



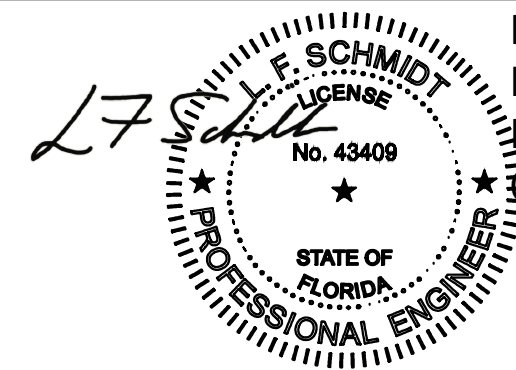
**GLAZED FIBERGLASS
SINGLE DOOR**

**IN SWING
"NON-IMPACT"**

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.

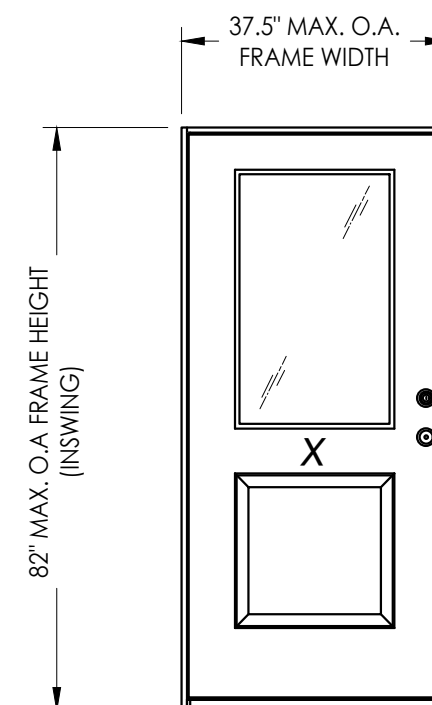
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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal & vertical cross sections (2x buck)
4	Horizontal & vertical cross sections (1x buck)
5	Horizontal & vertical cross sections (Direct to Masonry)
6	Vertical cross sections
7	Buck & frame anchoring
8	Bill of materials & Components



Digitally signed by
Lyndon F Schmidt
Date: 2026.09.15
07:33:12 -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
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must be verified on any electronic copies.

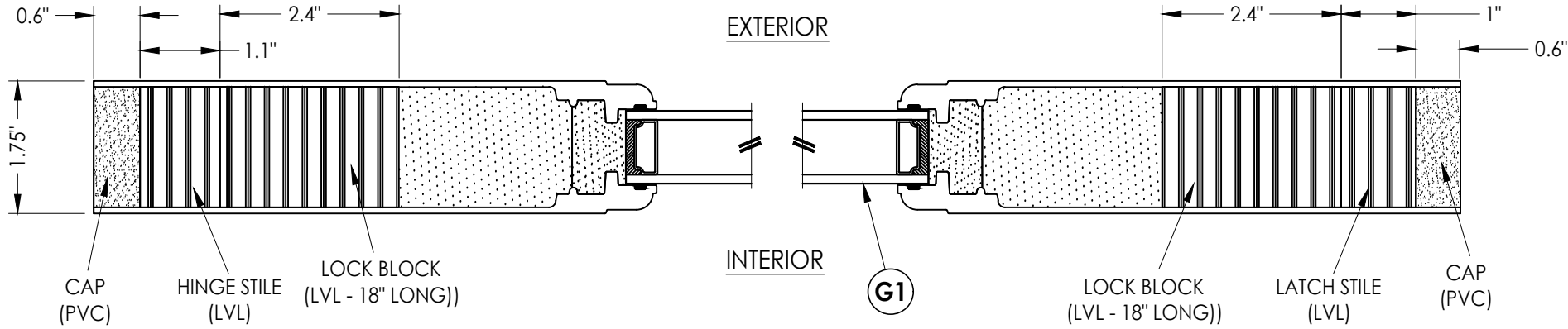
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



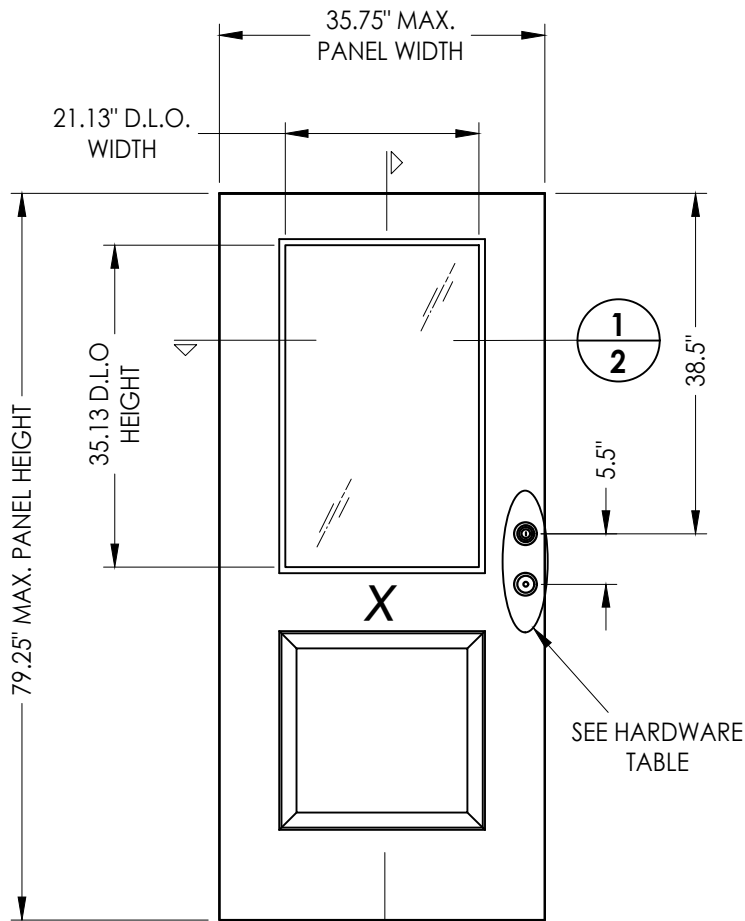
CONFIGURATION	DESIGN PRESSURE (PSF) IN SWING	
	POSITIVE	NEGATIVE
X	+55.0	-60.0

						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	
<u>PRODUCT:</u>						GLASSCRAFT DOOR CO.	
<u>PART OR ASSEMBLY:</u>						TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
						LFS	
						FBC	
						BY	
1	9/01/26	UPDATE TO 9TH ED. (2026)				FBC	LFS
NO.	DATE						
REVISIONS							
DATE: 2/10/25							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-39764.8							
SHEET	1	OF		7			

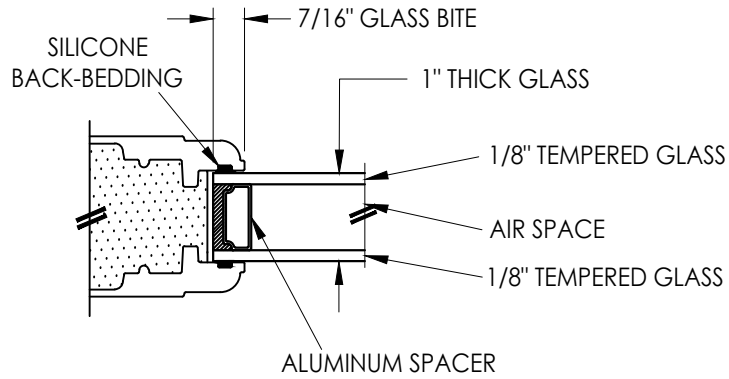
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1
2 HORIZONTAL CROSS SECTION

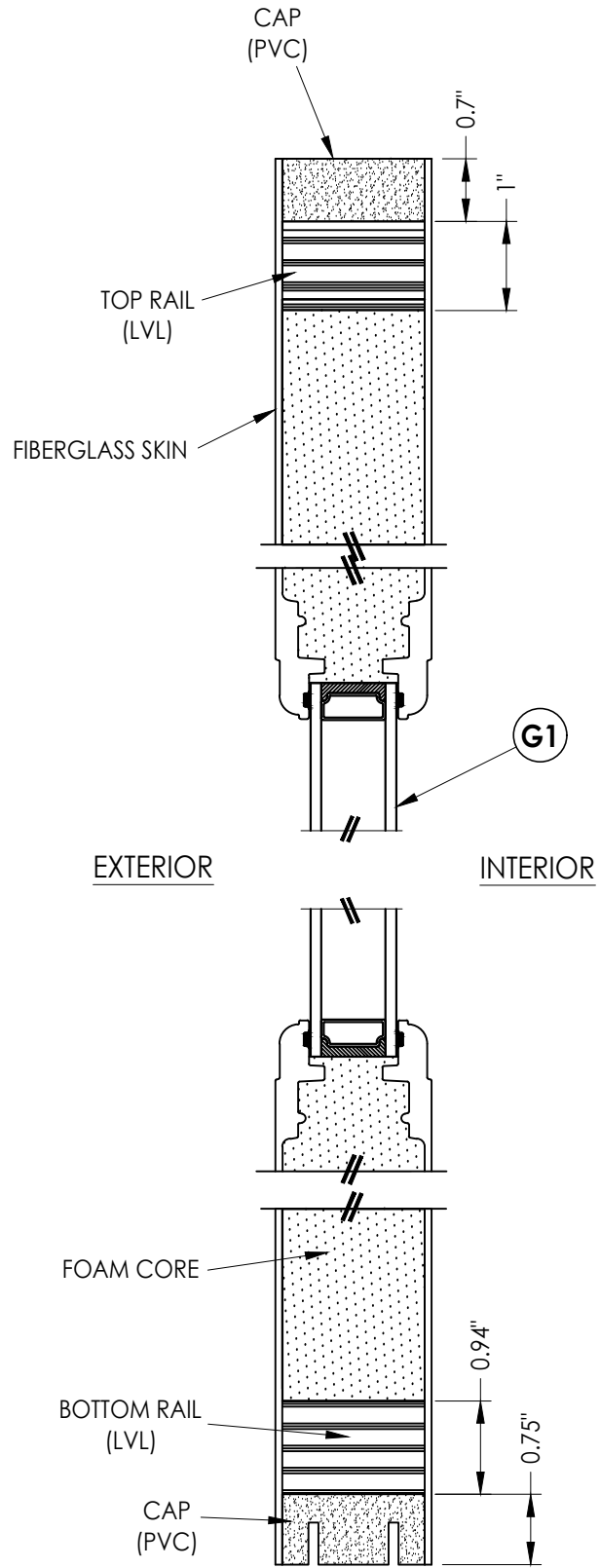


40 FIBERGLASS DOOR PANEL
GlassCraft



G1 GLAZING DETAIL
FLUSH GLAZING

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)



2
2 VERTICAL CROSS SECTION

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	REVISIONS	
		BY	DATE
1	9/01/26	LFS	UPDATE TO 9TH ED. (2026) FBC

DATE: 2/10/25

SCALE: N.T.S.

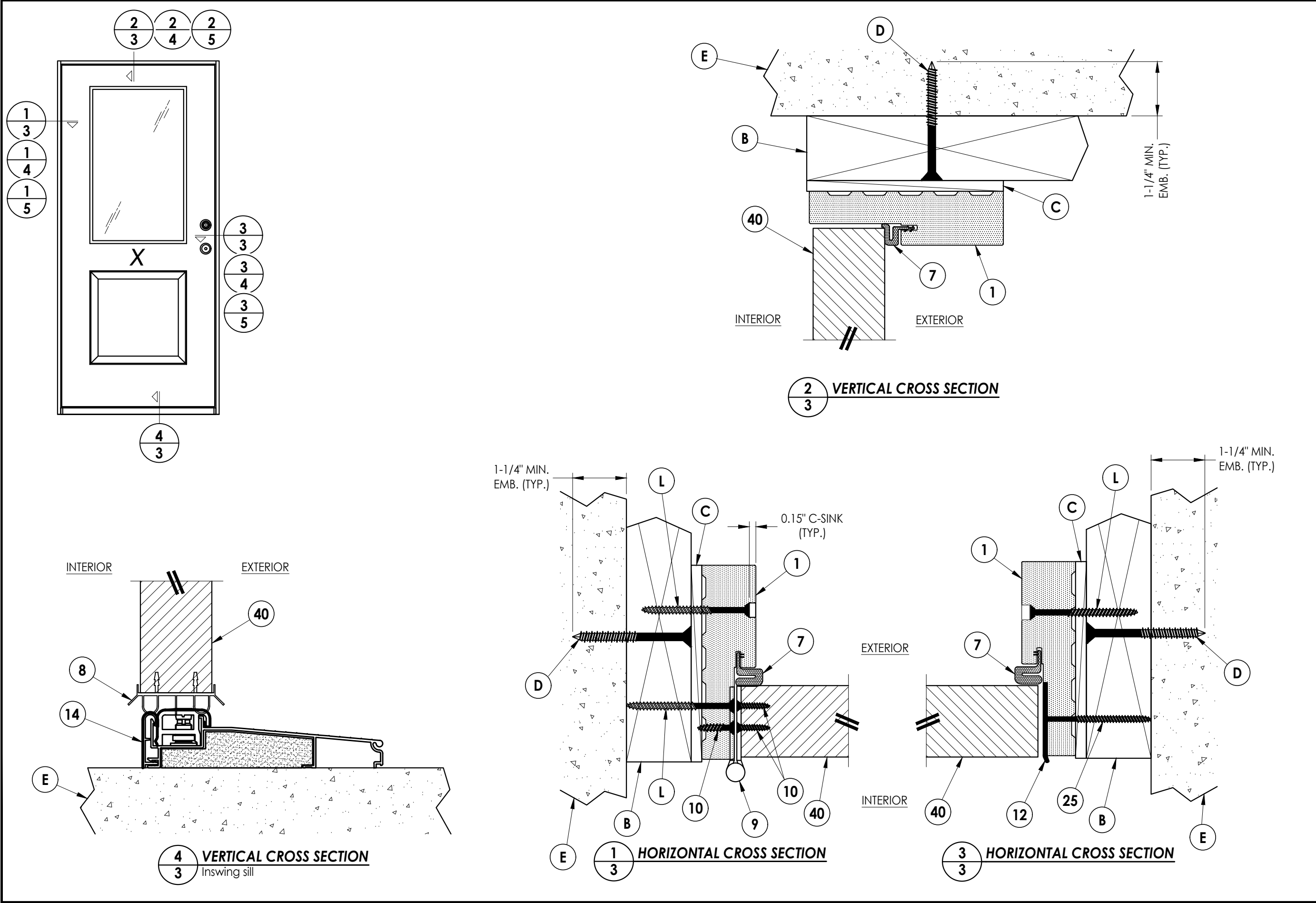
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SHEET 2 OF 7

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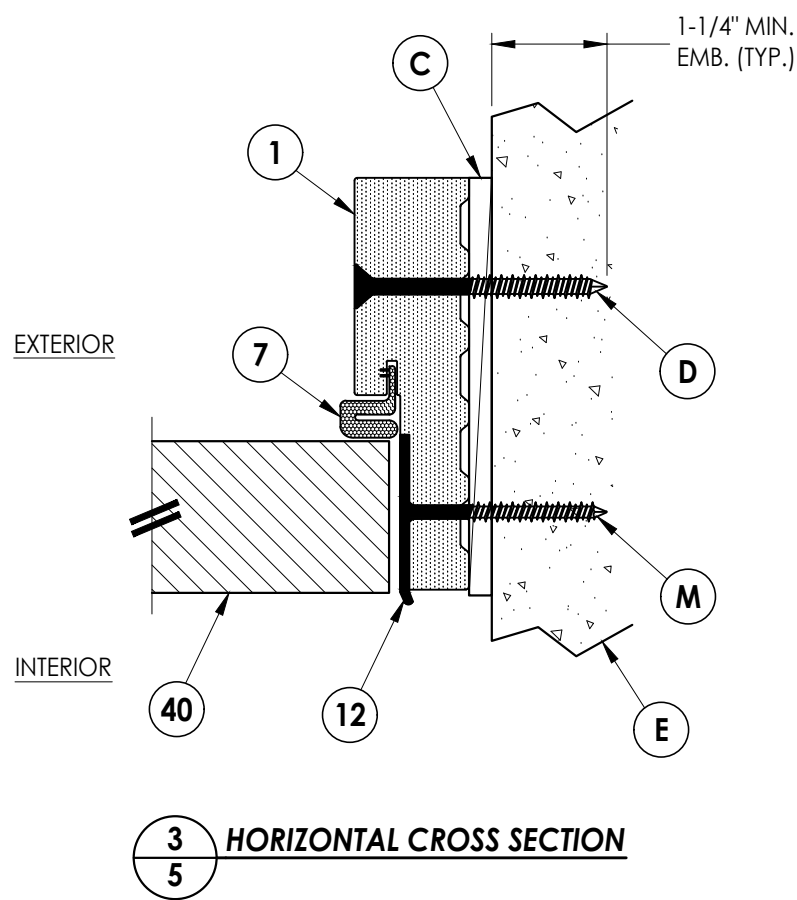
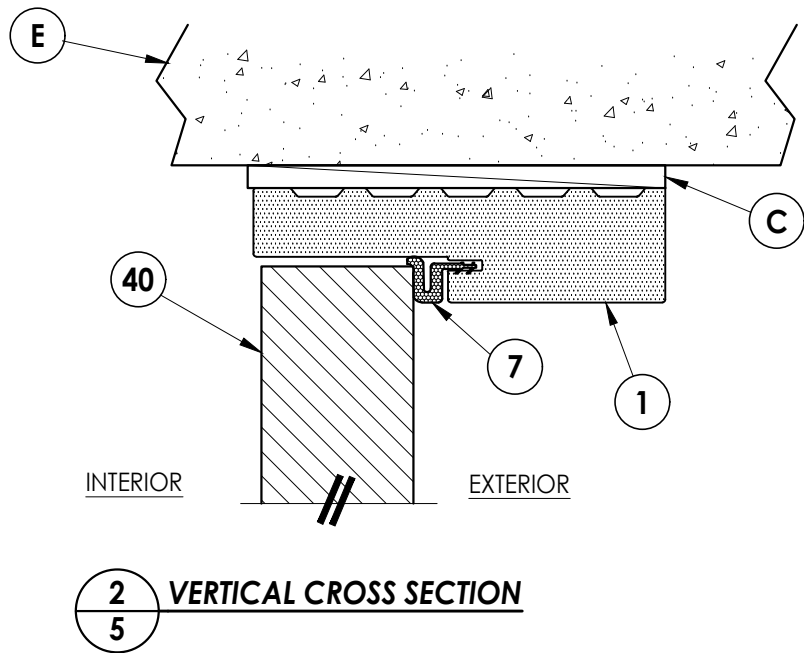
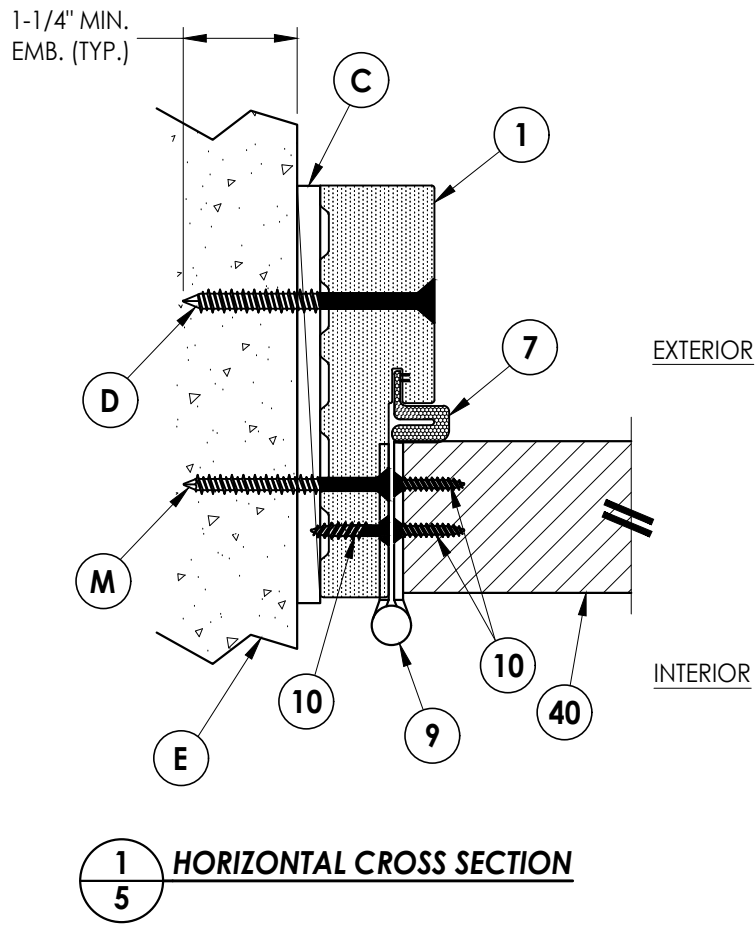
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PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS (2X BUCK)	
		LFS	BY
		1	9/07/26
		NO.	DATE
		REVISIONS	
DATE: 2/10/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-39764.8			
SHEET 3 OF 7			

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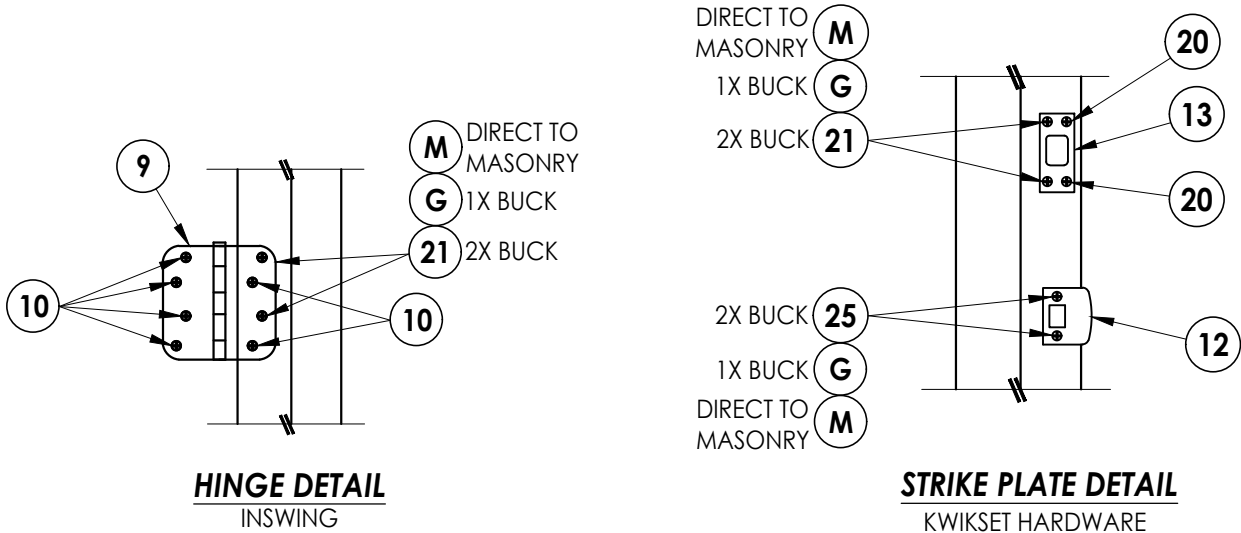
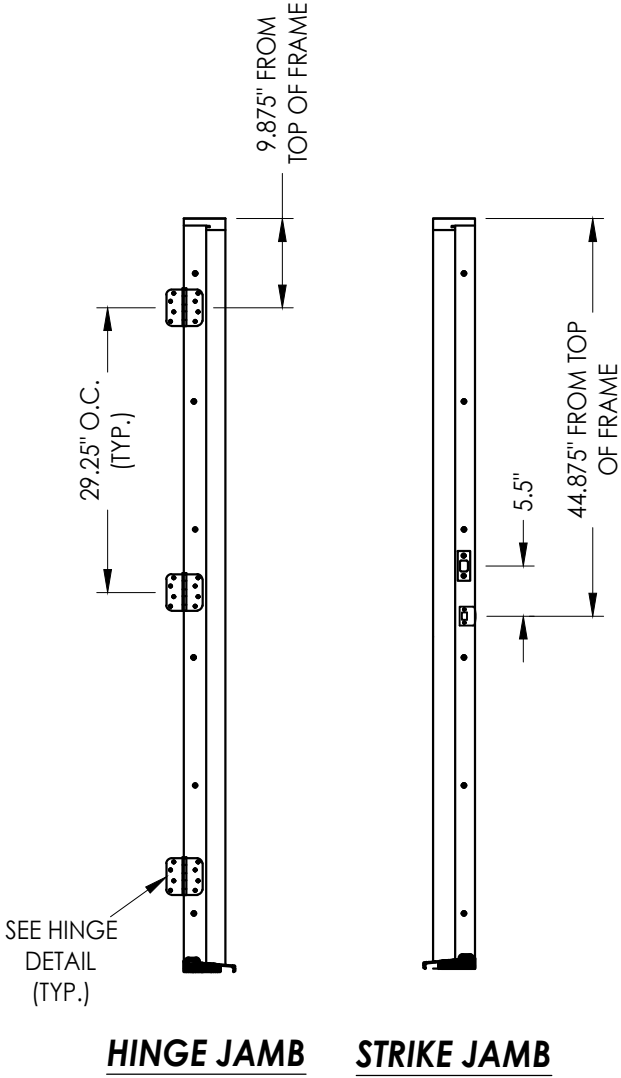
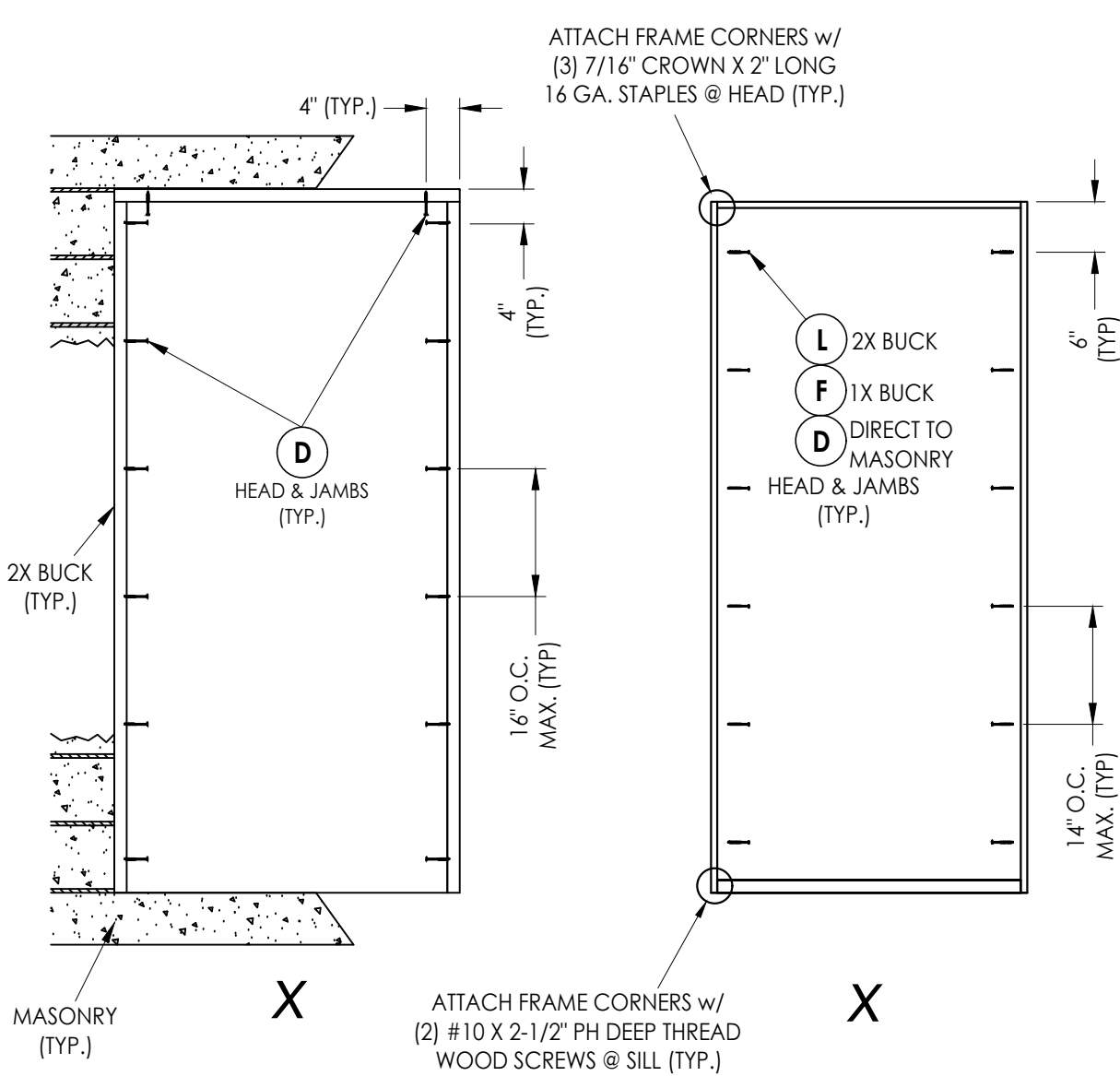
DATE: 2/10/25
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DWG. BY: LFS
CHK. BY: RW
DRAWING NO.:
FL-39764.8
SHEET 5 OF 7

REVISIONS	
NO.	DATE
1	9/01/26
	UPDATE TO 9TH ED. (2026) FBC
	LFS
	BY

PRODUCT:
GLASSCRAFT DOOR CO.
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

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HARDWARE DETAILS

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PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
		LFS	BY
		9/01/26	DATE
		UPDATE TO 9TH ED. (2026)	FBC
		REVISIONS	
DATE: 2/10/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-39764.8			
SHEET 6 OF 7			

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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
20	#8 X 1/2" PFH WOOD SCREW	STEEL
21	#12 X 2-1/2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

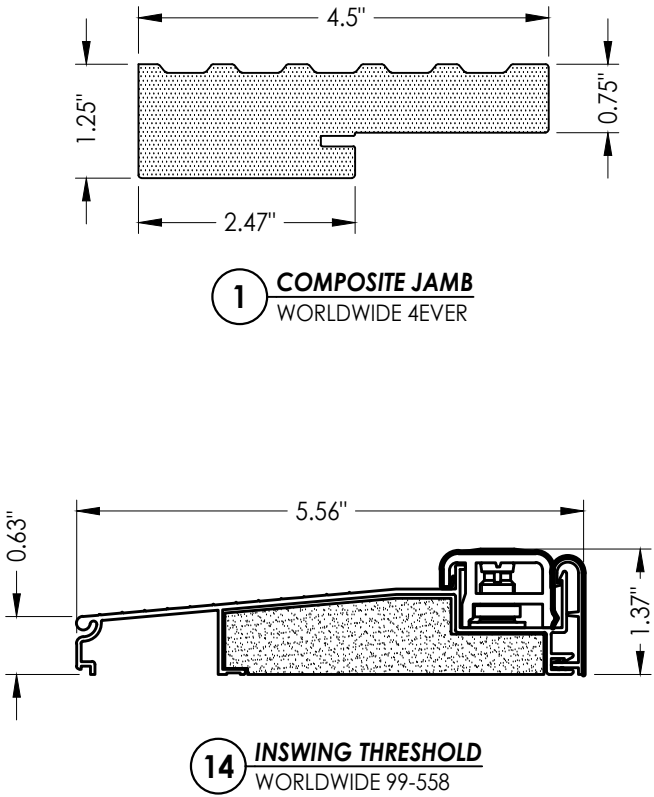
CONCRETE ANCHOR NOTES:

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"	AS SHOWN	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.

[illegible]

DATE: 2/10/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: *RW*

DRAWING NO.:

FL-39764.8

SHEET 7 OF 7

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