

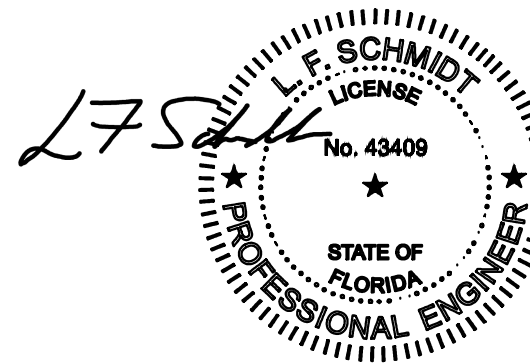


SERIES 3400/3405
PVC HORIZONTAL SLIDING WINDOW
w/ NAILING FIN
"NON-IMPACT"

GENERAL NOTES

1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) 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. 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.
4. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
5. 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.
6. 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

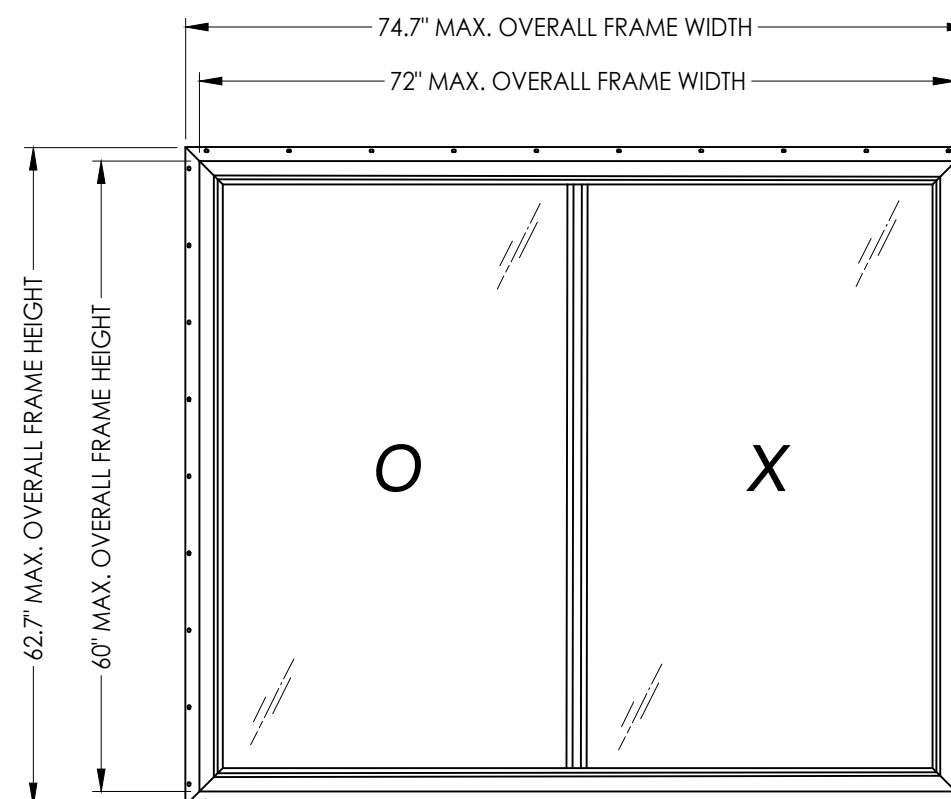


Digitally signed by
Lyndon F Schmidt
Date: 2026.01.07
15:32:03 -05'00'

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



MAX. O.A. FIN DIMENSION	MAX. O.A. FRAME. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
74.7" X 62.7"	72.0" X 60.0"	+30.0	-30.0

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

PRODUCT:

HORIZONTAL SLIDING WINDOW

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

BY

REVISIONS

DATE: 11/06/25

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

FL-46123.1

SHEET 1 OF 3

A detailed cross-sectional diagram of a double-pane window unit. The diagram illustrates the internal structure, including the glass panes, the spacer, and the sealing components. Labels with leader lines point to the following parts:

- 1/2" GLASS BITE**: Points to the edge of the glass pane where it is secured.
- GLAZING TAPE**: Points to the tape used to seal the glass into the frame.
- 3/4" O.A. THICK GLASS**: Points to the outer glass pane.
- 1/8" ANNEALED GLASS**: Points to the inner glass pane.
- AIR SPACE**: Points to the gap between the two glass panes.
- 1/8" ANNEALED GLASS**: Points to the inner glass pane (repeated label).
- ALUMINUM/BUTYL SPACER**: Points to the spacer bar that holds the panes apart.

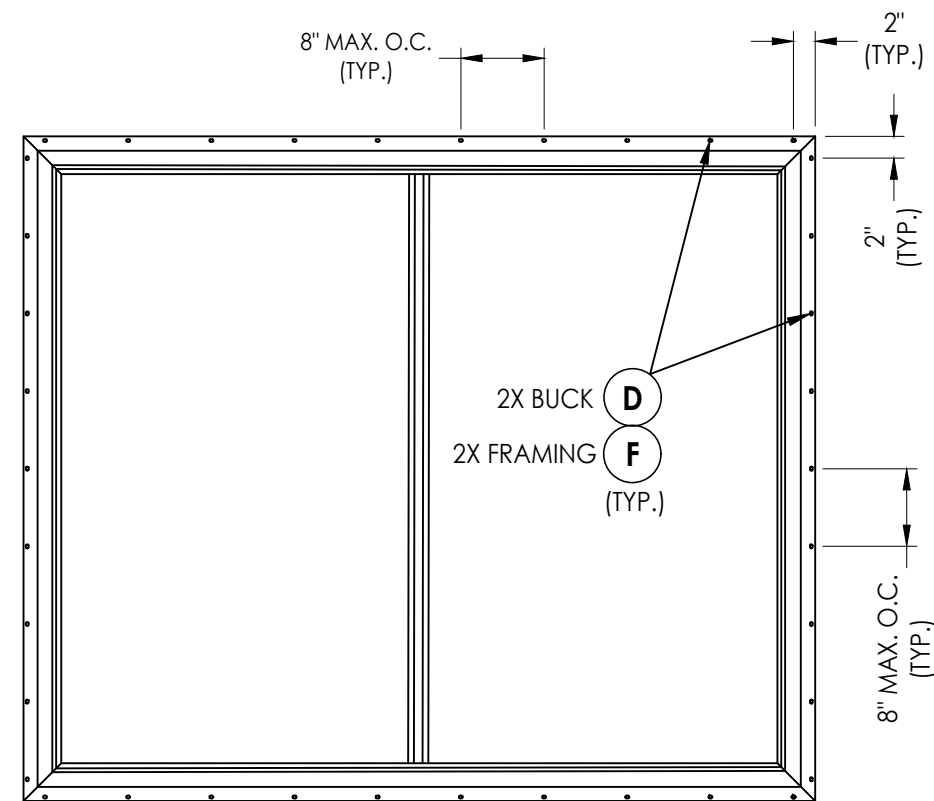
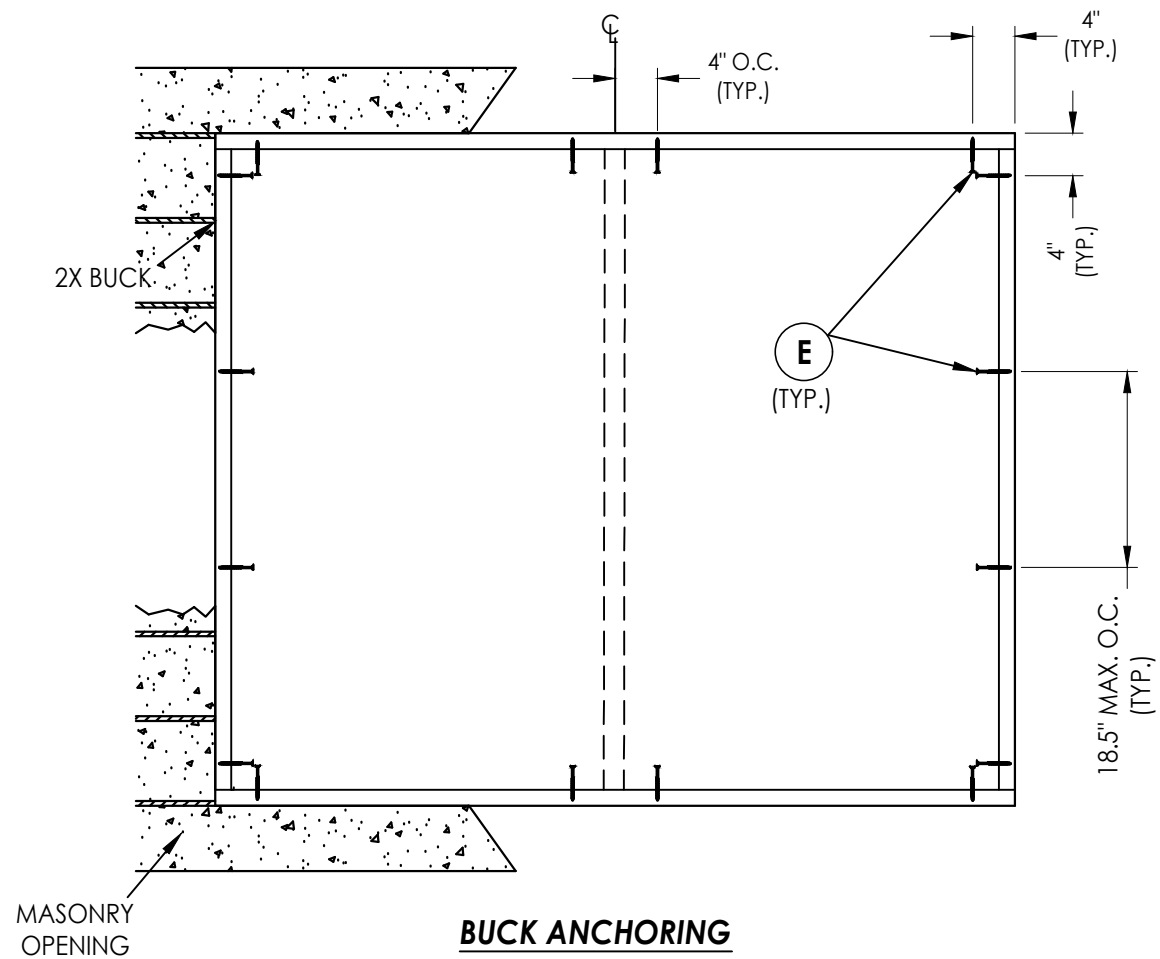
Technical diagram illustrating the assembly of a window or door frame, showing both the exterior and interior views. The diagram includes the following components and labels:

- A:** Points to the main frame or sash assembly.
- B:** Points to the weatherstripping or sealant.
- C:** Points to the exterior finish or cladding.
- D:** Points to the fastener (screw) securing the exterior finish.
- E:** Points to the insulation material.
- G:** Points to the interior finish or cladding.
- G1:** Points to the interior frame or sash assembly.

Additional specifications shown on the right side of the diagram:

- 1-1/4" MIN. EMB. TYP.:** Minimum embedment depth of the fastener into the insulation.

© 2025 R.W. BUILDING CONSULTANTS INC.



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.

[illegible]

DATE: 11/06/25

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-46123.1

SHEET 3 OF 3

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

© 2025 R.W. BUILDING CONSULTANTS INC.