

MILLWORK ARTISANS

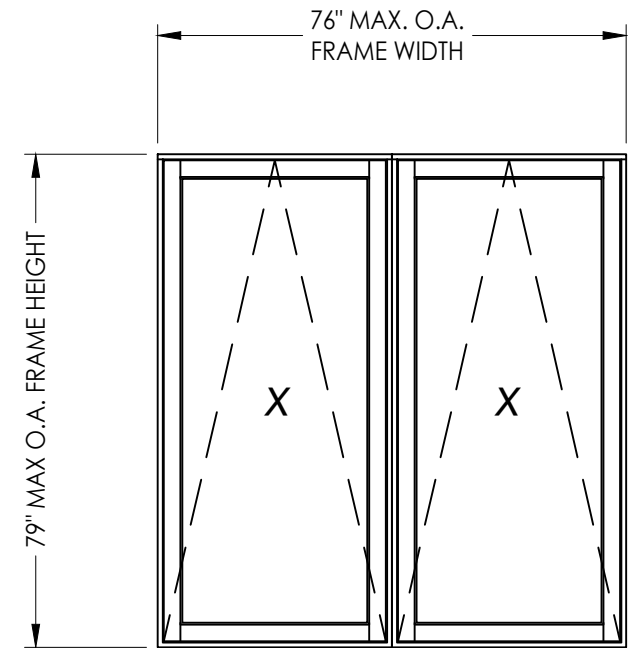
145 KING STREET
CHARLESTON, SC 29401

TWIN AWNING WINDOW "American" Frame OUTSWING "IMPACT"

GENERAL NOTES

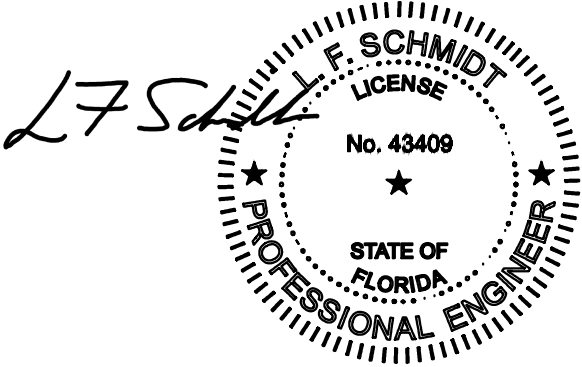
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Sections 1626 of the FBC and does not require an impact resistant covering.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. All window frame wood to be Sapele (Specific Gravity = 0.55).
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Elevation & horizontal cross sections
3	Vertical cross sections
4	Buck and frame anchoring & hardware details
5	Bill of materials, glazing detail and components



OVERALL FRAME DIMENSION	MAX. SASH DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
76.0" x 79.0"	36.0" x 77.0"	30.0" x 71.0"	G1, G2	+75.0	-75.0

NOTE: Do not install above 30 ft. elevation in the "HVHZ" with G1 glazing.



Digitally signed by
Lyndon F Schmidt
Date: 2023.09.14
15:26:03 -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

PRODUCT:

MILLWORK ARTISANS
AWNING WINDOW

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

NO.	DATE	DESCRIPTION
4	9/14/23	UPDATE TO 8TH ED. (2023) FBC
3	9/29/20	UPDATE TO 7TH ED. (2020) FBC
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC

DATE:

12/11/14

SCALE:

N.T.S.

DWG. BY:

JK

CHK. BY:

LFS

DRAWING NO.:

FL-17423.2

SHEET

1

OF

5

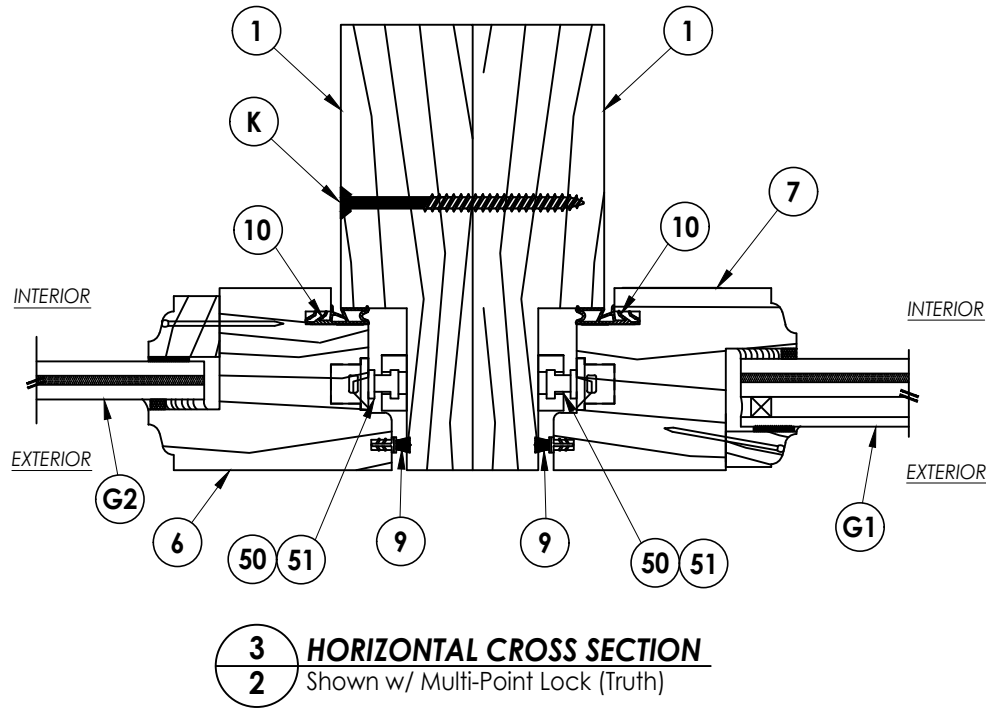
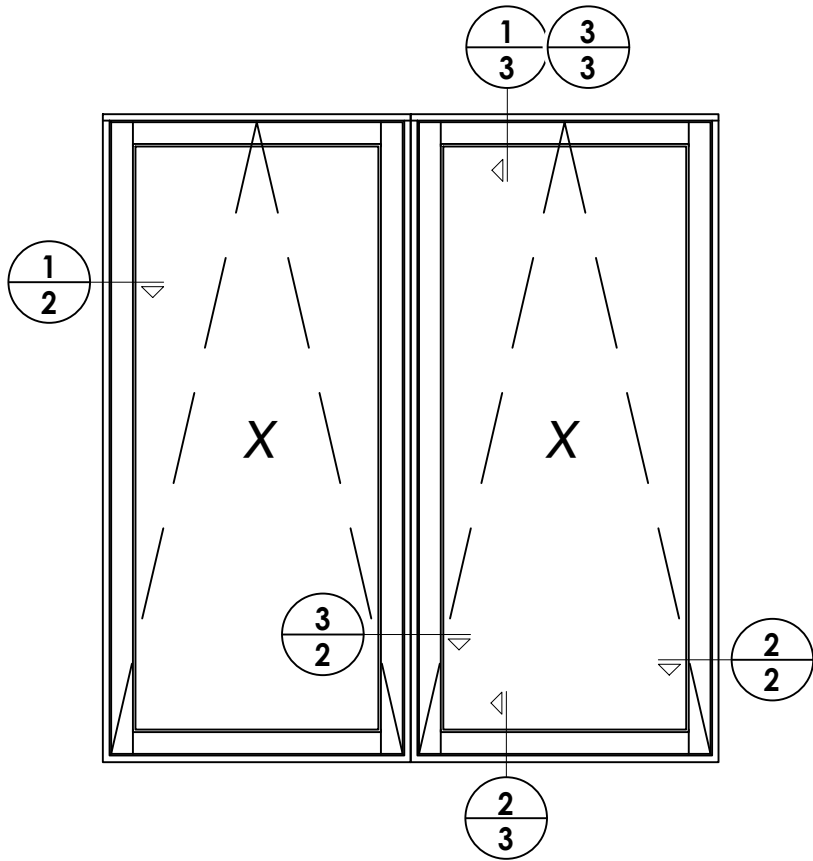
Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

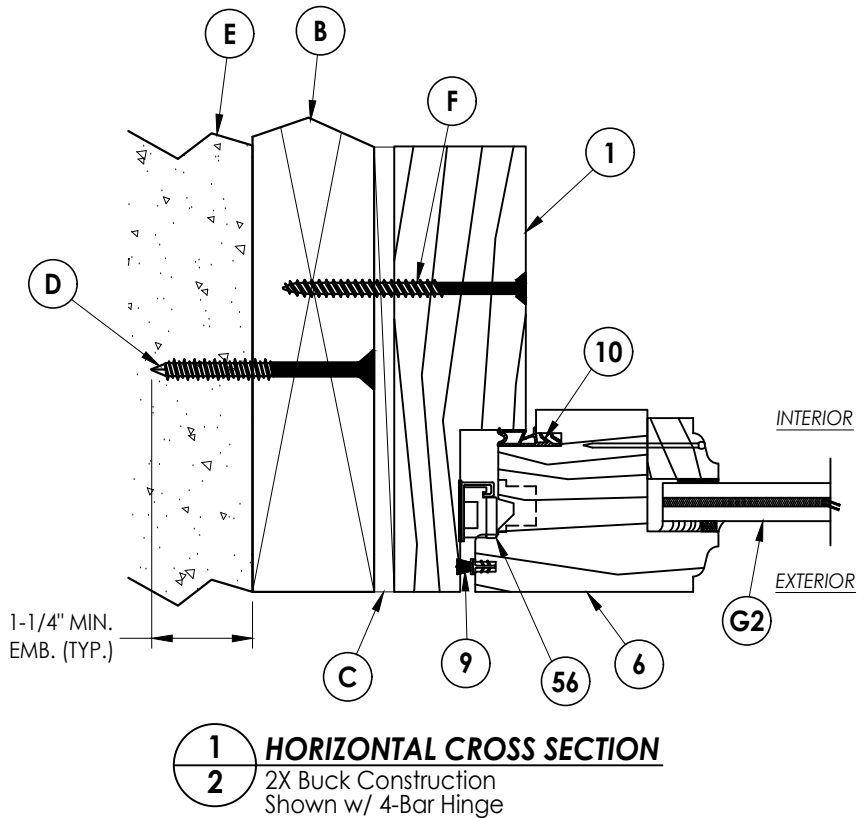
BUILDING CONSULTANTS, INC.

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

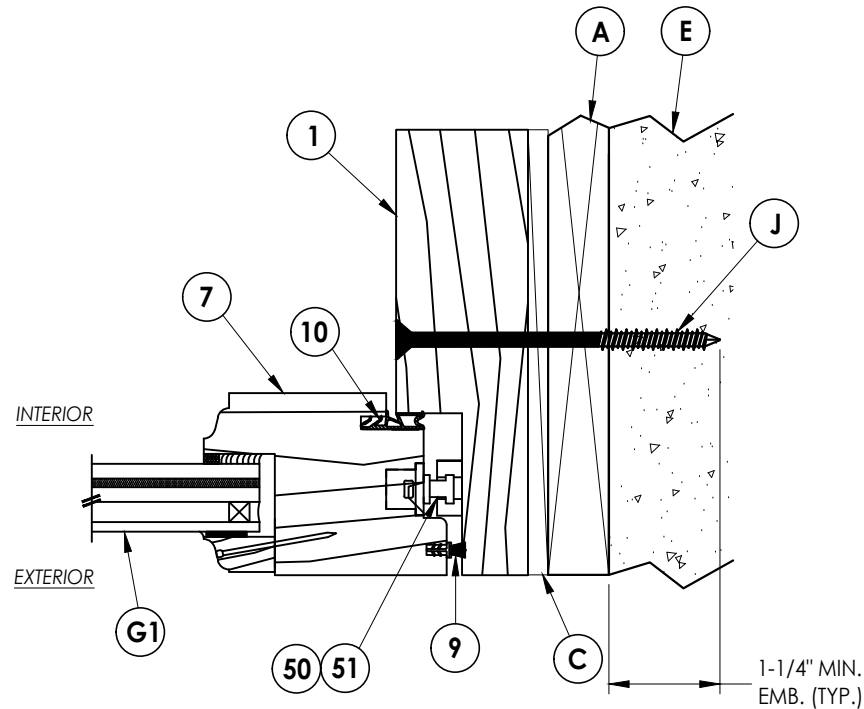
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3 **HORIZONTAL CROSS SECTION**
2 Shown w/ Multi-Point Lock (Truth)



1 **HORIZONTAL CROSS SECTION**
2 2X Buck Construction
Shown w/ 4-Bar Hinge



2 **HORIZONTAL CROSS SECTION**
2 1X Buck Construction
Shown w/ Multi-Point Lock

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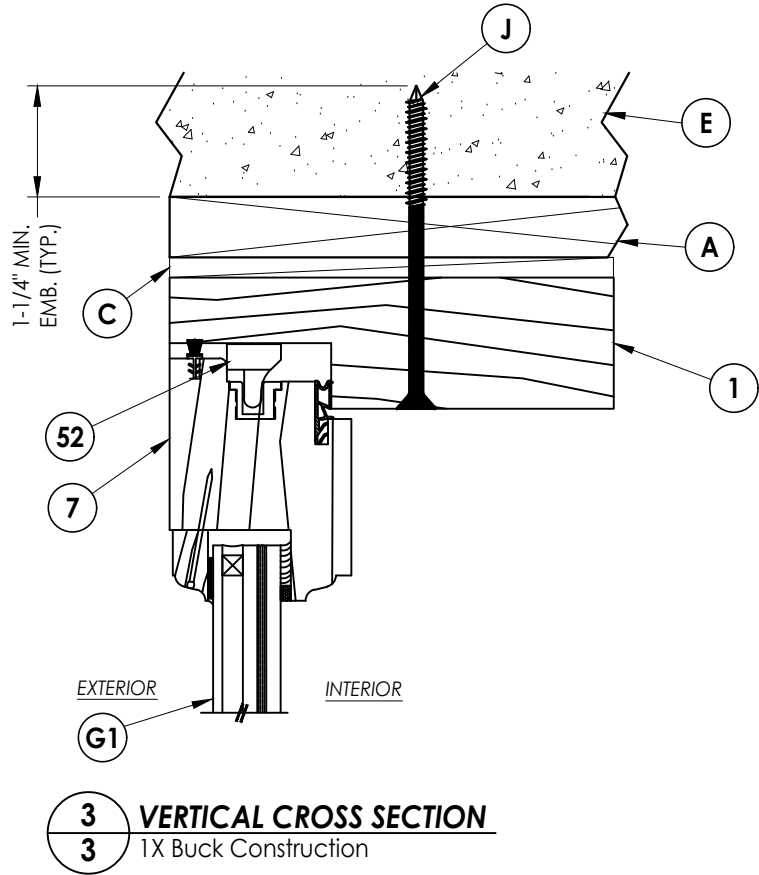
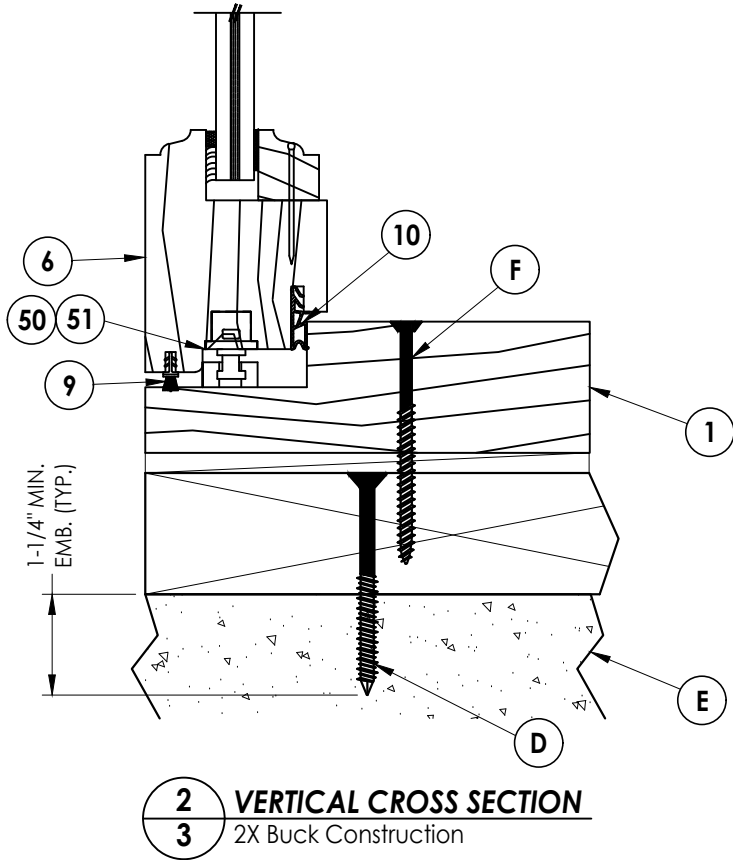
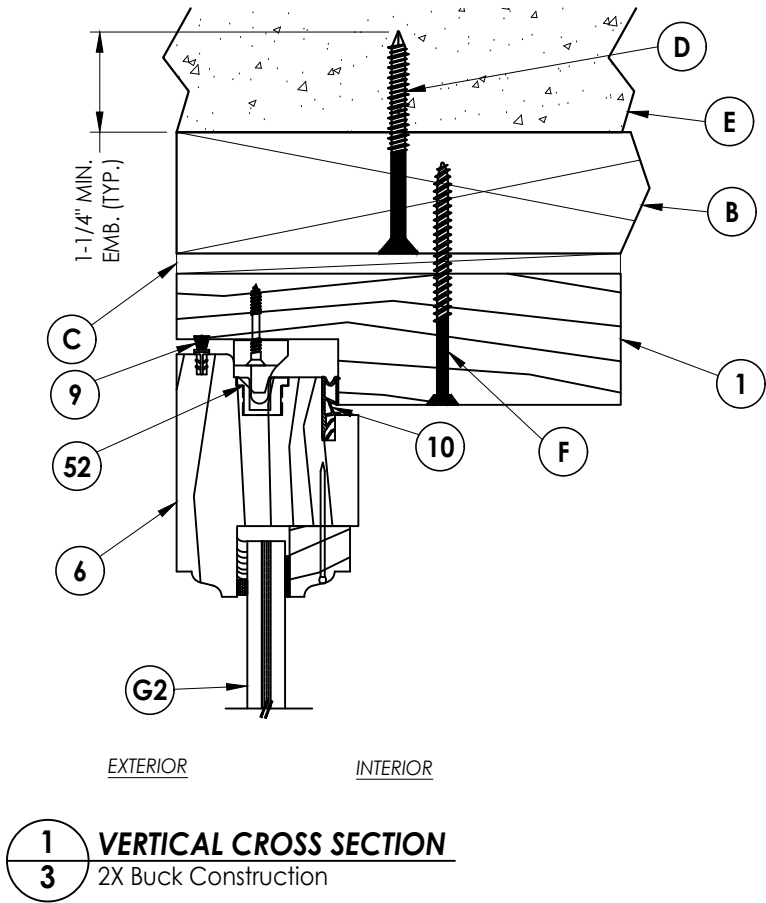
RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
MILLWORK ARTISANS
AWNING WINDOW

PART OR ASSEMBLY:
ELEVATION &
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	9/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 12/11/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17423.2
SHEET 2 OF 5



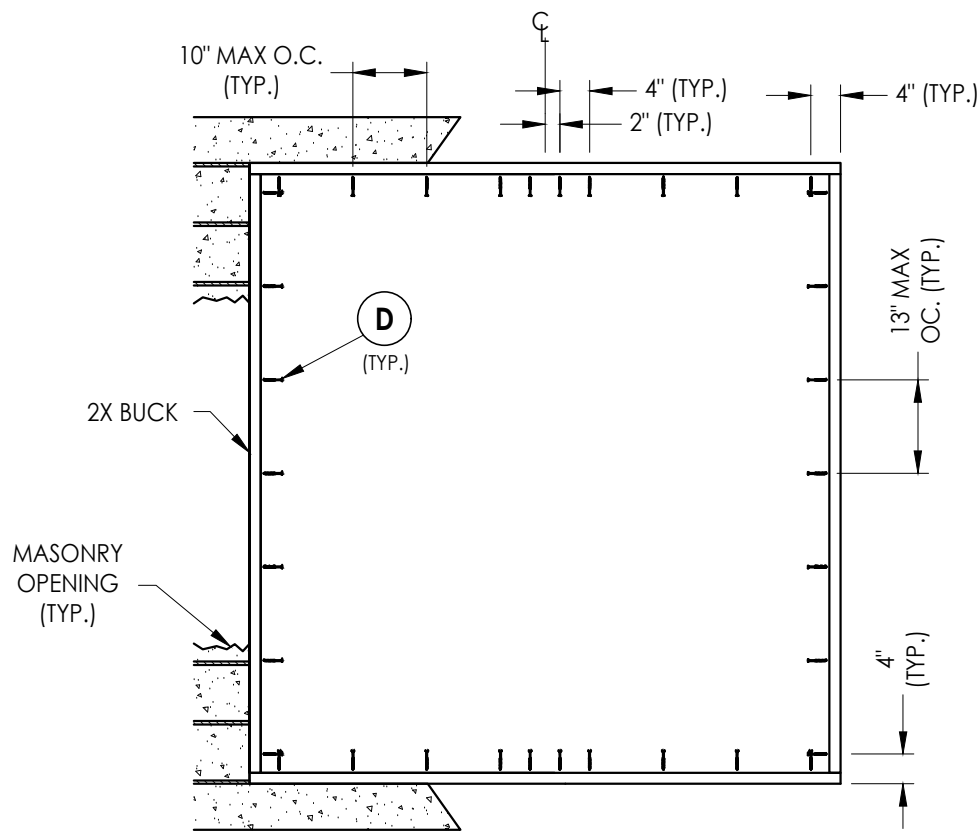
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CHK. BY: LFS
DRAWING NO.: FL-17423.2
SHEET 3 OF 5

NO.	DATE	REVISIONS
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		BY

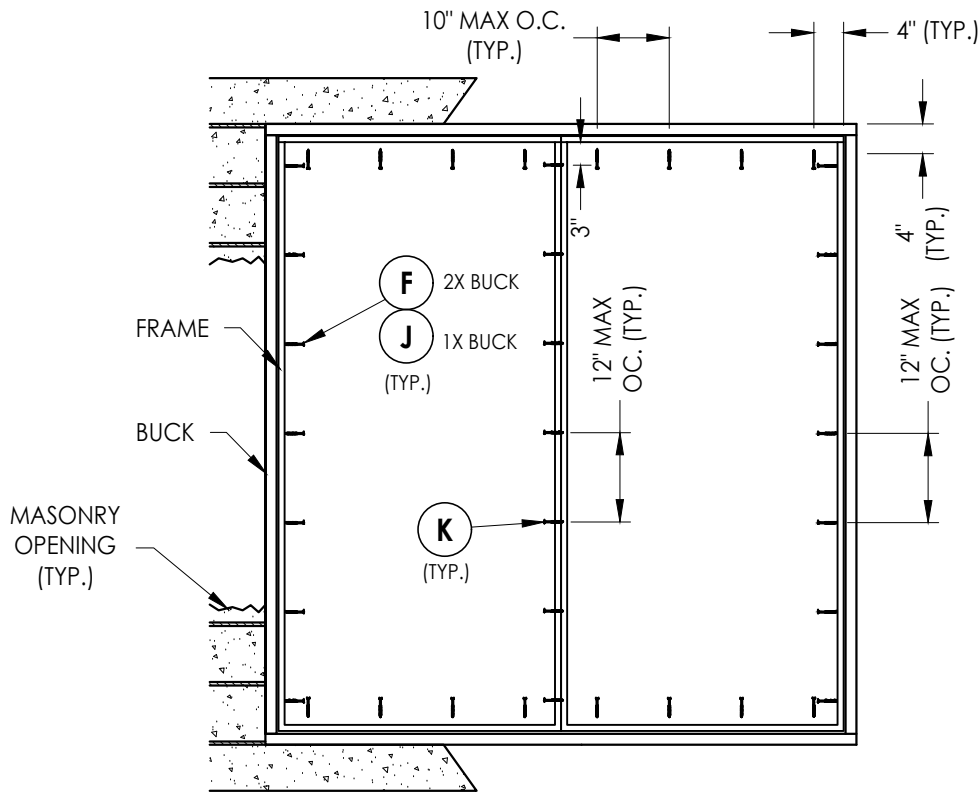
PRODUCT:	MILLWORK ARTISANS AWNING WINDOW
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

Documents Prepared By:
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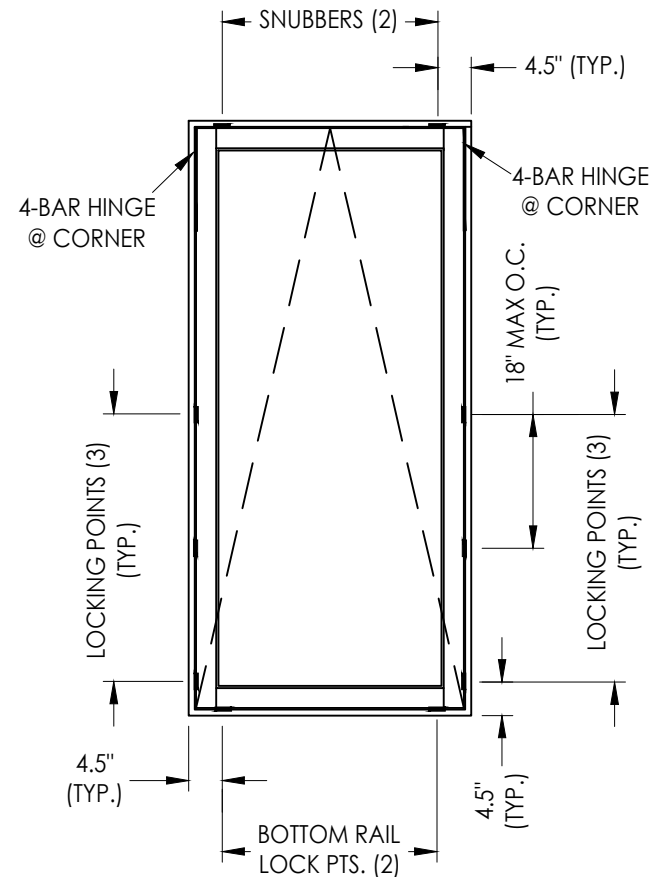
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BUCK ANCHORING
Masonry construction



FRAME ANCHORING



HARDWARE
(Applies to each sash)

MULTI-POINT LOCK:	TRUTH MAXIM SERIES OR SEGENIA SI-LINE 311
HINGES:	TRUTH 4-BAR
SNUBBERS:	GU

Lock Strike Requirements (Each Lock Stile)	
MAX. SASH HEIGHT	LOCKING POINTS
77"	3
59"	2
41"	1

- 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 BUILDEX TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2"	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.

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SHEET 4 OF 5

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