

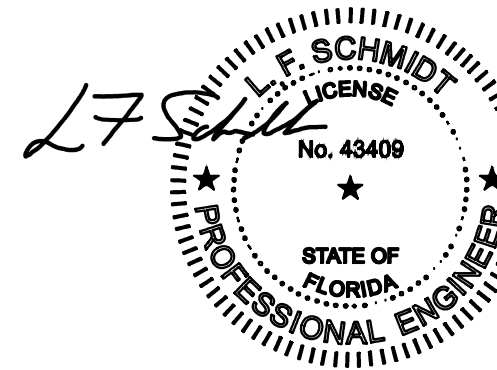


**GLAZED FIBERGLASS
SINGLE DOOR
w/ or w/out SIDELITE(S)
INSWING / OUTSWING
"NON-IMPACT"**

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.

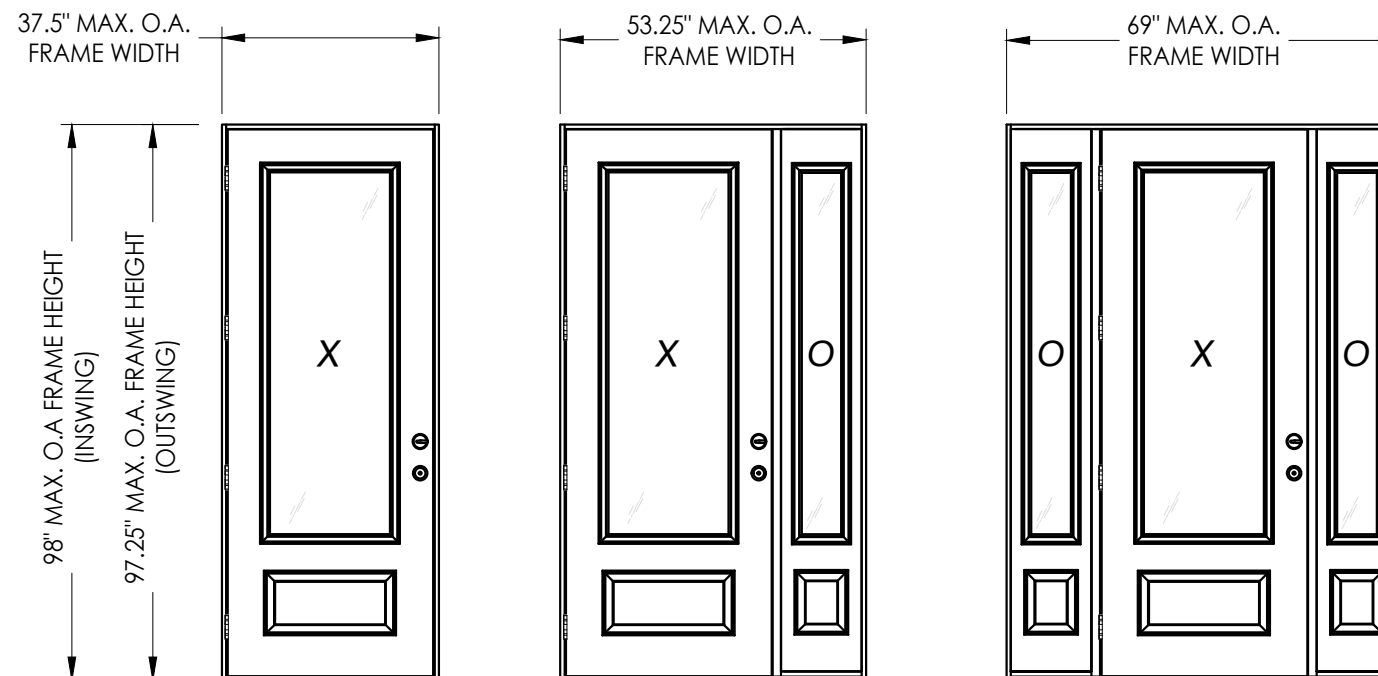
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal Cross Sections
2	Door Panel Details	9	Vertical Cross Sections
3	Sidelite Panel Details	10	Buck Anchoring
4	Elevations	11	Frame Anchoring
5	Horizontal & Vertical Cross Sections (2X Buck)	12	Life 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: 2023.10.09
12:53:59 -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



Continuous Head & Sill

Continuous Head & Sill

CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+45.0	-50.0	+45.0	-45.0
OX, XO, OXO	+40.0	-50.0	+40.0	-40.0

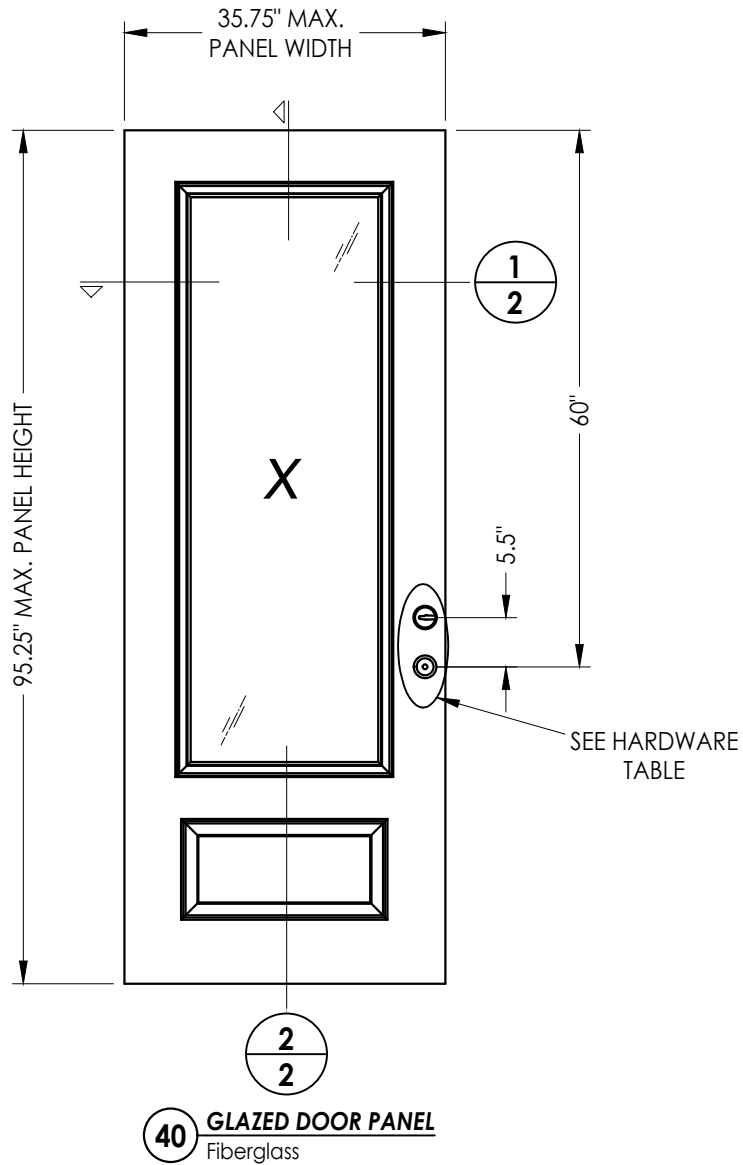
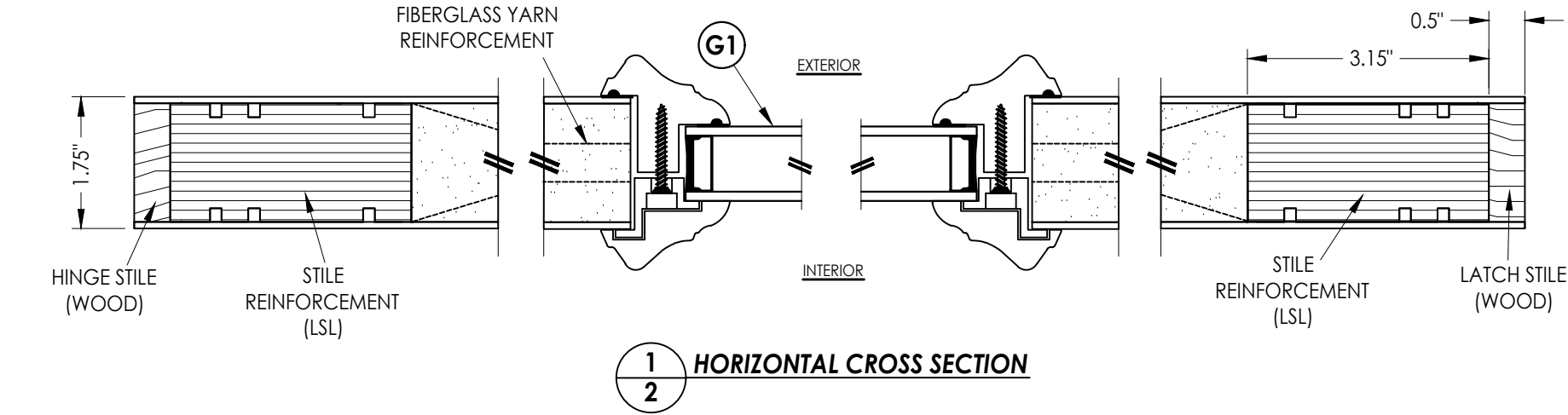
[illegible]

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

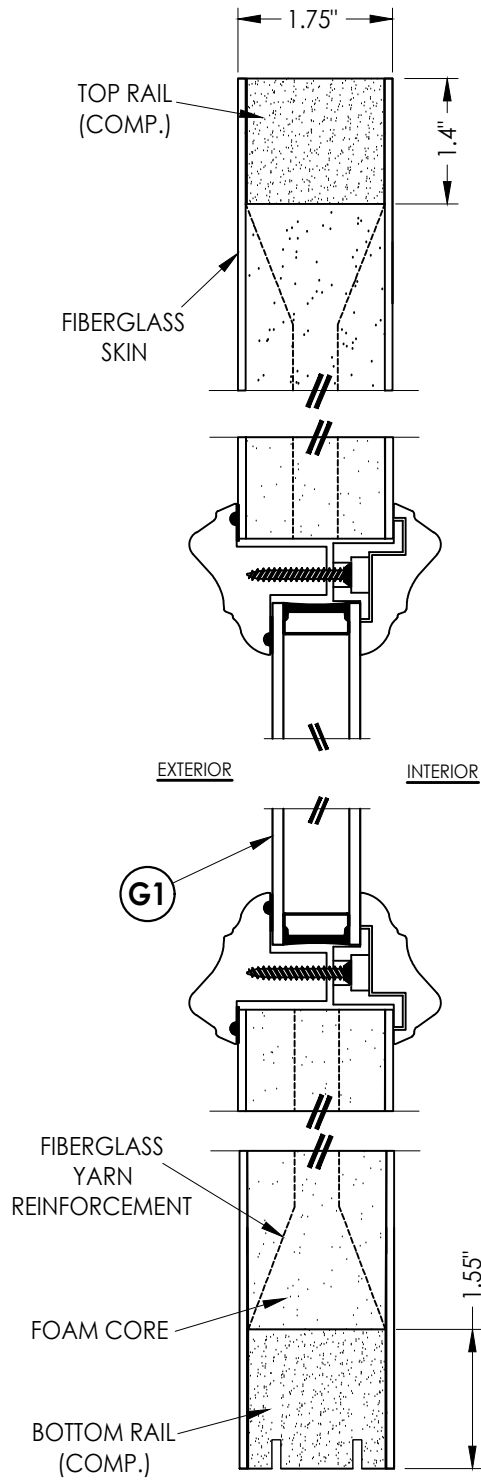
© 2021 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.1.dwg



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



DATE: 8/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.1
SHEET 2 OF 13

PRODUCT: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY: DOOR PANEL DETAILS

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

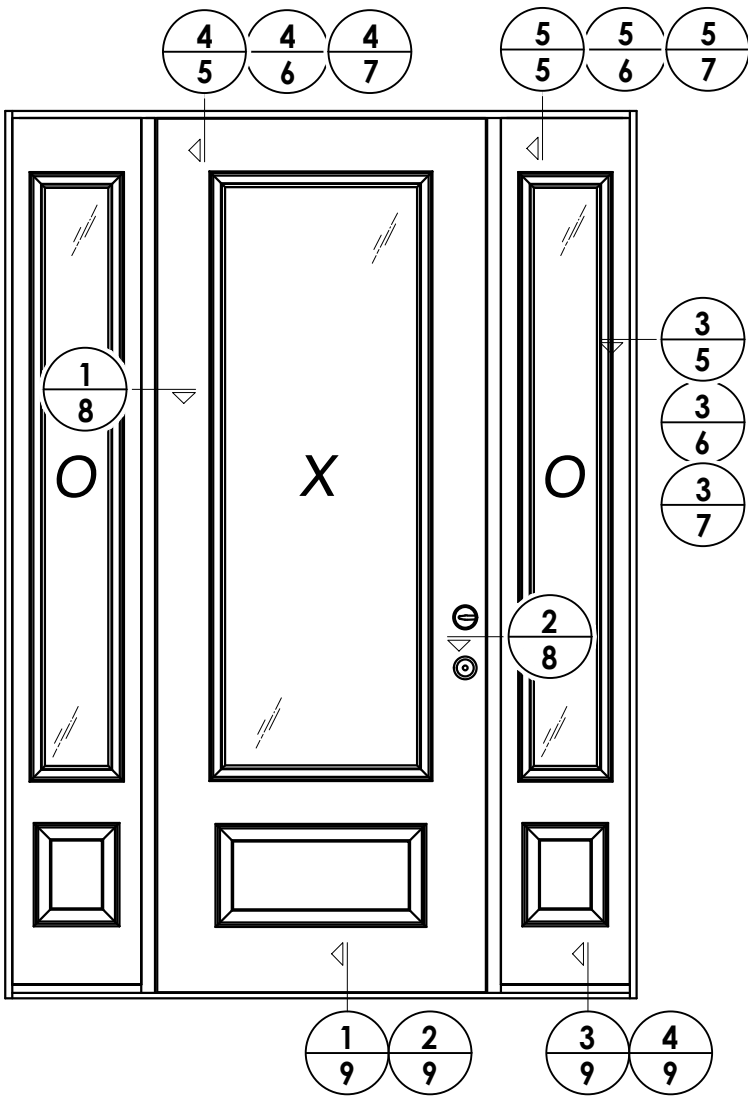
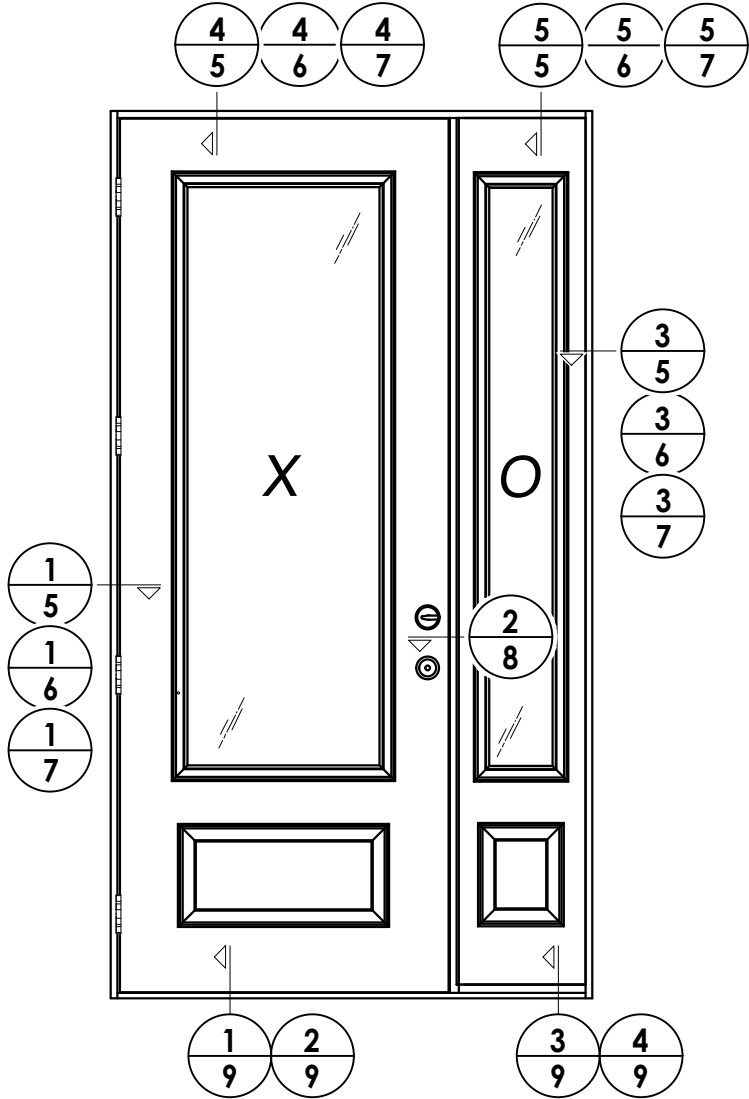
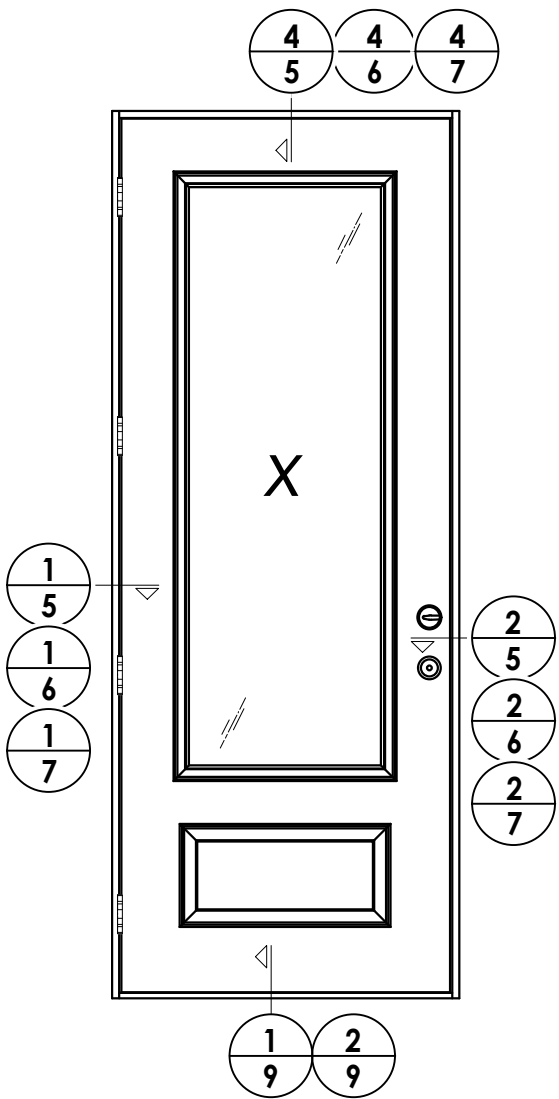
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No: 813.659.9197
FBPE Registry No. 9813



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



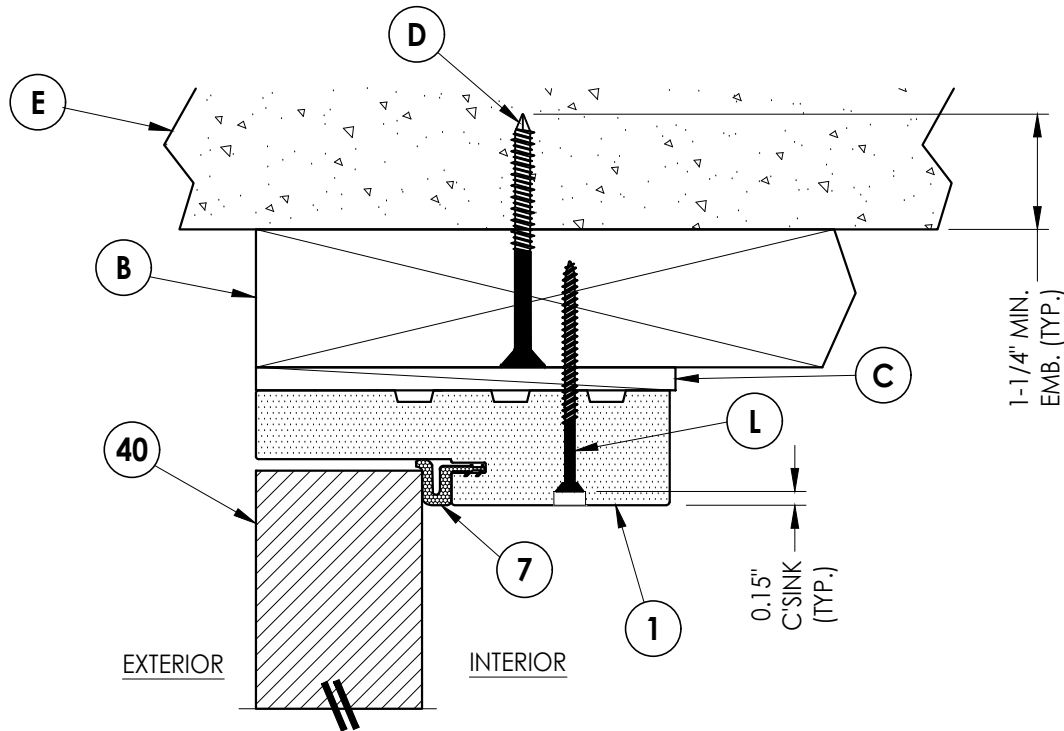
DATE: 8/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.1
SHEET 4 OF 13

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

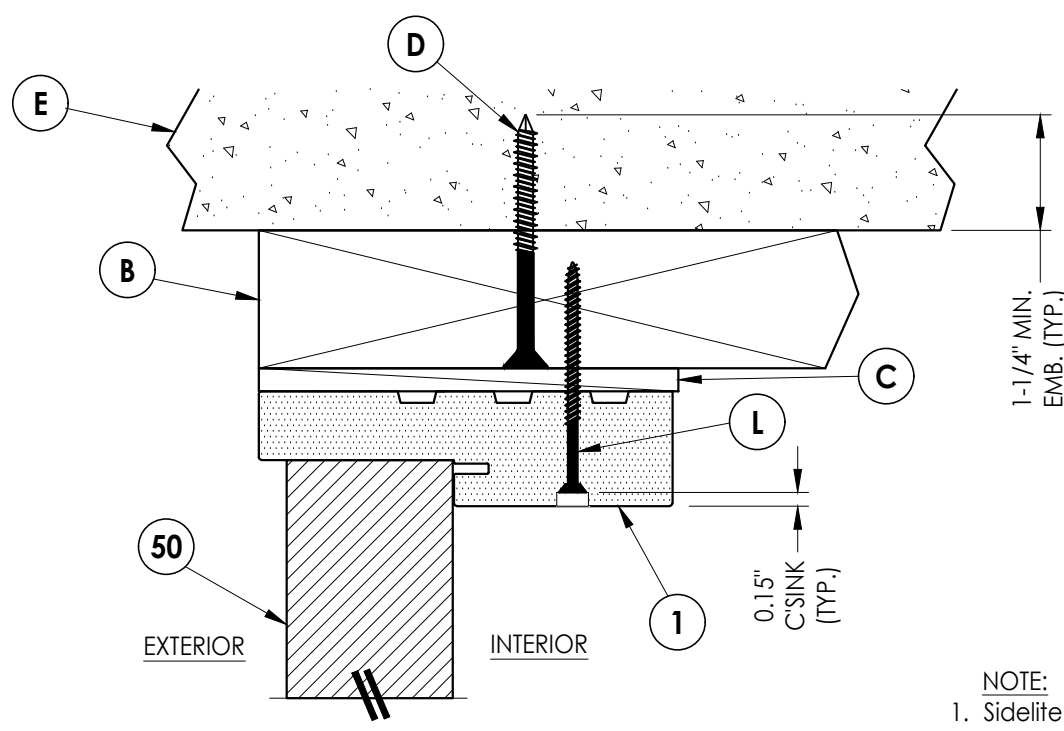
PRODUCT: GLASSCRAFT DOOR CO.
PART OR ASSEMBLY: ELEVATIONS

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 R2\FL-39764.1.dwg

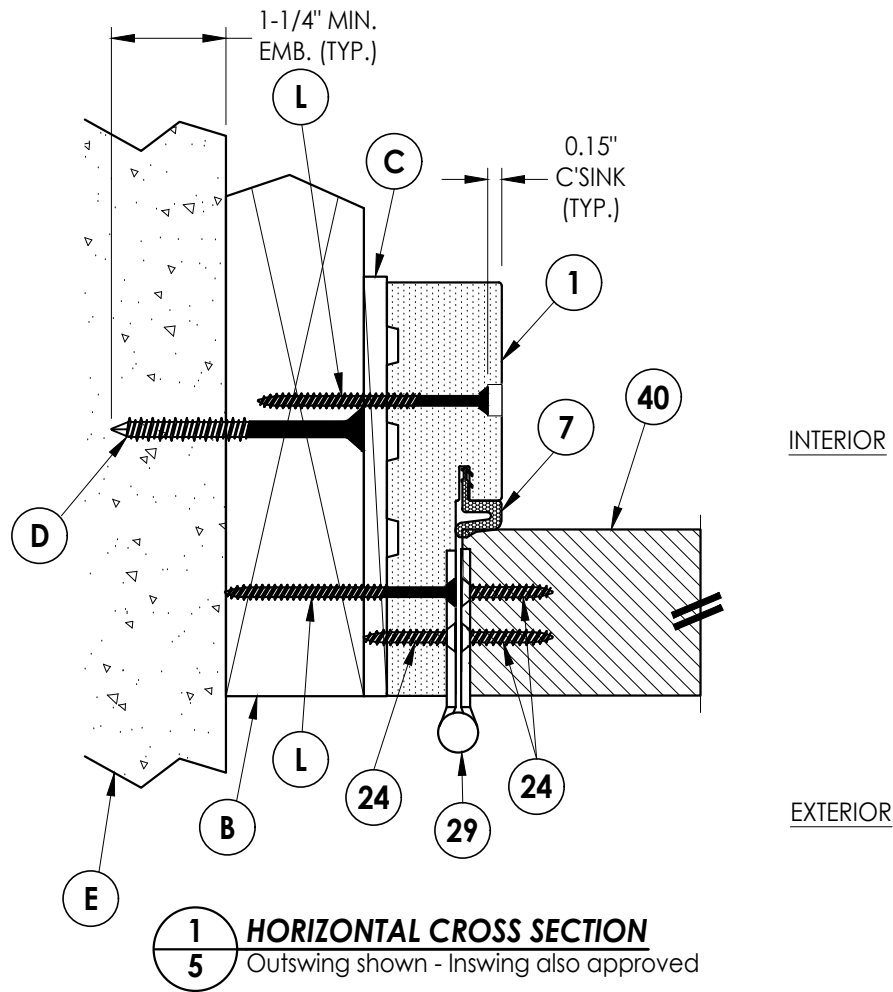


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

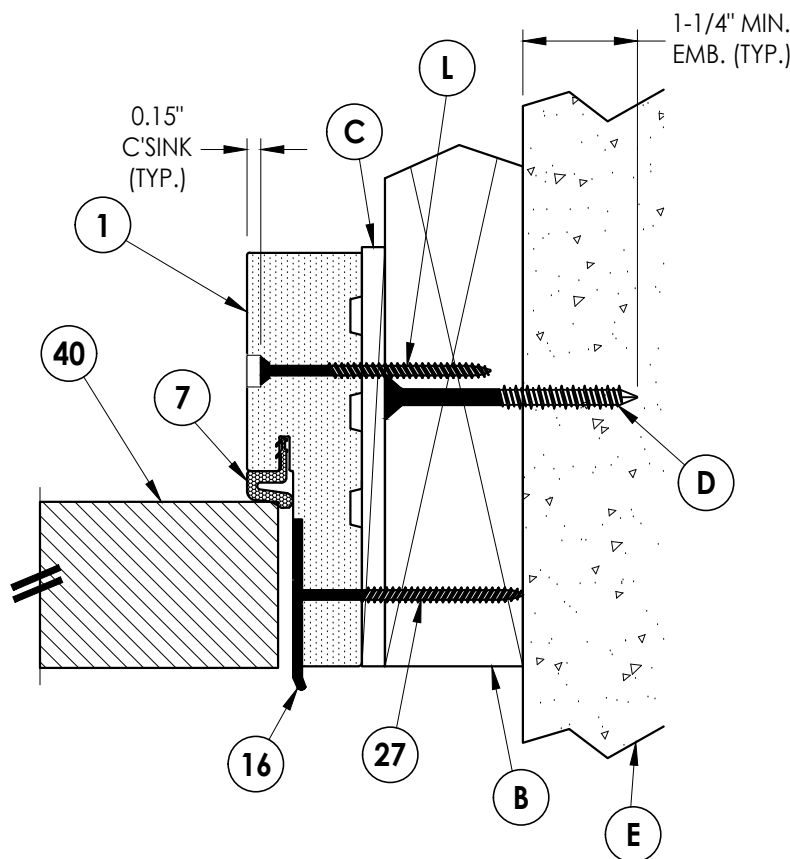


5 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

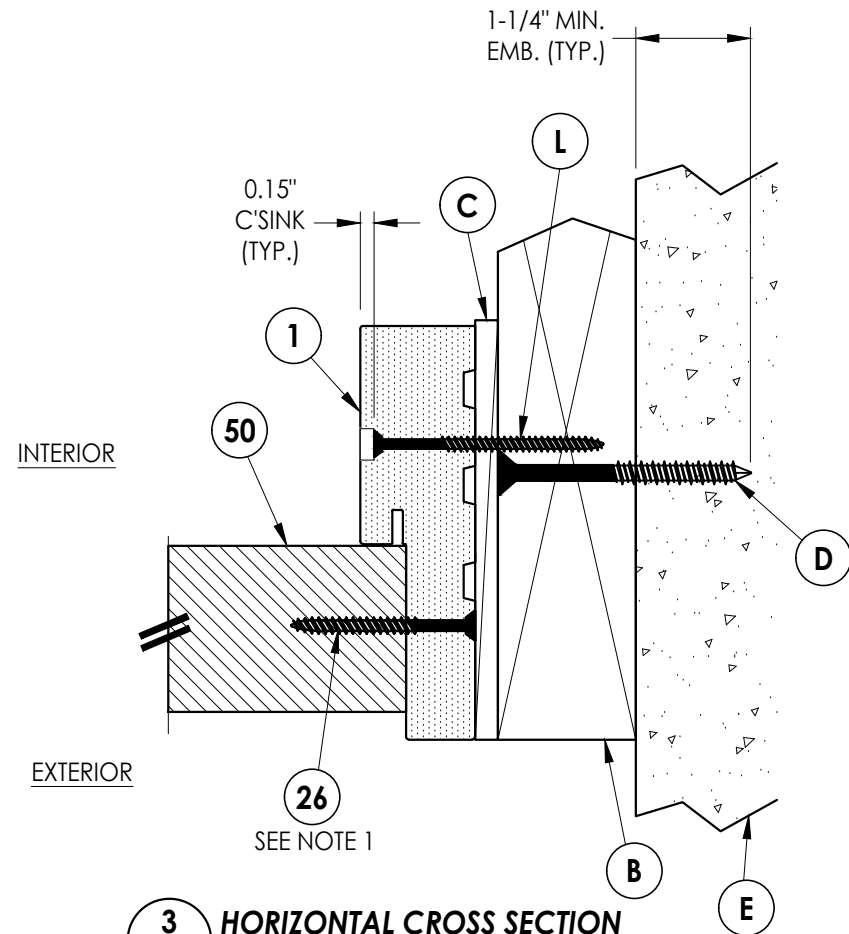
NOTE:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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

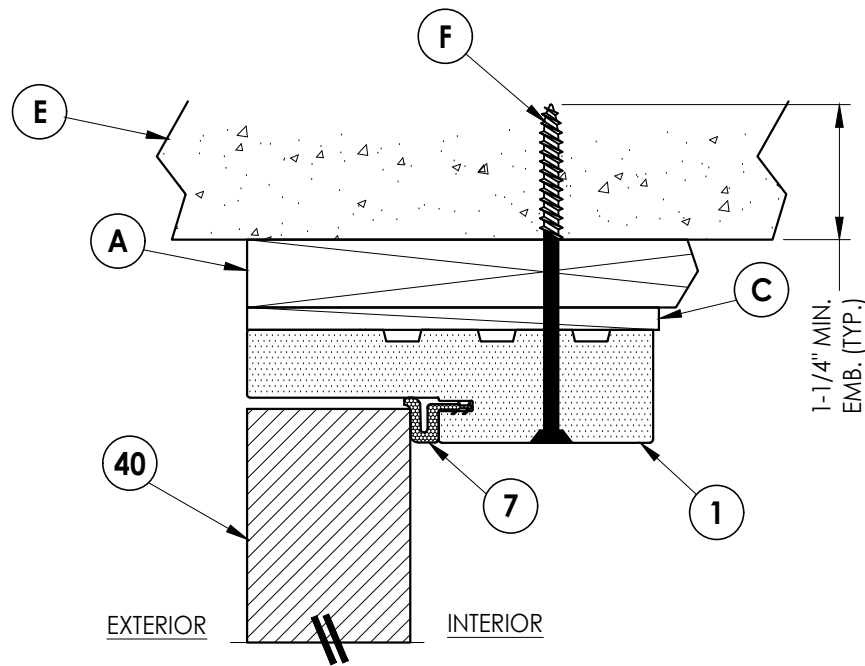
PRODUCT: GLASSCRAFT DOOR CO.

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

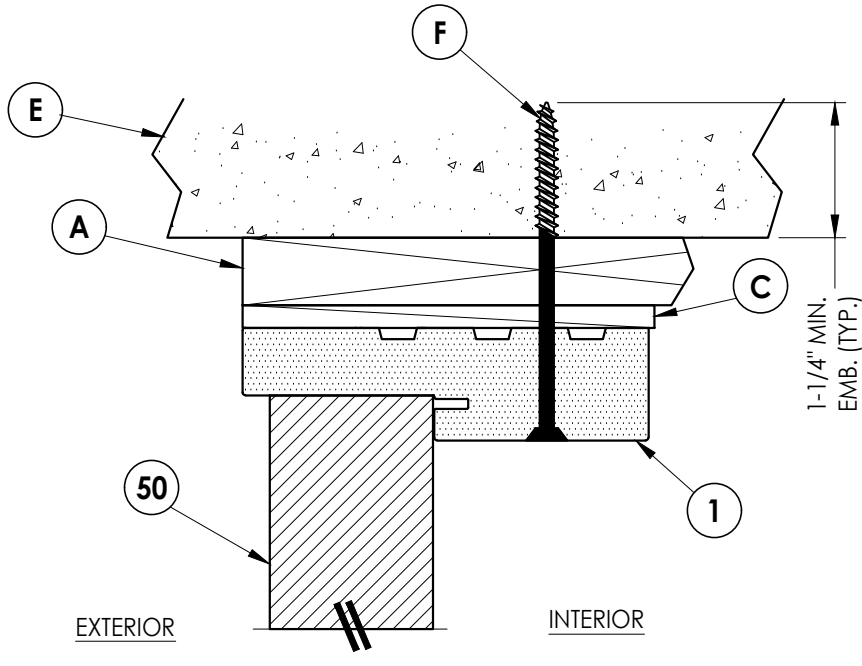
NO.	DATE	REVISIONS
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 8/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.1
SHEET 5 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.1.dwg

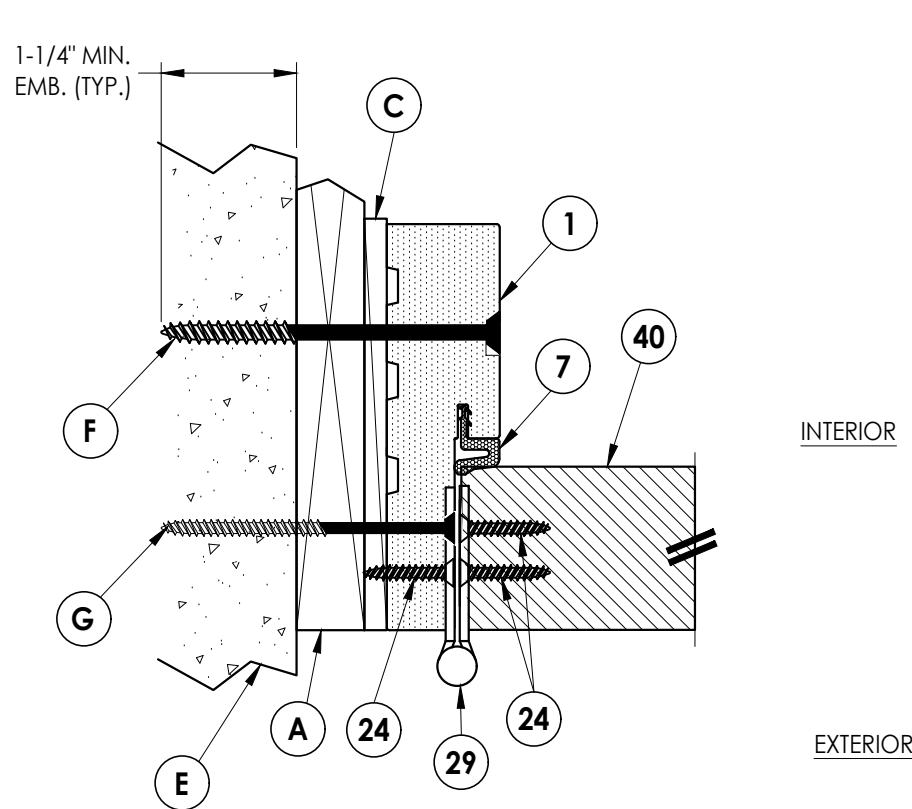


4 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

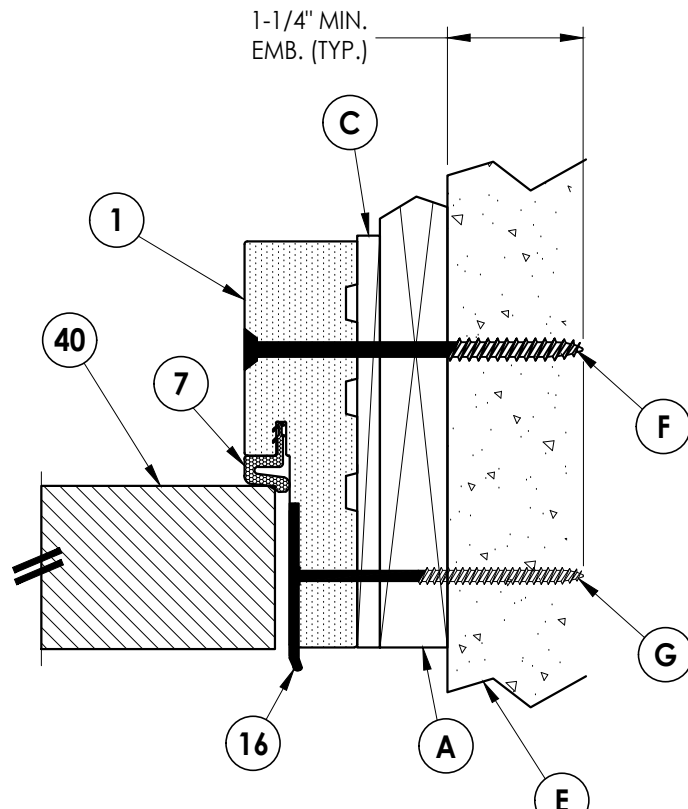


5 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

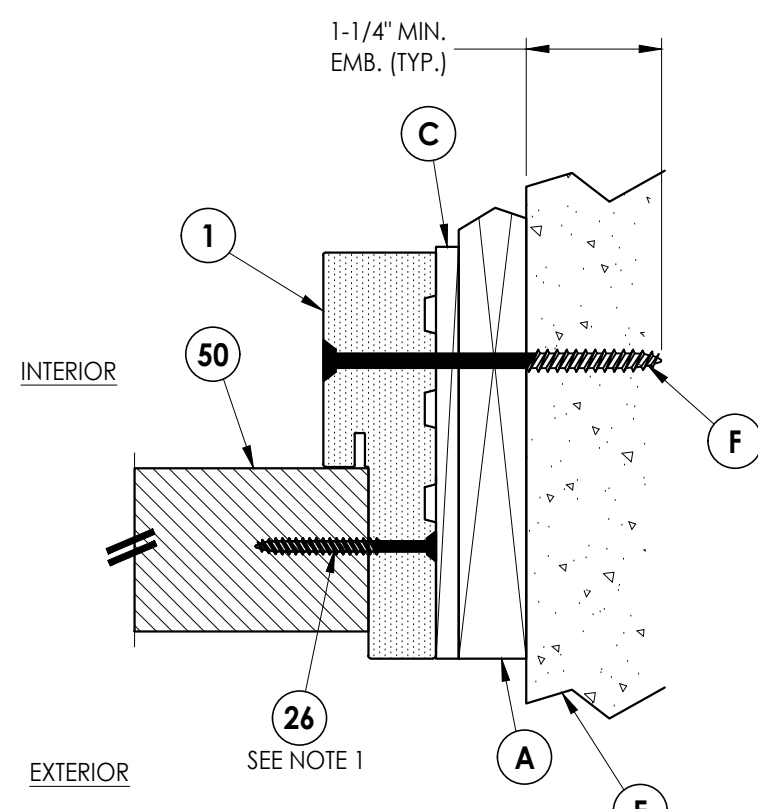
NOTE:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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

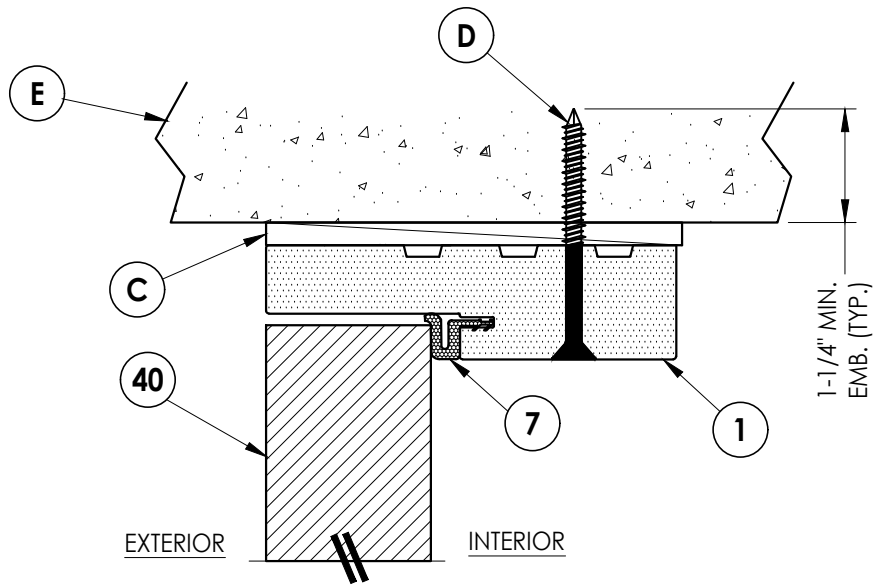
PRODUCT: GLASSCRAFT DOOR CO.

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

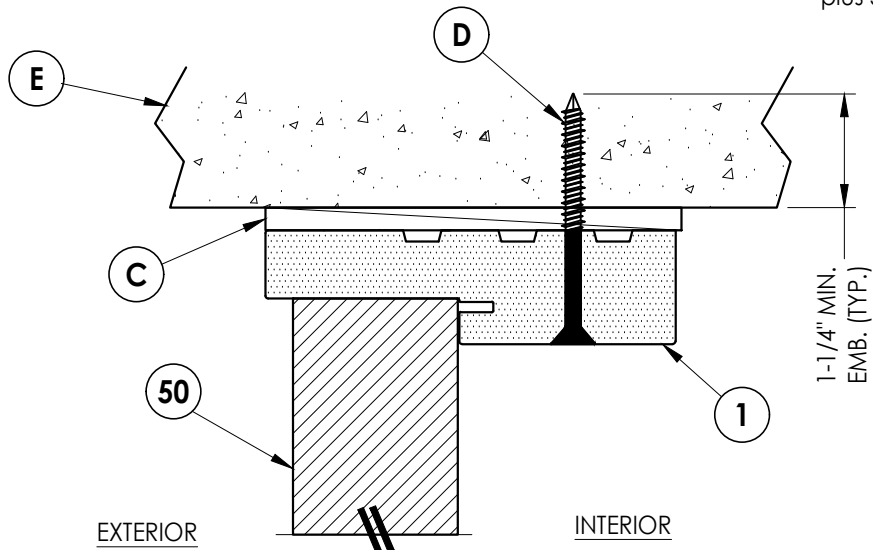
NO.	DATE	DESCRIPTION	BY	DATE
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC	LFS	

DATE: 8/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.1
SHEET 6 OF 13

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.1.dwg

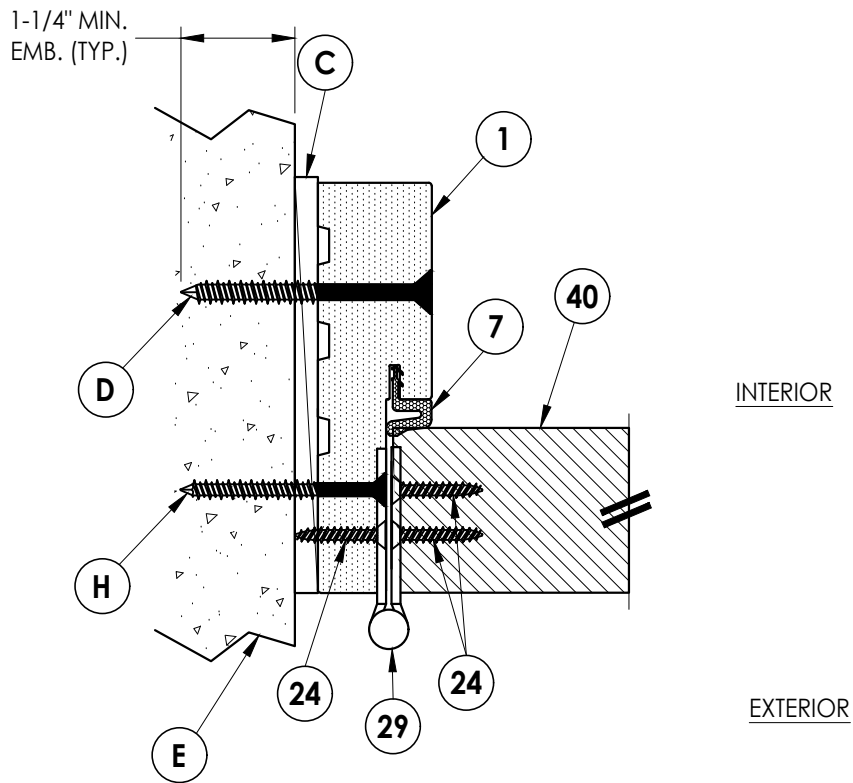


4
7 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved

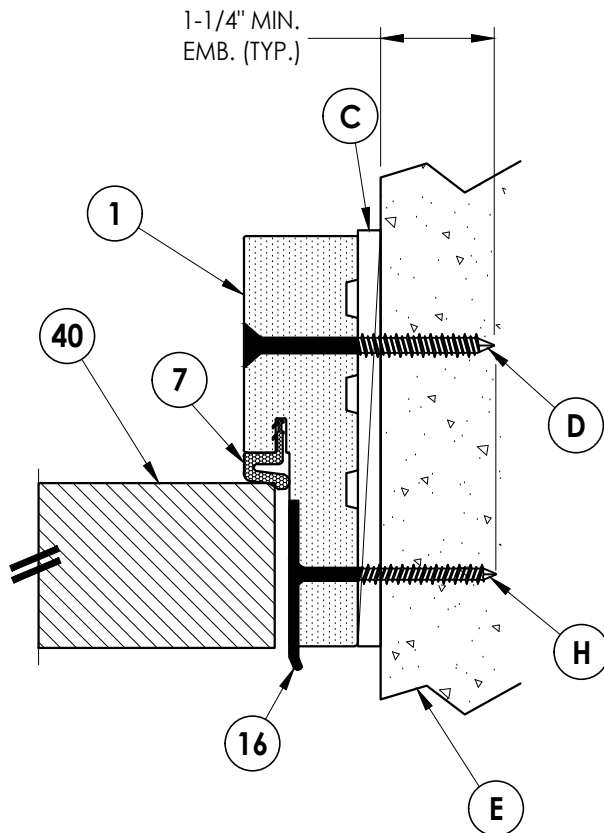


5
7 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved

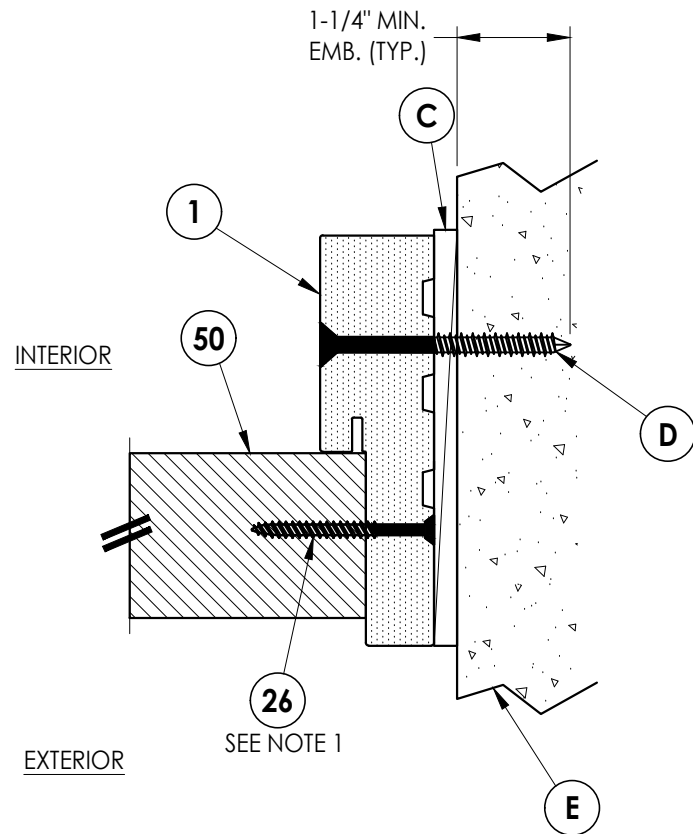
NOTE:
1. Sidelite panel screws located 6" from each end plus 5 more equally spaced (7 screws total).



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
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-39764.1

SHEET 7 OF 13

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

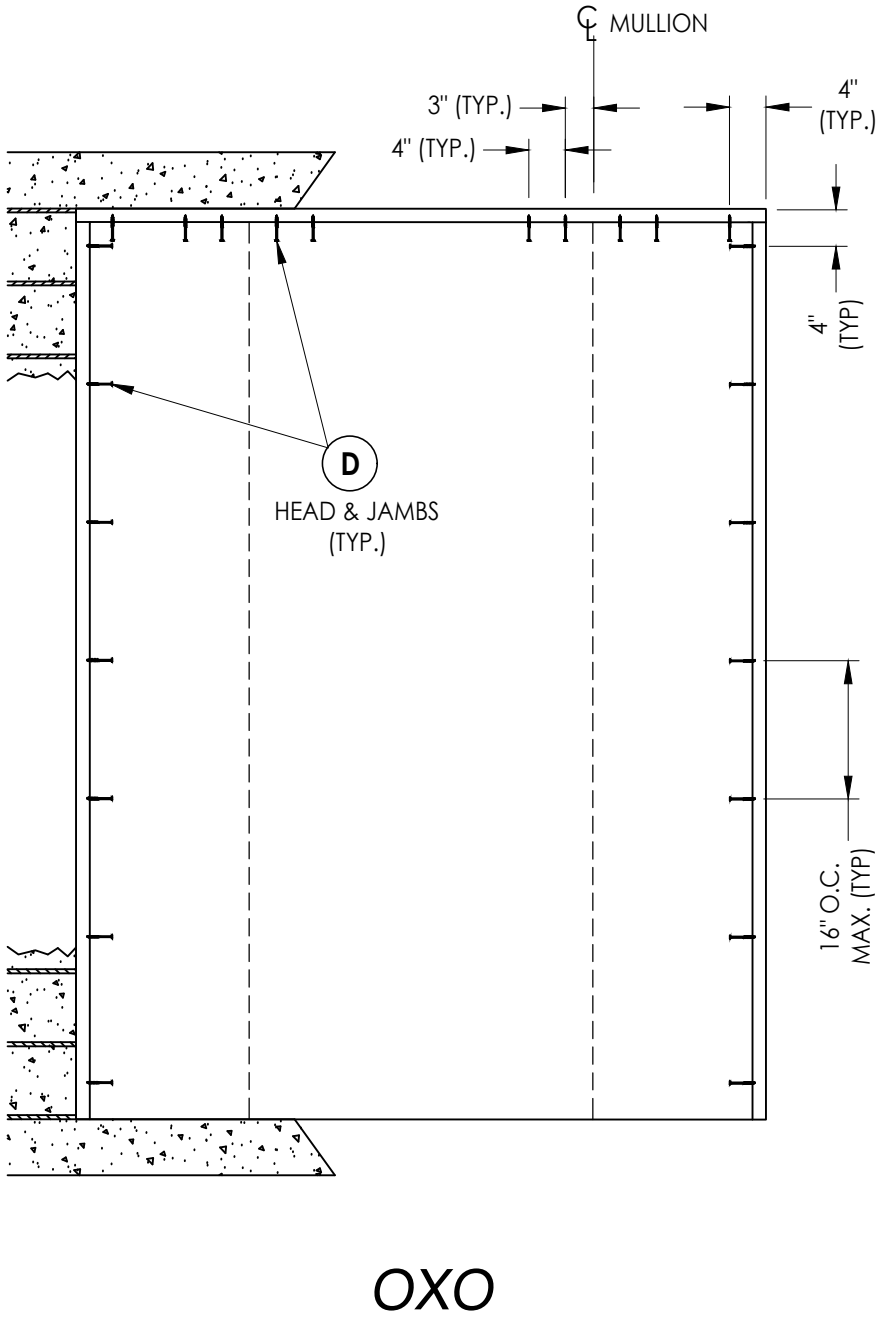
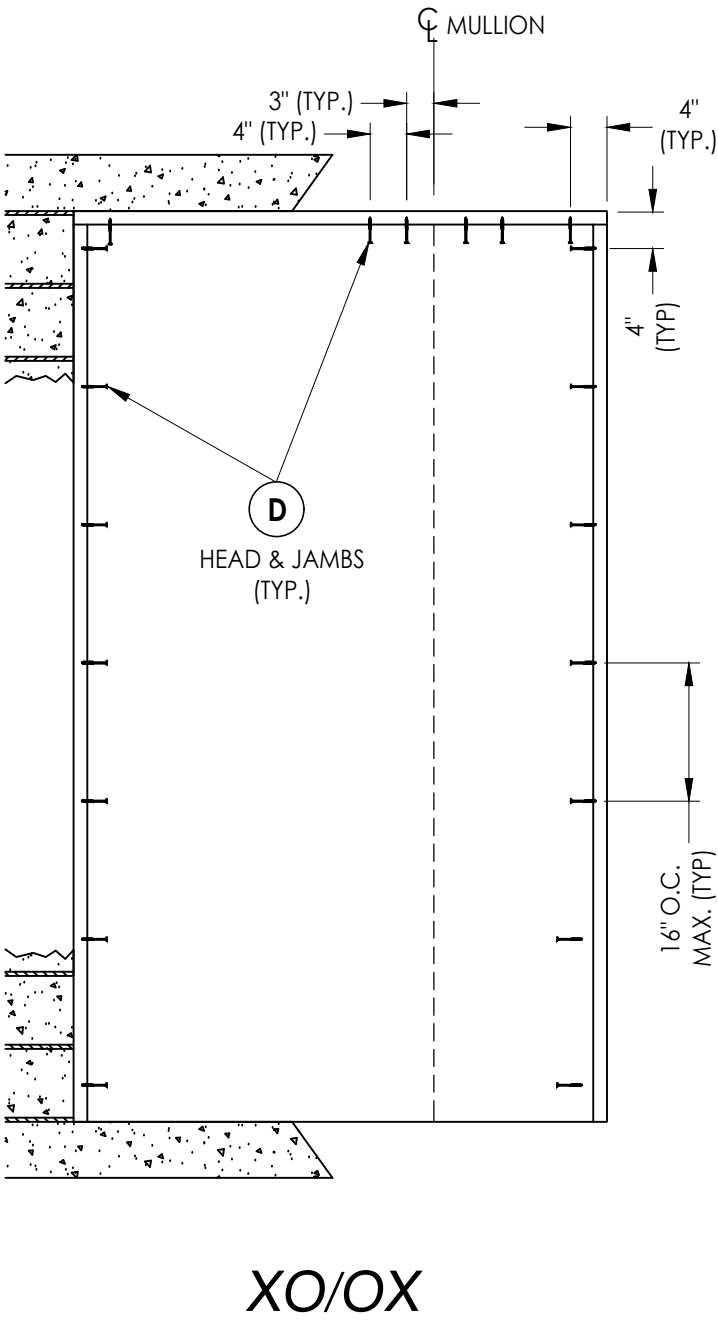
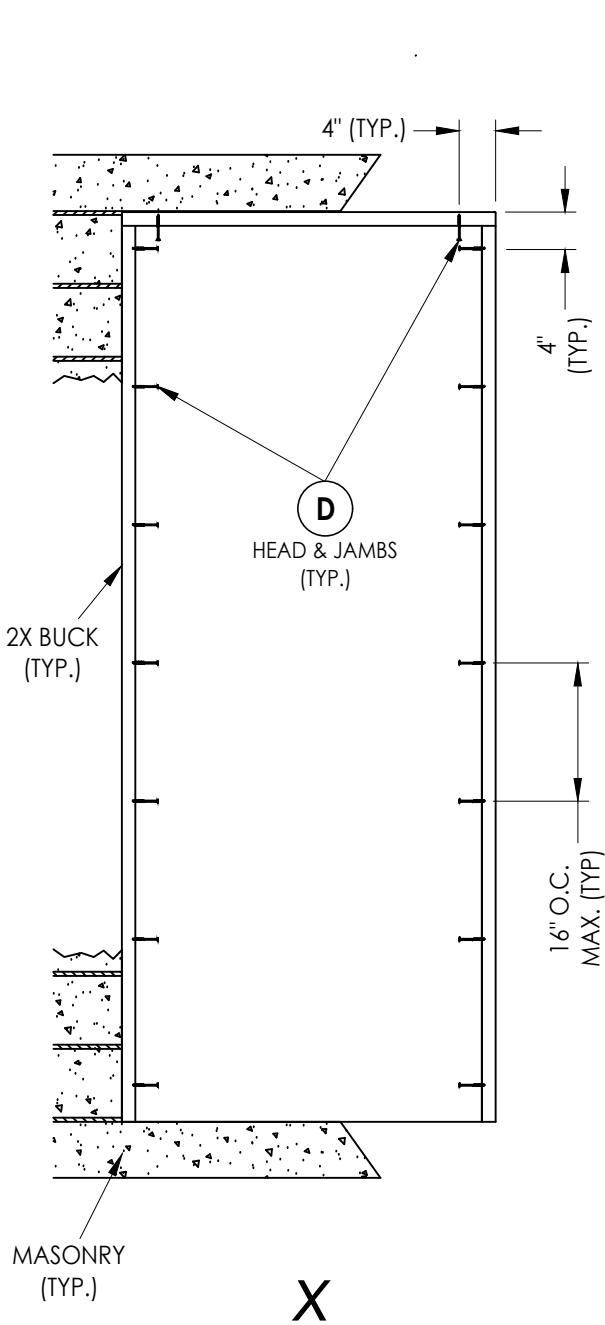


EXTERIOR

[illegible]

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 R2\FL-39764.1.dwg



2X BUCK ANCHORING

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

DATE: 8/25/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.1
SHEET 10 OF 13

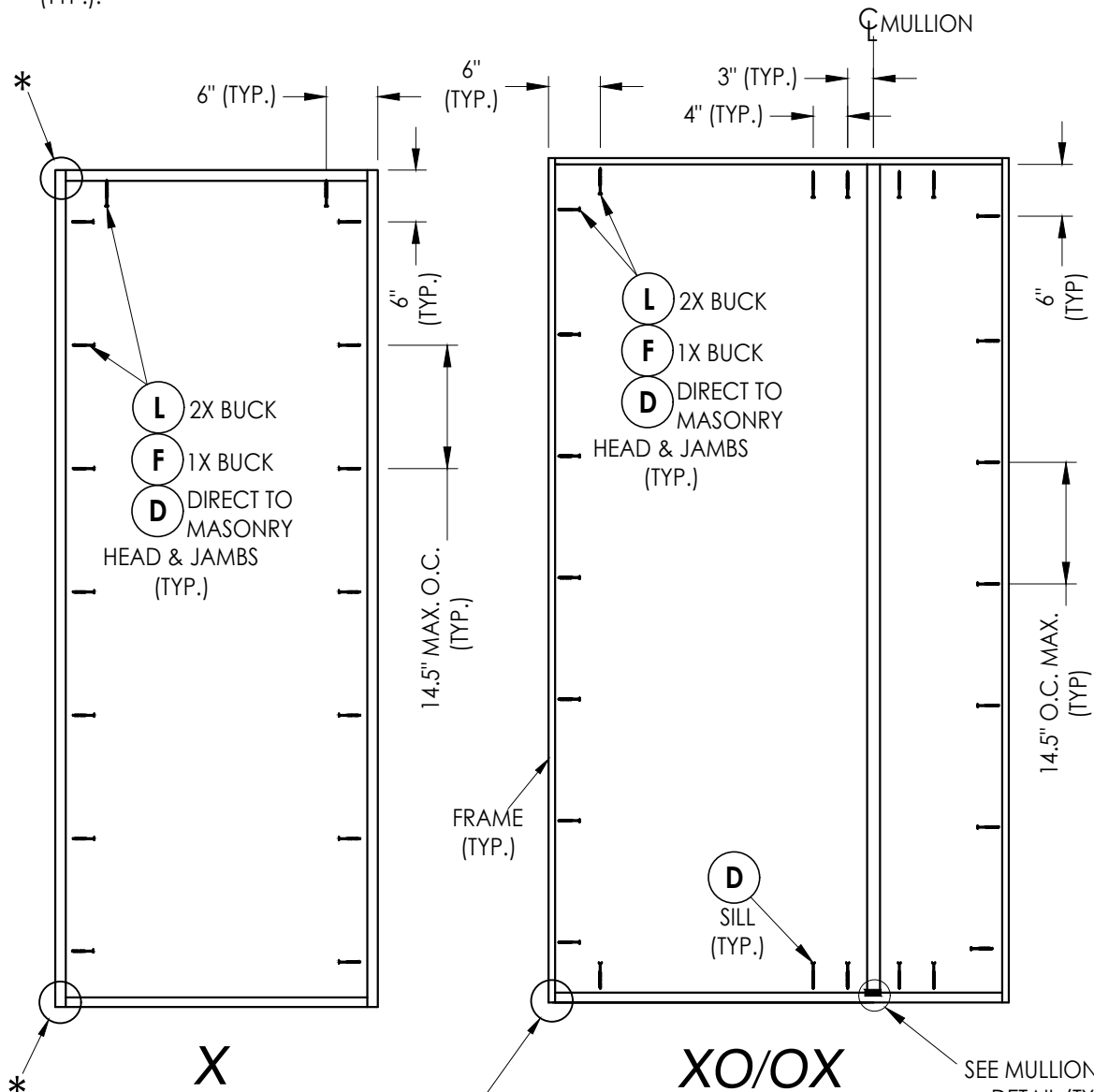
PRODUCT:	GLASSCRAFT DOOR CO.
PART OR ASSEMBLY:	BUCK ANCHORING

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

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.1.dwg

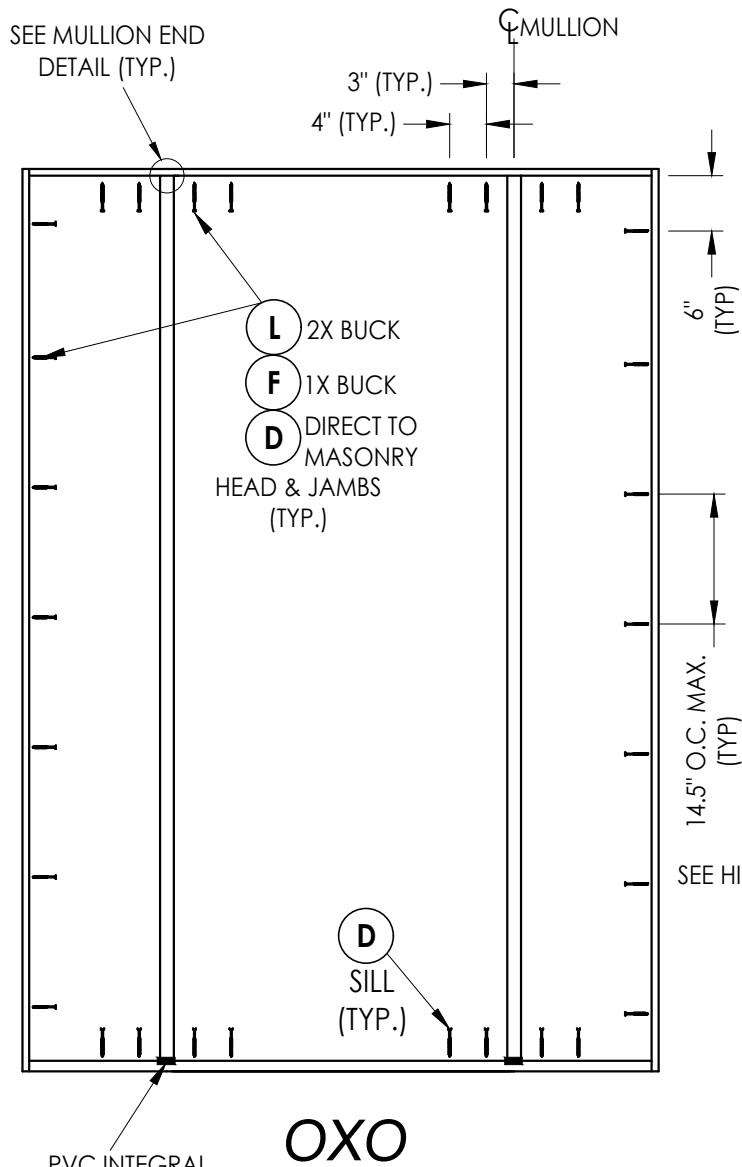
* NOTE: FRAME CORNERS ATTACHED w/ (3)
#9 X 3" FH DECK SCREWS @ HEAD & SILL
(TYP.).



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

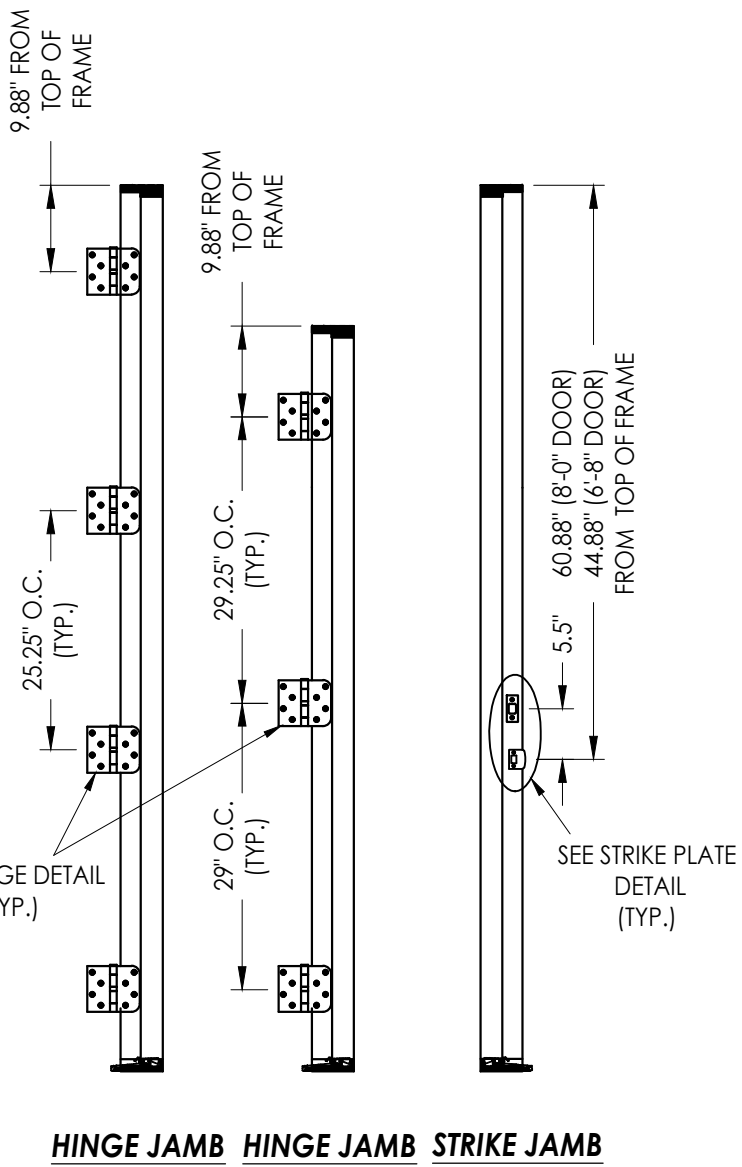
XO/OX

SEE MULLION END
DETAIL (TYP.)

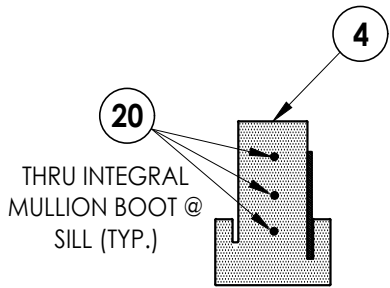


PVC INTEGRAL
MULLION BOOT
@ SILL (TYP.)

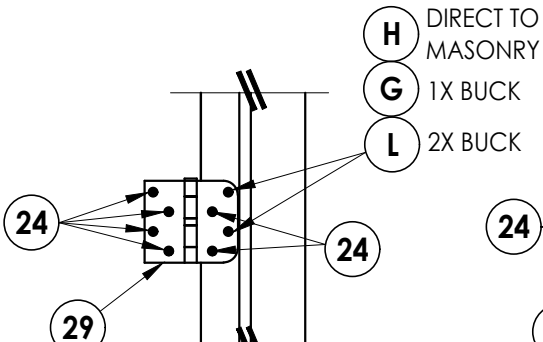
OXO



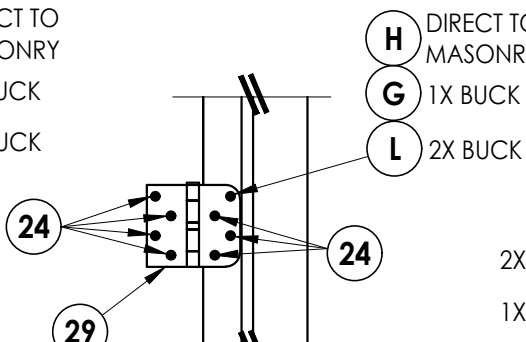
FRAME ANCHORING



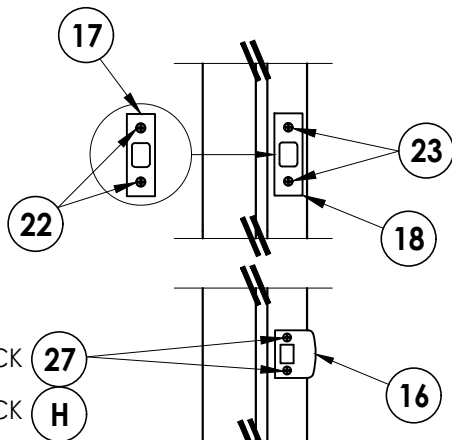
MULLION END DETAIL
@ HEAD & SILL



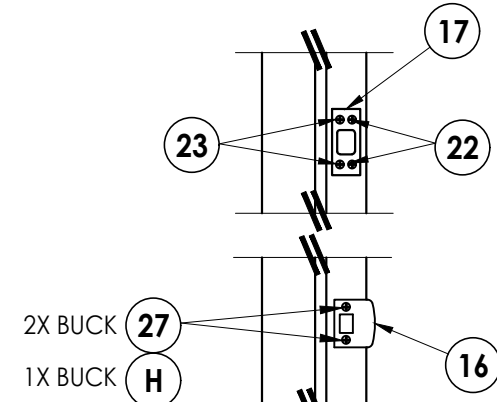
HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING



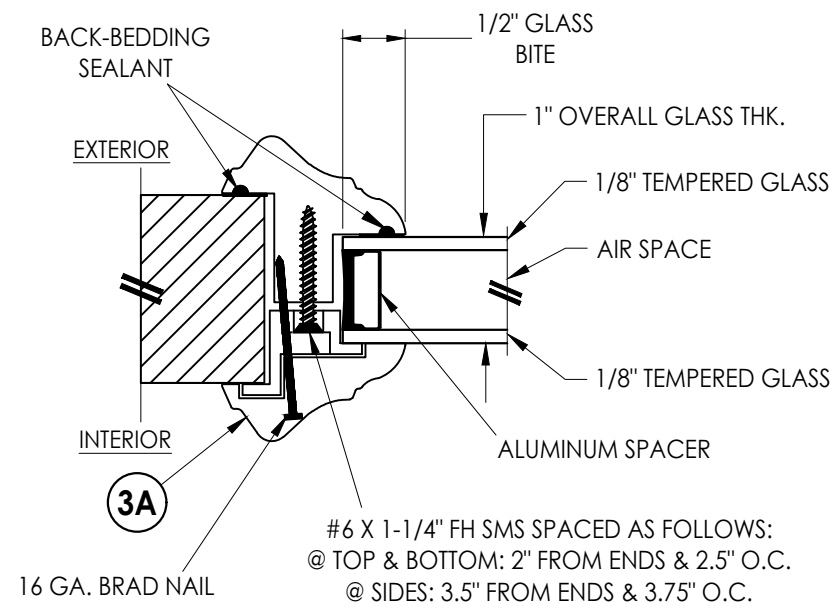
STRIKE PLATE DETAIL
SCHLAGE LOCKSET



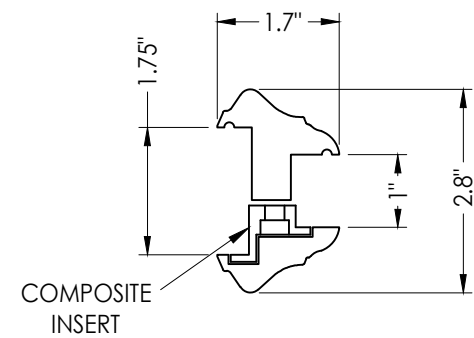
STRIKE PLATE DETAIL
KWIKSET LOCKSET

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	
NO.		DATE	
1		10/9/23	
UPDATE TO 8TH ED. (2023)		FBC	
LFS		BY	
REVISIONS			
DATE: 8/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39764.1			
SHEET 11 OF 13			

SIDELITE LITE FRAME



G1 GLAZING DETAIL



3A GLASSCRAFT LITE FRAME
EXTRUDED PVC

[illegible]

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

R^W 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 R2\FL-39764.1.dwg

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
P	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
4	COMPOSITE MULLION	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
20	#9 X 3" FH COMPOSITE DECK SCREW	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	-

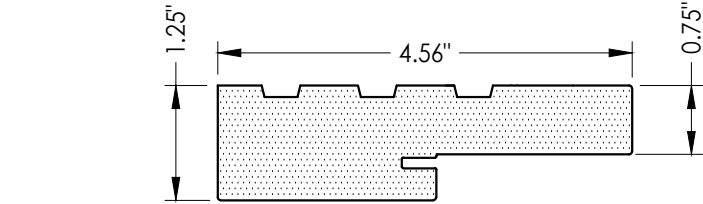
CONCRETE ANCHOR NOTES:

- 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:

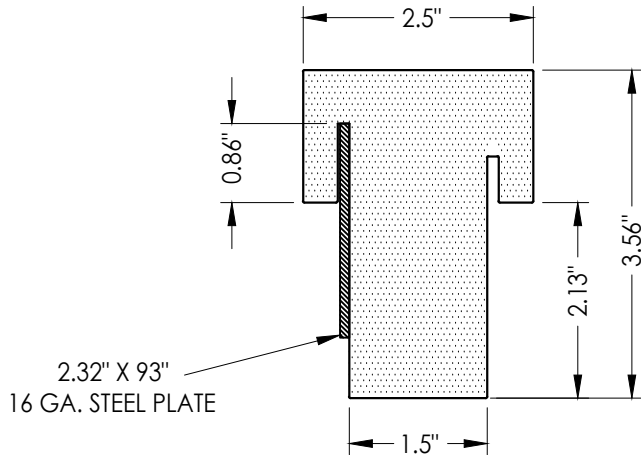
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

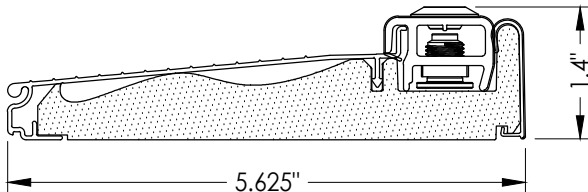
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



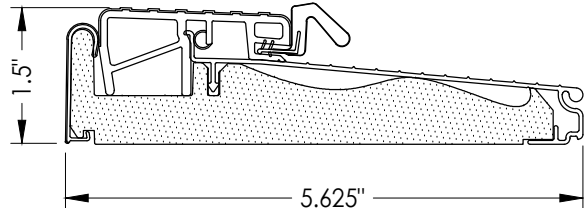
1 COMPOSITE JAMB



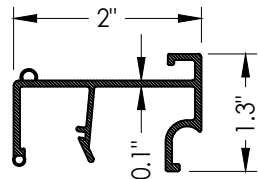
4 COMPOSITE MULLION



11 INSWING THRESHOLD
ENDURA



13 OUTSWING THRESHOLD
ENDURA



12 INSWING SIDELITE ADAPTER
ENDURA

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:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-39764.1

SHEET 13 OF 13