

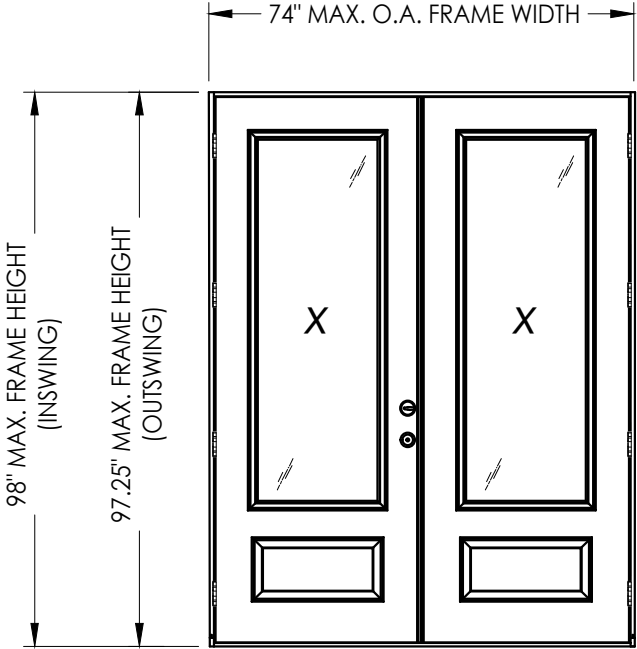


GLAZED FIBERGLASS
DOUBLE DOOR
INSWING / OUTSWING
"NON-IMPACT"

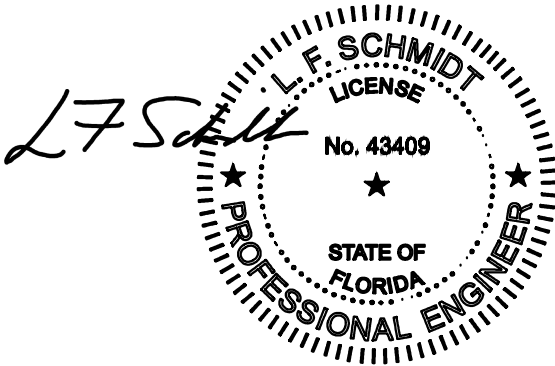
GENERAL NOTES

- 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	Elevations
4	Horizontal and vertical cross sections (2x buck)
5	Horizontal and vertical cross sections (1x buck)
6	Horizontal and vertical cross sections (Direct to Masonry)
7	Vertical cross sections
8	Buck & frame anchoring
9	Lite frame & glazing details
10	Bill of materials & Components



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



Digitally signed by
Lyndon F Schmidt
Date: 2023.10.09
12:54:47 -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

GLASSCRAFT DOOR CO.

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

10/9/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

BY

REVISIONS

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

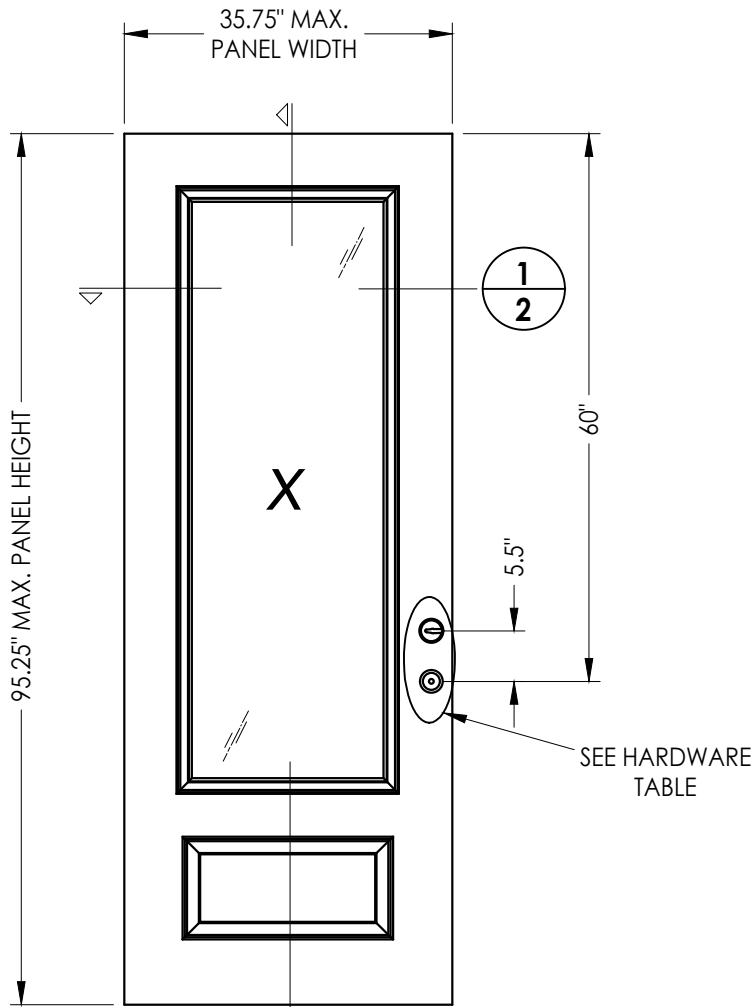
DRAWING NO.: FL-39764.2

SHEET 1 OF 10

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

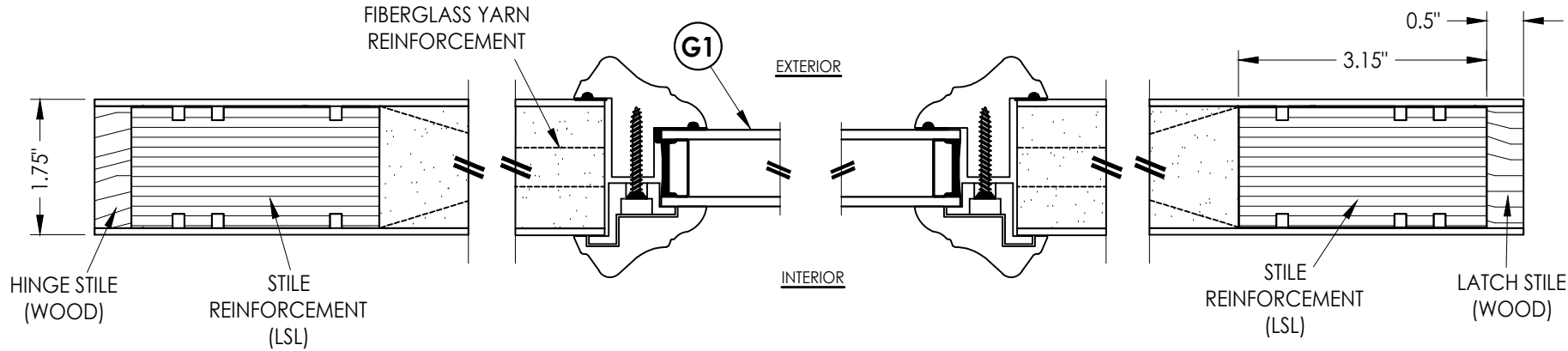
© 2021 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.2.dwg



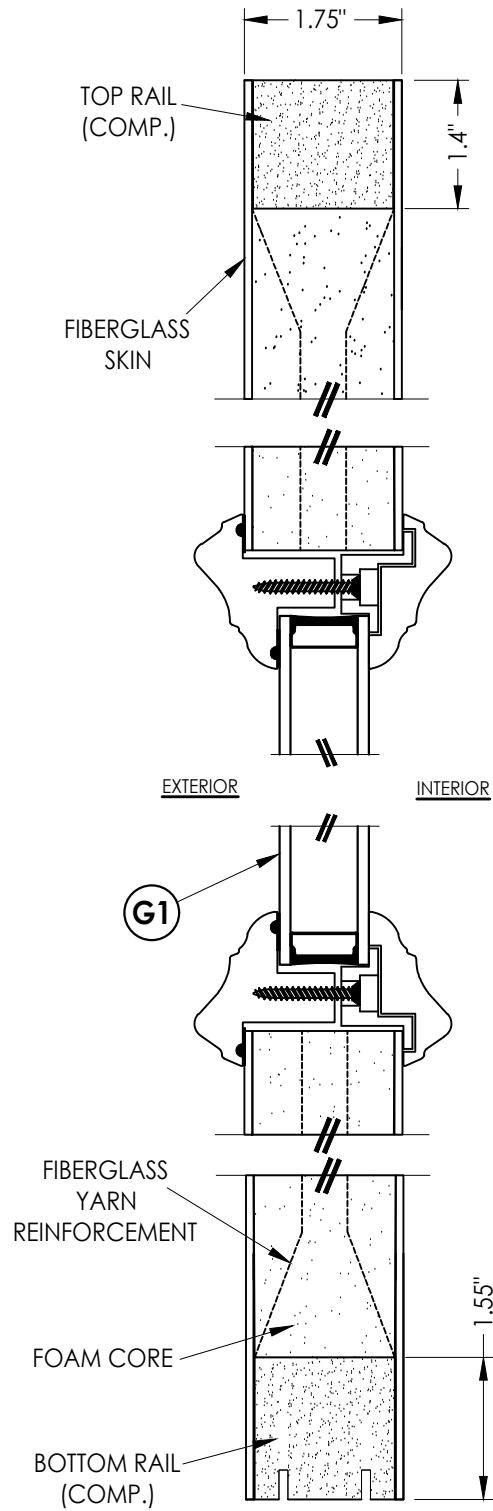
40 GLAZED DOOR PANEL
Fiberglass

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



1
2 HORIZONTAL CROSS SECTION

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



2
2 VERTICAL CROSS SECTION

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

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

DATE: 4/15/21

SCALE: N.T.S.

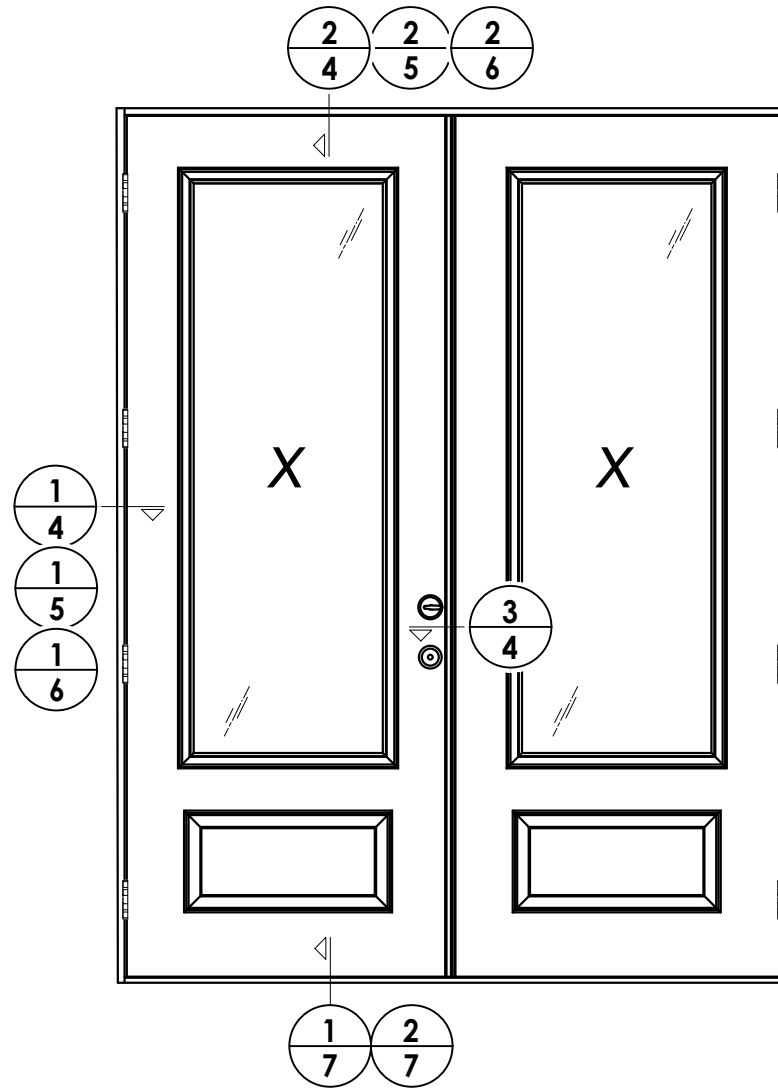
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-39764.2

SHEET 2 OF 10

[illegible]

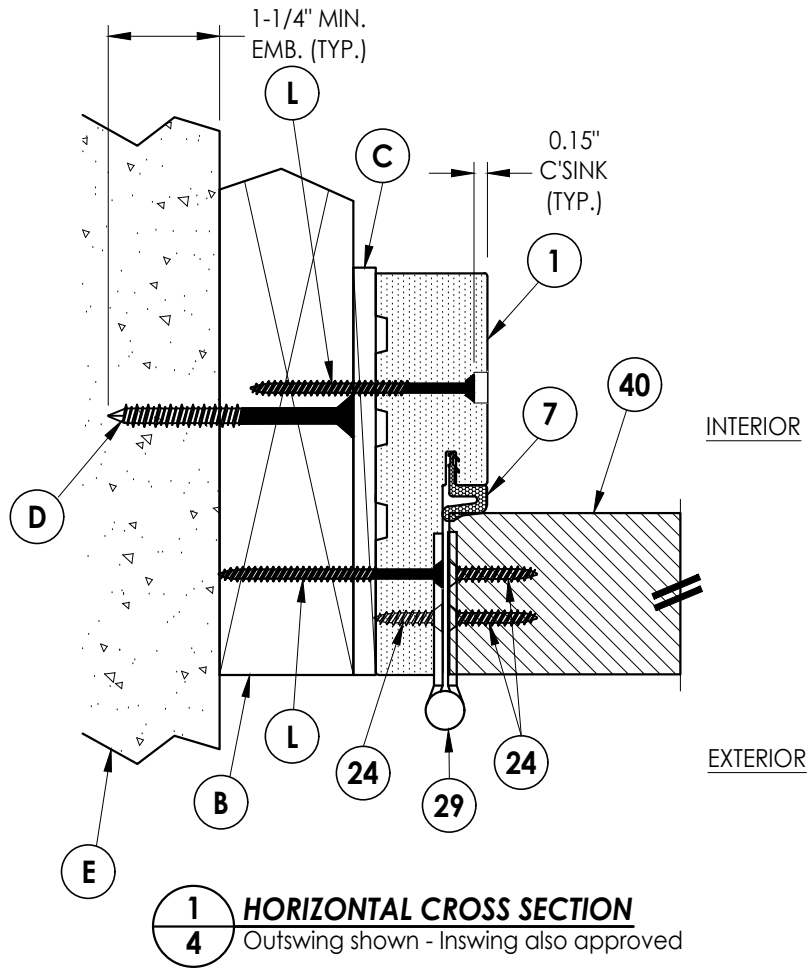
PRODUCT: GLASSCRAFT DOOR CO.

PART OR ASSEMBLY:

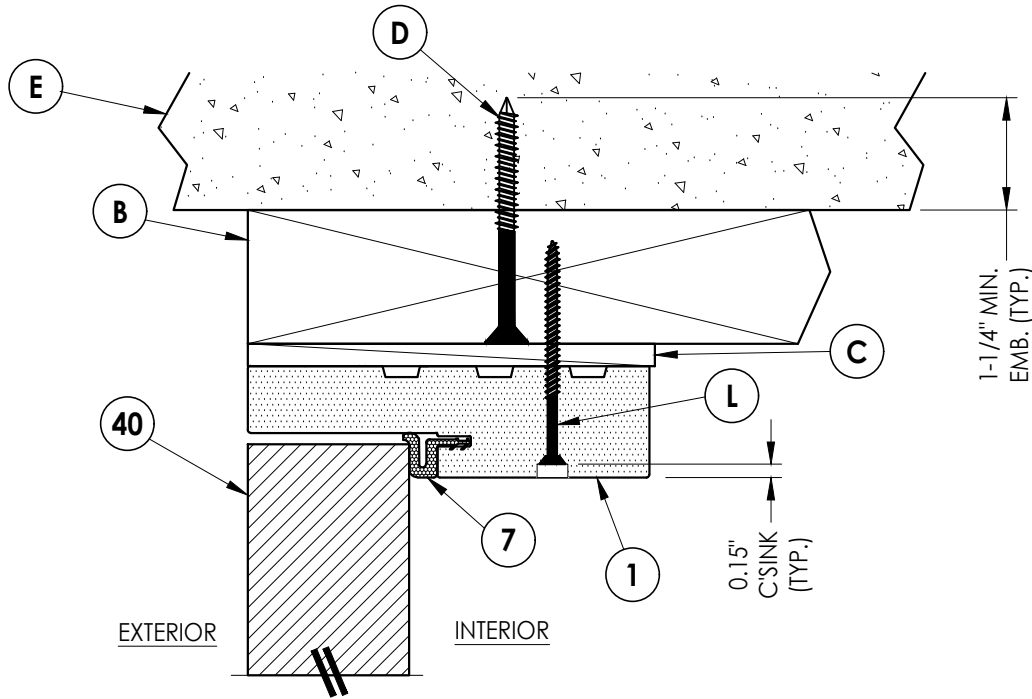
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

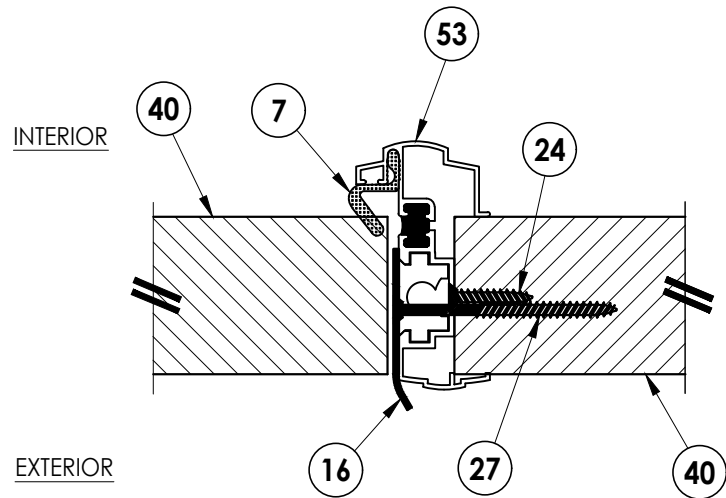
Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.2.dwg



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



2
4 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved



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

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-39764.2

SHEET 4 OF 10

PRODUCT:
GLASSCRAFT DOOR CO.

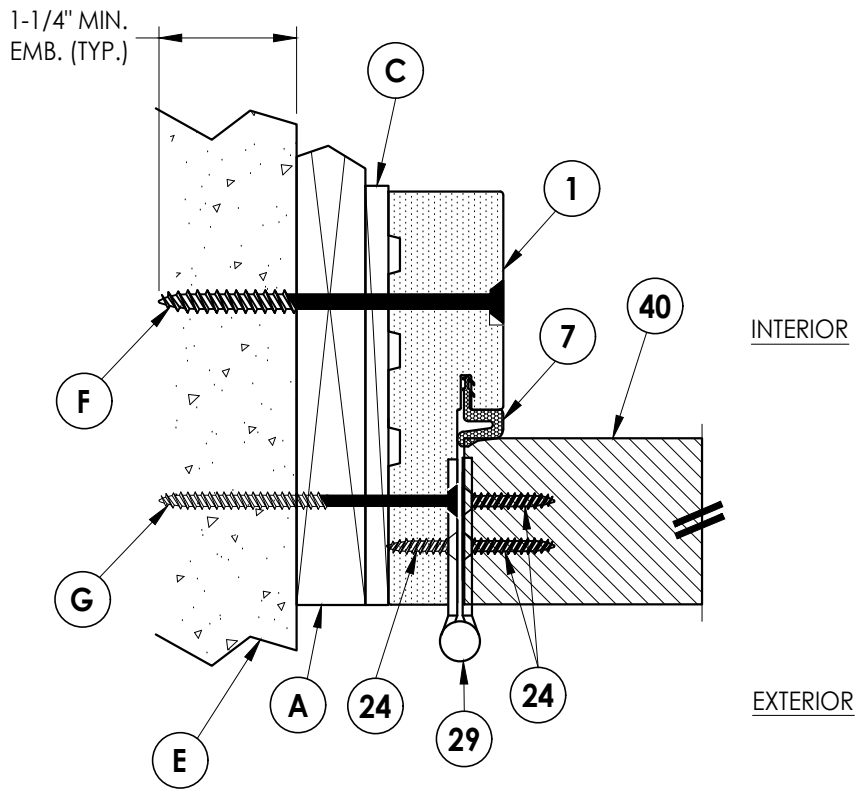
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS (2X BUCK)

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

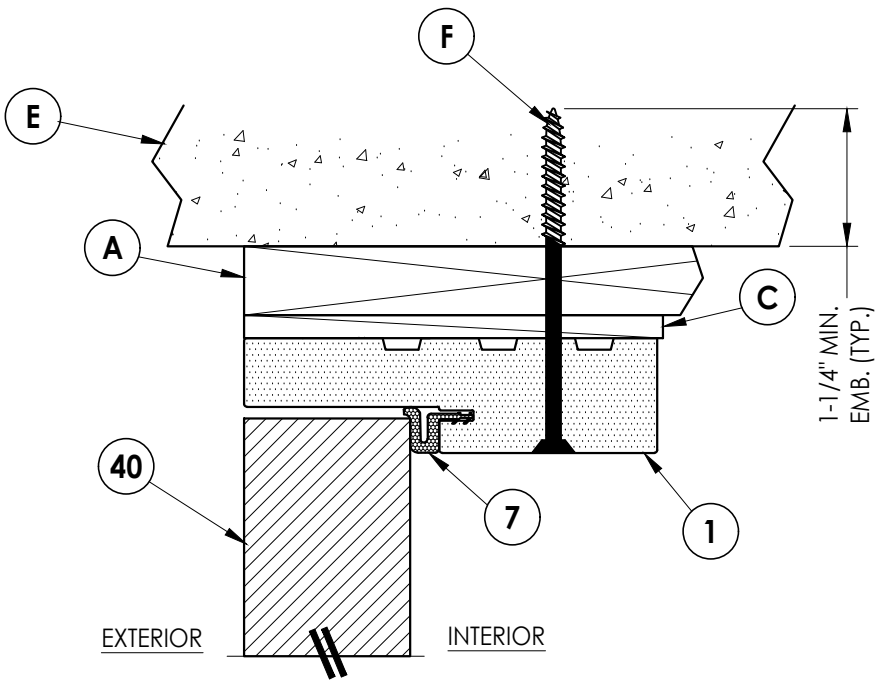
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.2.dwg



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



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

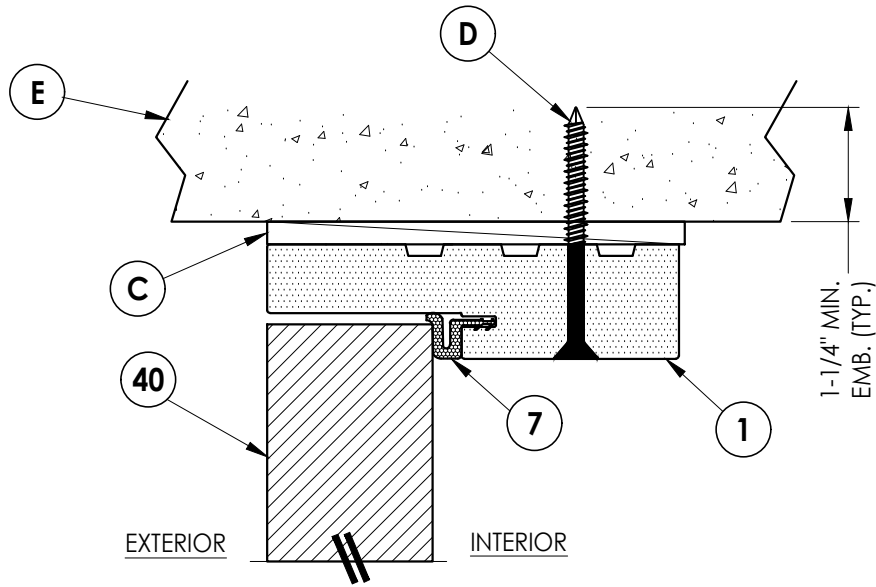
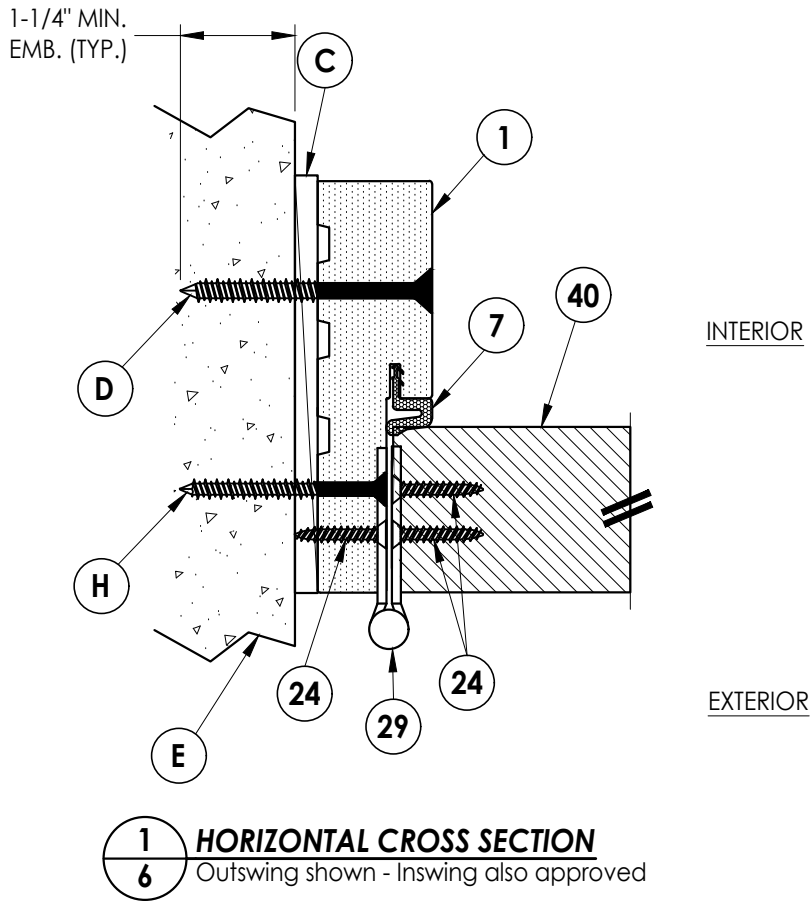
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.2
SHEET 5 OF 10

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

PRODUCT: GLASSCRAFT DOOR CO.
PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS (1X BUCK)

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-39764.2.dwg



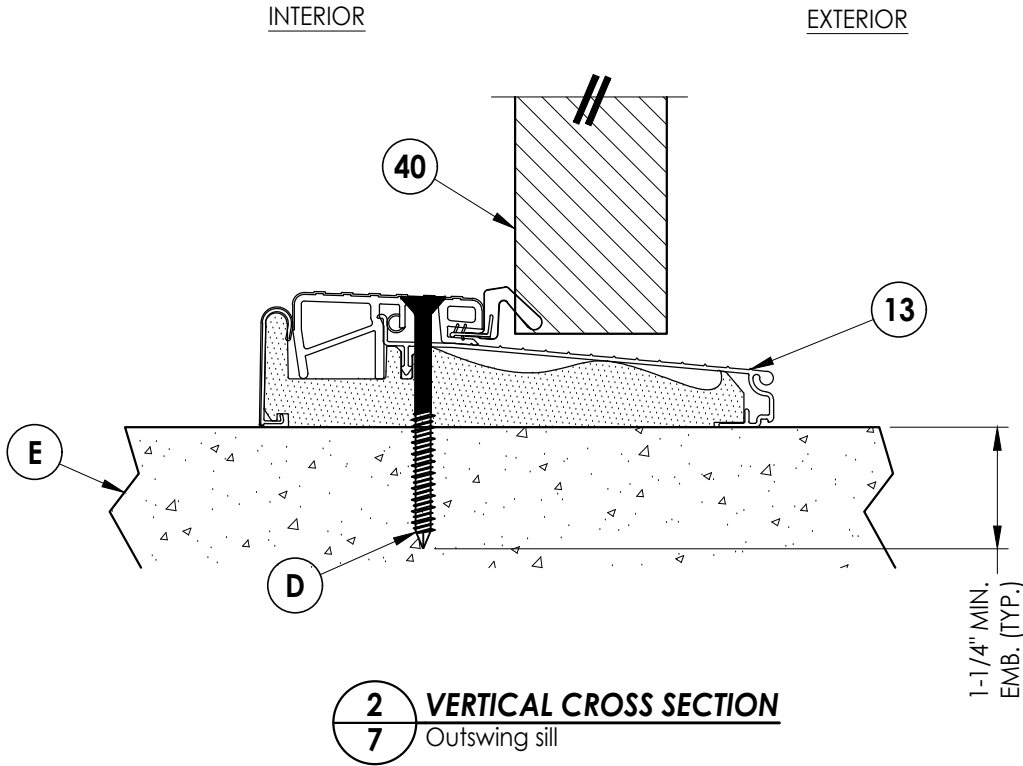
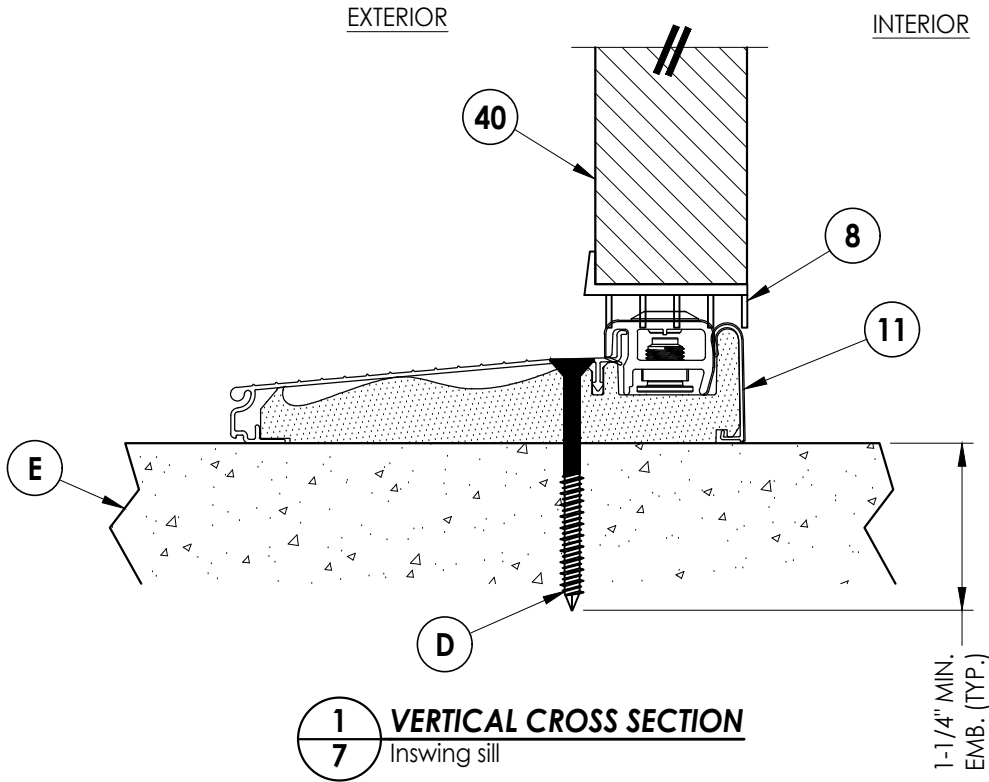
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.2
SHEET 6 OF 10

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

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

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-39764.2.dwg



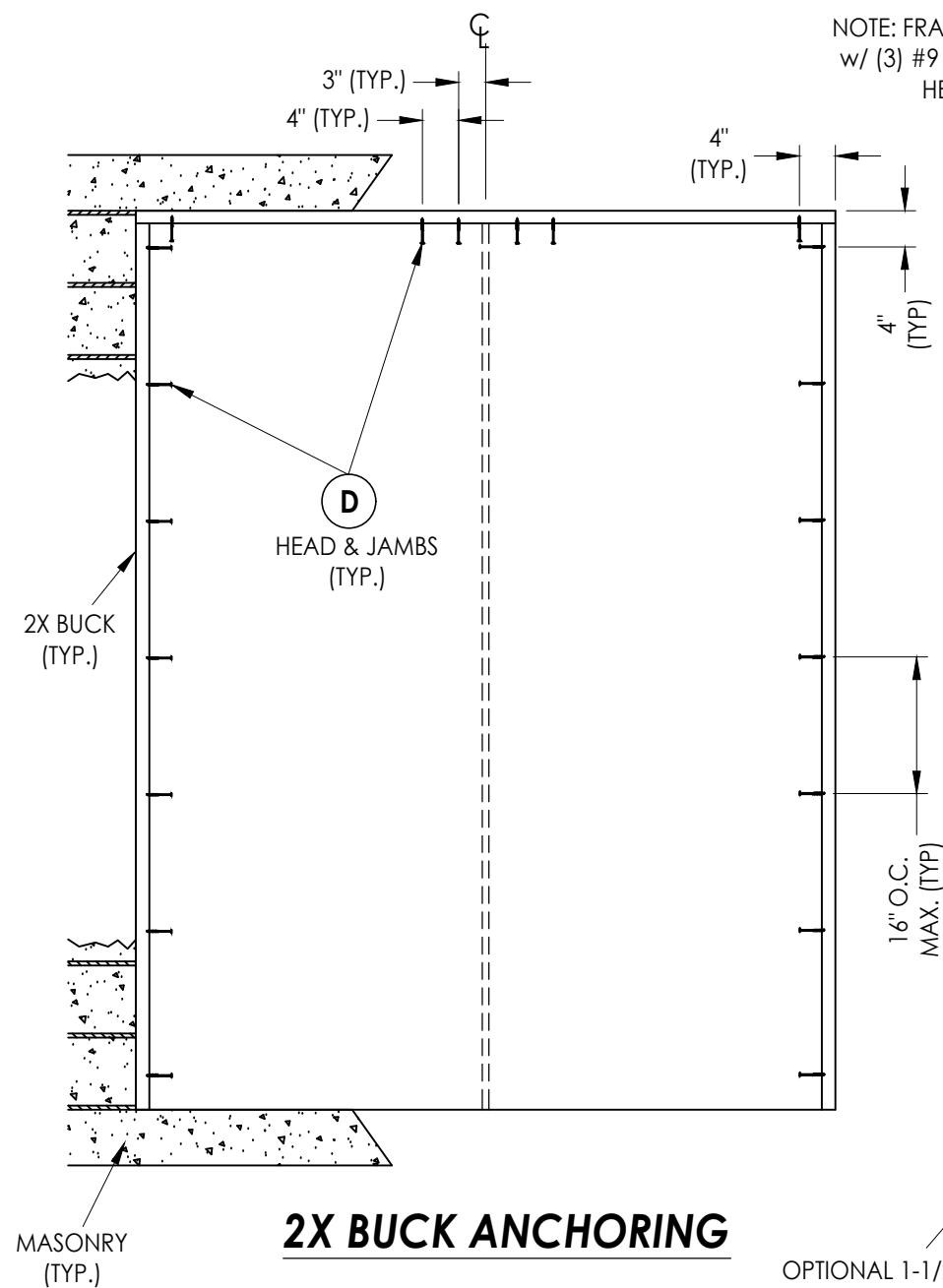
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-39764.2
SHEET 7 OF 10

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

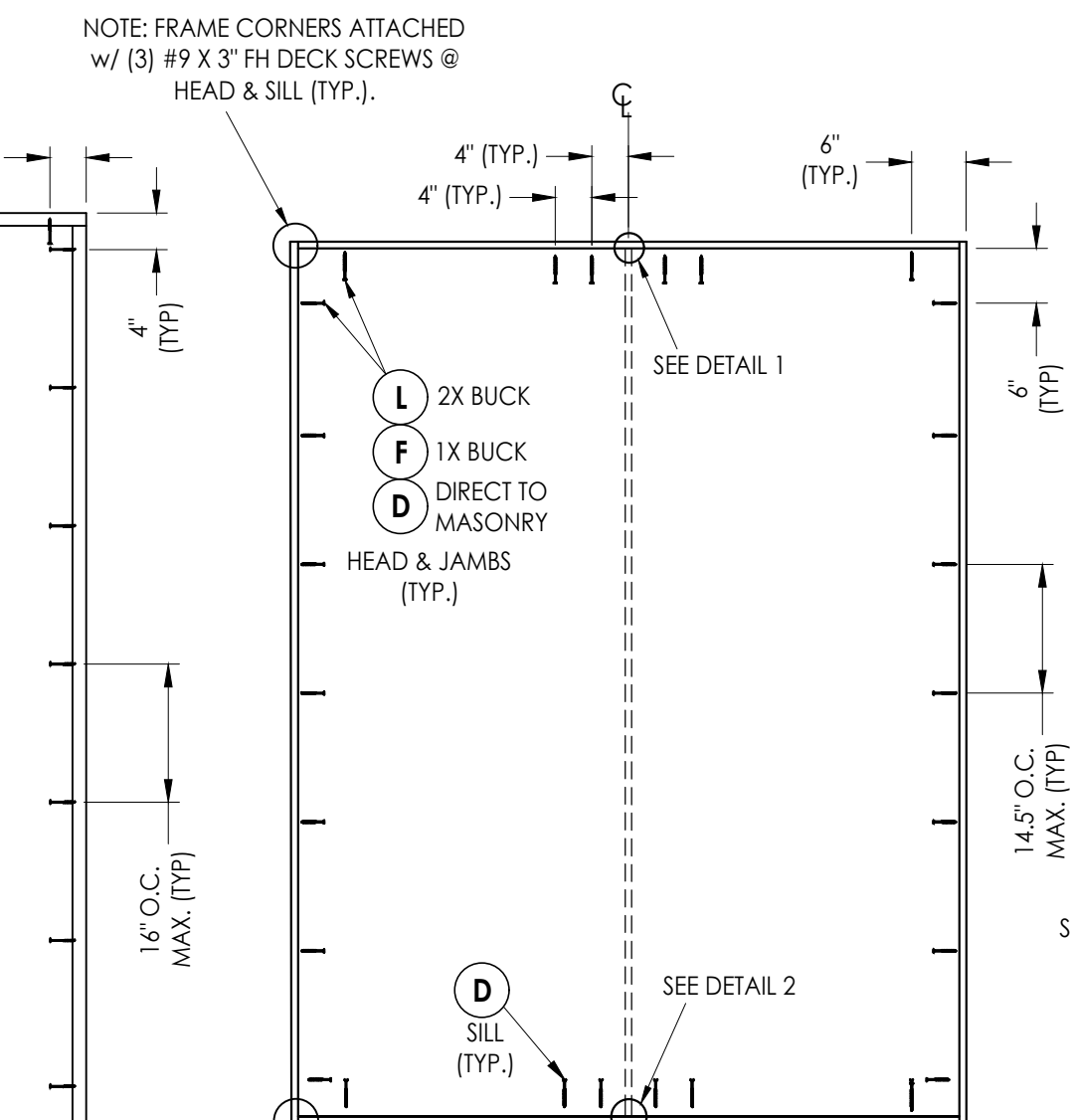
PRODUCT:	GLASSCRAFT DOOR CO.
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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

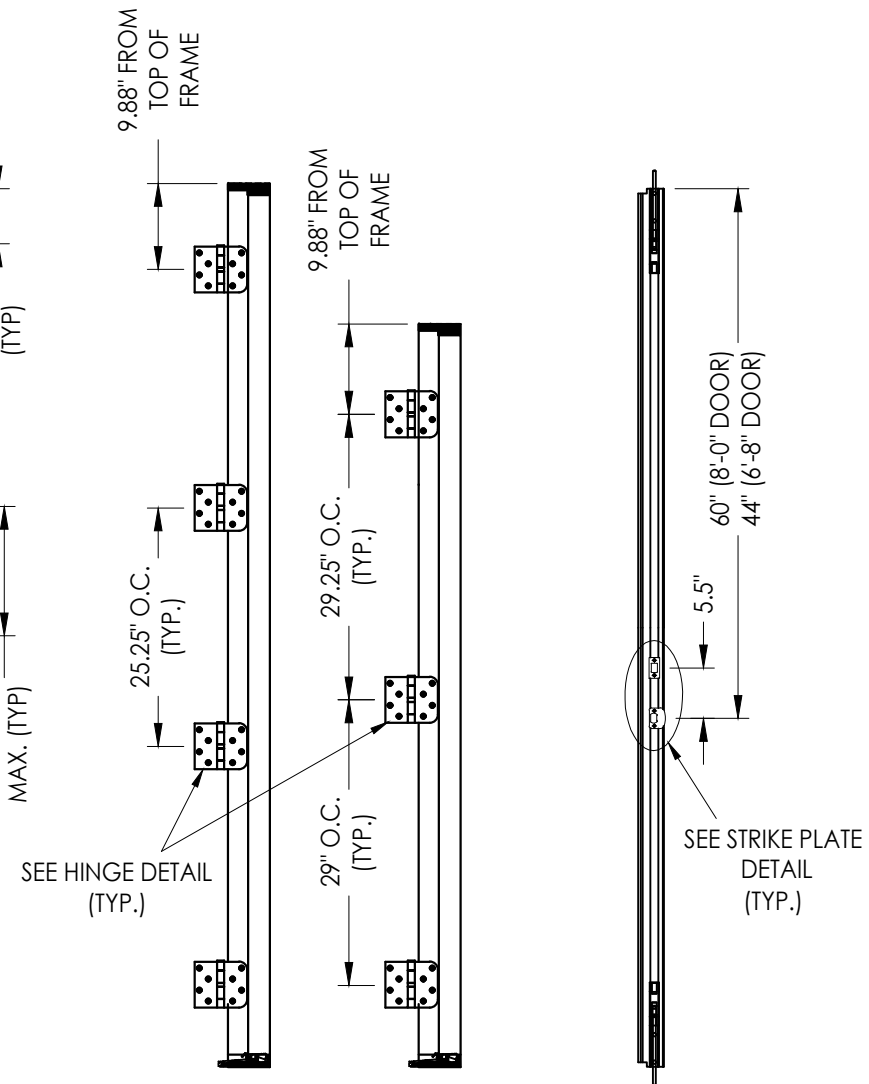


2X BUCK ANCHORING

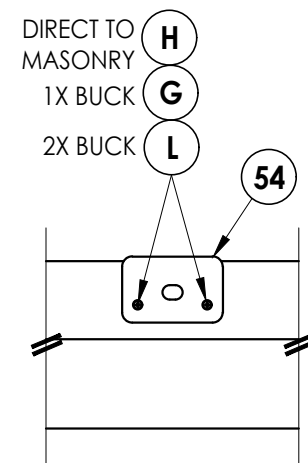


FRAME ANCHORING

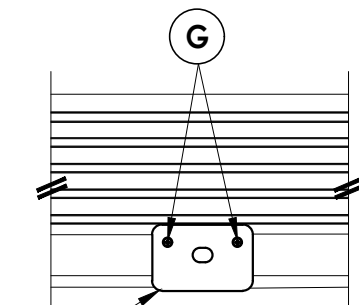
OPTIONAL 1-1/2" PVC JAMB BOOT
ATTACHED TO JAMB & TO SILL w/ (3)
#9 X 3" FH DECK SCREWS EACH (TYP.)



HINGE JAMB **HINGE JAMB**
8'-0" DOOR 6'-8" DOOR

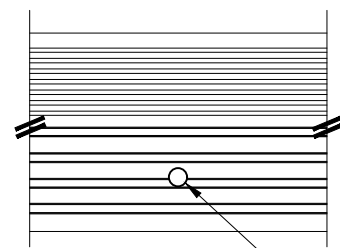
ASTRAGAL

DETAIL 1

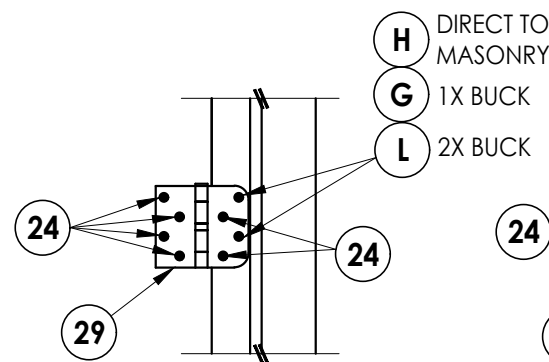


DETAIL 2

INSWING

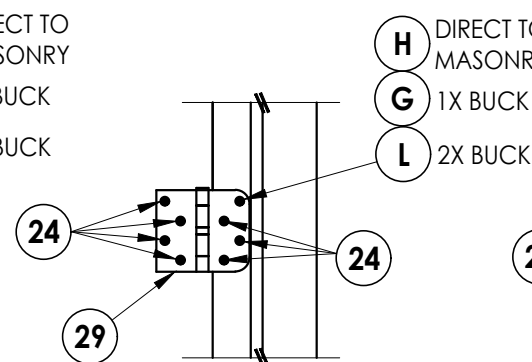


DETAIL 2
OUTSWING

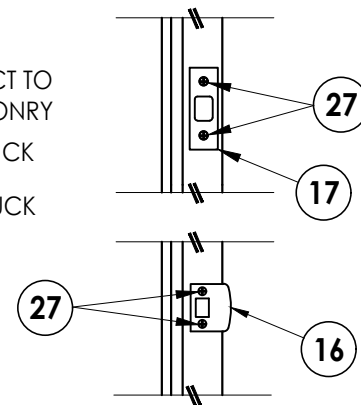


HINGE DETAIL

INSWING



HINGE DETAIL OUTSWING



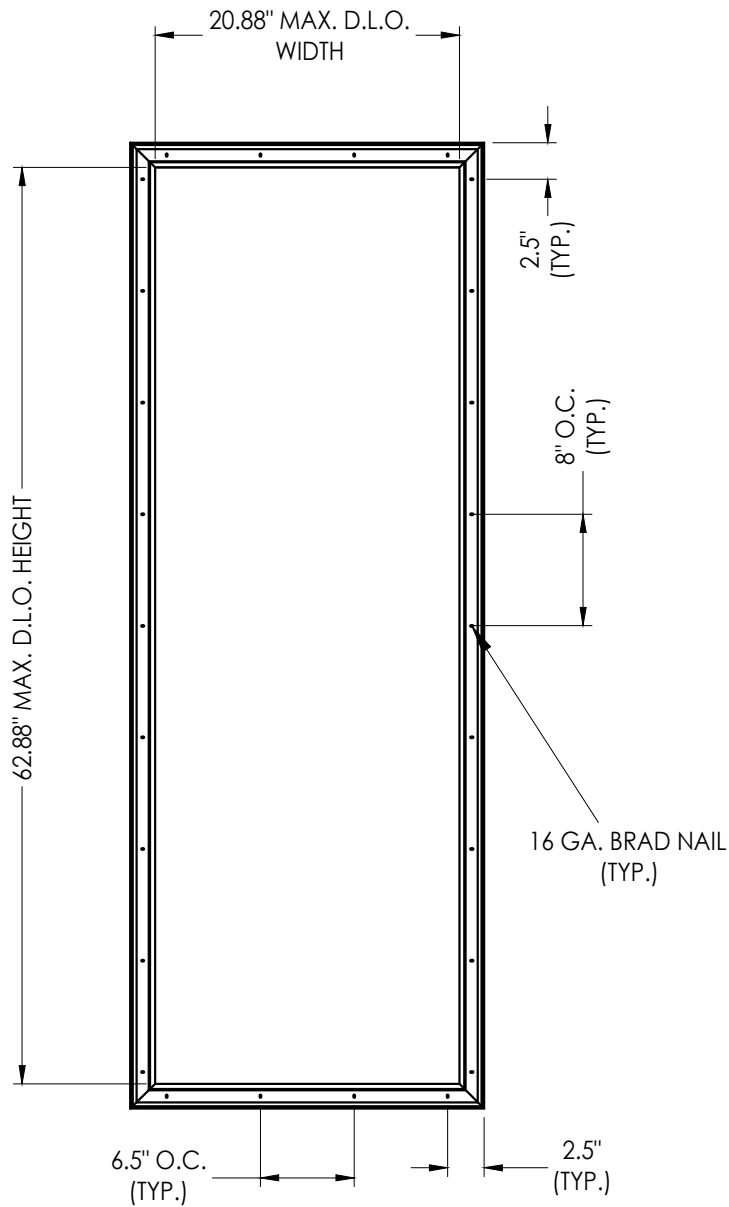
STRIKE PLATE DETAIL

1	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
NO.	DATE	REVISIONS							
DATE: 4/15/21									
SCALE: N.T.S.									
DWG. BY: RW									
CHK. BY: LFS									
DRAWING NO.: FL-39764.2									
SHEET 8 OF 10									

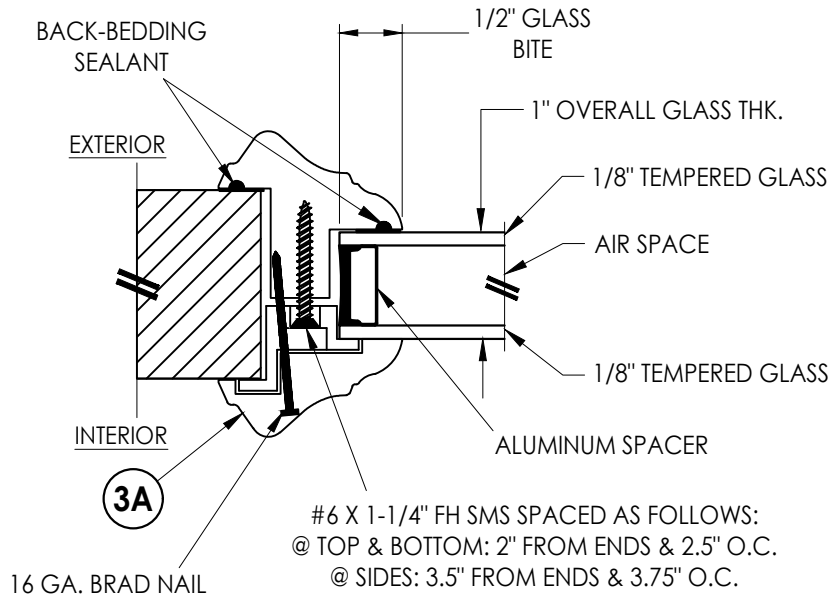
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

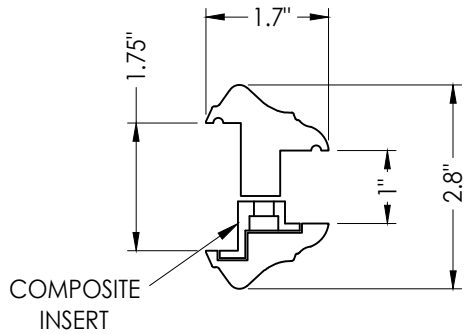
Z:\2023 FBC Drawings\GlassCraft Door Corp\FL-39764 R2\FL-39764.2.dwg



DOOR LITE FRAME



G1 GLAZING DETAIL



3A GLASSCRAFT LITE FRAME
EXTRUDED PVC

DATE: 8/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39764.2

SHEET 9 OF 10

PRODUCT:		GLASSCRAFT DOOR CO.	
PART OR ASSEMBLY:		LITE FRAME & GLAZING DETAILS	
NO.	DATE	UPDATE TO 8TH ED. (2023)	FBC
1	10/9/23		LFS
			BY

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

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
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	PVC
11	INSWING THRESHOLD	ALUM/ COMP
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	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL

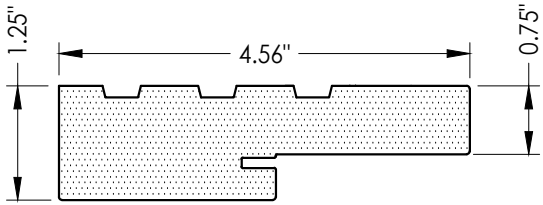
CONCRETE ANCHOR NOTES:

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:

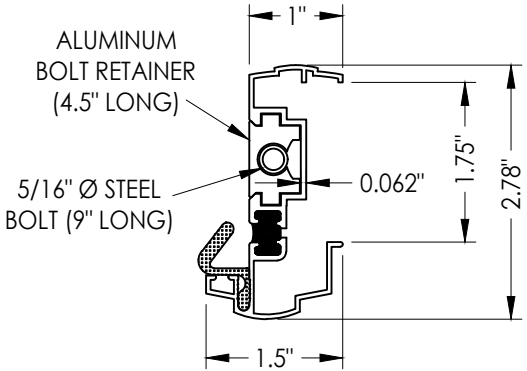
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT® ULTRA CON+	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

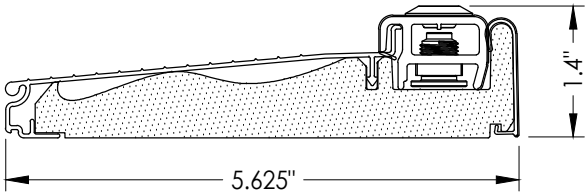
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



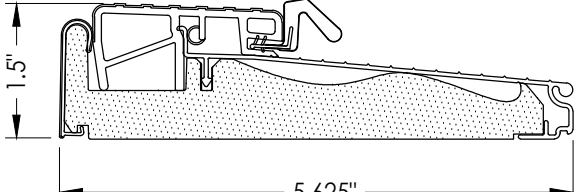
1 COMPOSITE JAMB



53 **ASTRAGAL**
Quantex



11 INSWING THRESHOLD



13 OUTSWING THRESHOLD

[illegible]