

R:\Clients\Window Technology (Wintech) PERMANENT\A - Florida Product Approvals\FL-16259\A - Drawings\FL 16259 (2017)\FL-16259.2.dwg, FL-16259.2



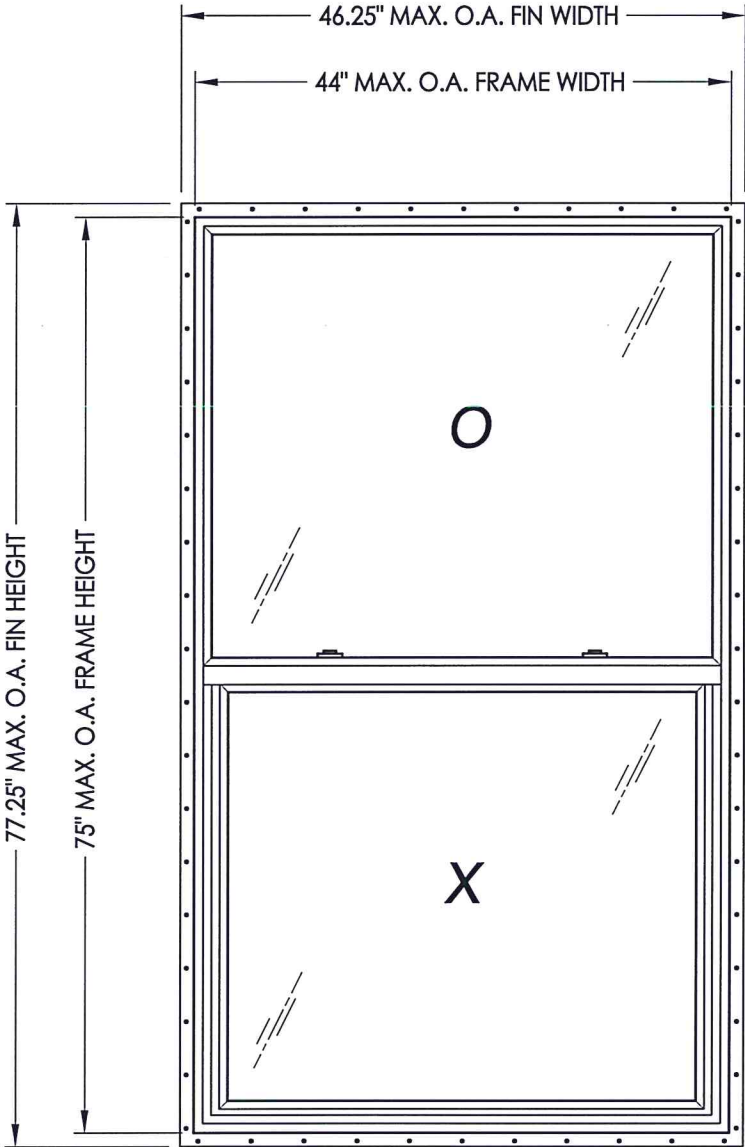
Window Technology, Inc.
201 Industrial Drive Monett, MO 65708

Series S70
Vinyl Single Hung Window
w/ Nail Fin
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 6th Edition (2017) 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.

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MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
24.0" X 54.0"	21.31" X 24.5"	G1	+50.0	-50.0
36.0" X 60.0"	33.31" X 27.5"	G1	+45.0	-45.0
44.0" X 75.0"	41.31" X 35.0"	G1	+30.0	-30.0

FLORIDA

SCHMIDT

LICENSE

No. 43409

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

October 08, 2017

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

700

October 08, 2017

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 C.A. No. 9813

PRODUCT:

Vinyl Single Hung Window

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.

DATE

BY

REVISIONS

DATE: 10/08/15

SCALE: N.T.S.

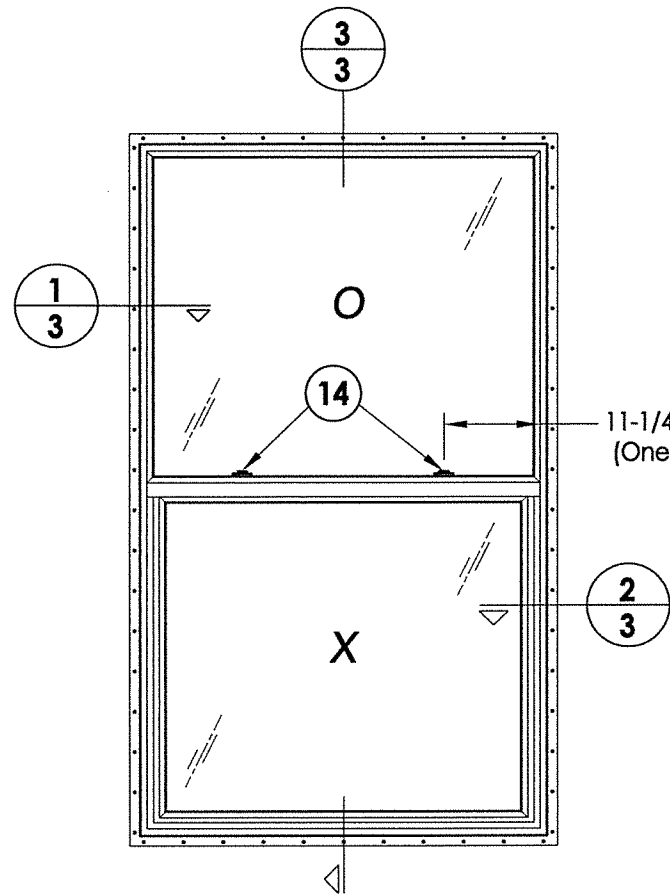
DWG. BY: JK

CHK. BY: LFS

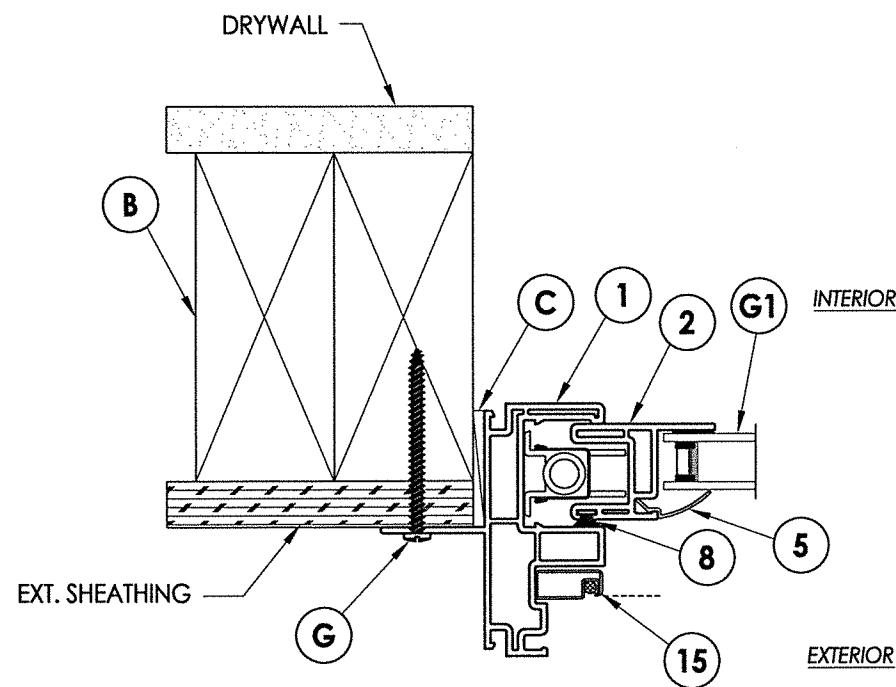
DRAWING NO.: FL-16259.2

SHEET 1 OF 5

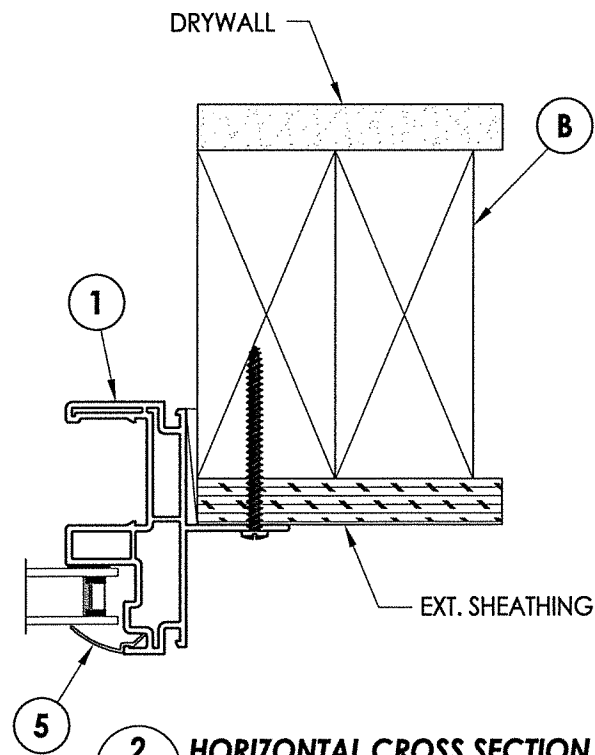
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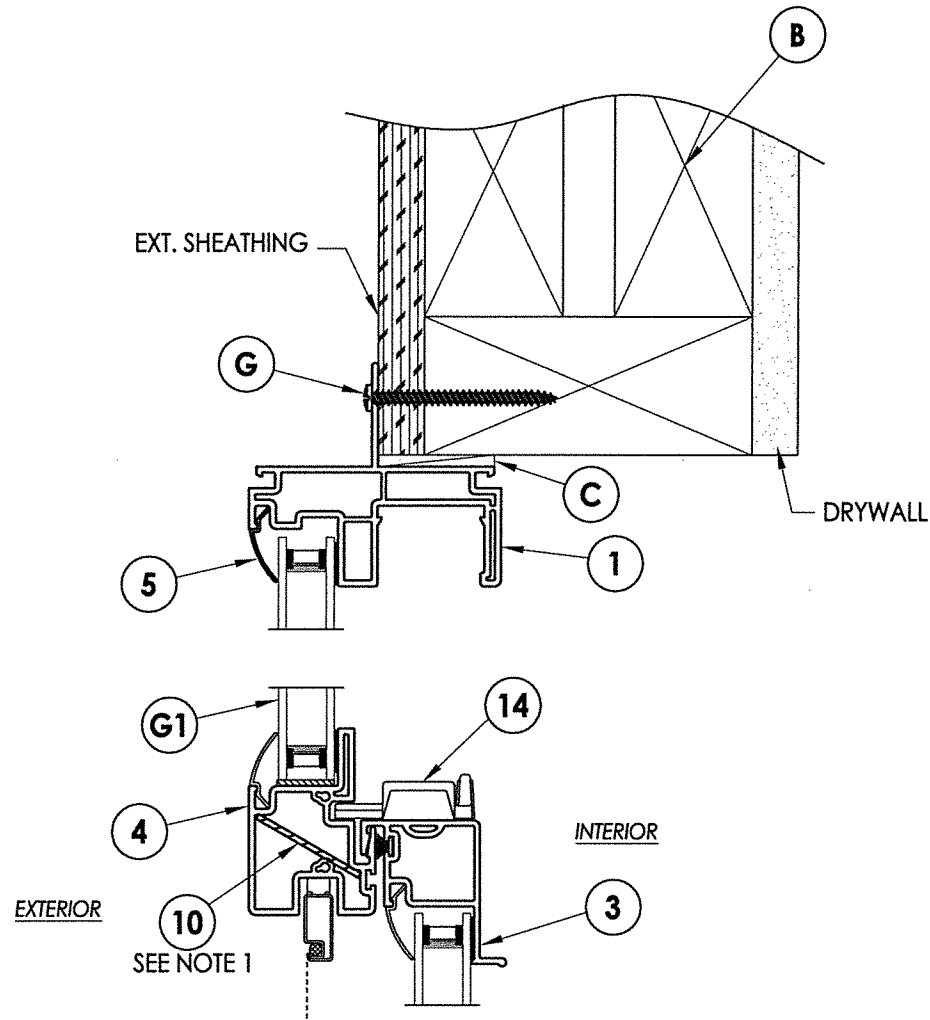
NOTE:
1. Steel reinforcement is required for
window sizes > 36" x 60".



1
3 HORIZONTAL CROSS SECTION
2X Framing



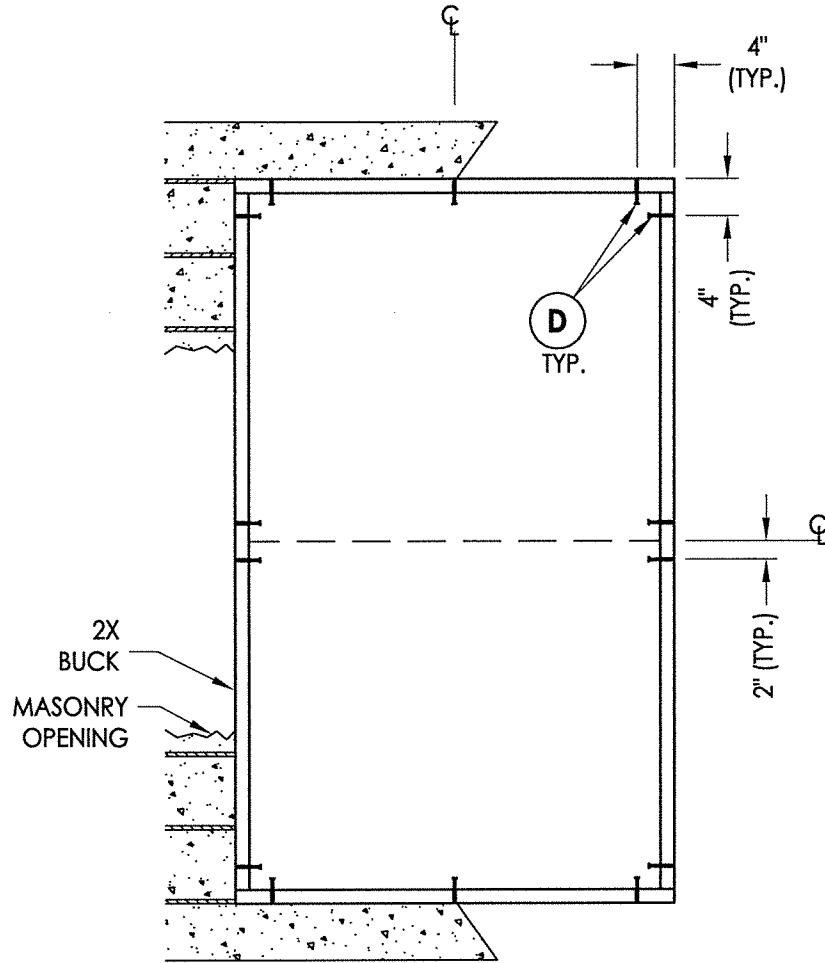
2
3 HORIZONTAL CROSS SECTION
2X Framing



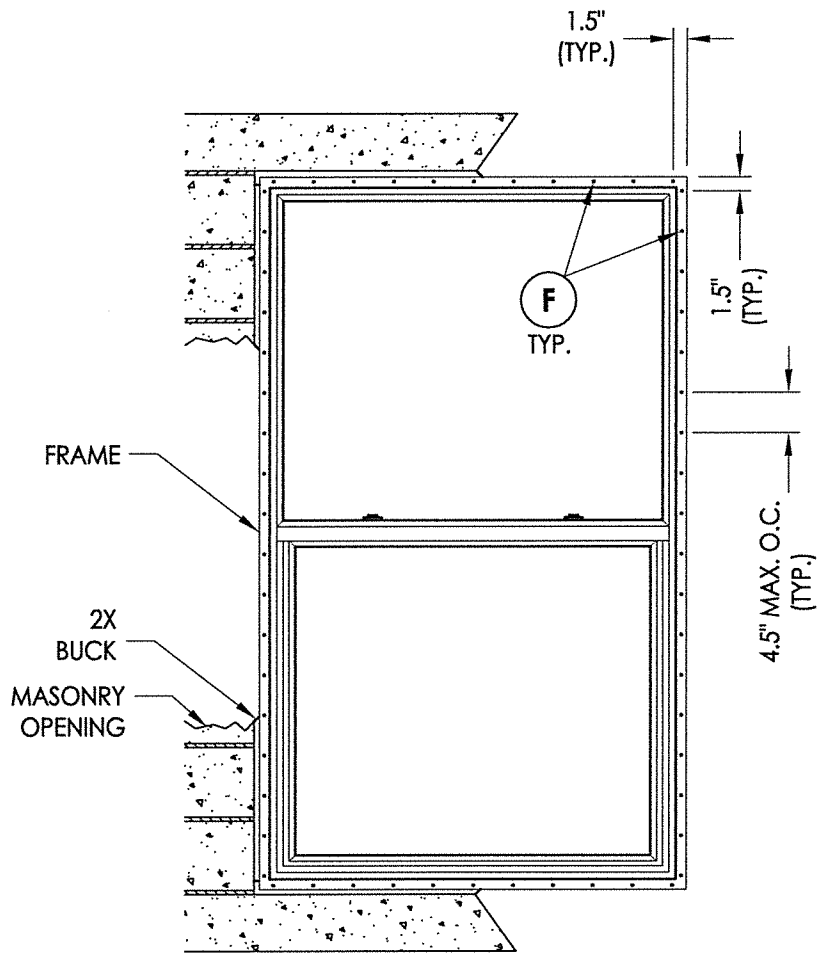
3
3 VERTICAL CROSS SECTION
2X Framing

Professional Engineer
F. SCHMIDT
LICENSE
No. 43409
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P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		Vinyl Single Hung Window	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS	

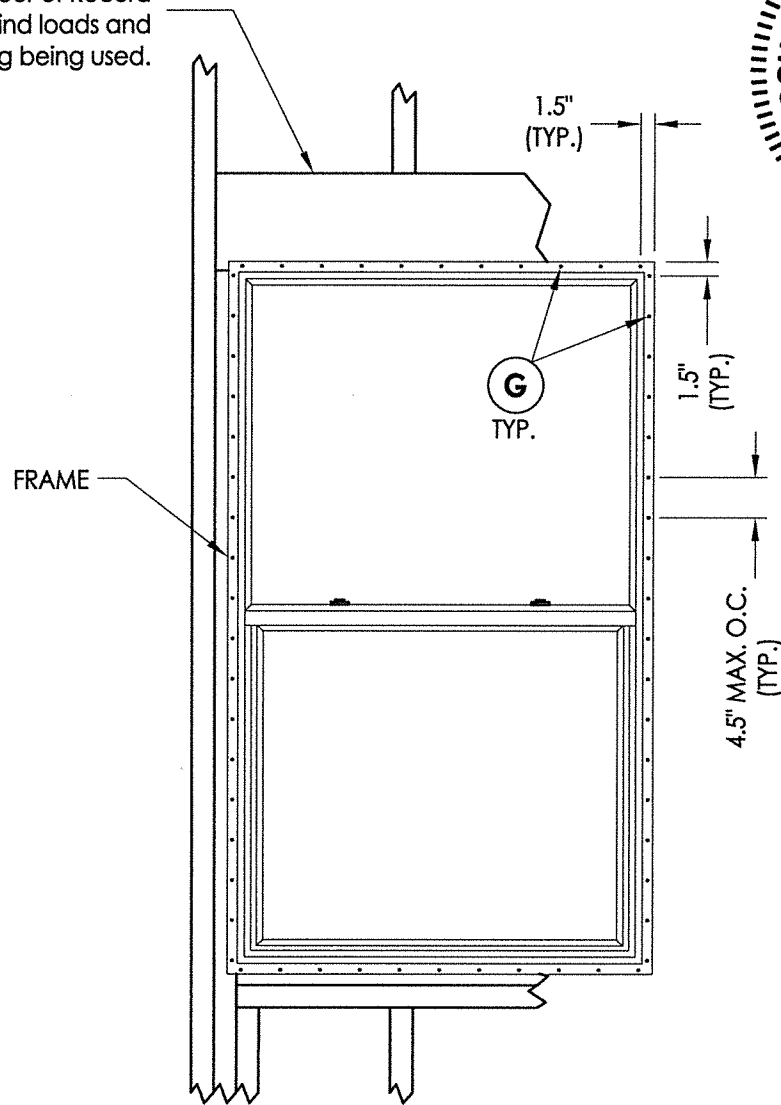


BUCK ANCHORING



FRAME ANCHORING
2X Buck (Masonry)

2X Framing to be designed by
Architect or Engineer of Record
based on wind loads and
the cladding being used.



FRAME ANCHORING

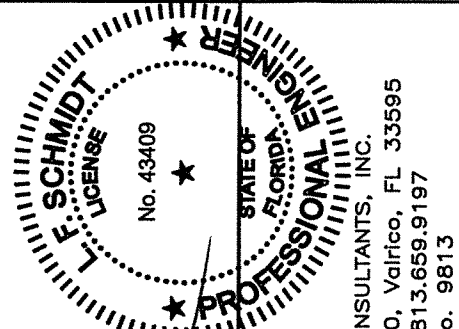
CONCRETE ANCHOR NOTES:

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"
ELCO 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.



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PRODUCT: Vinyl Single Hung Window

PART OR ASSEMBLY:
**BUCK &
FRAME ANCHORING**

[illegible]

DATE: 10/08/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16259.2

SHEET 4 OF 5

