



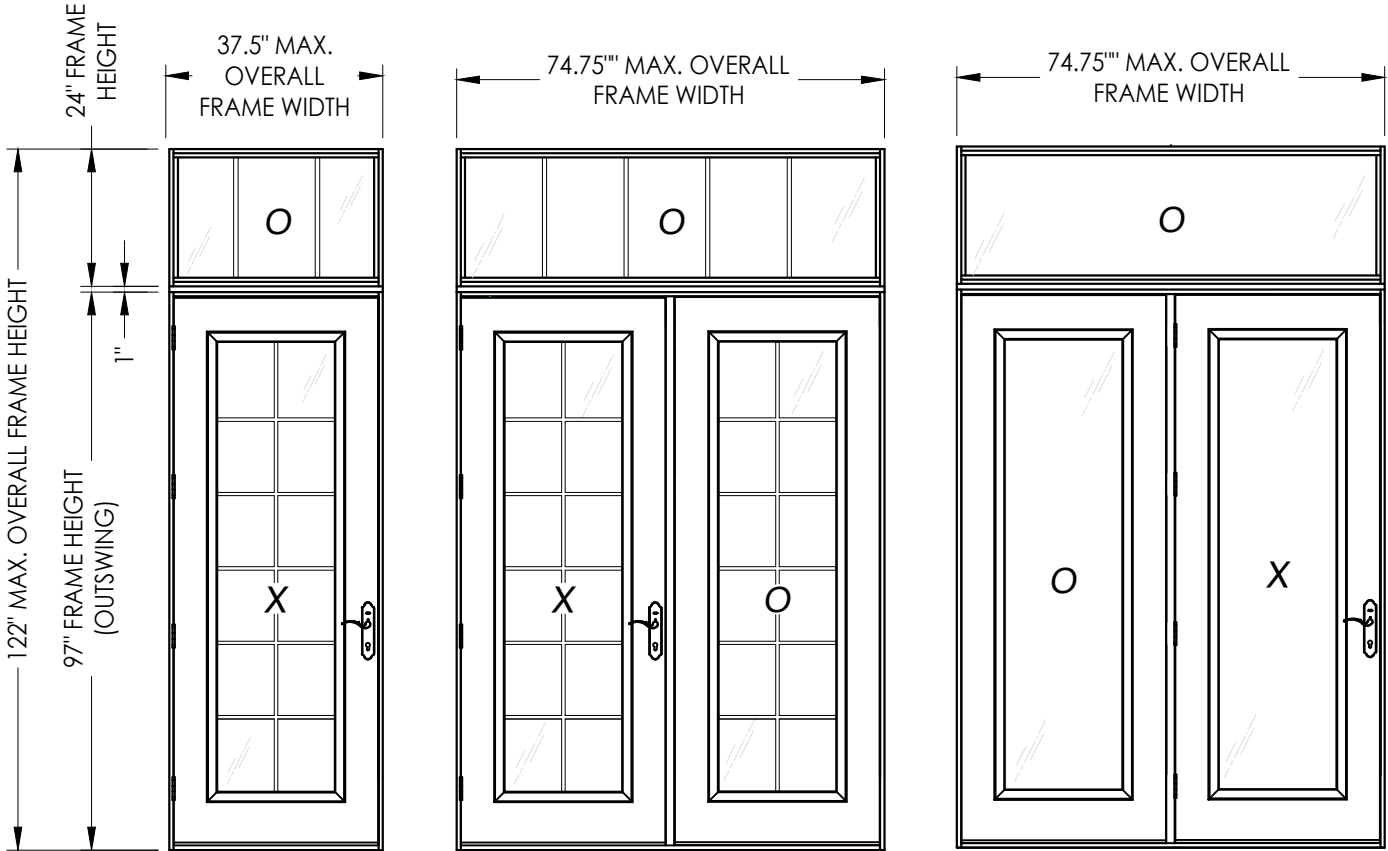
250 Staunton Turnpike, Parkersburg, WV 26104

GLAZED FIBERGLASS SINGLE DOOR
w/ TRANSOM
w/ or w/out SIDELITE
OUTSWING
"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.

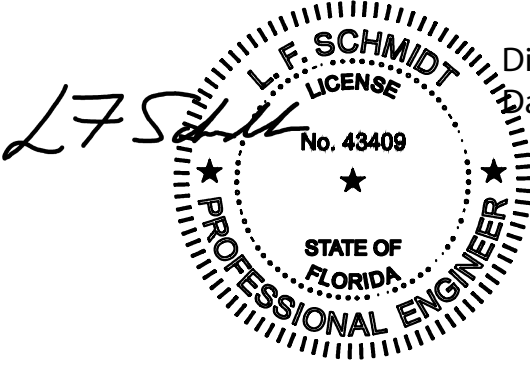
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1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details
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6	Vertical & Horizontal Cross Sections (2X Buck Masonry)
7	Vertical & Horizontal Cross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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE
O X	37.5" x 122"	+45.0	-45.0
O XO, OX	74.75" x 122"	+40.0	-40.0
O OX, XO	74.75" x 122"	+45.0*	-45.0*

*CENTER HINGED



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:06:35 -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

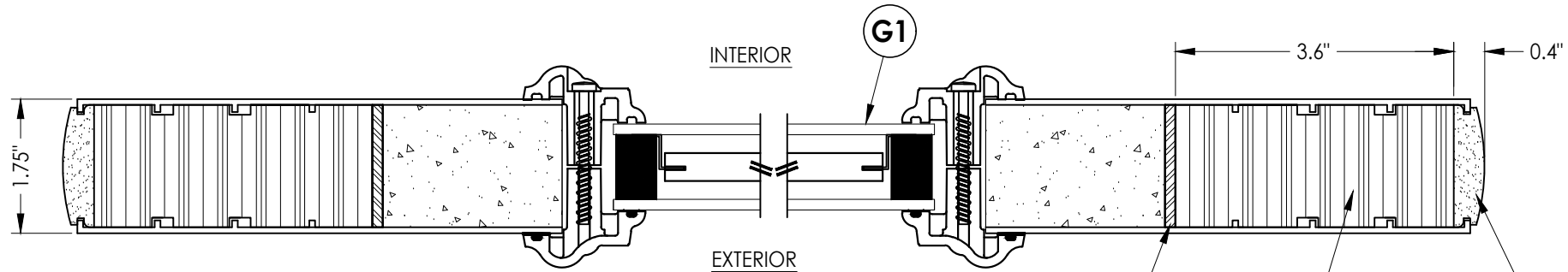
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

RW

PRODUCT:		WINCORE FIBERGLASS DOOR	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		DAC	DATE
		7/06/23	6/27/19
		8/20/20	N.T.S.
		NO.	DWG. BY: RW
		DATE	CHK. BY: LFS
			DRAWING NO.: FL-30006.15
			SHEET 1 OF 12

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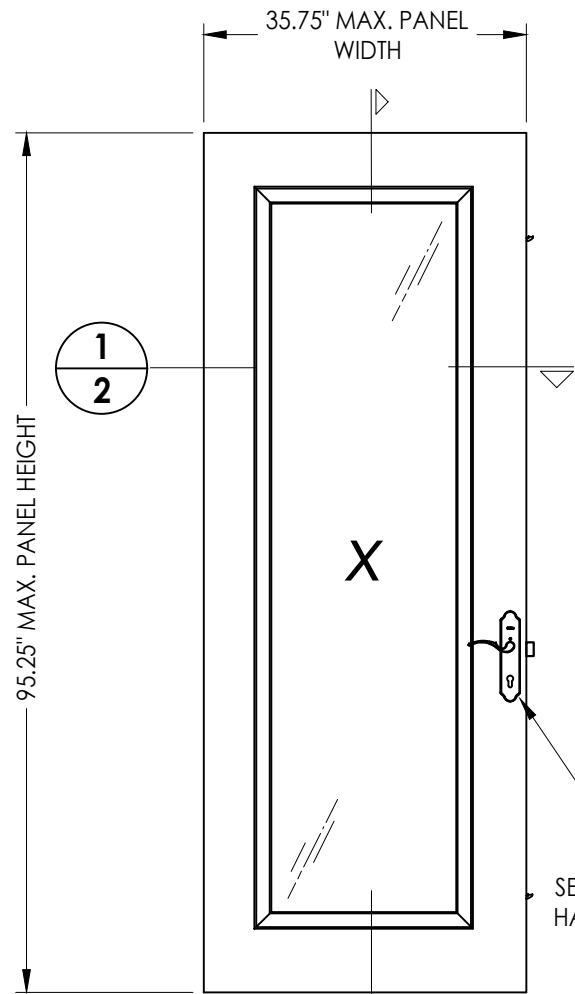


1
2 **HORIZONTAL CROSS SECTION**

STEEL REINFORCEMENT
1.41" X 84" X 0.135"

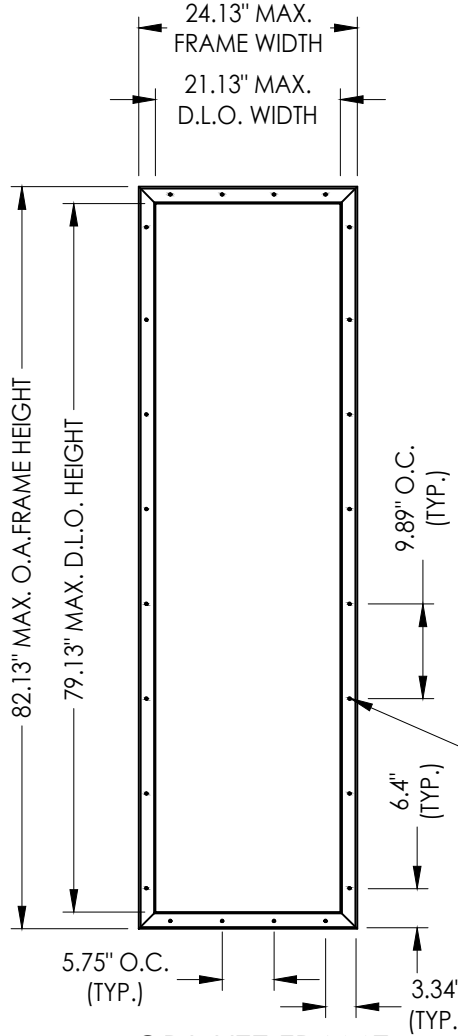
LATCH STILE
(LVL)

CAP
(PVC)



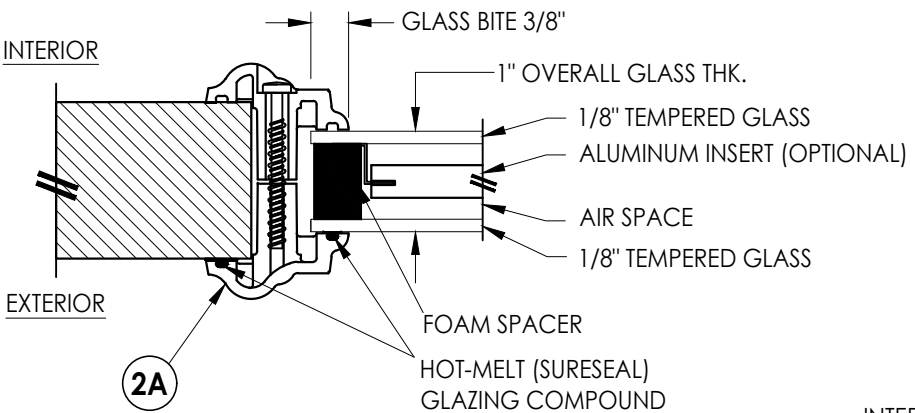
40 **DOOR PANEL**
Plastpro Fiberglass

DOOR SKIN: FIBERGLASS SKIN (0.091" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

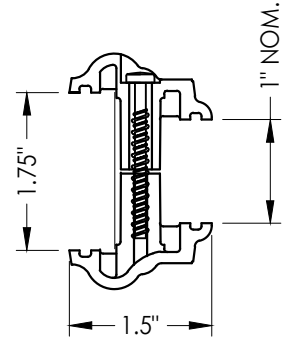


ODL LITE FRAME

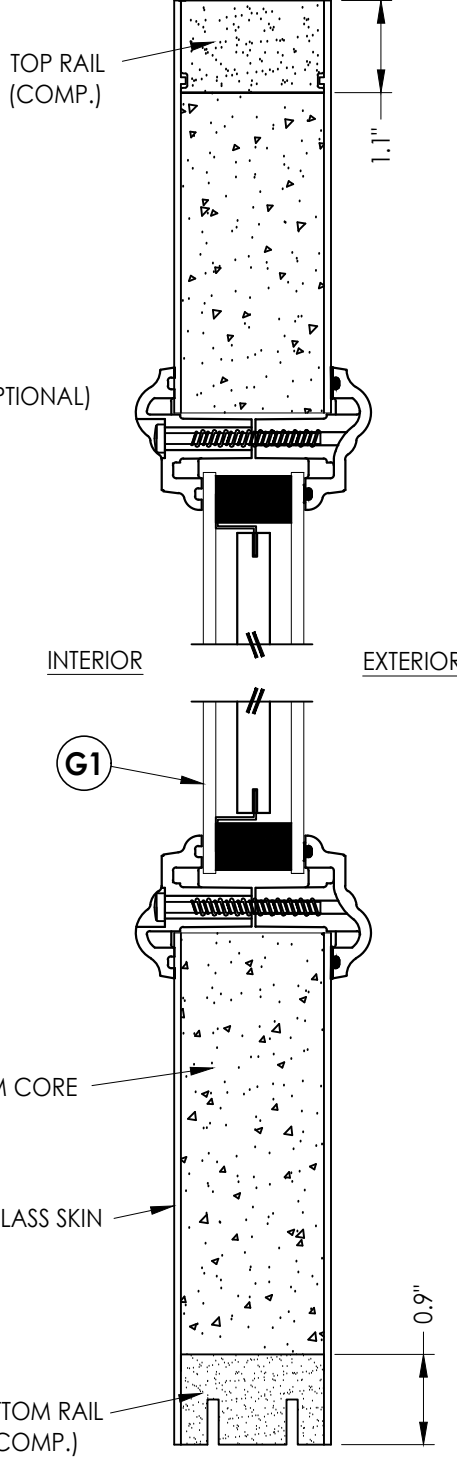
DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	HLS9000 SERIES MULTI-POINT LOCK (3pt.)
TRILENNIUM	3000 SERIES MULTI-POINT LOCK (3pt.)



GLAZING DETAIL



2A **ODL LITE FRAME**
HP Polypropylene



2
2 **VERTICAL CROSS SECTION**

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PRODUCT:
WINCORE
FIBERGLASS DOOR

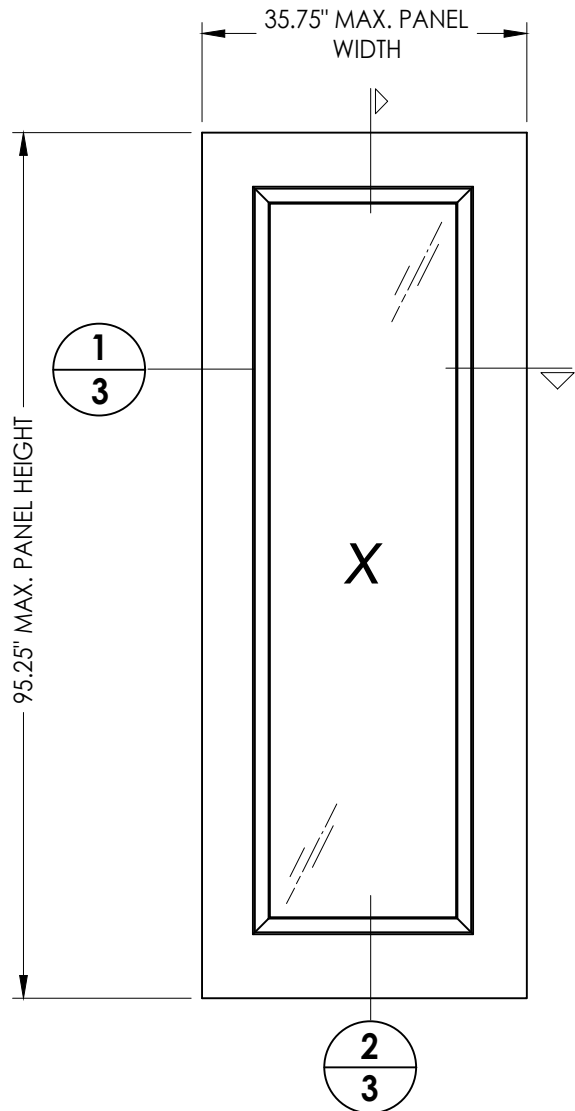
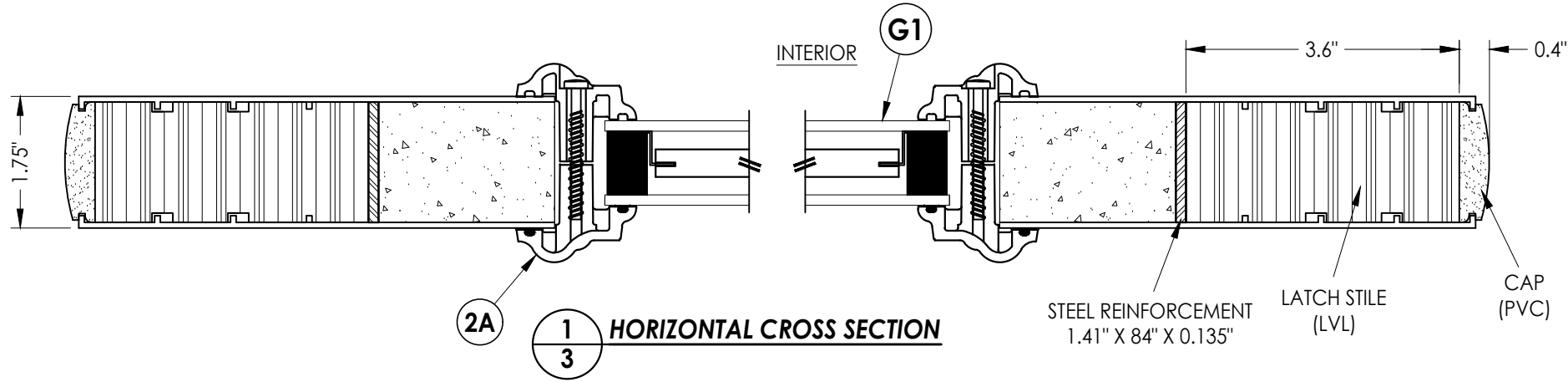
PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

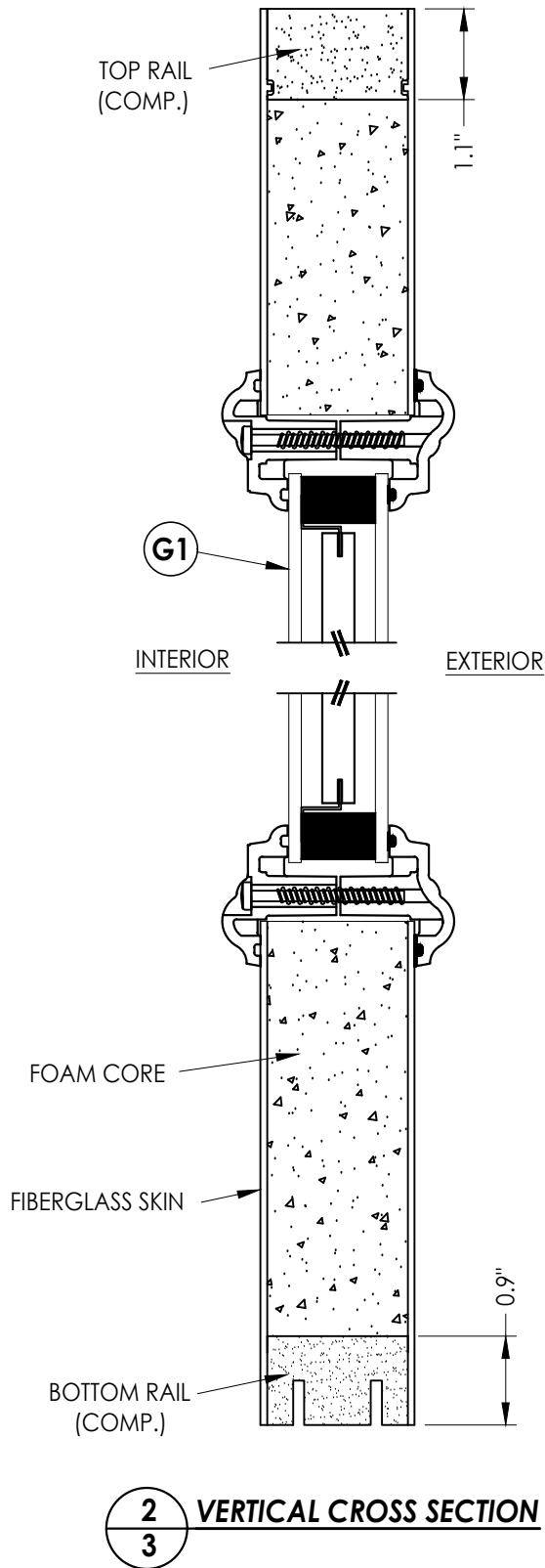
DATE:	6/27/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.15
SHEET	2 OF 12

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SIDELITE SKIN: FIBERGLASS SKIN (0.091" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS

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

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

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DRAWING NO.: FL-30006.15

SHEET 3 OF 12

1

4

GLAZING TAPE

1" OVERALL GLASS THK.

1/8" TEMPERED GLASS

AIR SPACE

1/8" TEMPERED GLASS

1-1/4" BRAD NAIL (18 GA.)
LOCATED 1" FROM ENDS &
6" O.C.

5/8" GLASS
BITE

5

ALUMINUM SPACER

G2 **GLAZING DETAIL**

Diagram illustrating the components of a double-pane window assembly:

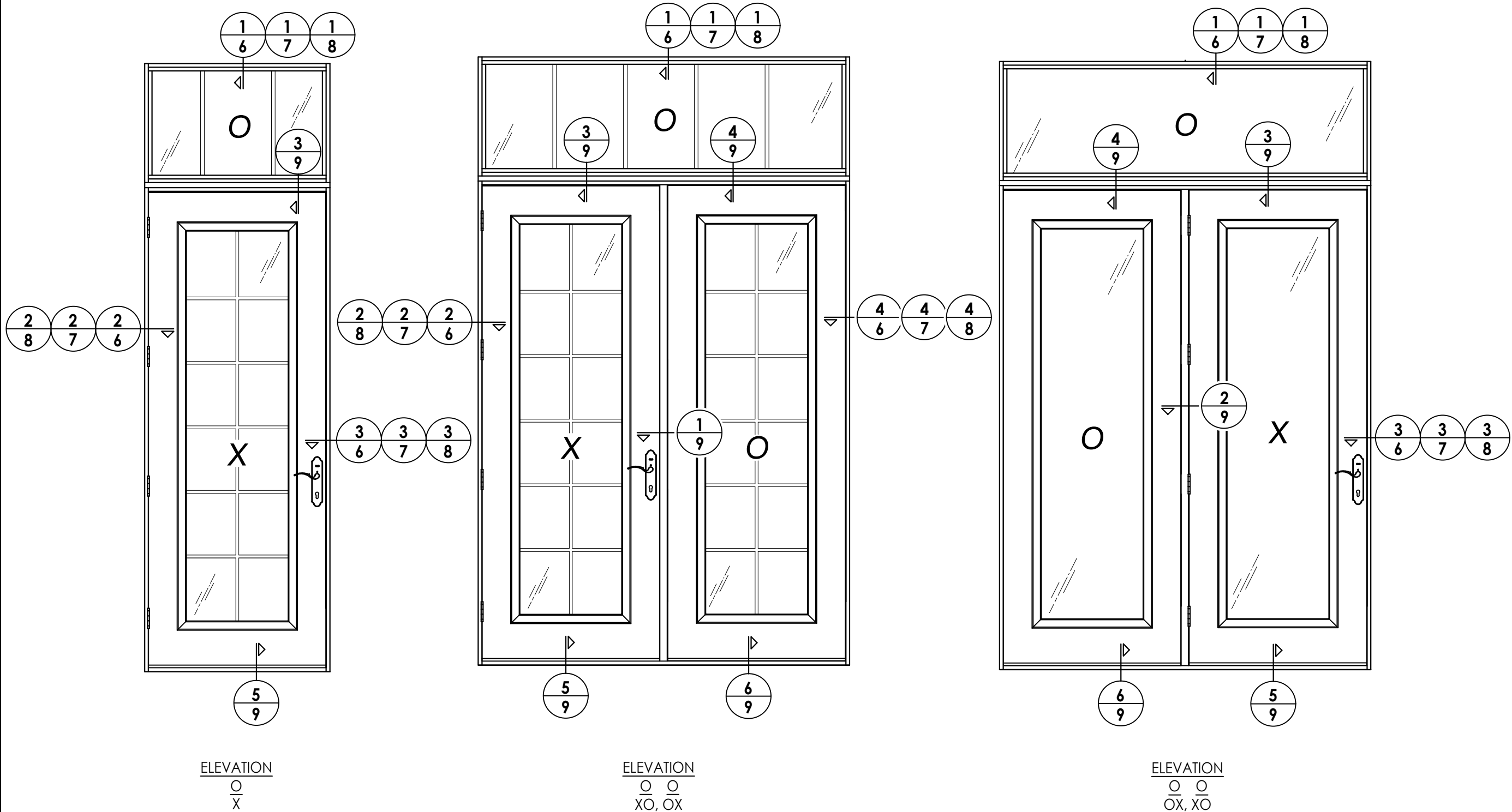
- FOAM SPACER
- 1" OVERALL GLASS THK.
- 1/8" TEMPERED GLASS
- ALUMINUM INSERT (OPTIONAL)
- AIR SPACE
- 1/8" TEMPERED GLASS
- OPTIONAL SPACER & INSERT

[illegible]

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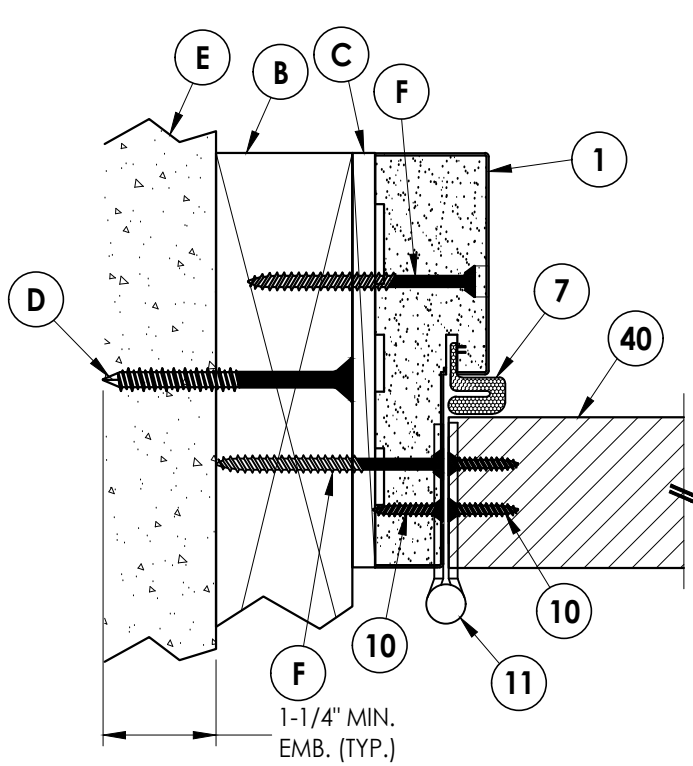
R^{qW}
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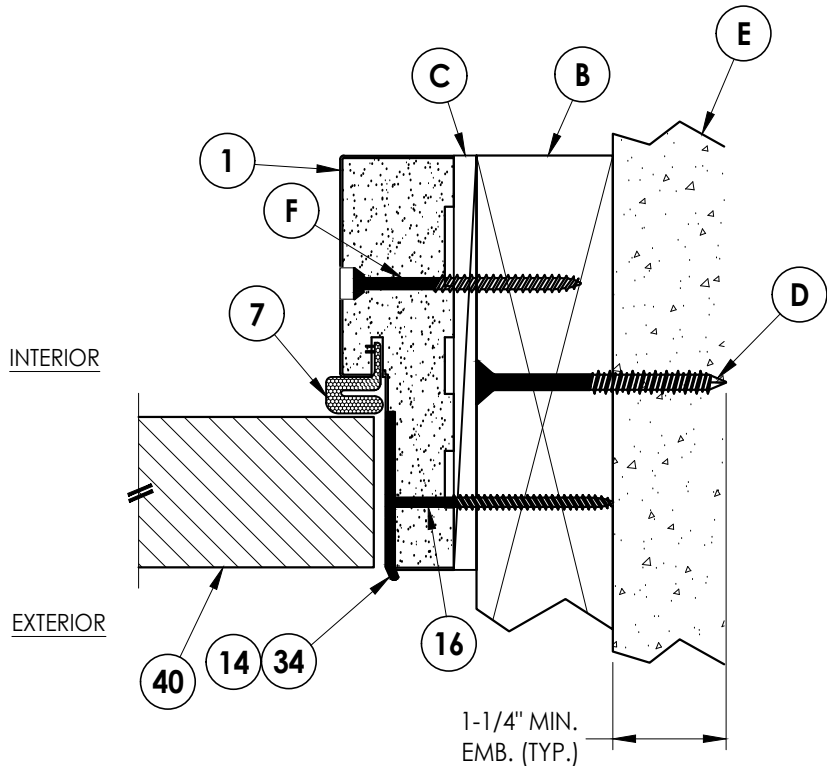


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: ELEVATIONS					
				LFS	FBC	2	7/06/23 UPDATE TO 8TH ED. (2023)
				DAC	FBC	1	8/20/20 UPDATE TO 7th ED. (2020)
REVISIONS				NO.	DATE		
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.15							
SHEET 5 of 12							

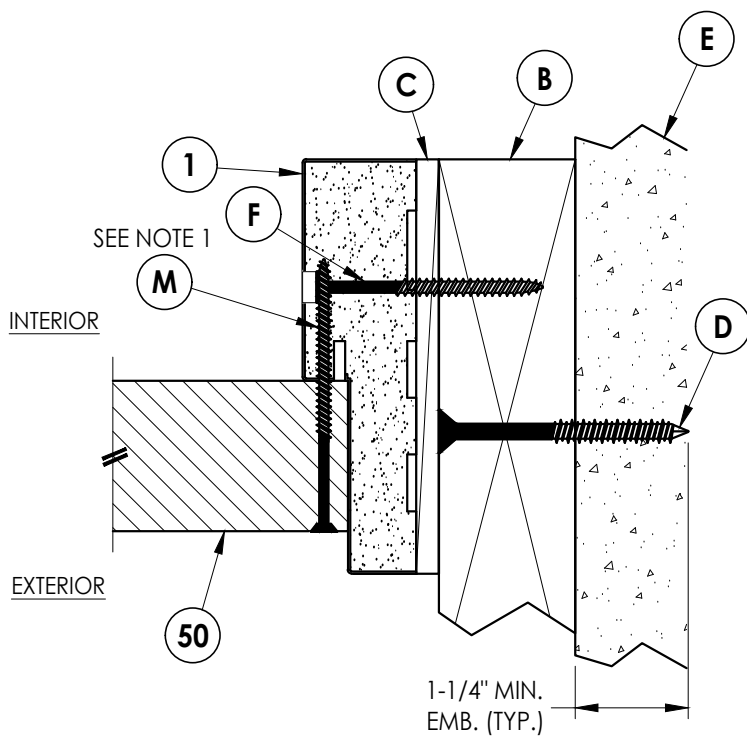
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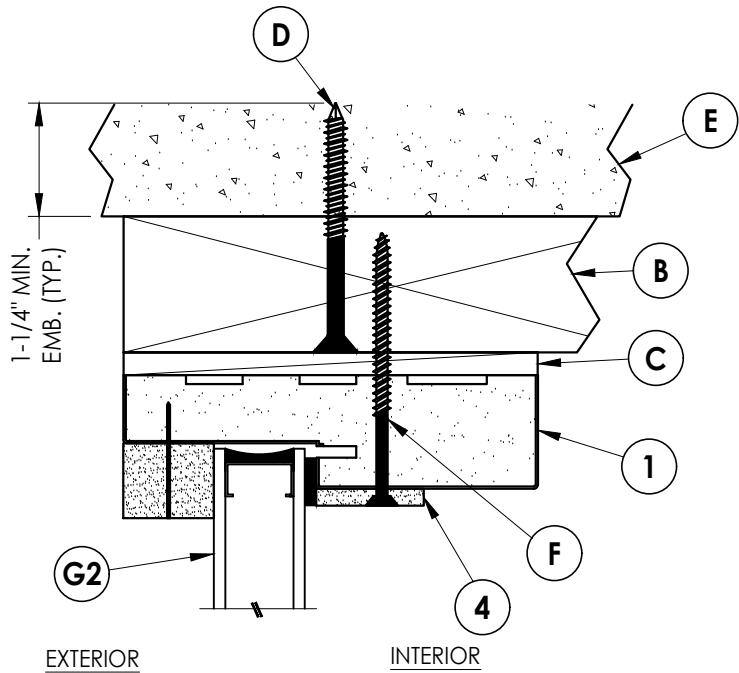
2
6 **HORIZONTAL CROSS SECTION**
Outswing shown
2X Buck Construction



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



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

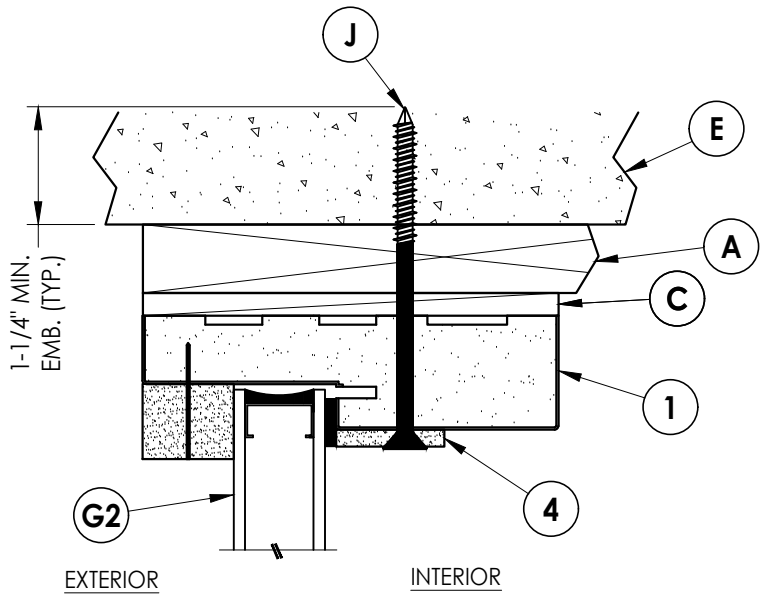


1
6 **VERTICAL CROSS SECTION**
Outswing shown
2X Buck Construction

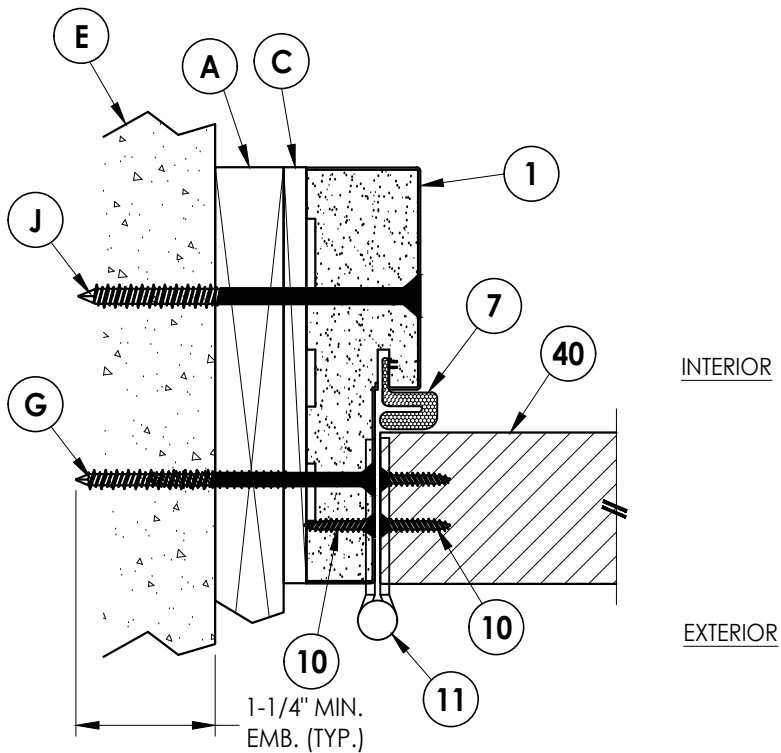
NOTE:
Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

PRODUCT:		PART OR ASSEMBLY:	
WINCORE		FIBERGLASS DOOR	
DOCUMENTS PREPARED BY:		BUILDING CONSULTANTS, INC.	
Lyndon F. Schmidt		P.O. Box 230, Valrico, FL 33595	
P.E. No. 43409		Phone No.: 813.659.9197	
		FBPE Registry License No. 9813	
REVISIONS		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK MASONRY)	
NO.	DATE	BY	DATE
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/20/20	UPDATE TO 7TH ED. (2020)	FBC
1	DATE	DATE	DATE
DATE: 6/27/19		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-30006.15		SHEET 6 OF 12	

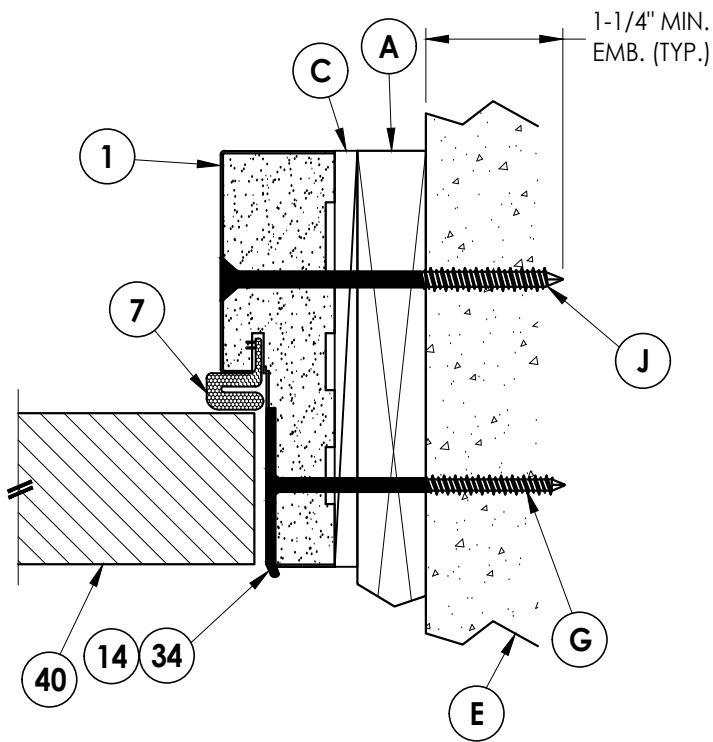
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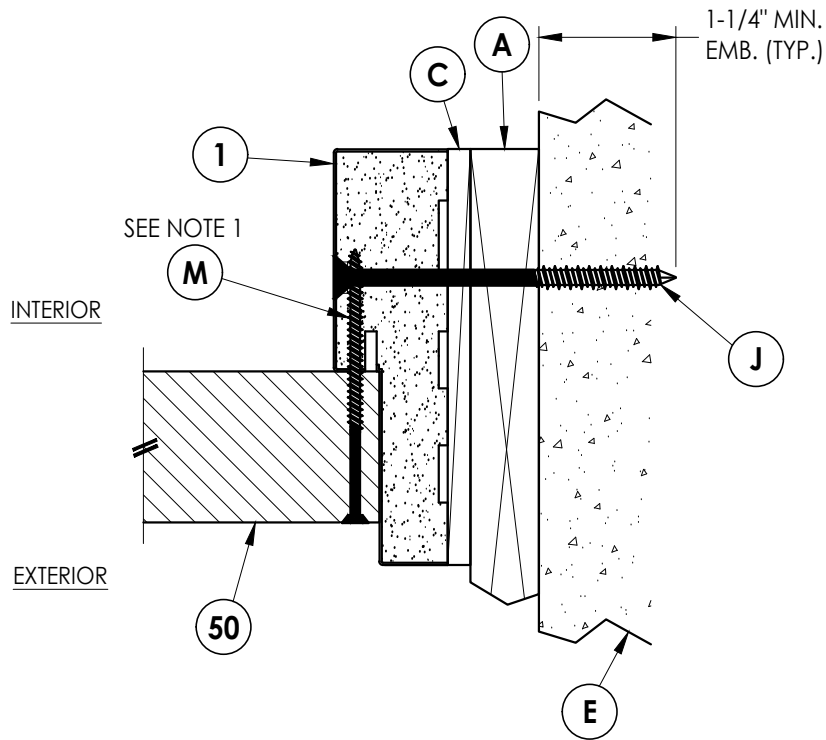
1
7 **VERTICAL CROSS SECTION**
Outswing shown
1X Buck Construction



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)

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

SCALE: N.T.S.

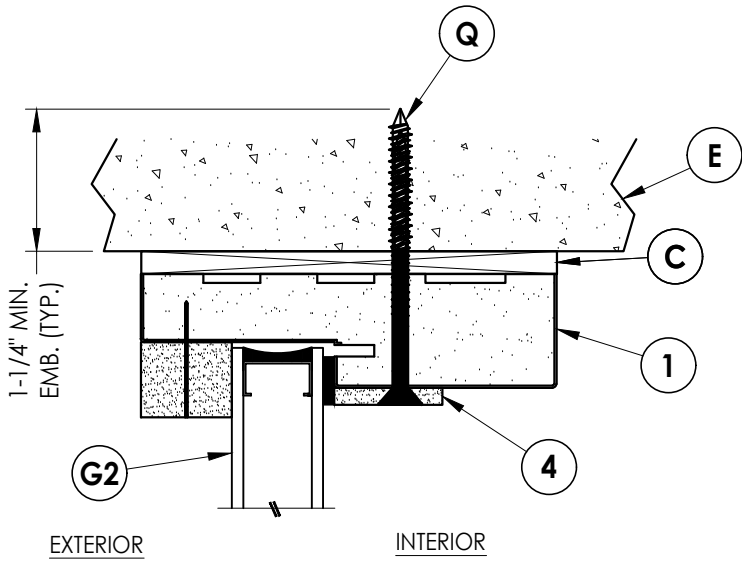
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CHK. BY: LFS

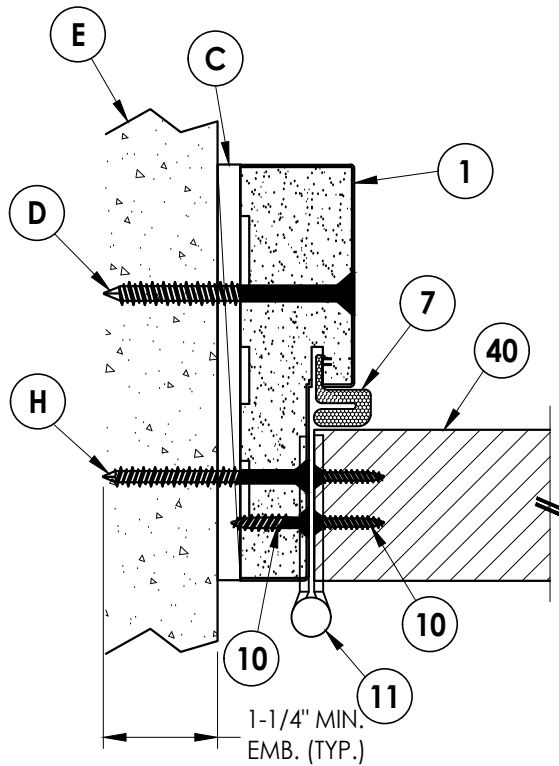
DRAWING NO.: FL-30006.15

SHEET 7 OF 12

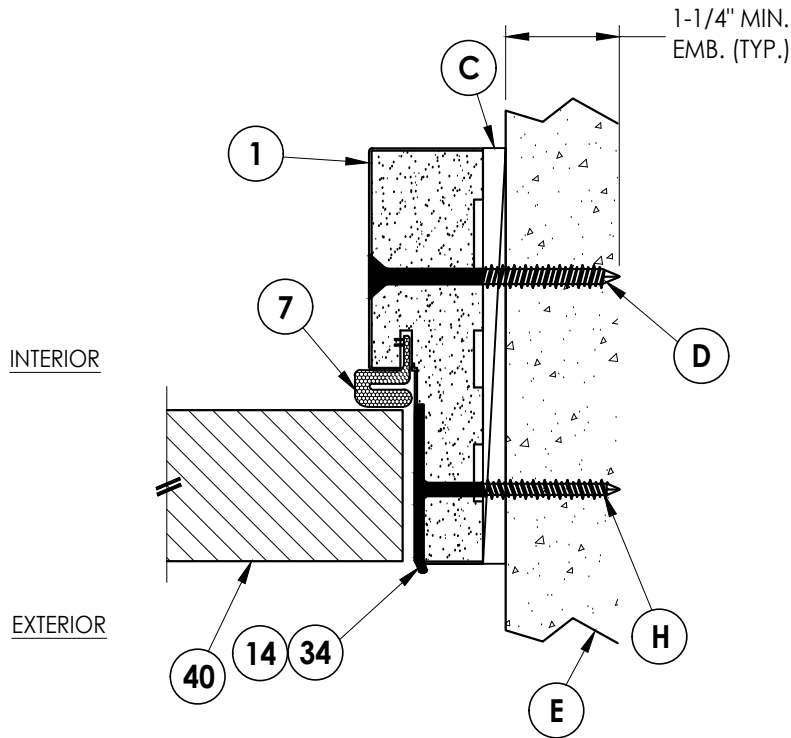
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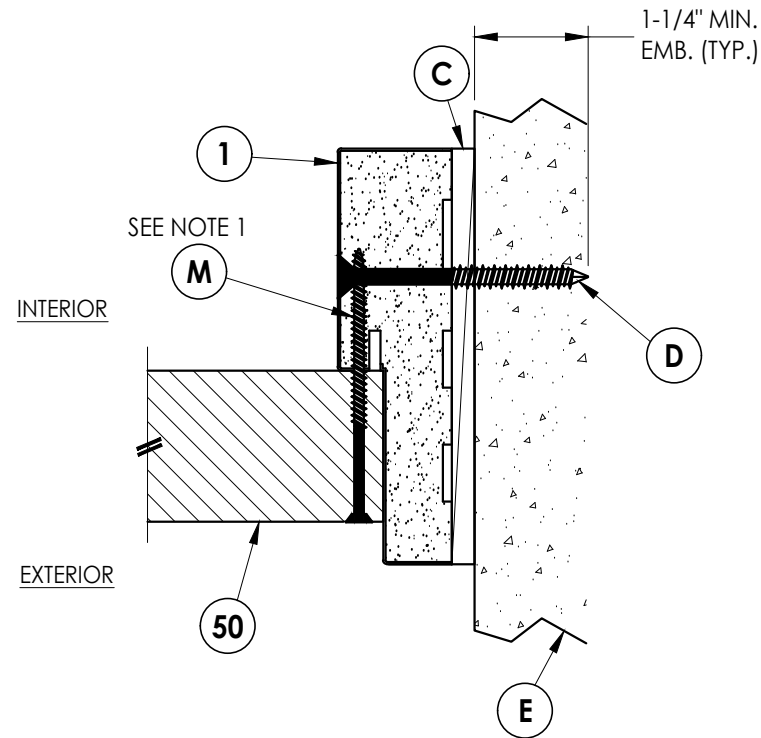
1
8 **VERTICAL CROSS SECTION**
Outswing shown
Direct to Masonry Construction



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.

DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.15

SHEET 8 OF 12

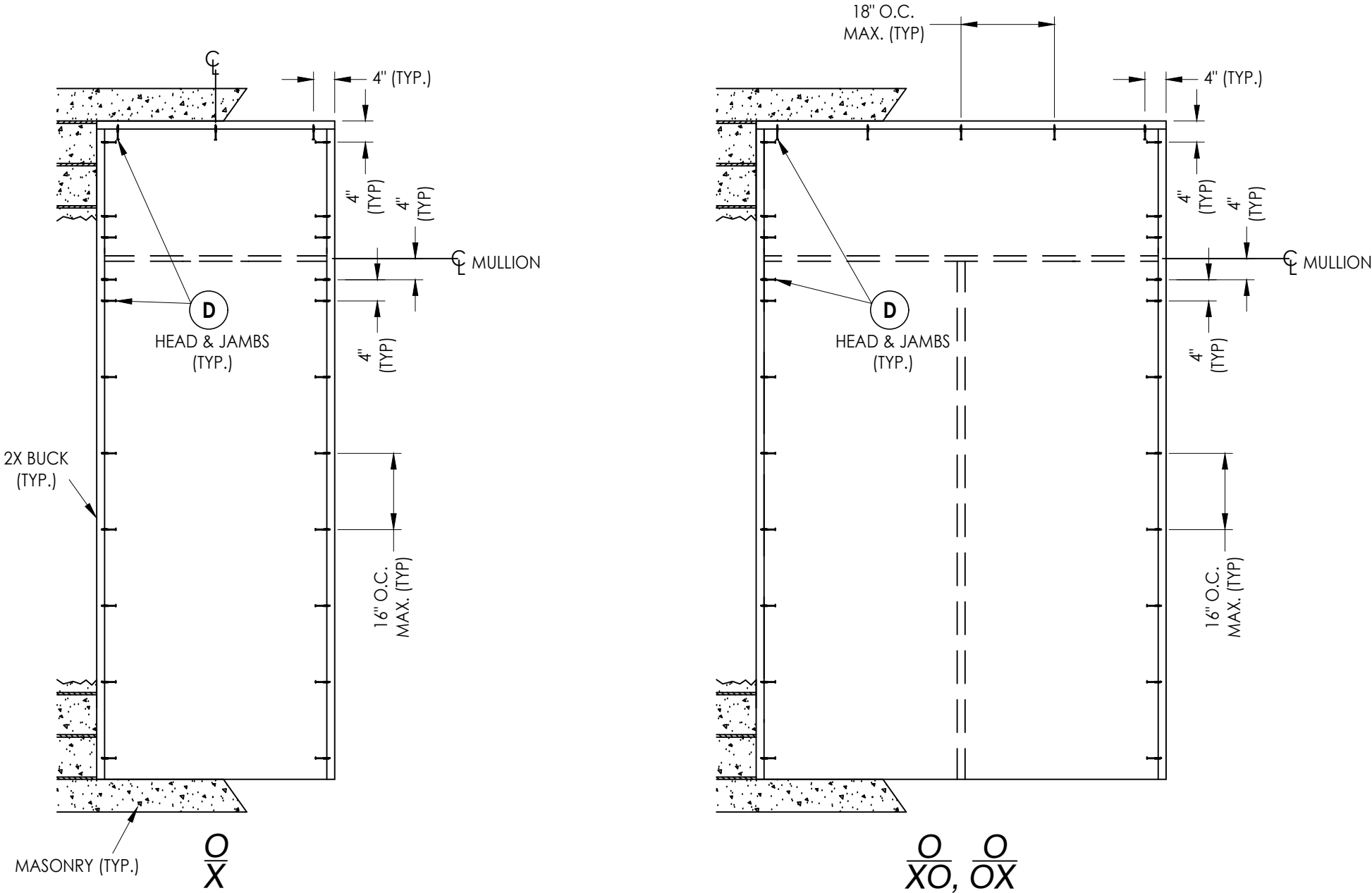
PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

Documents Prepared By:
Lyndon F. Schmidt
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-30006.15	
SHEET 10	OF 12

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
REVISIONS					

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

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813

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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
L	#10 X 2" PFH WOOD 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
10	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
14	MULTI-POINT STRIKE PLATE (TRILENNIUM)	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
34	MULTI-POINT TONGUE STRIKE PLATE (HOPPE)	STEEL
35	MULTI-POINT LATCH STRIKE PLATE (HOPPE)	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-
51	1" LVL MULLION	WOOD

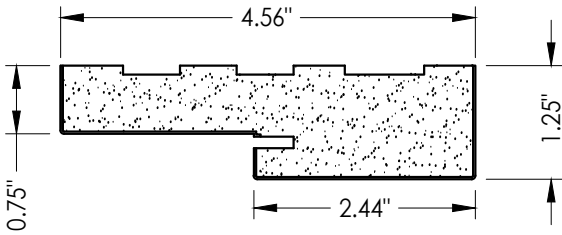
CONCRETE ANCHOR NOTES:

- 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:

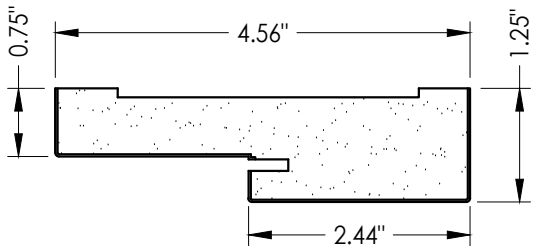
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

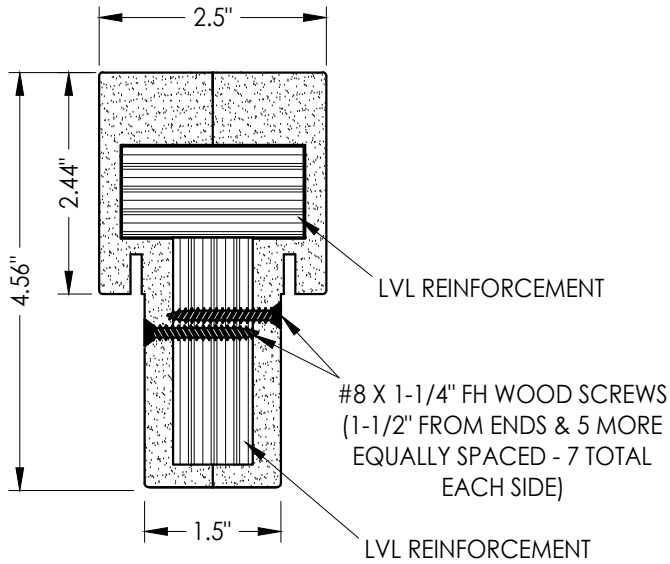
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



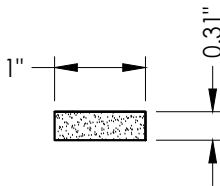
1 POLY FIBER JAMB



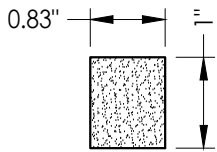
6 POLY FIBER TRANSOM JAMB



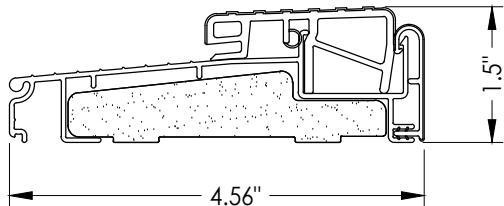
2 INTEGRAL MULLION



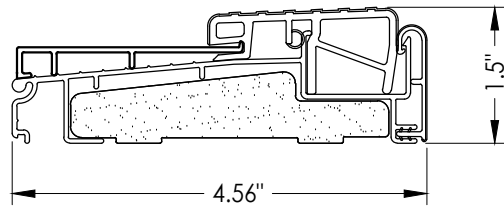
4 POLY FIBER MOLDING



5 POLY FIBER GLAZING BEAD



22 OUTSWING THRESHOLD
Endura (Z-Series)



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

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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-30006.15

SHEET 12 OF 12