

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-9909 R20\FL-9909.11-12.dwg

MODEL 3104

PVC FIXED WINDOW

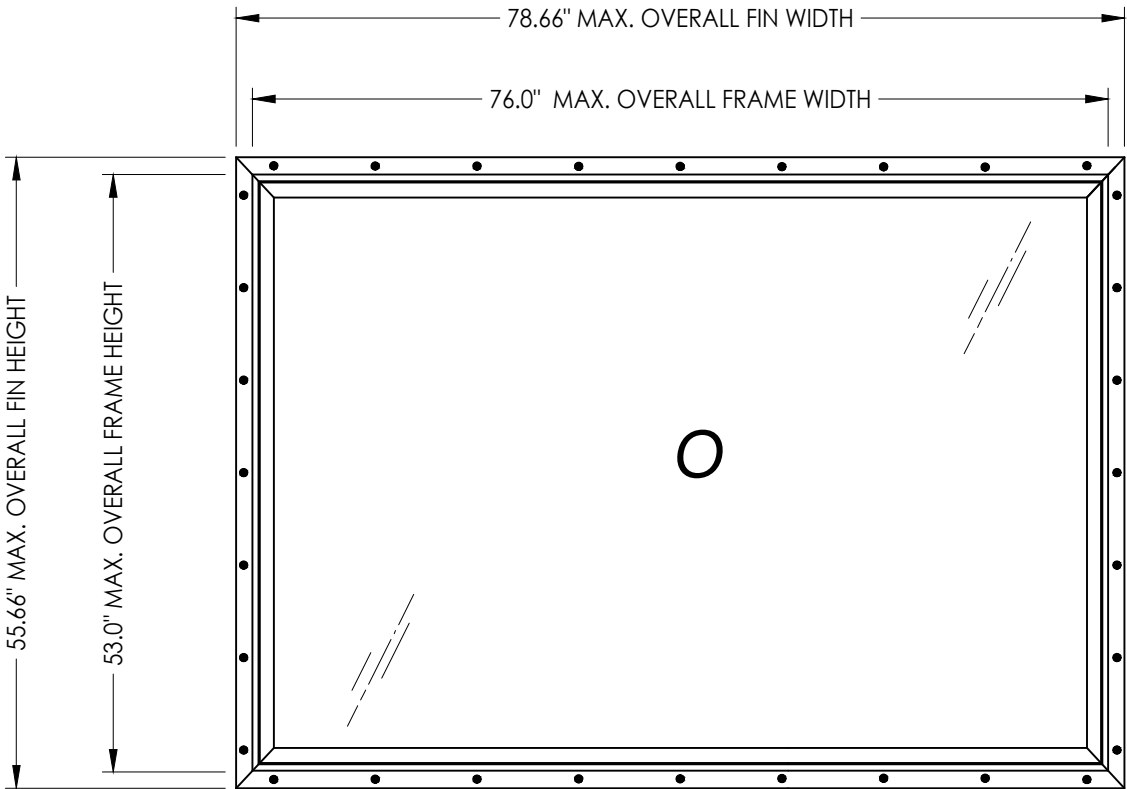
w/ NAILING FIN

"NON-IMPACT"

GENERAL NOTES

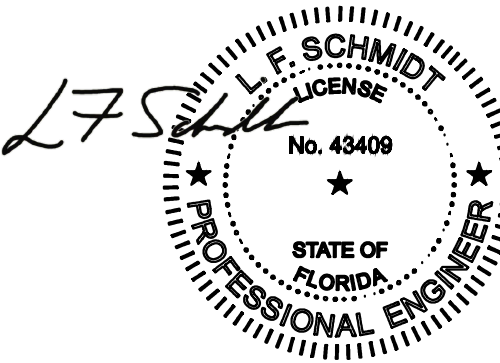
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing detail and components



HORIZONTAL ORIENTATION SHOWN
(Vertical orientation optional)

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
78.66" x 55.66"	76.0" X 53.0"	70.75" X 47.75"	G3	+50.0	-50.0
55.66" x 78.66"	53.0" X 76.0"	47.75" X 70.75"		+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.11 09:30:59 -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

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

FIXED WINDOW

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

7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	7/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	8/19/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	8/24/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
NO.	DATE			BY

REVISIONS

DATE: 12/03/08

SCALE: N.T.S.

DWG. BY: JK

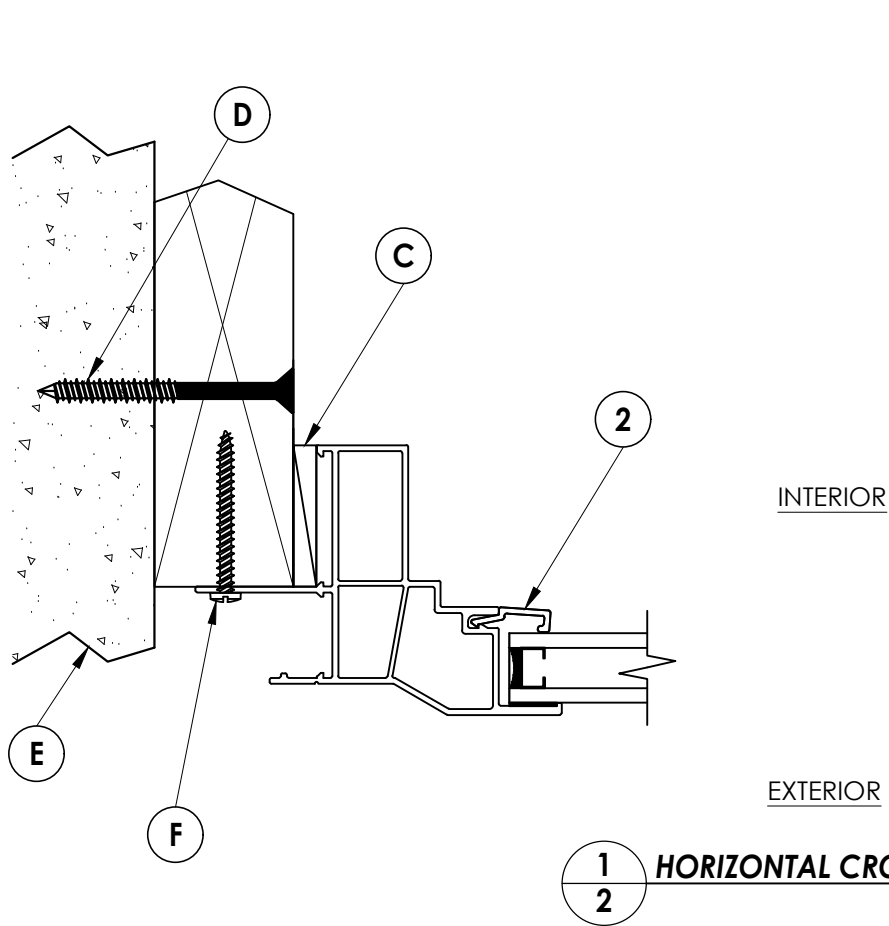
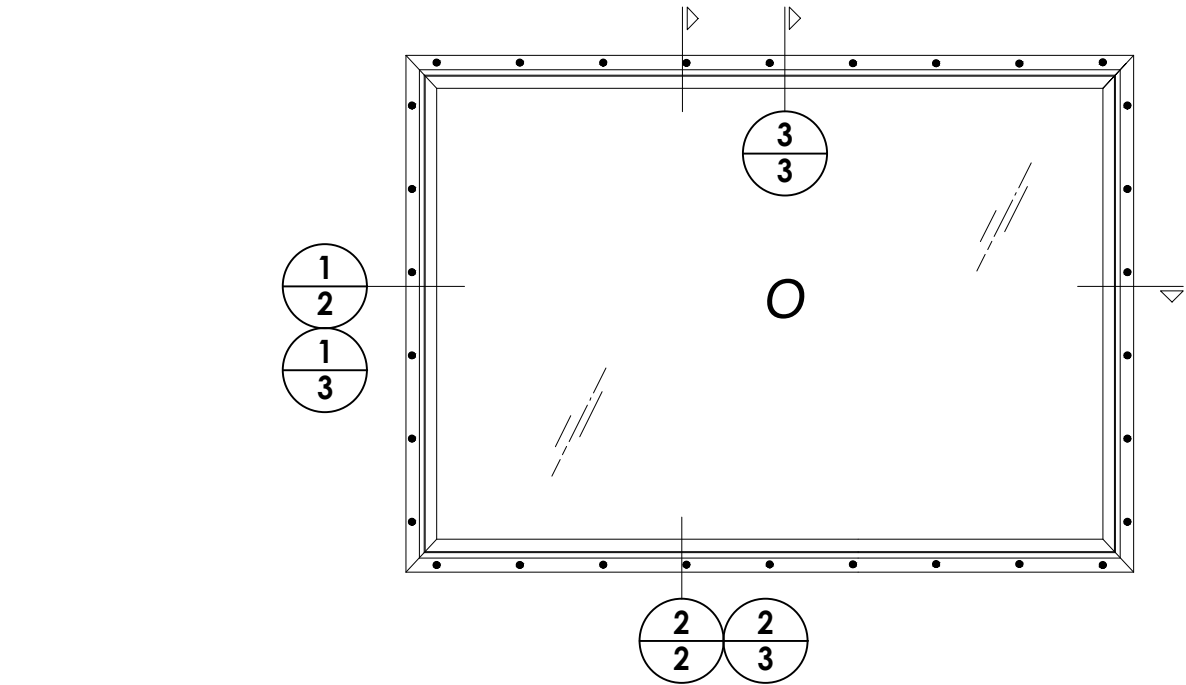
CHK. BY: LFS

DRAWING NO.: FL-9909.12

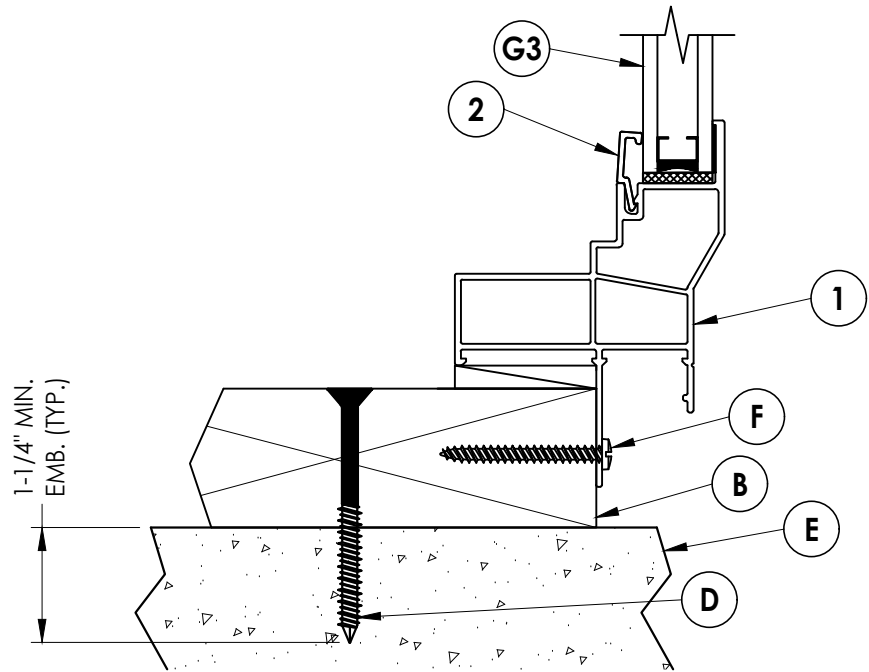
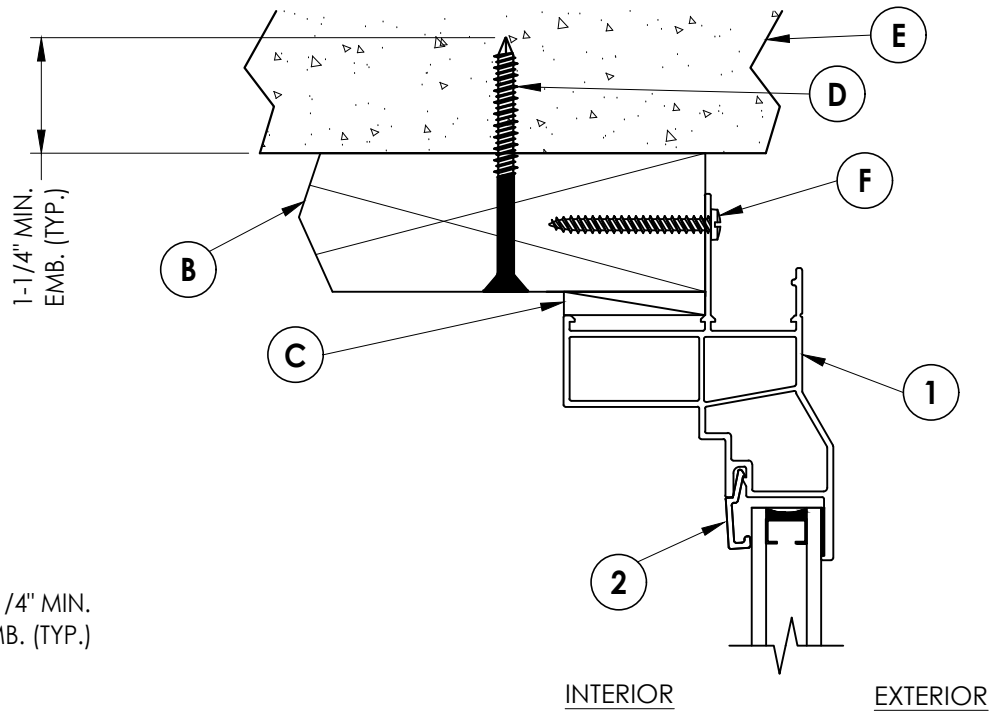
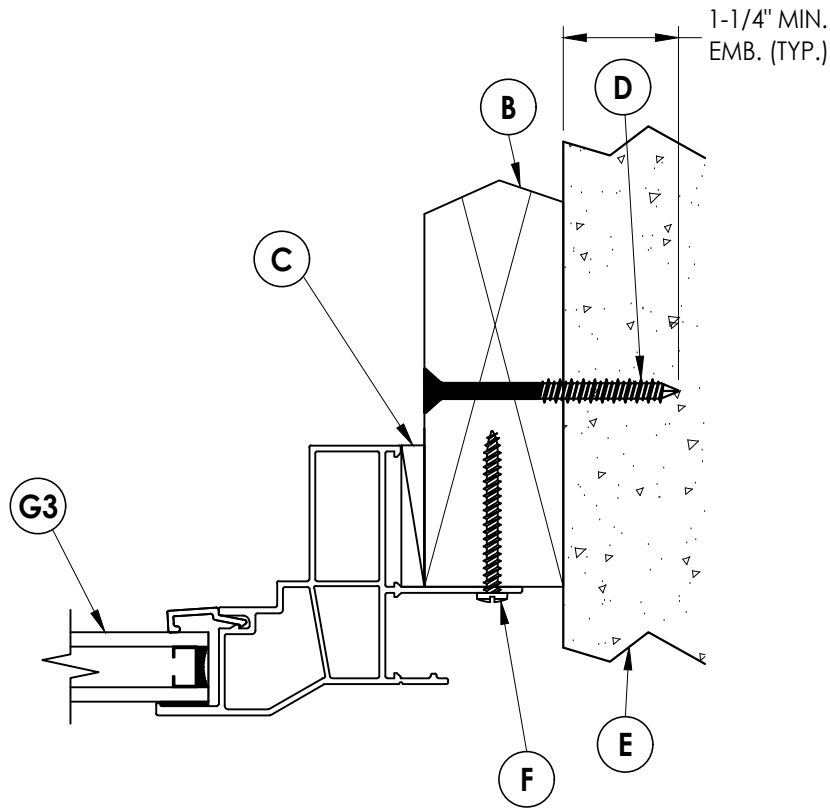
SHEET 1 OF 5

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

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1
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION

DATE		NO.		DATE	
7	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
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NO.		DATE		BY	

DATE: 12/3/08

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

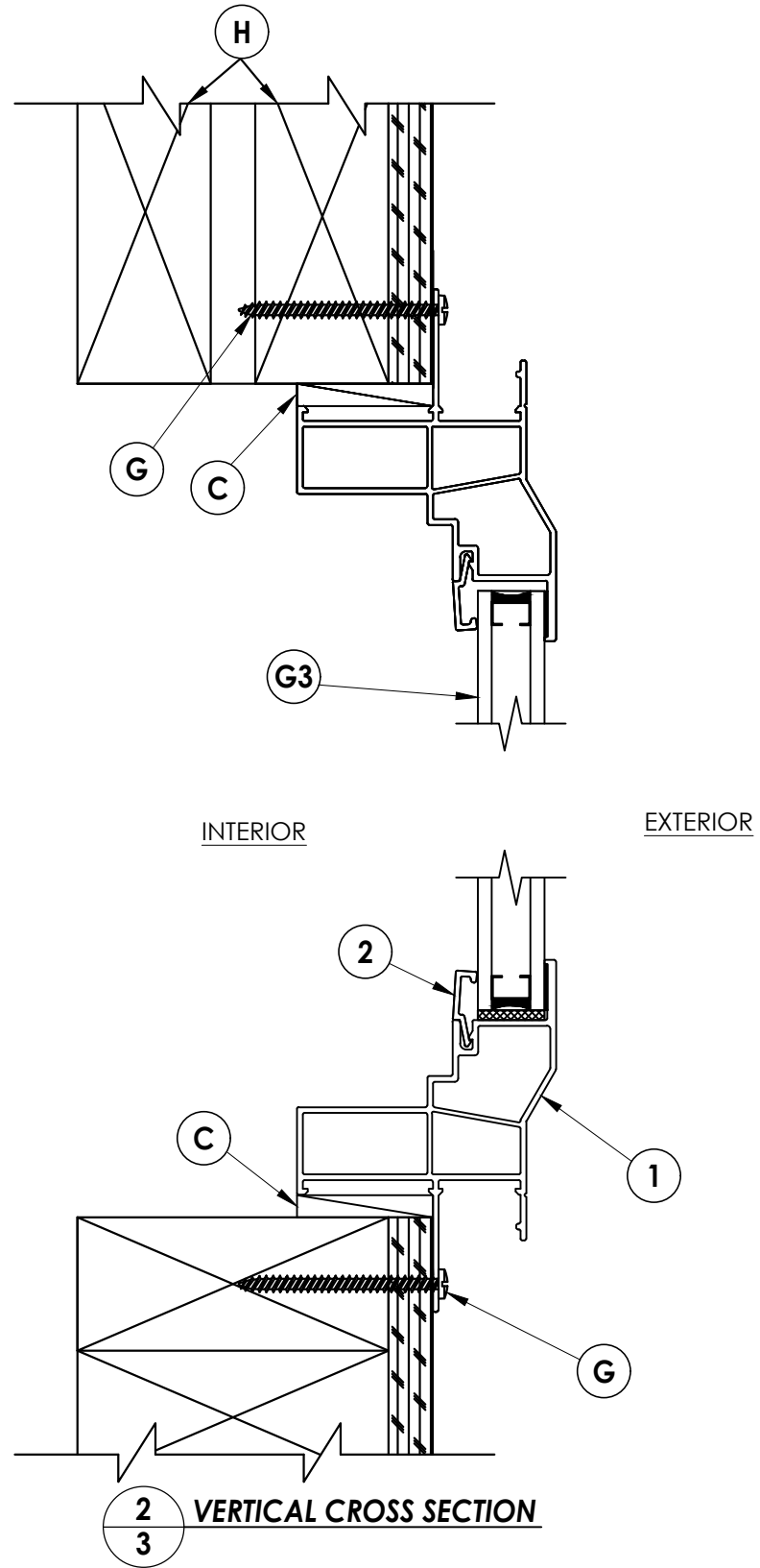
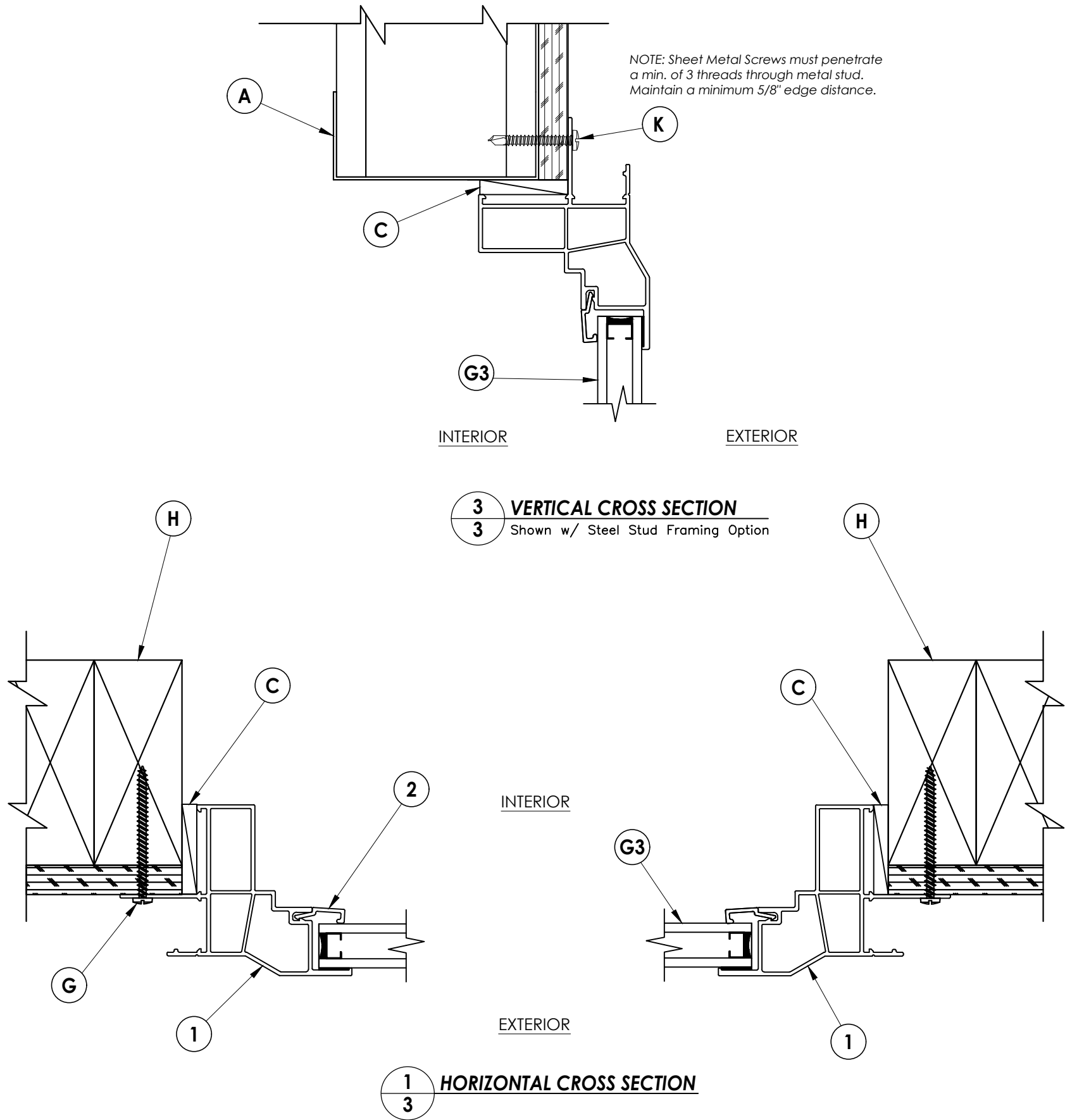
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FL-9909.12

SHEET 2 OF 5

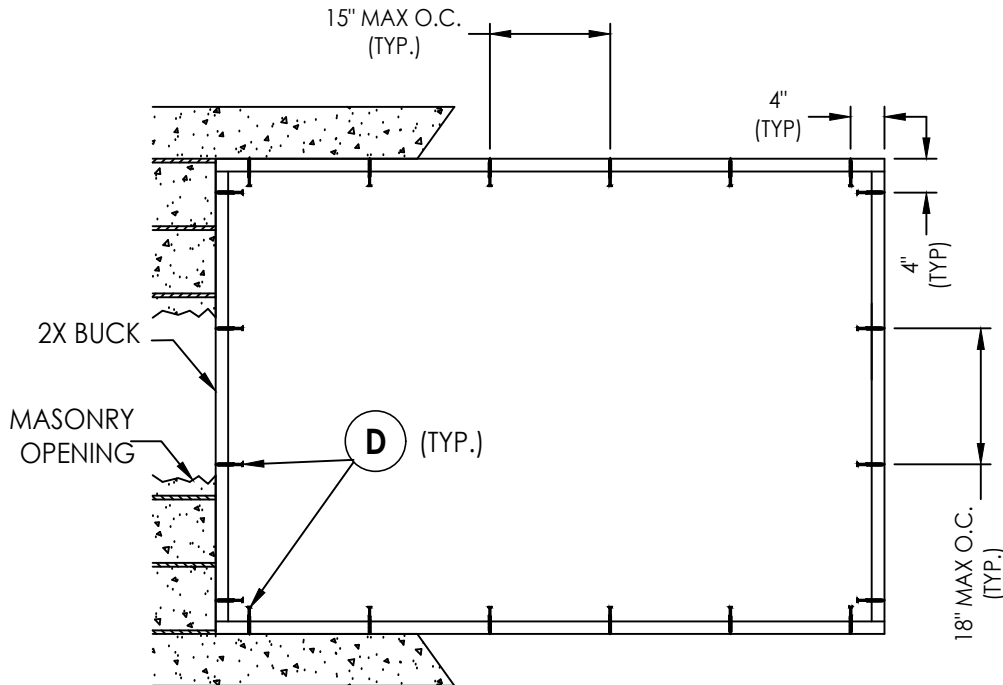
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

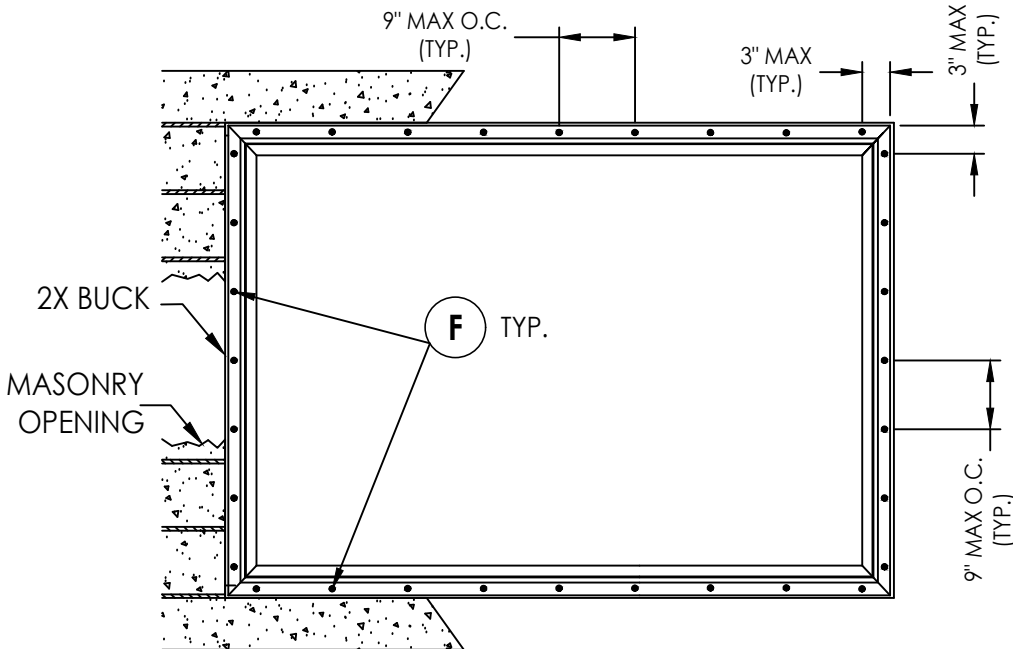
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BUCK ANCHORING
(2x Buck)



FRAME ANCHORING

Masonry construction

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:

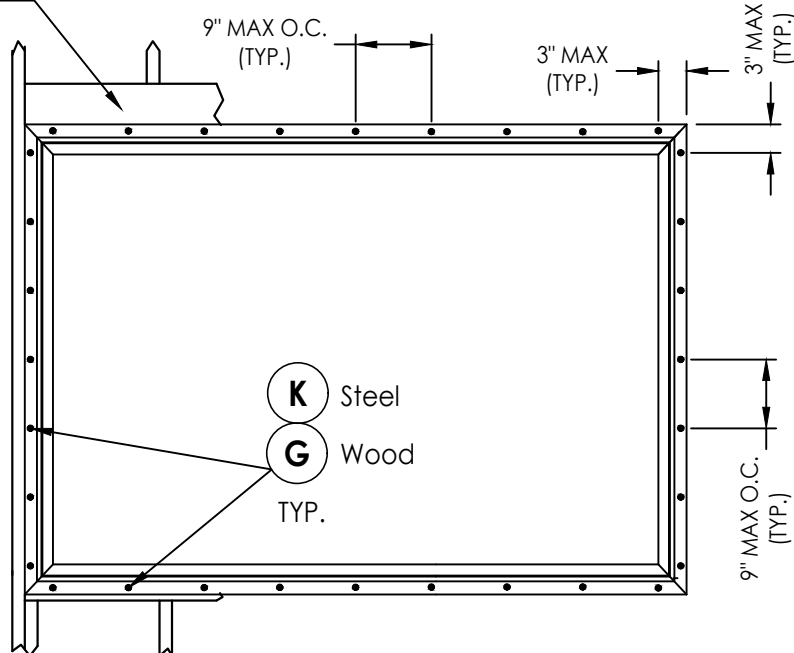
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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 TAPCON®	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.

2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED



FRAME ANCHORING

[illegible]

DATE: 12/03/08

SCALE: *N.T.S*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-9909.12

SHEET 4 OF 5

Documents Prepared By:
Lyndon F. Schmidt
P E No 13408

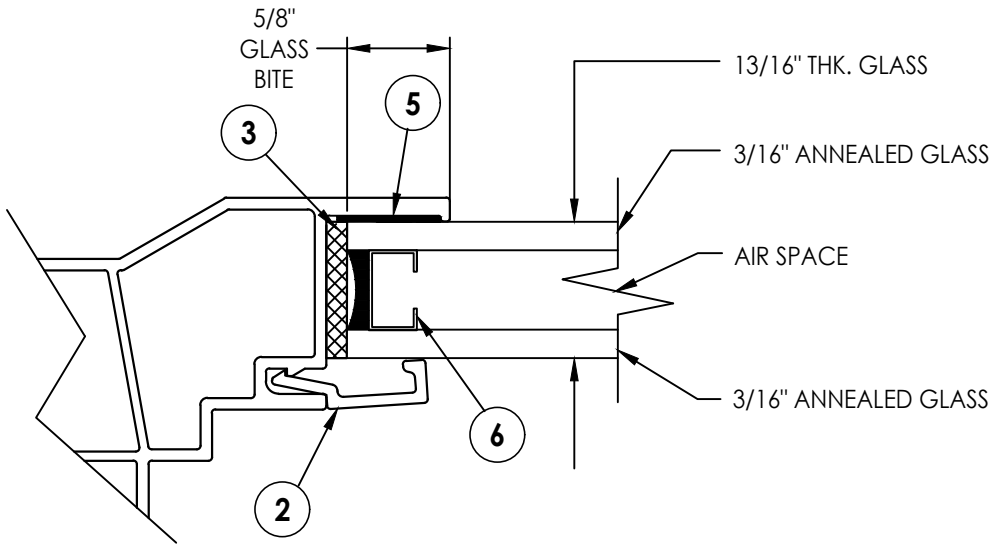
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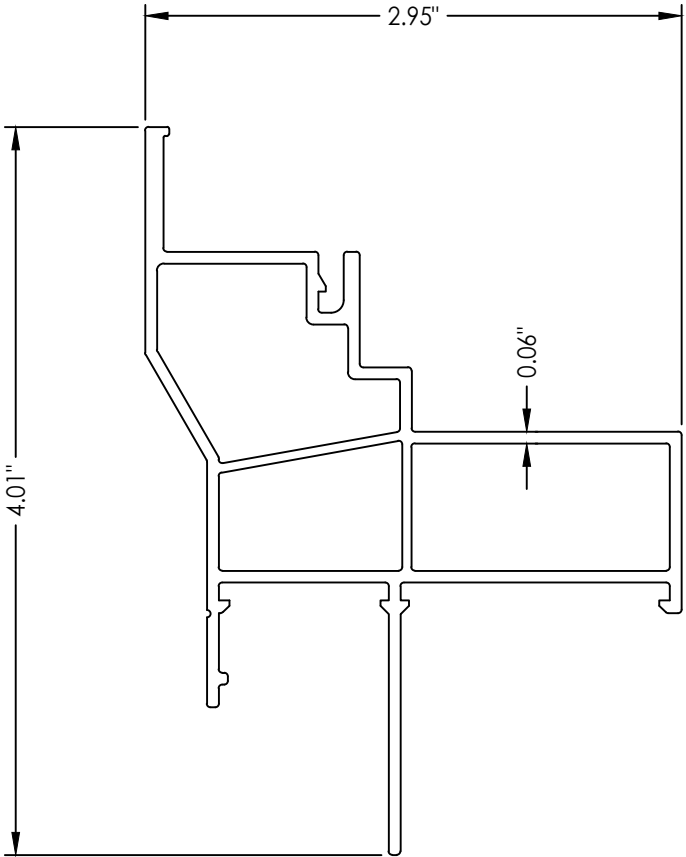
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	2X FRAMING (SG >= 0.42)	WOOD
K	#10 x 1-1/2" PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-
4	SCREW HOLE COVER CAP	PVC
5	GLAZING SEALANT	SILICONE
6	GLAZING SPACER	STEEL

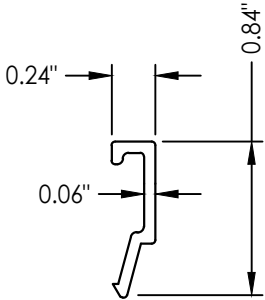
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G3 GLAZING DETAIL



1 FRAME



2 GLAZING BEAD

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: FIXED WINDOW				PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS			
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
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DRAWING NO.: FL-9909.12							
SHEET 5 OF 5							