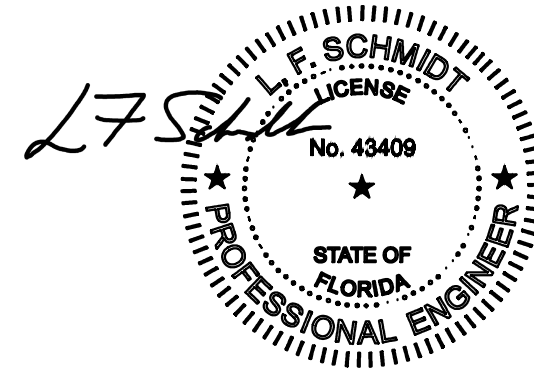
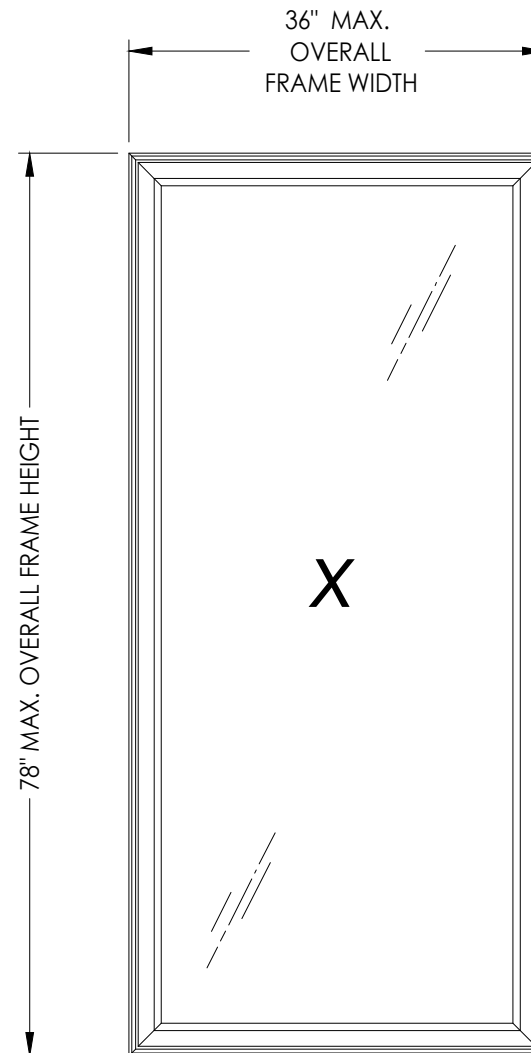




SERIES 0971
PVC VENT CASEMENT WINDOW
"NON-IMPACT"

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. 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



Digitally signed by Lyndon F Schmidt
Date: 2023.07.17 08:32:43 -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

OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
36.0" x 78.0"	30.38" x 72.38"	G1	+40.0	-40.0
36.0" x 60.0"	30.38" x 54.38"	G1	+50.0	-50.0
24.0" x 48.0"	18.38" x 42.38"	G1	+70.0	-70.0

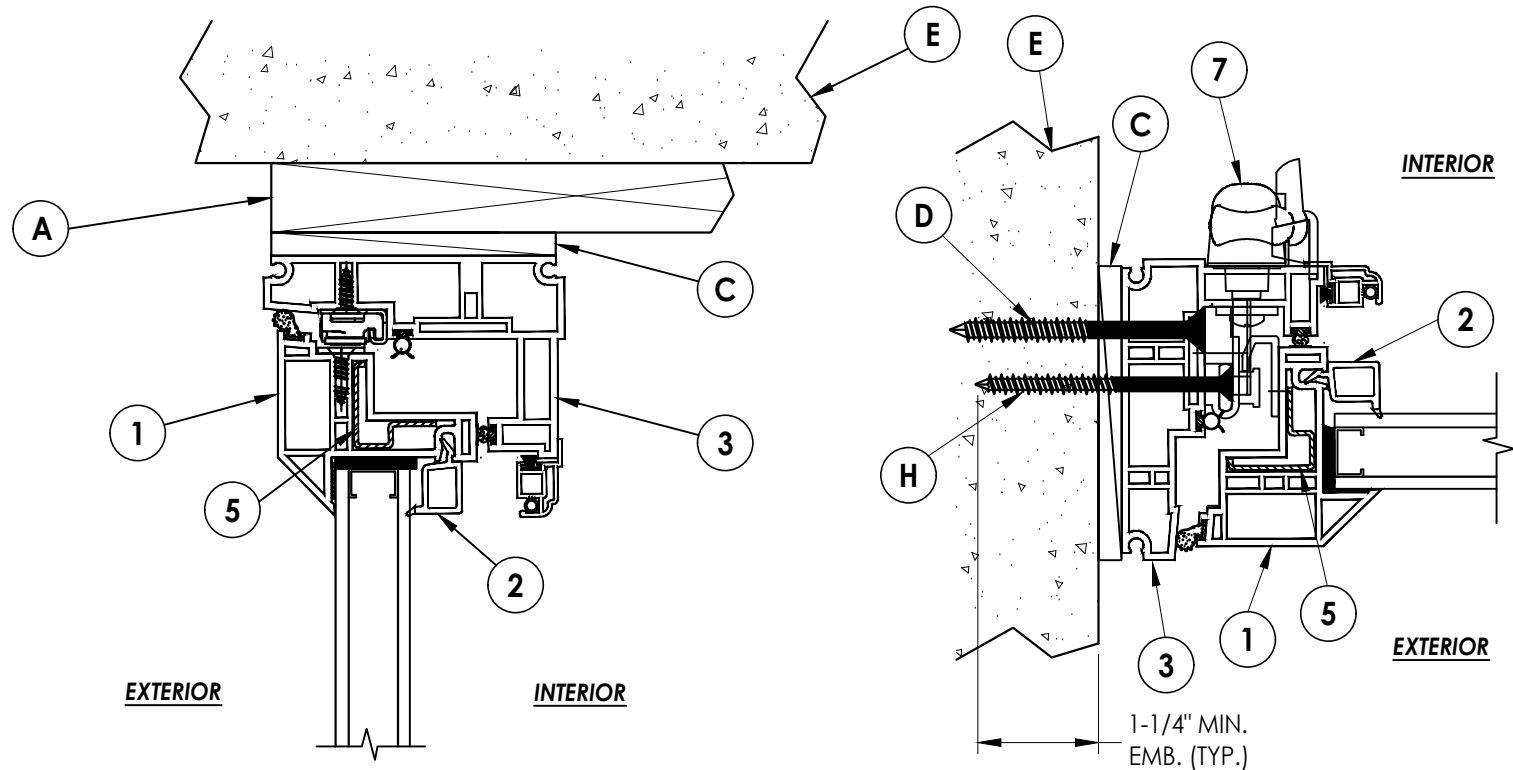
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RW		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: CASEMENT WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
6	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	8/19/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
4	11/11/19	UPDATE FOR NEW TEST REPORT		LFS	
3	8/02/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS
DATE: 1/5/09					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-11907.4					
SHEET 1 OF 5					

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

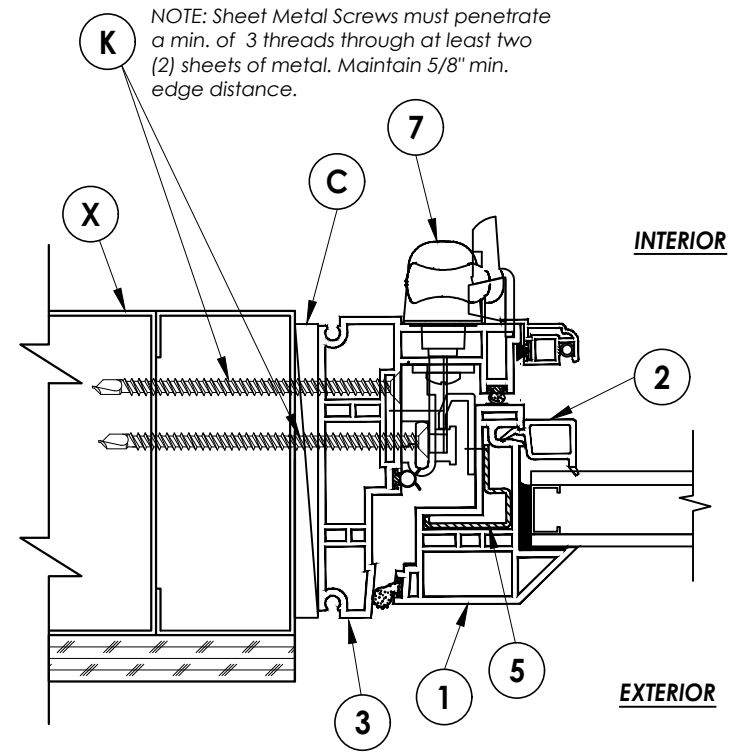
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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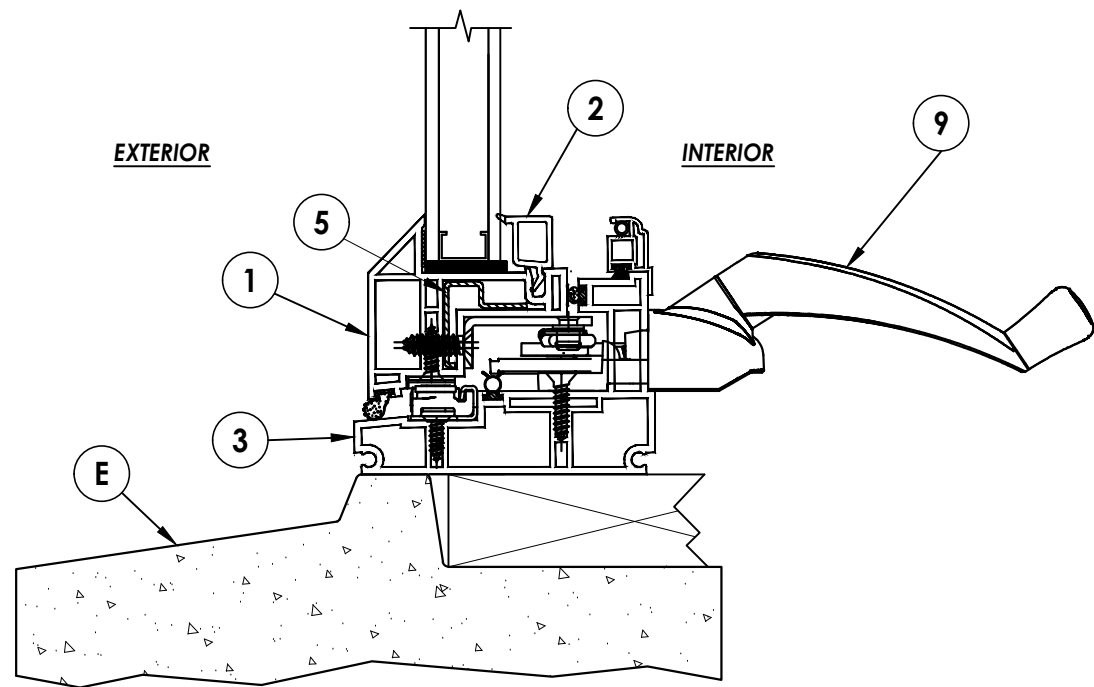


3 VERTICAL CROSS SECTION
Shown w/ 1x sub-buck option

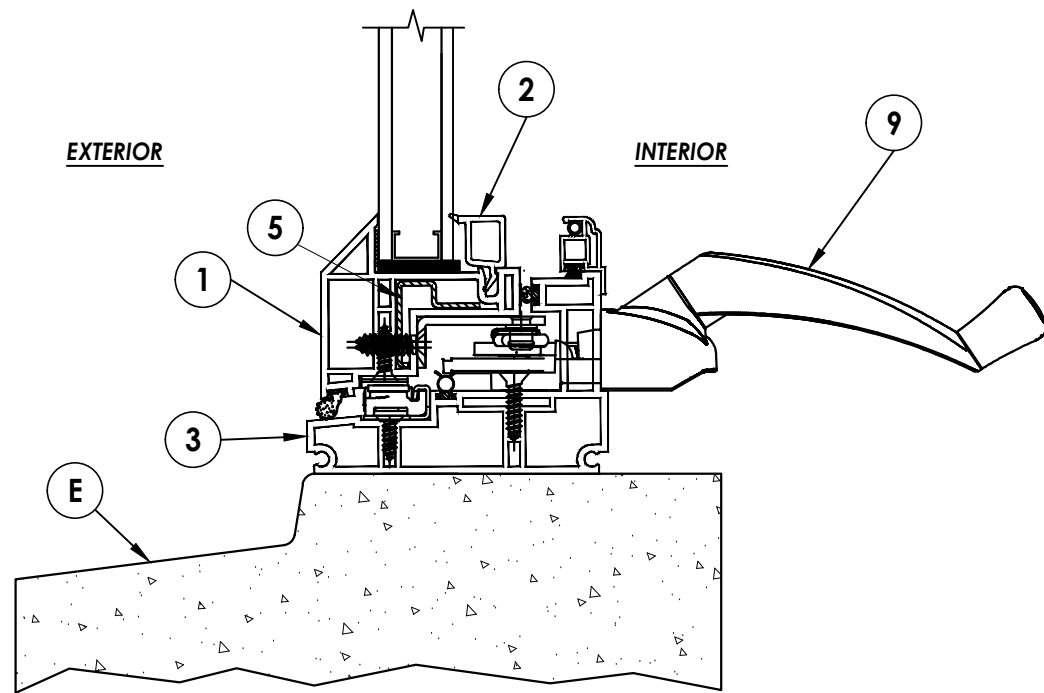
4 HORIZONTAL CROSS SECTION
Shown w/ Direct to Masonry option



5 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud framing option



1 VERTICAL CROSS SECTION
Optional masonry sill



2 VERTICAL CROSS SECTION
Optional masonry sill

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

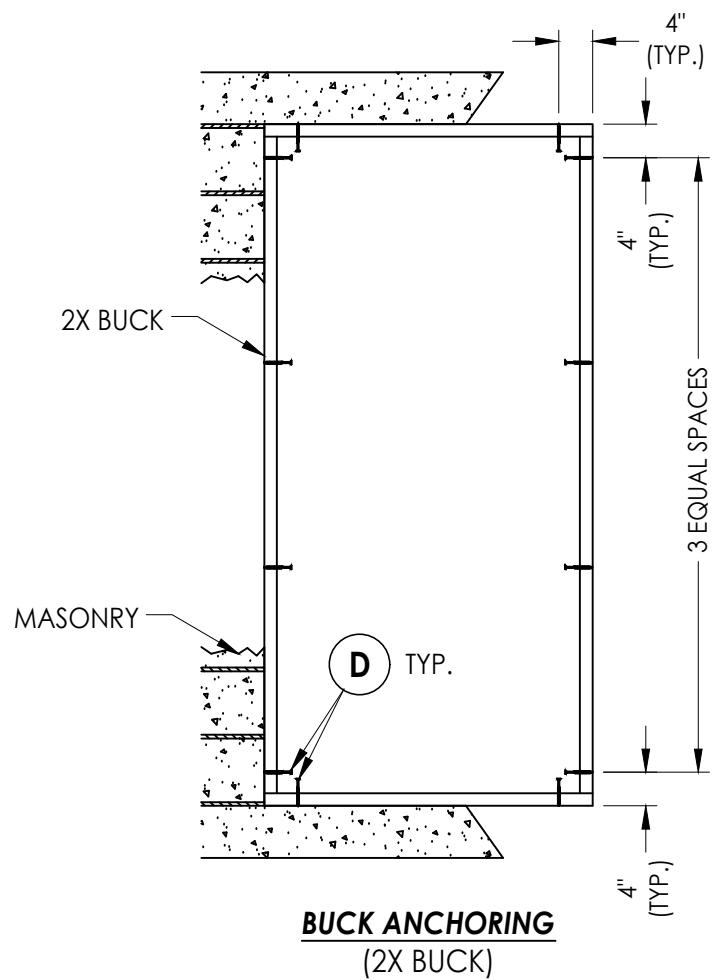
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: CASEMENT WINDOW

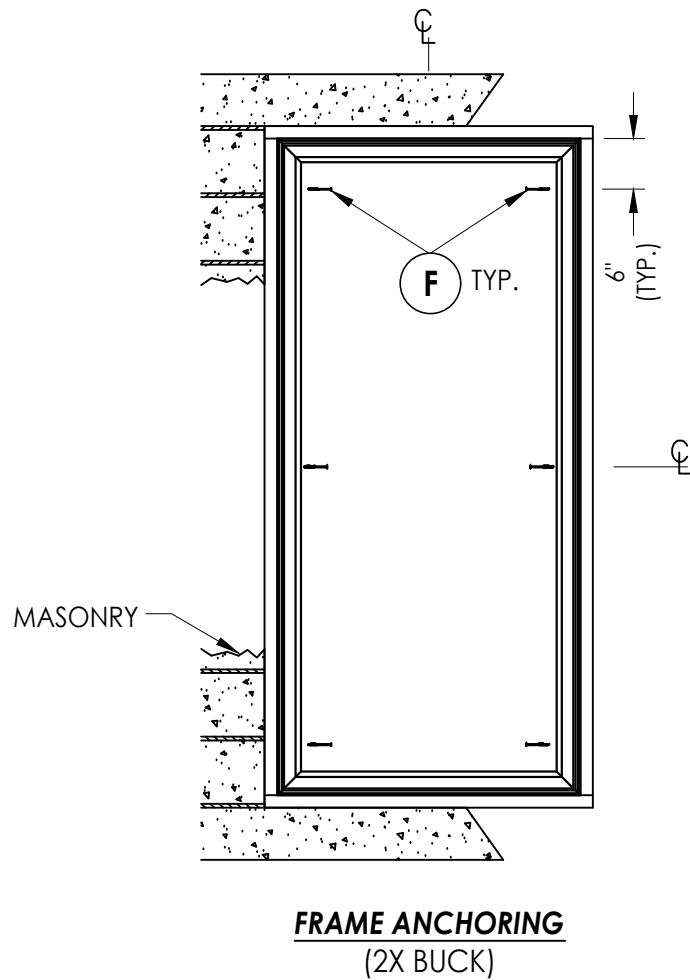
PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/17/23	UPDATE TO 8TH ED. (2023) FBC
5	8/19/20	UPDATE TO 7TH ED. (2020) FBC
4	11/11/19	UPDATE FOR NEW TEST REPORT
3	8/02/17	UPDATE TO 6TH ED. (2017) FBC

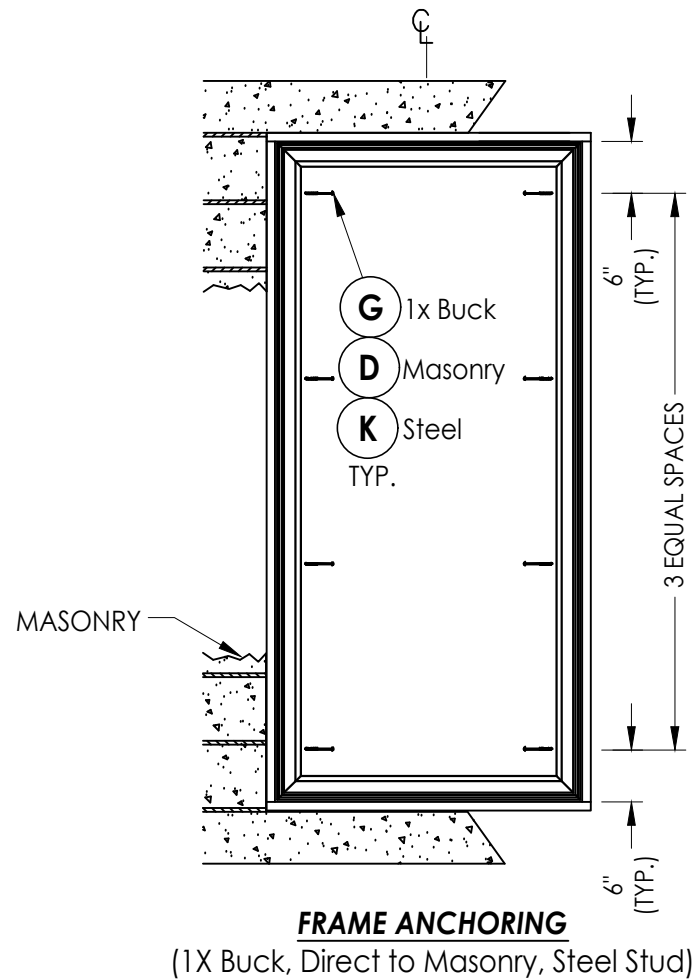
DATE: 1/5/09
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-11907.4
SHEET 3 OF 5



BUCK ANCHORING
(2X BUCK)



FRAME ANCHORING
(2X BUCK)



FRAME ANCHORING

(1X Buck, Direct to Masonry, Steel Stud)

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®	3/16"	1-1/4"	3"	1-1/2"
	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 NOTES (2x Buck Construction):

1. Bar guides are secured w/ (1) item #F in the top screw location & (1) item #13 in the lower screw location, in each guide.
2. Tie bar guides (4) are located 4", 26", 48" & 70" (Max. 22" O.C.) from the bottom of the frame. For 60" (or less) frame heights, only (3) bar guides are required.
3. Snubbers are secured w/ (1) item #F in the top screw location & (1) item #12 in the lower screw location, in each snubber.
4. Snubbers are located at 1/4 points and at mid-span from the bottom of the frame.
5. For 1x Buck & Direct to Masonry Construction: Substitute a 3/16" ITW concrete screw (w/ 1-1/4" min. emb.) for item #F and items #12 & 13 as applicable.
6. For Steel Stud Construction: Substitute a #10 self-drilling SMS for item #F and items #12 & 13 as applicable. Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain 5/8" min. edge distance.

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: CASEMENT WINDOW

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

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