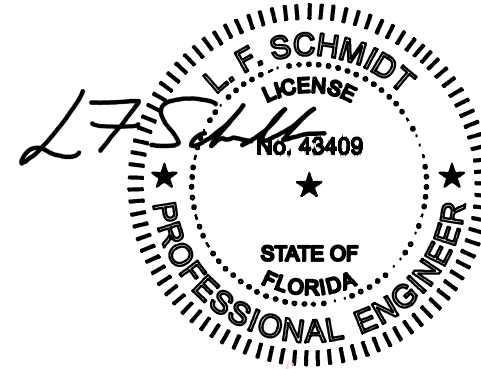
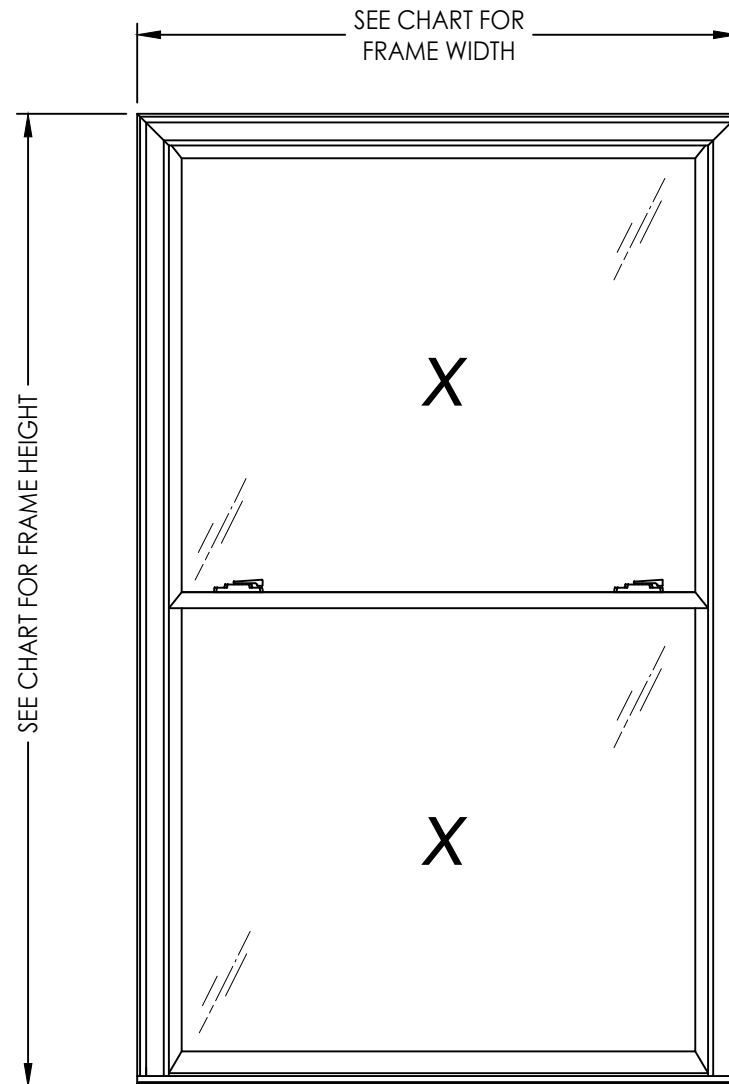




MODEL 0501
EXTRUDED VINYL
DOUBLE HUNG WINDOW
"NON-IMPACT"

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	Horizontal cross sections
3	Vertical cross sections
4	Buck and frame anchoring
5	Bill of materials, components and glazing detail



Digitally signed by Lyndon F Schmidt
Date: 2023.07.17 10:22:07 -04'00'

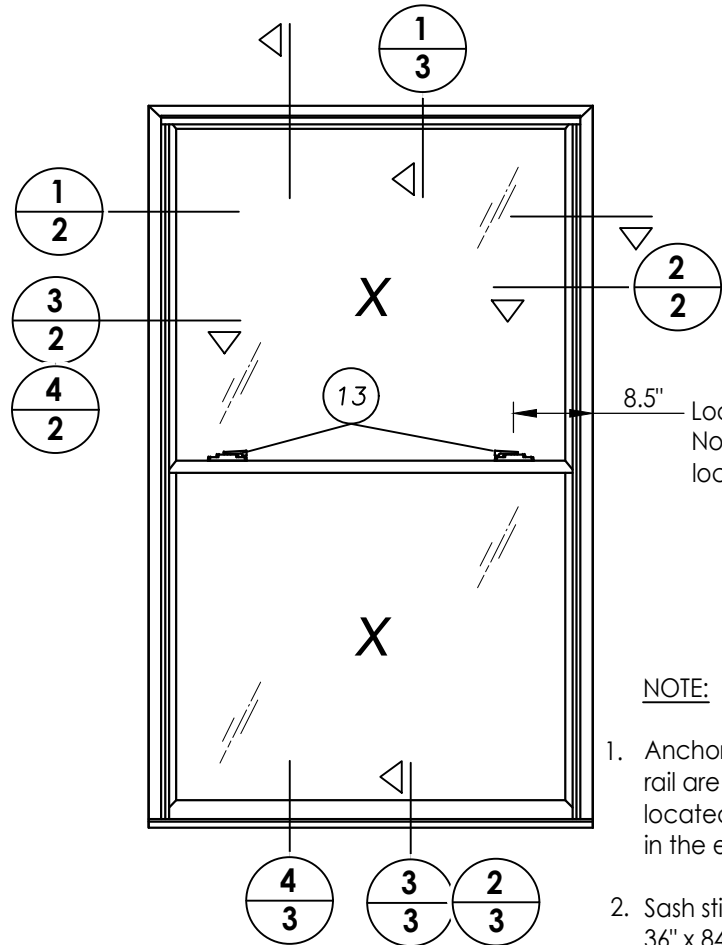
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

OVERALL FRAME DIMENSION	OVERALL D.L.O. (TOP & BOTTOM)	GLASS TYPE	No. OF LOCKS	SASH STILE REINF. REQ'D	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
52.0" x 84.0"	44.88" x 36.88"	G1	2	YES	+25.0	-25.0
44.0" x 75.0"	36.88" x 32.38"	G1	1	YES	+30.0	-30.0
44.0" x 75.0"	36.88" x 32.38"	G1	2	YES	+40.0	-40.0
52.0" x 61.0"	44.88" x 25.38"	G1	2	YES	+35.0	-35.0
36.0" x 84.0"	28.88" x 36.88"	G1	2	NO	+45.0	-45.0
44.0" x 60.0"	36.88" x 24.88"	G1	2	NO	+35.0	-35.0
36.0" x 60.0"	28.88" x 24.88"	G1	2	NO	+50.0	-50.0
36.0" x 72.0"	28.88" x 30.88"	G1	2	YES	+50.0	-50.0

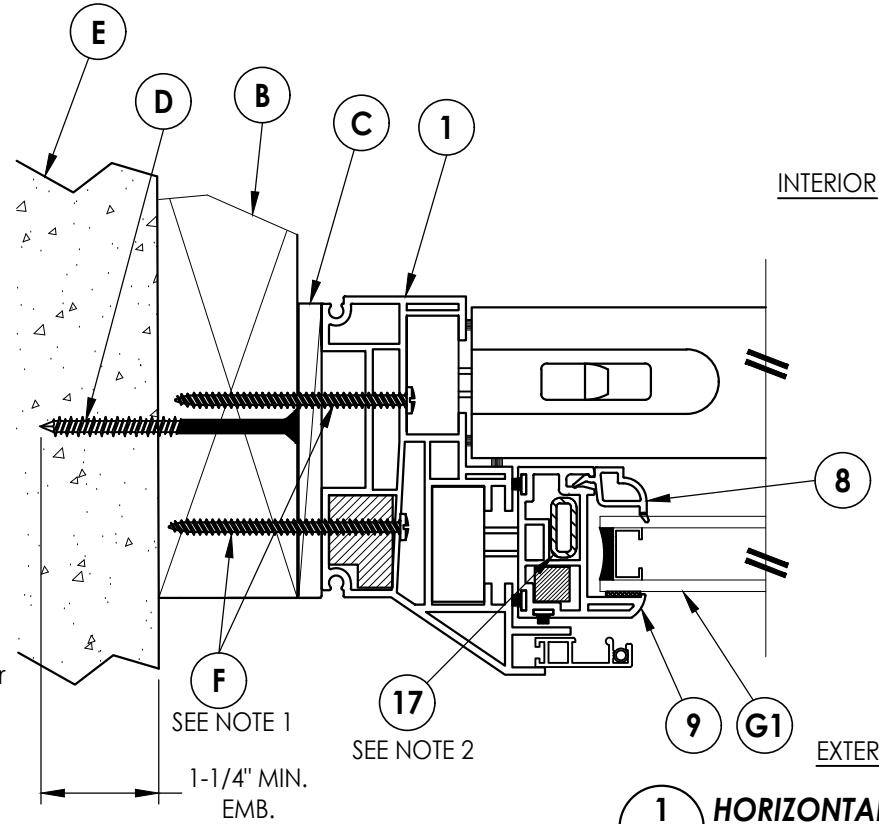
DATE: 11/25/08					PRODUCT: DOUBLE HUNG WINDOW PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	Documents Prepared By:		Building Consultants, Inc. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
SCALE: N.T.S.								
DWG. BY: AL								
CHK. BY: LFS								
DRAWING NO.: FL-11720.2								
SHEET 1 OF 5								
9	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS				
8	6/15/21	REVISE FOR NEW TESTING		LFS				
7	8/18/20	UPDATE TO 7TH ED. (2020)	FBC	DAC				
6	11/13/19	REVISED DRAWING (NEW TESTING)		LFS				
NO.	DATE			BY				
REVISIONS								

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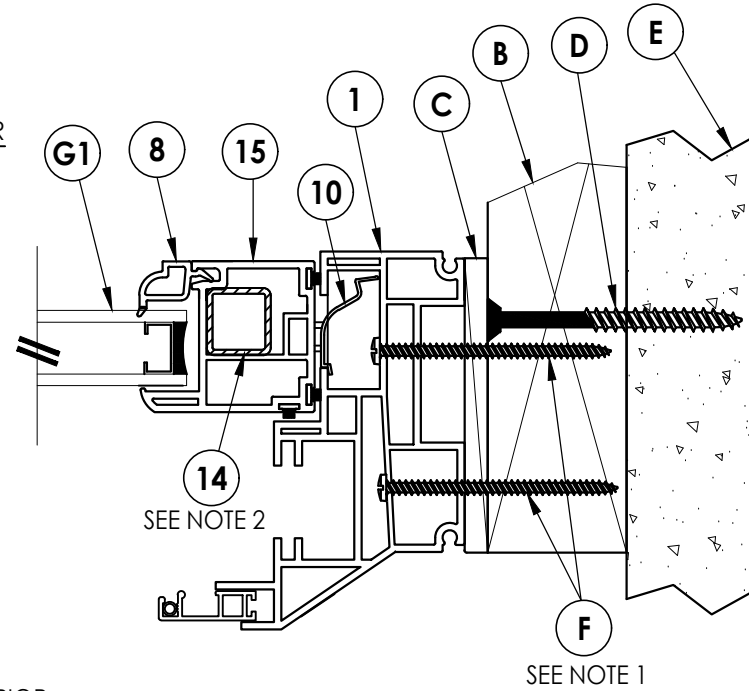


NOTE:

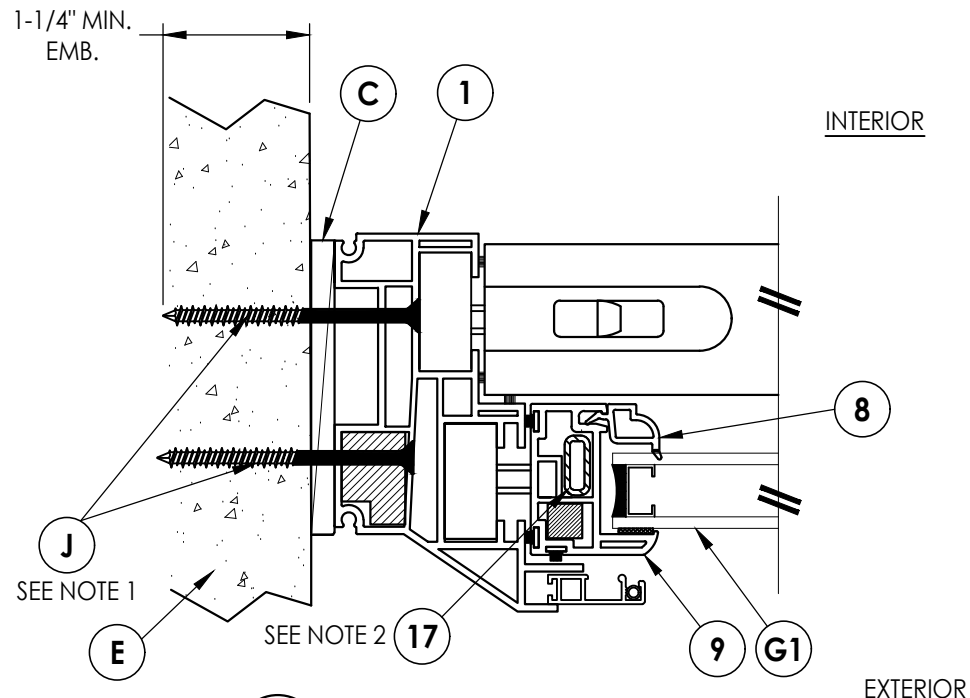
1. Anchors located above the meeting rail are in the interior track and anchors located below the meeting rail are in the exterior track.
2. Sash stile reinforcement not required for 36" x 84", 44" x 60" & 36" x 60" frame sizes (SEE DESIGN PRESSURE TABLE - SHEET 1).



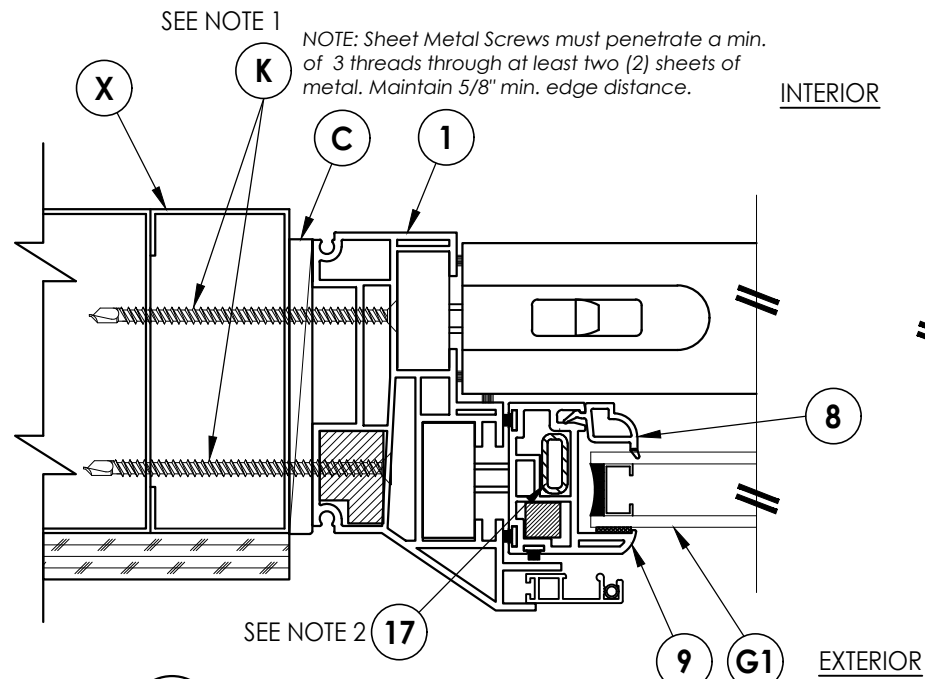
1
2 HORIZONTAL CROSS SECTION
2x Buck Construction



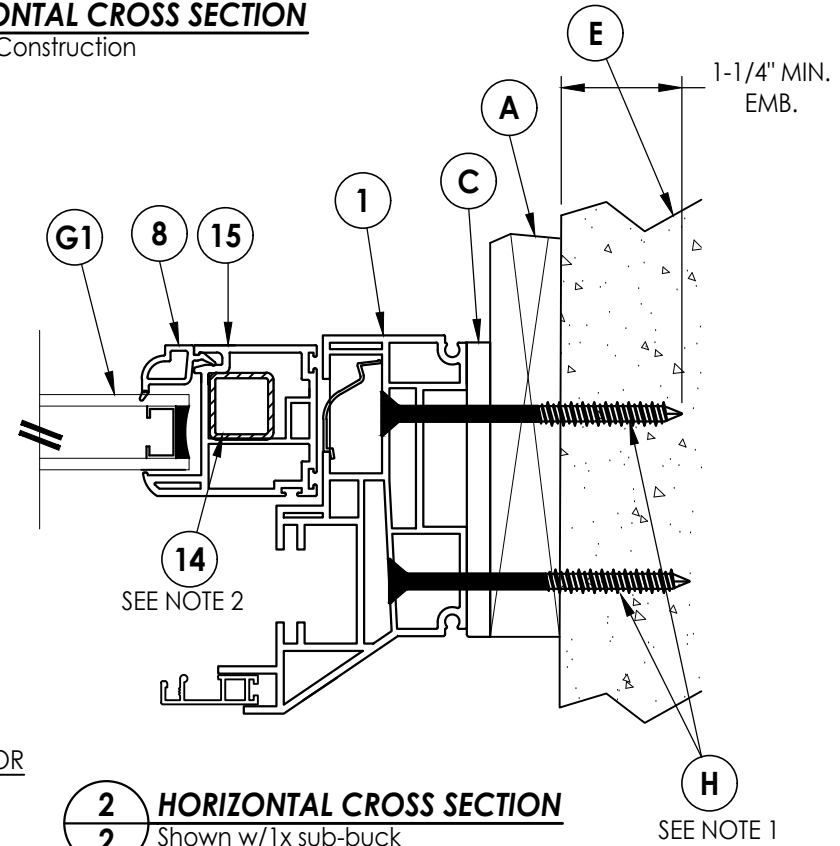
2
2 HORIZONTAL CROSS SECTION
Shown w/ 1x sub-buck



3
2 HORIZONTAL CROSS SECTION
Shown w/ Direct to Masonry Option



4
2 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option



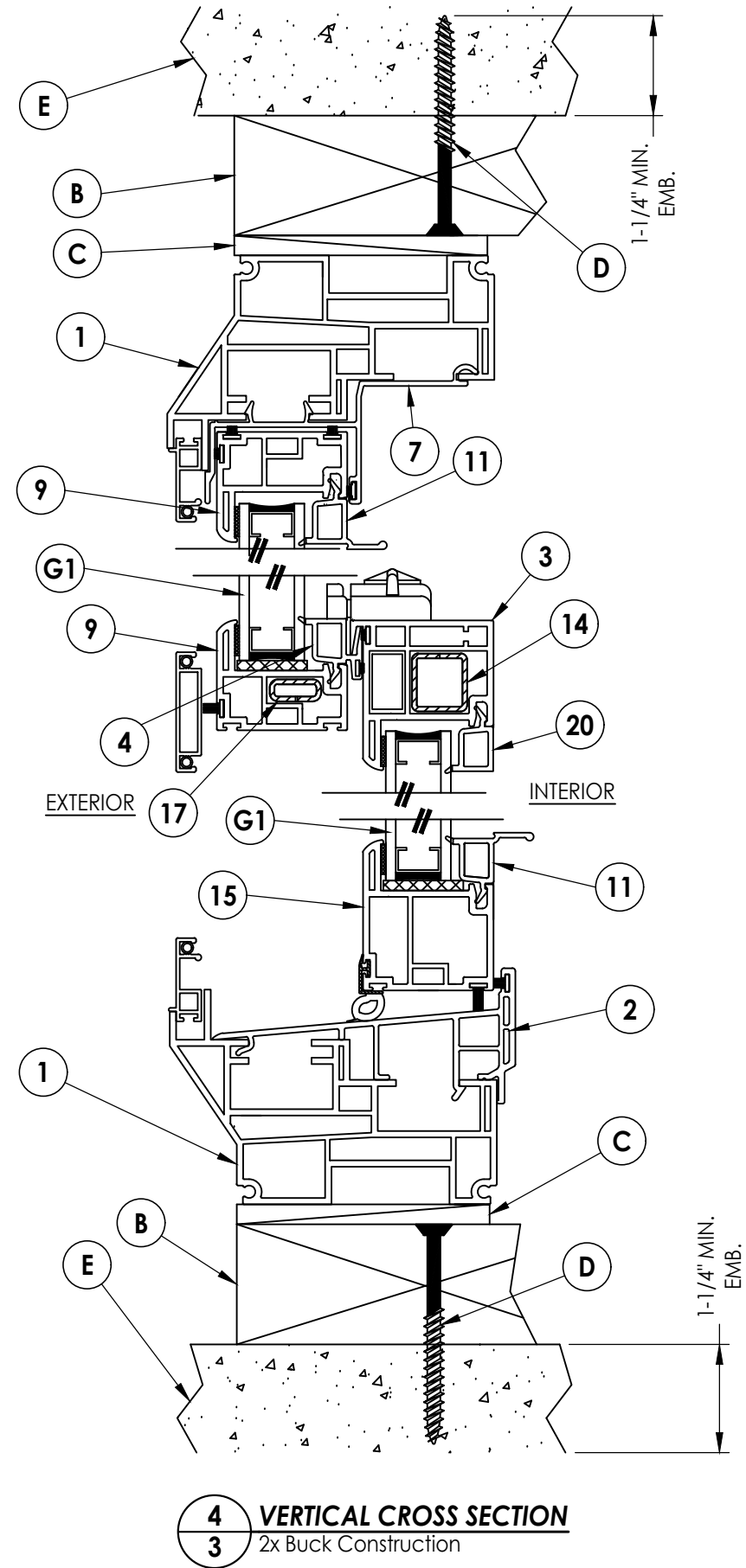
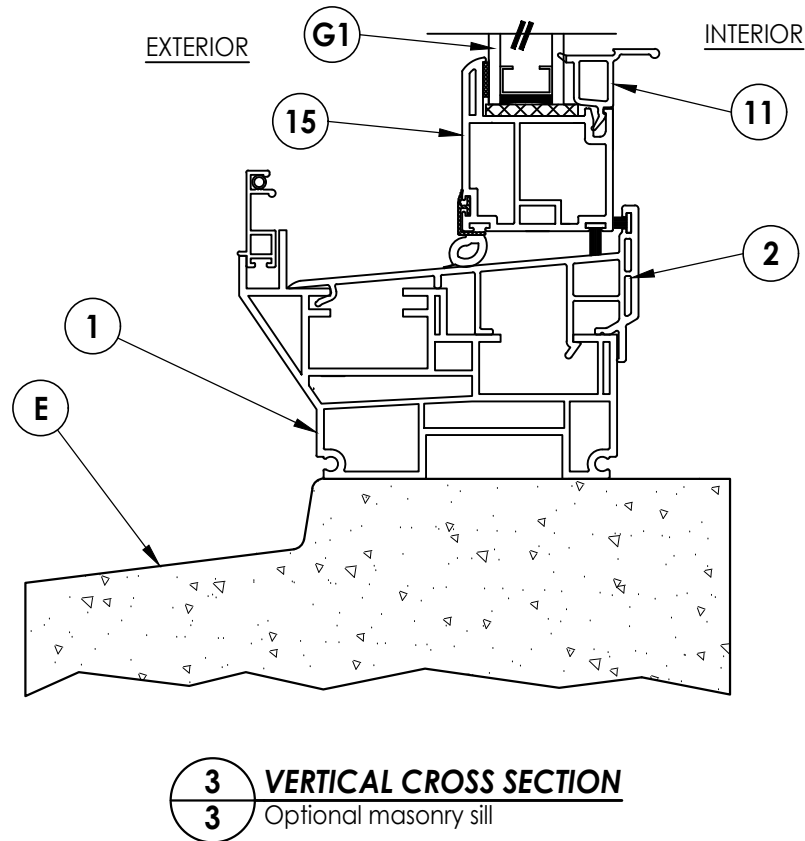
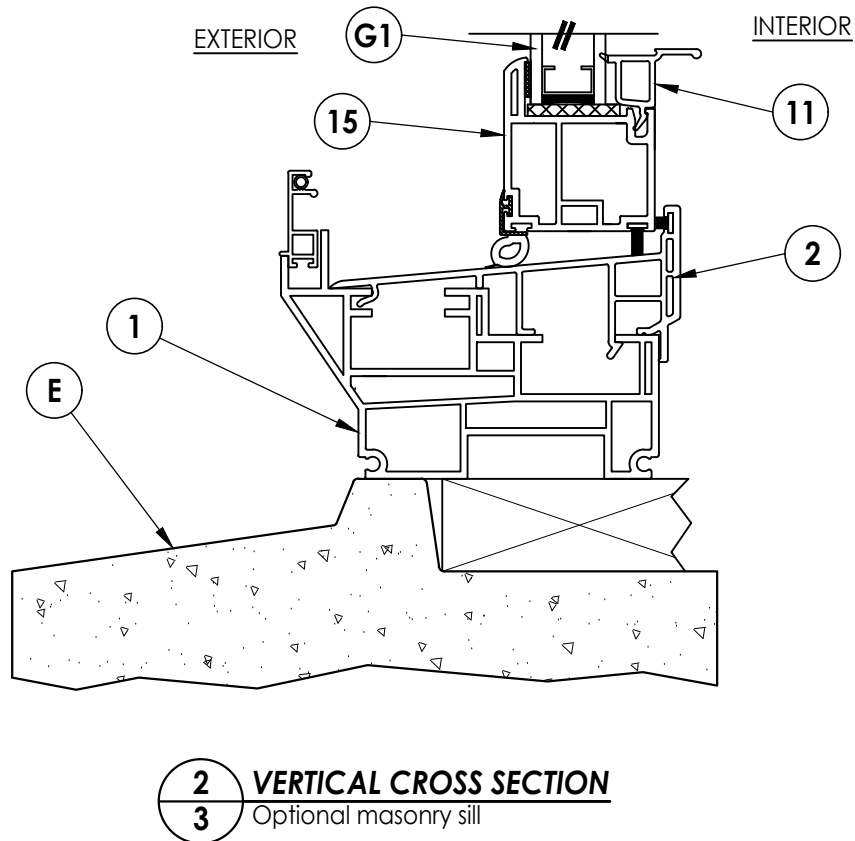
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

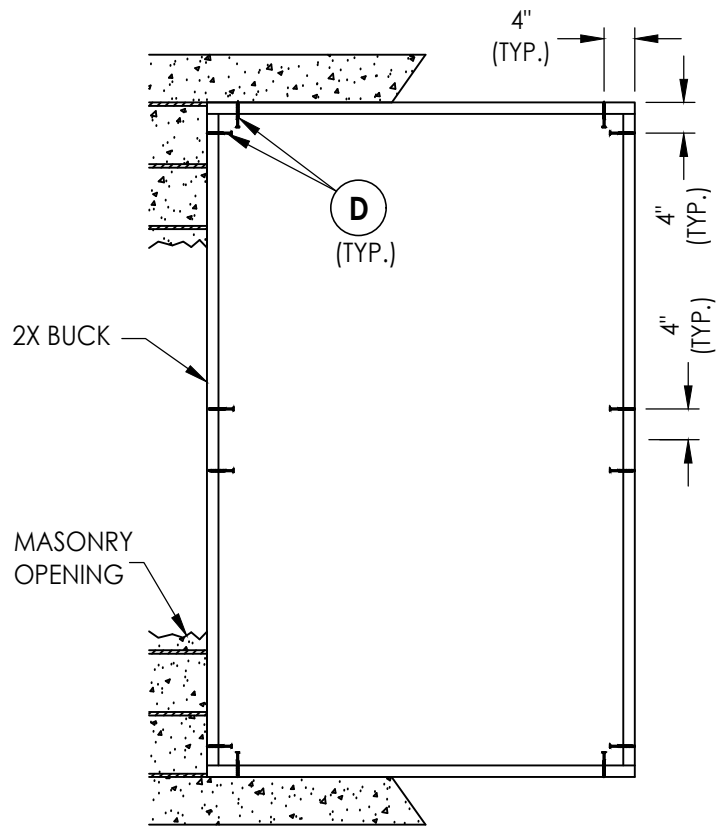
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PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
9	7/17/23	UPDATE TO 8TH ED. (2023) FBC
8	6/15/21	REVISE FOR NEW TESTING
7	8/18/20	UPDATE TO 7TH ED. (2020) FBC
6	11/13/19	REVISED DRAWING (NEW TESTING)

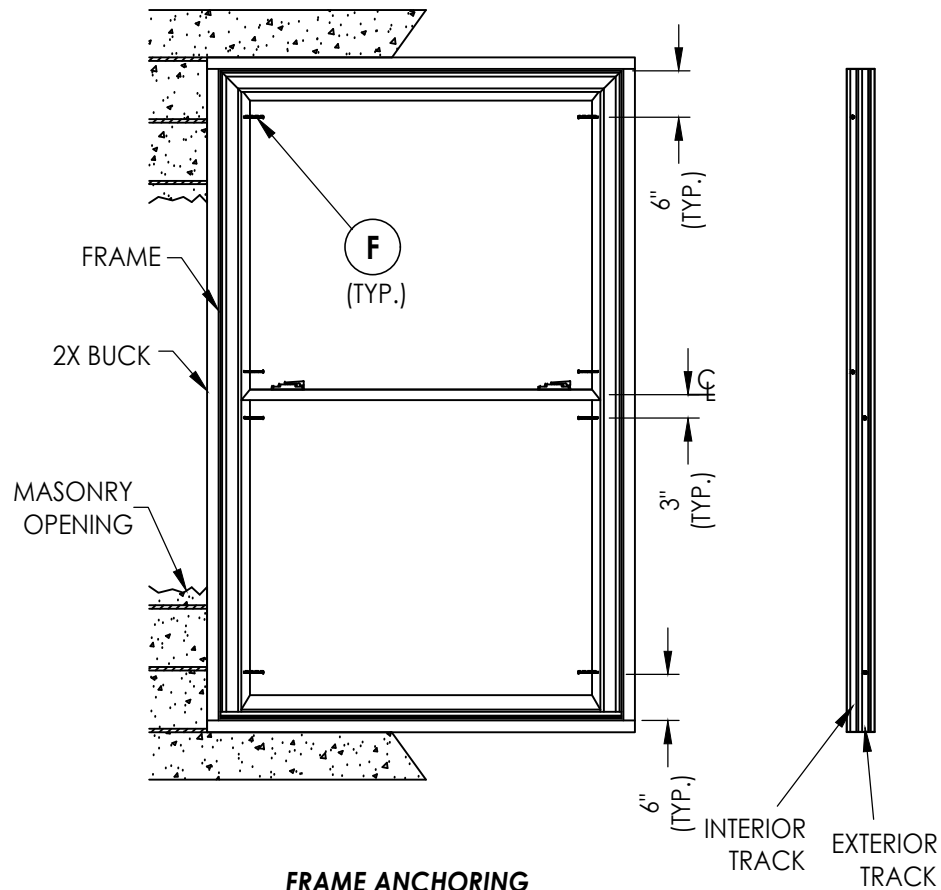
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SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-11720.2
SHEET 2 OF 5

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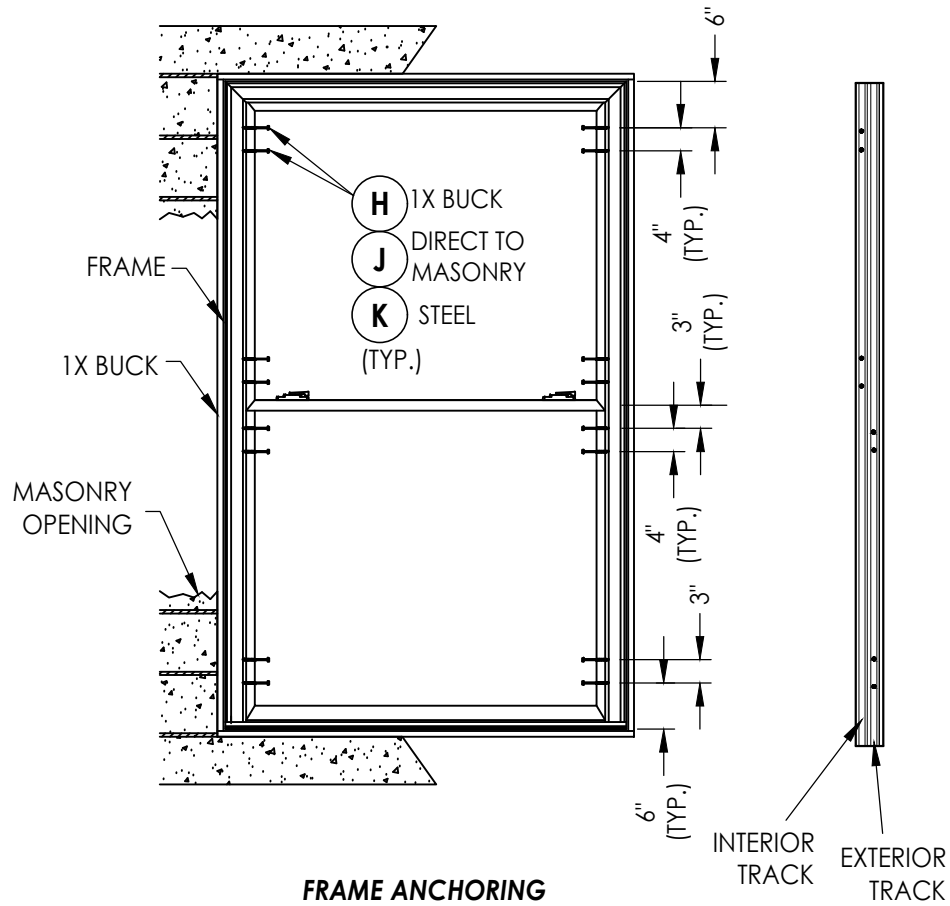
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BUCK ANCHORING



FRAME ANCHORING
(2X Buck)



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

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

- 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

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

PRODUCT:
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
9	7/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
8	6/15/21	REVISE FOR NEW TESTING LFS
7	8/18/20	UPDATE TO 7TH ED. (2020) FBC DAC
6	11/13/19	REVISED DRAWING (NEW TESTING) LFS

DATE: 11/25/08

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:

FL-11720.2

SHEET 4 OF 5

