

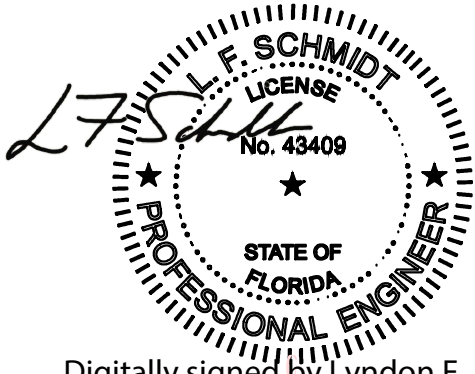
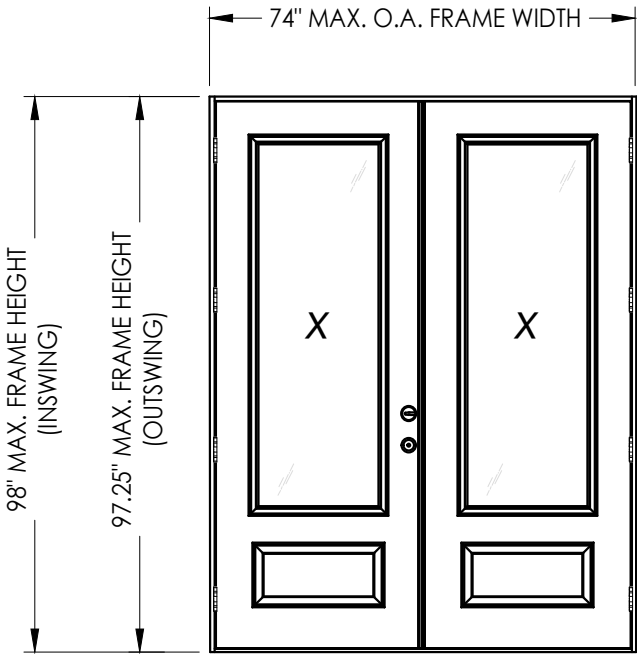


GLAZED FIBERGLASS
DOUBLE DOOR
w/ or w/out SIDELITES
INSWING / OUTSWING
"IMPACT"

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
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.

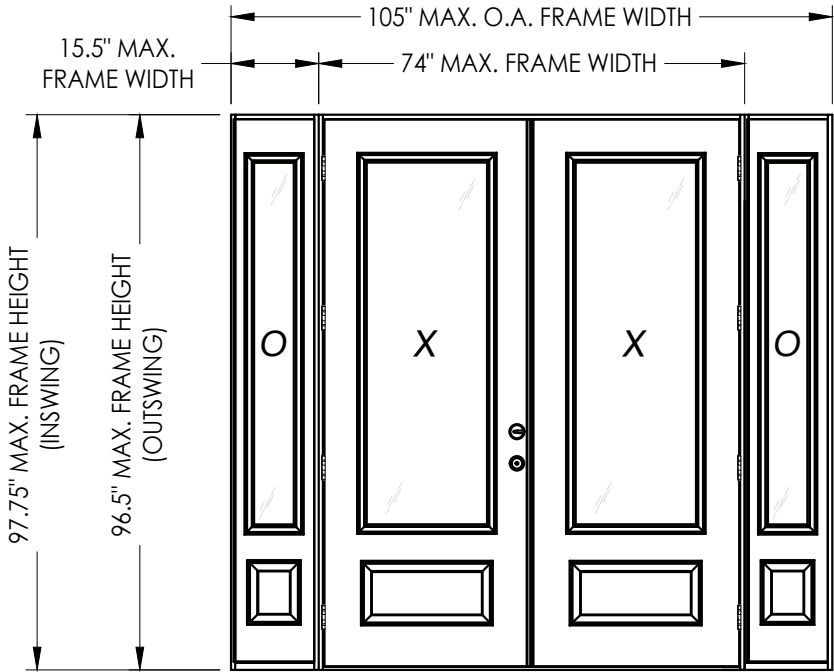
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
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2	Door Panel Details	9	Vertical Cross Sections
3	Sidelite Panel Details	10	Buck Anchoring
4	Elevations	11	Frame Anchoring
5	Horizontal & Vertical Cross Sections (2X Buck)	12	Lite Frame & Glazing Details
6	Horizontal & Vertical Cross Sections (1X Buck)	13	Bill of Materials & Components
7	Horizontal & Vertical Cross Sections (Dir. to Masonry)		



Digitally signed by Lyndon F Schmidt
Date: 2026.09.15 07:49:44 -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



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	+45.0	-50.0	+50.0	-50.0
OXXO	+45.0	-50.0	+50.0	-50.0

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

PRODUCT:
GLASSCRAFT DOOR CO.

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39764.4

SHEET 1 of 13

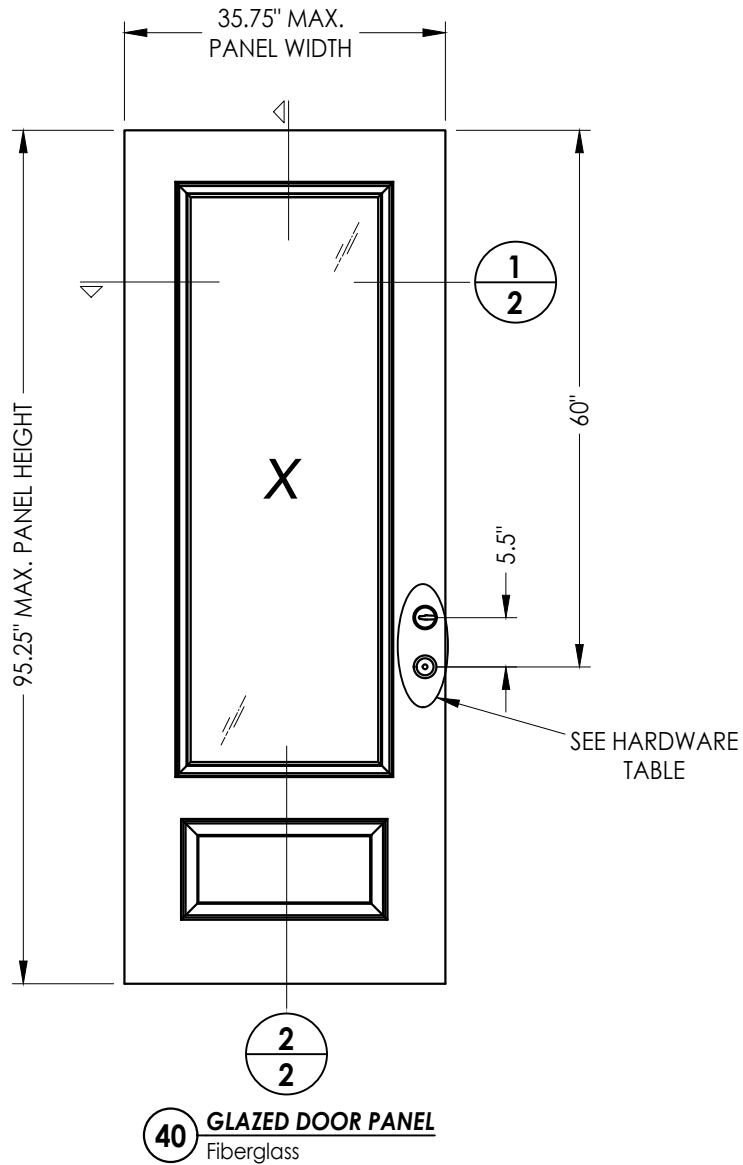
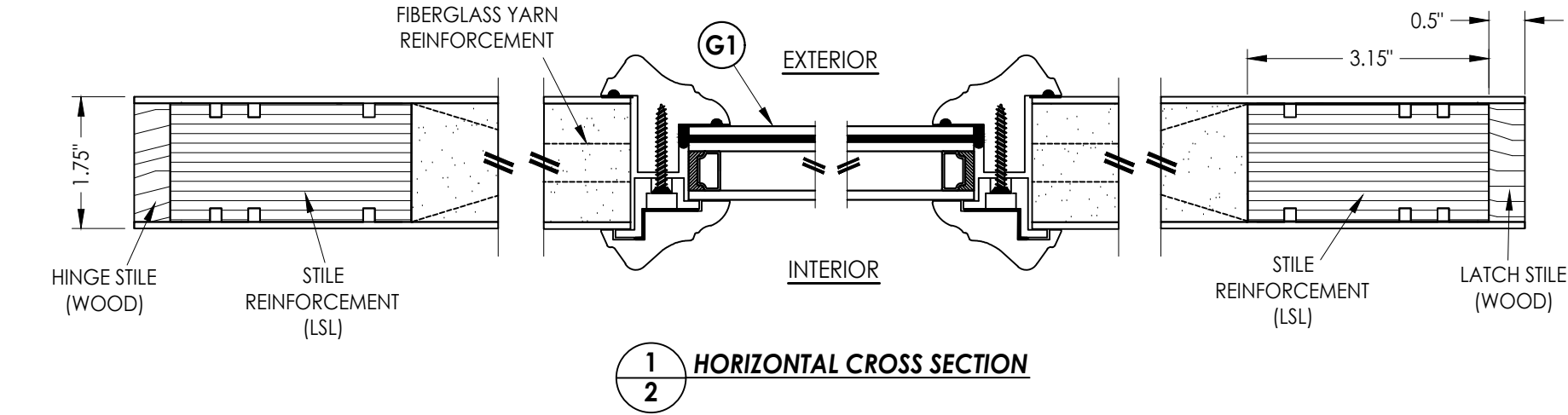
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Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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

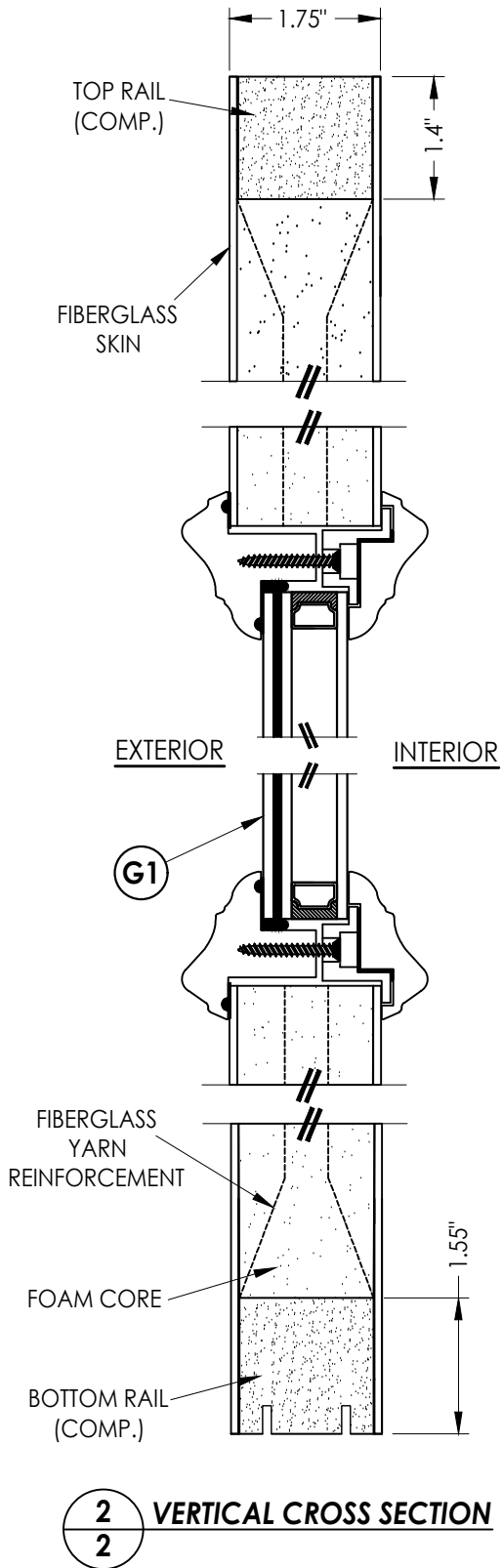
REVISIONS

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DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

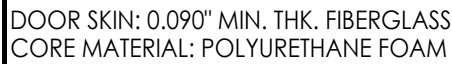
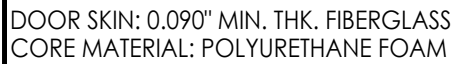
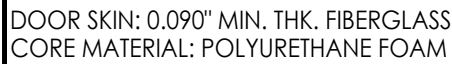
HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES
	DEADBOLT:	B60 SERIES



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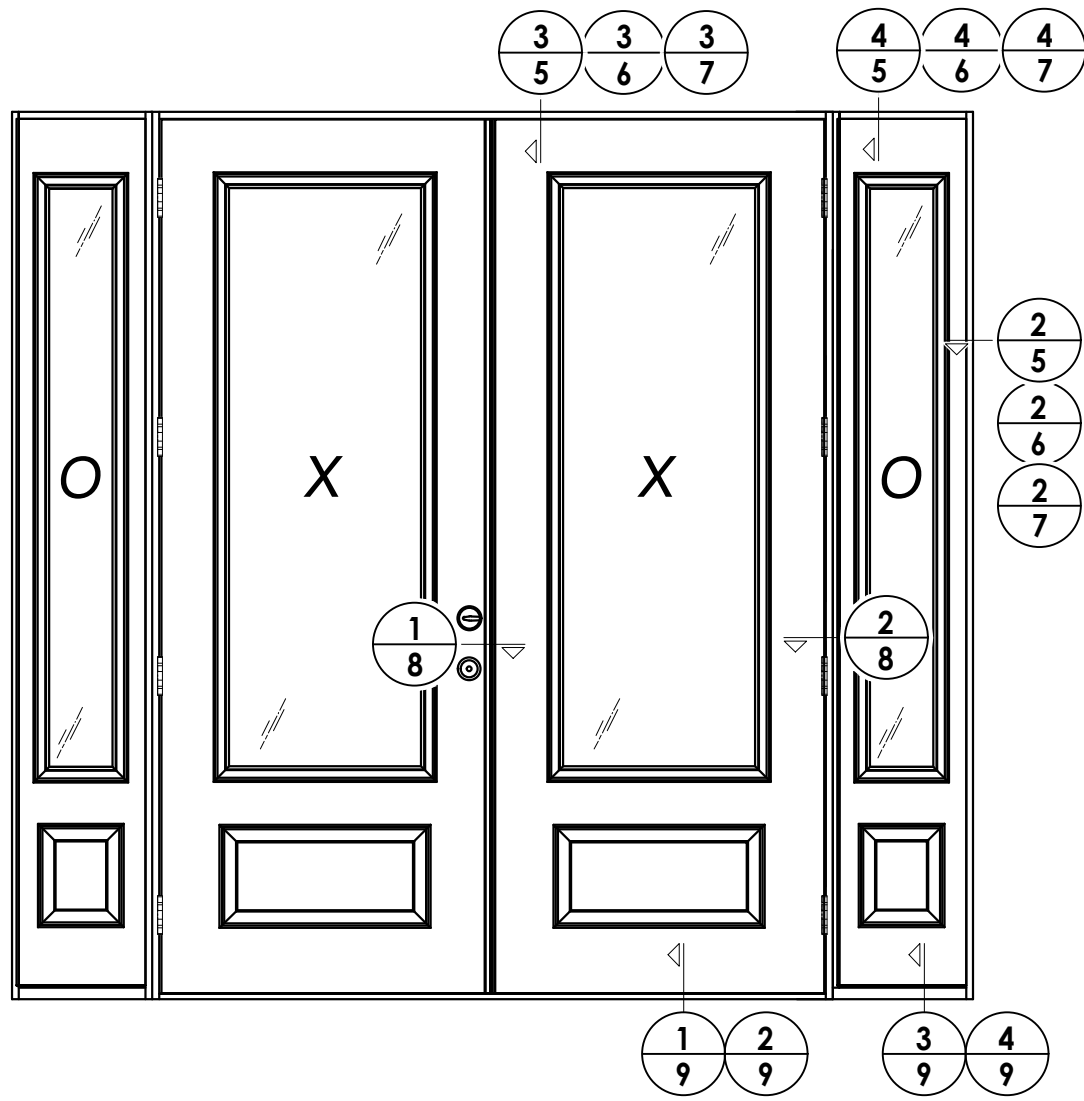
PRODUCT:		GLASSCRAFT DOOR CO.		PART OR ASSEMBLY:		DOOR PANEL DETAILS	
				LFS	FBC	LFS	BY
				2	9/01/26	UPDATE TO 9TH ED. (2026)	DATE
				1	10/9/23	UPDATE TO 8TH ED. (2023)	DATE
REVISIONS							
DATE: 8/25/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-39764.4							
SHEET 2 OF 13							



DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

[illegible]

DATE: 8/25/21

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: *LFS*

DRAWING NO.:

FL-39764.4

SHEET 4 OF 13

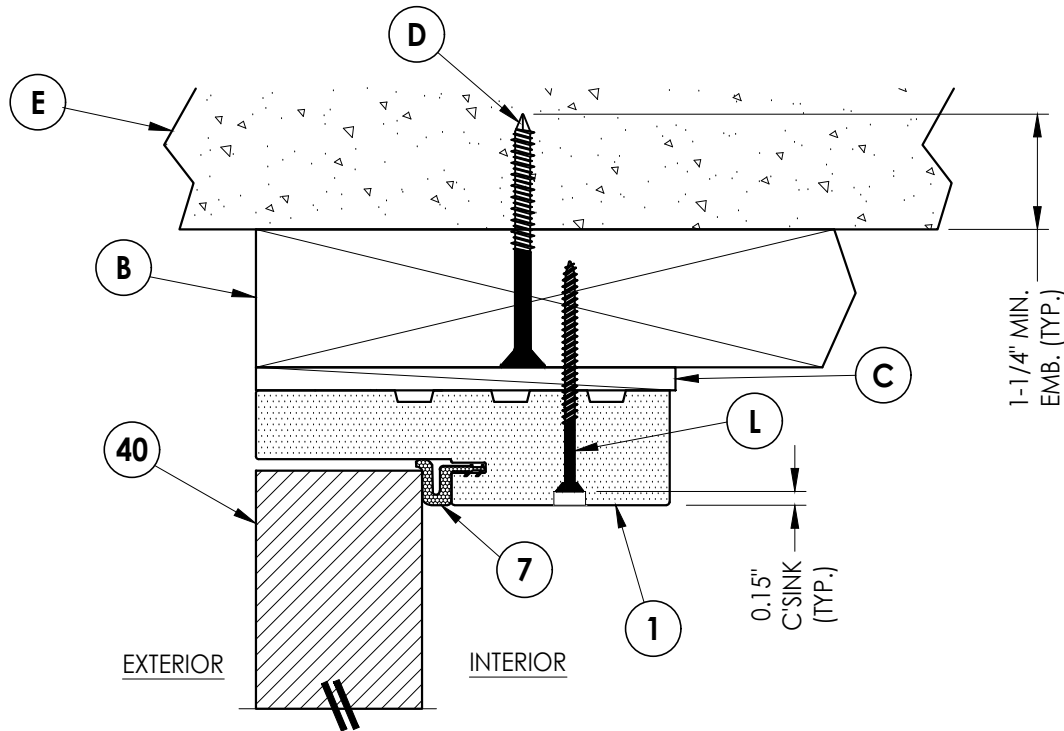
PRODUCT: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY:
ELEVATION:

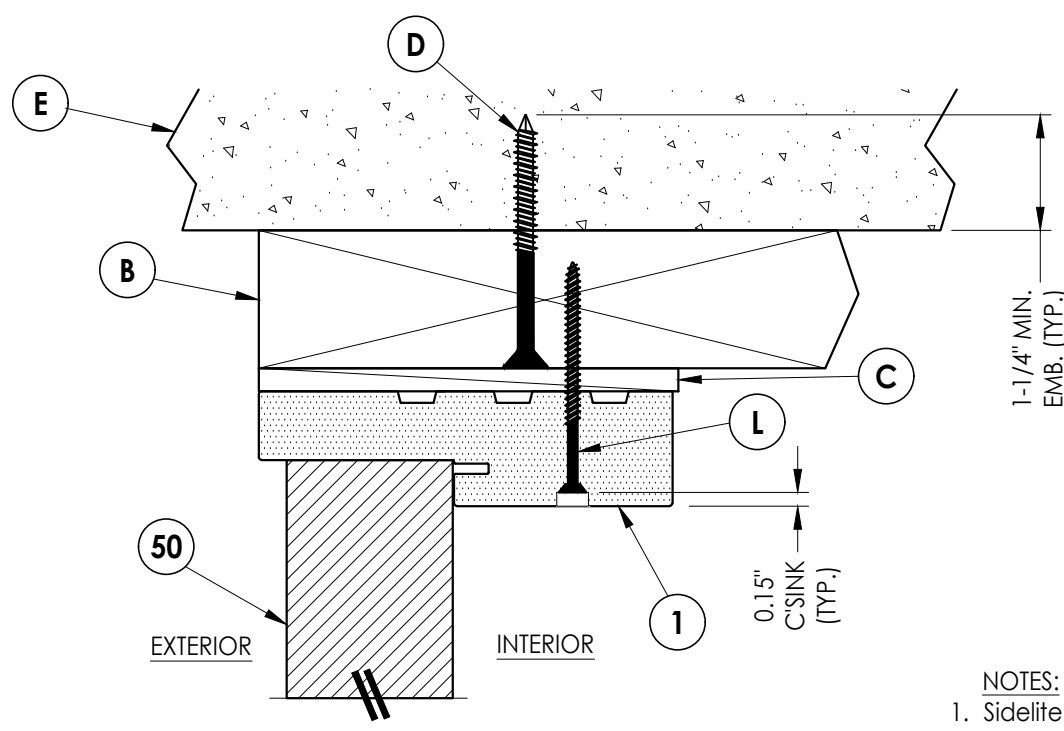
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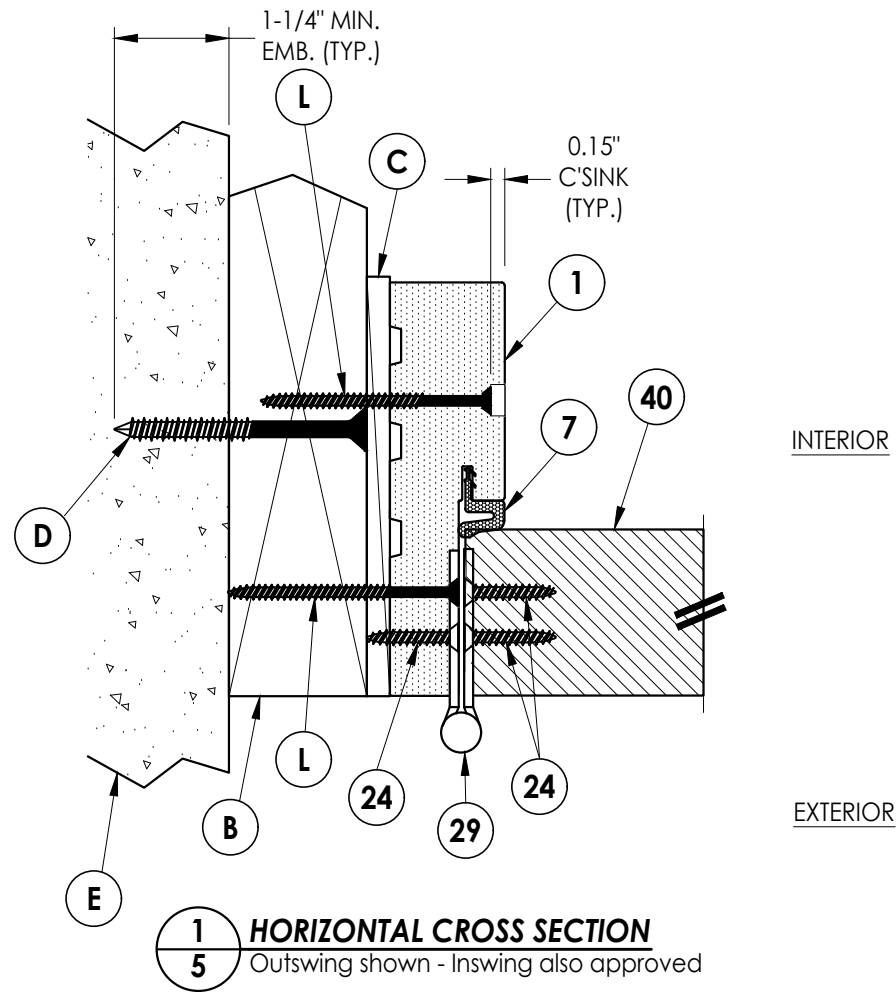


3 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

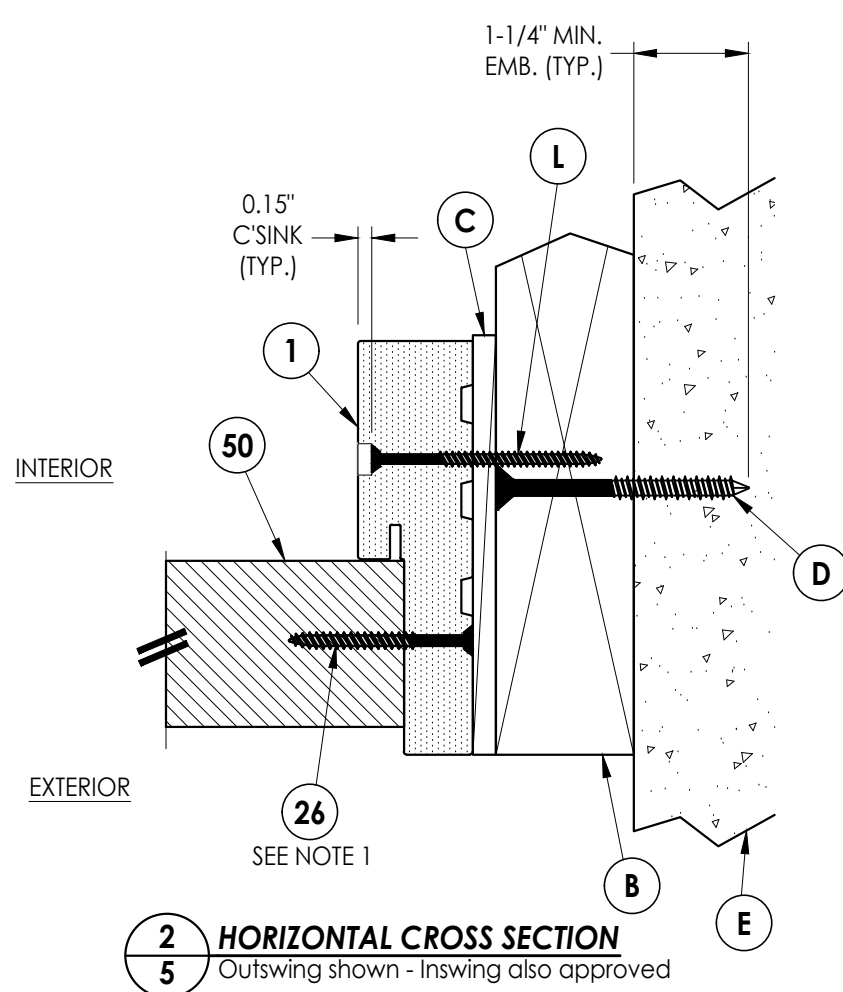


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

NOTES:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



1 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved



2 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved

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PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
		LFS	BY
		FBC	
2	9/01/26	UPDATE TO 9TH ED. (2026)	
1	10/9/23	UPDATE TO 8TH ED. (2023)	
NO.	DATE		
REVISIONS			
DATE: 8/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39764.4			
SHEET 5 OF 13			

A detailed cross-section diagram of a parapet wall assembly. The diagram is divided into two main sections: 'EXTERIOR' on the left and 'INTERIOR' on the right. The exterior side shows a sloped concrete surface (labeled 'E') with aggregate, a horizontal concrete layer (labeled 'A'), and a vertical concrete core (labeled '50'). The interior side shows a horizontal concrete layer (labeled 'C') with a vertical reinforcement bar (labeled 'F') passing through it, and a vertical concrete core (labeled '1'). A dimension line on the right indicates a minimum thickness of '1-1/4" MIN. EMB. (TYP.)' for the exterior concrete. The diagram uses various hatching patterns to represent different materials: diagonal lines for concrete, stippling for insulation, and a solid black area for the core.

[illegible]

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A detailed cross-section diagram of a parapet wall. The wall is shown in two parts: an exterior face on the left and an interior face on the right. The exterior face is labeled 'E' and shows a concrete surface with aggregate. The interior face is labeled 'I' and shows a concrete surface with aggregate. A central vertical section is labeled 'C' and shows a concrete core with aggregate. A horizontal section is labeled 'D' and shows a concrete surface with aggregate. A vertical section is labeled '50' and shows a concrete core with aggregate. A horizontal section is labeled '1' and shows a concrete surface with aggregate. A vertical dimension line on the right indicates a minimum embedment depth of 1-1/4" MIN. EMB. (TYP.).

1-1/4" MIN.
EMB. (TYP.)

1

50

26

C

D

E

INTERIOR

EXTERIOR

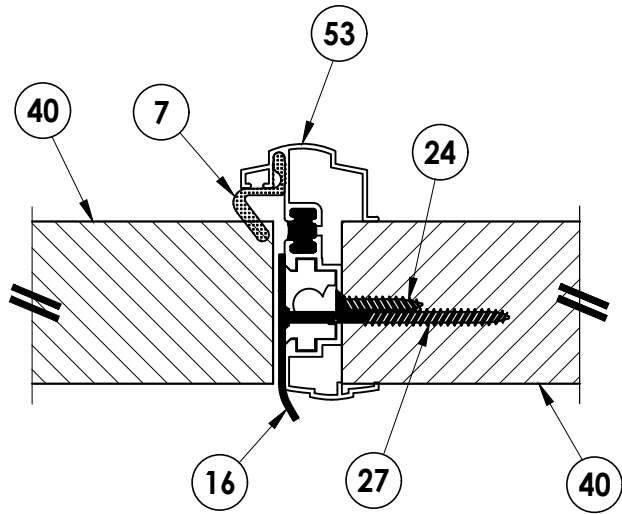
SEE NOTE 1

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NOTES:

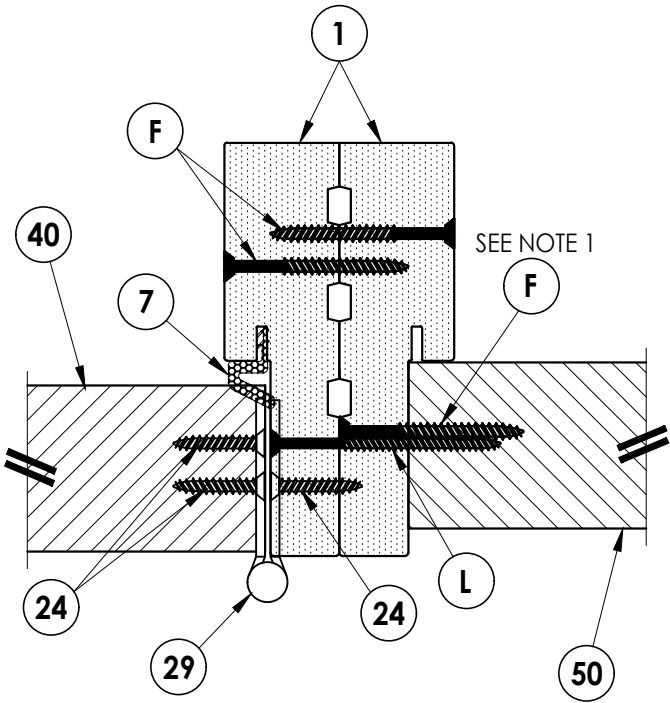
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



1 HORIZONTAL CROSS SECTION
8 Outswing shown - Inswing also approved

INTERIOR

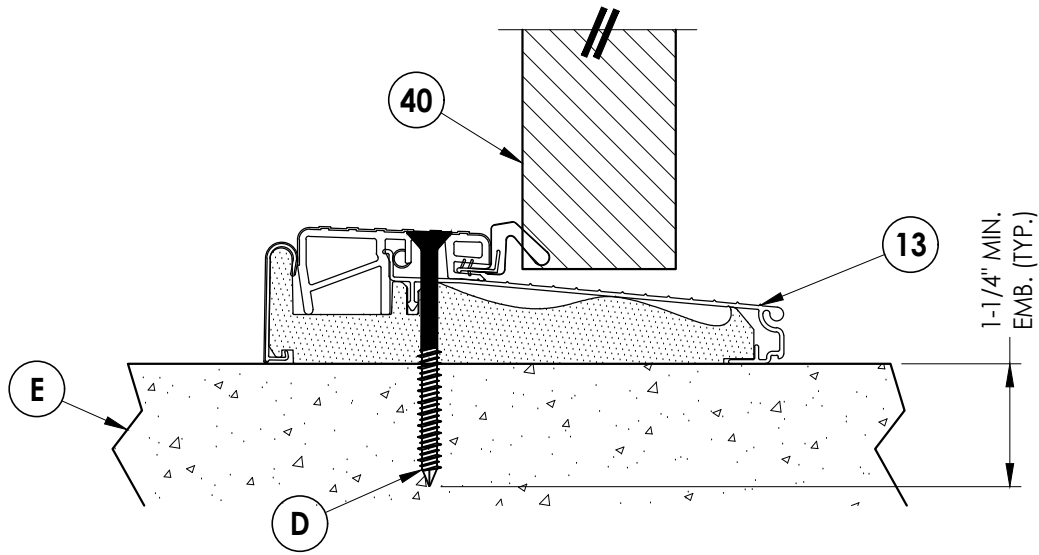
EXTERIOR



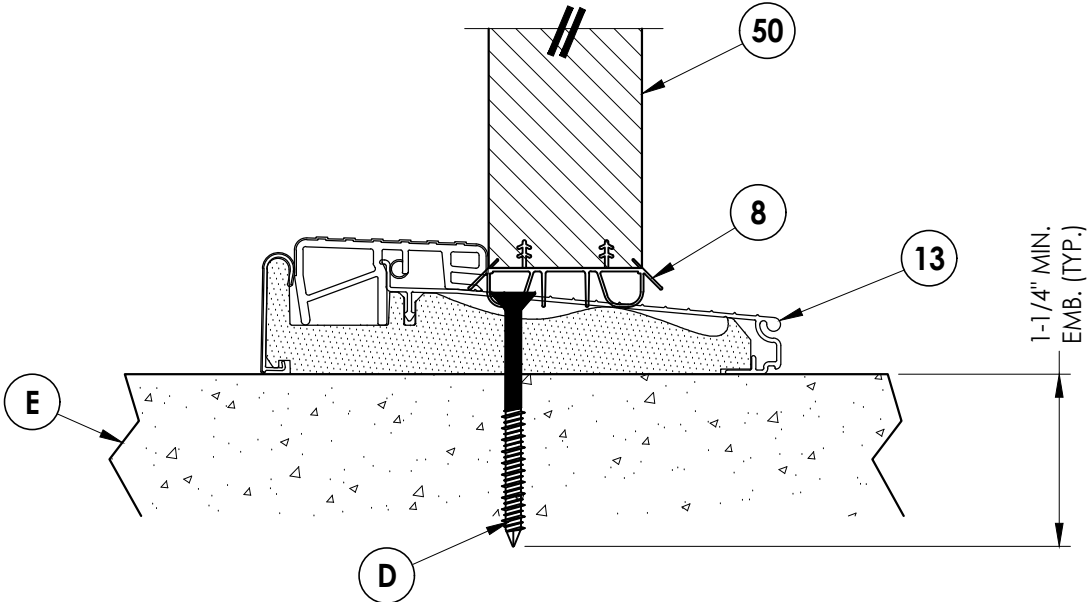
2 HORIZONTAL CROSS SECTION
8 Outswing shown - Inswing also approved

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PRODUCT: GLASSCRAFT DOOR CO.				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
				LFS	FBC	(2026)	UPDATE TO 9TH ED.
				LFS	FBC	(2023)	UPDATE TO 8TH ED.
				BY			
				REVISIONS			
				NO.	DATE		
			2	9/01/26	UPDATE TO 9TH ED.	FBC	(2026)
			1	10/9/23	UPDATE TO 8TH ED.	FBC	(2023)
DATE: 8/25/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-39764.4							
SHEET 8 OF 13							

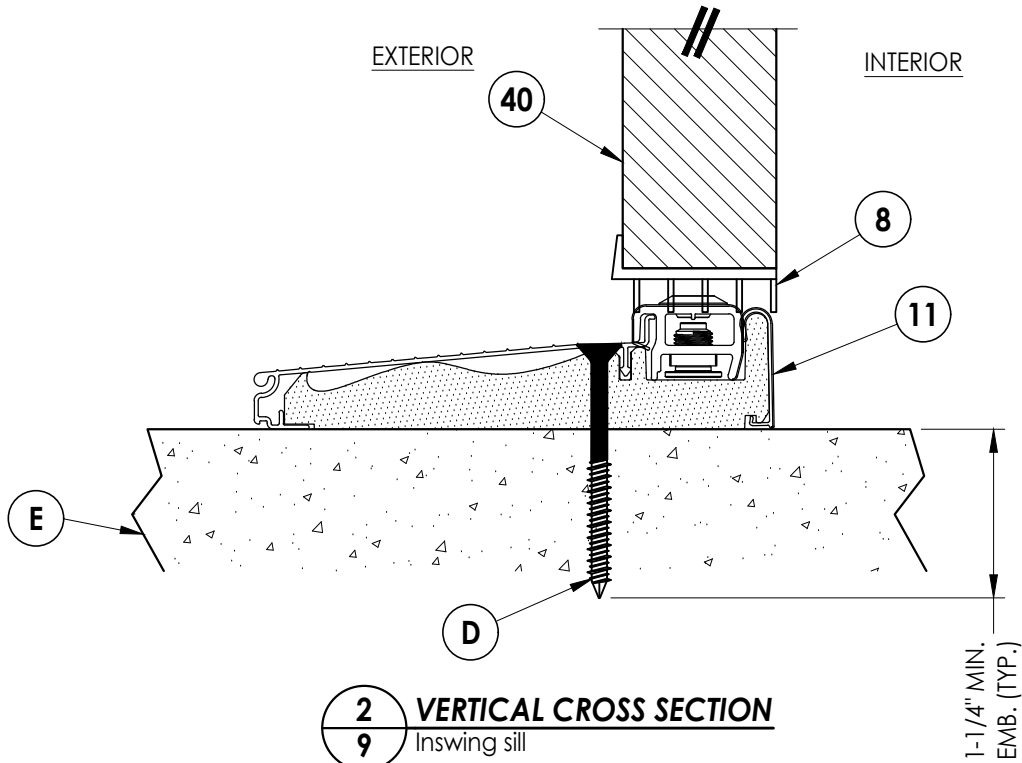
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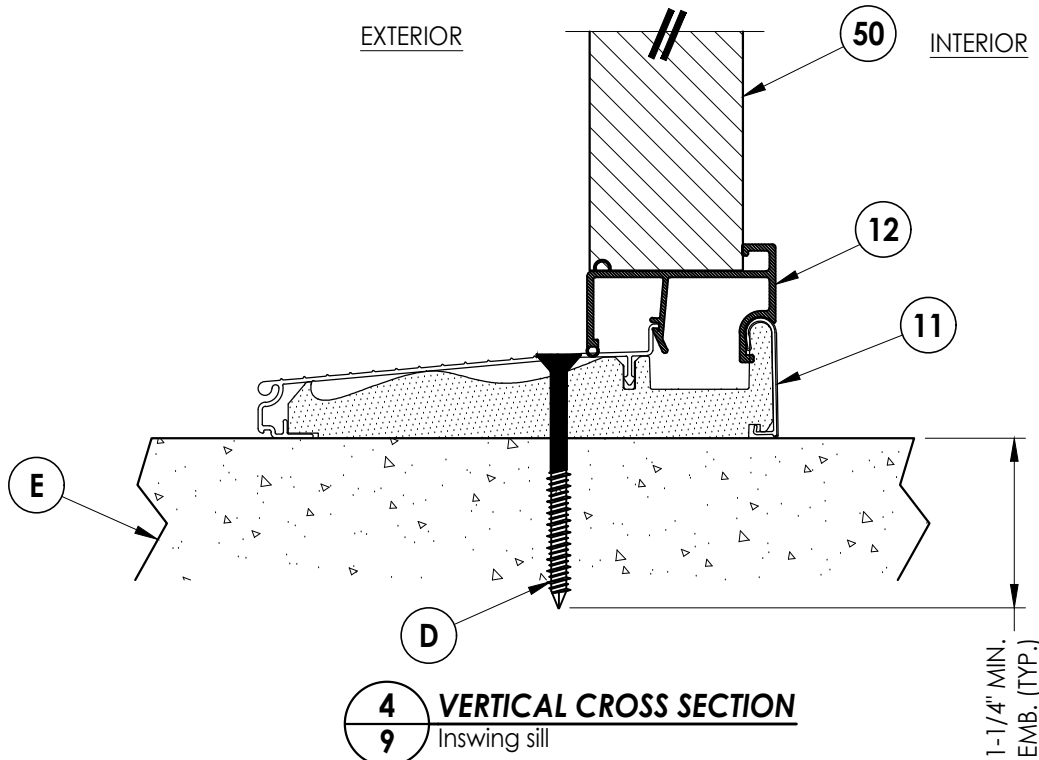
1 **VERTICAL CROSS SECTION**
9 Outswing sill



3 **VERTICAL CROSS SECTION**
9 Outswing sill

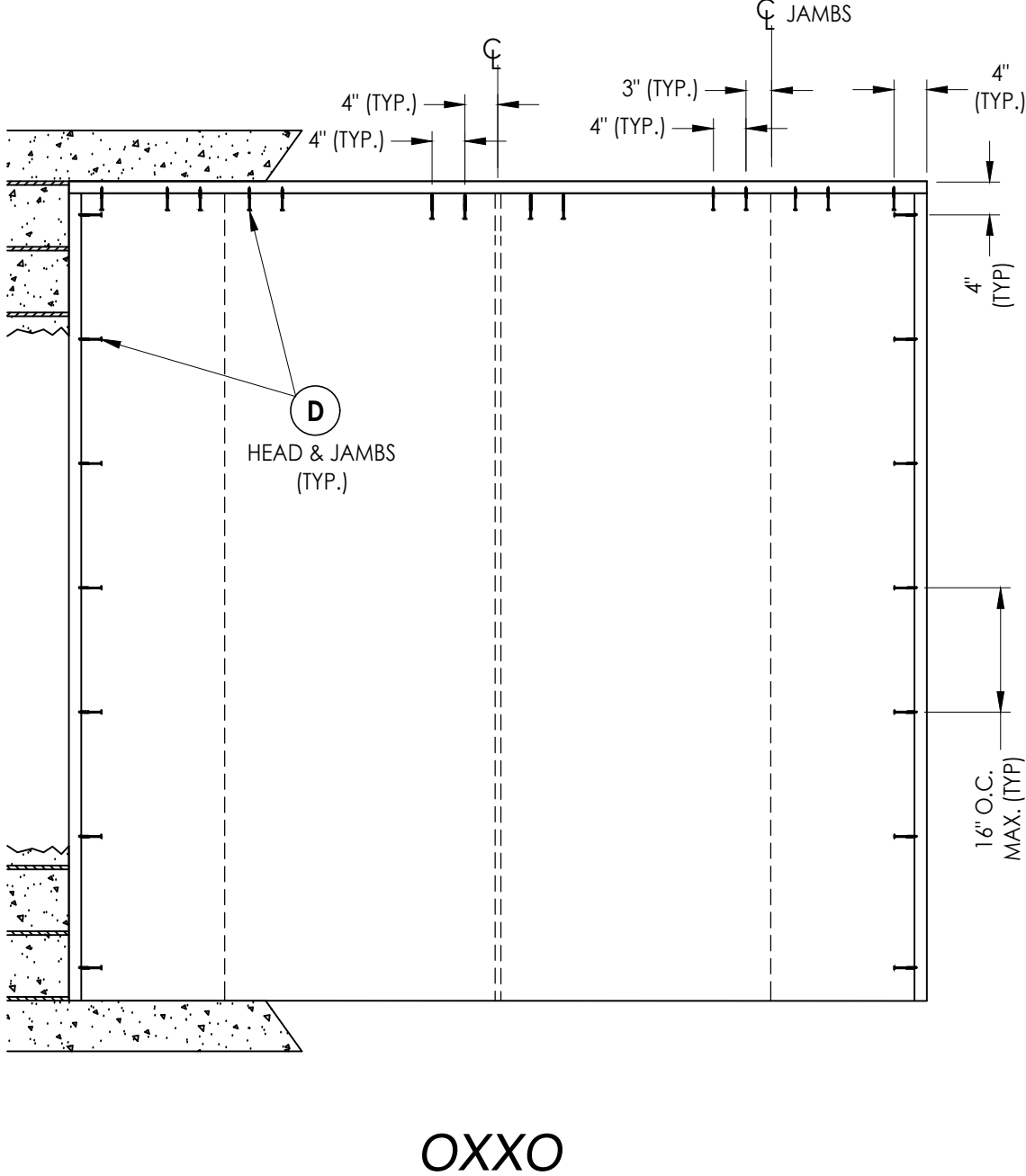
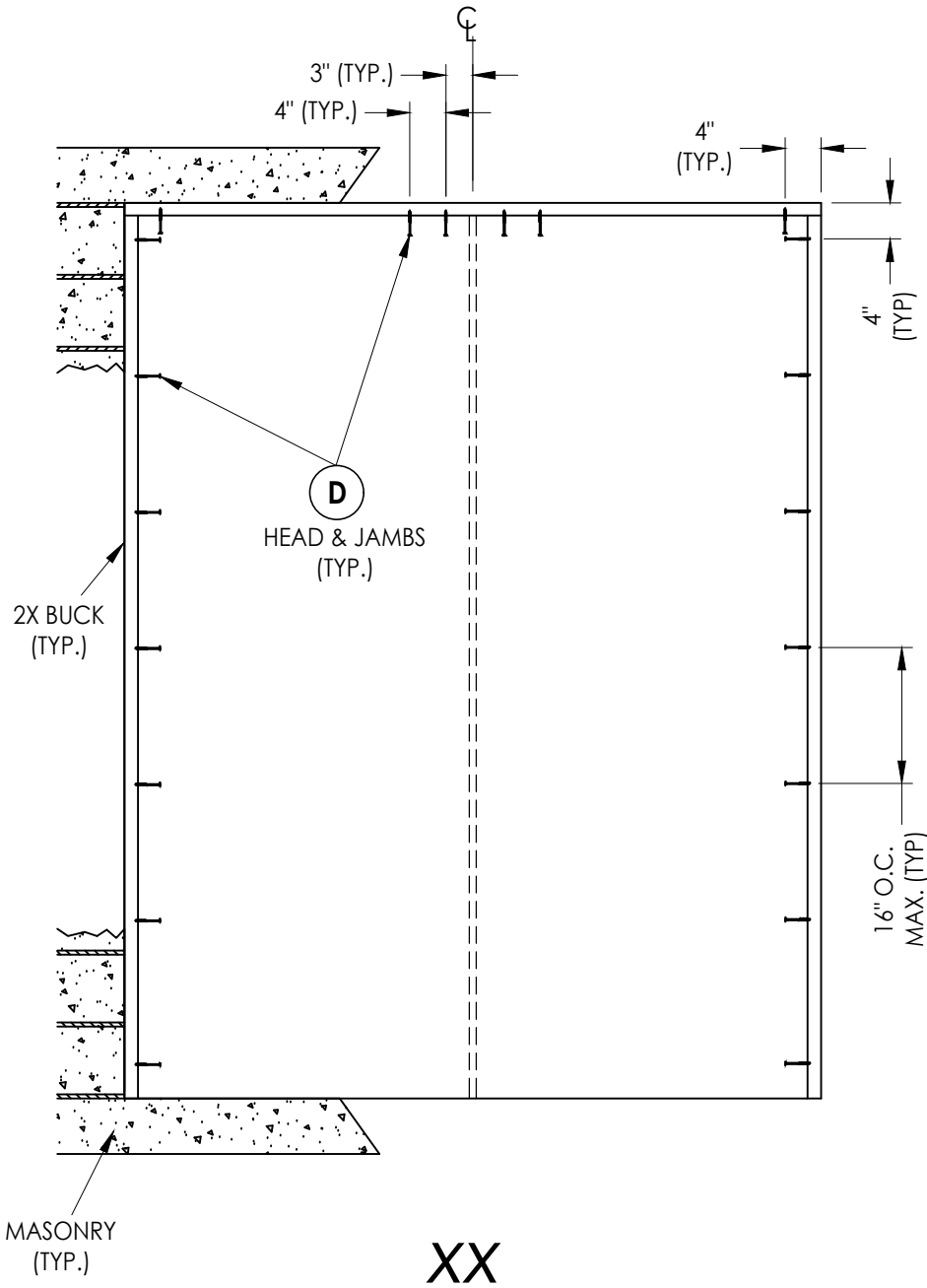


2 **VERTICAL CROSS SECTION**
9 Inswing sill



4 **VERTICAL CROSS SECTION**
9 Inswing sill

PRODUCT:				GLASSCRAFT DOOR CO.				PART OR ASSEMBLY:				VERTICAL CROSS SECTIONS			
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			
												RW			
												</			



2X BUCK ANCHORING

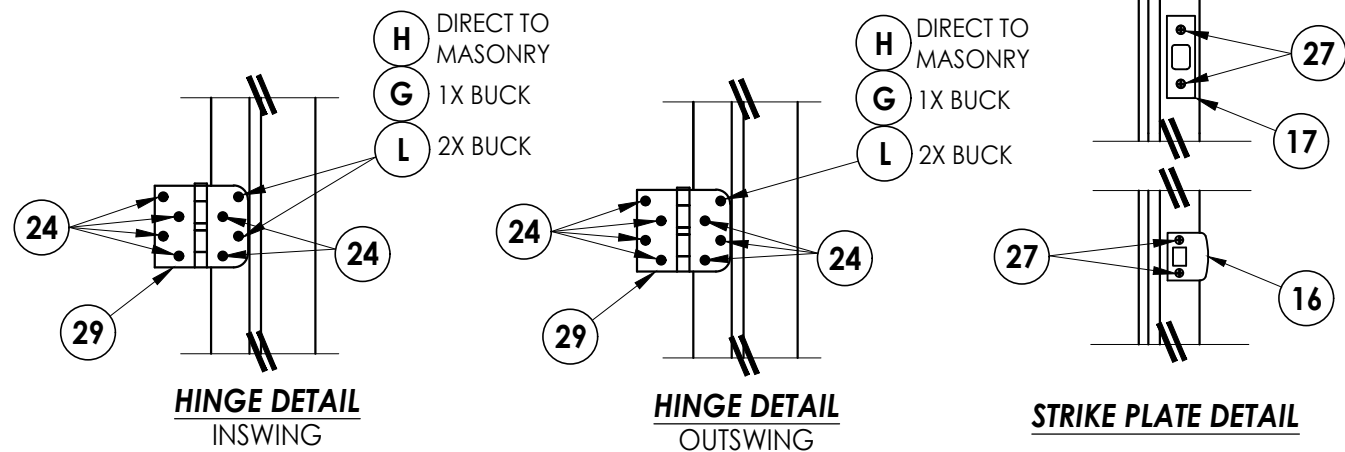
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SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.4
SHEET 10 OF 13

NO.	DATE	REVISIONS
2	9/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

PRODUCT:	GLASSCRAFT DOOR CO.
PART OR ASSEMBLY:	BUCK ANCHORING

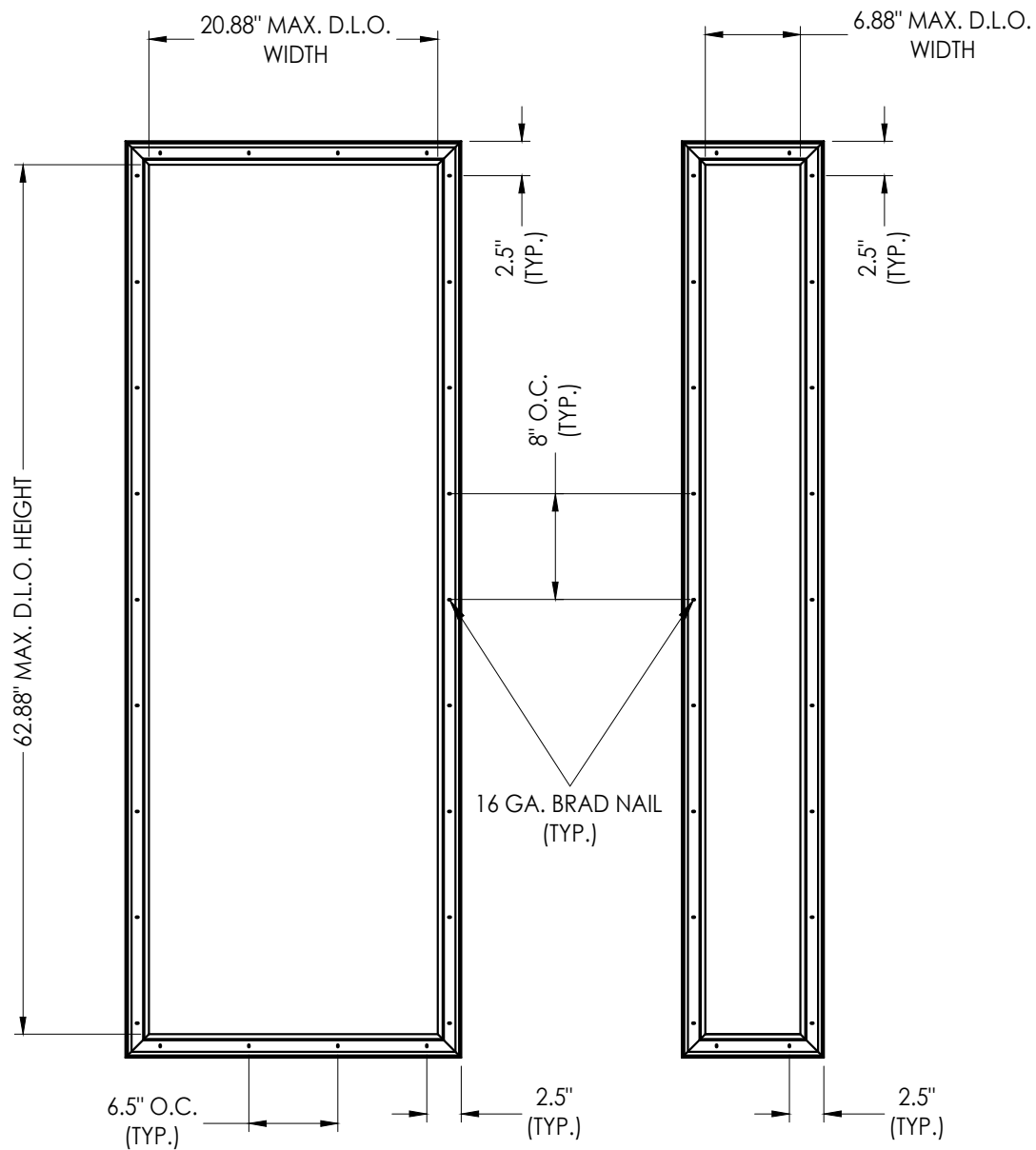
Documents Prepared By:
Lyndon F. Schmidt
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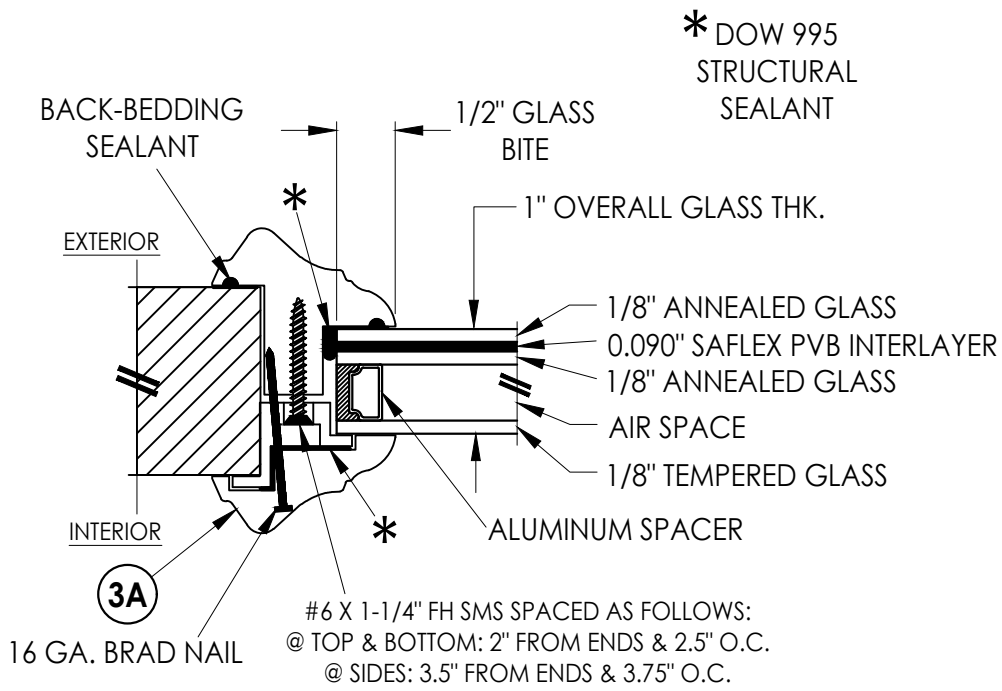
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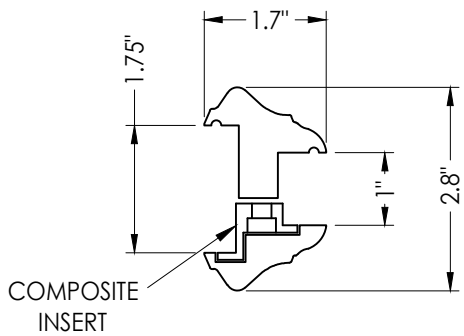


DOOR LITE FRAME

SIDELITE LITE FRAME



G1 GLAZING DETAIL



3A GLASSCRAFT LITE FRAME
EXTRUDED PVC

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

PRODUCT:
GLASSCRAFT DOOR CO.

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39764.4

SHEET 12 OF 13

Part or Assembly:
LITE FRAME
& GLAZING DETAILS

REVISIONS

NO.	DATE	DESCRIPTION
2	9/01/26	UPDATE TO 9TH ED. (2026) FBC
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC

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FBPE Registry No. 9813

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 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 ITW CONCRETE SCREW	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
L	#10 X 2-1/2" PFH WS (1.15" MIN. EMBEDMENT)	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	PVC
11	INSWING THRESHOLD	ALUM/ COMP
12	INSWING SIDELITE ADAPTER	VINYL
13	OUTSWING THRESHOLD	ALUM/ COMP
16	LATCH STRIKE PLATE	STEEL
17	DEADBOLT STRIKE PLATE	STEEL
24	#9 X 1" PFH WS	STEEL
26	#10 X 2" PFH WS	STEEL
27	#8 X 2-1/2" PFH WOOD SCREW	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL

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.

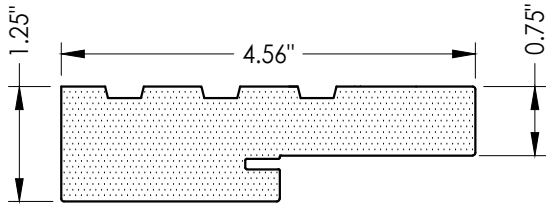
CONCRETE ANCHOR NOTES:

- 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:

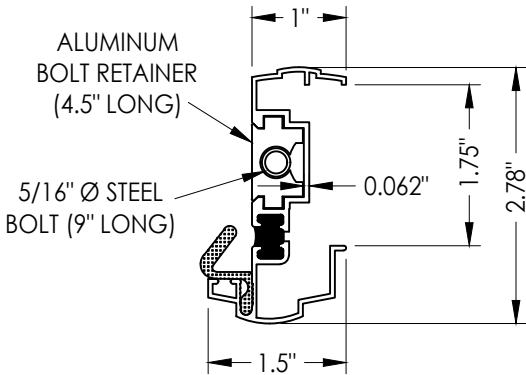
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

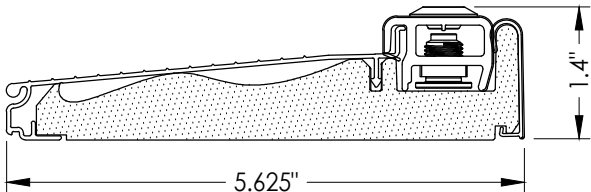
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



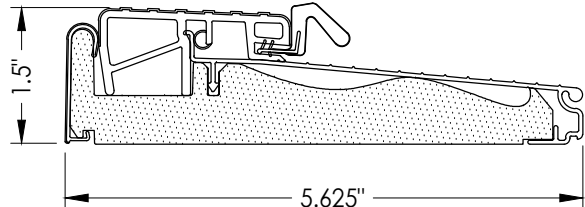
1 COMPOSITE JAMB
WORLDWIDE (4EVER)



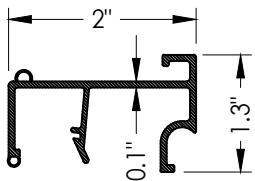
53 ASTRAGAL
Quantex



11 INSWING THRESHOLD
ENDURA



13 OUTSWING THRESHOLD
ENDURA



12 INSWING SIDELITE ADAPTER
ENDURA

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
FBPE Registry No. 9813

PRODUCT:
GLASSCRAFT DOOR CO.

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
2	9/01/26	UPDATE TO 9TH ED. (2026) FBC
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC
		BY

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-39764.4

SHEET 13 OF 13