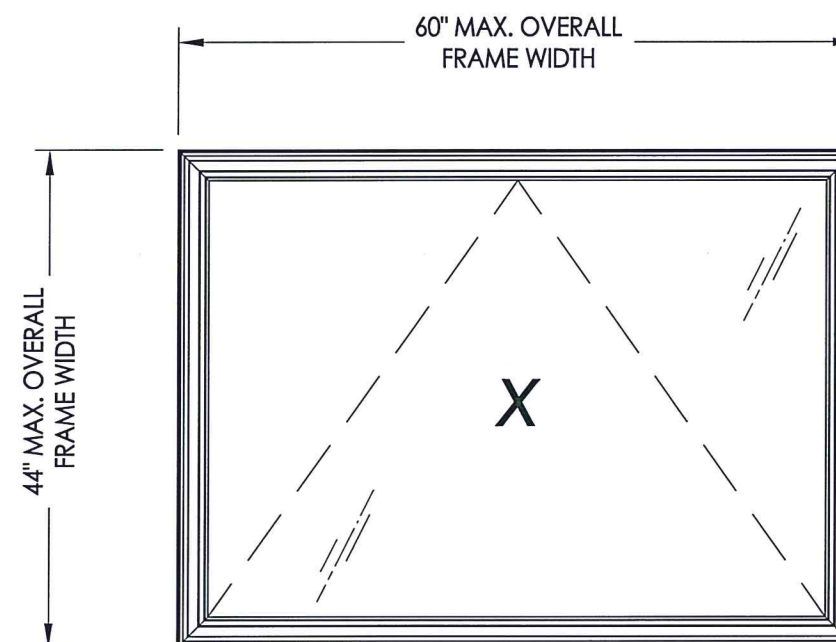


**"Verde" Series
Awning Window
"NON-IMPACT"**

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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	Buck & frame anchoring
4	Bill of materials, glazing details and components



OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
60.0" X 44.0"	54.5" X 38.5"	G1	+30.0	-30.0
48.0" X 32.0"	42.5" X 26.5"	G2	+55.0	-55.0

		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		DATE: 12/14/19 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-29649.4	
		PRODUCT: AWNING WINDOW		State of FLORIDA PROFESSIONAL ENGINEER	
		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
				SHEET 1 OF 4	

NOTE: Sheet metal screws must penetrate a min. of 3 threads through metal.

The diagram shows a cross-section of a door lock assembly. A horizontal screw (K) is shown passing through a door (J) into the lock body (C). The lock body is mounted on a door frame (1). The handle (2) is shown in a retracted position. The internal mechanism (3) is shown with a bolt (4) extended. The lock is secured by a screw (9) into the door frame (G1).

1-1/4" MIN.
EMB. (TYP.)

A

B

C

D

E

1

2

3

4

8

9

10

15

F

Technical cross-section diagram of a window assembly. The diagram illustrates the internal structure of the window frame and its connection to the surrounding wall. Key components are labeled with circled numbers and letters:

- 1**: Points to the main window frame or sash.
- 2**: Points to a component, possibly a gasket or seal.
- 4**: Points to a component, possibly a hinge or latch mechanism.
- 7**: Points to a component, possibly a hinge or latch mechanism.
- 8**: Points to a component, possibly a hinge or latch mechanism.
- 9**: Points to a component, possibly a hinge or latch mechanism.
- 10**: Points to a component, possibly a hinge or latch mechanism.
- 15**: Points to a component, possibly a hinge or latch mechanism.
- A**: Points to a component, possibly a hinge or latch mechanism.
- C**: Points to a component, possibly a hinge or latch mechanism.
- E**: Points to a component, possibly a hinge or latch mechanism.
- G**: Points to a component, possibly a hinge or latch mechanism.

Dimensional information is provided at the bottom right:

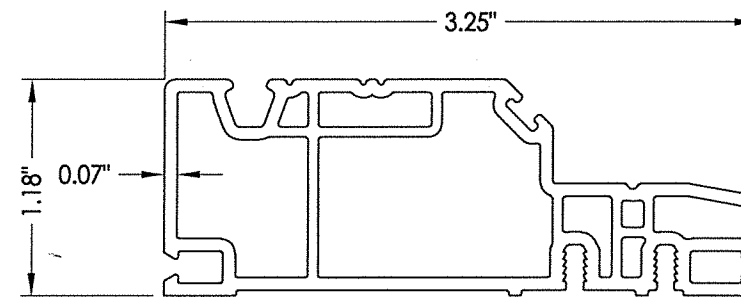
- 1-1/4" MIN.**: Minimum dimension.
- EMB. (TYP.)**: Typical embossed dimension.

1-1/4" MIN.
EMB. (TYP.)

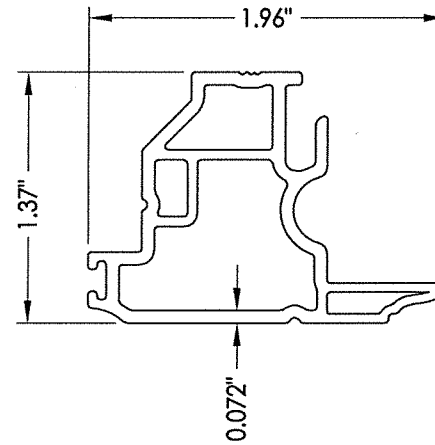
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2-1/2" PH or FH SMS (1-1/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL SASH*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
4	EXTRUDED VINYL FRAME CAP* (HEAD & JAMB)	RIGID PVC
5	EXTRUDED VINYL FRAME CAP* (SILL)	RIGID PVC
7	BULB WEATHERSTRIP	STEEL
8	BULB WEATHERSTRIP	STEEL
9	TIE BAR ASSEMBLY	STEEL
10	LOCK ASSEMBLY	-
11	SINGLE ARM OPERATOR	-
14	SNUBBER	STEEL
15	KEEPER	STEEL

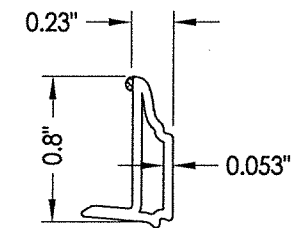
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



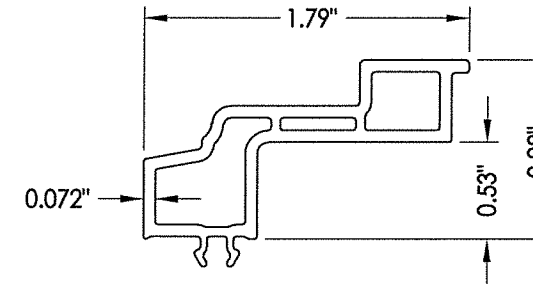
1 FRAME



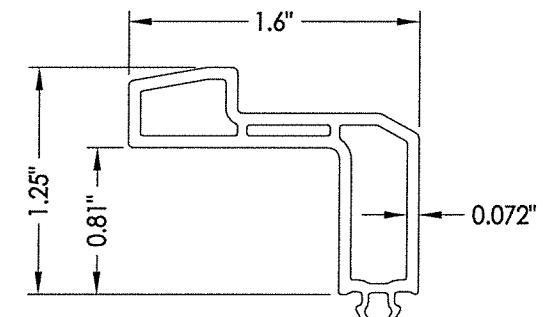
2 SASH



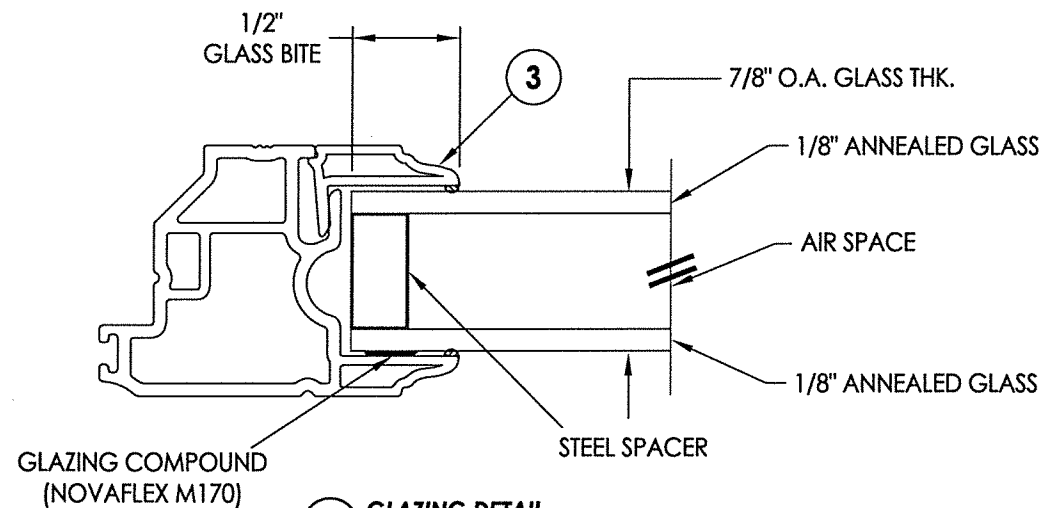
3 GLAZING BEAD



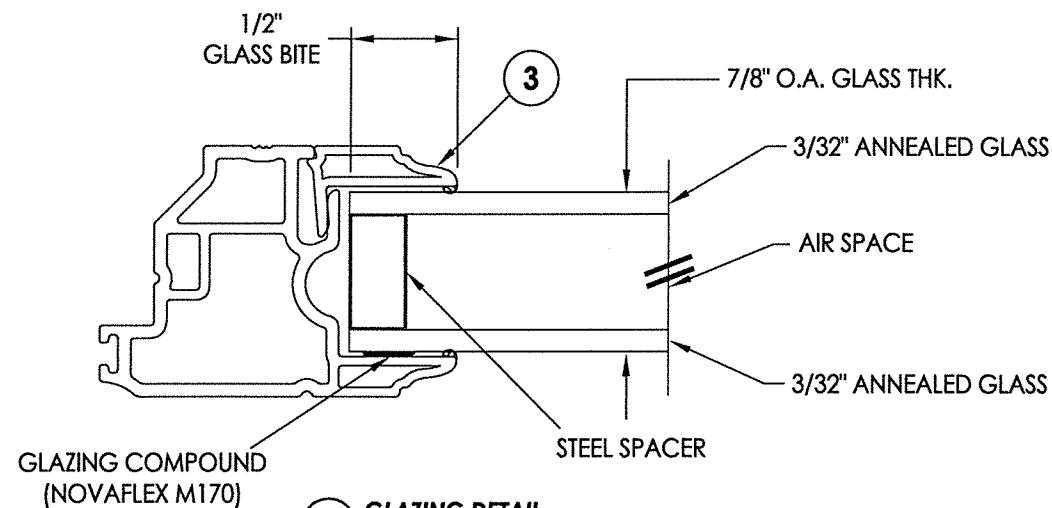
4 FRAME CAP (HEAD & JAMBS)



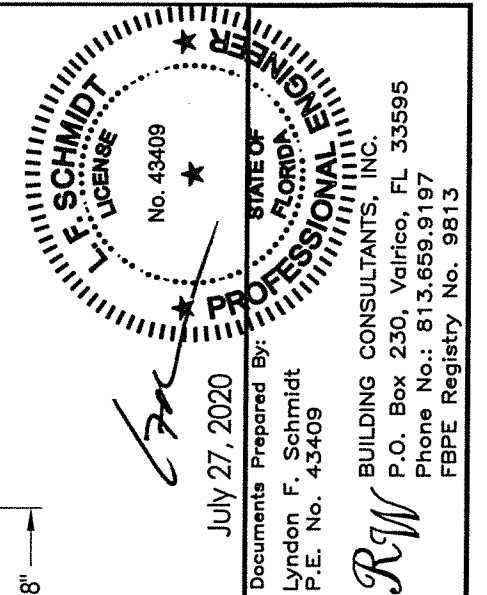
5 FRAME CAP (SILL)



G1 GLAZING DETAIL



G2 GLAZING DETAIL

[illegible]