



250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS SINGLE DOOR
w/ TRANSOM
w/ or w/out FIXED/VENTED SIDELITE(S)
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.

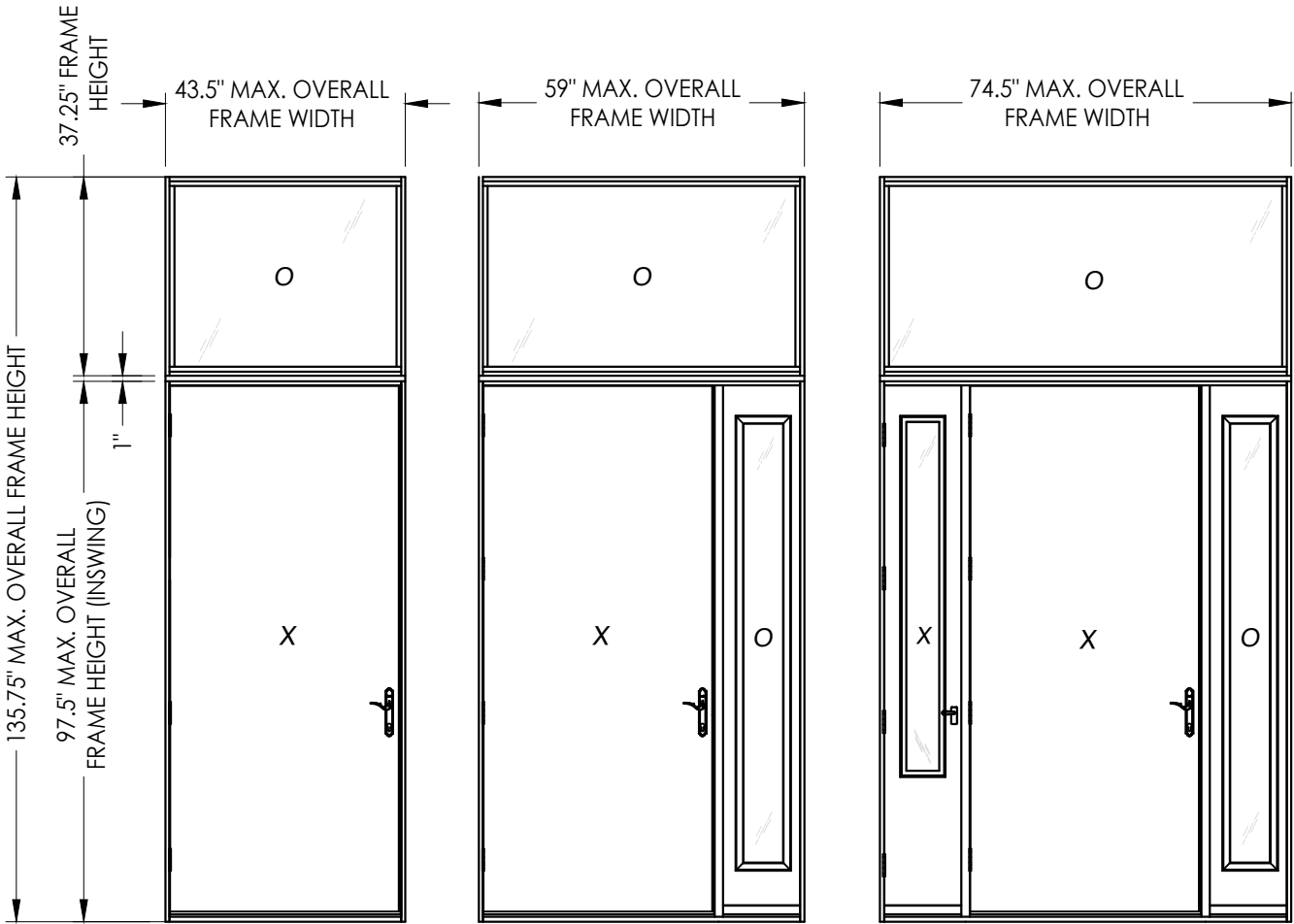
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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.

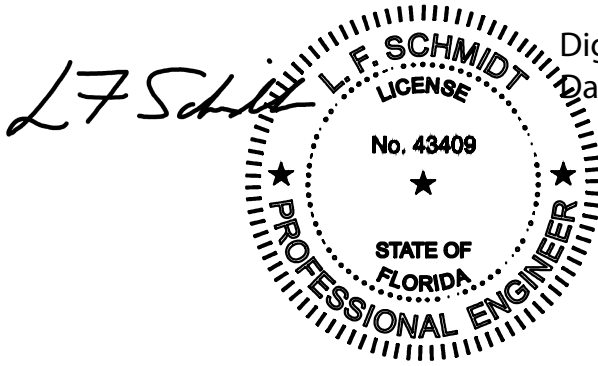
Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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9	Vertical & Horizontal Cross Sections (Direct to Masonry)
10	Horizontal Cross Sections
11	Buck Anchoring
12	Frame Anchoring
13	Hardware Details
14	Bill of Materials & Components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		INSWING	
		POSITIVE	NEGATIVE
	43.5" x 135.75"	+40.0	-45.0
	59.0" x 135.75"	+40.0	-45.0
	74.5" x 135.75"	+40.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 14:01:22 -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-30006.8

SHEET 1 OF 14

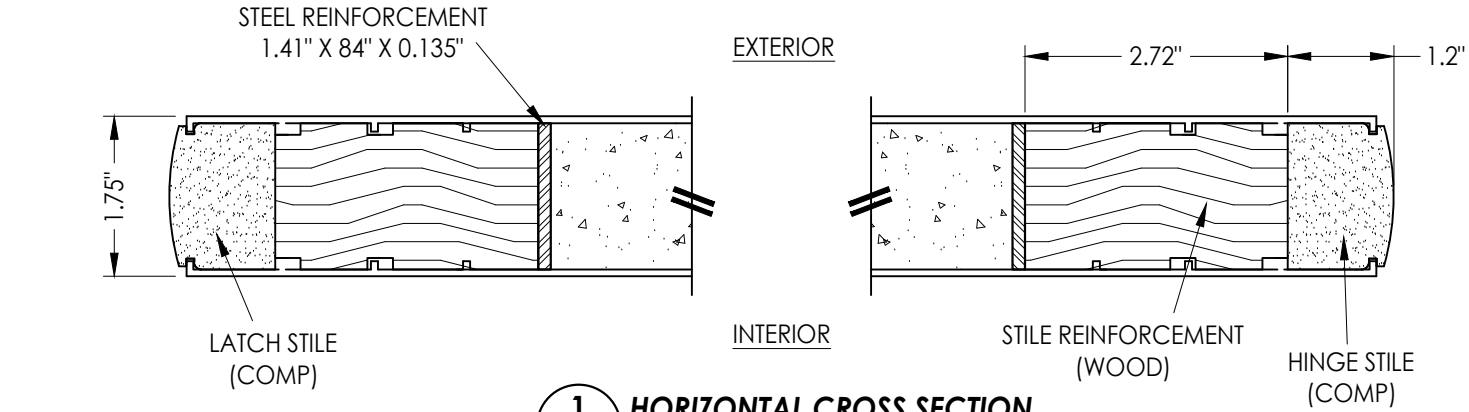
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

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

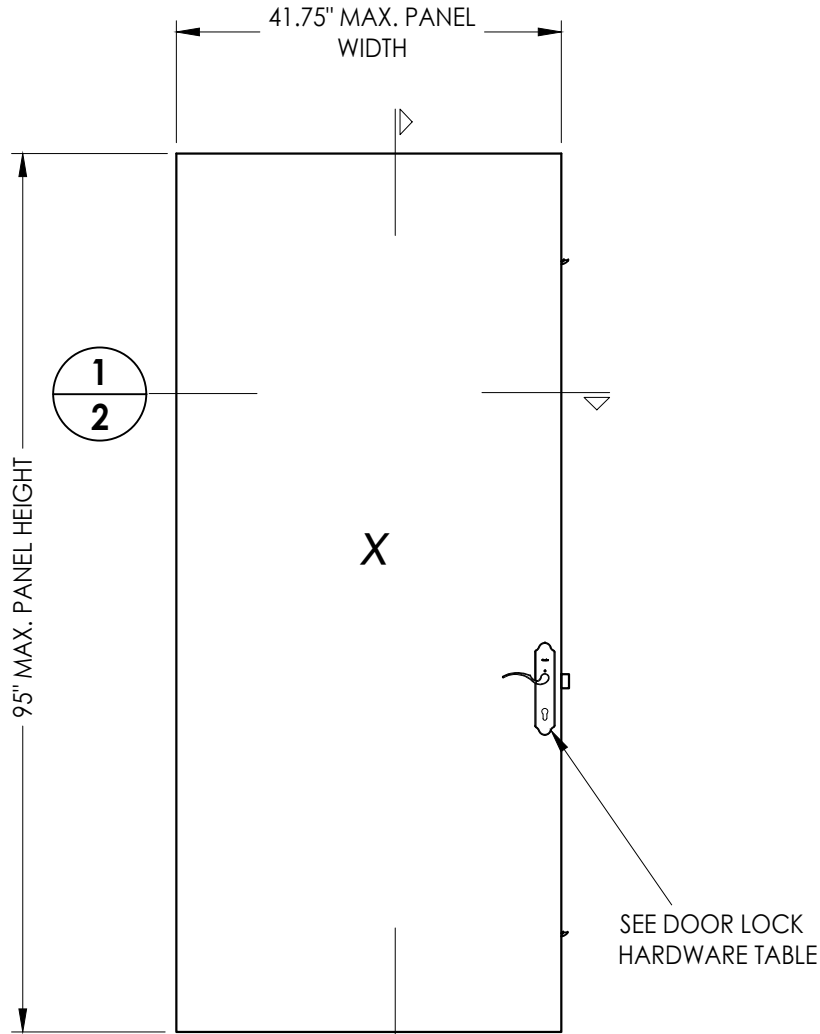
REVISIONS

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

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



1
2 **HORIZONTAL CROSS SECTION**

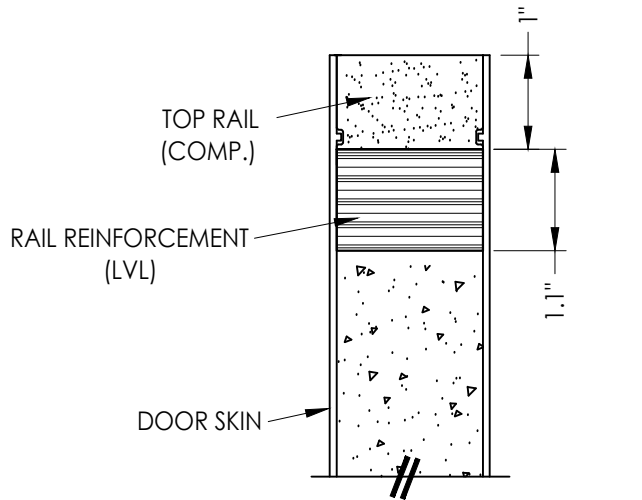


2
2

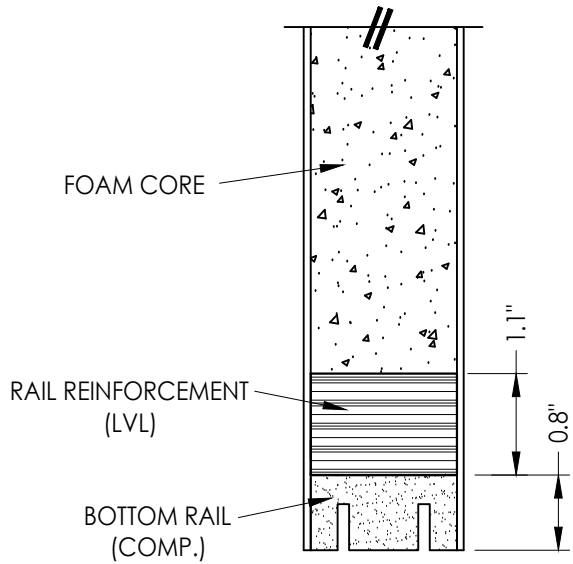
40 **DOOR PANEL**
Plastpro Fiberglass

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.)



INTERIOR EXTERIOR



2
2 **VERTICAL CROSS SECTION**

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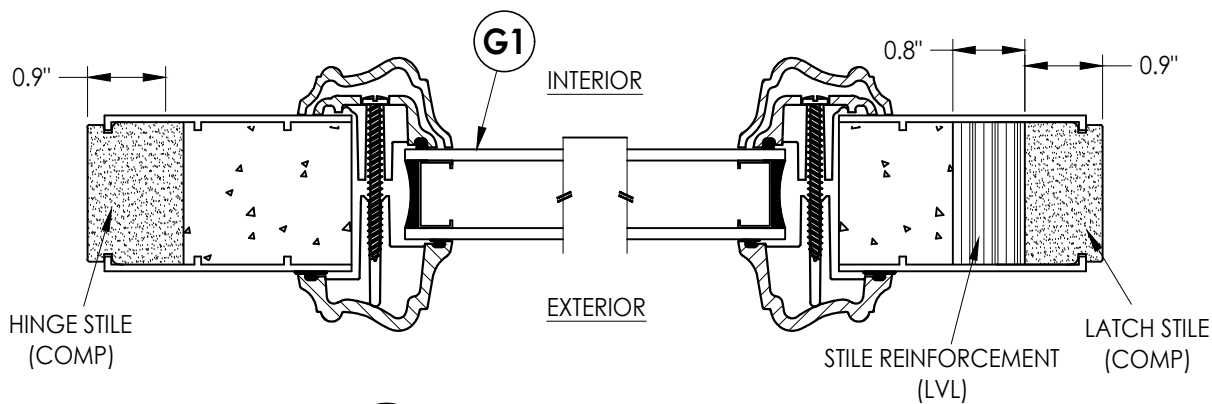
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

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

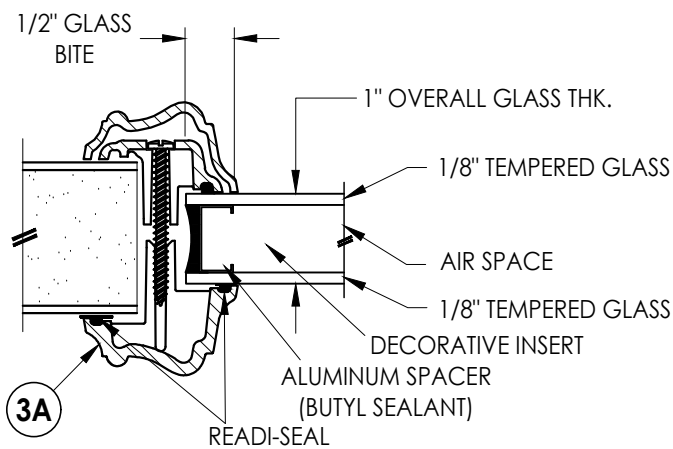
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1	8/20/20	UPDATE TO 7th ED. (2020) FBC

DATE:	6/27/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.8
SHEET	2 OF 14

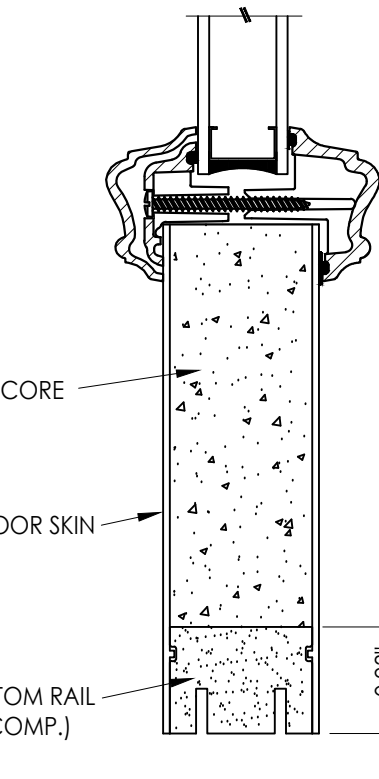
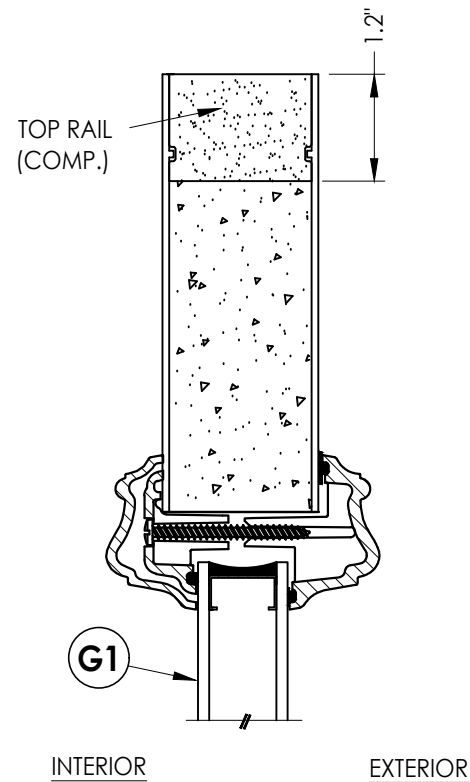
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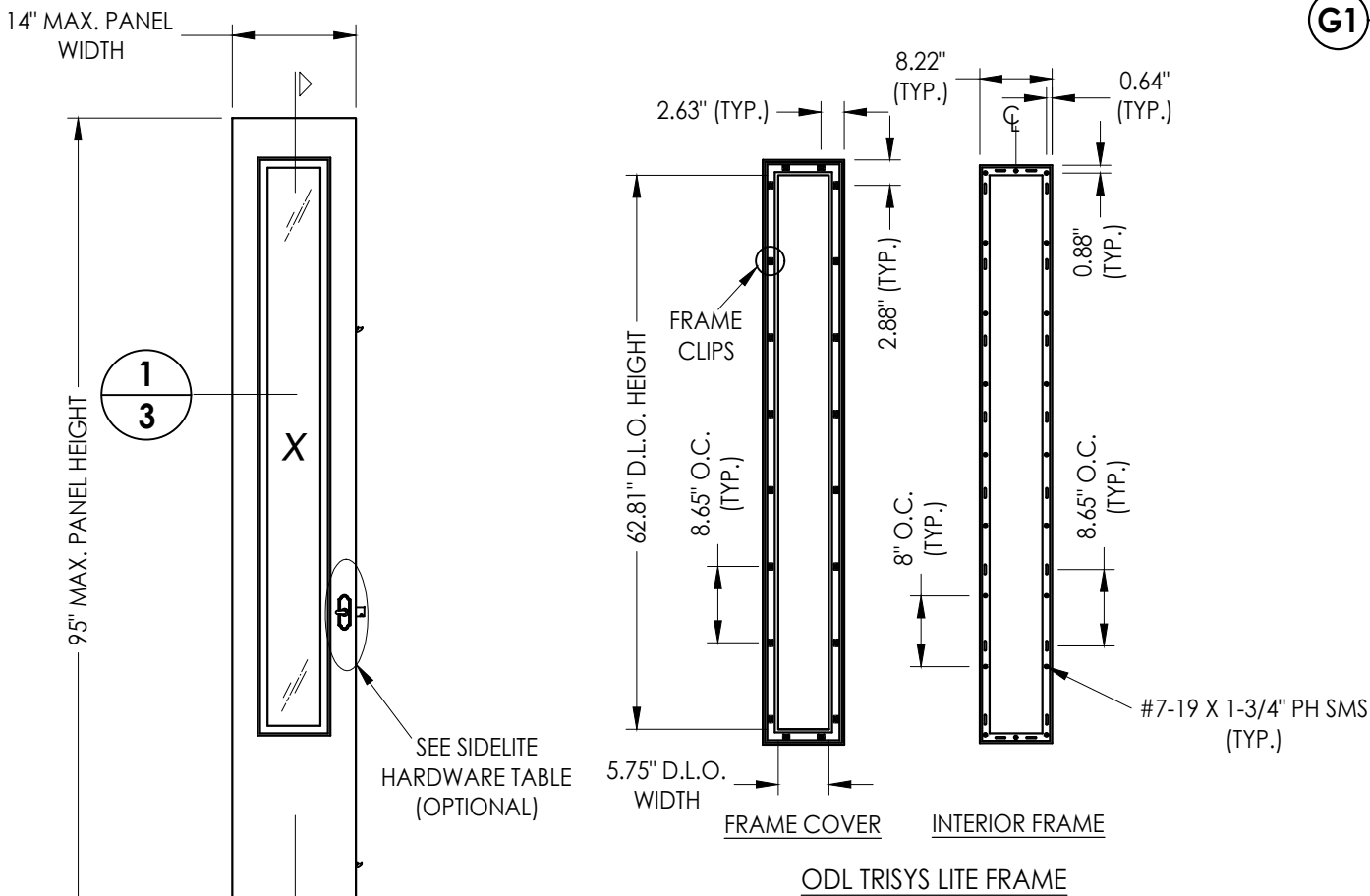
1
3 **HORIZONTAL CROSS SECTION**



G1 **GLAZING DETAIL**



2
3 **VERTICAL CROSS SECTION**



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

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

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

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P.E. No. 43409

BUILDING CONSULTANTS, INC.
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PRODUCT: WINCORE
FIBERGLASS DOOR
PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS (VENTED)

REVISONS	
NO.	DATE
2	7/06/23
1	8/20/20

DATE: 6/27/19

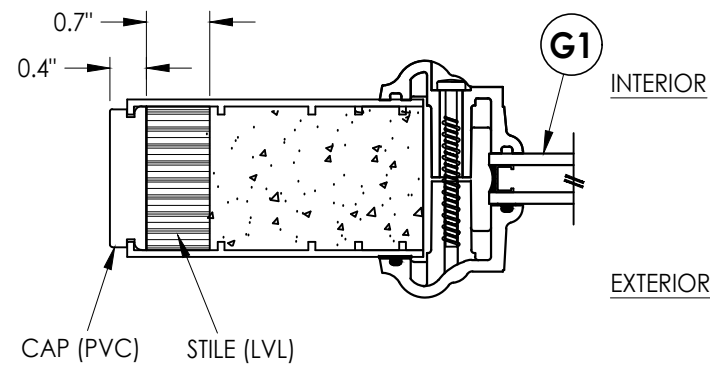
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DWG. BY: RW

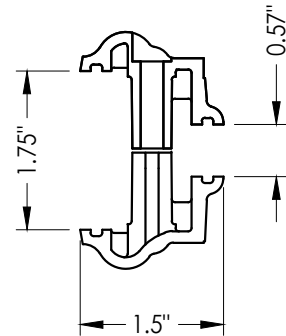
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DRAWING NO.:
FL-30006.8

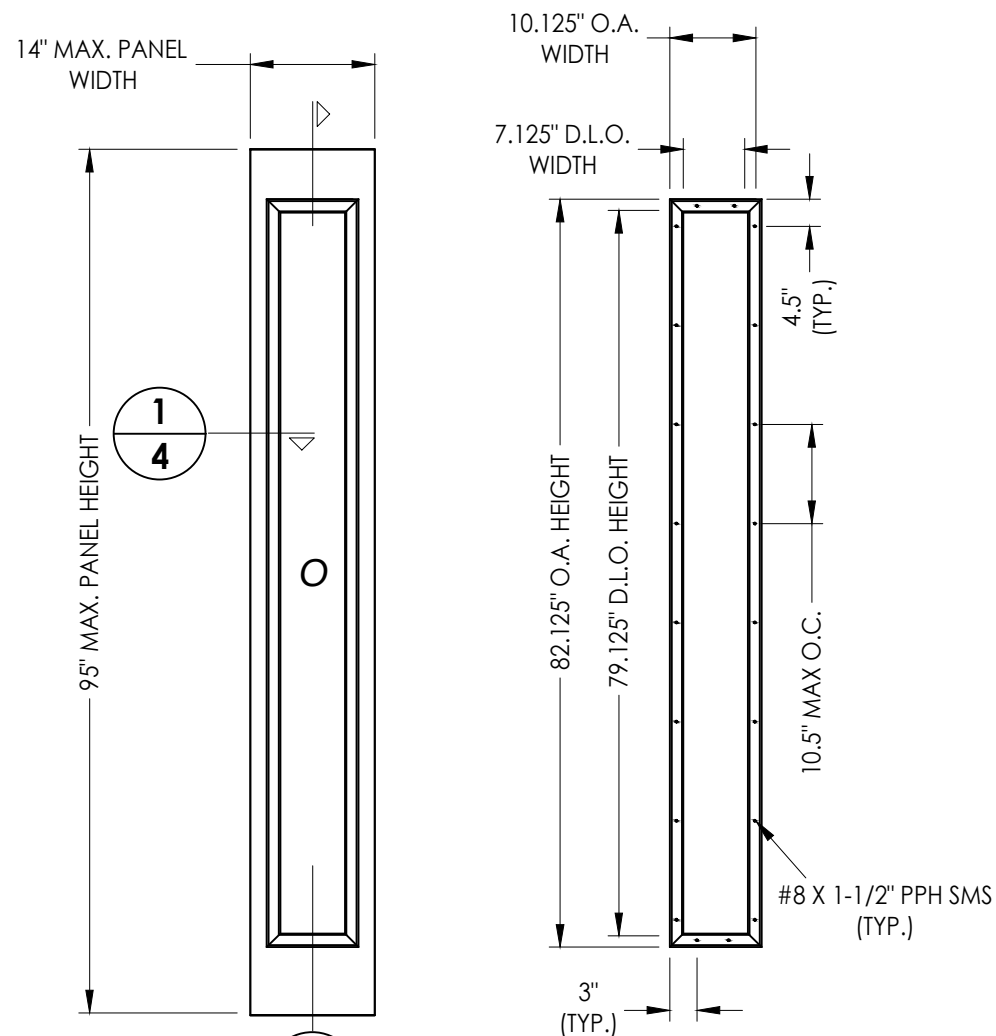
SHEET 3 OF 14



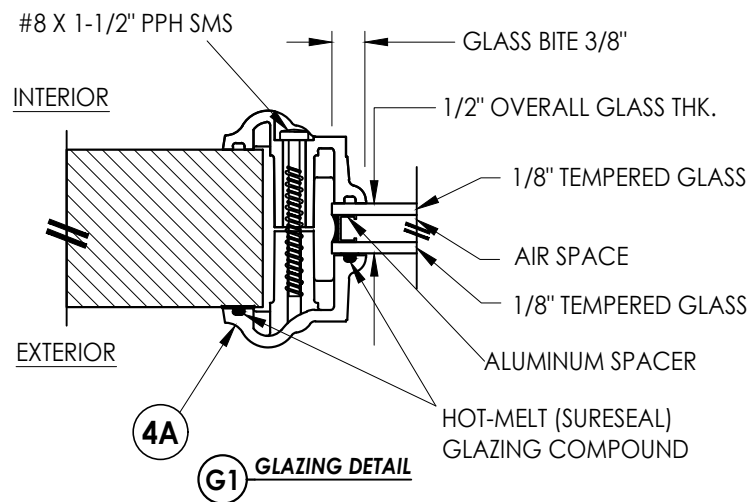
1 **HORIZONTAL CROSS SECTION**



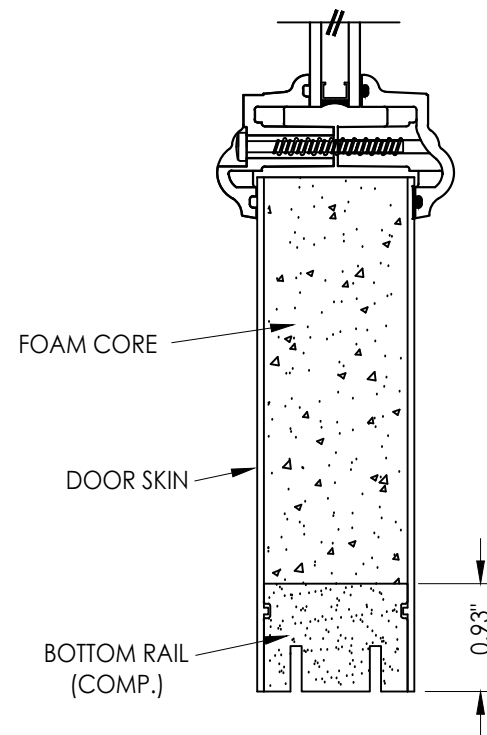
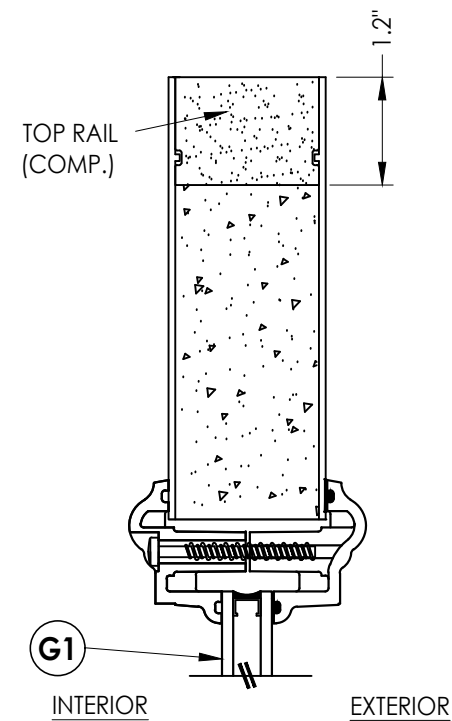
4A **ODL LITE FRAME**
HP Polypropylene



ODL LITE FRAME

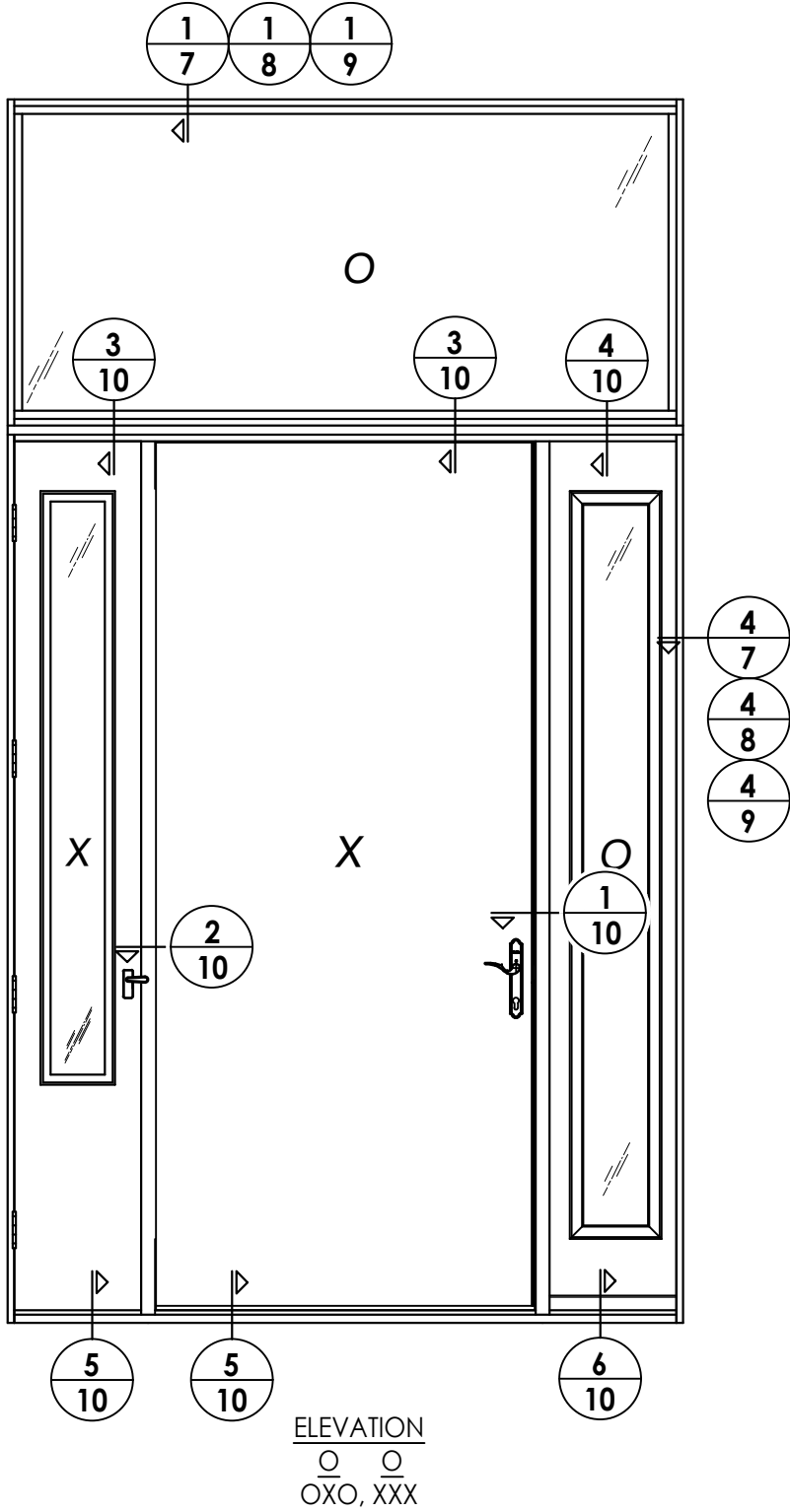
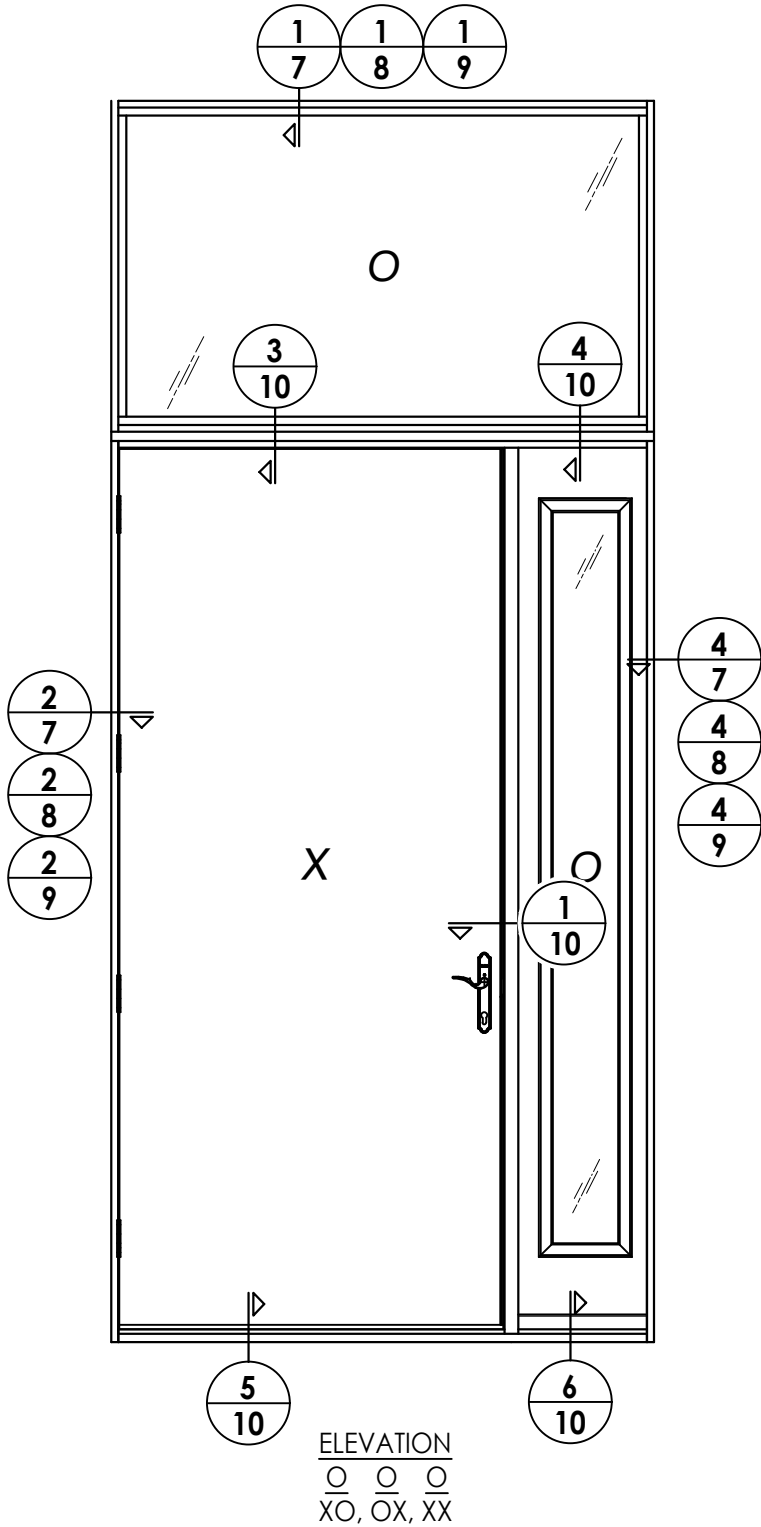
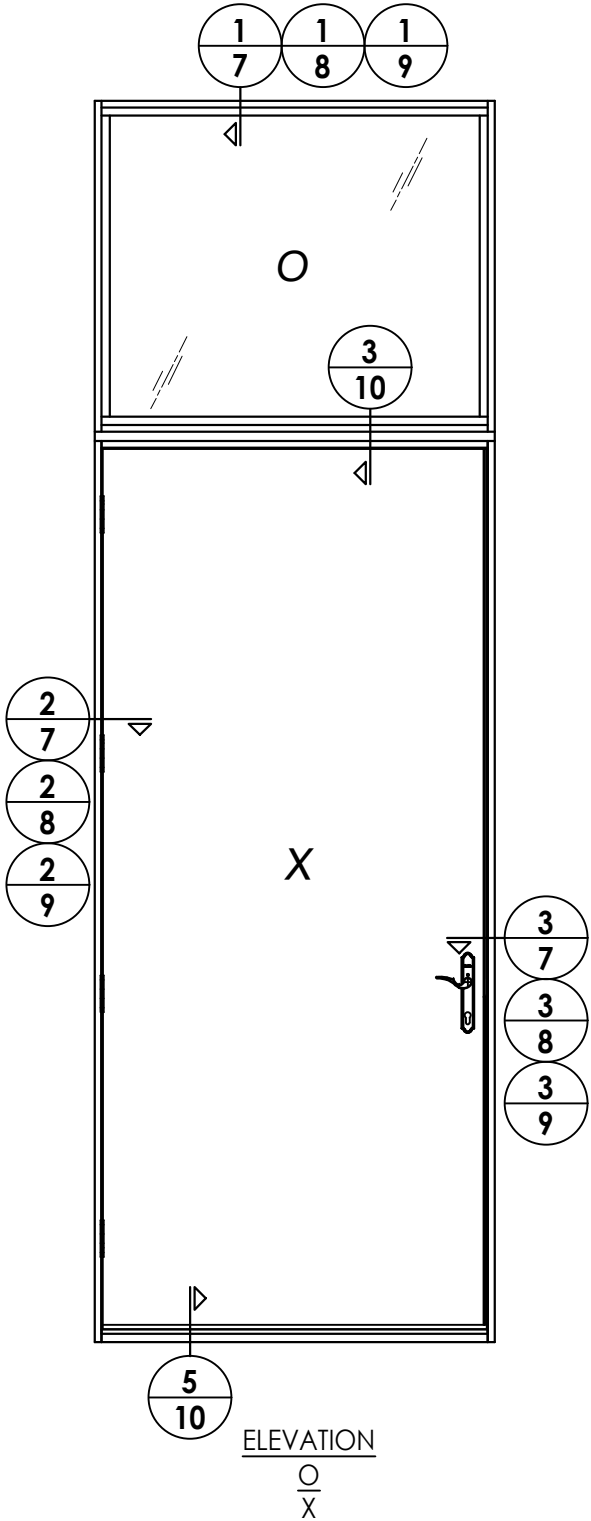


G1 GLAZING DETAIL



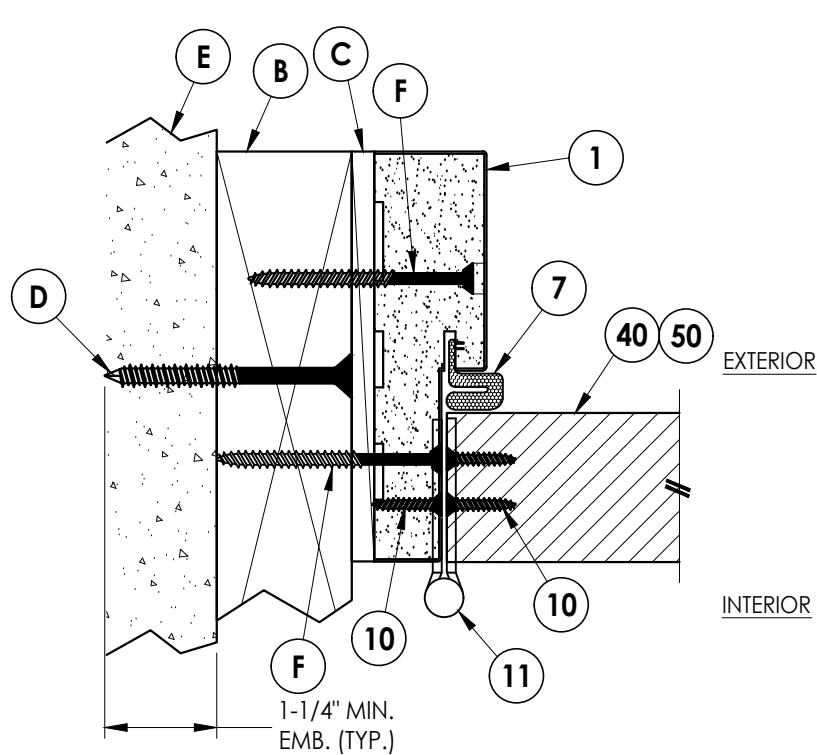
2 VERTICAL CROSS SECTION
4

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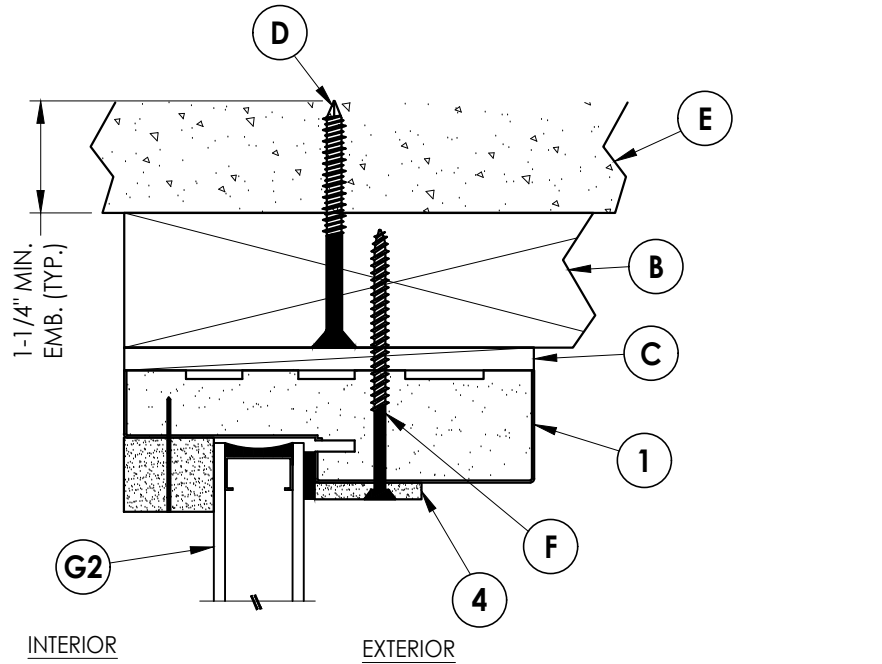


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: WINCORE FIBERGLASS DOOR				PART OR ASSEMBLY: ELEVATIONS			
				LFS			
				FBC			
				DAC			
				BY			
NO.				DATE			
2				7/06/23			
1				8/20/20			
DATE				REVISIONS			
DATE: 6/27/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30006.8							
SHEET 6 OF 14							

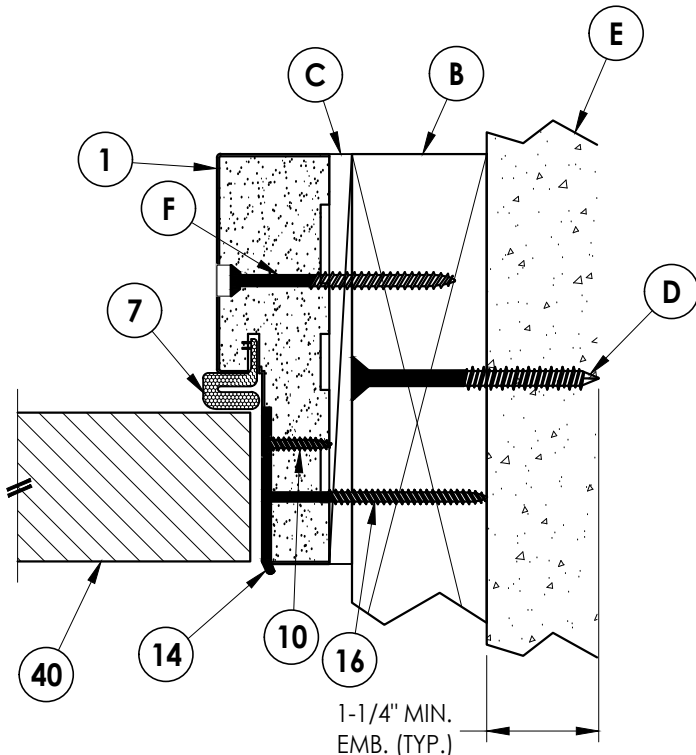
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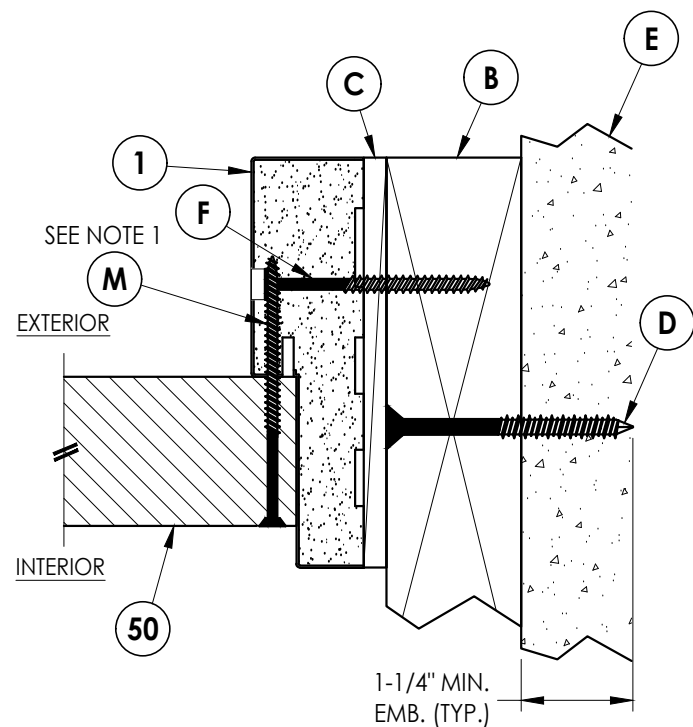
2 HORIZONTAL CROSS SECTION
Inswing shown
2X Buck Construction



1 VERTICAL CROSS SECTION
Inswing shown
2X Buck Construction



3 HORIZONTAL CROSS SECTION
Inswing shown
2X Buck Construction



4 HORIZONTAL CROSS SECTION
Inswing shown
2X Buck Construction

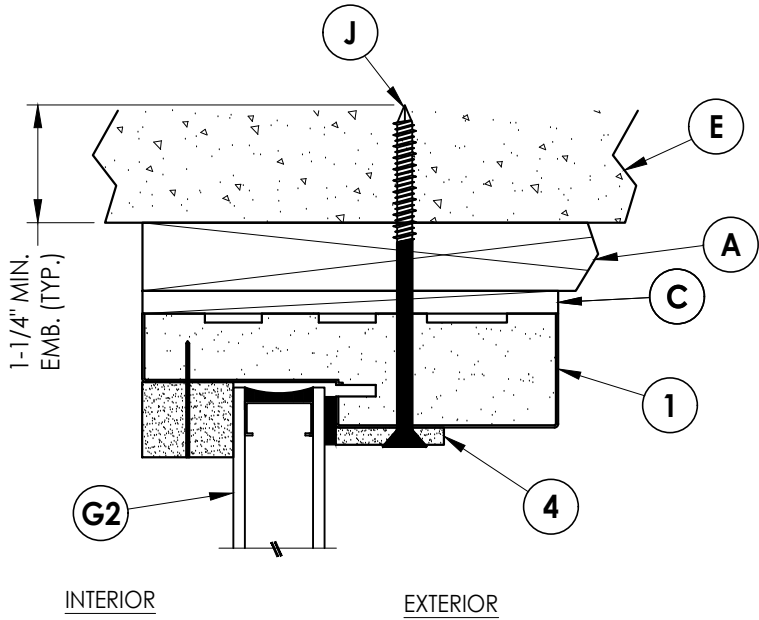
NOTE:
Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

PRODUCT:		PART OR ASSEMBLY:	
WINCORE FIBERGLASS DOOR		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
1	8/20/20	DATE	BY
DATE: 6/27/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30006.8			
SHEET 7 OF 14			

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P.E. No. 43409

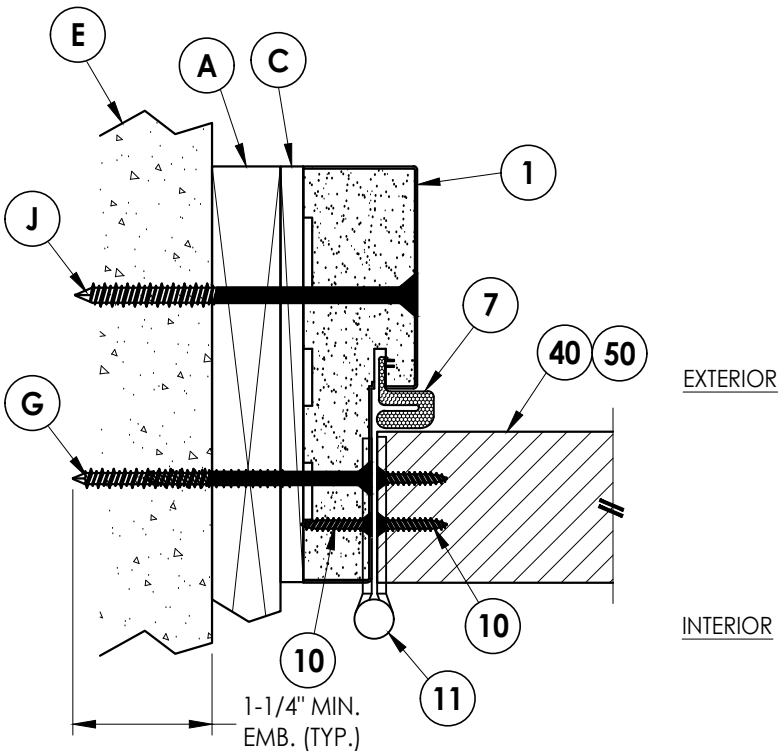
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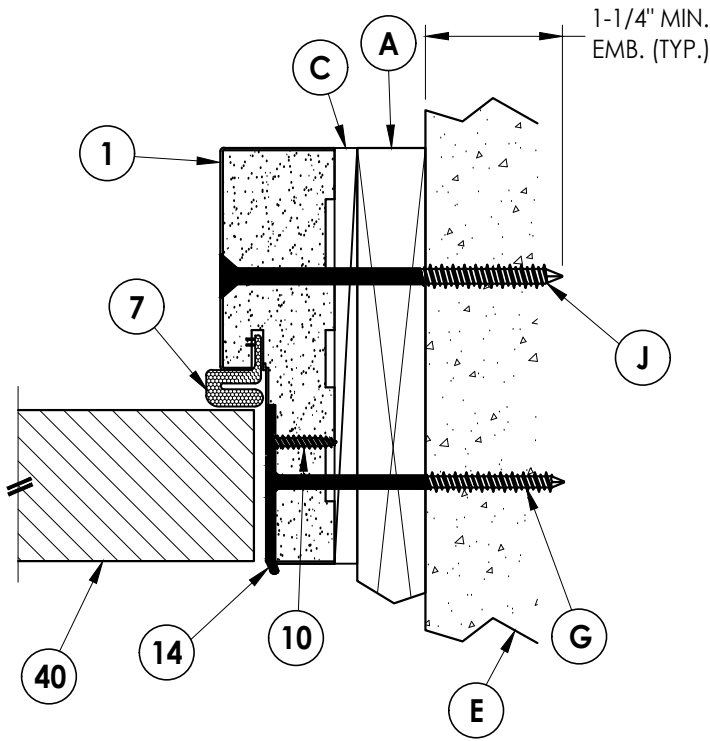


1
8 **VERTICAL CROSS SECTION**
Inswing shown
1X Buck Construction

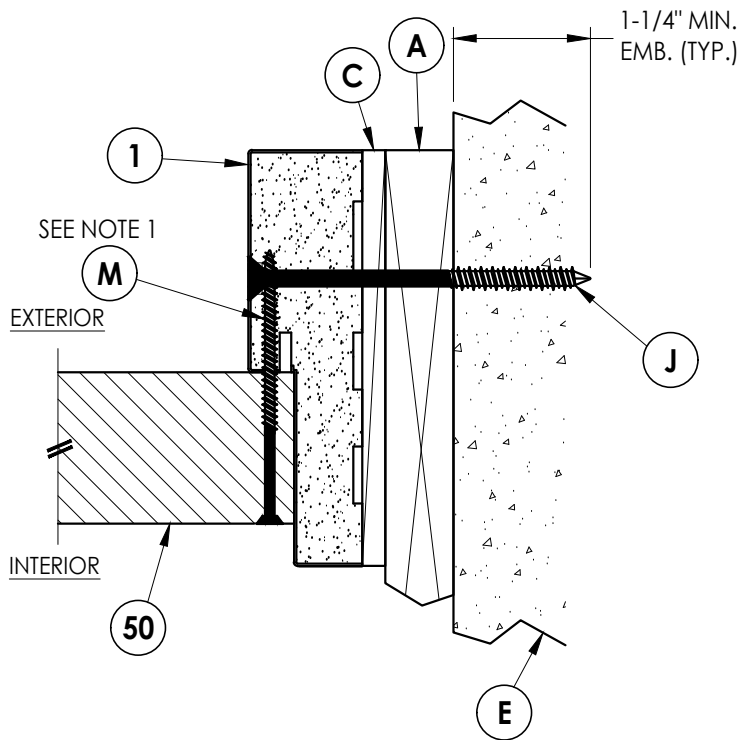
NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.



2
8 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction



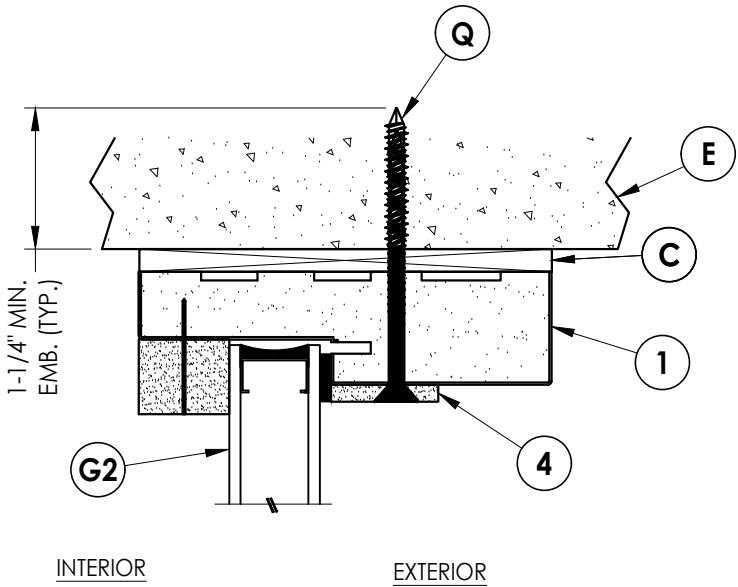
3
8 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction



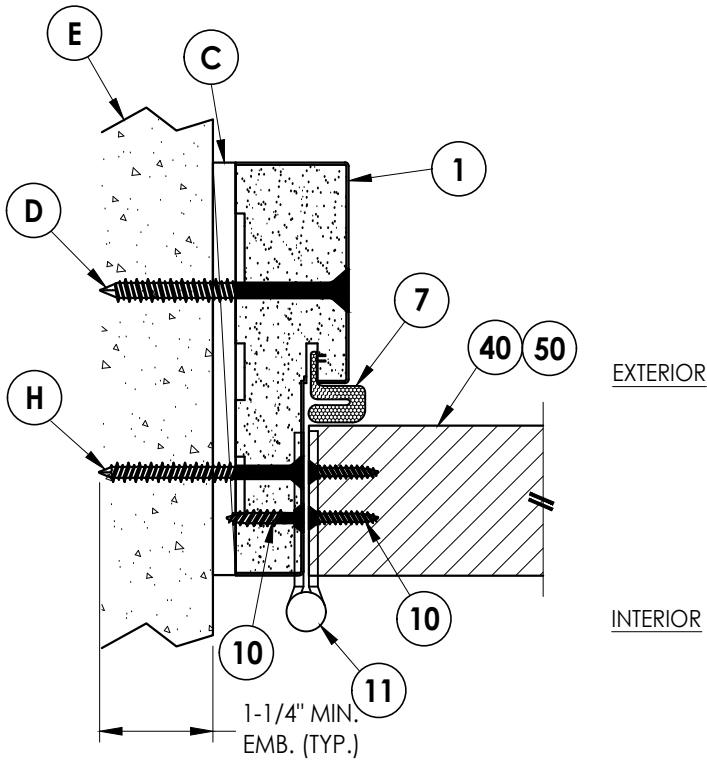
4
8 **HORIZONTAL CROSS SECTION**
Inswing shown
1X Buck Construction

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PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK MASONRY)	
		LFS	REVISIONS
		DAC	
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			
CHK. BY: LFS			
DRAWING NO.: FL-30006.8			
SHEET 8 of 14			

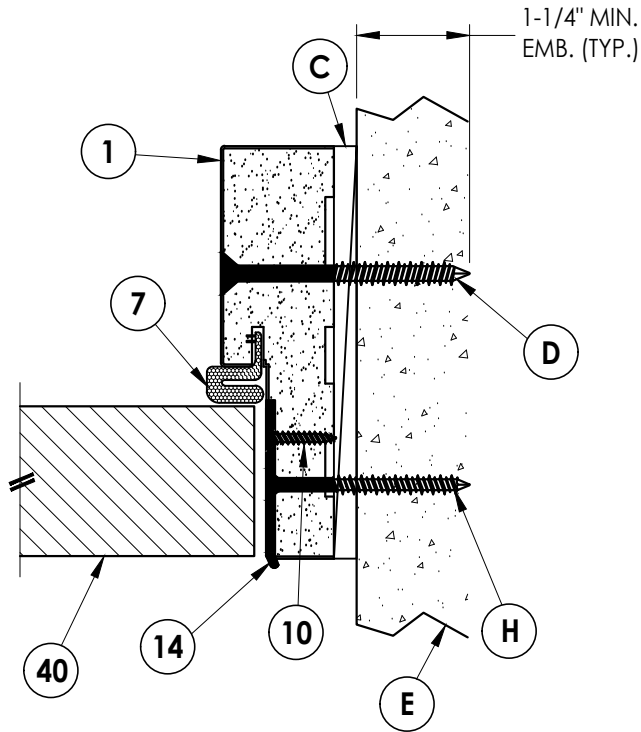
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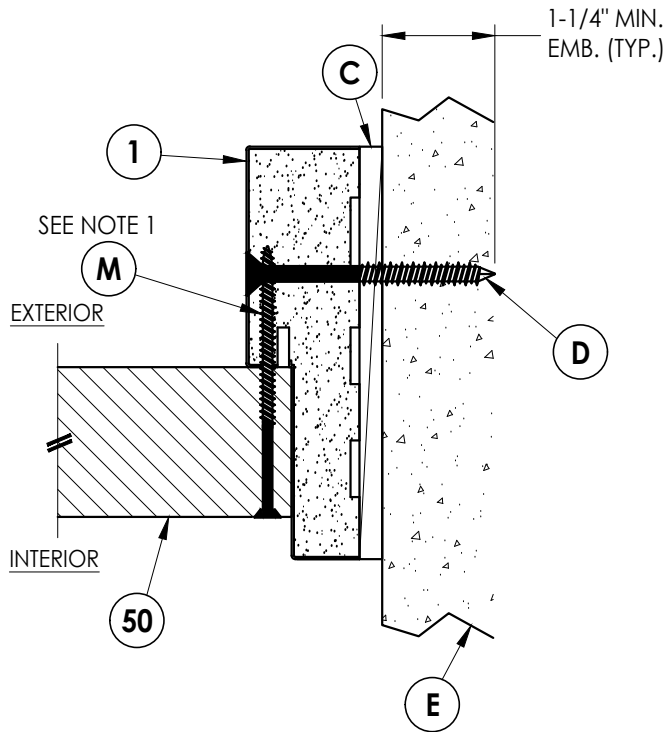
1
9 **VERTICAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



2
9 **HORIZONTAL CROSS SECTION**
Inswing shown
Direct to Masonry Construction



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



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

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

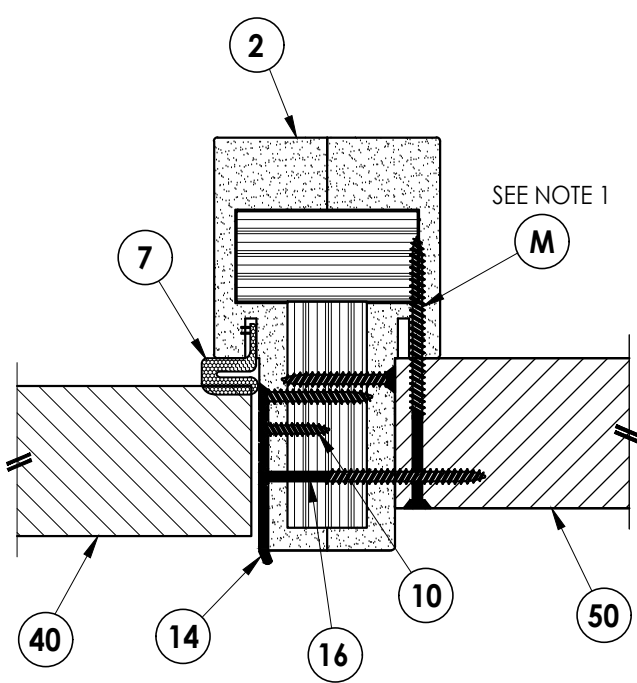
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WINCORE FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	BY
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC	DAC
NO.	DATE		BY

DATE: 6/27/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.8
SHEET 9 OF 14

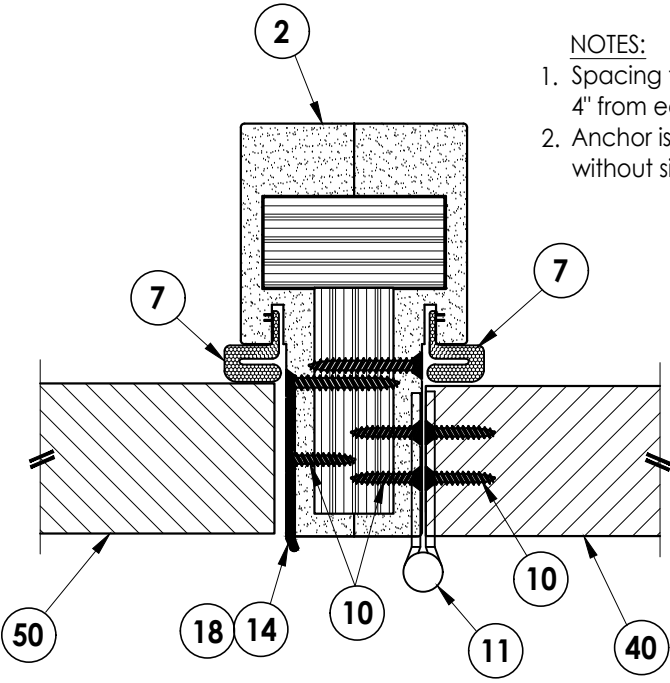
Documents Prepared By:
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Phone No.: 813.659.9197
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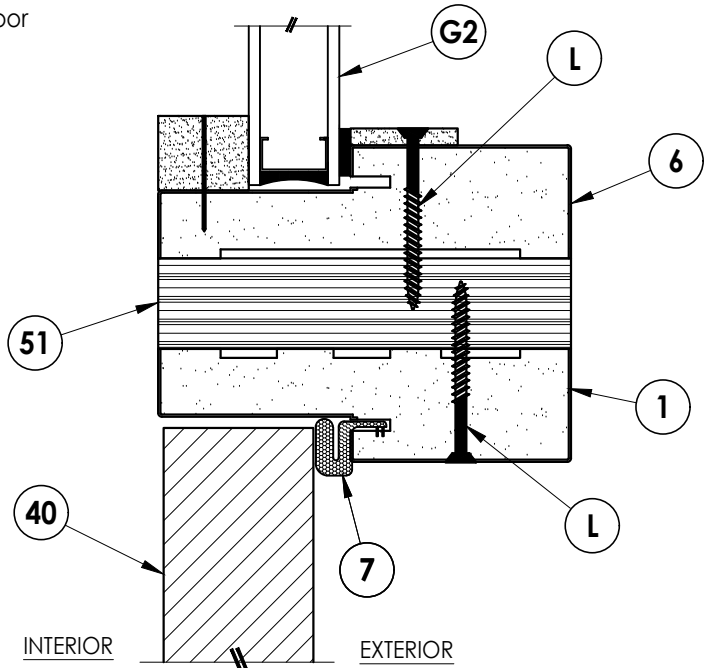


1
10 HORIZONTAL CROSS SECTION

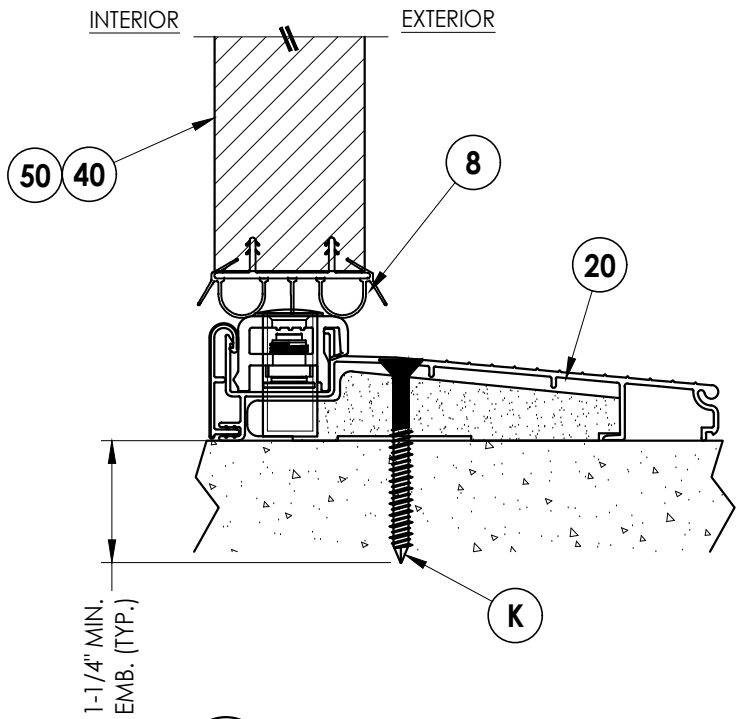


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10 HORIZONTAL CROSS SECTION

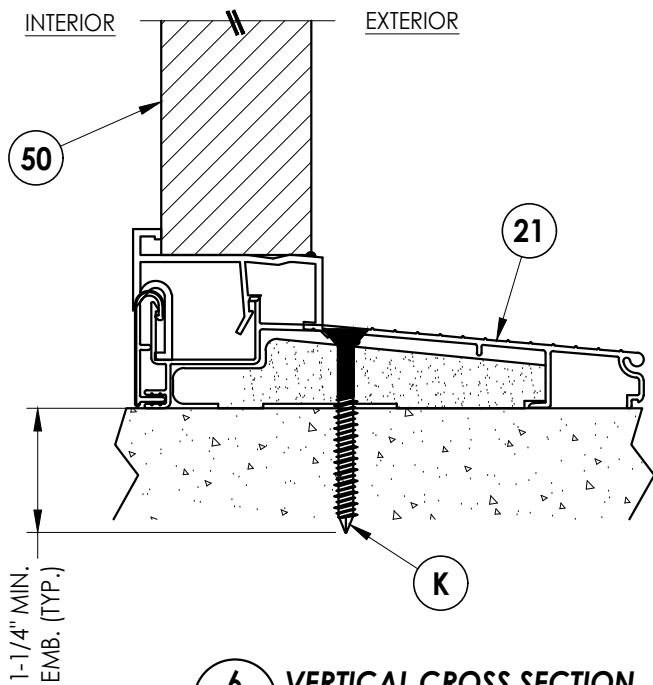
- NOTES:
1. Spacing for sidelite screws (item M): 4" from each end & 8" o.c.
 2. Anchor is not required for single door without sidelites.



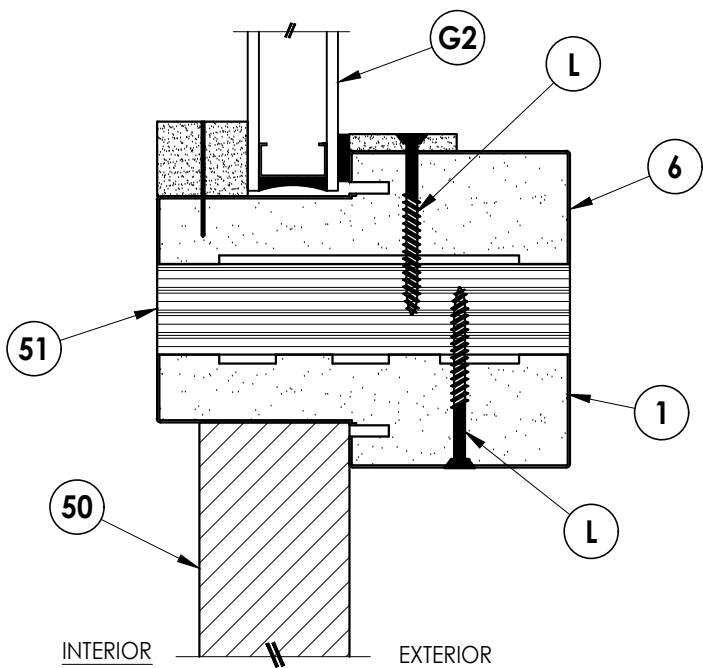
3
10 VERTICAL CROSS SECTION



5
10 VERTICAL CROSS SECTION
Inswing sill



6
10 VERTICAL CROSS SECTION
Inswing sill



4
10 VERTICAL CROSS SECTION

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

BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry License No. 9813

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

DATE: 6/27/19

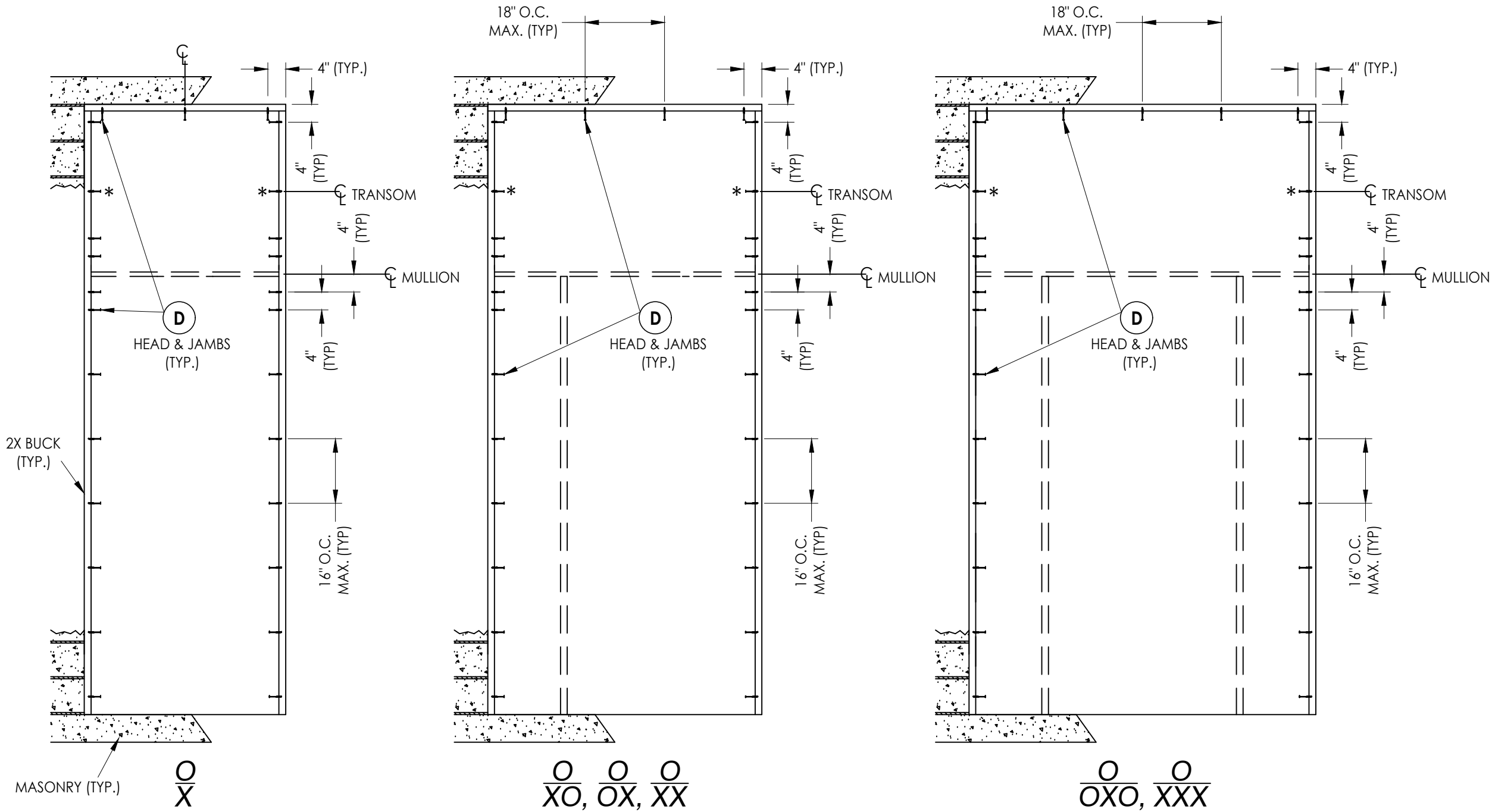
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.8

SHEET 10 OF 14



DATE: 6/27/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30006.8
SHEET 11 OF 14

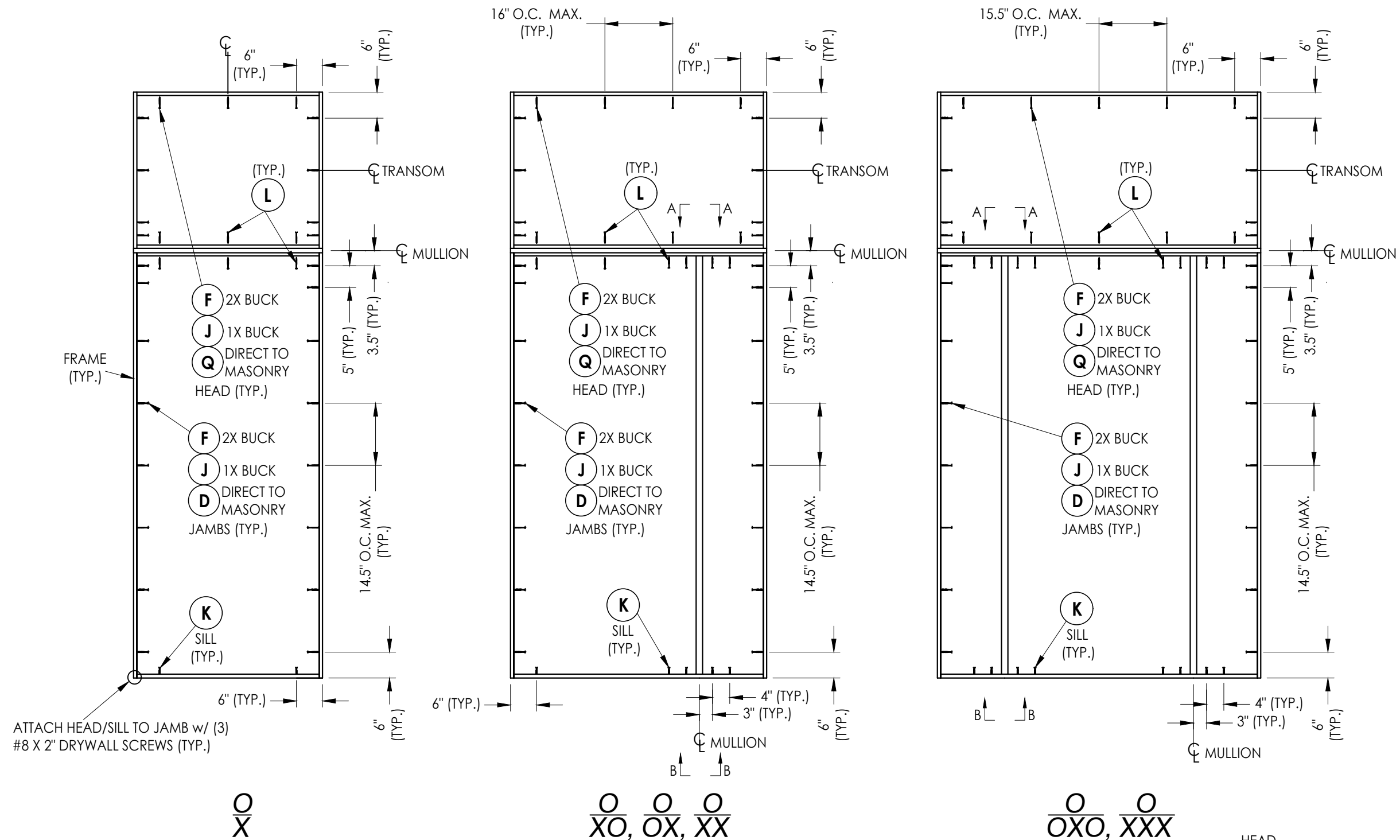
REVISIONS	
NO.	DATE
2	7/06/23
1	8/20/20

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

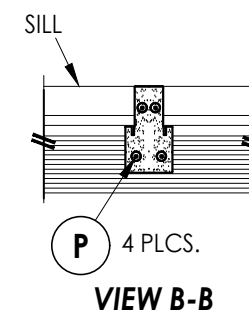
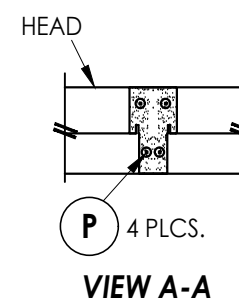
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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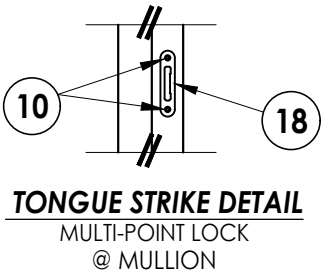


FRAME ANCHORING

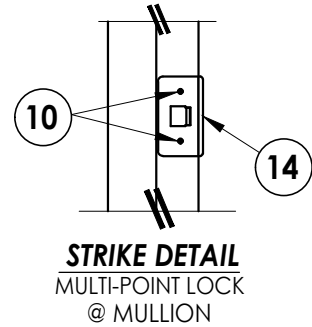
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

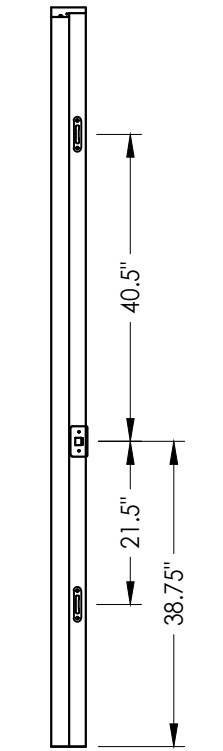
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE Registry License No. 9813



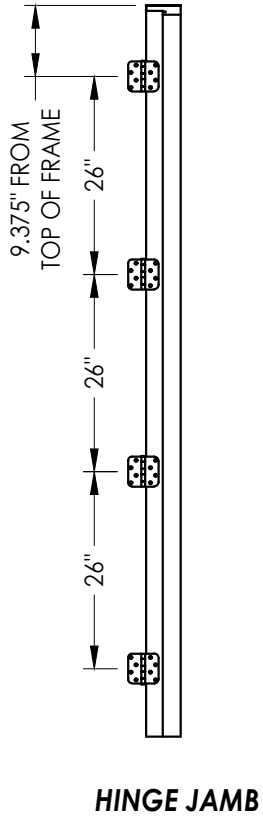
TONGUE STRIKE DETAIL
MULTI-POINT LOCK
@ MULLION



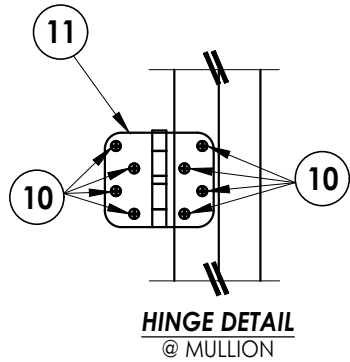
STRIKE DETAIL
MULTI-POINT LOCK
@ MULLION



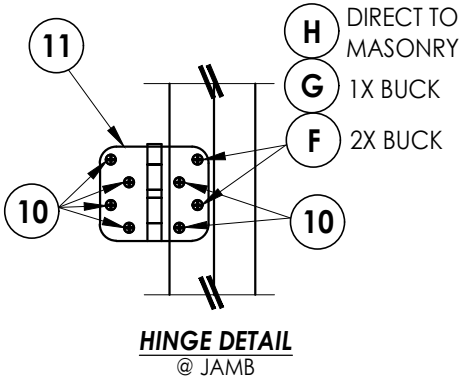
STRIKE MULLION
Multi-point Lock
(Vented Sidelite)



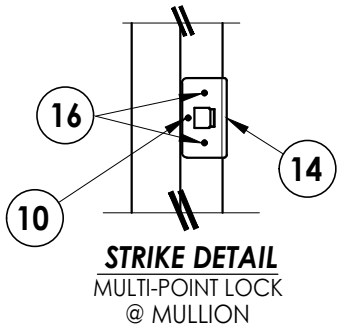
HINGE JAMB



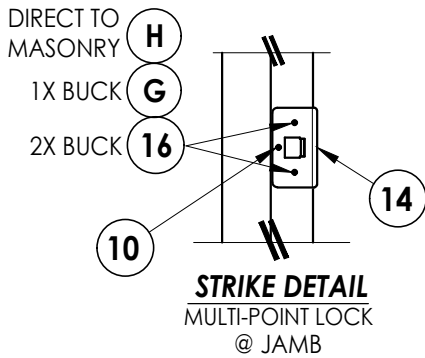
HINGE DETAIL
@ MULLION



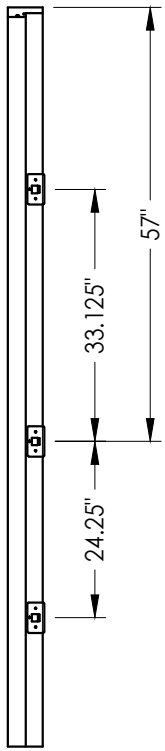
HINGE DETAIL
@ JAMB



STRIKE DETAIL
MULTI-POINT LOCK
@ MULLION



STRIKE DETAIL
MULTI-POINT LOCK
@ JAMB



STRIKE JAMB/MULLION
Multi-point Lock
(Door)

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: HARDWARE DETAILS			
				LFS	FBC	DATE	REVISIONS
				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-30006.8							
SHEET 13 OF 14							

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
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
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	-
51	1" LVL MULLION	WOOD

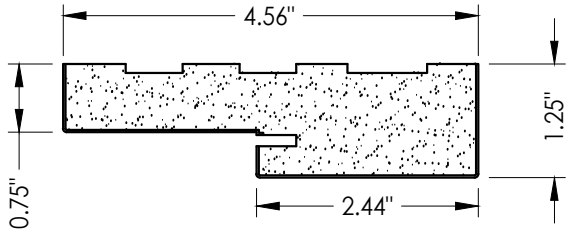
CONCRETE ANCHOR NOTES:

- 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:

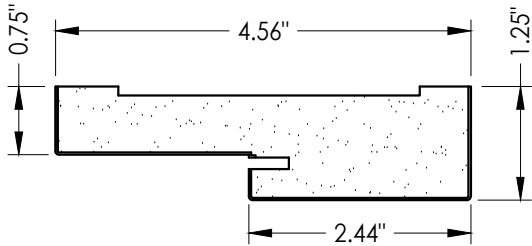
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

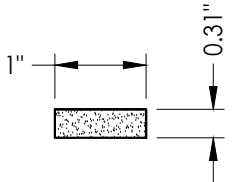
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



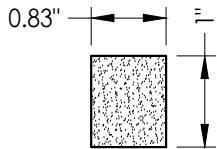
1 POLY FIBER JAMB



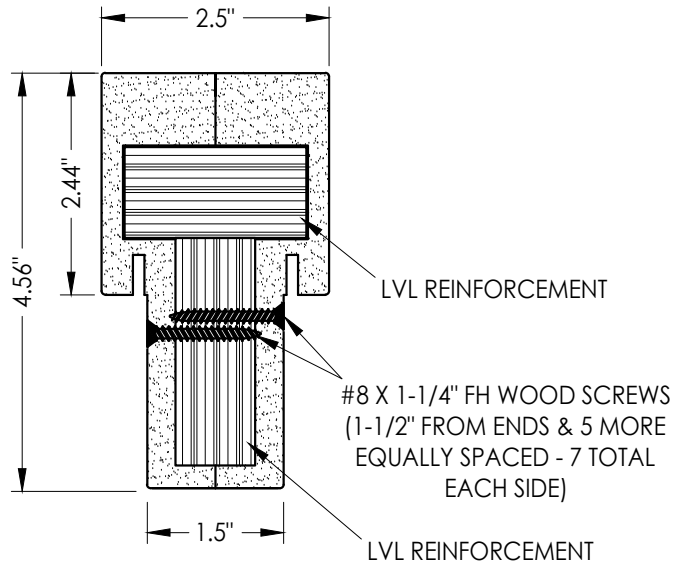
6 POLY FIBER TRANSOM JAMB



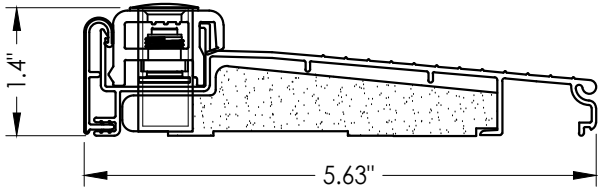
4 POLY FIBER MOLDING



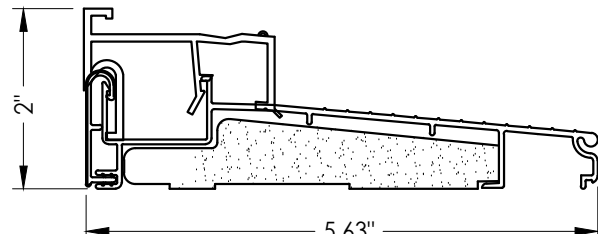
5 POLY FIBER GLAZING BEAD



2 INTEGRAL MULLION



20 INSWING THRESHOLD
Endura (Z-Series)



21 INSWING 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
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DATE: 6/27/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.8

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