



287 FREEHILL RD.
HENDERSONSVILLE, TN 37075

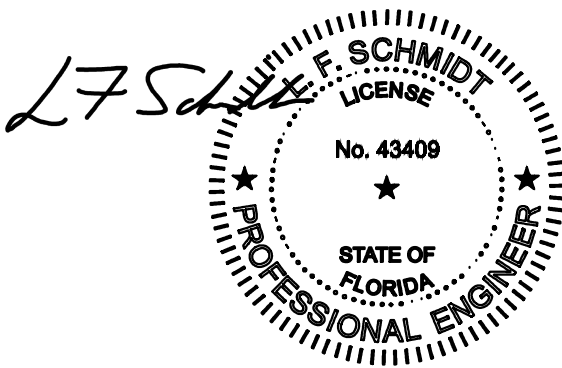
SERIES 5665/8065

EXTRUDED VINYL FIXED WINDOW / TRANSOM
w/ NAILING FIN
"NON-IMPACT"

GENERAL NOTES

1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and ratings.
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. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

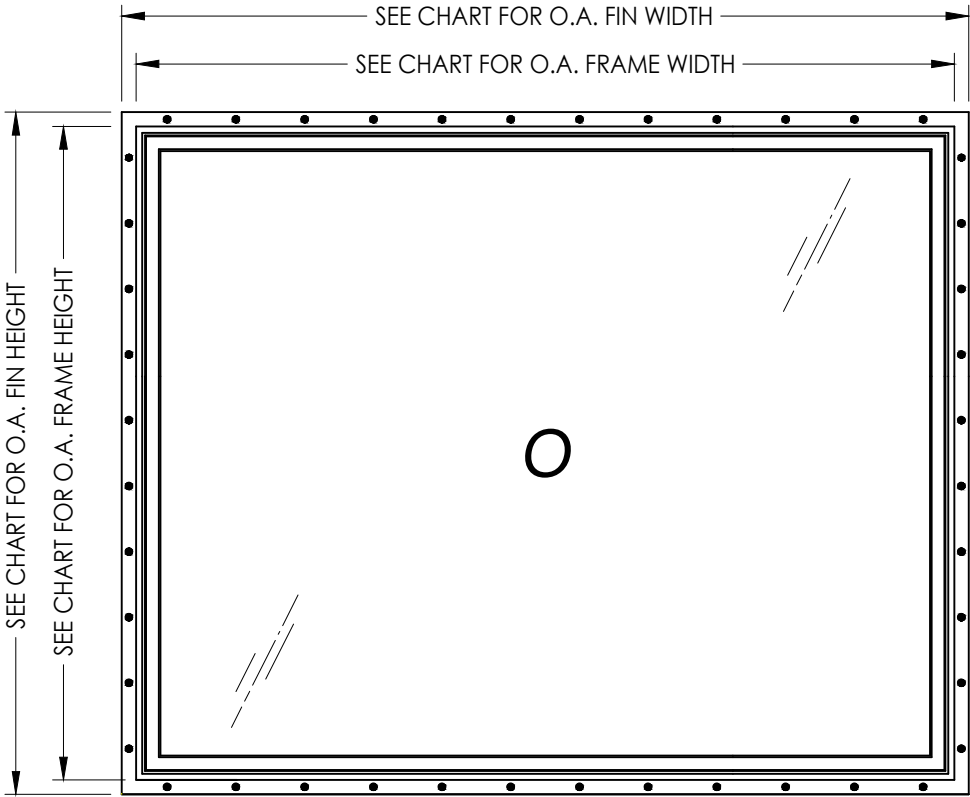
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2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing detail and components



Digitally signed by
Lyndon F Schmidt
Date: 2023.12.19
16:45:28 -05'00'

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



HORIZONTAL FRAME SHOWN
(Vertical orientation optional)

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
50.25" x 86.0"	47.75" X 83.5"	43.43" X 79.18"	G1	+35.0	-35.0
73.88" x 61.88"	71.38" X 59.38"	67.06" X 55.06"	G1	+30.0	-30.0

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

PRODUCT: FIXED TRANSOM

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

5	12/19/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	9/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	8/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	4/29/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	10/13/11	UPDATE TO 2010 FBC		JK
NO.	DATE	REVISIONS		

DATE: 9/09/09

SCALE: N.T.S.

DWG. BY: JK

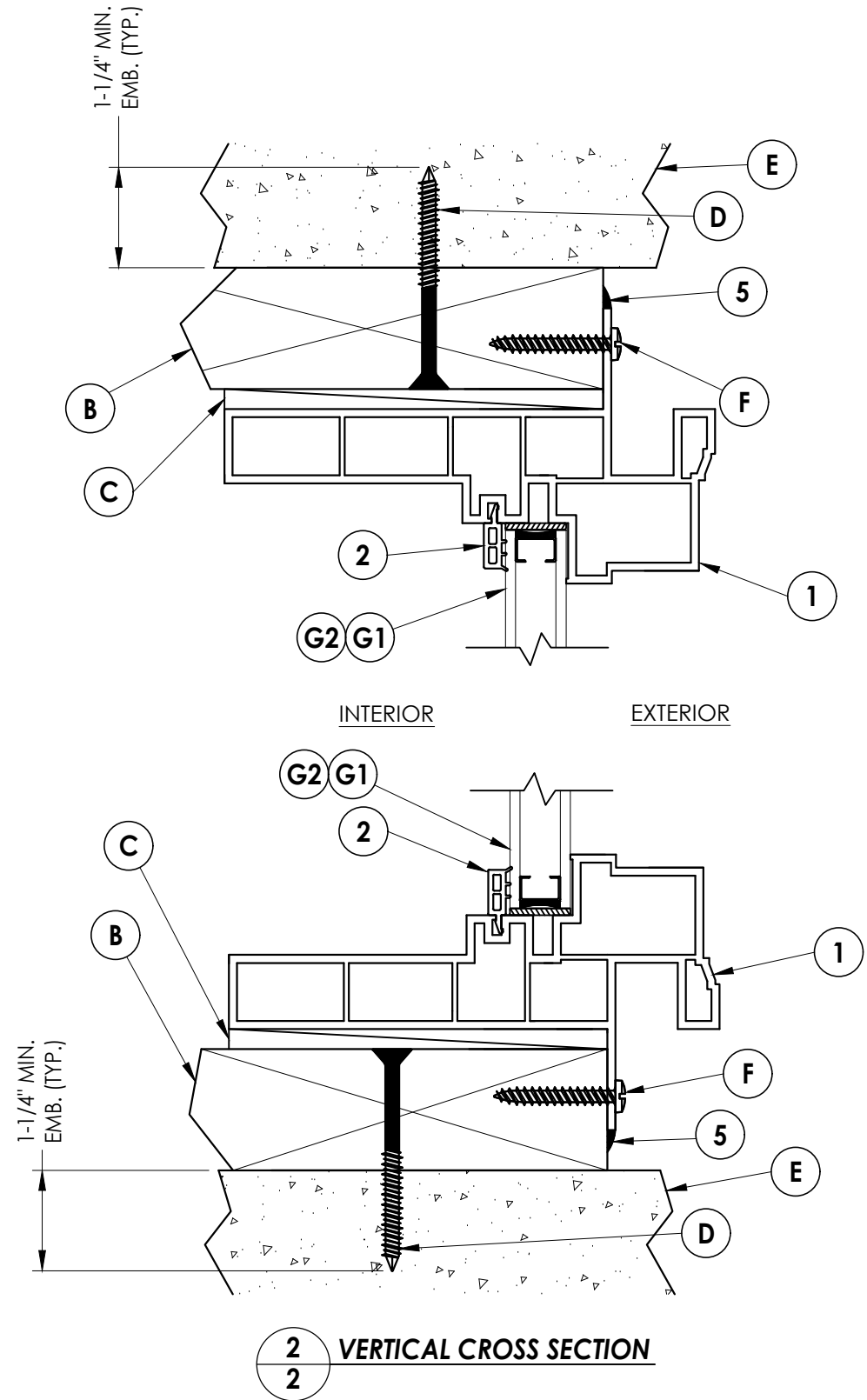
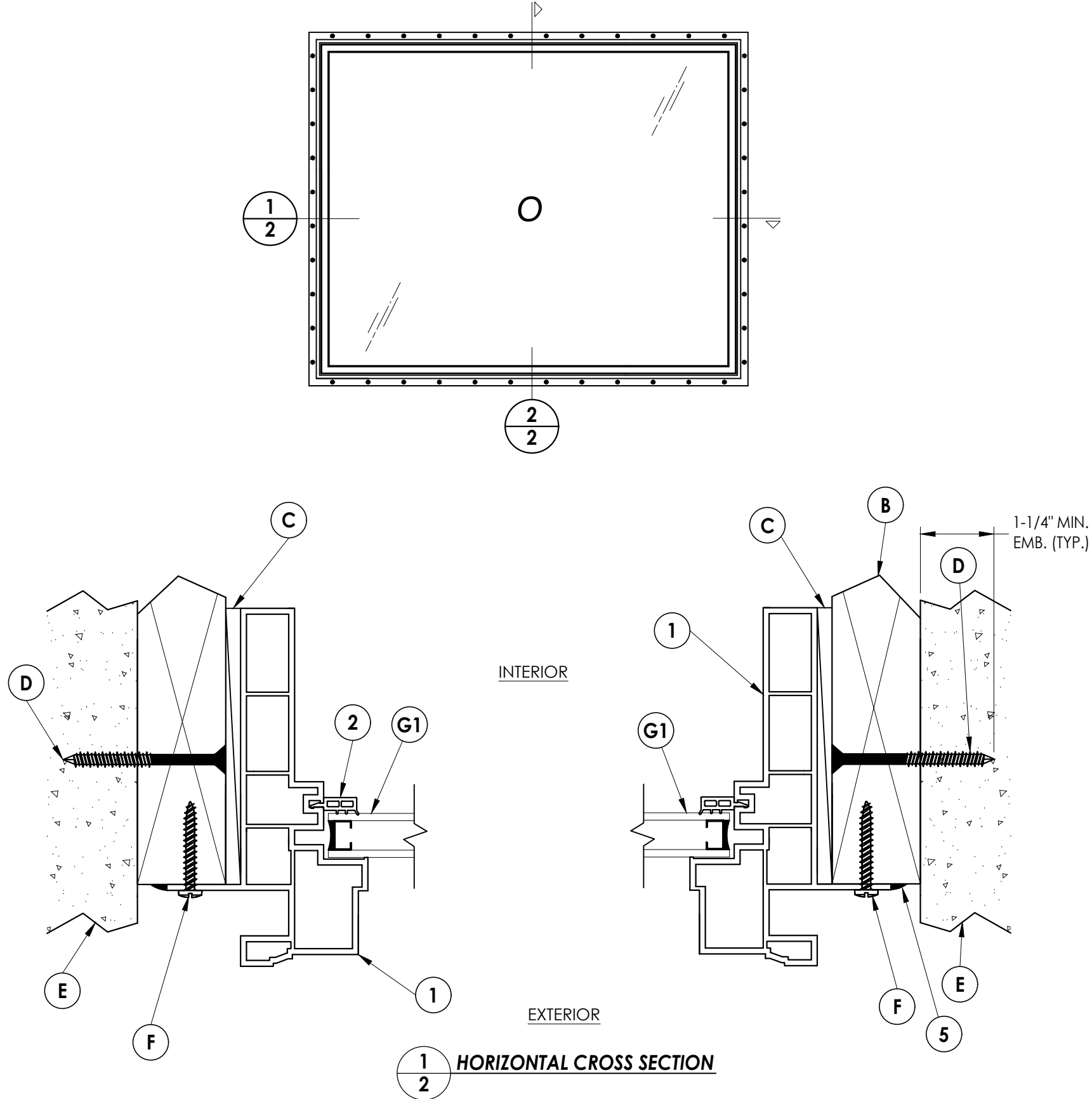
CHK. BY: LFS

DRAWING NO.: FL-13067.2

SHEET 1 OF 5

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Phone No.: 813.659.9197
FBPE Registry No. 9813



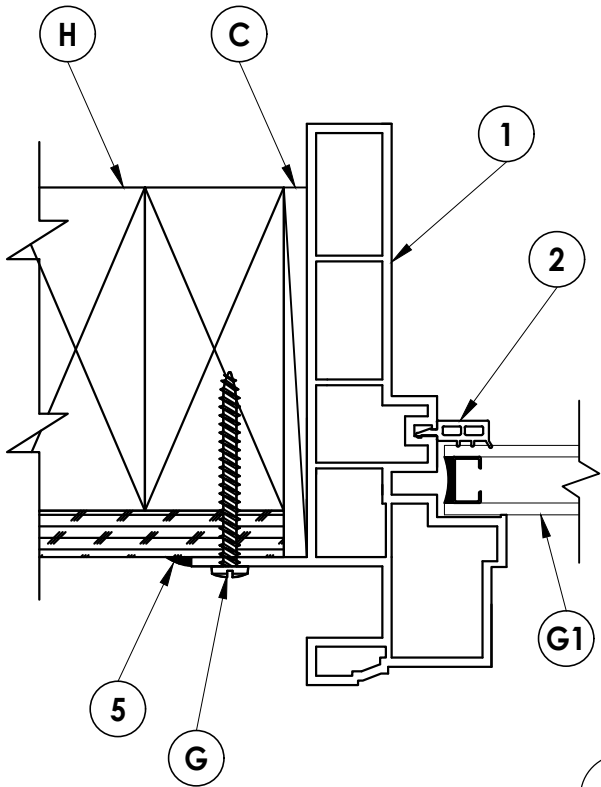
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NO.	DATE			
REVISIONS				

DATE:	9/09/09
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-13067.2
SHEET	2 OF 5

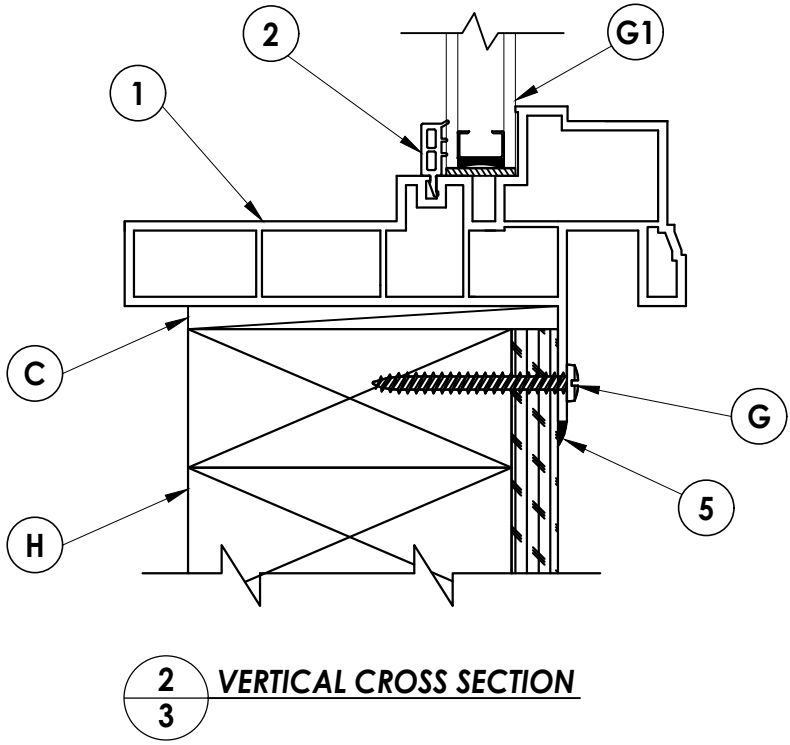
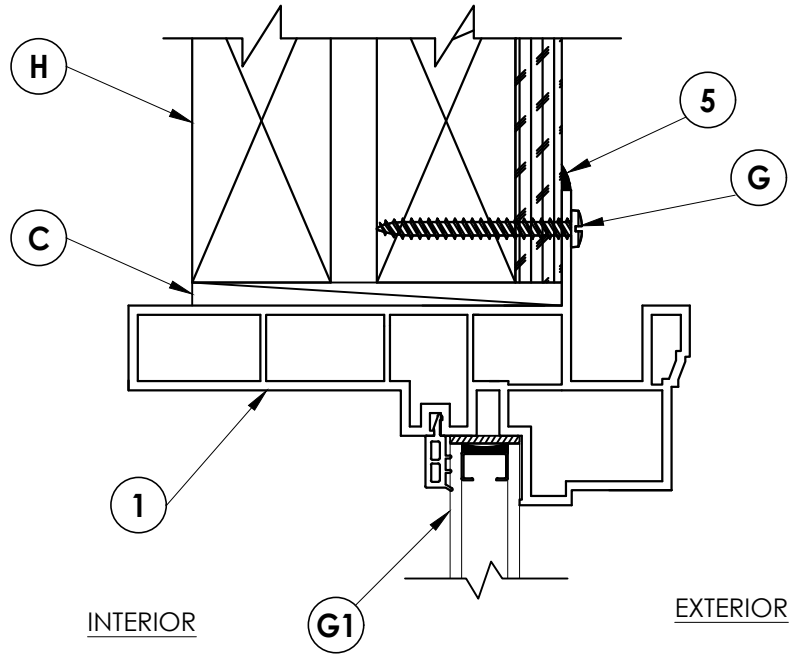
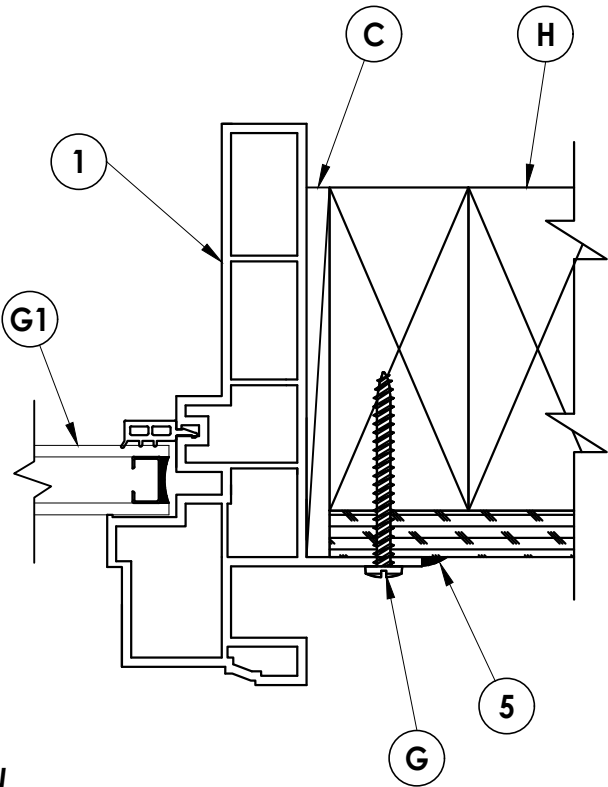
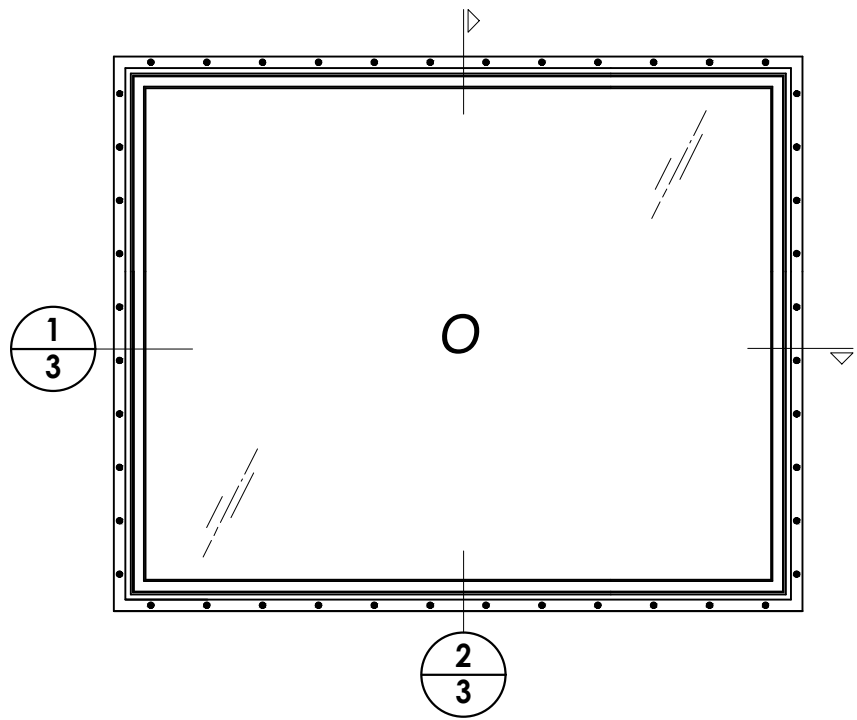
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1
3 HORIZONTAL CROSS SECTION



2
3 VERTICAL CROSS SECTION

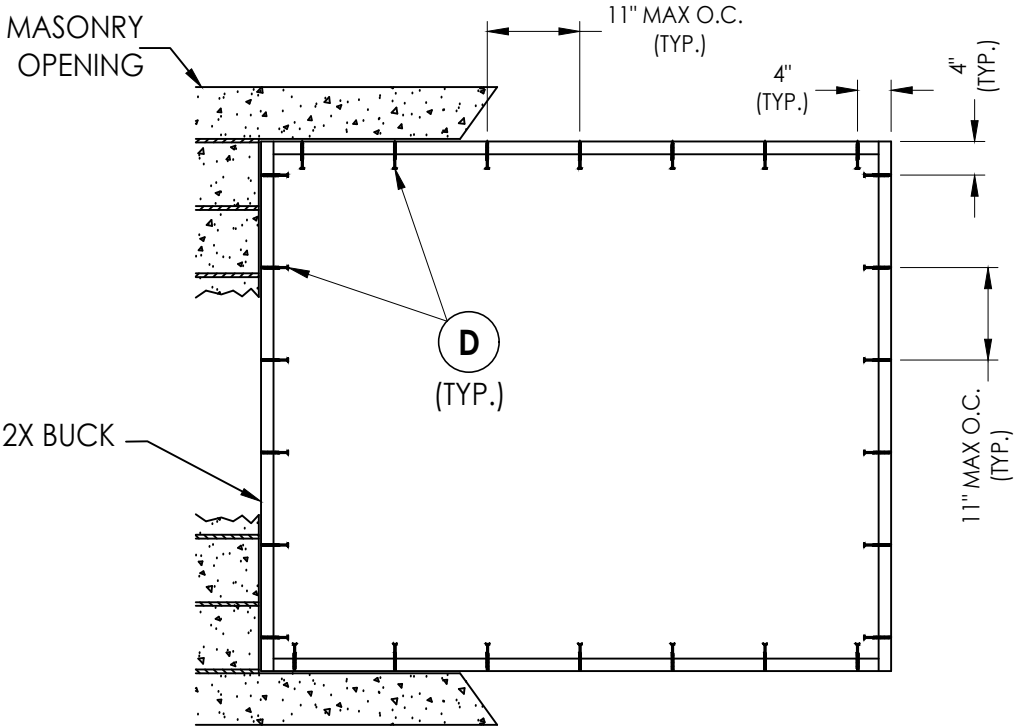
PRODUCT:		PART OR ASSEMBLY:	
FIXED TRANSOM		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
5	12/19/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	9/03/20	UPDATE TO 7TH ED. (2020) FBC	LFS
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-13067.2
SHEET 3 OF 5

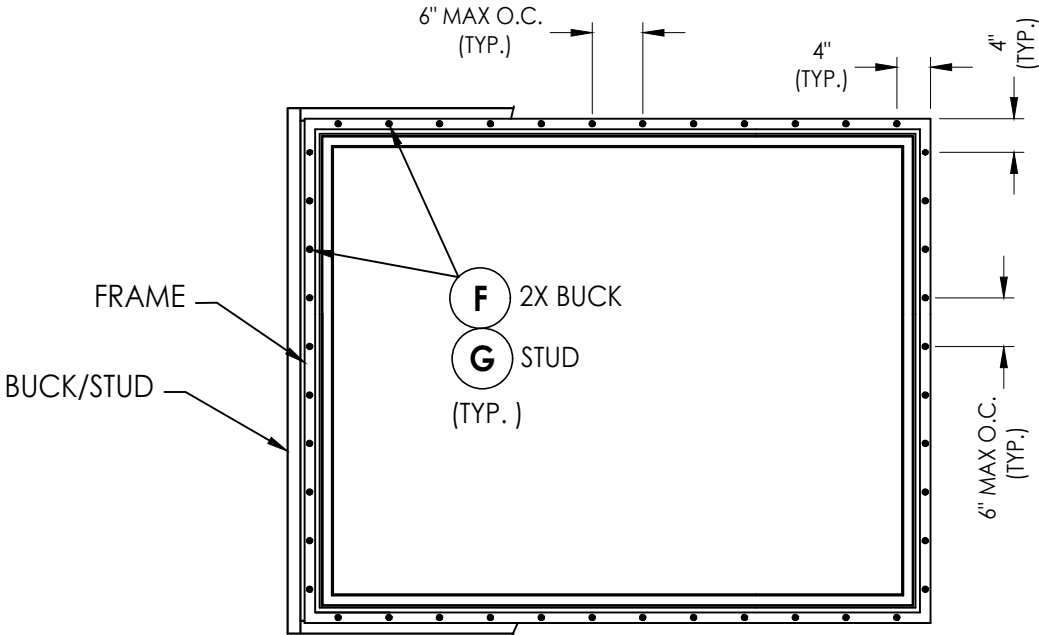
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BUCK ANCHORING
MASONRY



FRAME ANCHORING

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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

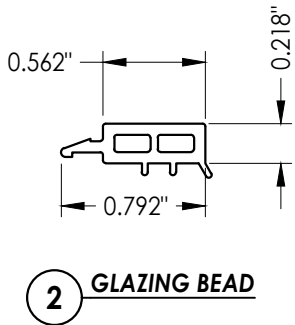
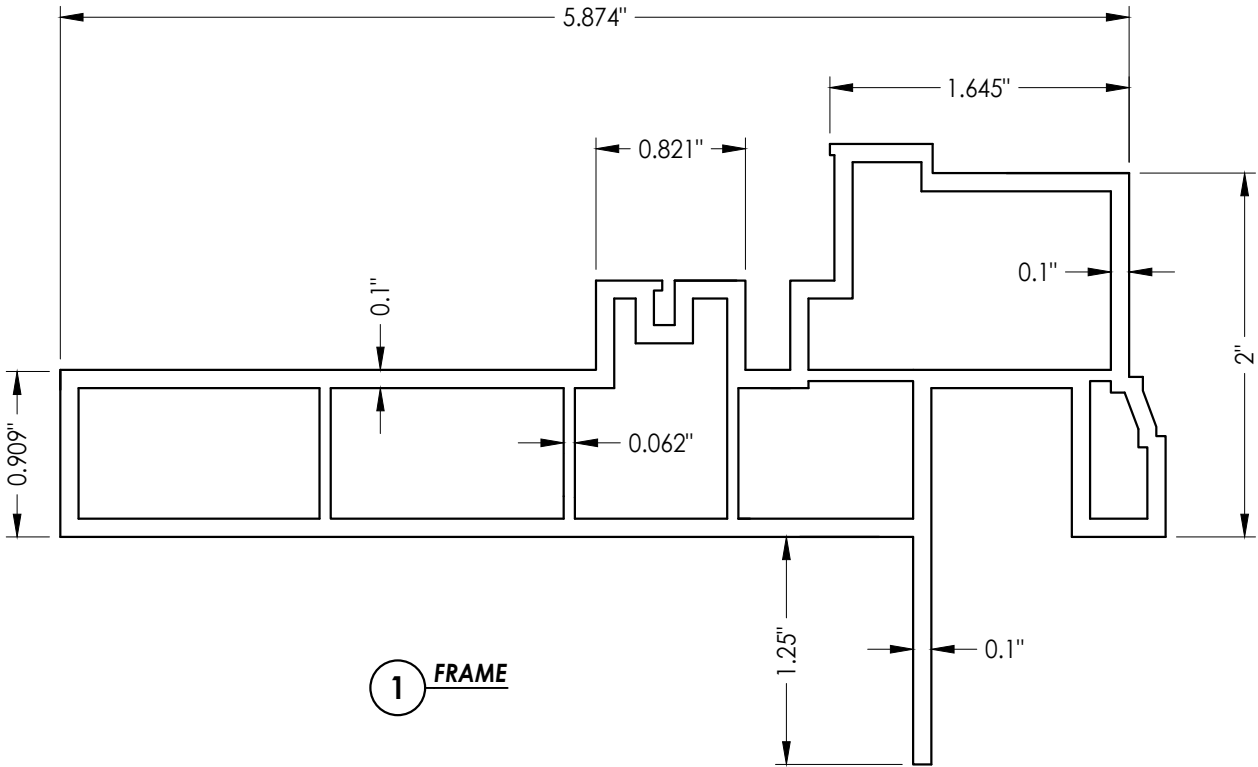
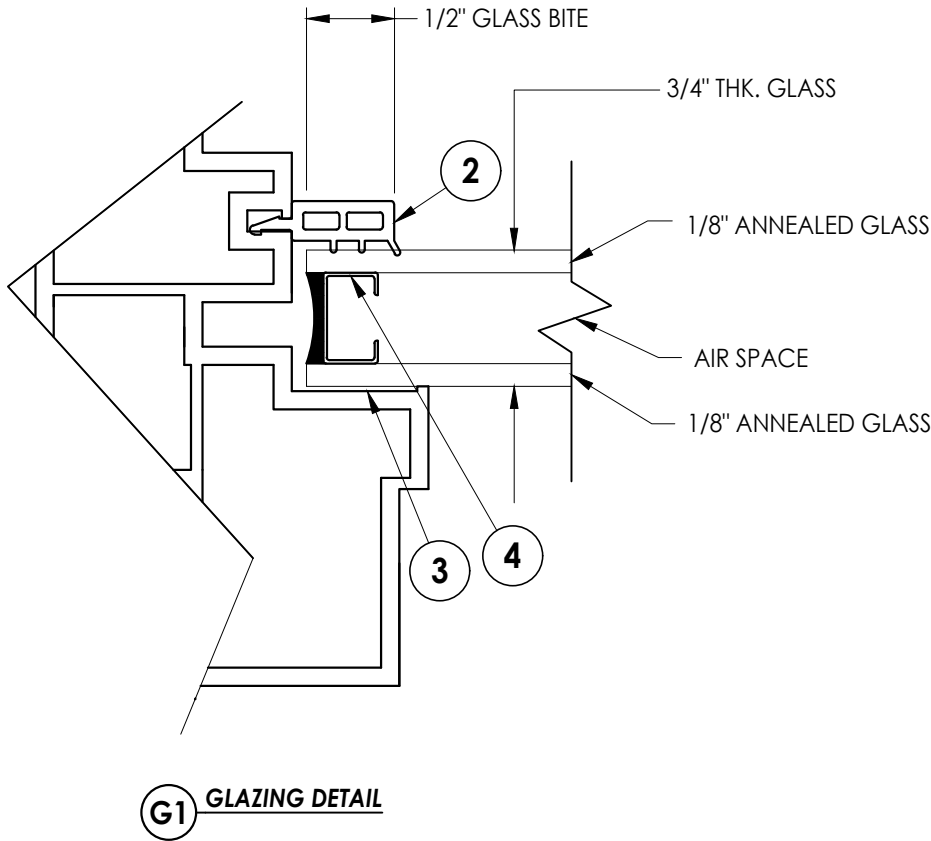
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

PRODUCT:		FIXED TRANSOM		PART OR ASSEMBLY:		BUCK & 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	

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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	2X BUCK (G >= 0.42)	WOOD
C	MAX. 1/4" 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	#10 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
H	2X FRAMING (G >= 0.42)	WOOD
1	EXTRUDED VINYL FRAME #403*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD #185*	RIGID PVC
3	SILICONE GLAZING BY NOVA GUARD	SILICONE
4	INTERCEPT GLAZING SPACER (TINPLATE STEEL)	STEEL
5	SEALANT	SILICONE

*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



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SHEET 5 OF 5							