

MILLWORK ARTISANS

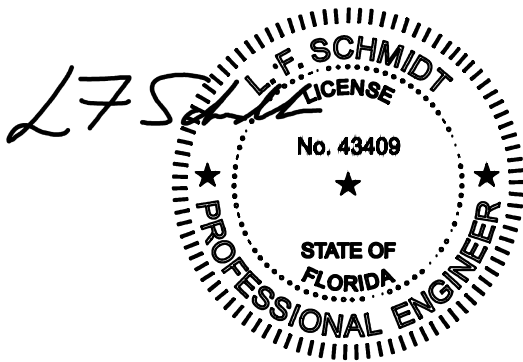
145 KING STREET
CHARLESTON, SC 29401

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".

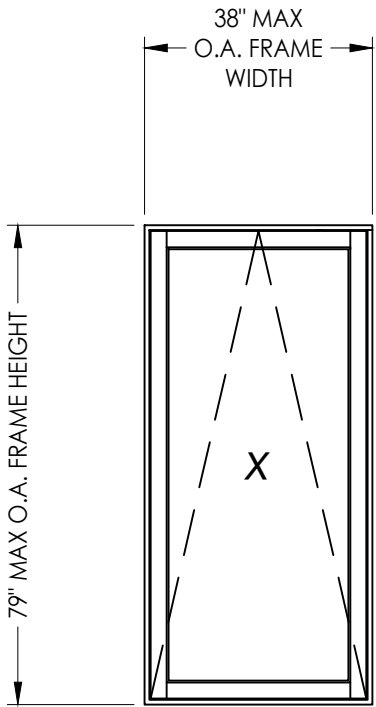
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SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Elevation & horizontal cross sections
3	Vertical cross sections
4	Buck and frame anchoring & hardware details
5	Bill of materials, glazing detail and components



Digitally signed by
Lyndon F Schmidt
Date: 2023.09.14
15:26:21 -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	MAX. SASH DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
38.0" 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.

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

PRODUCT:

MILLWORK ARTISANS
AWNING WINDOW

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

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
NO. DATE		REVISIONS		

DATE: 12/11/14

SCALE: N.T.S.

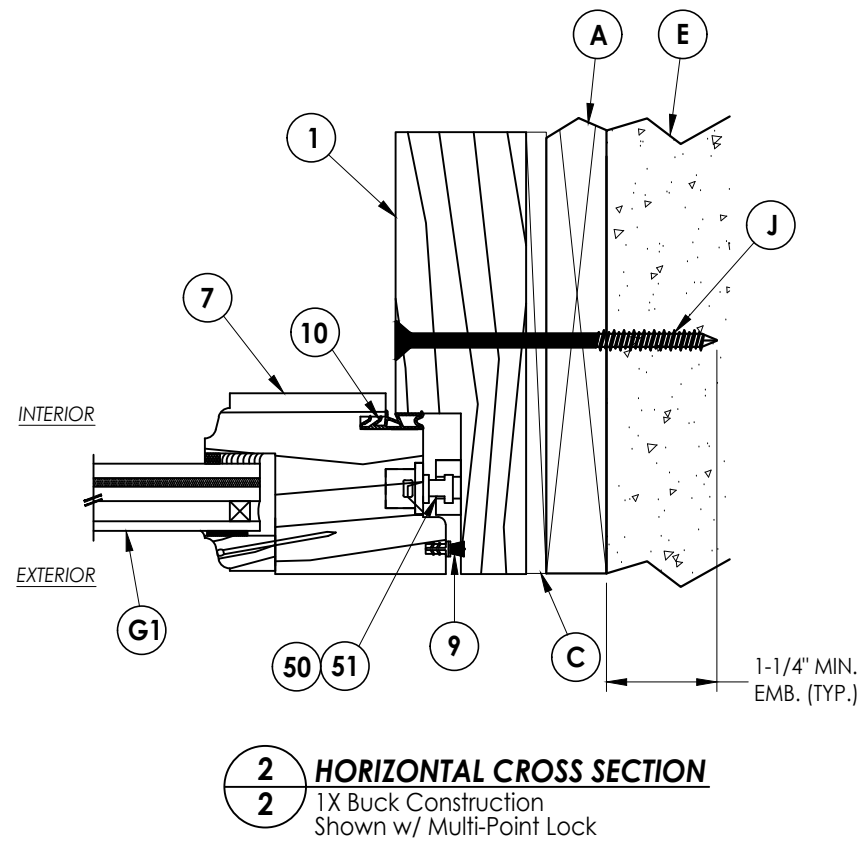
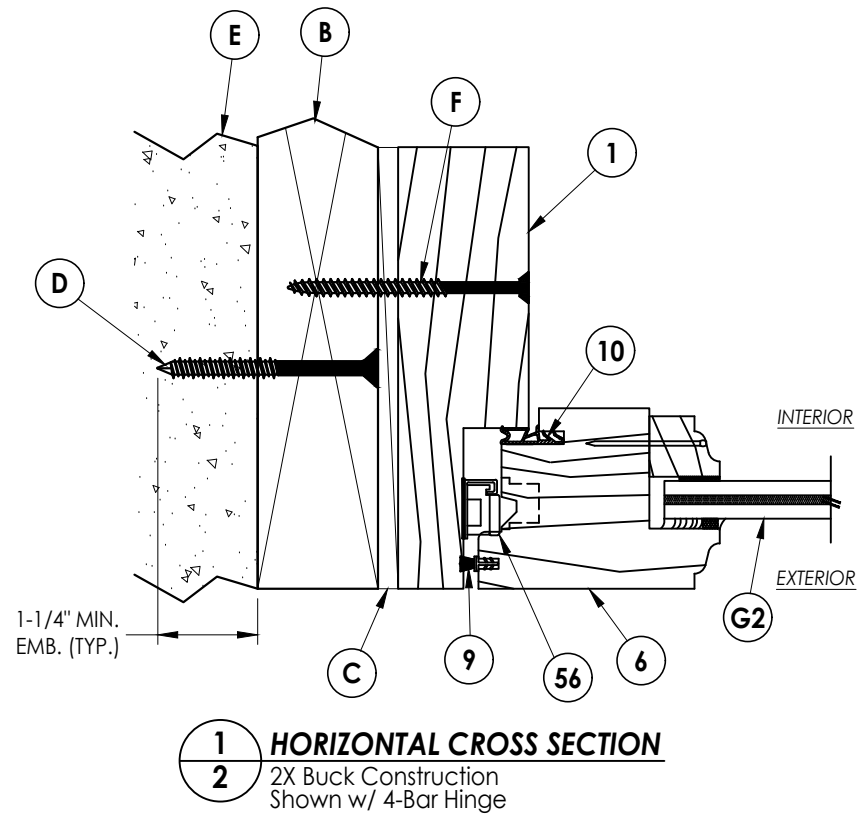
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17423.1

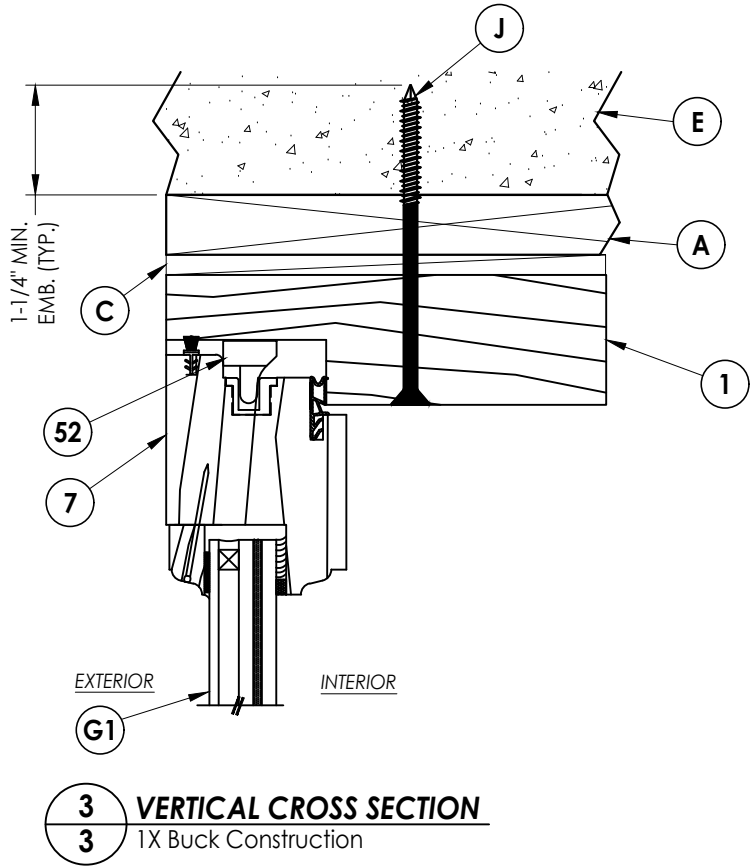
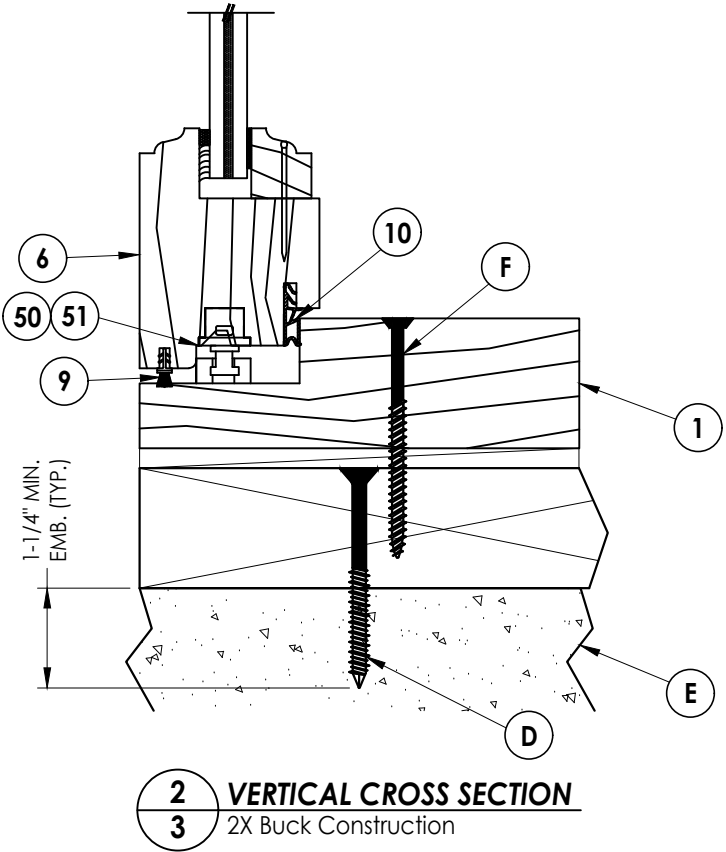
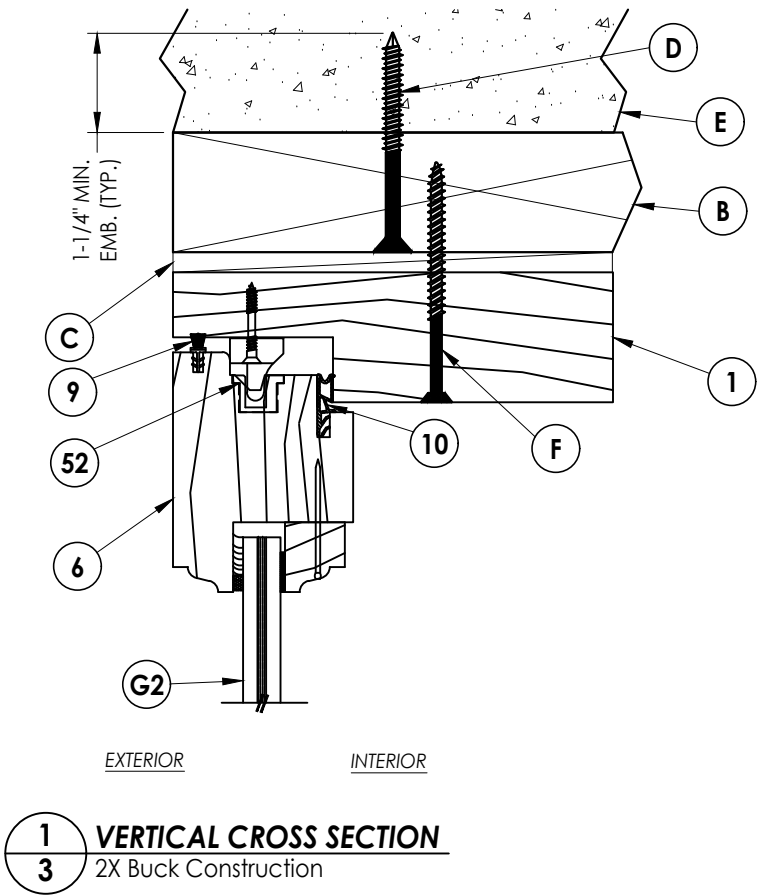
SHEET 1 OF 5

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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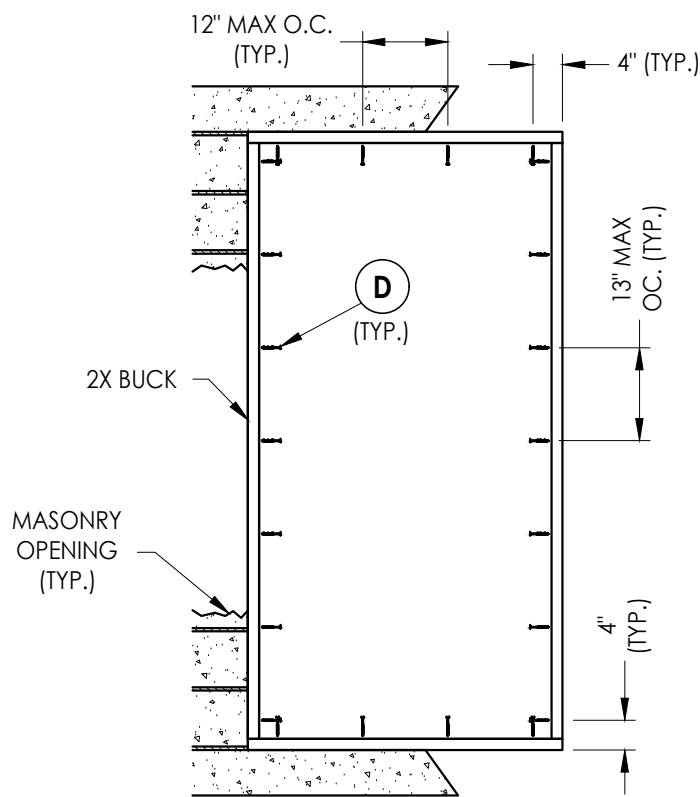


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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17423.1
SHEET	3 OF 5

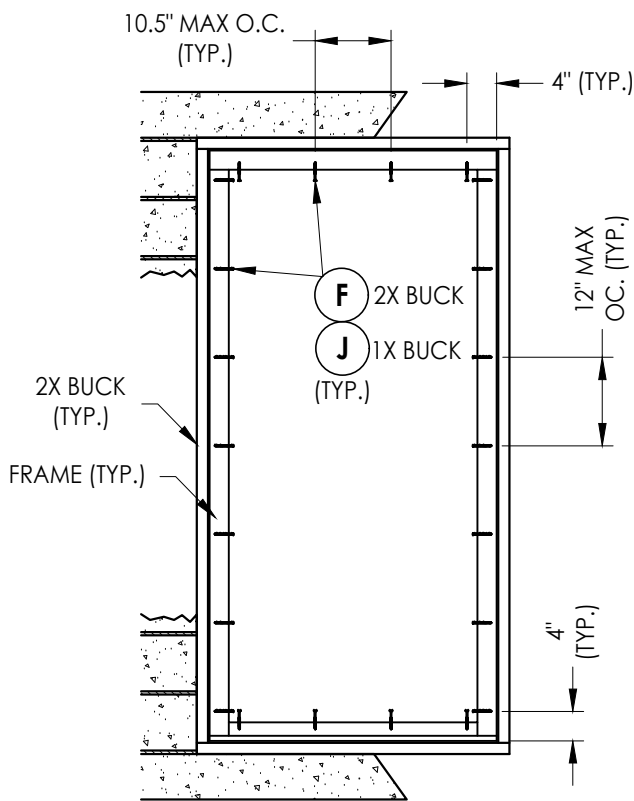
PRODUCT:	MILLWORK ARTISANS AWNING WINDOW
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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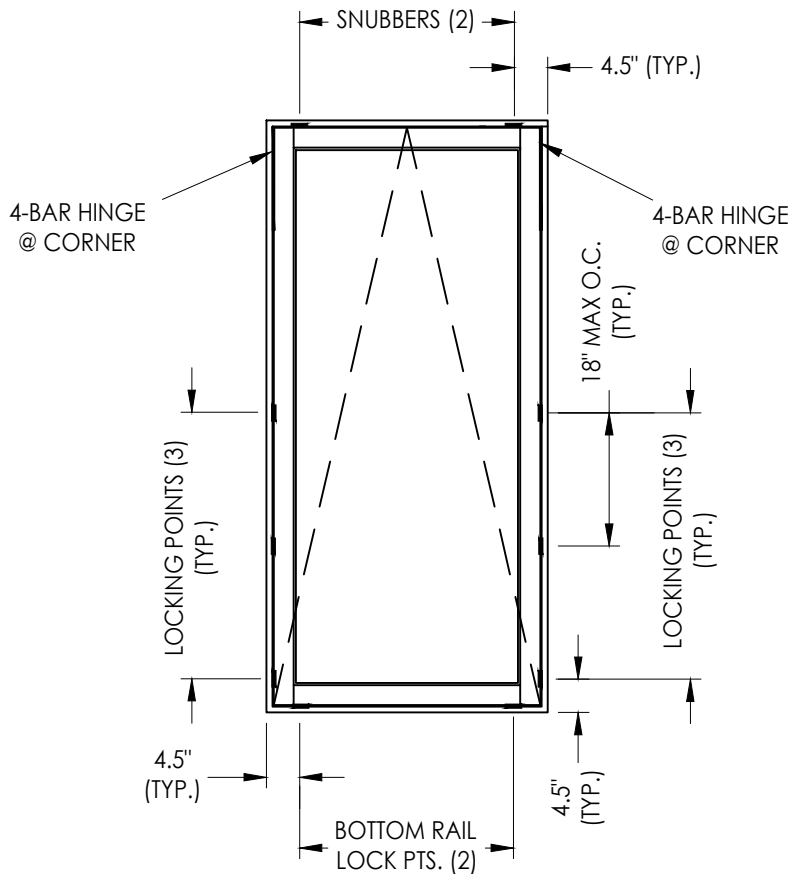
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BUCK ANCHORING
Masonry construction



FRAME ANCHORING



HARDWARE

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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PRODUCT:

MILLWORK ARTISANS
AWNING WINDOW

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
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CHK. BY: LFS

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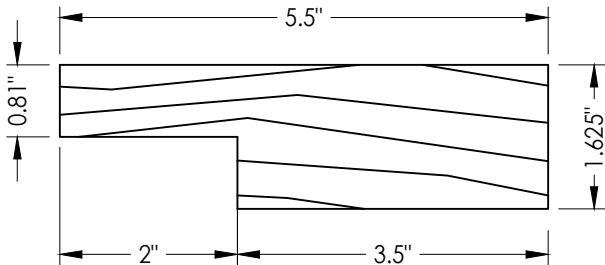
FL-17423.1

SHEET 4 OF 5

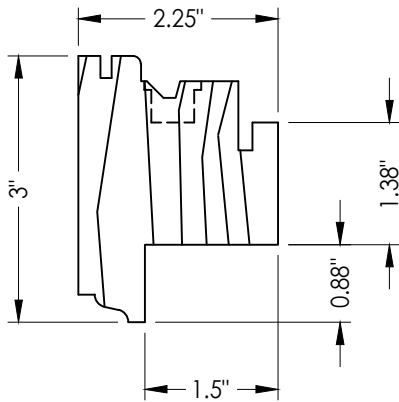
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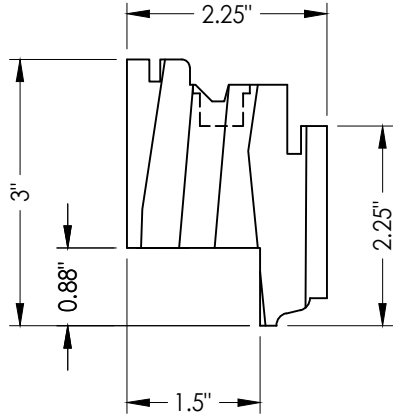
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK G >= 0.42	
B	2X BUCK G >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#12 X 3" PFH WOOD SCREW (1-3/8" MIN EMBEDMENT)	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
1	AMERICAN FRAME	WOOD
6	SASH - PROJECT OUT	WOOD
7	SASH - PROJECT OUT	WOOD
8	GLAZING BEADS	WOOD
9	WEATHERSTRIP Q-LON 320 (SCHLEGEL)	WOOD
10	WEATHERSTRIP ACF 6950 (GU)	WOOD
15	#12 X 1-1/4" PFH WOOD SCREW	STEEL
50	MULTI-POINT LOCK (GU CONTURA SERIES)	-
51	MULTI-POINT LOCK (SEGENIA SI-LINE 311)	-
52	SNUBBERS (GU)	-
56	4-BAR HINGE (TRUTH)	-



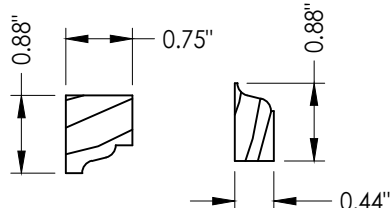
1 AMERICAN FRAME



6 SASH (PROJECT OUT)
Interior Glazing Bead

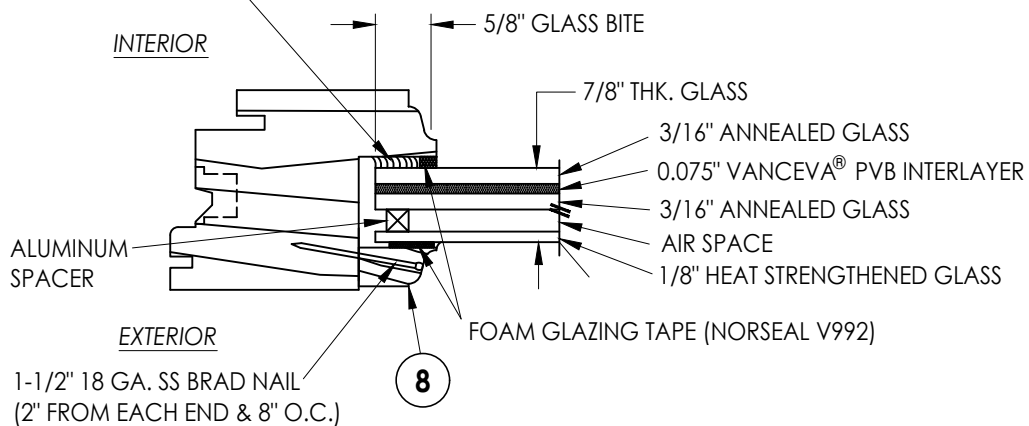


7 SASH (PROJECT OUT)
Exterior Glazing Bead

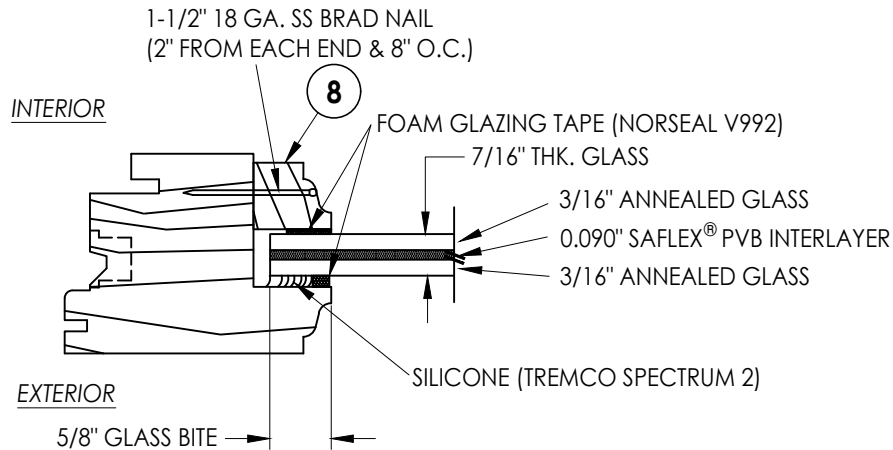


8 GLAZING BEADS

SILICONE (TREMCO SPECTRUM 2)



G1 GLAZING DETAIL



G2 GLAZING DETAIL

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CHK. BY:	LFS
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SHEET	5 OF 5

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PRODUCT:	MILLWORK ARTISANS AWNING WINDOW
PART OR ASSEMBLY:	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

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