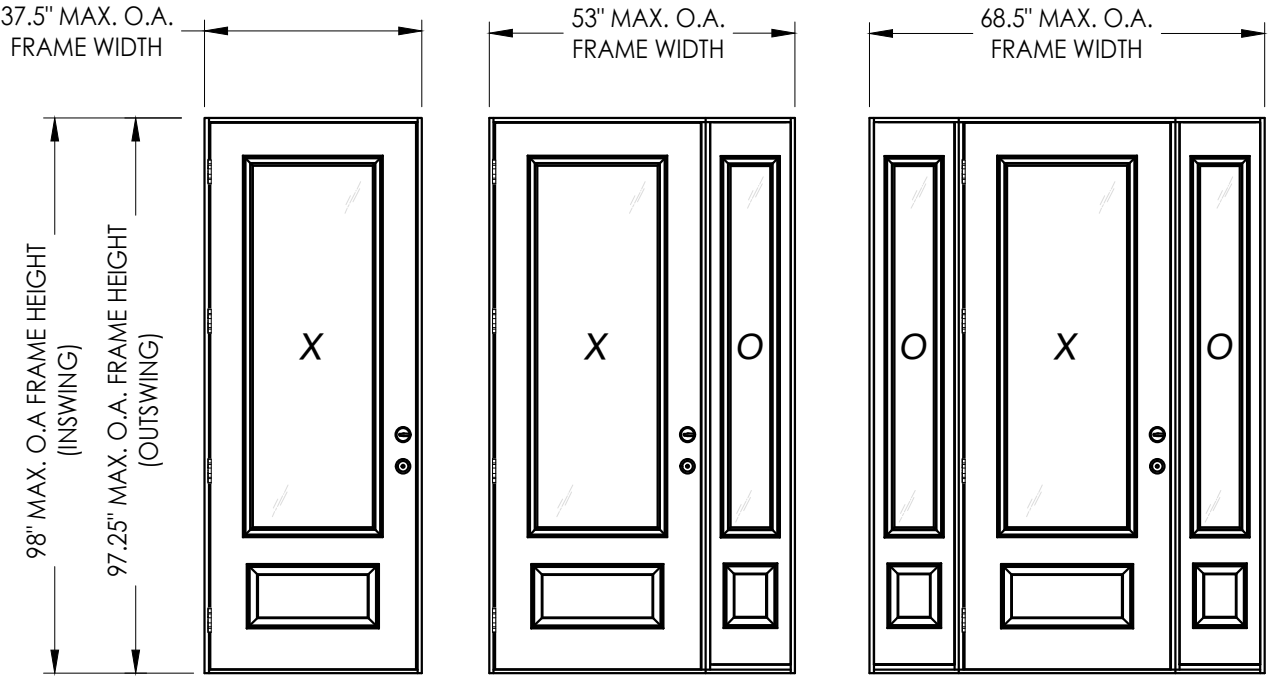




7. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 #	
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal Cross Sections
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)		



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+45.0	-50.0	+50.0	-50.0
OX, XO, OXO	+45.0	-50.0	+45.0	-45.0

L75

L.F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by
Lyndon F Schmidt
Date: 2026.09.15
07:33:48 -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.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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

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

PRODUCT: GLASSCRAFT DOOR CO.

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

[illegible]

DATE: 8/25/21

SCALE: *N.T.S.*

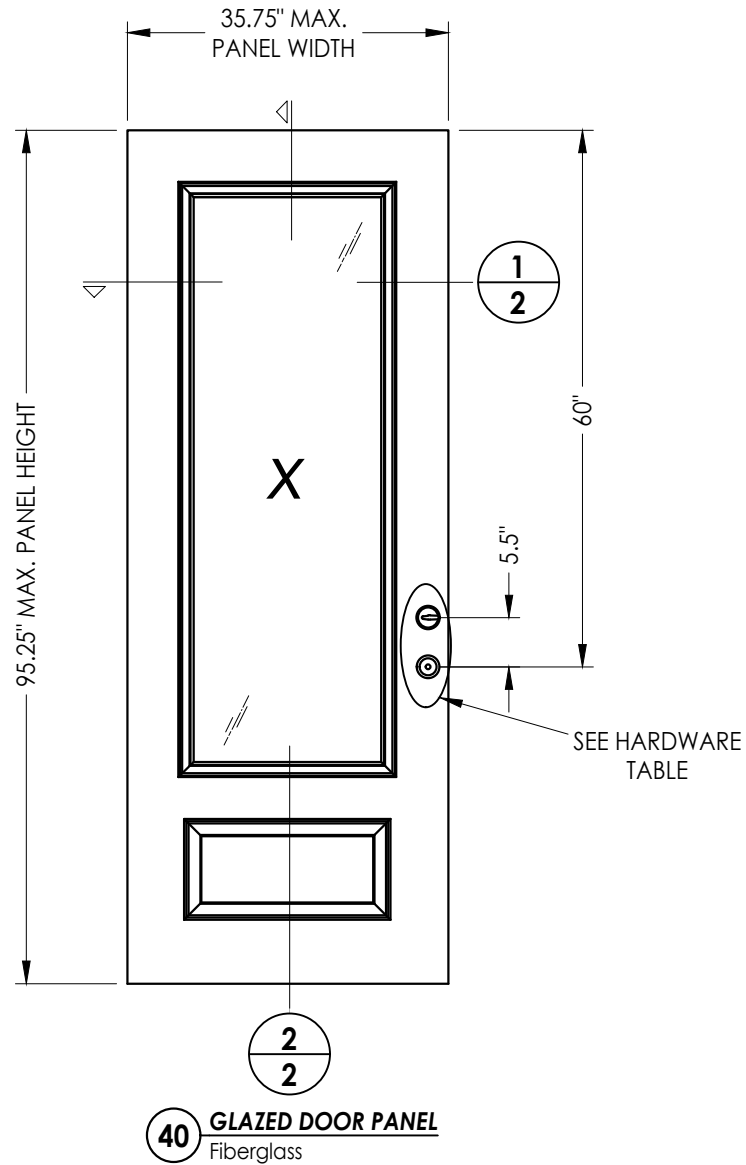
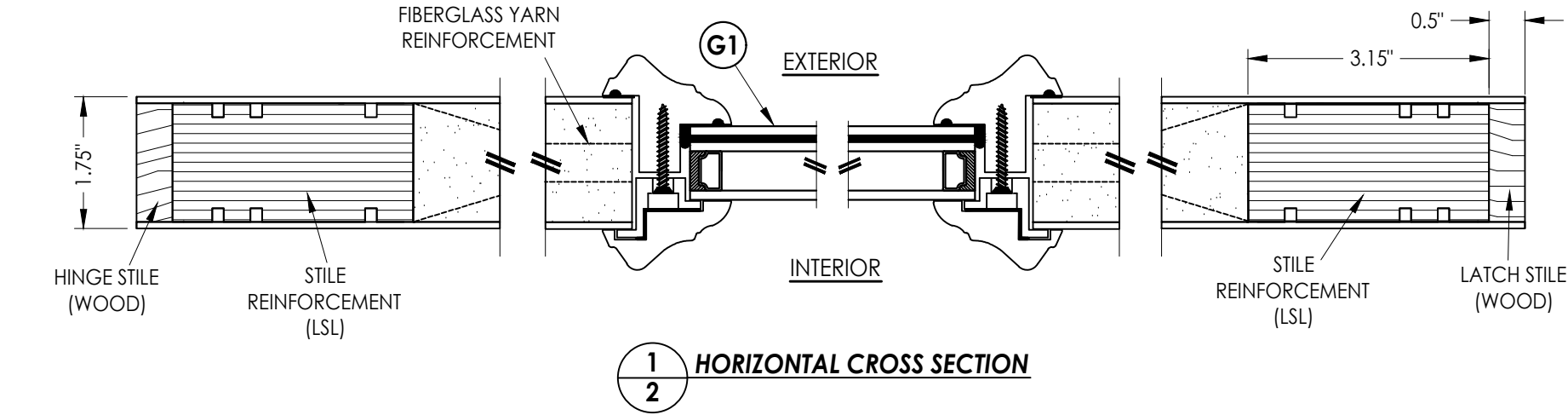
DWG. BY: *RW*

CHK. BY: LFS

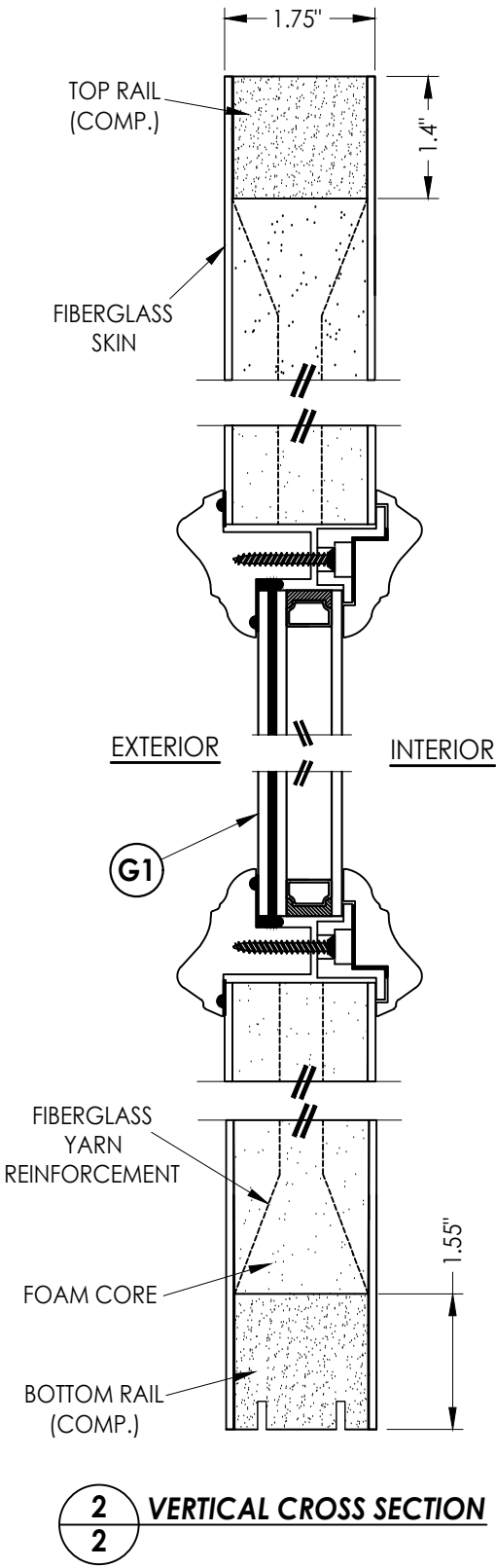
DRAWING NO.:
FL-39764.3

SHEET 1 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg



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

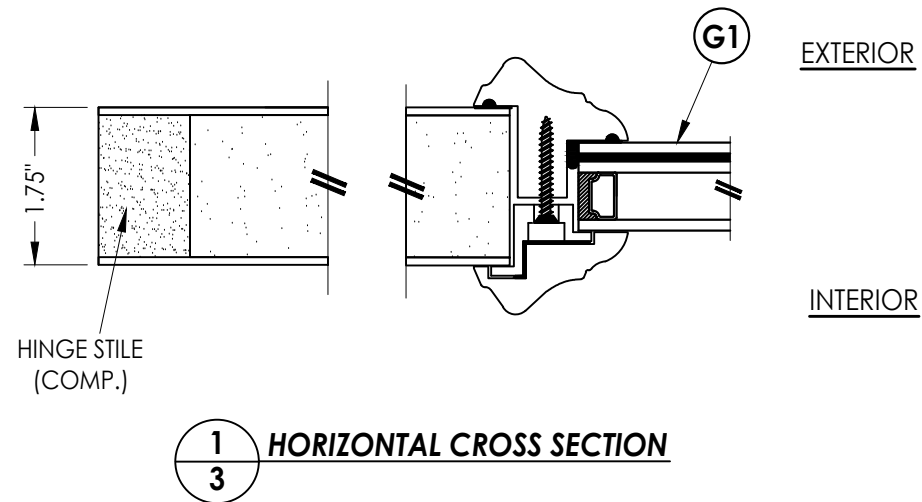


DOOR SKIN: 0.090" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

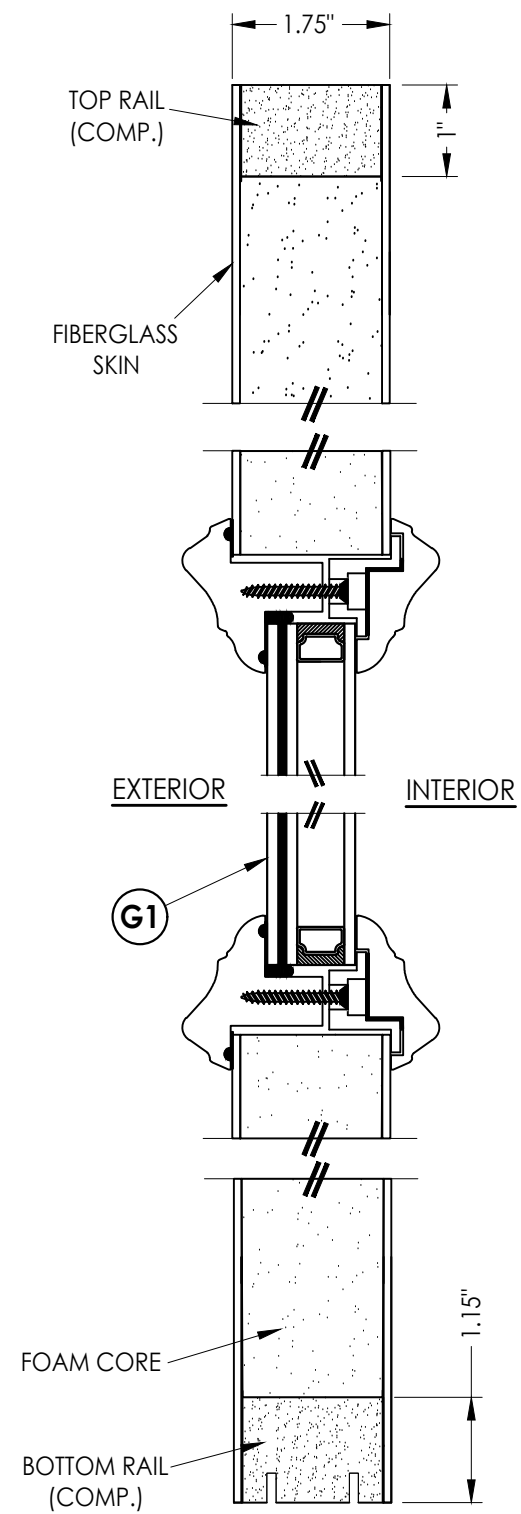
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		GLASSCRAFT DOOR CO.		PART OR ASSEMBLY:		DOOR PANEL DETAILS	
					LFS		
					LFS		
					BY		
					REVISIONS		



1 HORIZONTAL CROSS SECTION

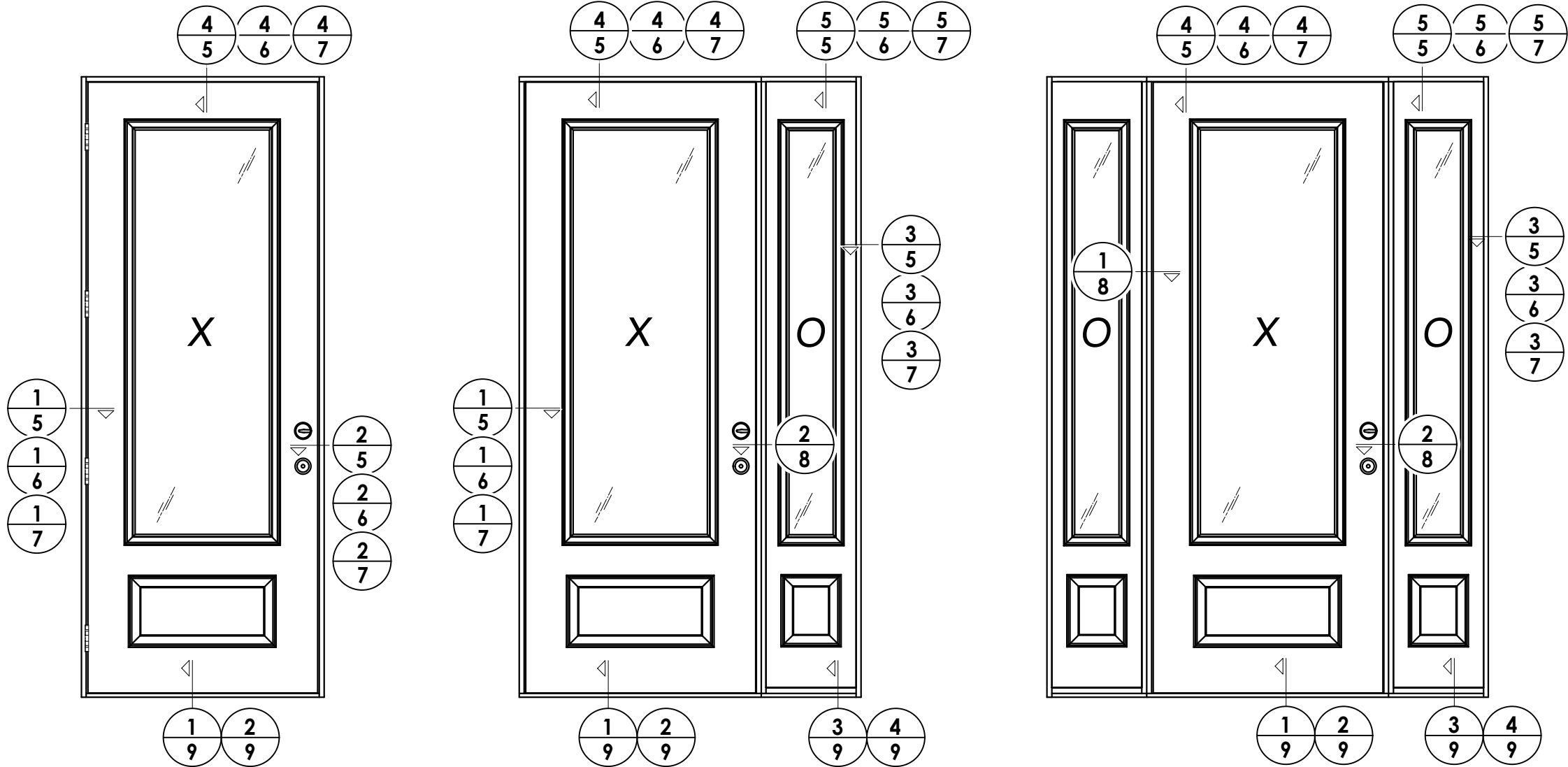


2 VERTICAL CROSS SECTION

[illegible]

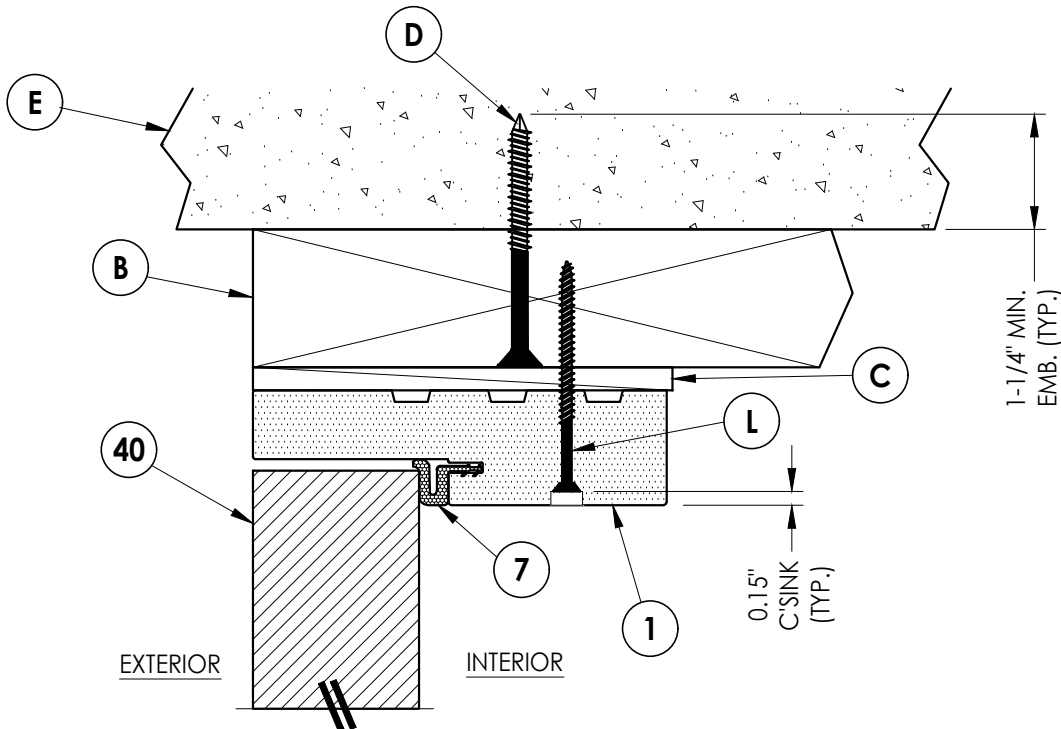
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^{qW} BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

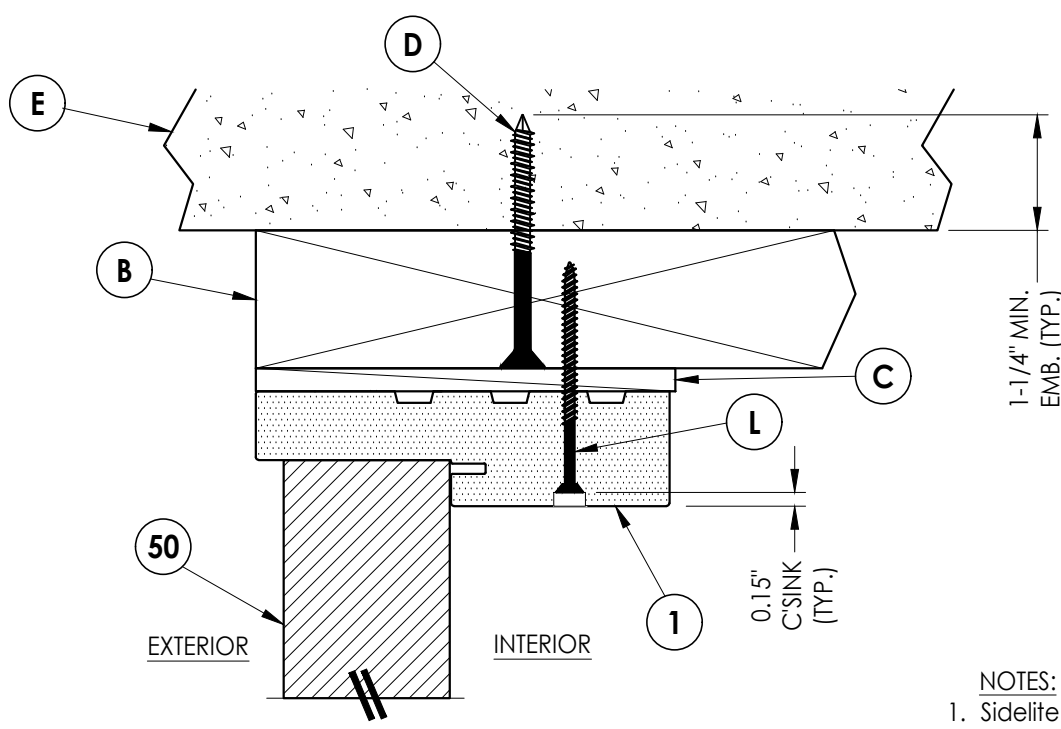


DATE: 8/25/21		DRAWING NO.: FL-39764.3		SHEET 4 OF 13	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: RW	
2		9/01/26		UPDATE TO 9TH ED. (2026) FBC	
1		10/9/23		UPDATE TO 8TH ED. (2023) FBC	
NO.		DATE		BY	
REVISIONS					
PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: ELEVATIONS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg

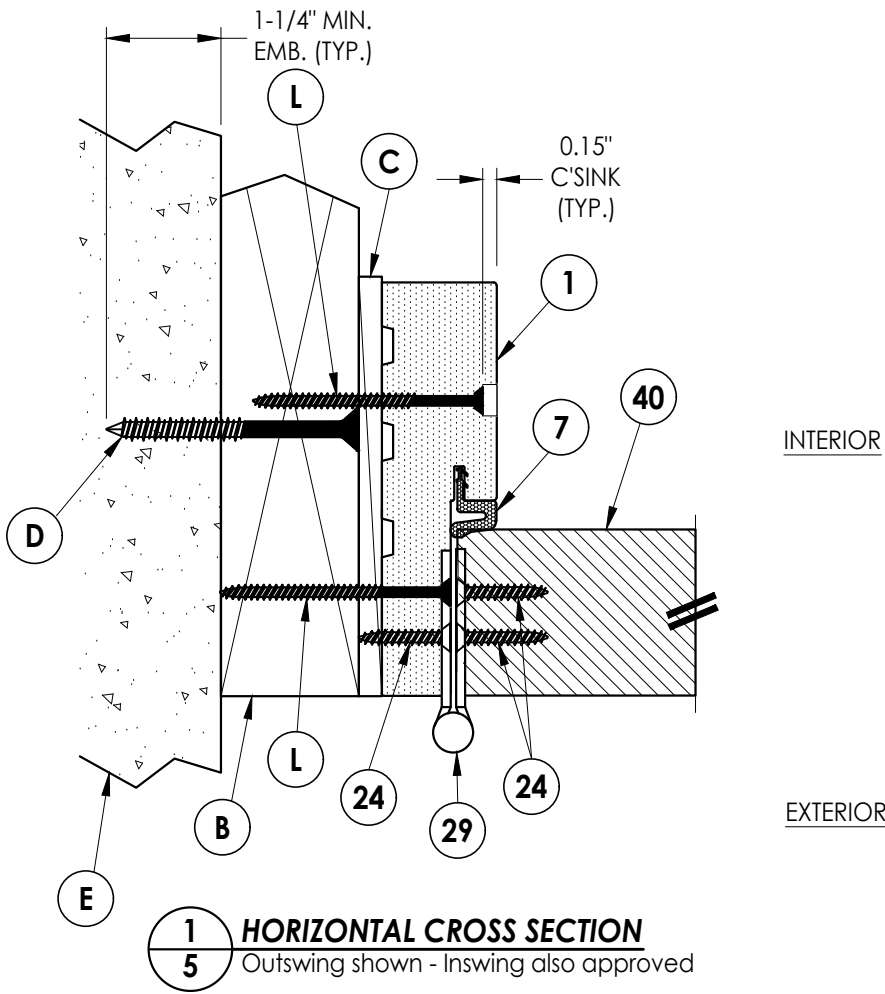


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

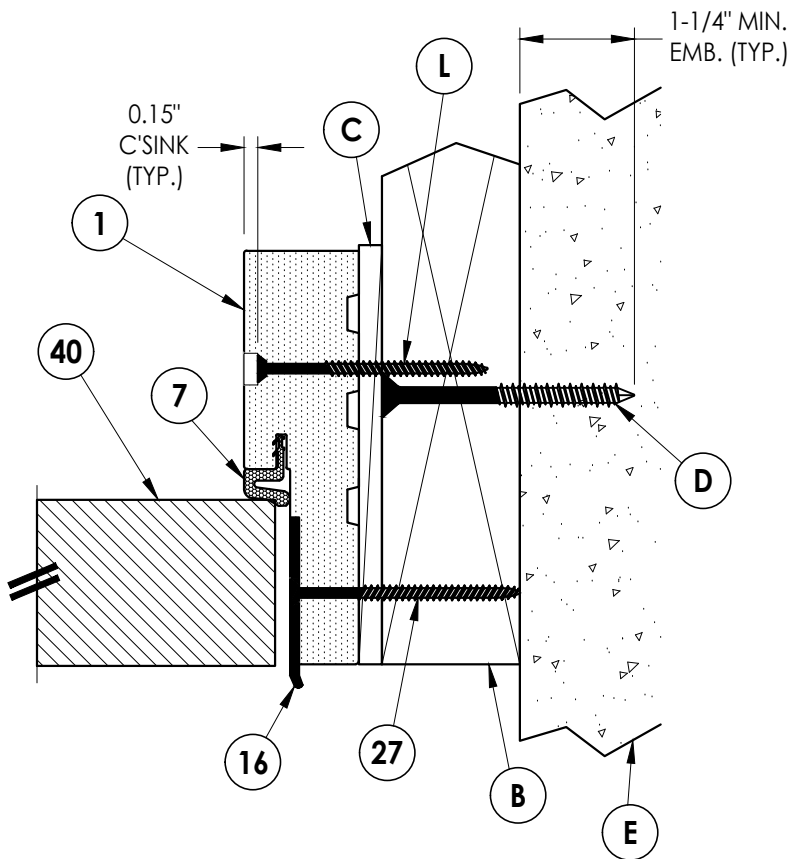


5 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

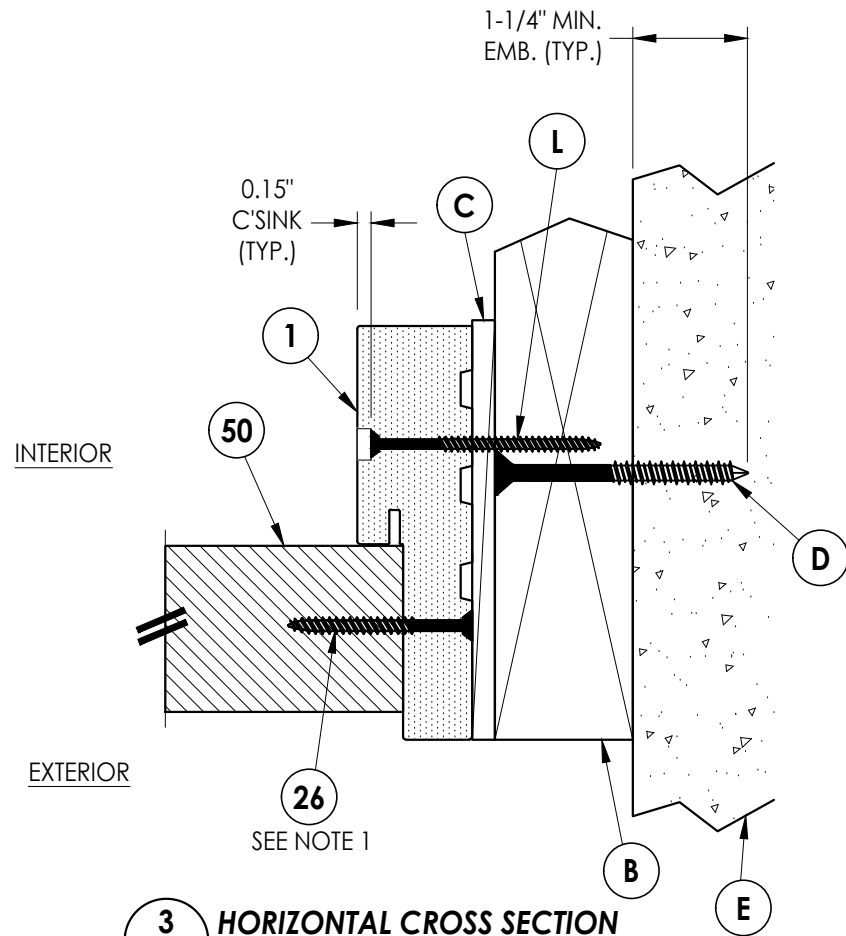
NOTES:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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



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



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

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

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

PRODUCT: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

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

DATE: 8/25/21

SCALE: N.T.S.

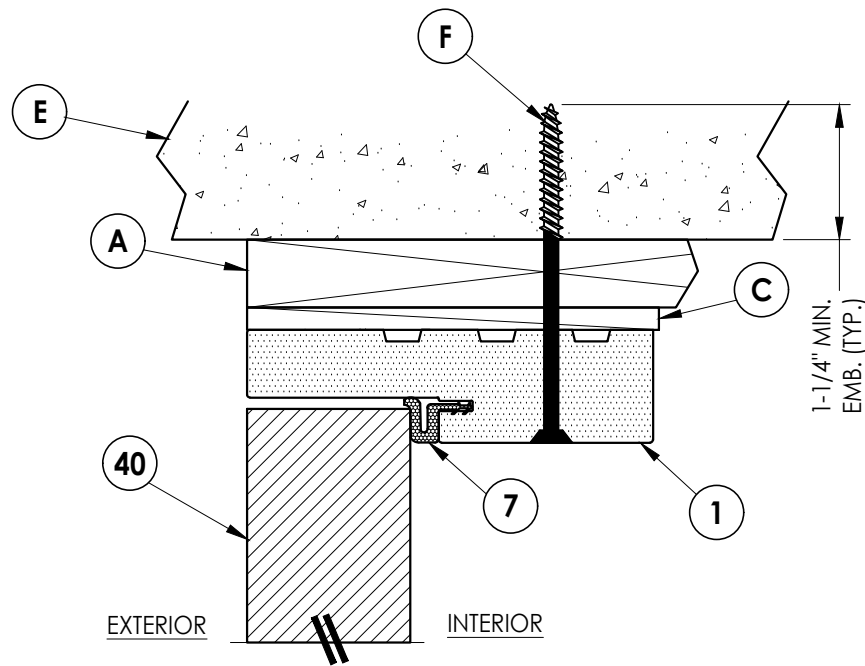
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CHK. BY: LFS

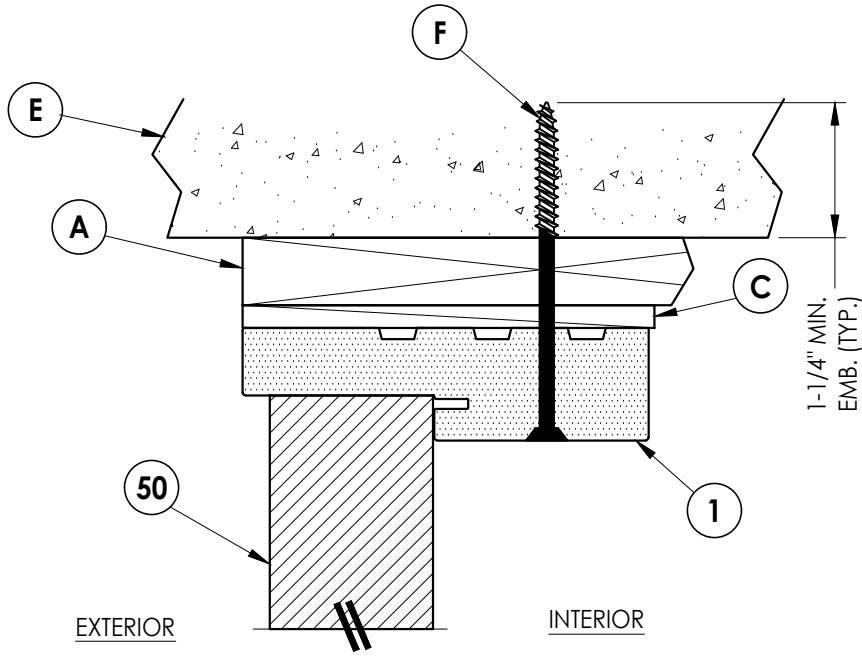
DRAWING NO.: FL-39764.3

SHEET 5 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg

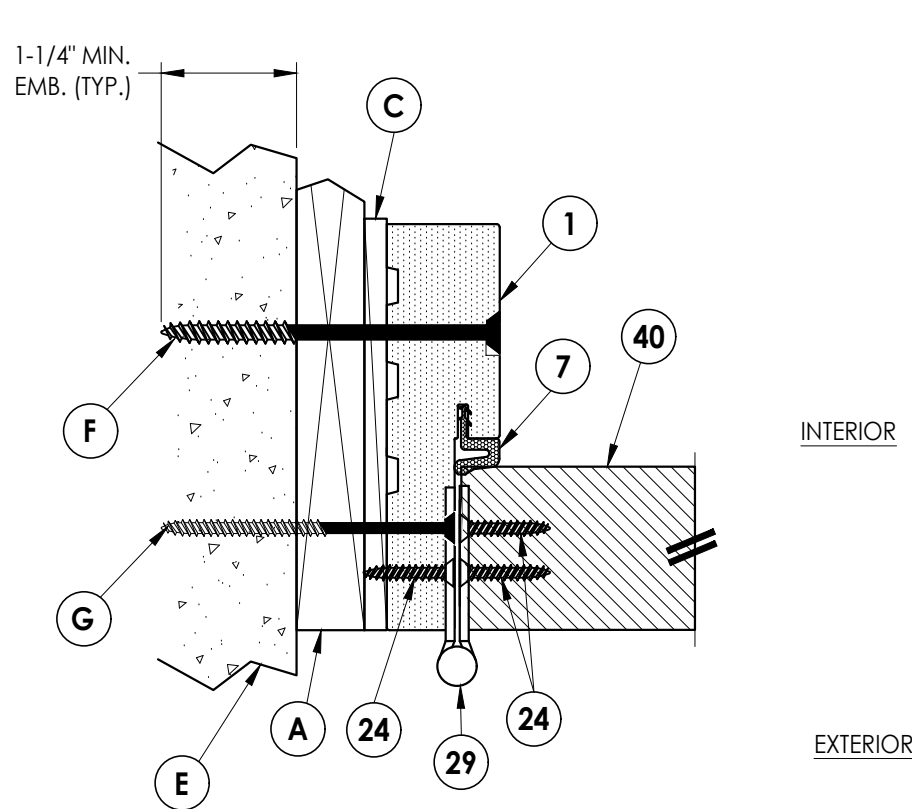


4 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

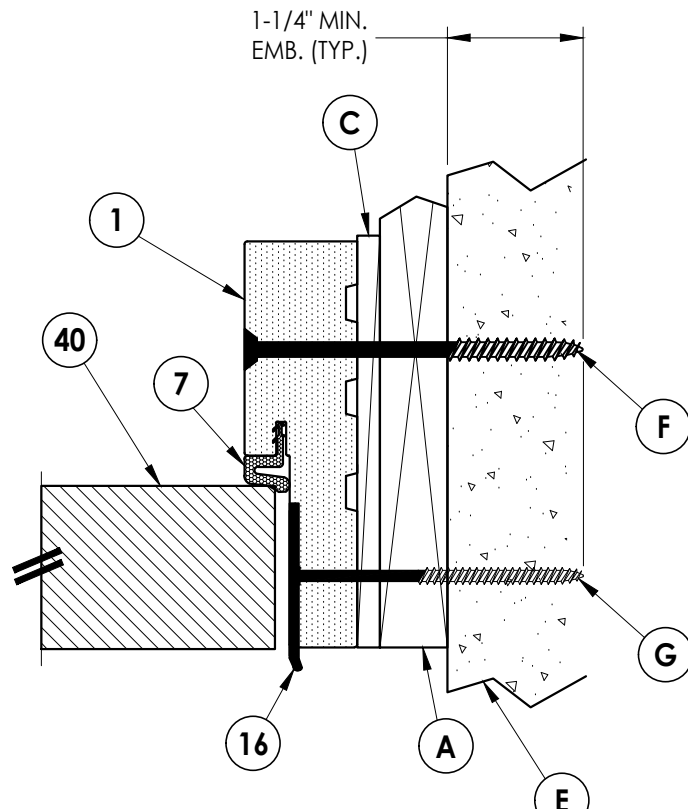


5 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

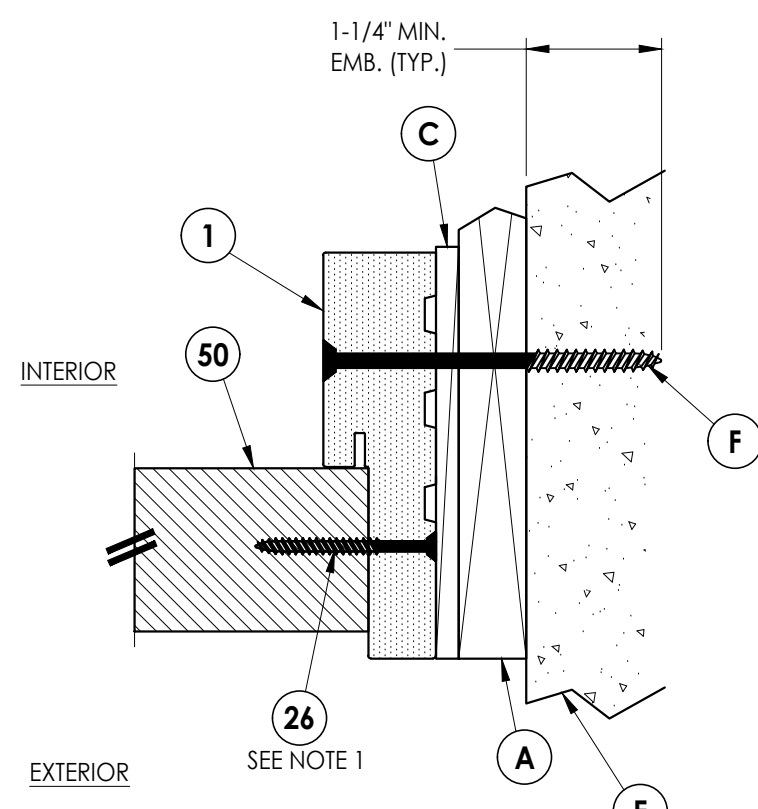
NOTES:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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



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



3 **HORIZONTAL CROSS SECTION**
6 Outswing shown - Inswing also approved

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: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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

DATE: 8/25/21

SCALE: N.T.S.

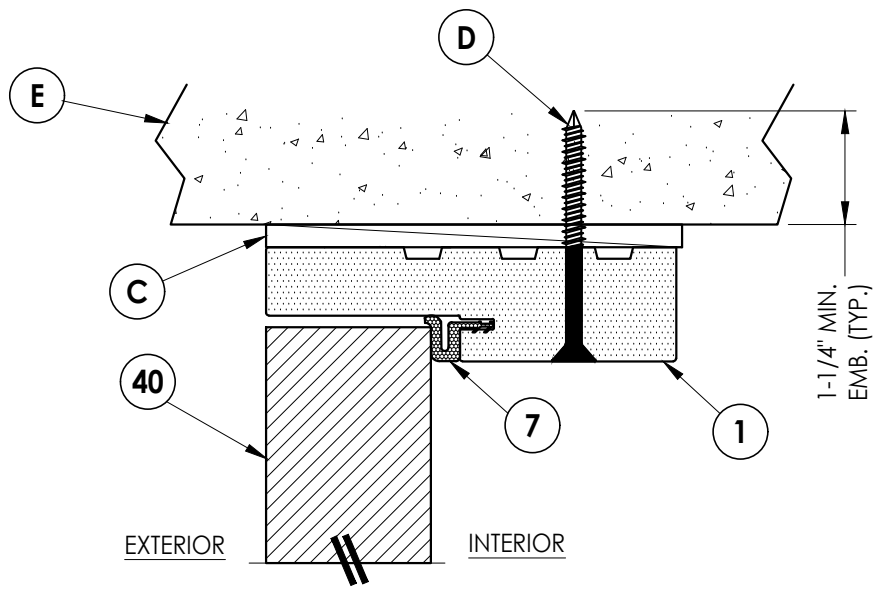
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CHK. BY: LFS

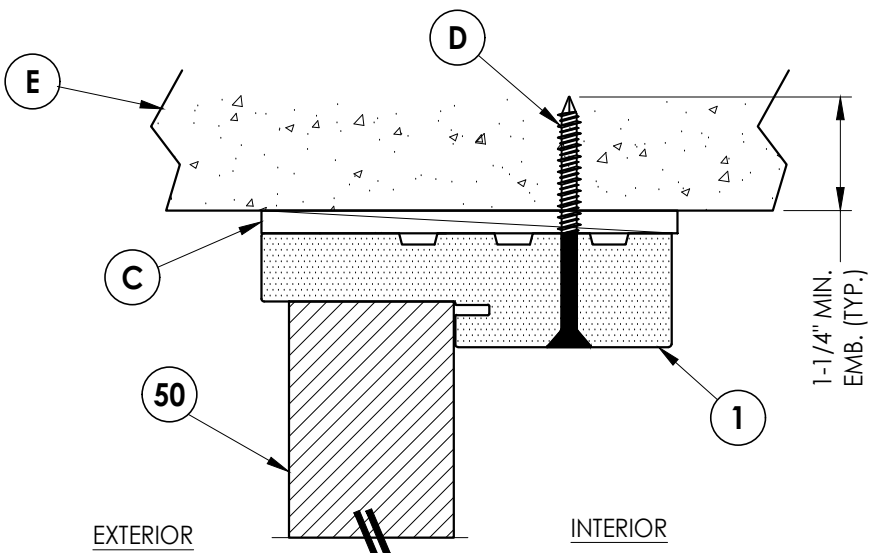
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SHEET 6 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg

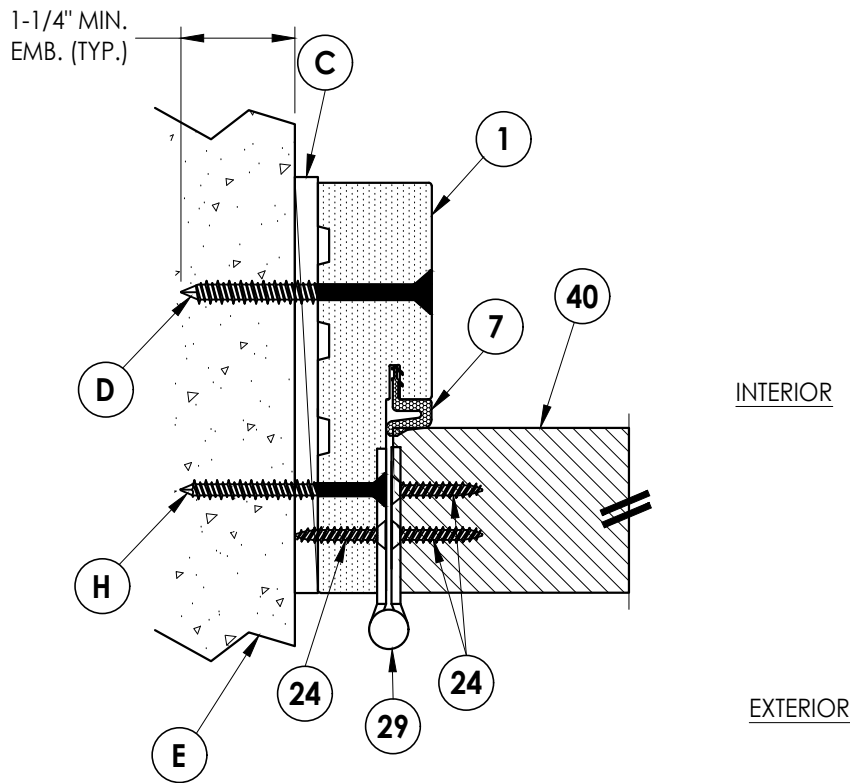


4
7 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved

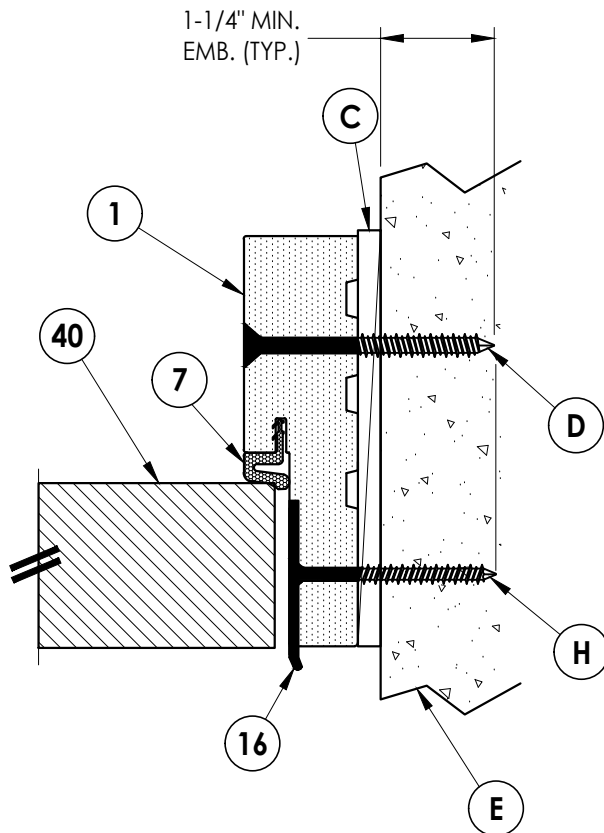


5
7 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved

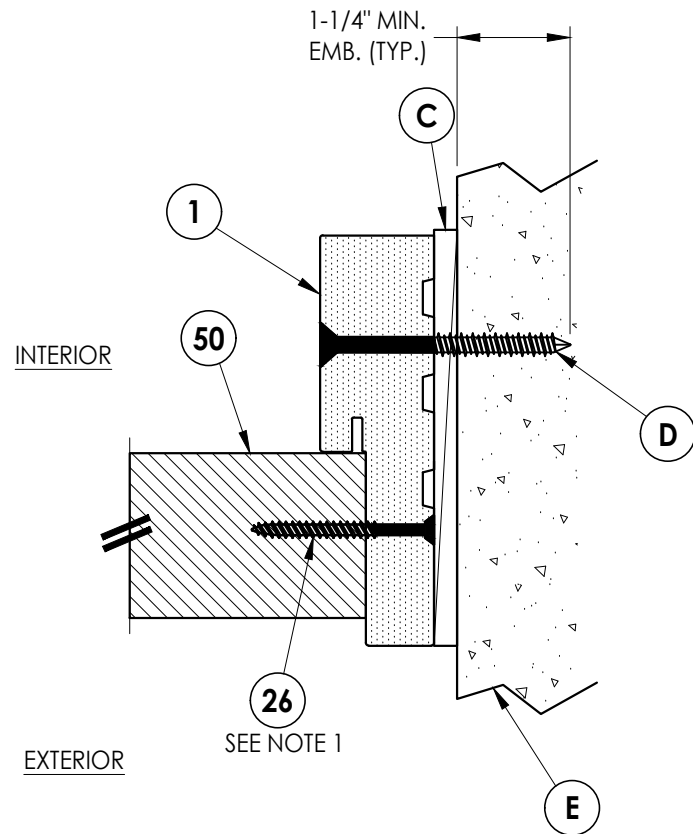
NOTES:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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



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



3
7 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

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

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

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

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

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

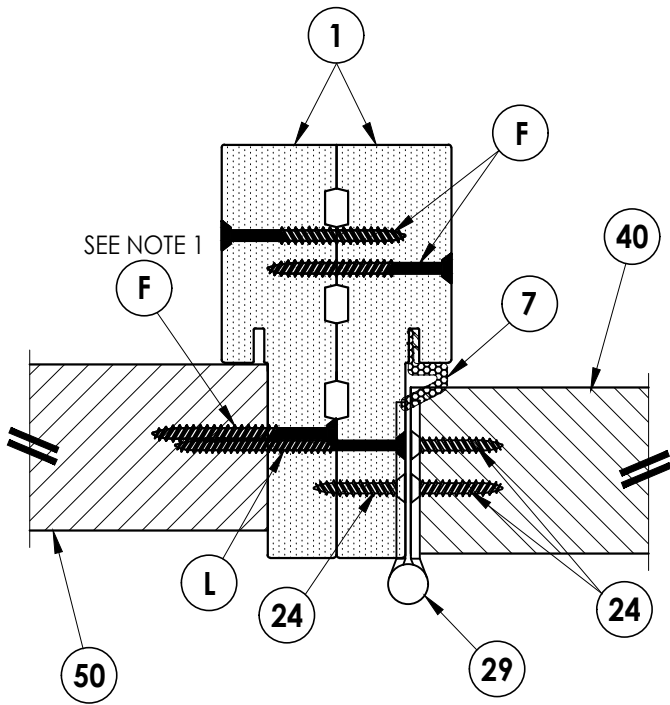
FL-39764.3

SHEET 7 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg

NOTES:

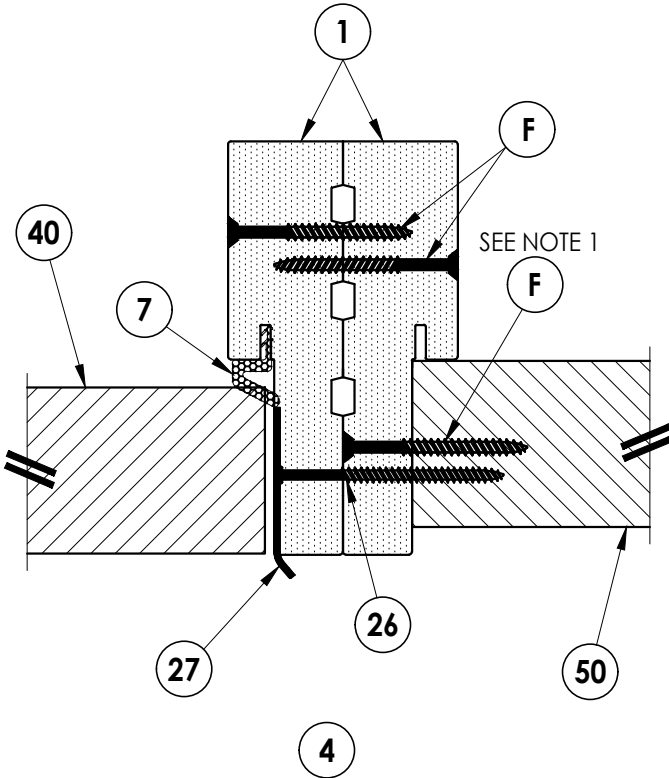
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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

INTERIOR

EXTERIOR



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

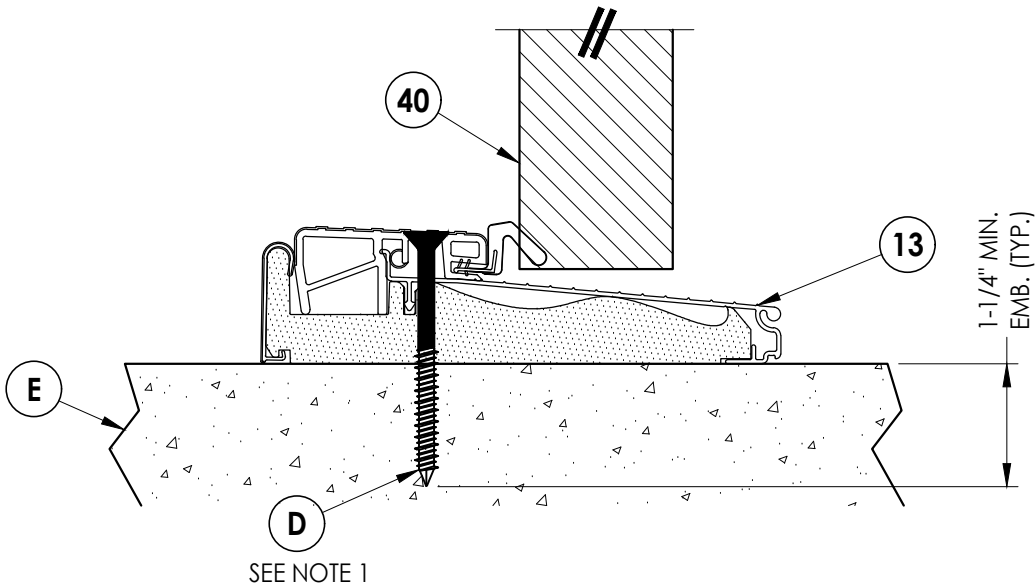
DATE:	8/25/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39764.3
SHEET	8 of 13

PRODUCT:	GLASSCRAFT DOOR CO.
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

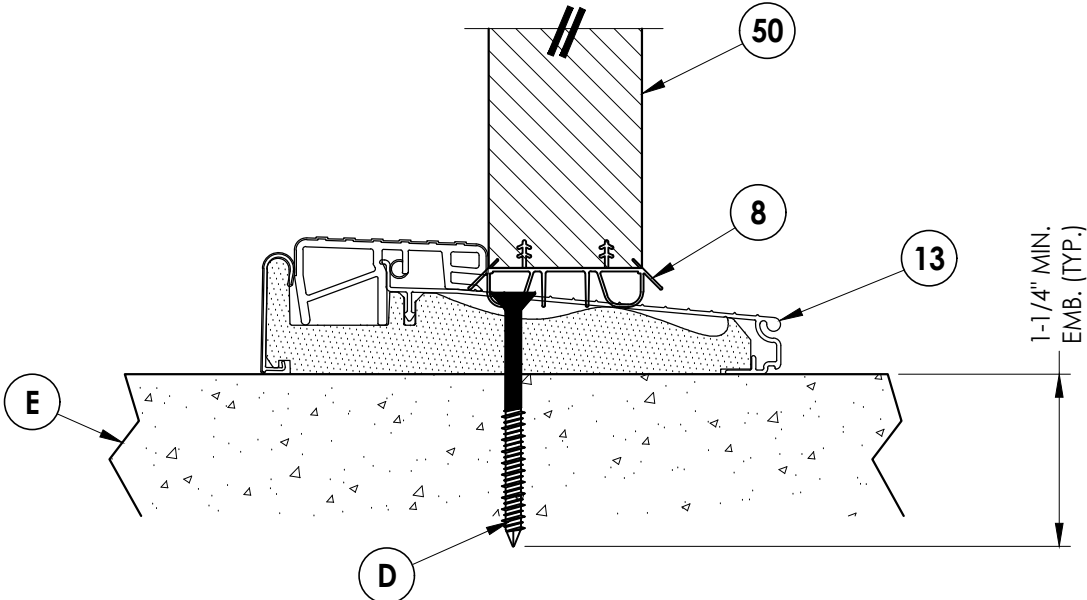
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
RW	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg

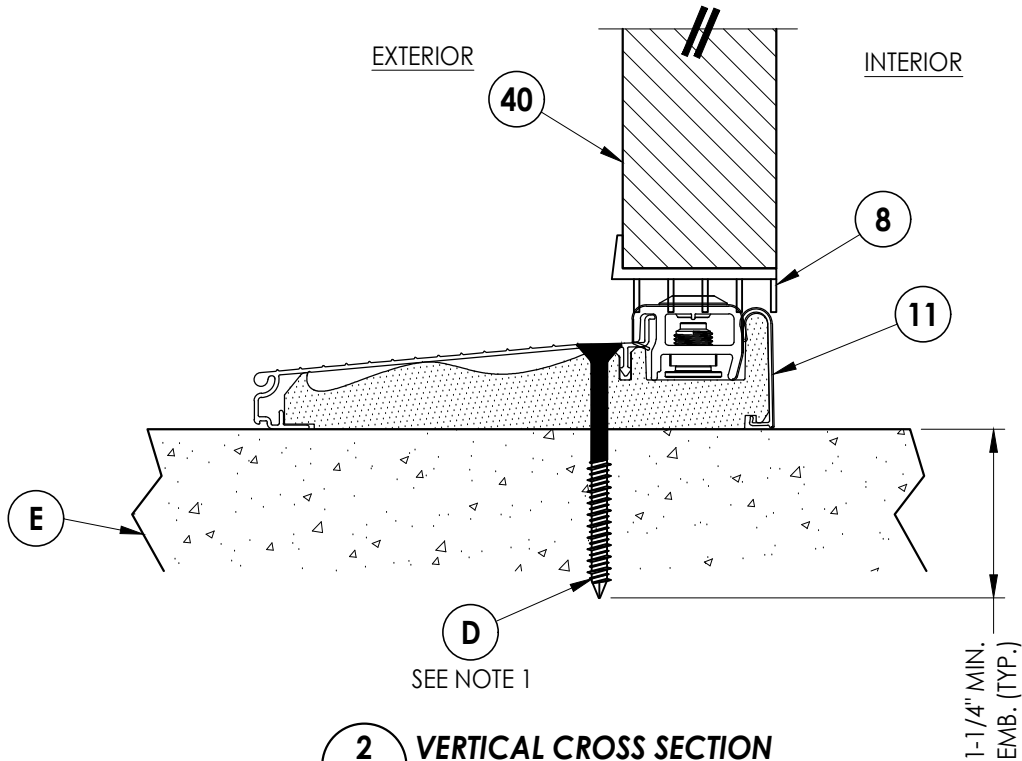
NOTE:
1. Sill anchor not required for Single (X) door configuration only.



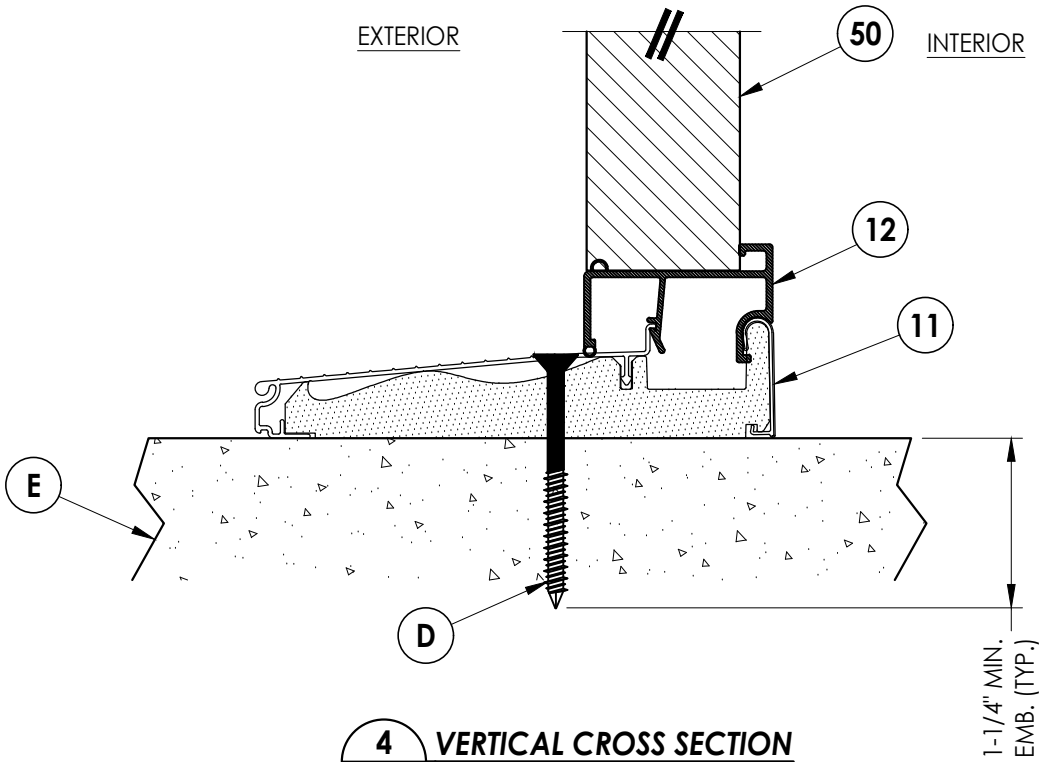
1
9 **VERTICAL CROSS SECTION**
Outswing sill



3
9 **VERTICAL CROSS SECTION**
Outswing sill



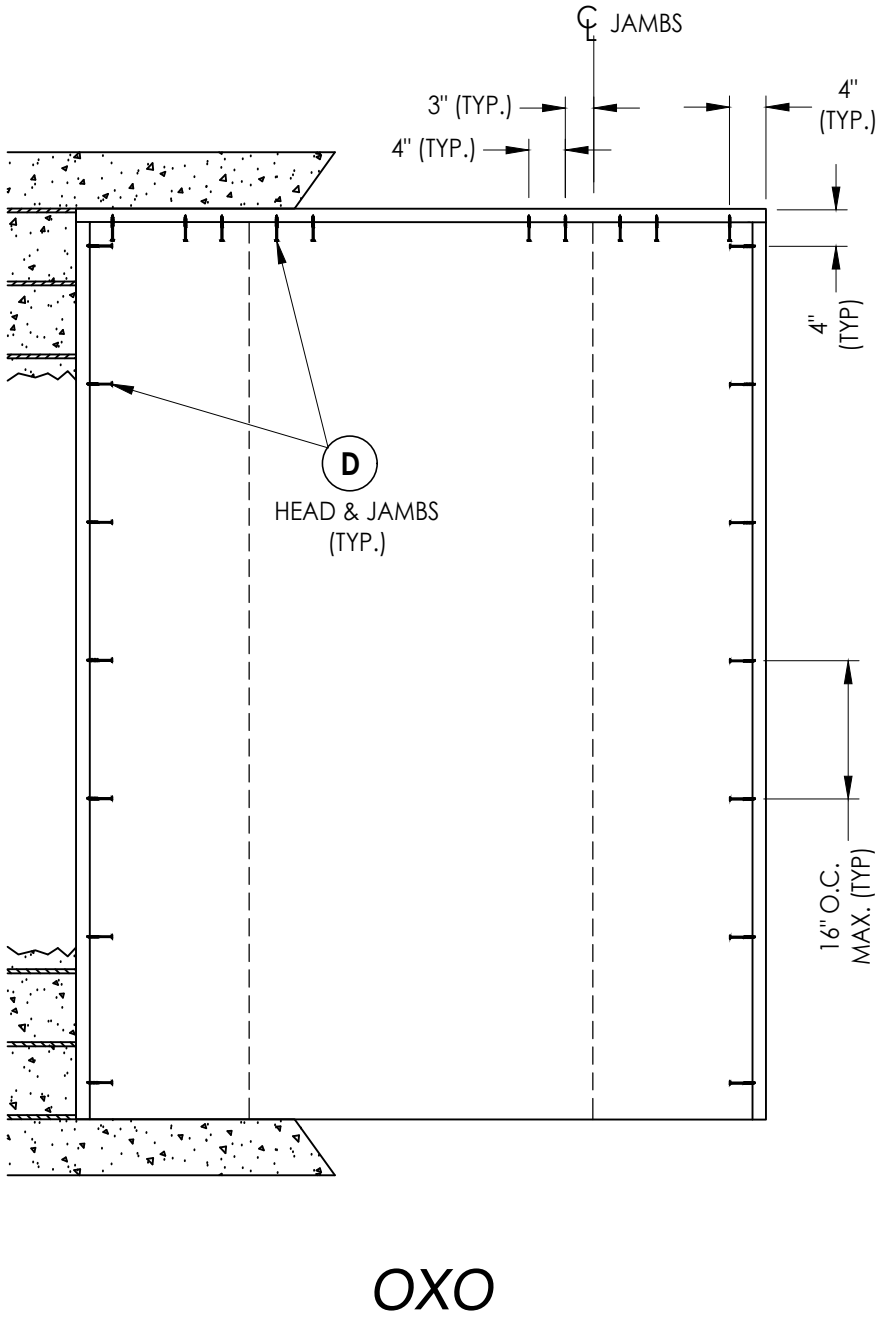
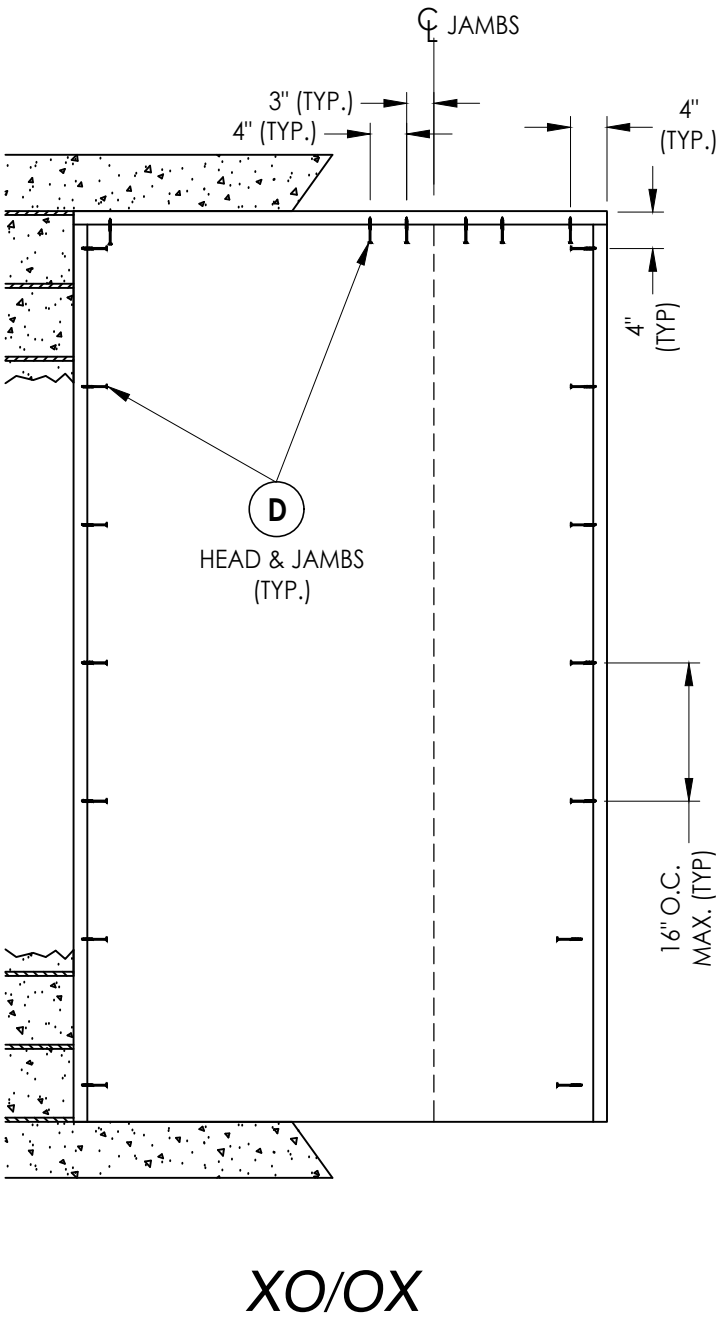
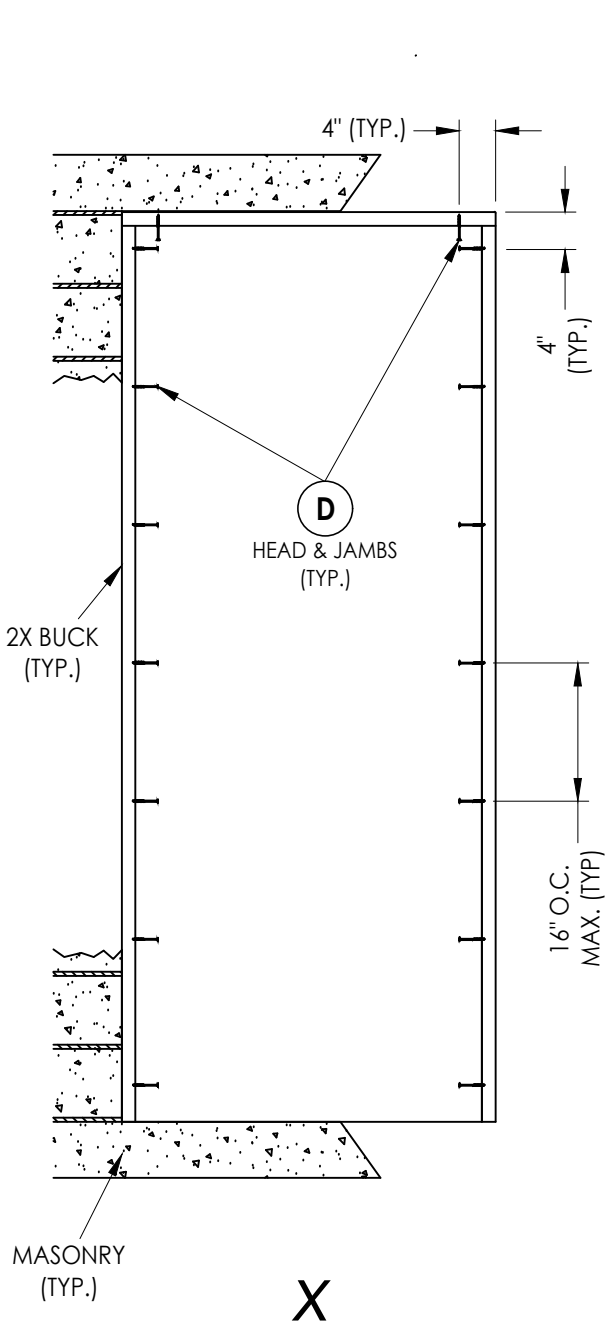
2
9 **VERTICAL CROSS SECTION**
Inswing sill



4
9 **VERTICAL CROSS SECTION**
Inswing sill

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: GLASSCRAFT DOOR CO.				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				2	9/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
				1	10/9/23	UPDATE TO 8TH ED. (2023)	FBC LFS
				NO.	DATE		BY
				REVISIONS			
DATE: 8/25/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-39764.3							
SHEET 9 OF 13							

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R5\FL-39764.3.dwg



XO/OX

OXO

2X BUCK ANCHORING

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39764.3

SHEET 10 OF 13

PRODUCT: GLASSCRAFT DOOR CO.

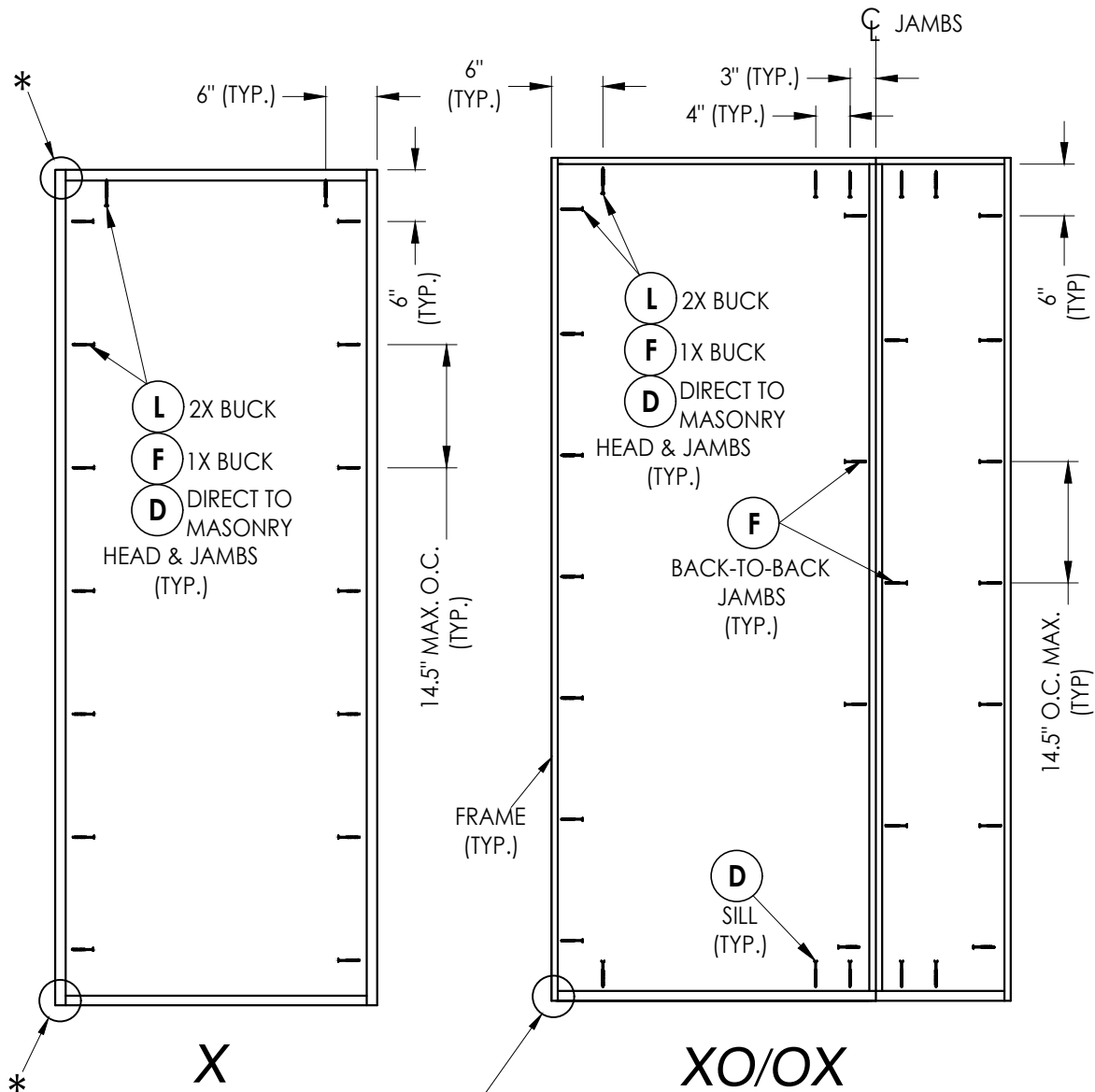
PART OR ASSEMBLY: BUCK ANCHORING

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

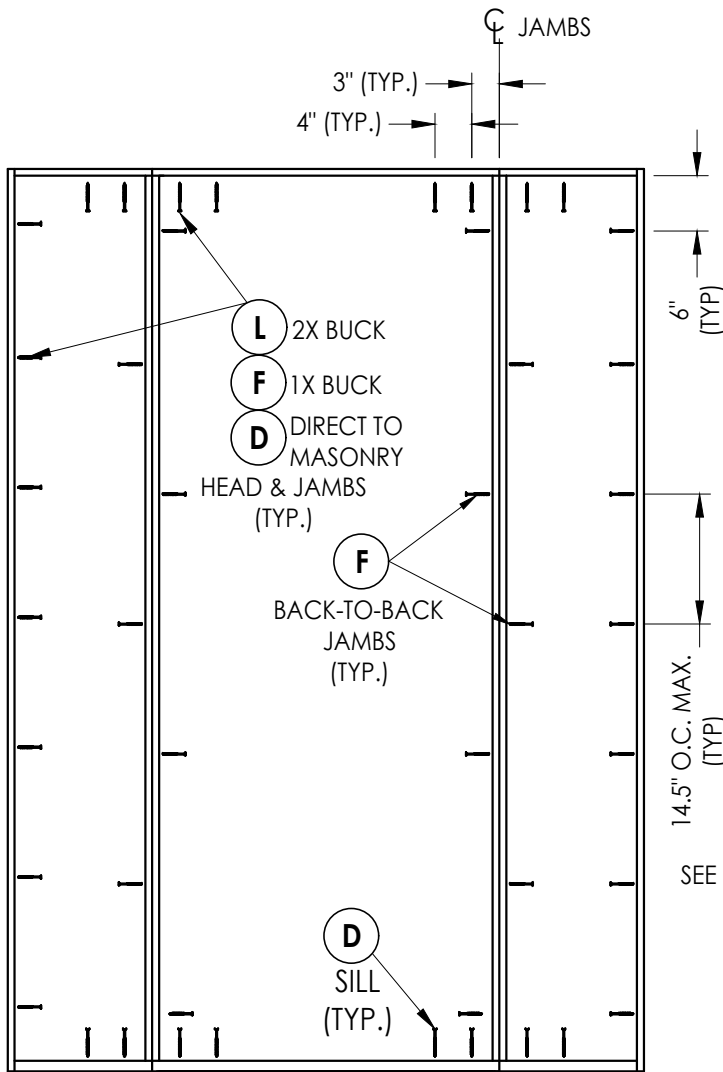
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

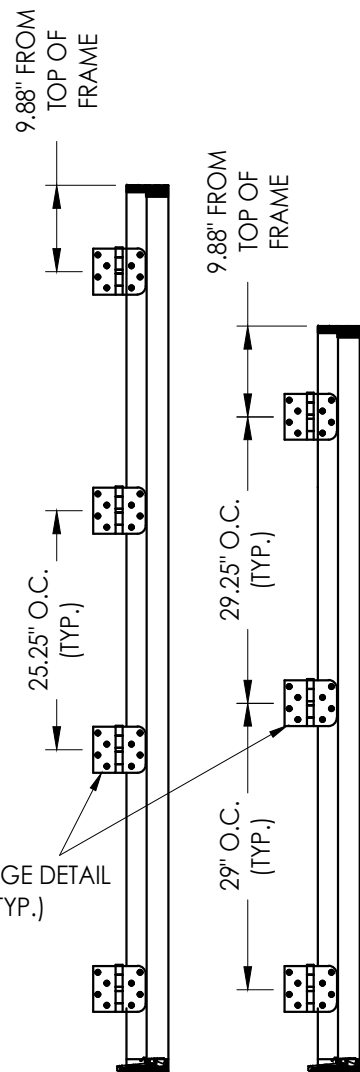
* NOTE: FRAME CORNERS ATTACHED w/ (3)
#9 X 3" DECK SCREWS @ HEAD & SILL (TYP.).



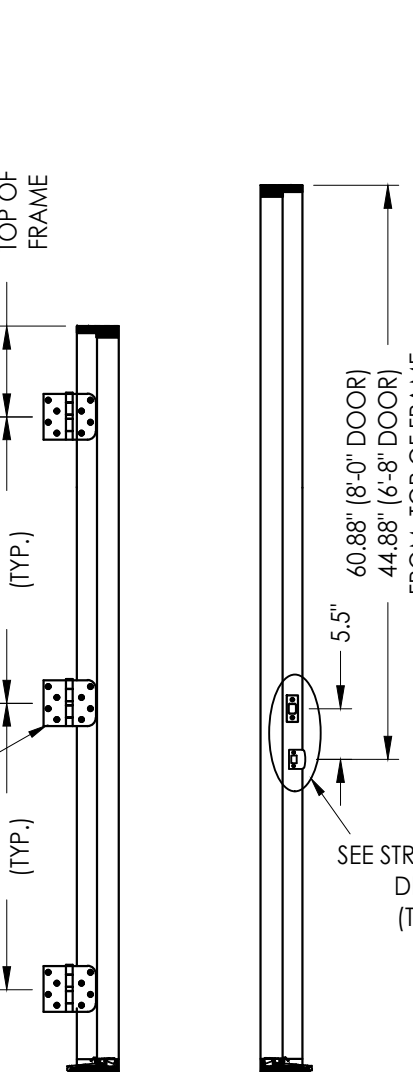
XO/OX



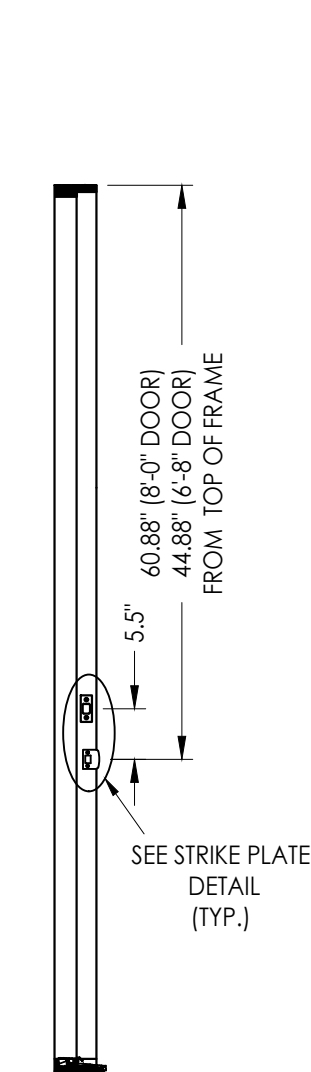
OXO



HINGE JAMB
8'-0" DOOR



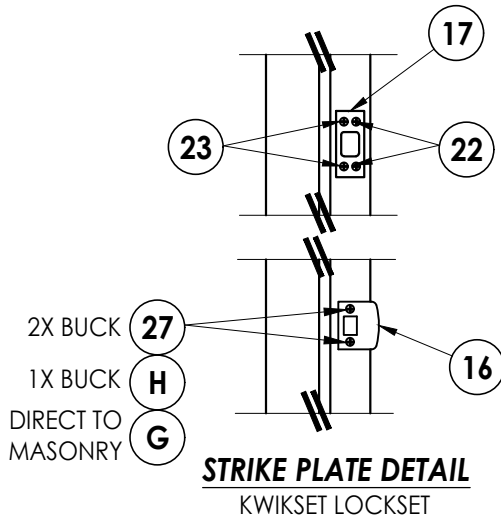
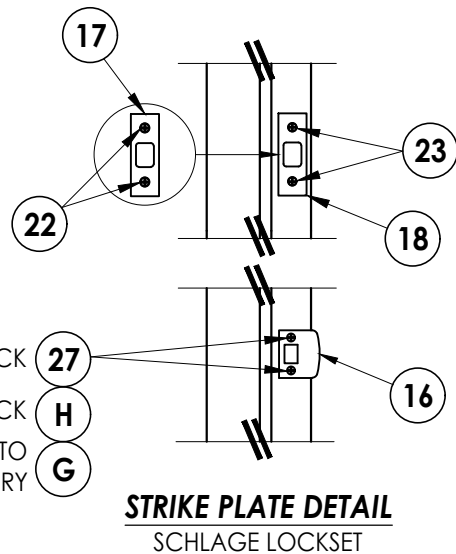
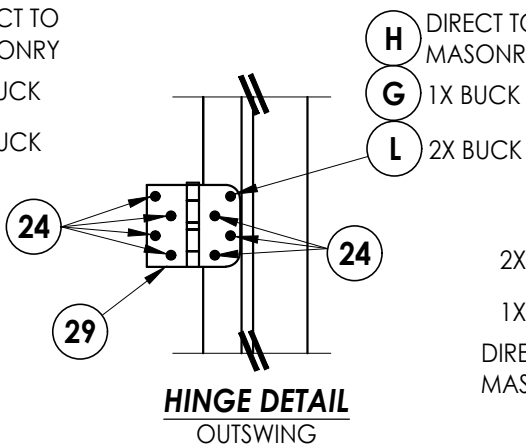
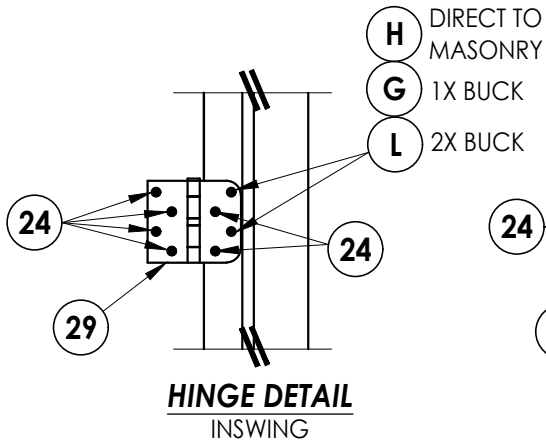
HINGE JAMB
6'-8" DOOR



STRIKE JAMB

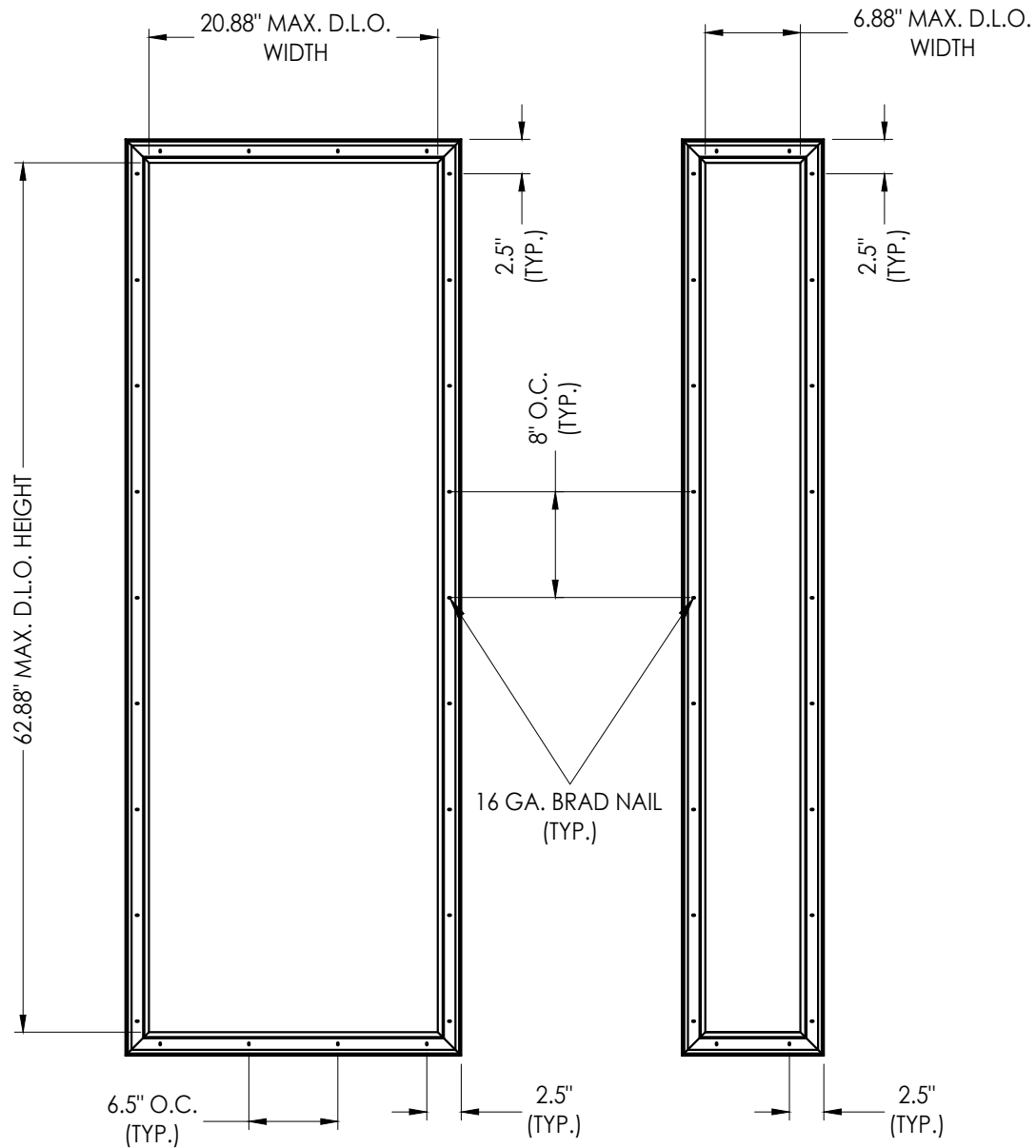
OPTIONAL 1-1/2" PVC JAMB BOOT
ATTACHED TO JAMB & TO SILL w/ (3)
#9 X 3" FH DECK SCREWS EACH (TYP.)

FRAME ANCHORING



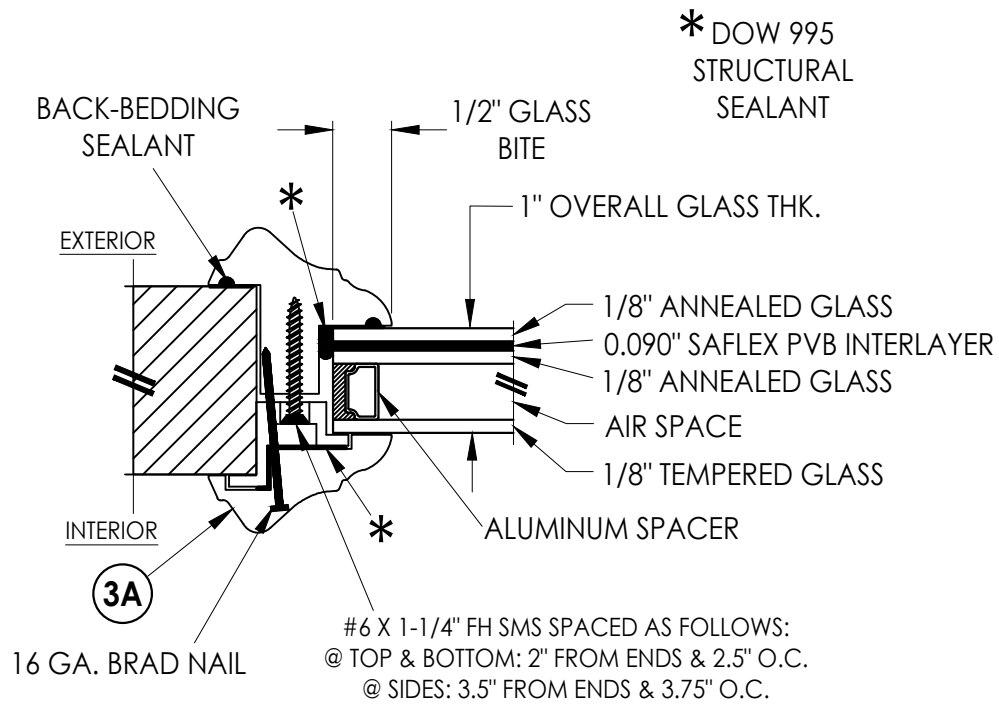
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: FRAME ANCHORING	
		LFS	BY
		FBC	
2	9/01/26	UPDATE TO 9TH ED. (2026)	
1	10/9/23	UPDATE TO 8TH ED. (2023)	
NO.	DATE	REVISIONS	
DATE: 8/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39764.3			
SHEET 11 OF 13			

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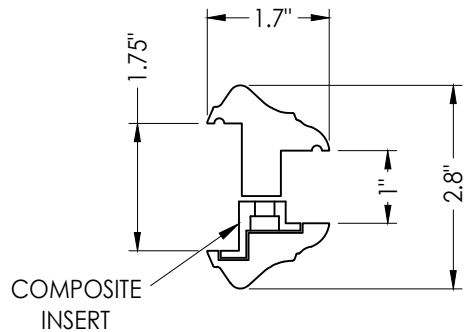


DOOR LITE FRAME

SIDELITE LITE FRAME



G1 GLAZING DETAIL



3A GLASSCRAFT LITE FRAME
EXTRUDED PVC

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: GLASSCRAFT DOOR CO.		PART OR ASSEMBLY: LITE FRAME & GLAZING DETAILS	
		LFS	BY
		FBC	
2	9/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	10/9/23	UPDATE TO 8TH ED. (2023)	FBC
NO.	DATE		
REVISIONS			
DATE: 8/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39764.3			
SHEET 12 OF 13			

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
18	DEADBOLT SUB-STRIKE PLATE	STEEL
22	#8 X 1/2" PFH WOOD SCREW	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	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	-

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.

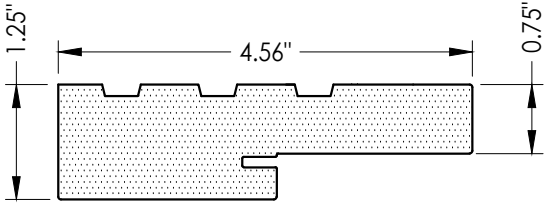
CONCRETE ANCHOR NOTES:

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:

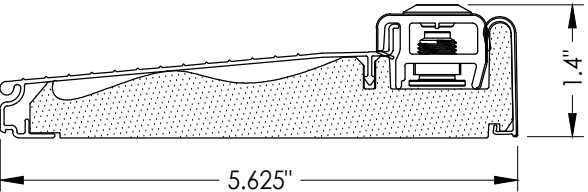
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

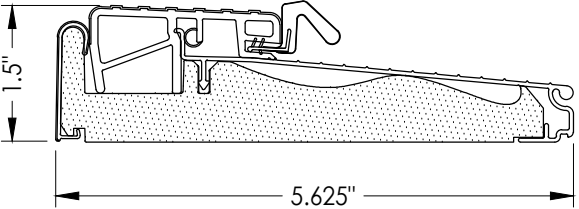
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



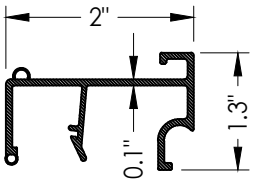
1 COMPOSITE JAMB



11 INSWING THRESHOLD



13 OUTSWING THRESHOLD



12 INSWING SIDELITE ADAPTER

[illegible]