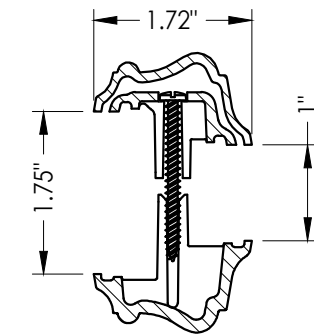
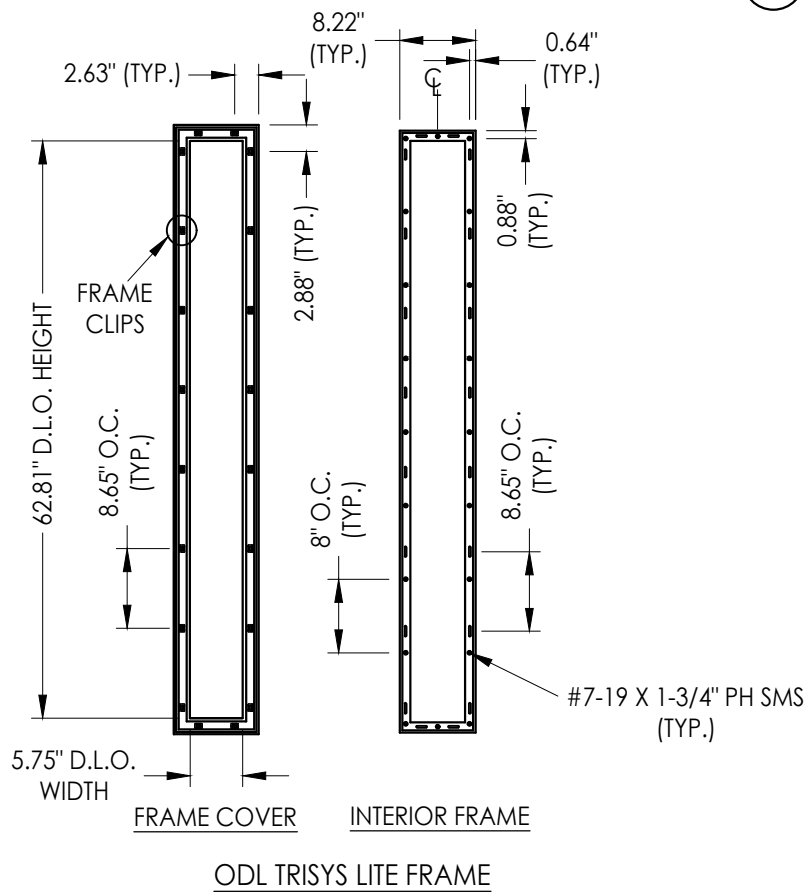
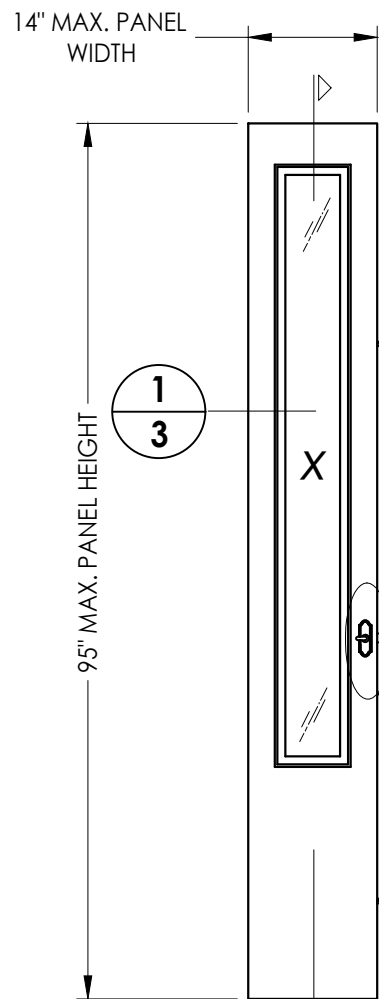
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		LFS	BY
		DAC	BY
		DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH 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-30006.7			
SHEET 2 OF 13			



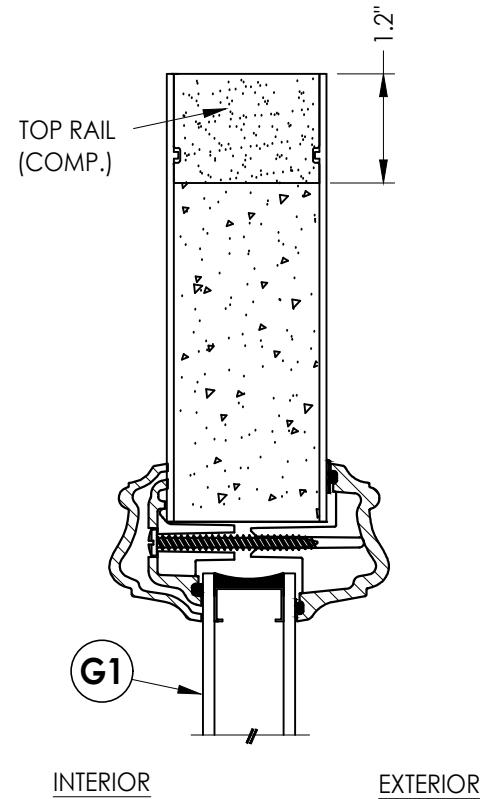
1
3 **HORIZONTAL CROSS SECTION**



G1 **GLAZING DETAIL**



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



2
3 **VERTICAL CROSS SECTION**

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

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

SIDELITE LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
TRUTH	SIDELITE MULTI-POINT LOCK (3pt. TONGUE)

Documents Prepared By:
Lyndon F. Schmidt
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RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS (VENTED)

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.

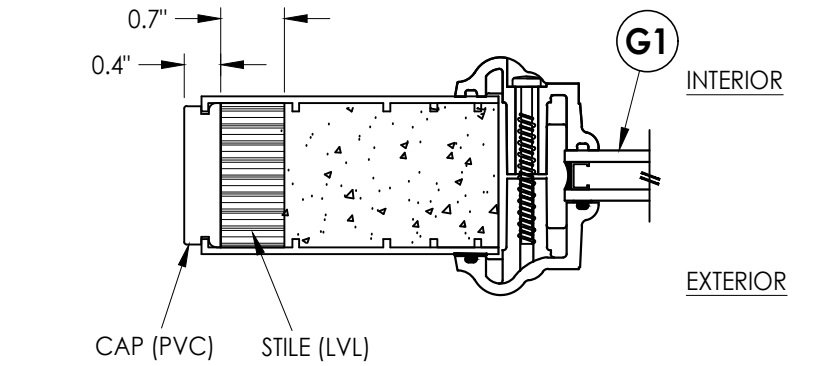
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CHK. BY: LFS

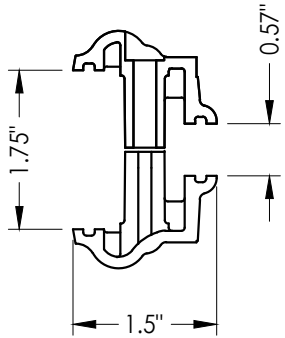
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SHEET 3 OF 13

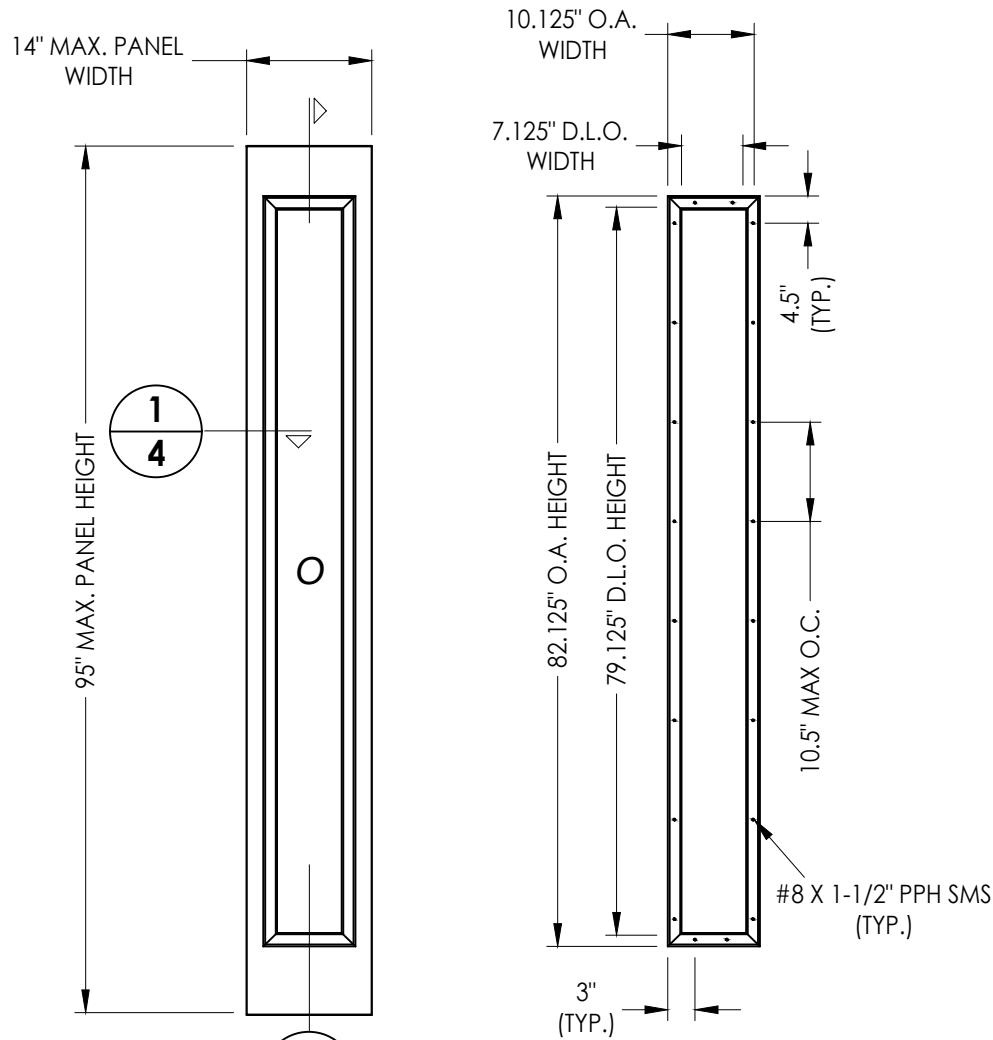
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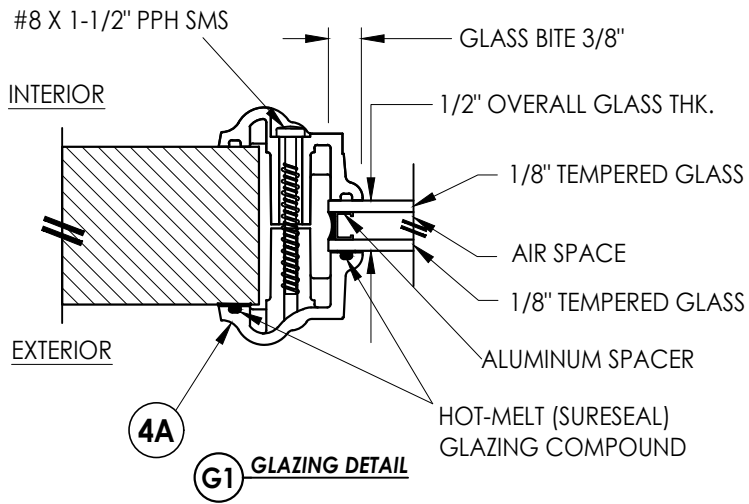
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4 HORIZONTAL CROSS SECTION



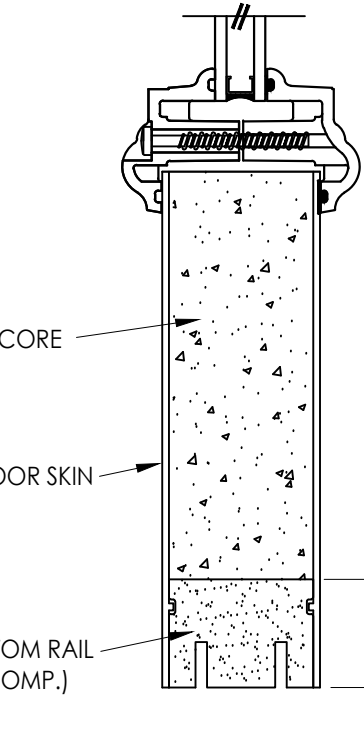
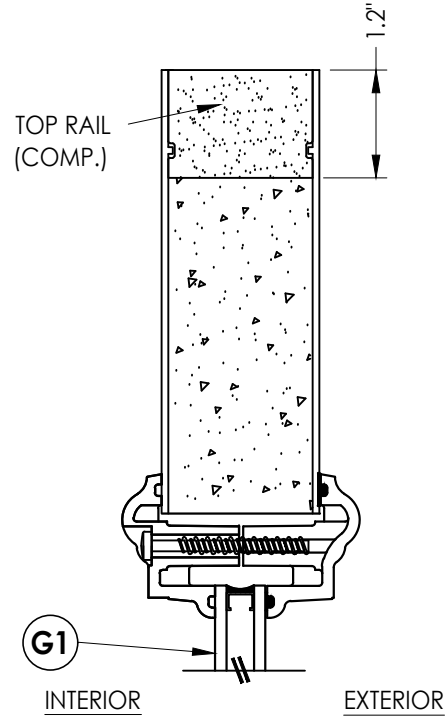
4A ODL LITE FRAME
HP Polypropylene



2
4 50 SIDELITE PANEL (FIXED)
Plastpro Fiberglass



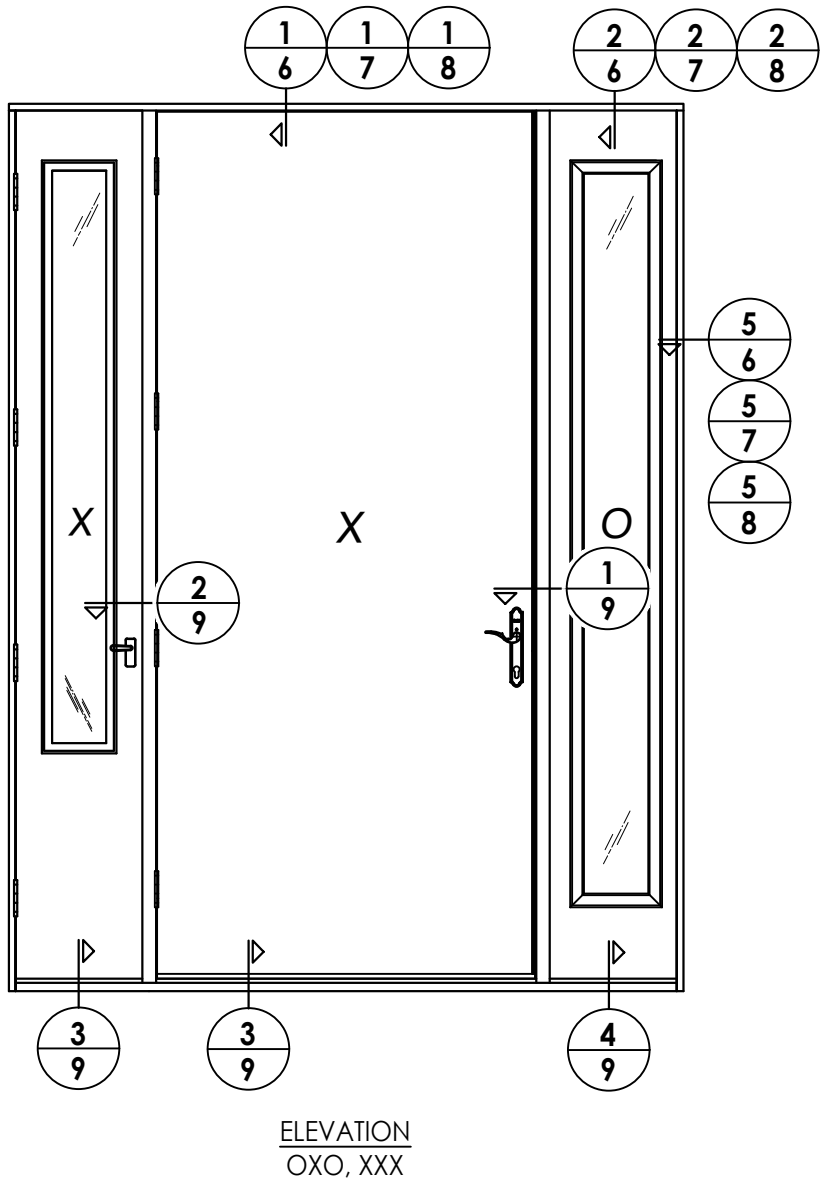
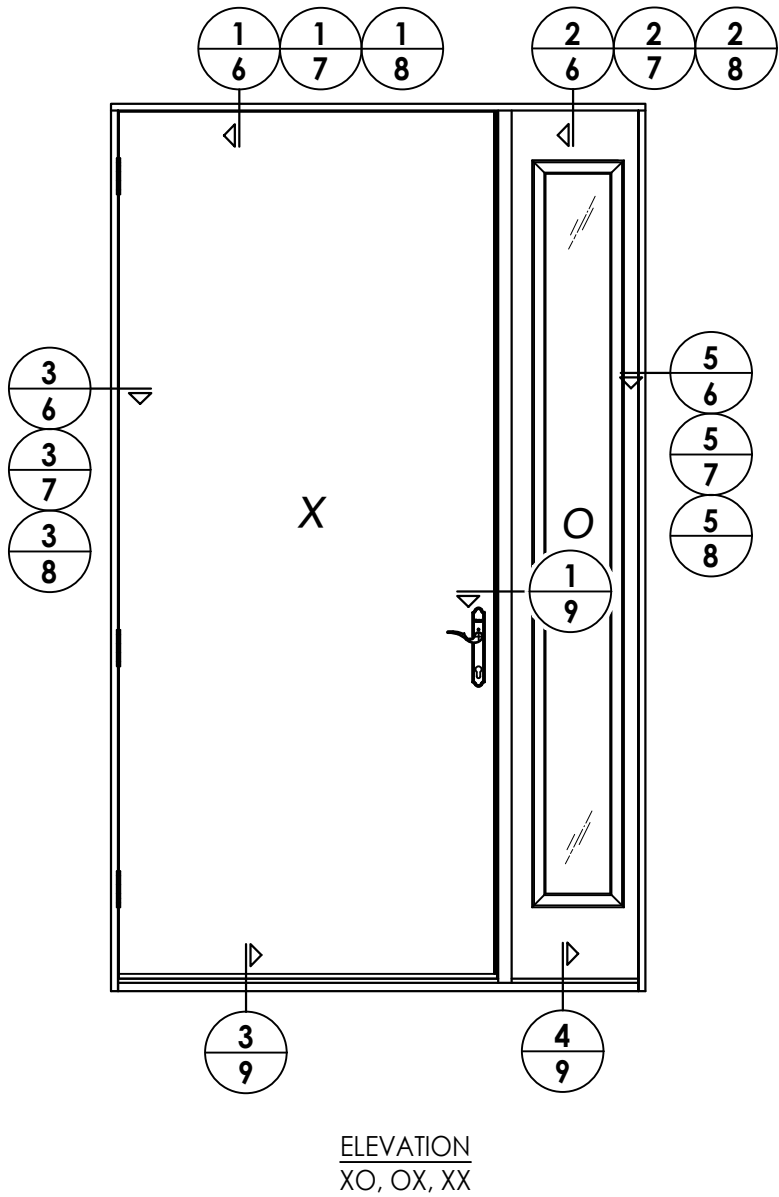
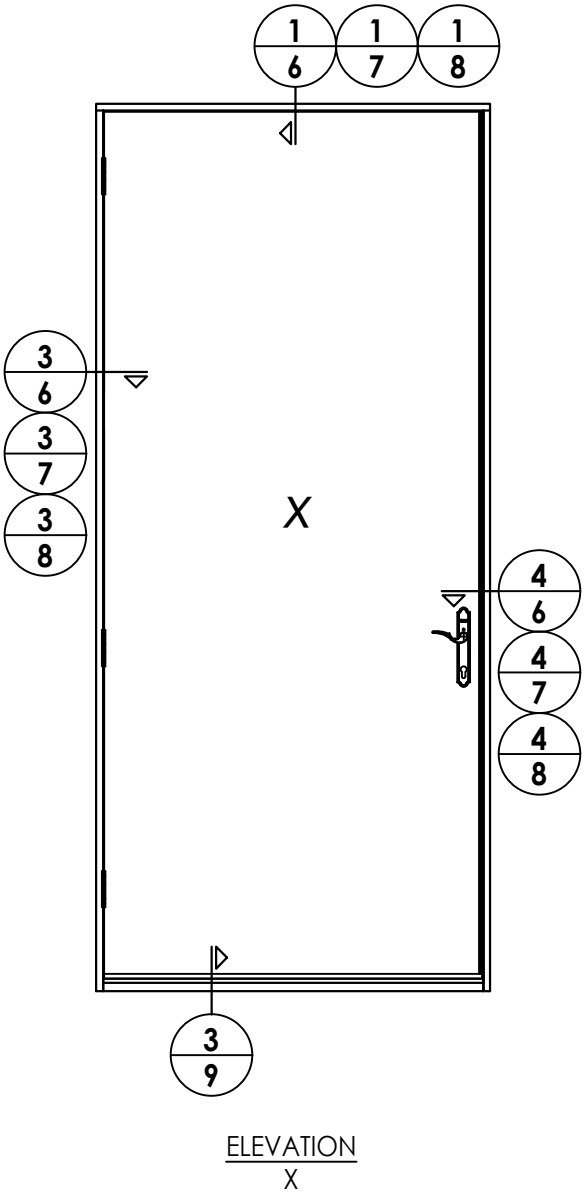
G1 GLAZING DETAIL



2
4 VERTICAL CROSS SECTION

SIDELITE SKIN: FIBERGLASS SKIN (0.080" 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 (FIXED)			
				LFS			
				2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
				1	8/20/20	UPDATE TO 7th ED. (2020)	FBC
				NO.	DATE		BY
				REVISIONS			
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.7							
SHEET 4 OF 13							



DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.7

SHEET 5 OF 13

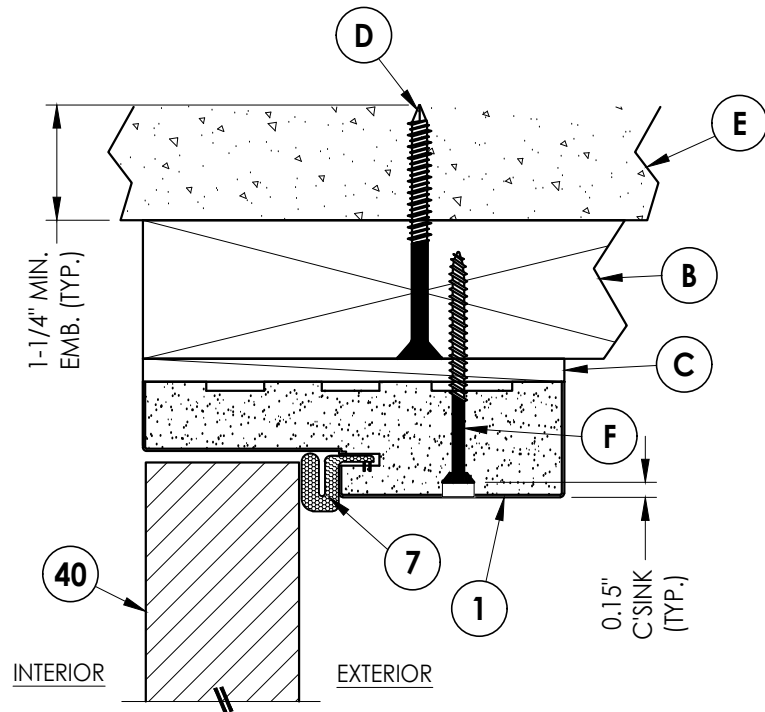
PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

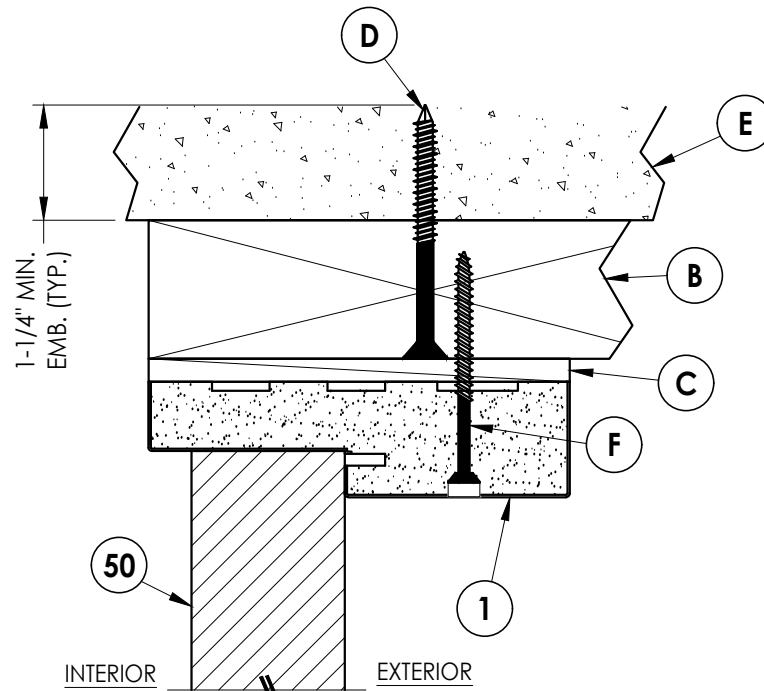
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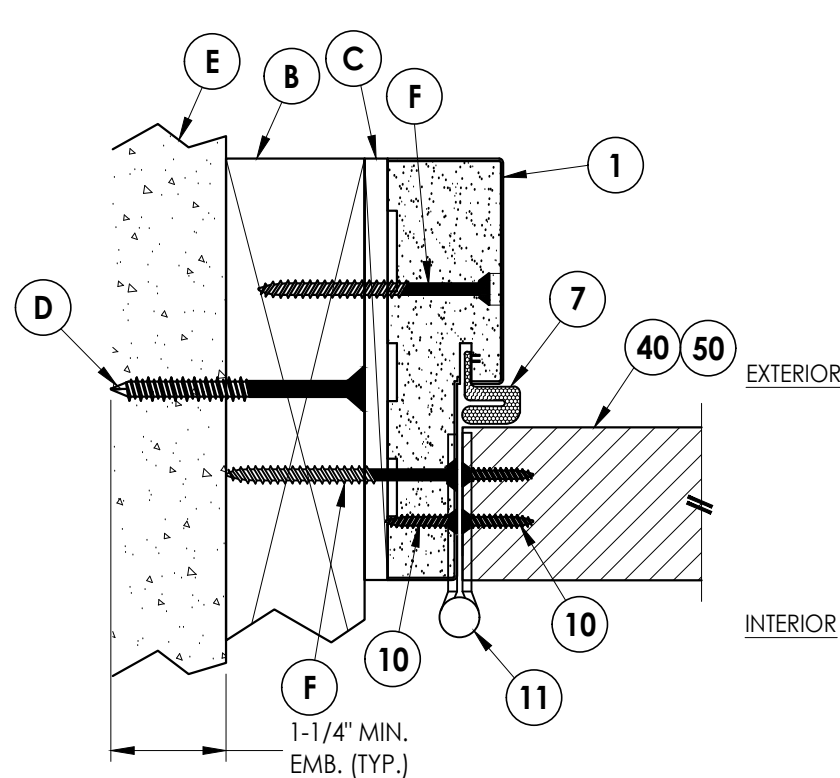
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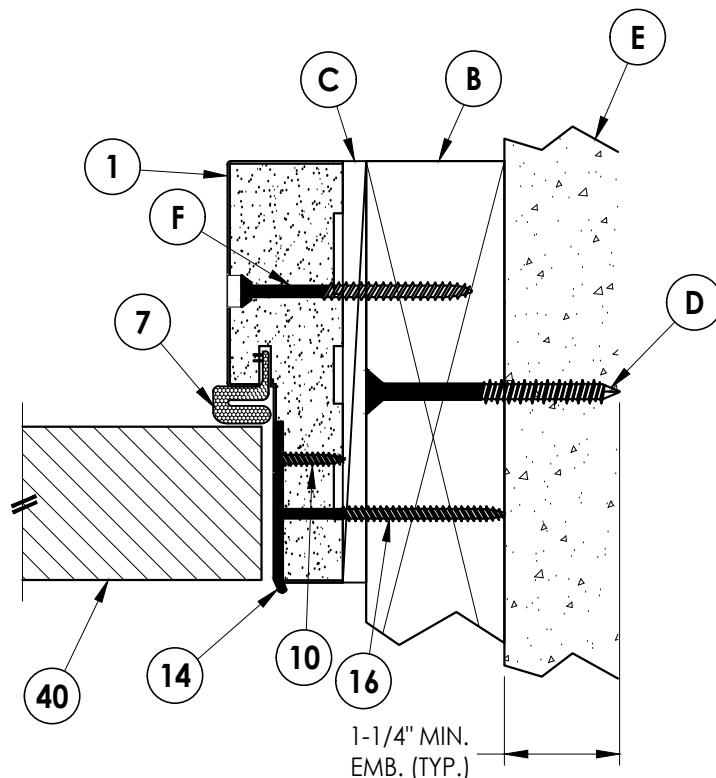
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6 **VERTICAL CROSS SECTION**
Inswing shown
2X Buck Construction



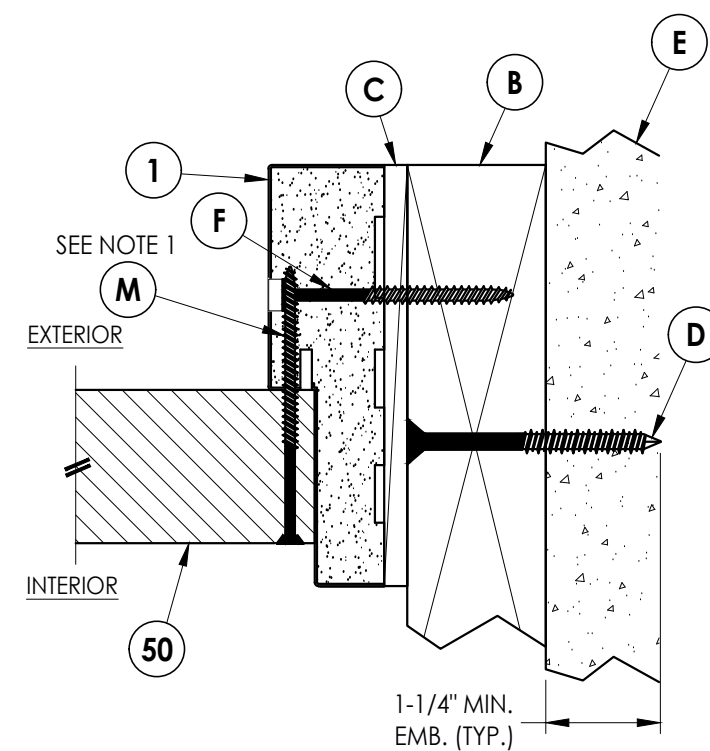
2
6 **VERTICAL CROSS SECTION**
Inswing shown
2X Buck Construction



3
6 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction



4
6 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction



5
6 **HORIZONTAL CROSS SECTION**
Inswing shown
2X Buck Construction

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

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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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.

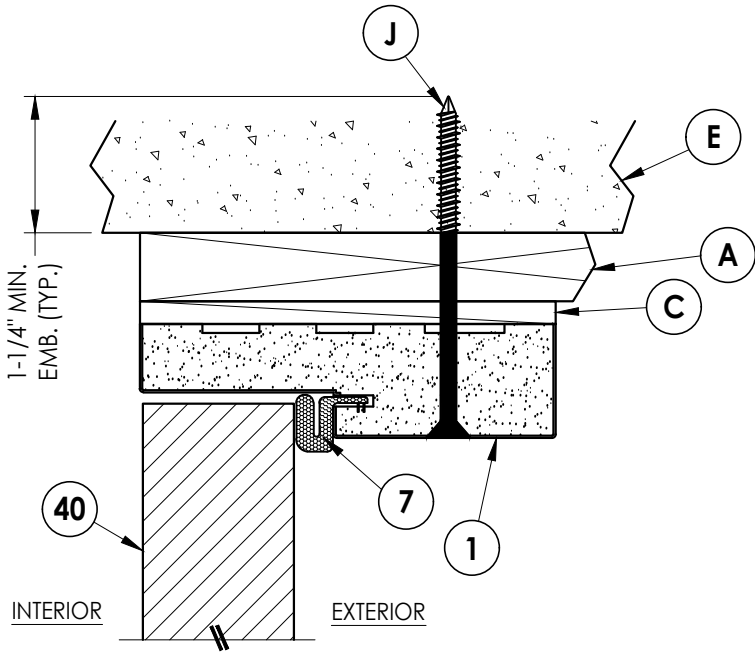
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CHK. BY: LFS

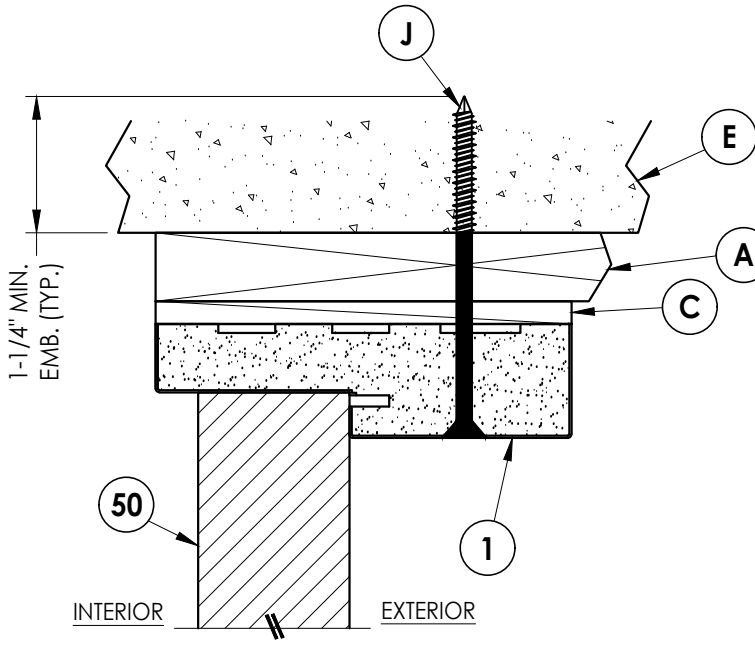
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SHEET 6 OF 13

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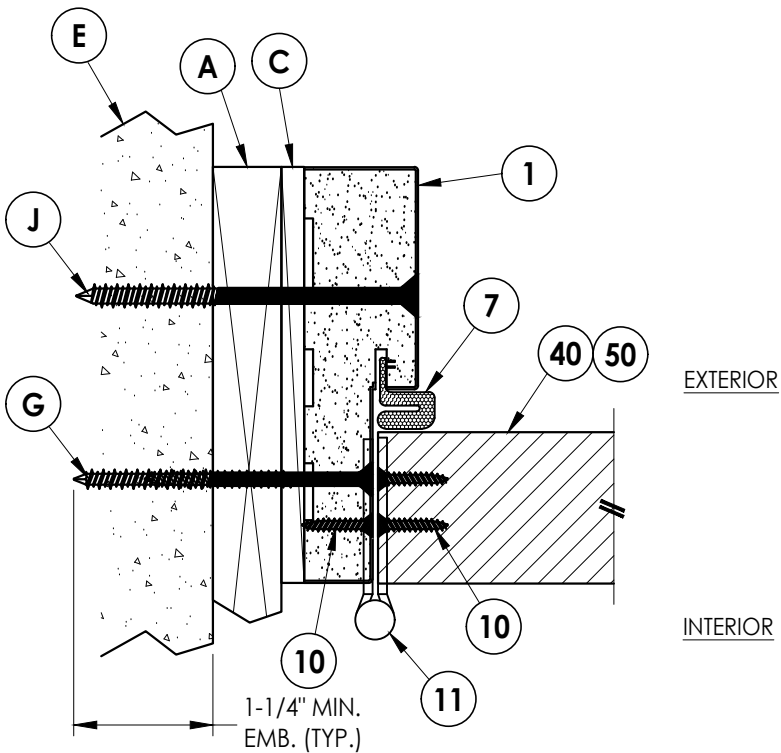


1
7 **VERTICAL CROSS SECTION**
Inswing shown
1X Buck Construction

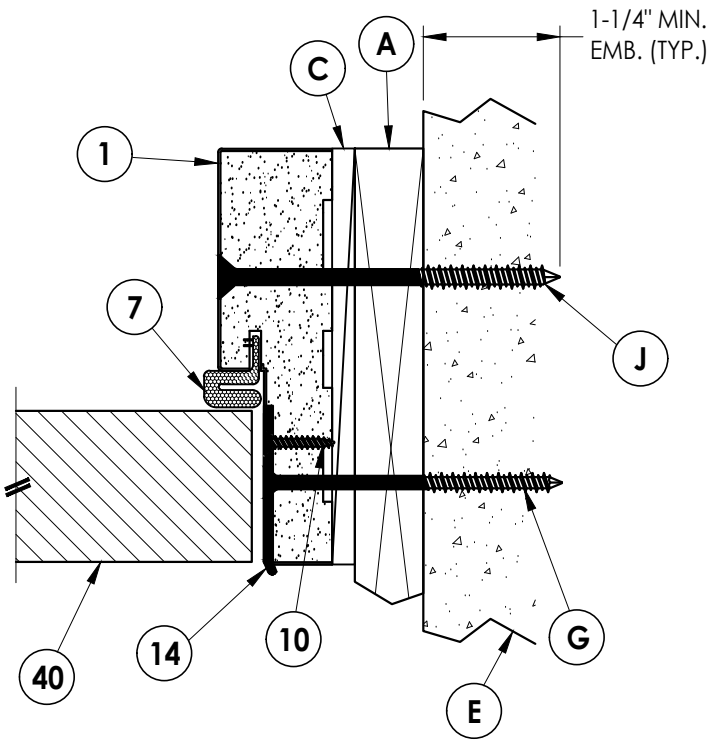


2
7 **VERTICAL CROSS SECTION**
Inswing shown
1X Buck Construction

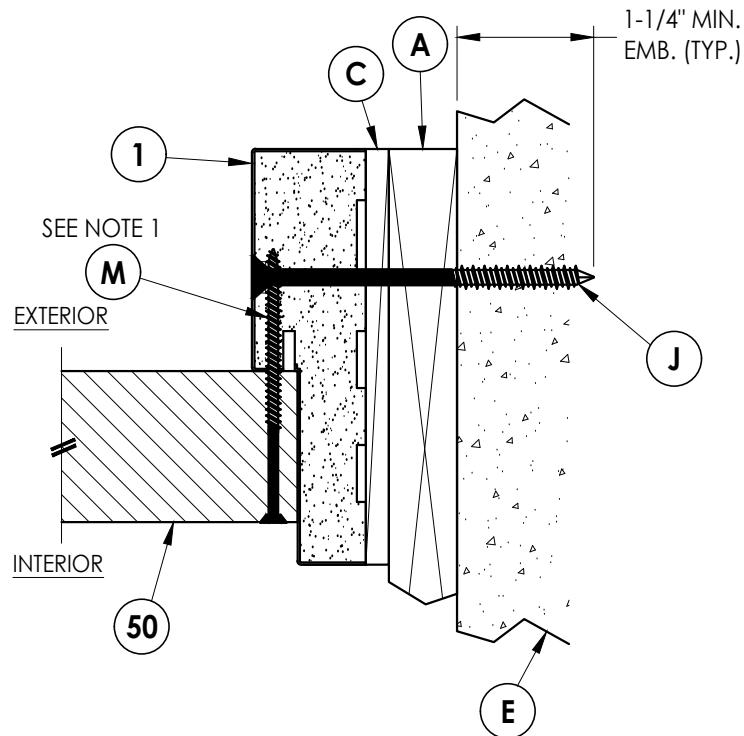
NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.



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



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



5
7 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction

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 (1X BUCK MASONRY)

NO.	DATE	BY	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

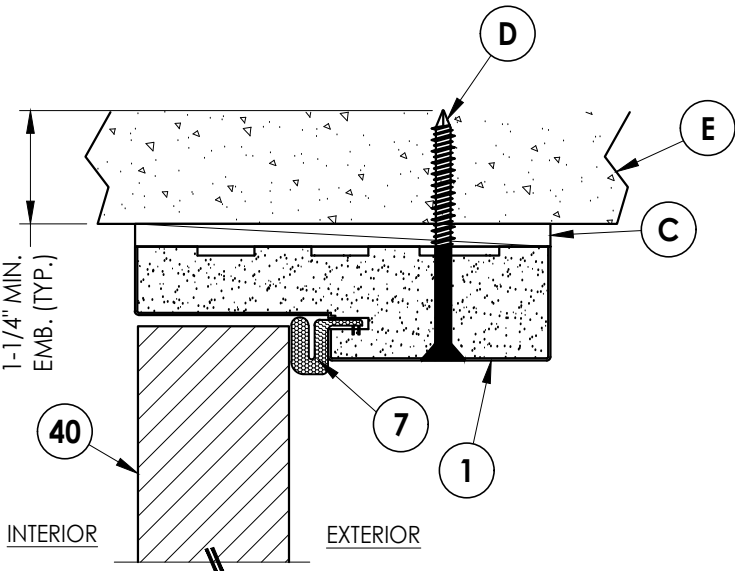
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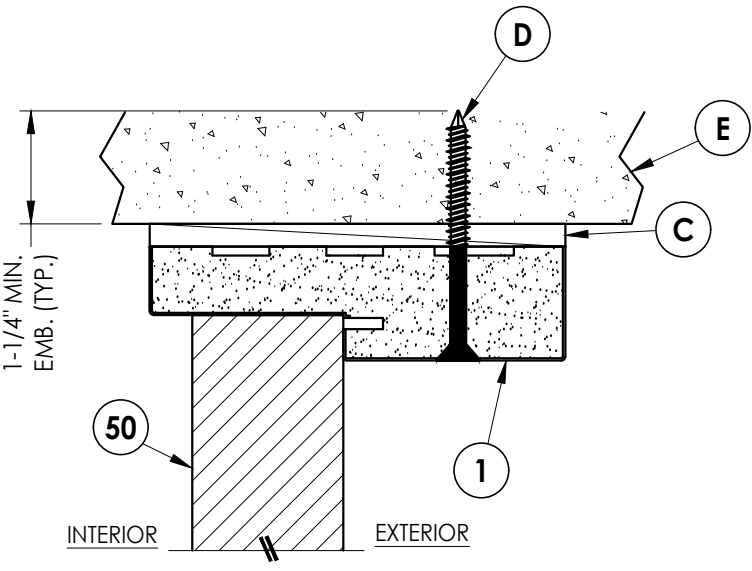
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SHEET 7 OF 13



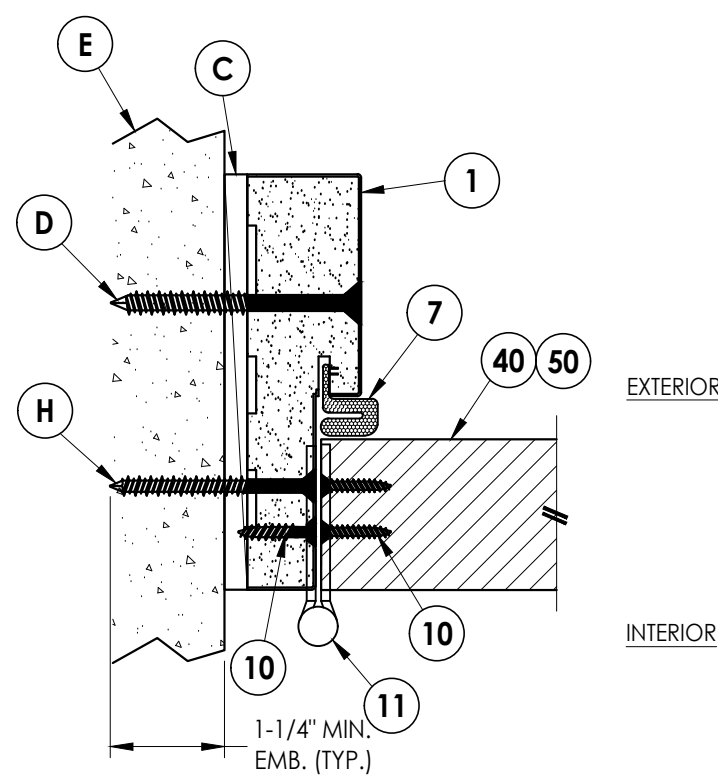
1 VERTICAL CROSS SECTION

8 Inswing shown
Direct to Masonry Construction

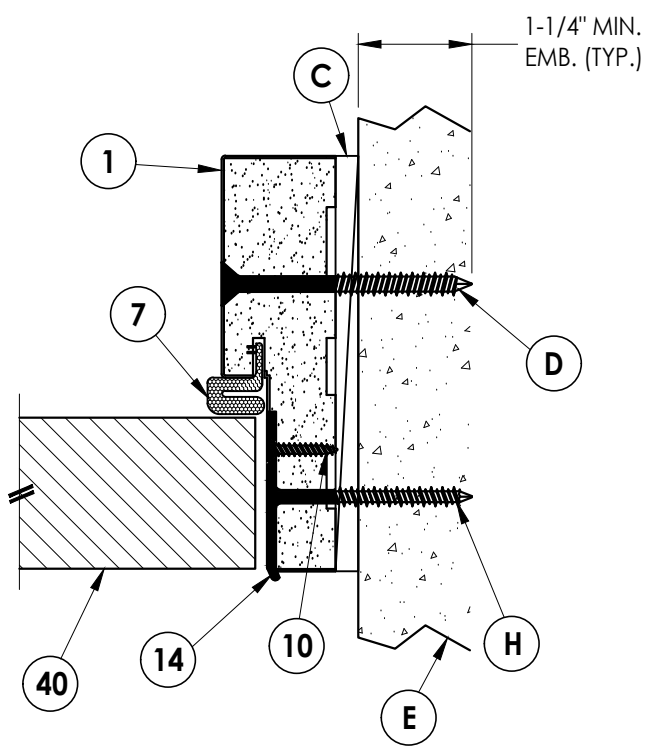


2 **VERTICAL CROSS SECTION**
8 Inswing shown
 Direct to Masonry Construction

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

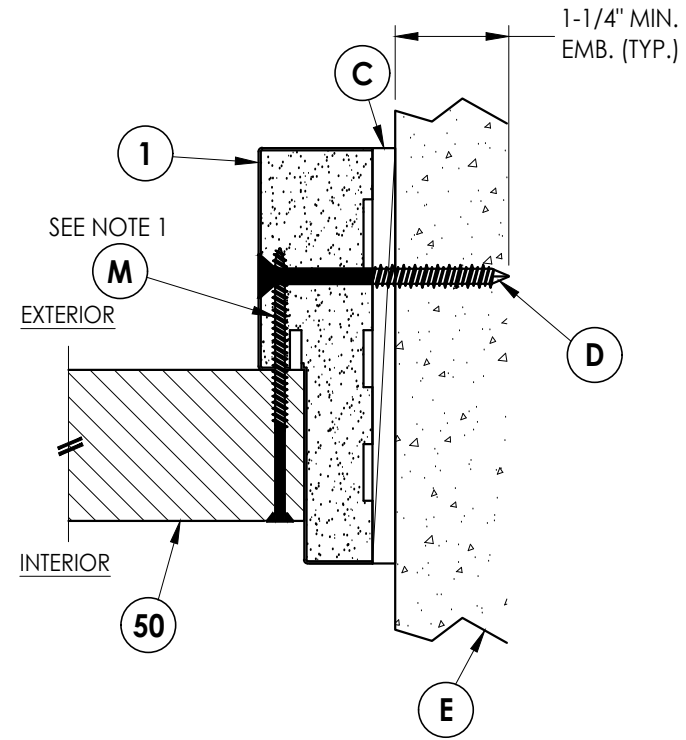


3 **HORIZONTAL CROSS SECTION**
8 Inswing shown
 Direct to Masonry Construction



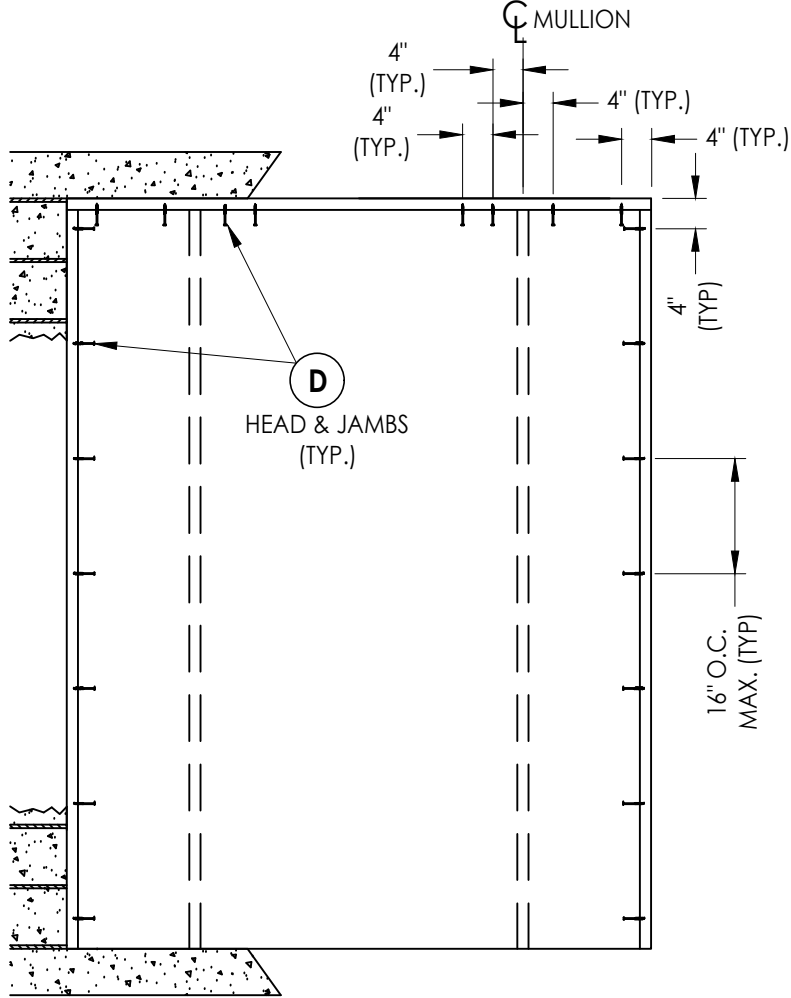
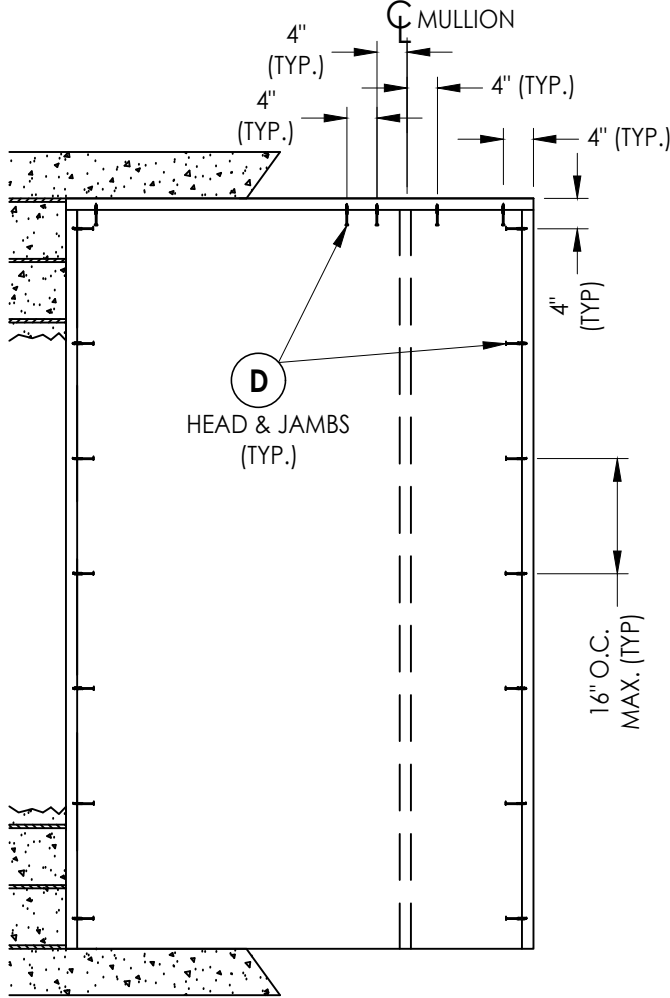
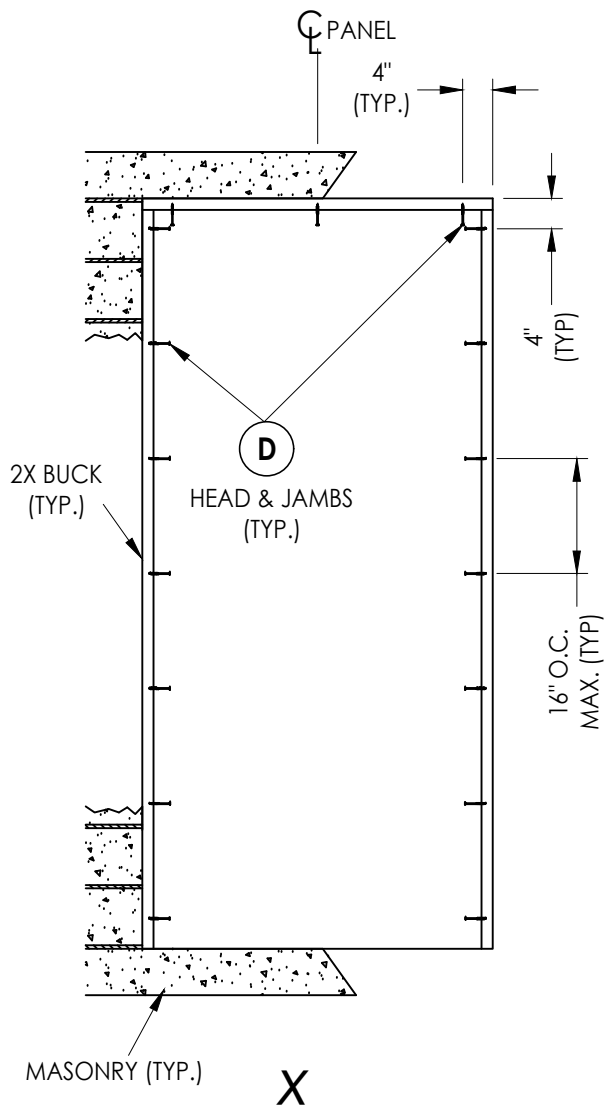
4 HORIZONTAL CROSS SECTION

8 Inswing shown
Direct to Masonry Construction



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

[illegible]



2X BUCK ANCHORING

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

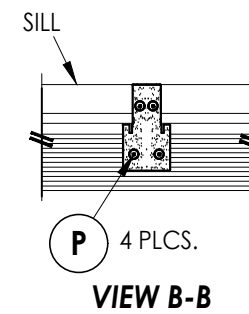
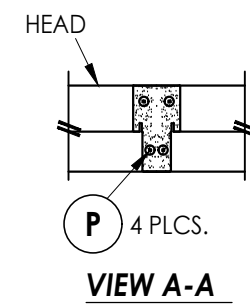
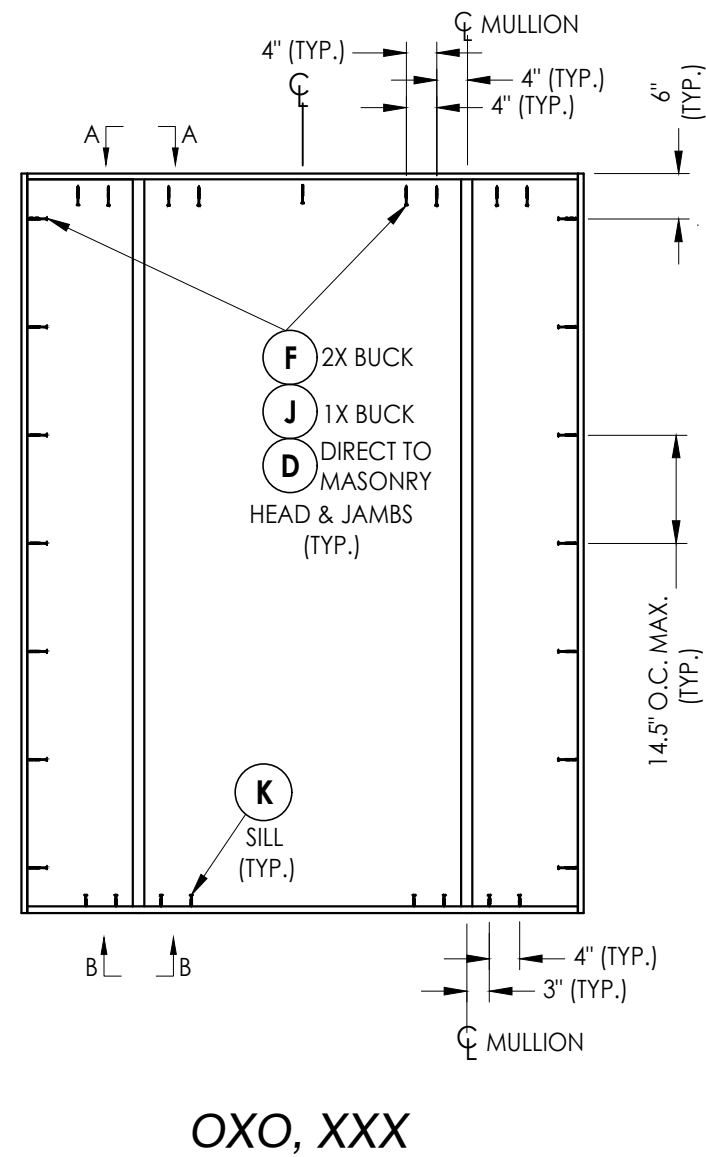
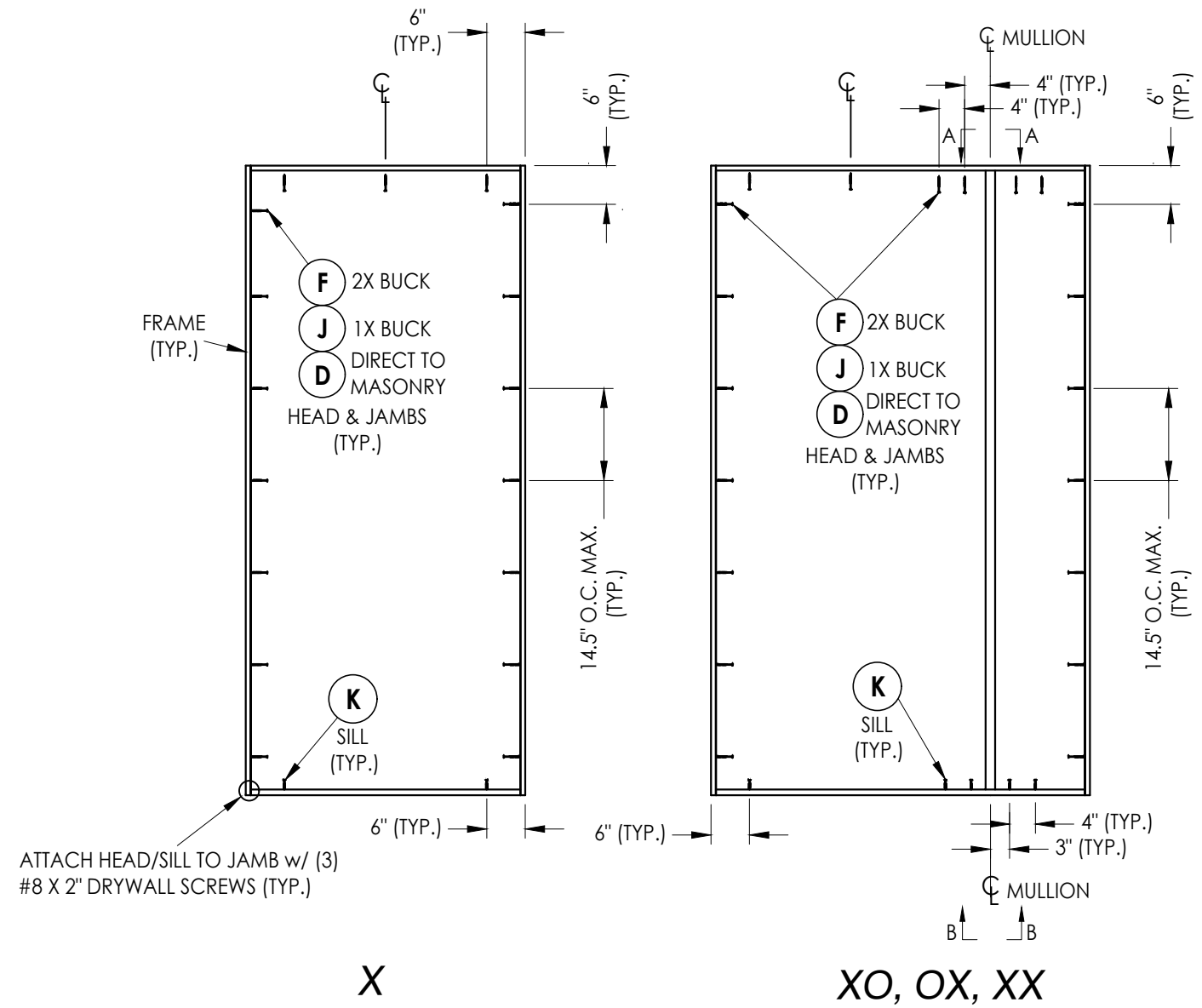
FL-30006.7

SHEET 10 OF 13

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

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

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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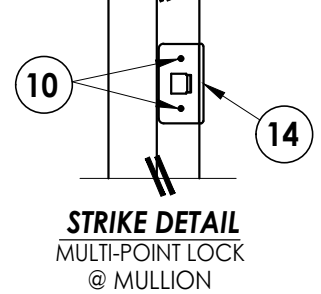
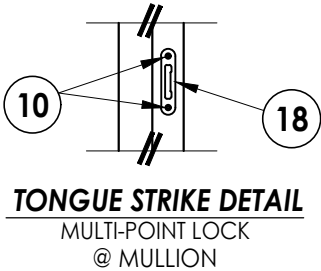


FRAME ANCHORING

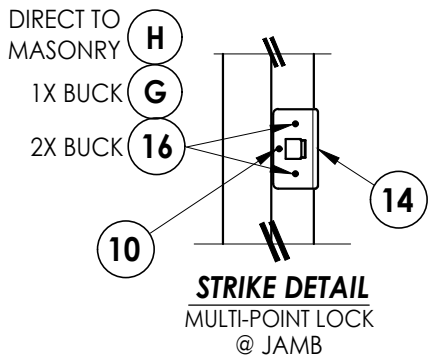
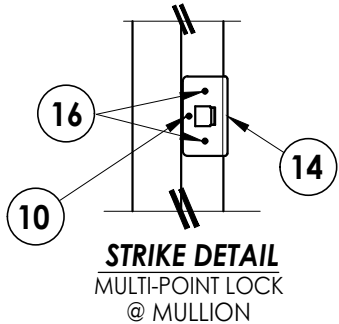
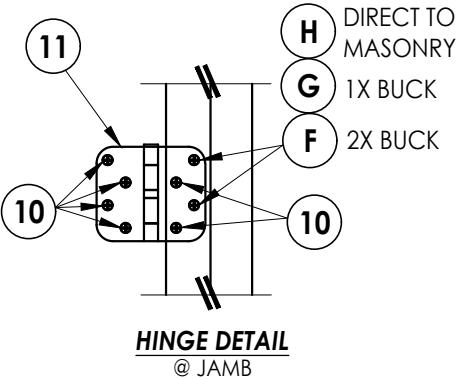
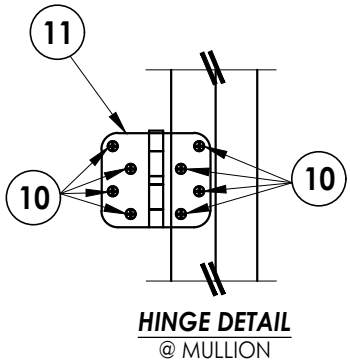
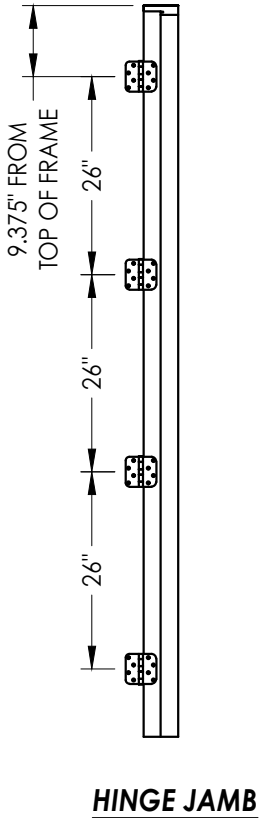
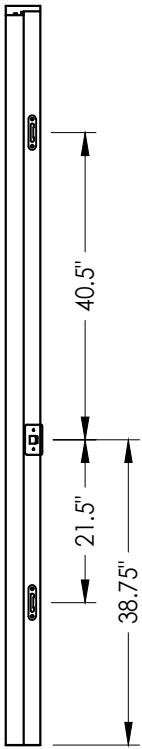
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Lyndon F. Schmidt
P.E. No. 43409

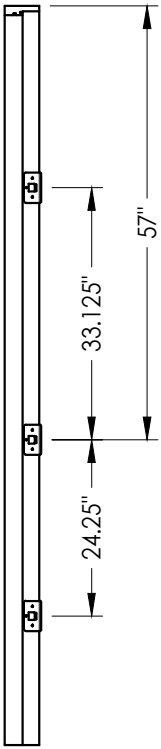
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813



STRIKE MULLION
Multi-point Lock
(Vented Sidelite)



STRIKE JAMB/MULLION
Multi-point Lock
(Door)



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	
PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: HARDWARE DETAILS	
		LFS	REVISIONS
		DAC	
		BY	
		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-30006.7			
SHEET 12 OF 13			

Z:\2023 FBC Drawings\Wincore Window Company\FL-30006 R2\FL-30006.7-8.dwg

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
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
18	MULTI-POINT TONGUE STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-

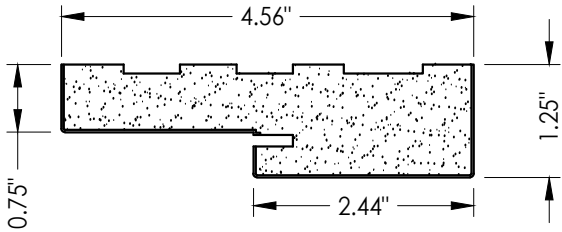
CONCRETE ANCHOR NOTES:

- 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:

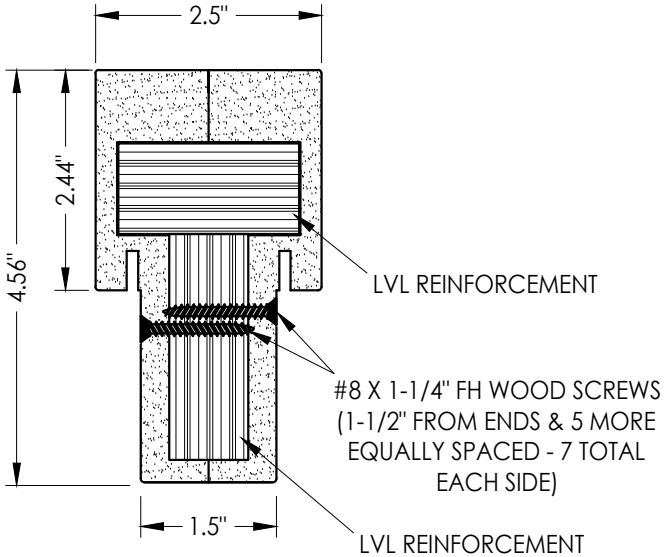
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

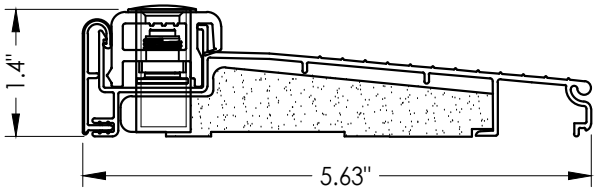
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



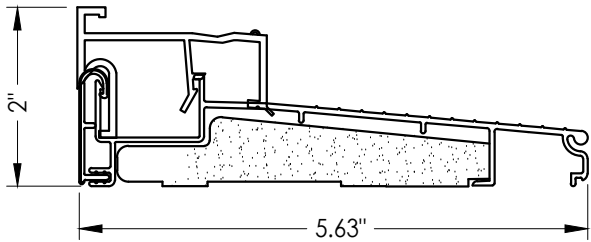
1 POLY FIBER JAMB



2 INTEGRAL MULLION



20 INSWING THRESHOLD
Endura (Z-Series)



21 INSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)

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