

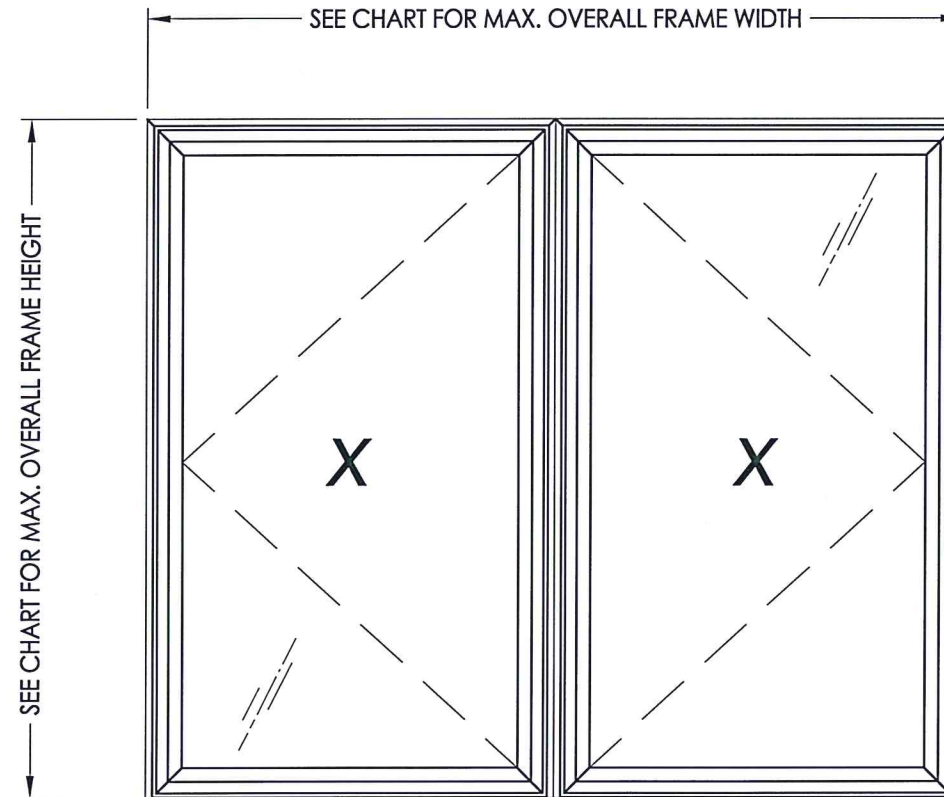
Twin Casement Window

"NON-IMPACT"

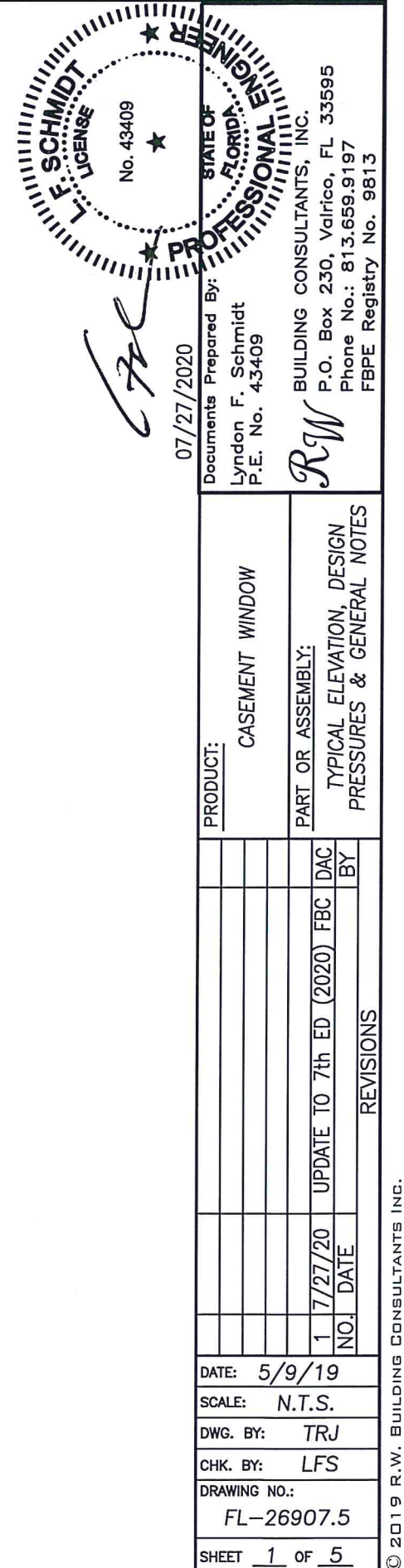
GENERAL NOTES

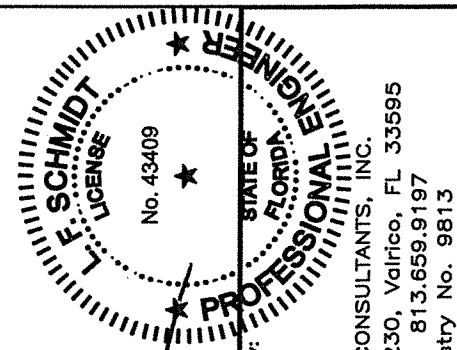
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 cross sections
3	Horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components



OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
72.0" X 60.0"	29.75" X 53.5"	G1	+40.0	-40.0
64.0" X 72.0"	25.75" X 65.5"	G2	+35.0	-35.0
64.0" X 48.0"	25.75" X 41.5"	G2	65.0	-65.0

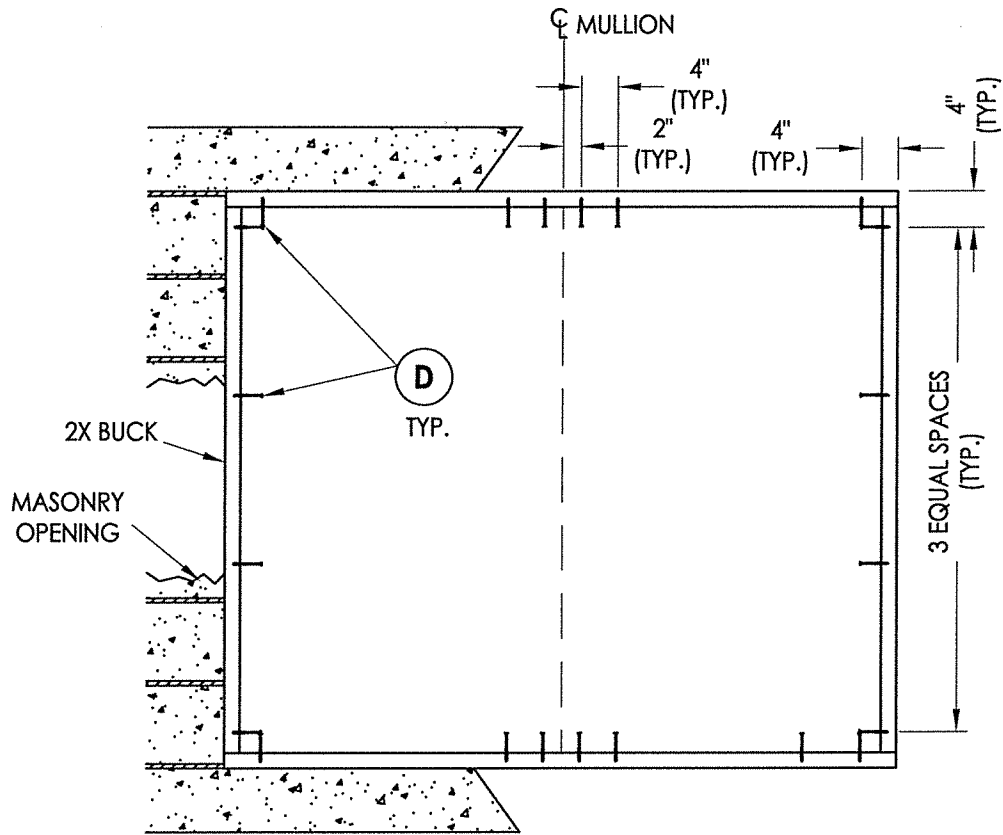




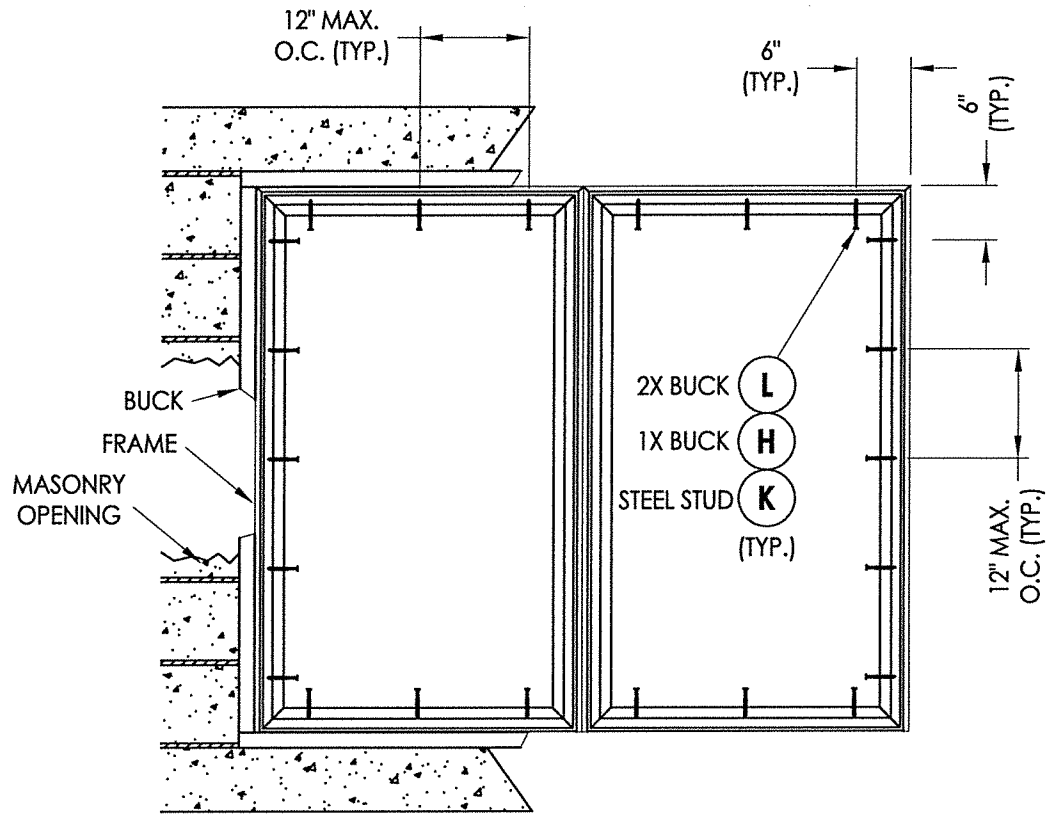
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 5/9/19		PRODUCT: CASEMENT WINDOW	
SCALE: N.T.S.		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26907.5			
SHEET 2 OF 5			

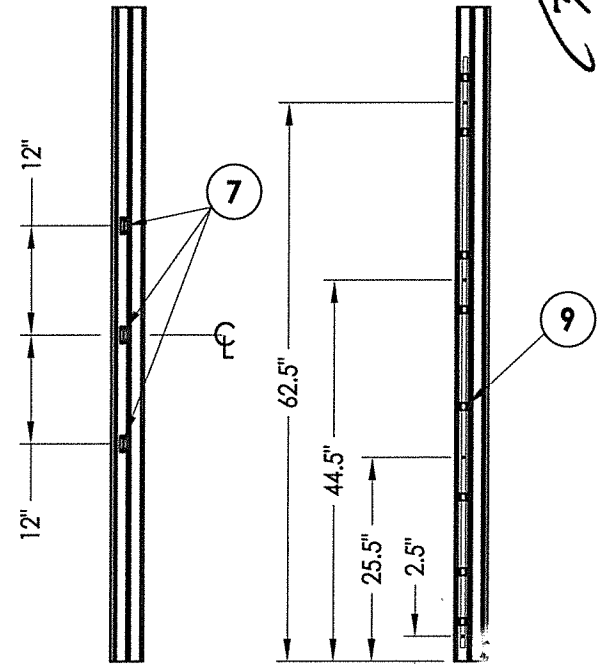
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BUCK ANCHORING



FRAME ANCHORING



HINGE JAMB

Snubber locations
72" Frame Height Shown
60" Frame Height (2 Snubbers)

LOCK JAMB

Lock locations
72" Frame Height Shown
60" Frame Height (3 Locks)

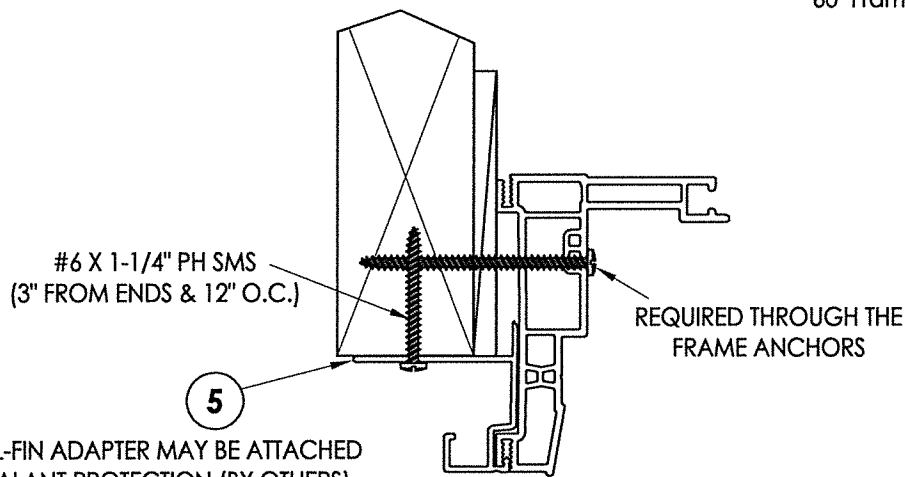
CONCRETE ANCHOR NOTES:

- 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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

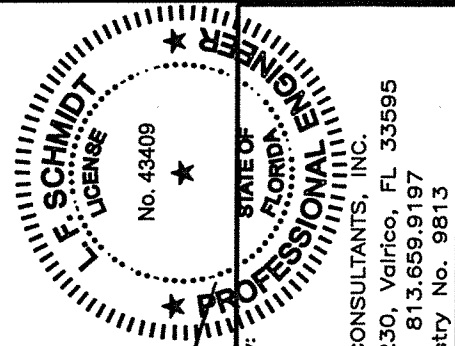
WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



OPTIONAL NAIL-FIN ADAPTER MAY BE ATTACHED FOR ADDED SEALANT PROTECTION (BY OTHERS). ALL THROUGH THE FRAME ANCHORS SHOWN ARE STILL REQUIRED.

OPTIONAL NAIL-FIN ADAPTER
(NON-STRUCTURAL - FOR SEALANT ONLY)



07/27/2020

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT:	CASEMENT WINDOW
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING
DATE	7/27/20
NO.	1
BY	DAC
REVISIONS	UPDATE TO 7th ED (2020) FBC

DATE: 5/9/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

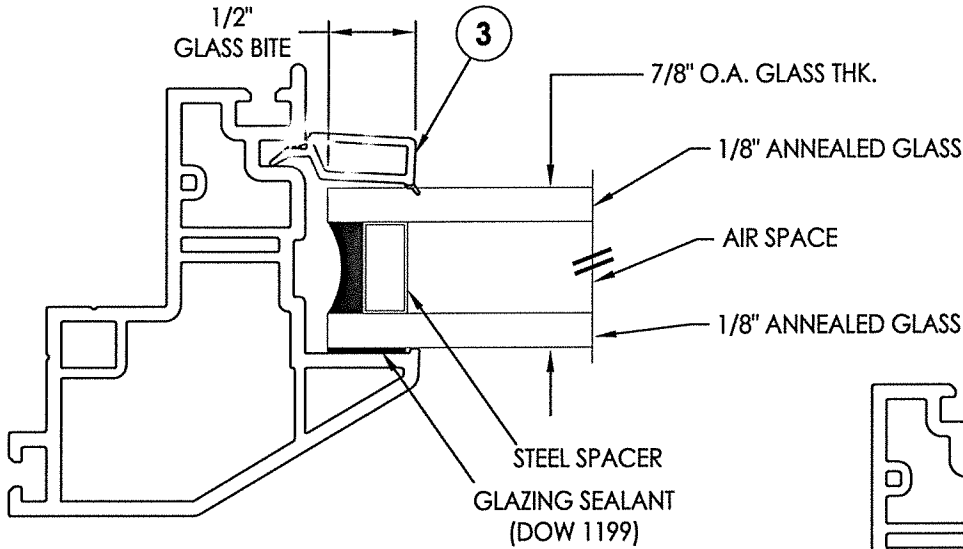
FL-26907.5

SHEET 4 OF 5

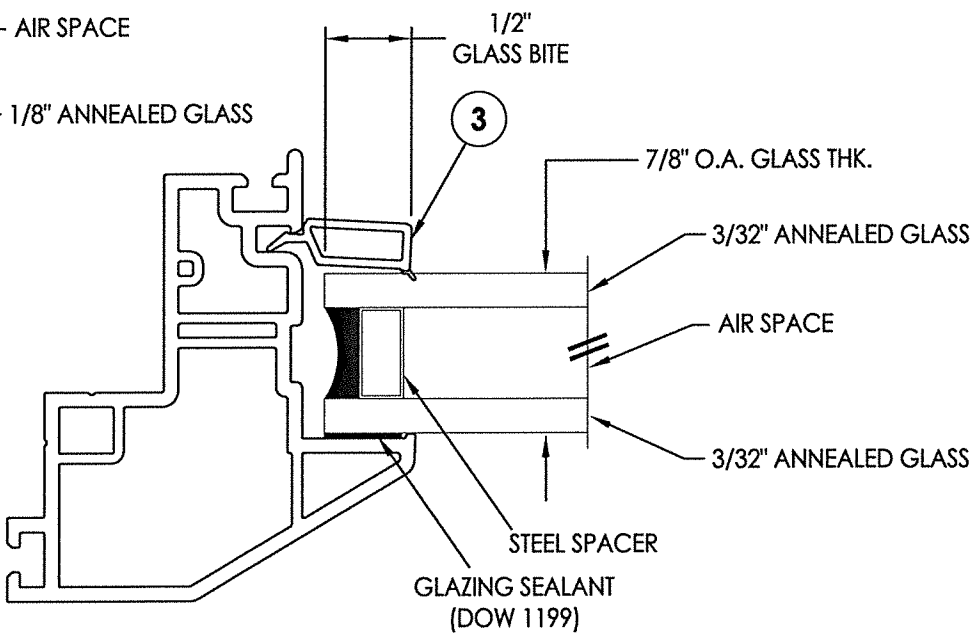
\\dc01\vrbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26907 - Casement Window\C - Drawings\FL 26907 (2020)\FL-26907.4-5.dwg

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" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" 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 (795A)*	RIGID PVC
2	EXTRUDED VINYL SASH (996)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
4	EXTRUDED VINYL T-MULLION (757)*	RIGID PVC
5	EXTRUDED VINYL NAIL-FIN ADAPTER (929)*	RIGID PVC
7	SNUBBER	STEEL
8	#9 X 9/16" PPH SMS	STEEL
9	LOCK ASSEMBLY	STEEL
10	FOAMTITE SEAL	-
11	SINGLE ARM OPERATOR	-

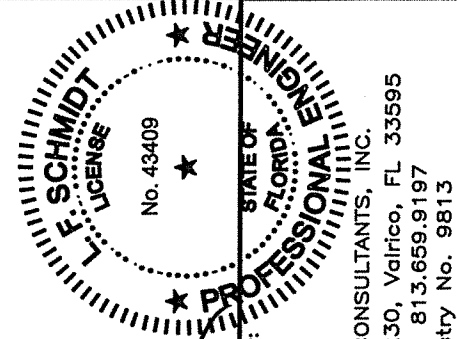
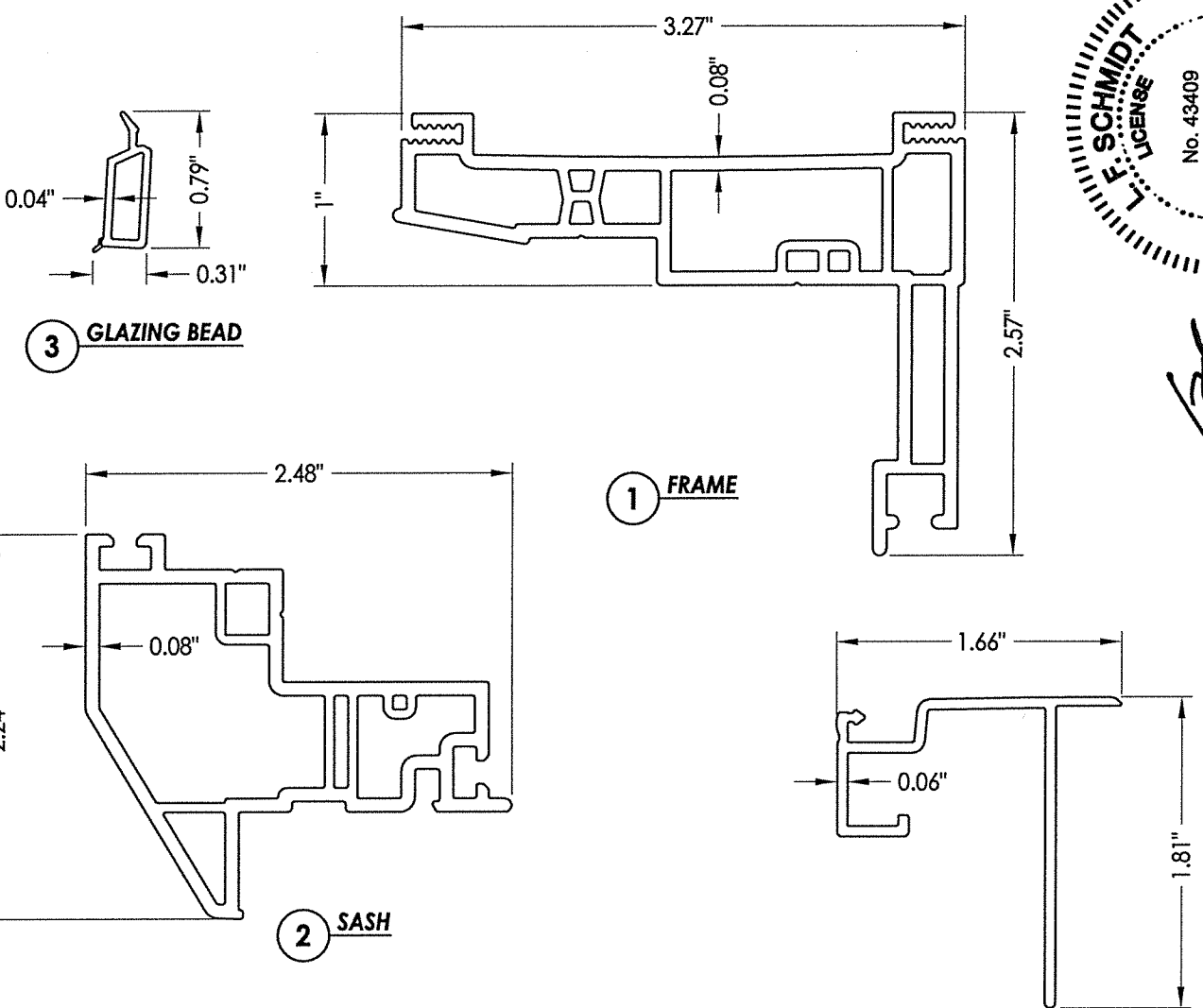
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



G2 GLAZING DETAIL



07/27/2020
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FBPE Registry No. 9813

PRODUCT:		CASEMENT WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
NO.	DATE	UPDATE TO	BY
1	7/27/20	7th ED (2020)	DAC
REVISIONS			
DATE: 5/9/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26907.5			
SHEET 5 OF 5			