



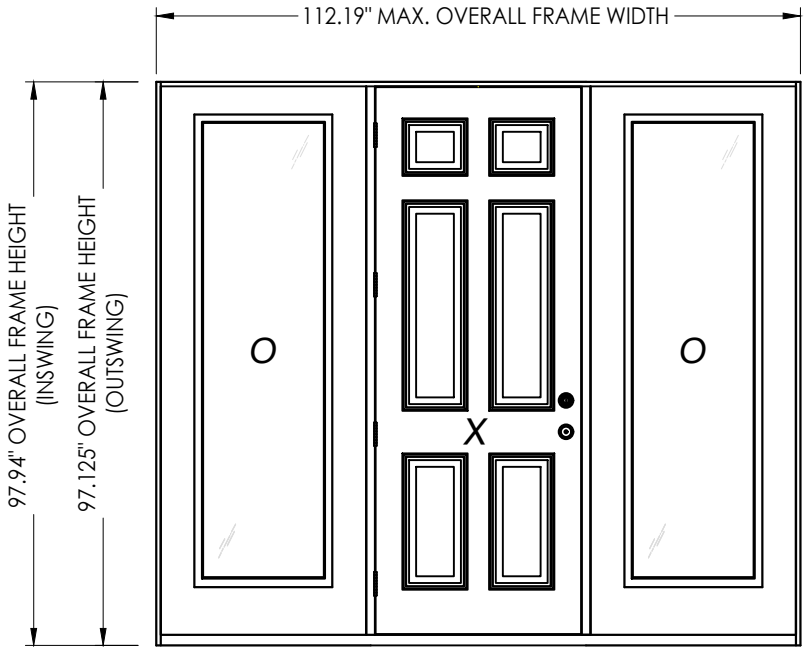
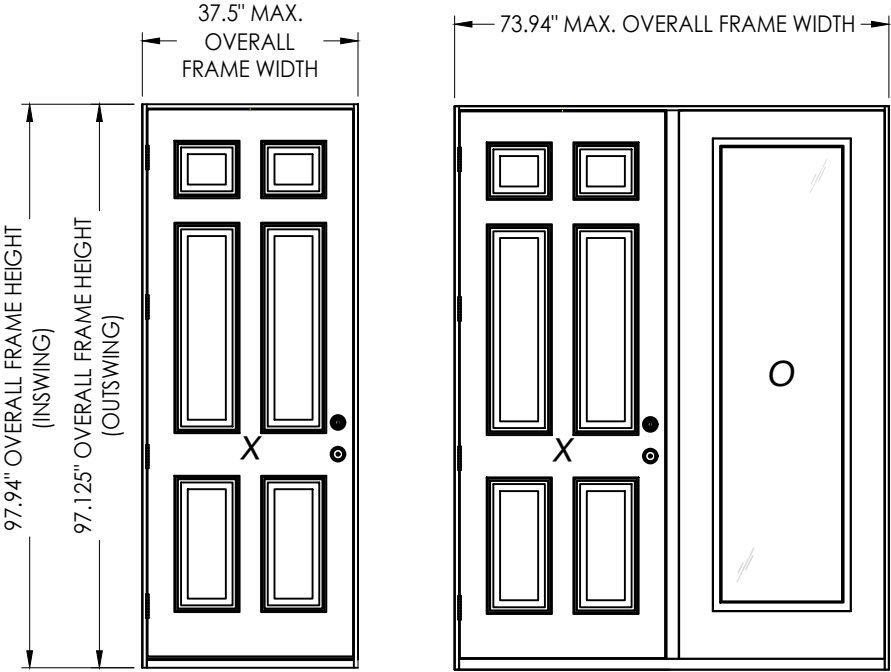
250 Staunton Turnpike, Parkersburg, WV 26104

WINCORE FIBERGLASS ENTRY DOOR
INSWING / OUTSWING
"NON-IMPACT"

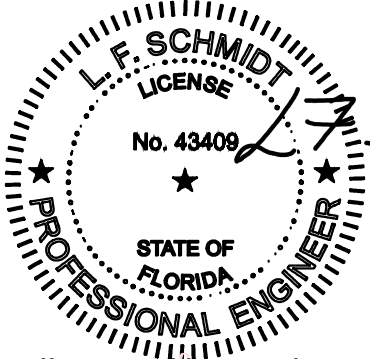
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 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 FBC Sections 1609.1.2 & R301.2.1.2.
- 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel & glazing details
4	Elevations
5	Vertical cross sections
6	Horizontal cross sections
7	Buck anchoring
8	Frame anchoring & hardware details
9	Bill of materials and components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 97.94"	+40.0	-45.0	+40.0	-40.0
OX/XO	73.94" x 97.94"	+40.0	-45.0	+40.0	-40.0
OXO	112.19" x 97.94"	+40.0	-45.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 07:53:48 -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.

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

WINCORE FIBERGLASS DOOR

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

3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

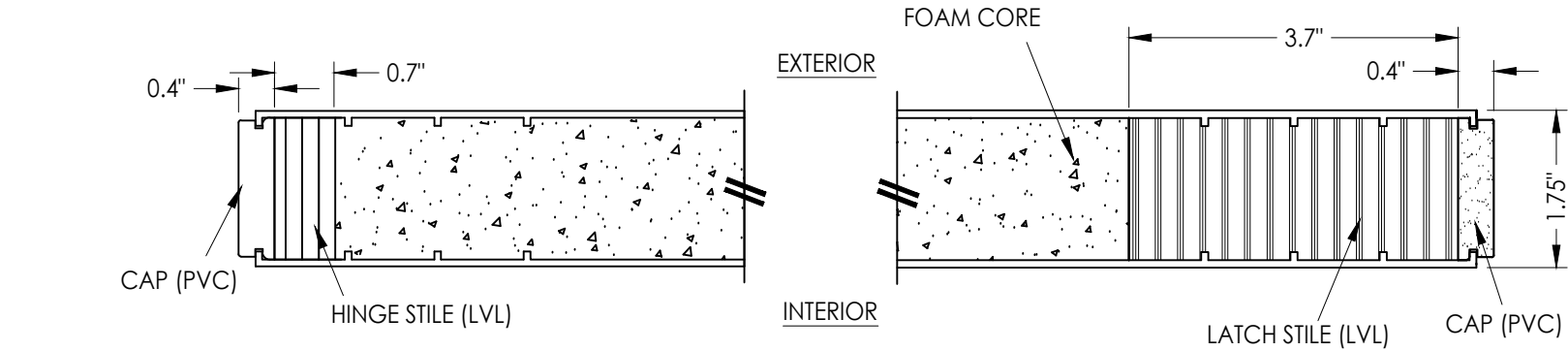
DRAWING NO.: FL-14094.7

SHEET 1 OF 9

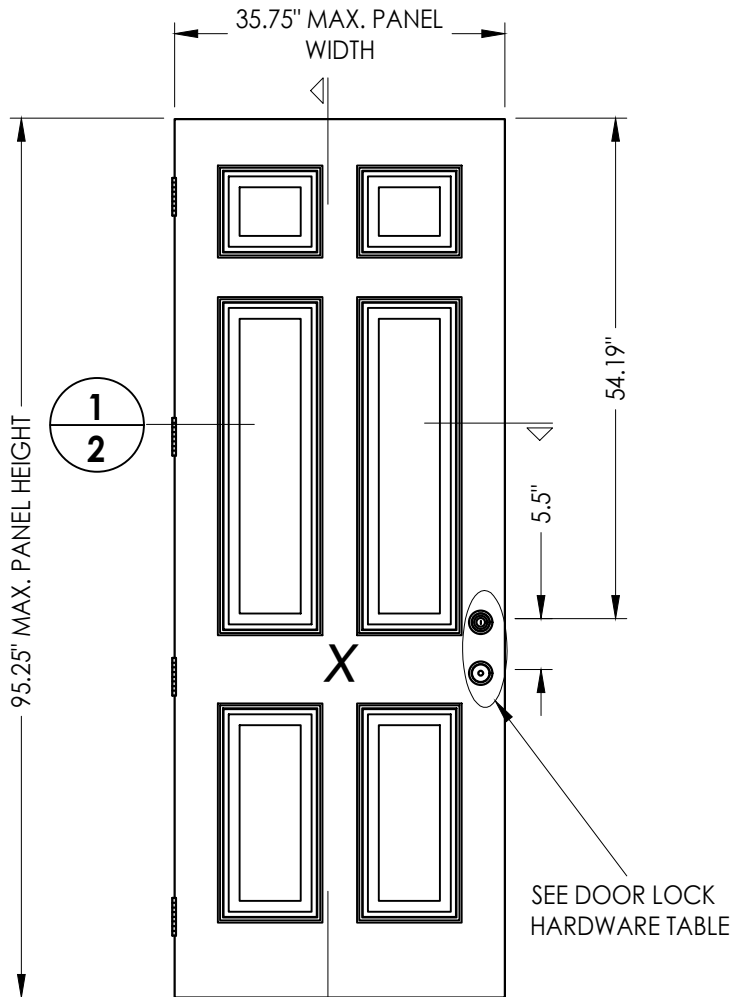
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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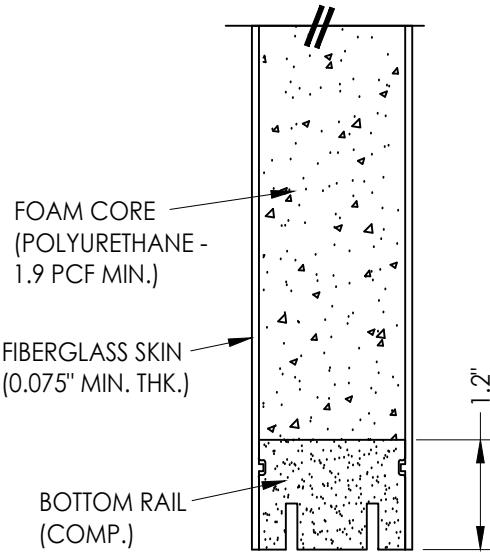
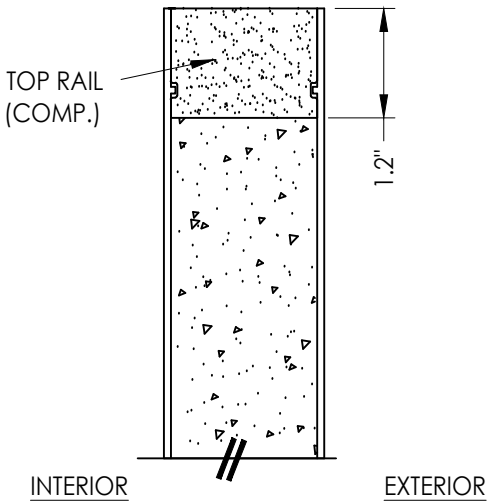


1
2 HORIZONTAL CROSS SECTION



40
2
2 DOOR PANEL
Plastpro
Fiberglass

DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)



2
2 VERTICAL CROSS SECTION

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PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

NO.	DATE	REVISIONS			
		DATE	BY	CHK.	APP.
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

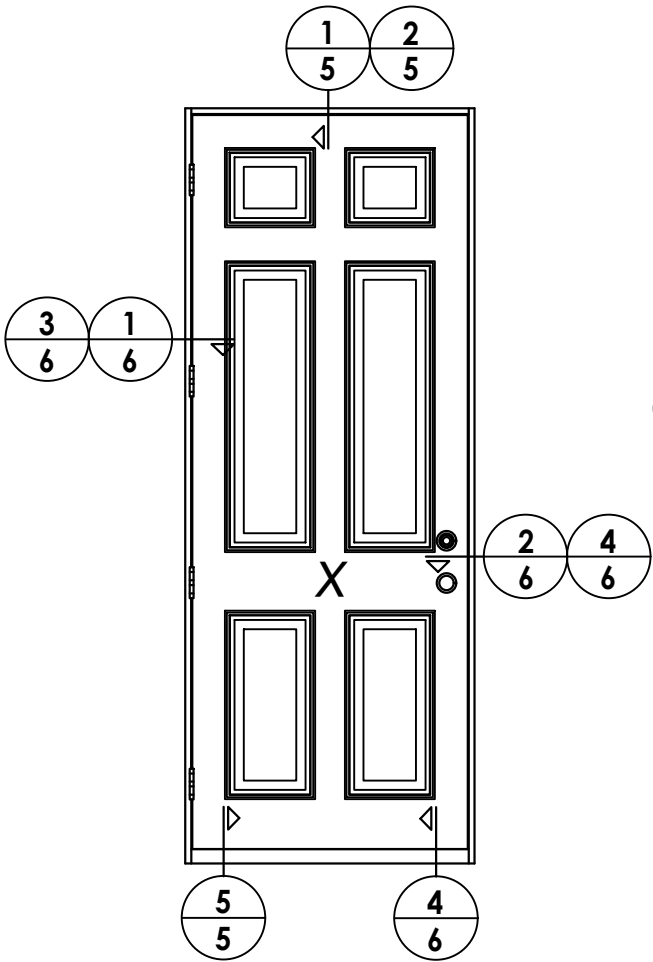
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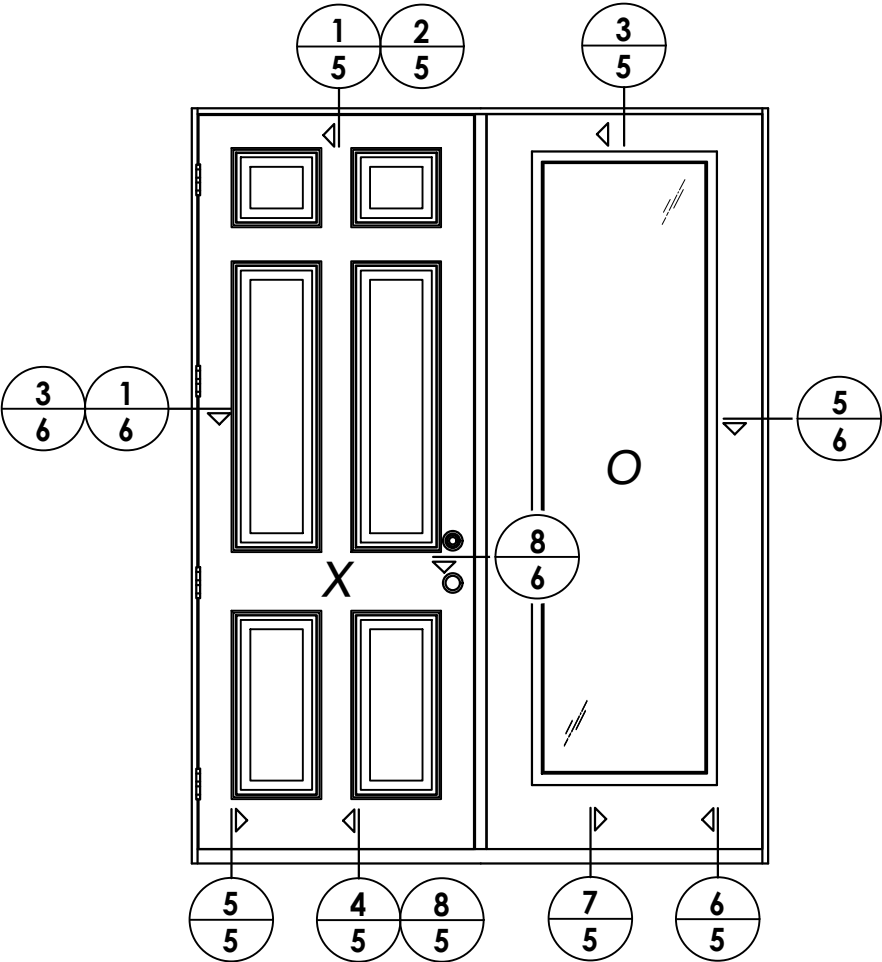
SHEET 2 OF 9

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 No. 9813									
PRODUCT: PLASTPRO FIBERGLASS DOOR										PART OR ASSEMBLY: SIDELITE PANEL & GLAZING DETAILS									

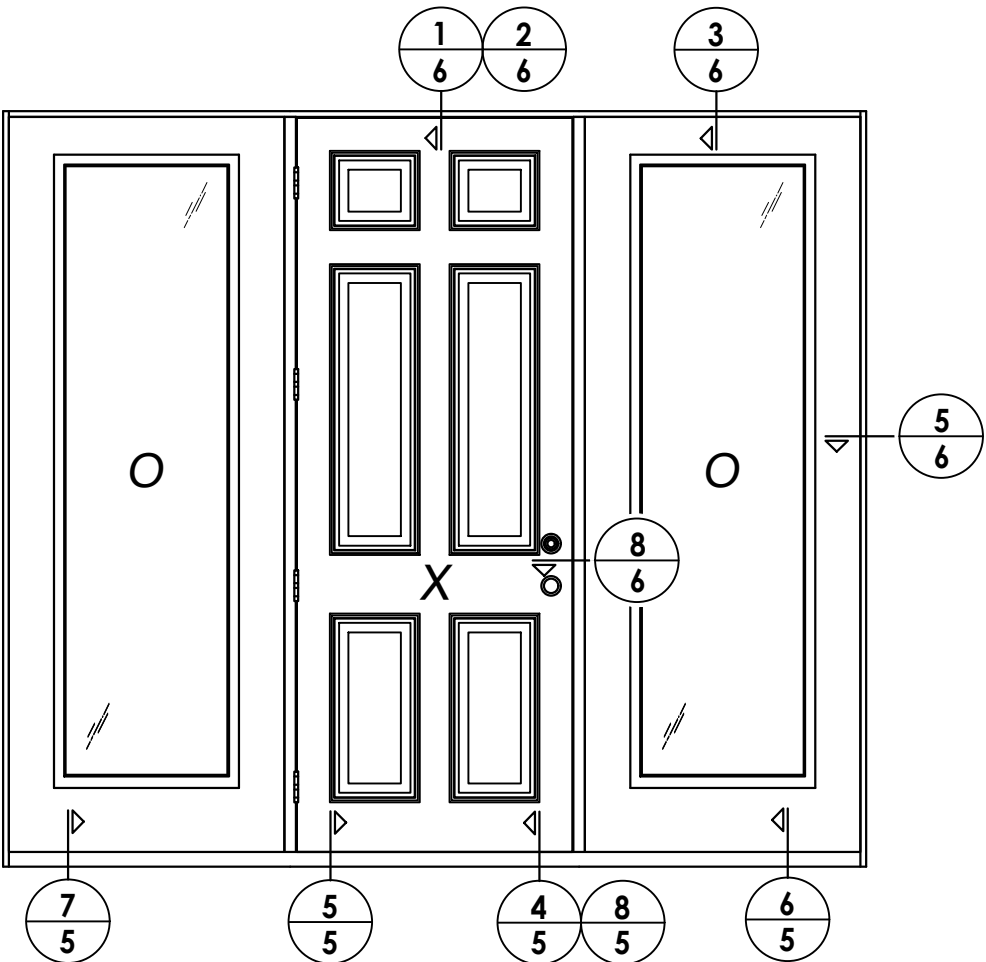
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ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OXO

NO.	DATE	REVISIONS		
		BY	JK	LFS
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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1	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14094.7

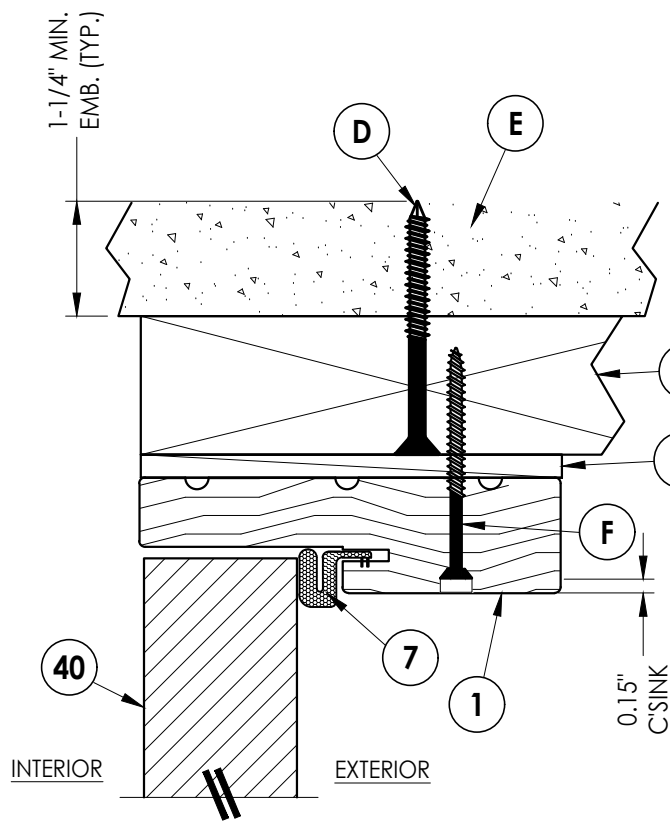
SHEET 4 OF 9

PRODUCT:	WINCORE FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

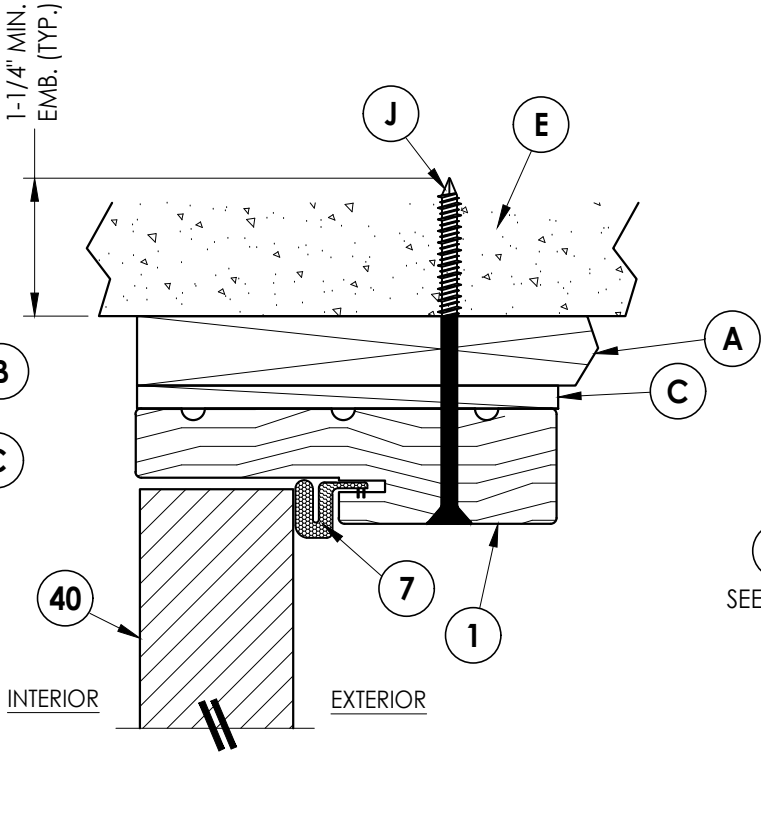
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Phone No.: 813.659.9197
FBPE Registry No. 9813

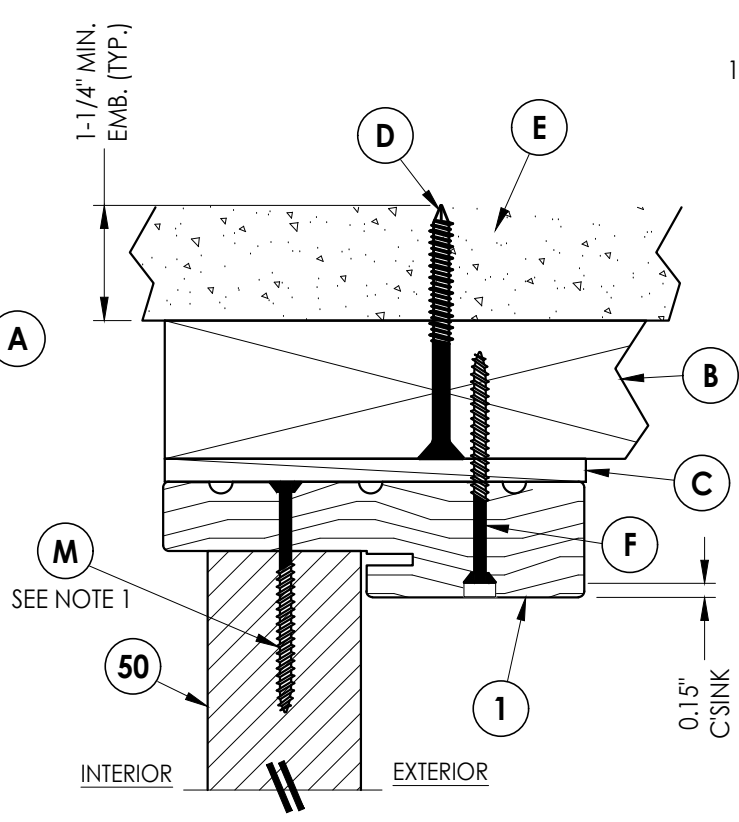
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1 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
2X Buck Construction

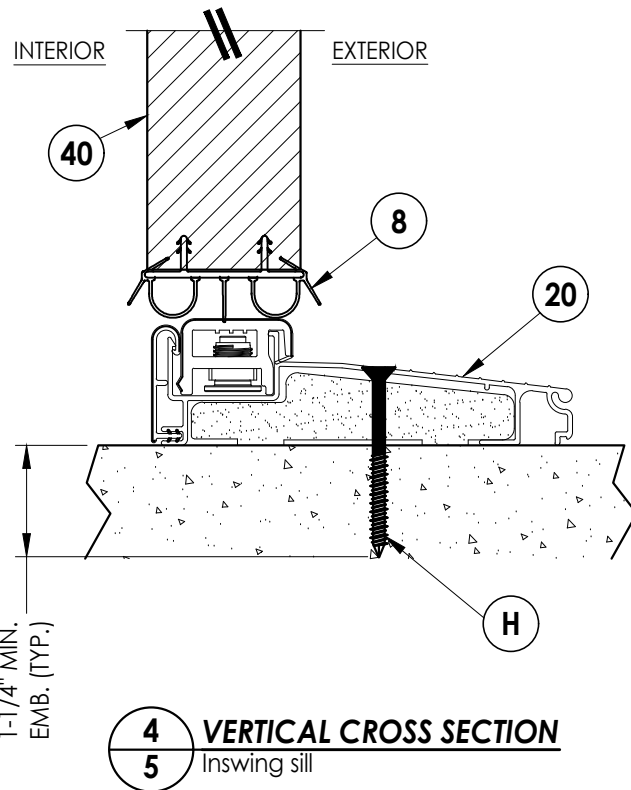


2 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
1X Buck Construction

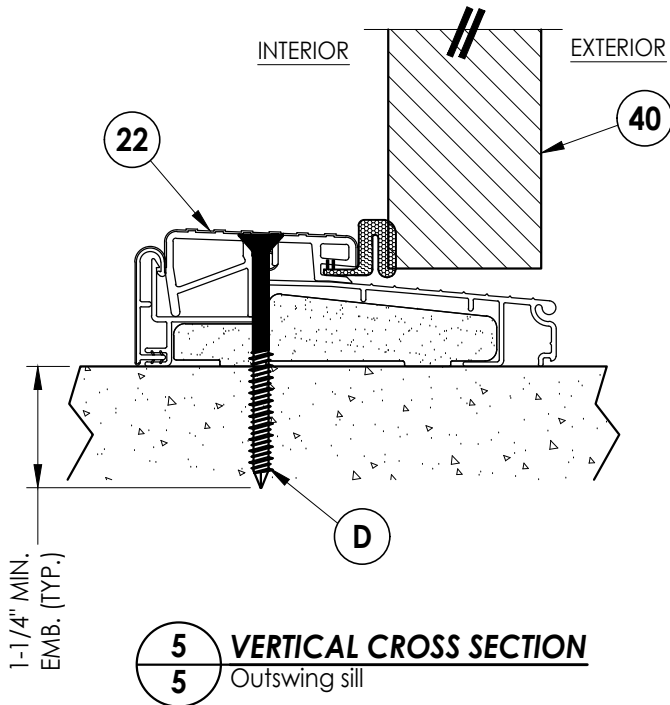


3 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
2X Buck Construction

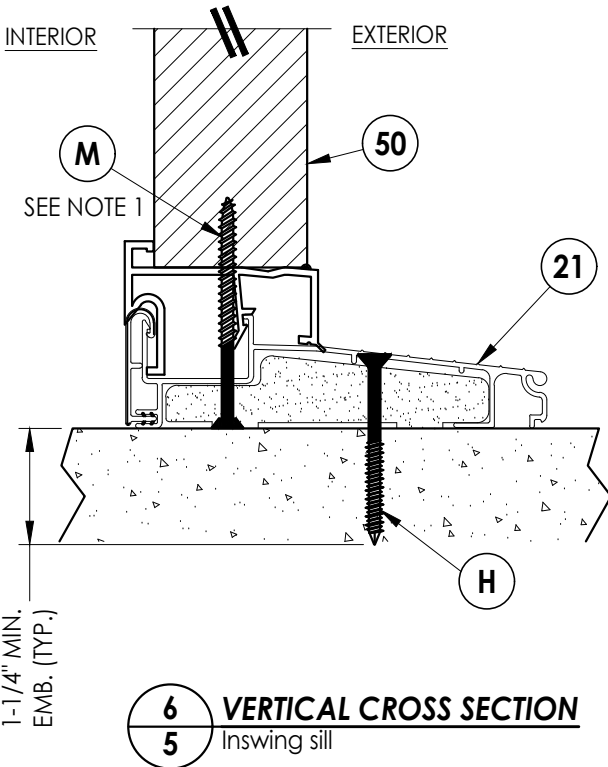
NOTE:
1. Spacing for sidelite screws (item M):
6" from each end (2 total).



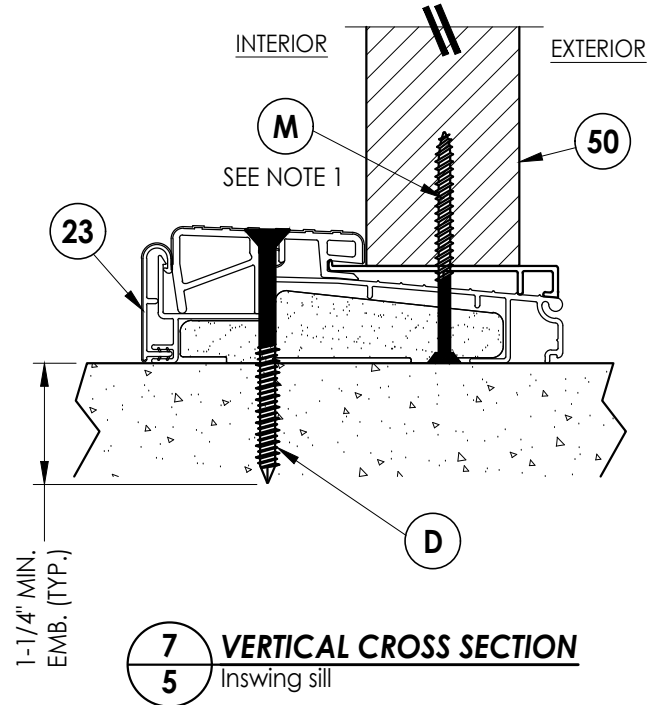
4 **VERTICAL CROSS SECTION**
5 Inswing sill



5 **VERTICAL CROSS SECTION**
5 Outswing sill



6 **VERTICAL CROSS SECTION**
5 Inswing sill



7 **VERTICAL CROSS SECTION**
5 Inswing sill

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FBPE Registry No. 9813

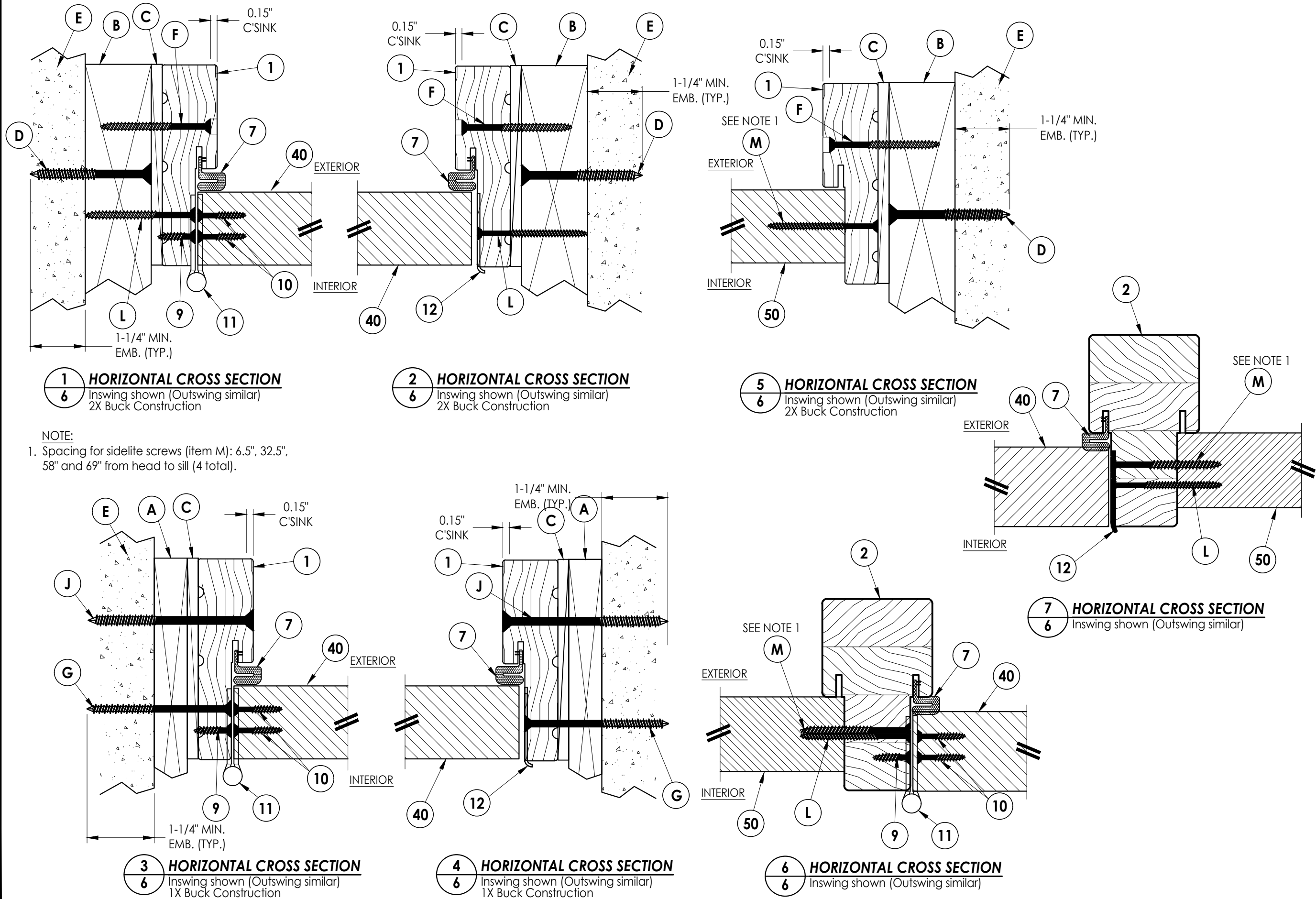
PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

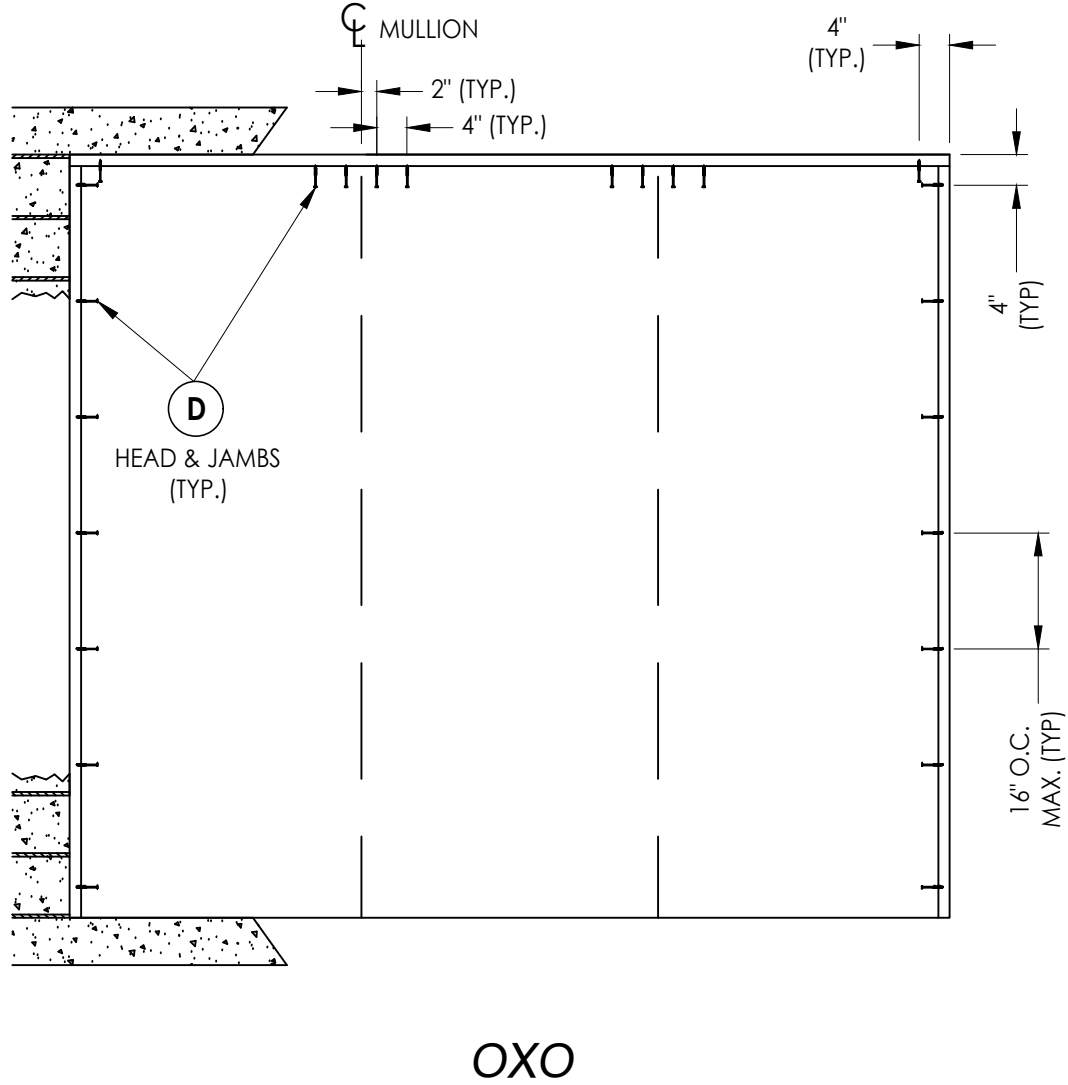
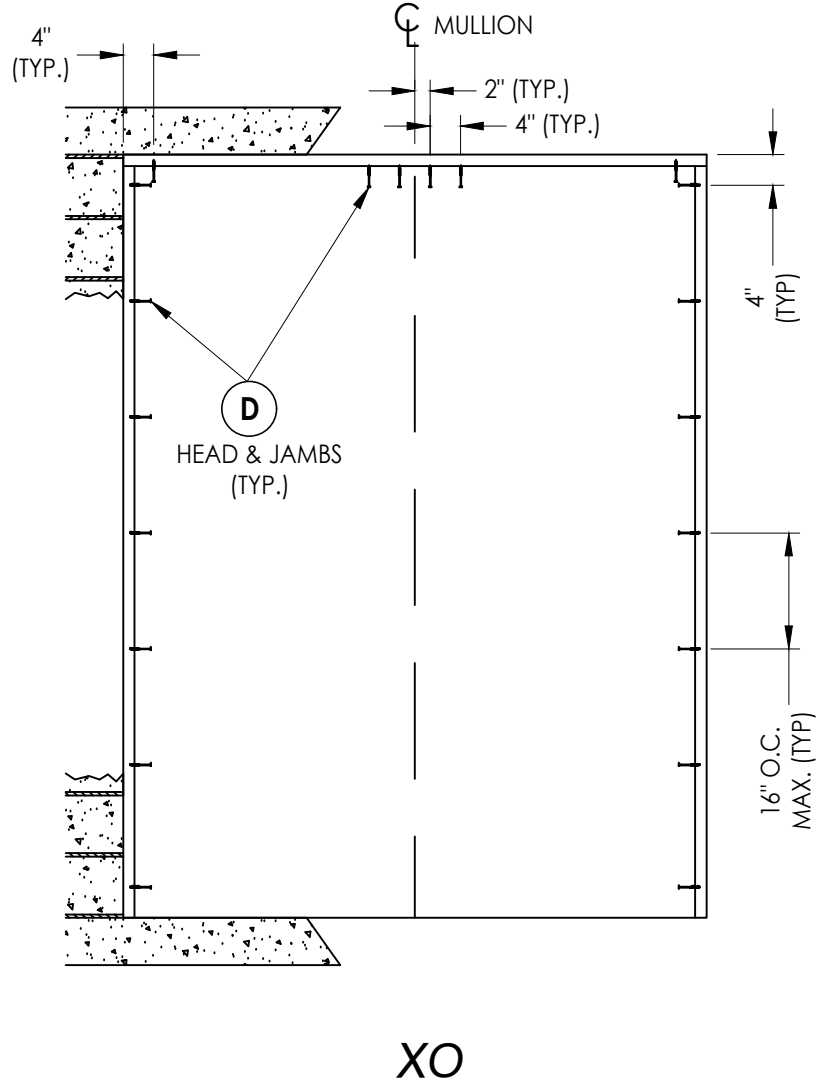
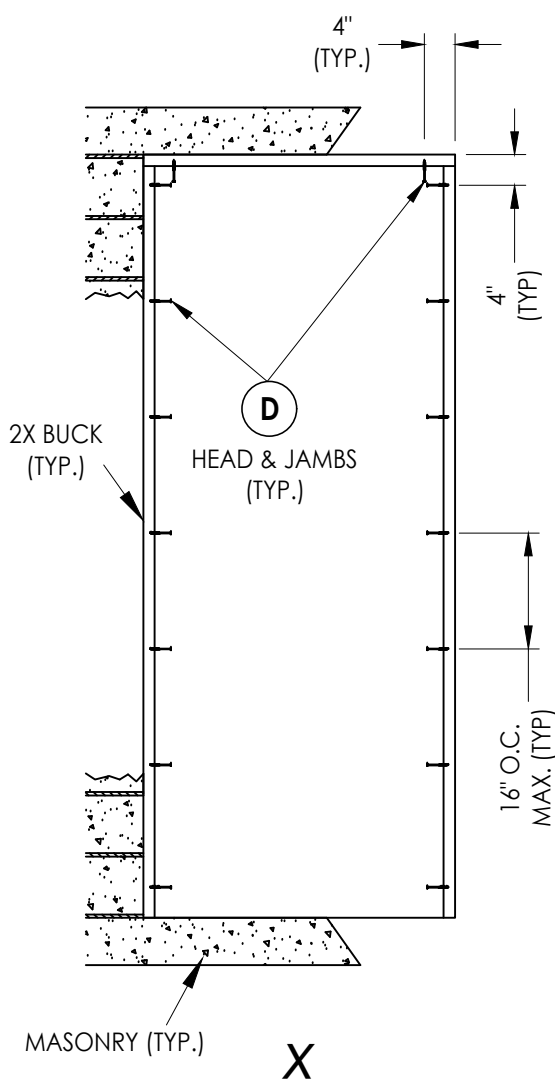
NO.	DATE	REVISIONS
3	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	8/2/17	UPDATE TO 6TH ED. (2017) FBC JK
		BY

DATE: 6/15/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14094.7
SHEET 5 OF 9

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PRODUCT: WINCORE FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	7/06/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	8/2/17	UPDATE TO 6TH ED. (2017)	FBC JK
NO.	DATE		BY
REVISIONS			
DATE: 6/15/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14094.7			
SHEET 6 OF 9			



2X BUCK ANCHORING

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14094.7

SHEET 7 OF 9

NO.		DATE	REVISIONS	
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.		DATE		BY

PRODUCT:
WINCORE
FIBERGLASS DOOR

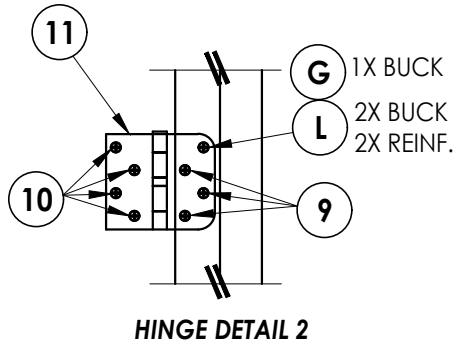
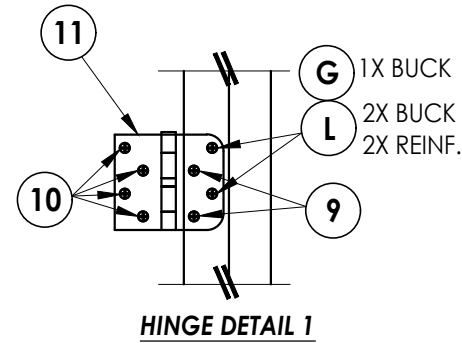
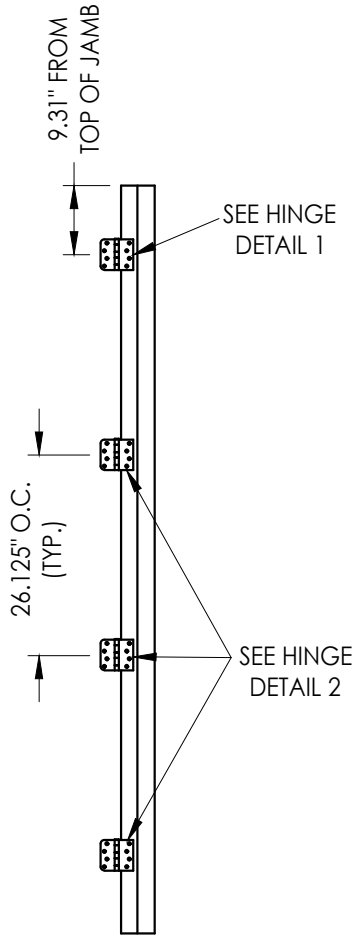
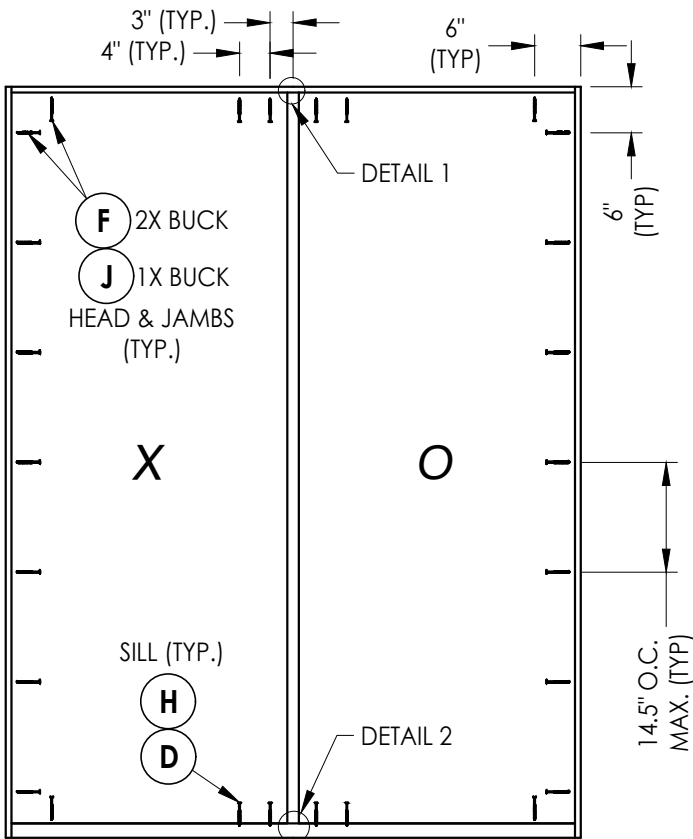
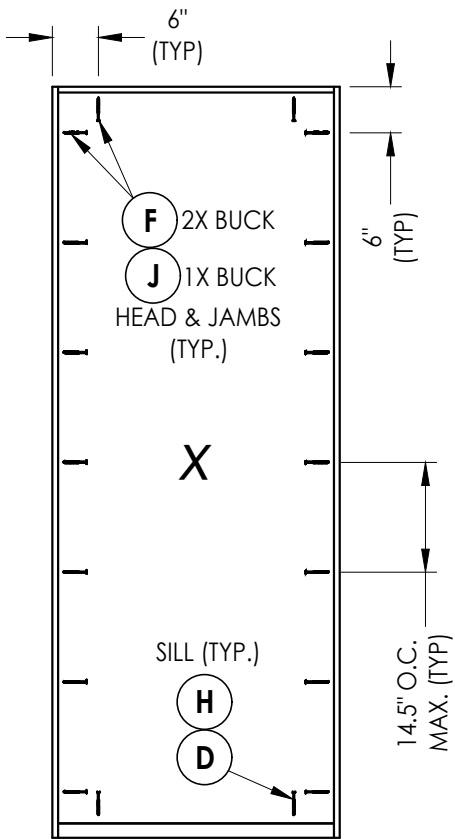
PART OR ASSEMBLY:
BUCK ANCHORING

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

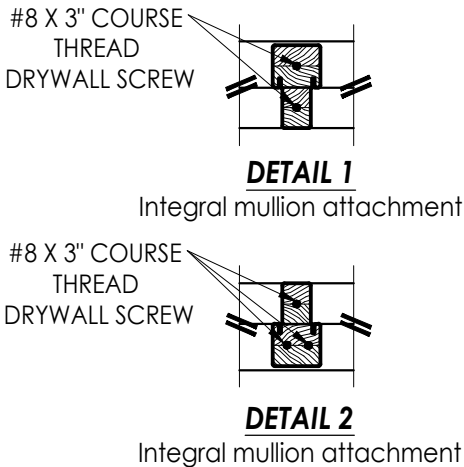
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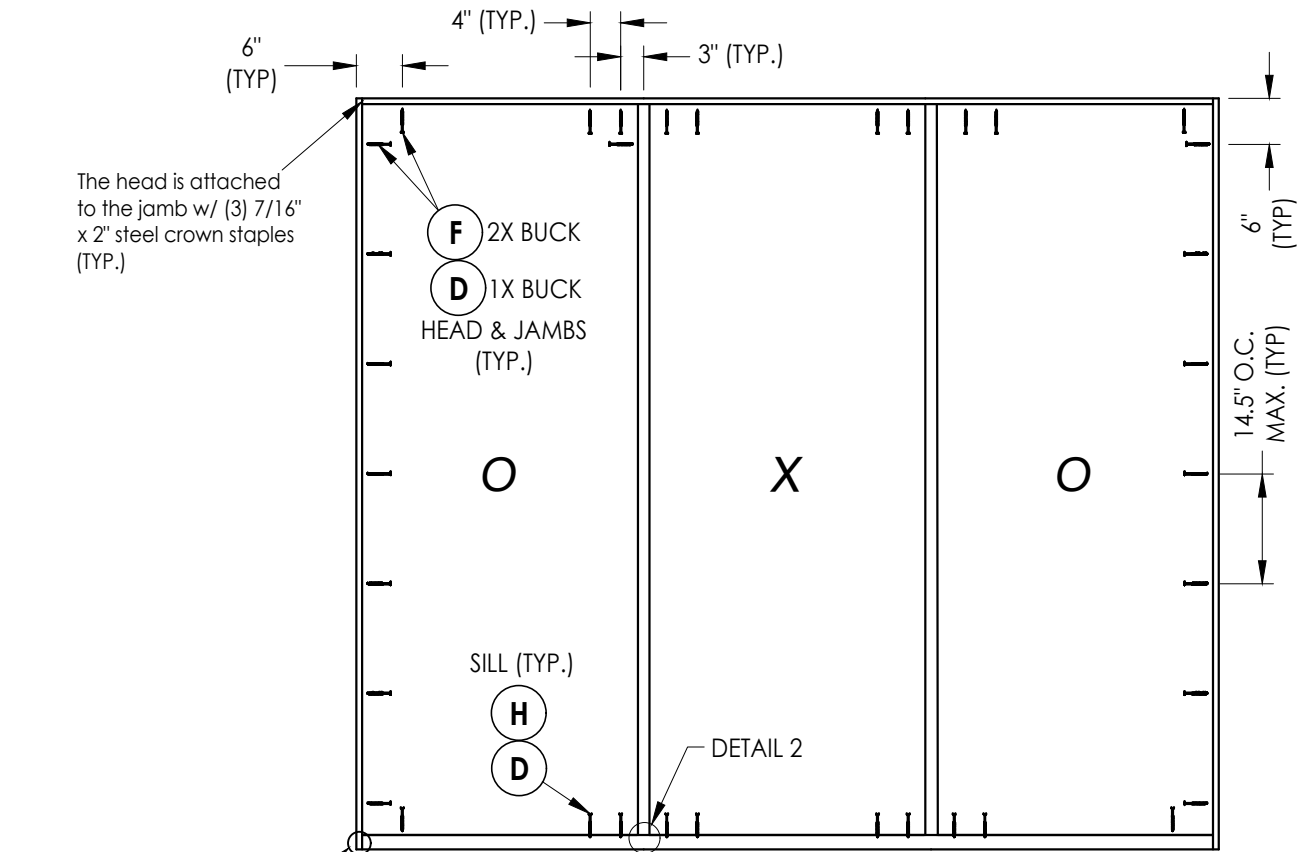
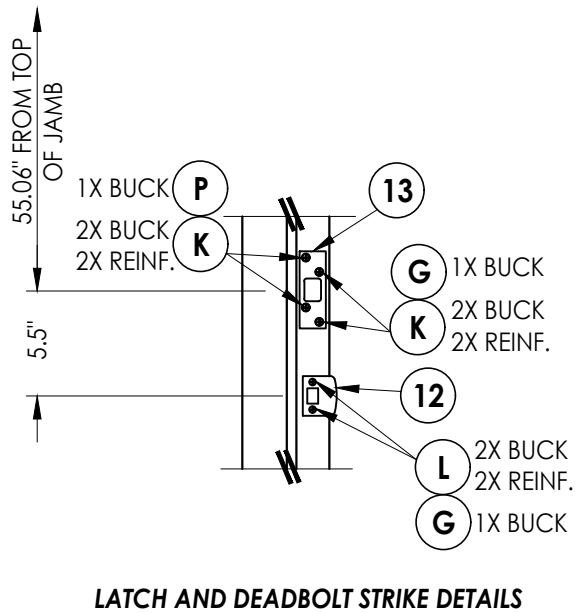
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HINGE JAMB



HARDWARE DETAILS



FRAME ANCHORING

The threshold is attached to the jamb w/ (3) 7/16" x 2" steel crown staples & (1) #8 x 1-5/8" wood screw (TYP.)

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

PRODUCT: WINCORE FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	REVISIONS
3	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	8/2/17	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 6/15/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-14094.7

SHEET 8 OF 9

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	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#8 X 3" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	#8 X 2-1/2" PFH COURSE THREAD DRYWALL SCREW	STEEL
P	#10 X 1-3/4" PFH WOOD SCREW	STEEL
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
2	INTEGRAL MULLION (ENDURA FATBOY - PINE, G >= 0.42)	WOOD
7	WEATHERSTRIP (ENDURA)	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	#8 X 3/4" PFH WOOD SCREW	STEEL
10	#8 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

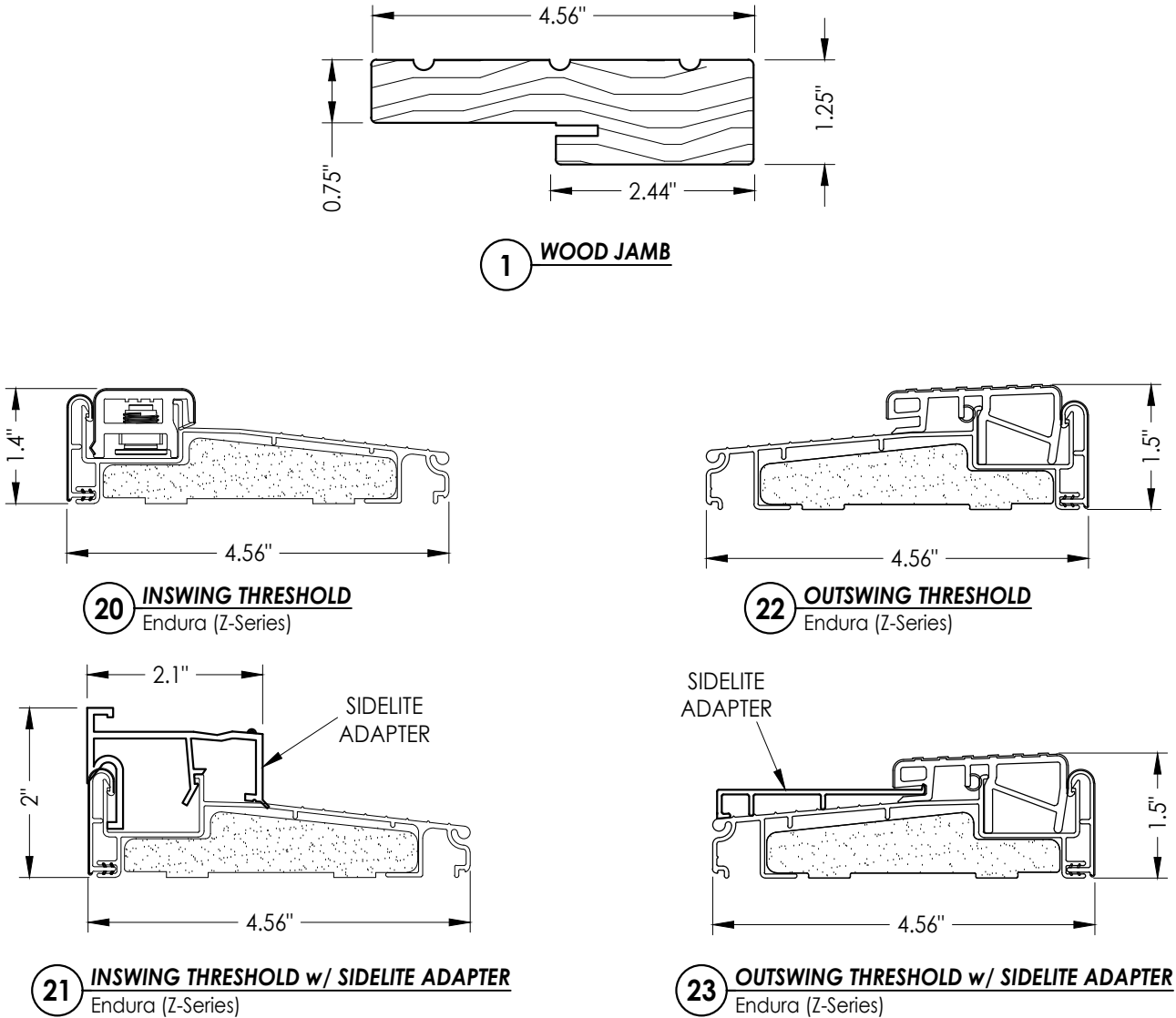
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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:

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



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BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813					
PRODUCT:					
WINCORE FIBERGLASS DOOR					
PART OR ASSEMBLY:					
BILL OF MATERIALS & COMPONENTS					
3	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/06/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
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SHEET 9 OF 9					