

Z:\2023 FBC Drawings\Lippert Components, Inc\FL-48131 Single Hung\FL-48131.3.dwg



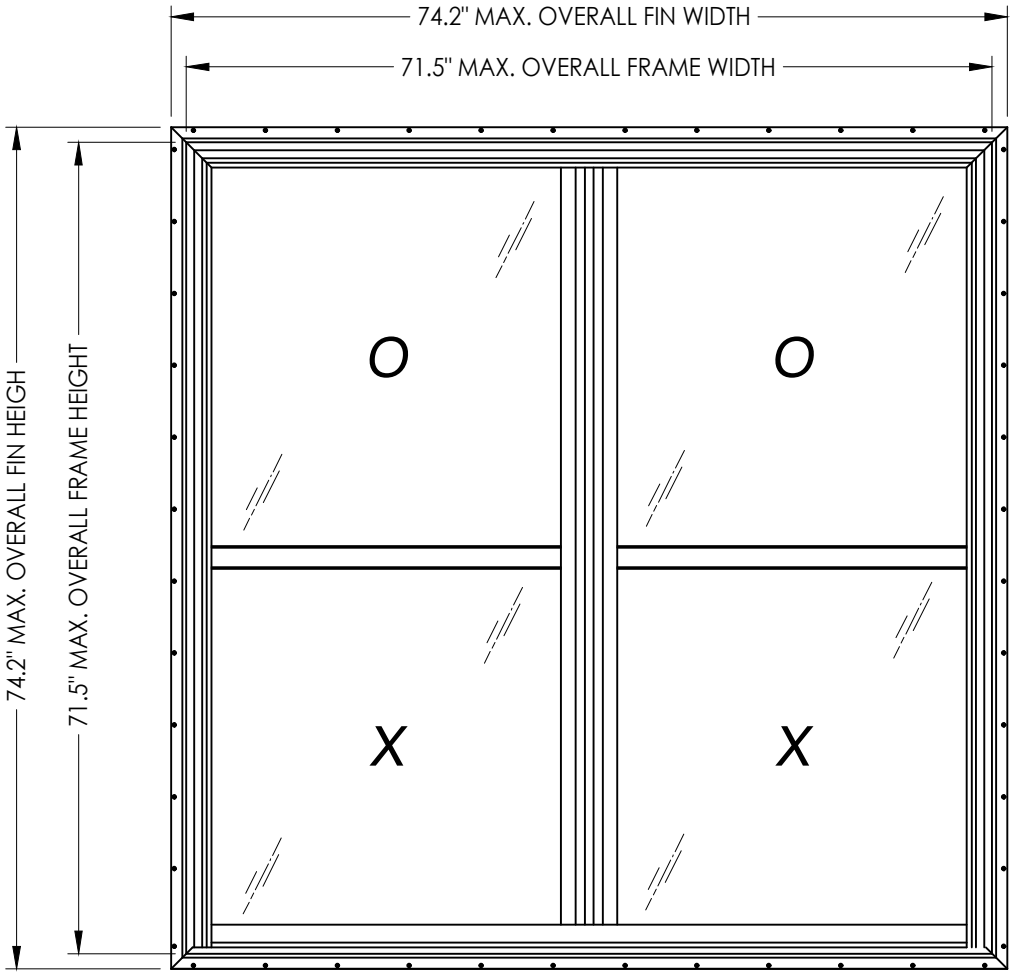
3501 CR 6 EAST
ELKHART, IN 46514

SERIES 3400/3405
PVC TWIN SINGLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"

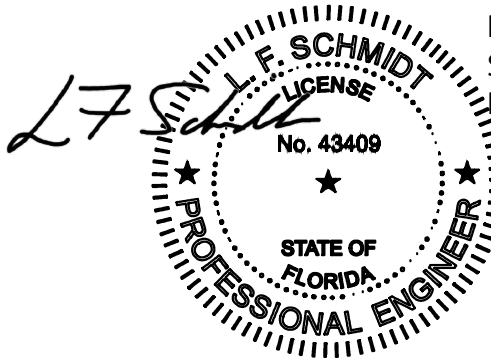
GENERAL NOTES

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	Horizontal & Vertical Cross Sections, Glazing Detail & BOM
3	Buck & Frame Anchoring



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
74.2" x 74.2"	71.5" x 71.5"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.04.02 15:20:55 -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: TWIN SINGLE HUNG WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		BY	
		DATE	
		NO.	
		REVISIONS	
DATE: 3/24/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-48131.3			
SHEET 1 OF 3			

1/2" GLASS BITE

3/4" O.A. THICK GLASS

3/32" ANNEALED GLASS

AIR SPACE

3/32" ANNEALED GLASS

SILICONE SEALANT

STEEL SPACER w/ BUTYL

SERIES 3400
w/ "J" FRAME

SERIES 3405
w/out "J" FRAME

EXTERIOR

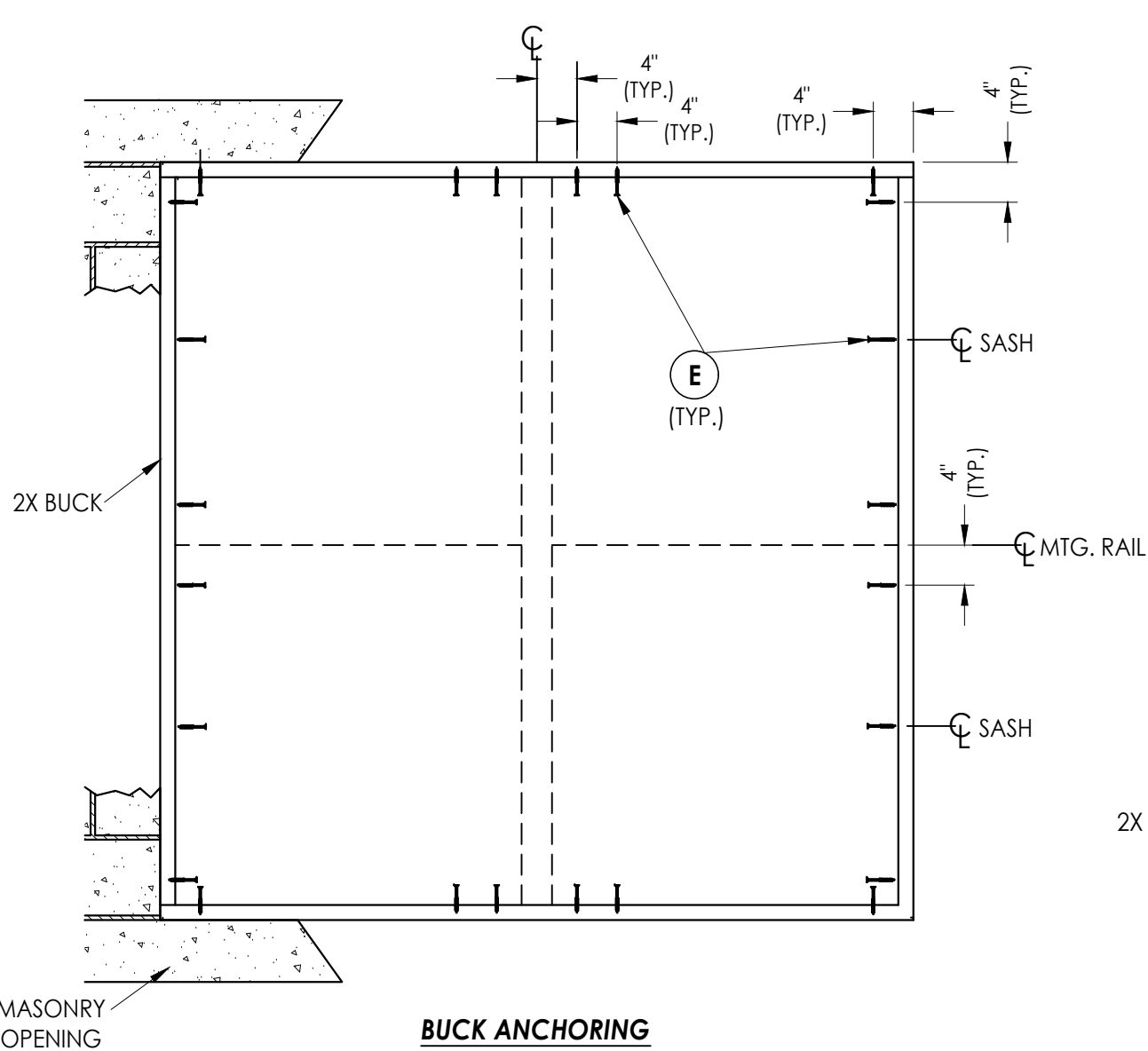
2
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Stud Construction

The diagram illustrates the vertical cross-section of a window frame assembly. The top half shows the exterior view, and the bottom half shows the interior view. Key components are labeled with callouts: A (Frame), B (Glass), C (Concrete), D (Screw), E (Screw), G1 (Gasket), and J (Screw). The diagram also indicates a minimum embedment depth of 1-1/4" MIN. EMB. TYP. for the concrete. The bottom half of the diagram shows the interior view, highlighting the gasket (G1) and the frame (A) and glass (B) assembly. The diagram is labeled '3' and '2' in a circle, indicating it is a vertical cross section.

3
2 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck Construction

3 VERTICAL CROSS SECTION
2 Shown w/ 2X Buck Construction

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BUCK ANCHORING

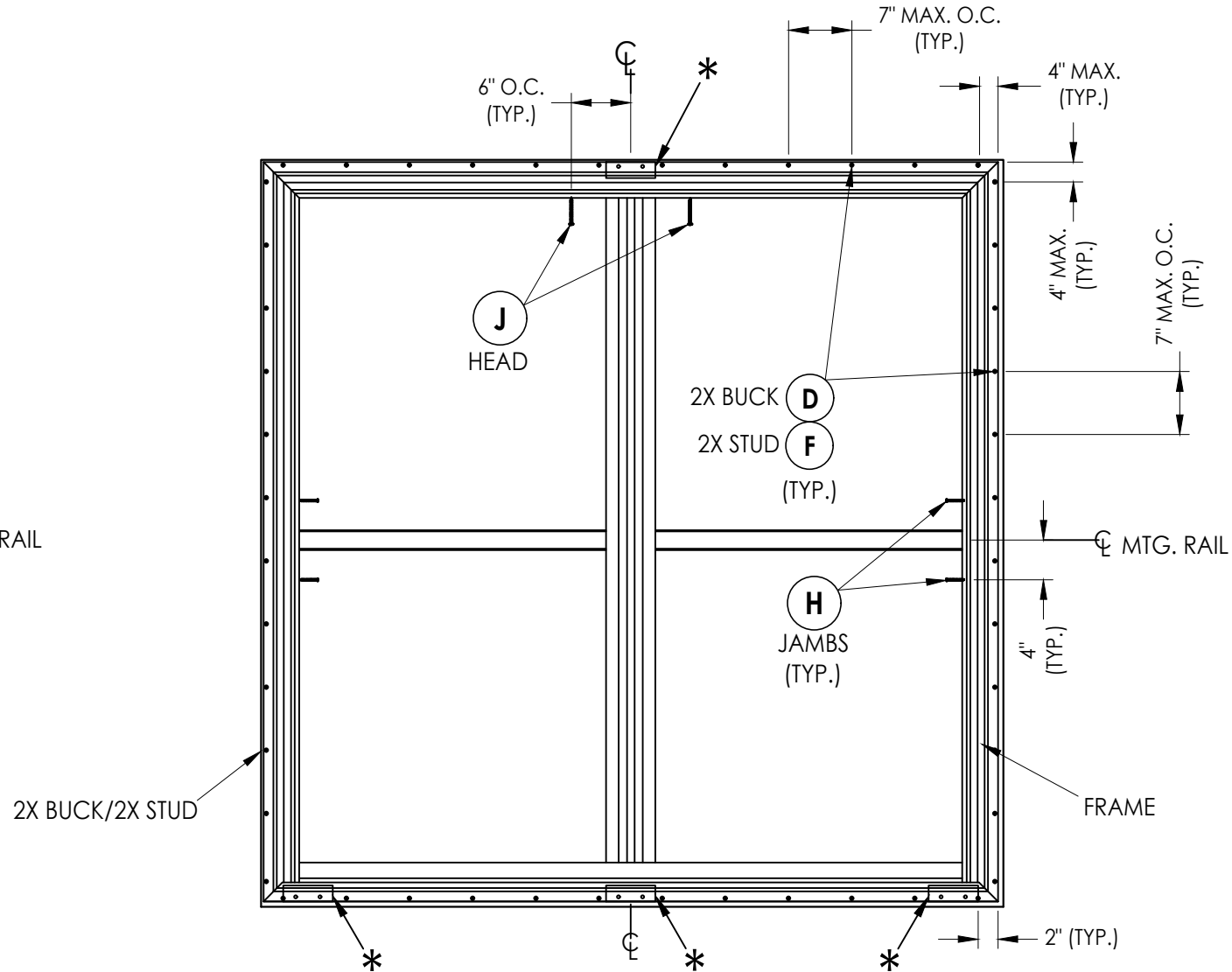
CONCRETE ANCHOR NOTES:

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"

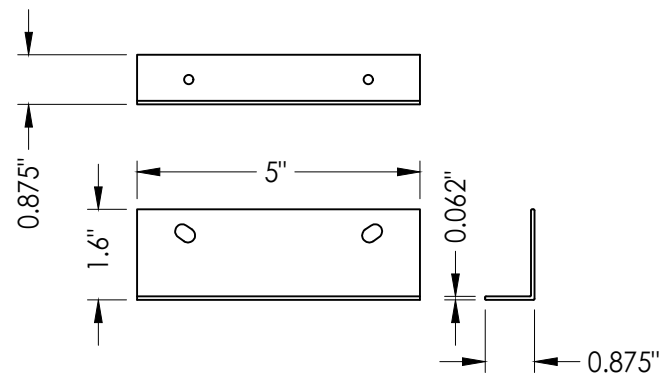
WOOD SCREW INSTALLATION NOTES:

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



FRAME ANCHORING

- * 5" LONG ALUMINUM L-BRACKETS (NAIL FIN STIFFENERS) SECURED TO THE BUCK w/ (2) #8 X 3" PH SMS PLUS (2) #8 X 1/2" PH SMS TO THE FRAME. (3) BRACKETS PER SILL & (1) BRACKET AT THE HEAD (4 TOTAL).



ALUMINUM L-BRACKET

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SHEET 3 OF 3