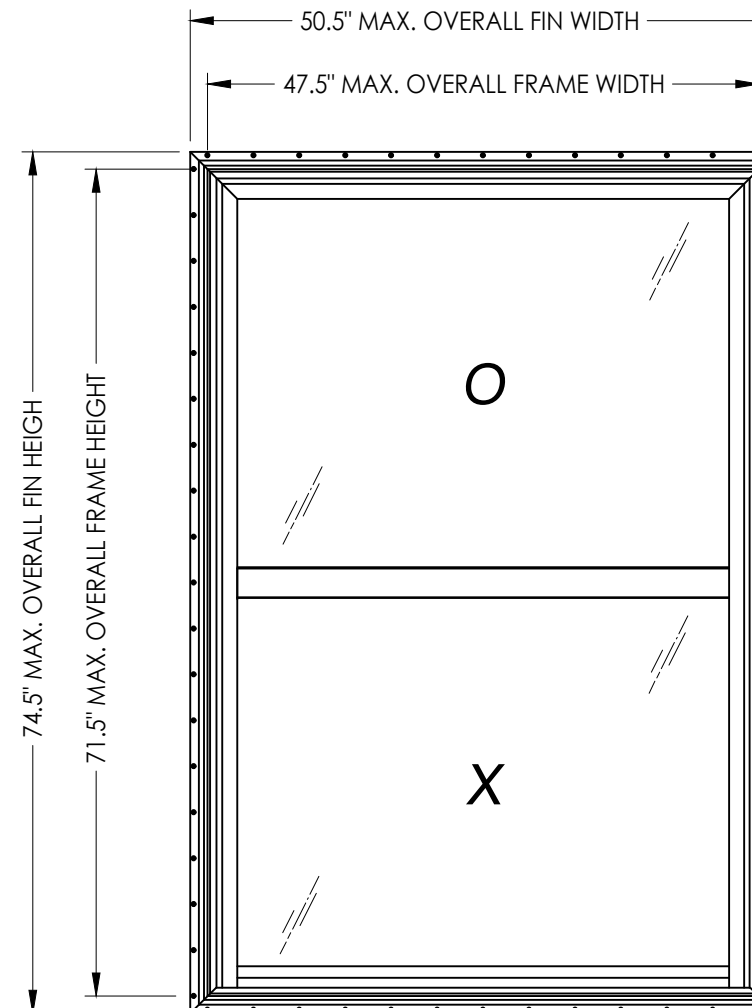




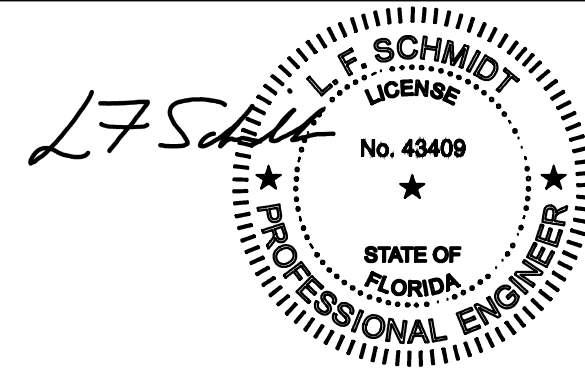
MODEL 5110
PVC SINGLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"

1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone". 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, stucco, foam, brick and other wall coverings.
3. Wood screws shall be installed following installation instructions of ANSI/AWC NDS 2018. All other fastener types to be installed following fastener manufacturer's installation instructions.
4. Fastener embedment depths, edge distances and center-center distances shall be as specified by the fastener manufacturer but in no instance shall they be less than shown in this drawing.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with this drawing shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Cross sections, glazing details & bill of materials
3	Buck & frame anchoring



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	GLAZING	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
50.5" x 74.5"	47.5" x 71.5"	G1	+25.0	-25.0
50.5" x 74.5"	47.5" x 71.5"	G2	+50.0	-66.0



Digitally signed by Lyndon F Schmidt
Date: 2024.10.25 09:49:47 -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

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

PRODUCT: SINGLE HUNG WINDOW

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

[illegible]

DATE: 10/24/24

SCALE: N.T.S.

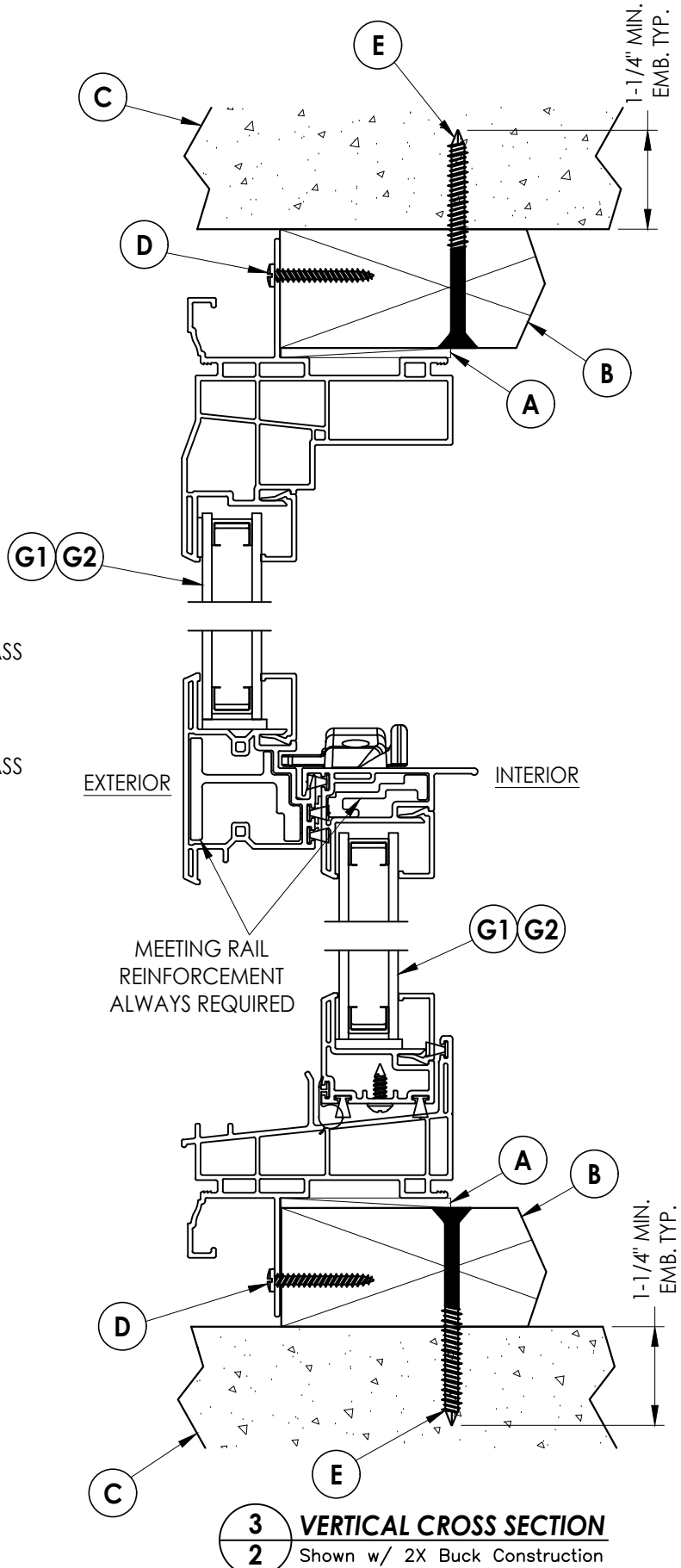
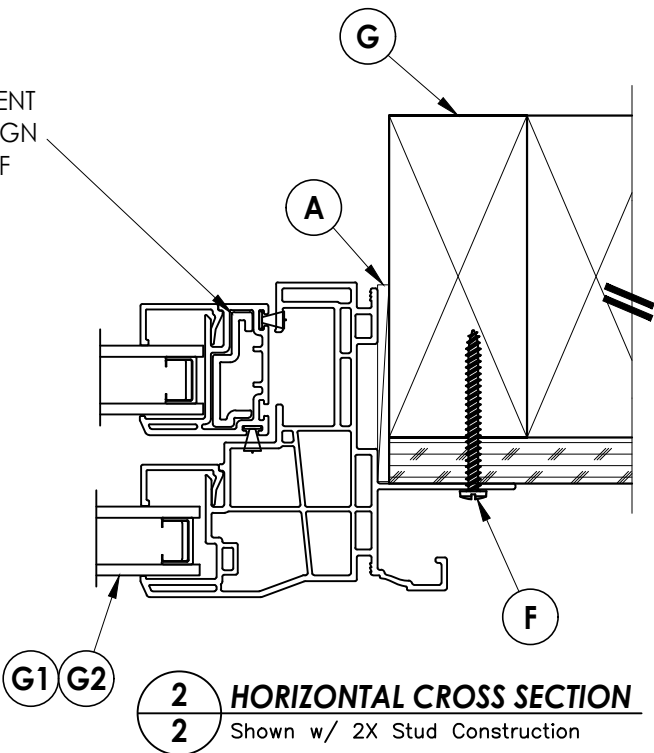
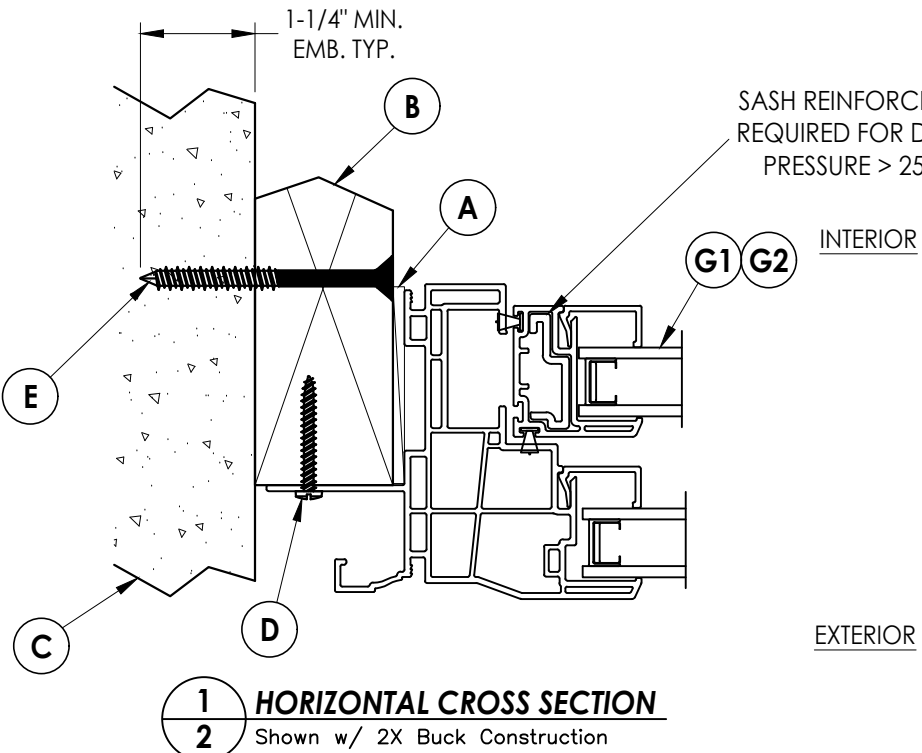
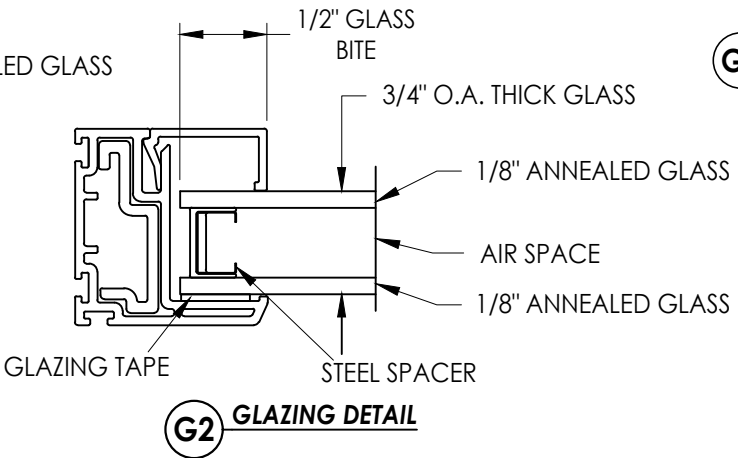
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CHK. BY: *RW*

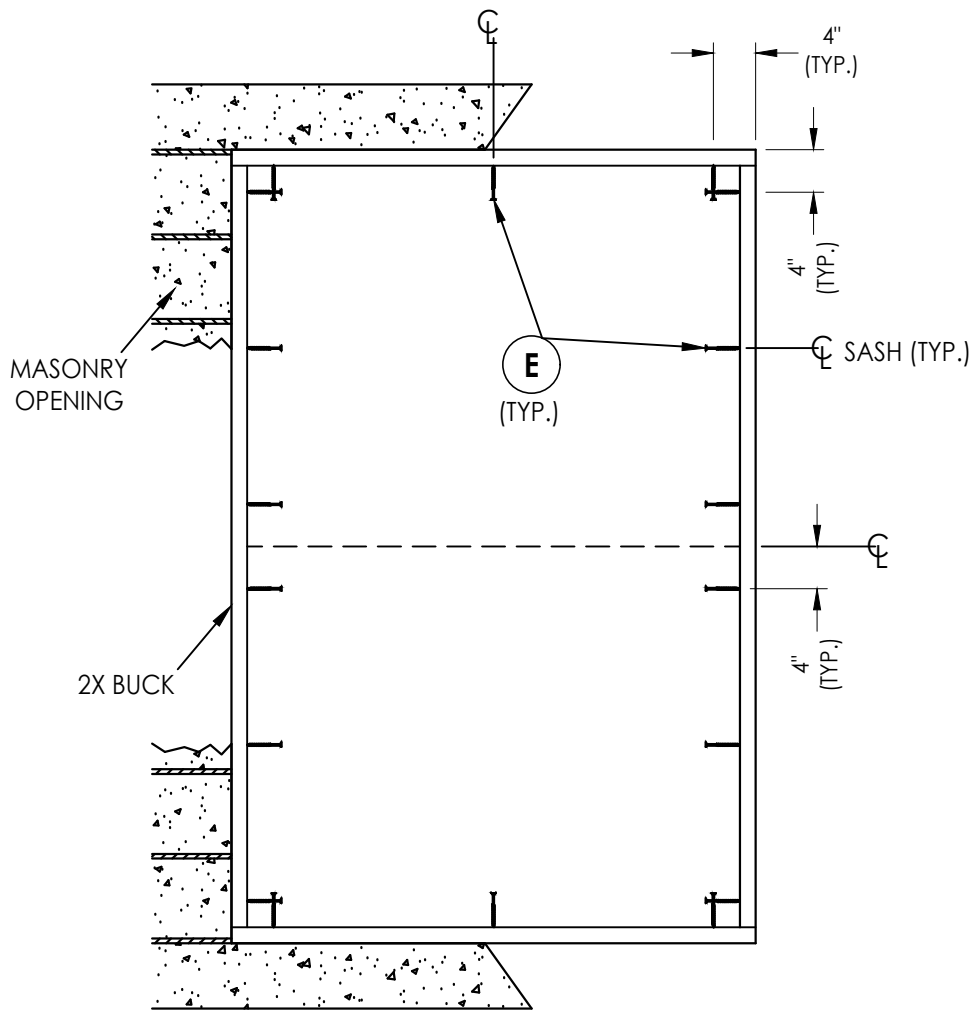
DRAWING NO.:

FL-993.13

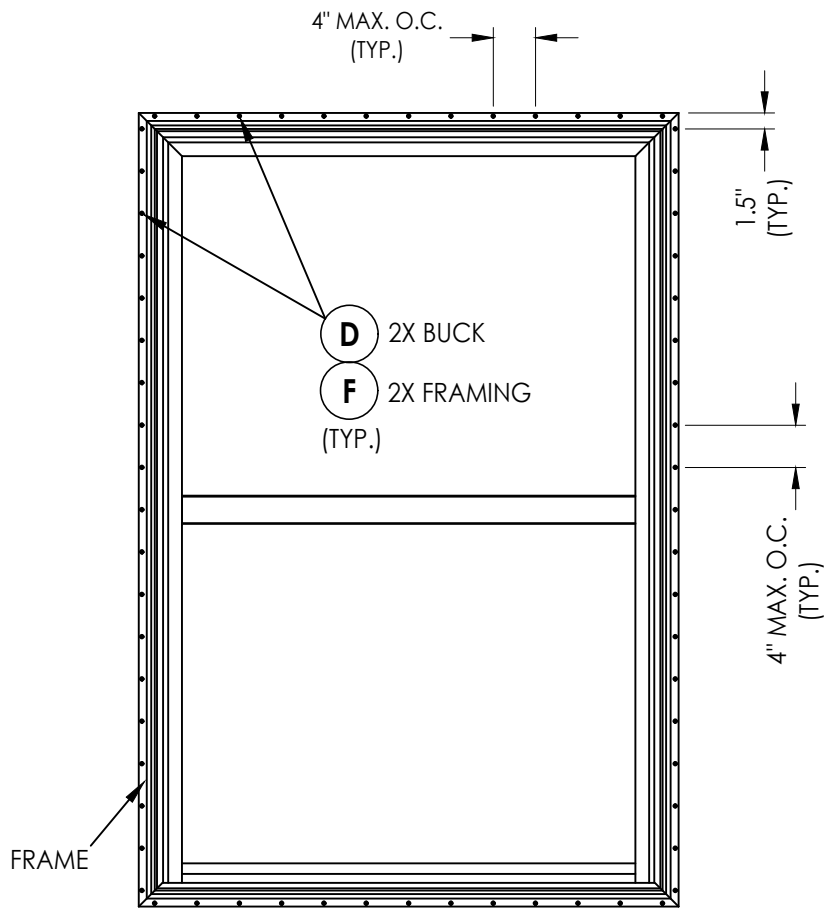
SHEET 1 OF 3



DATE: 10/24/24		REVISIONS		NO. DATE		BY	
DRAWING NO.: FL-993.13							
CHK. BY: RW							
DWG. BY: LFS							
SCALE: N.T.S.							
DATE: 10/24/24							
PRODUCT: SINGLE HUNG WINDOW							
PART OR ASSEMBLY: CROSS SECTIONS, GLAZING DETAILS & BILL OF MATERIALS							
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					
SHEET 2 OF 3							



BUCK ANCHORING



FRAME ANCHORING

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 ULTRACON+®	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.

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

SINGLE HUNG WINDOW

BUCK & FRAME ANCHORING

DATE: 10/24/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-993.13

SHEET 3 OF 3

REVISIONS

NO.	DATE	BY

RW

BUILDING CONSULTANTS, INC.

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Phone No.: 813.659.9197

FBPE Registry No. 9813

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