

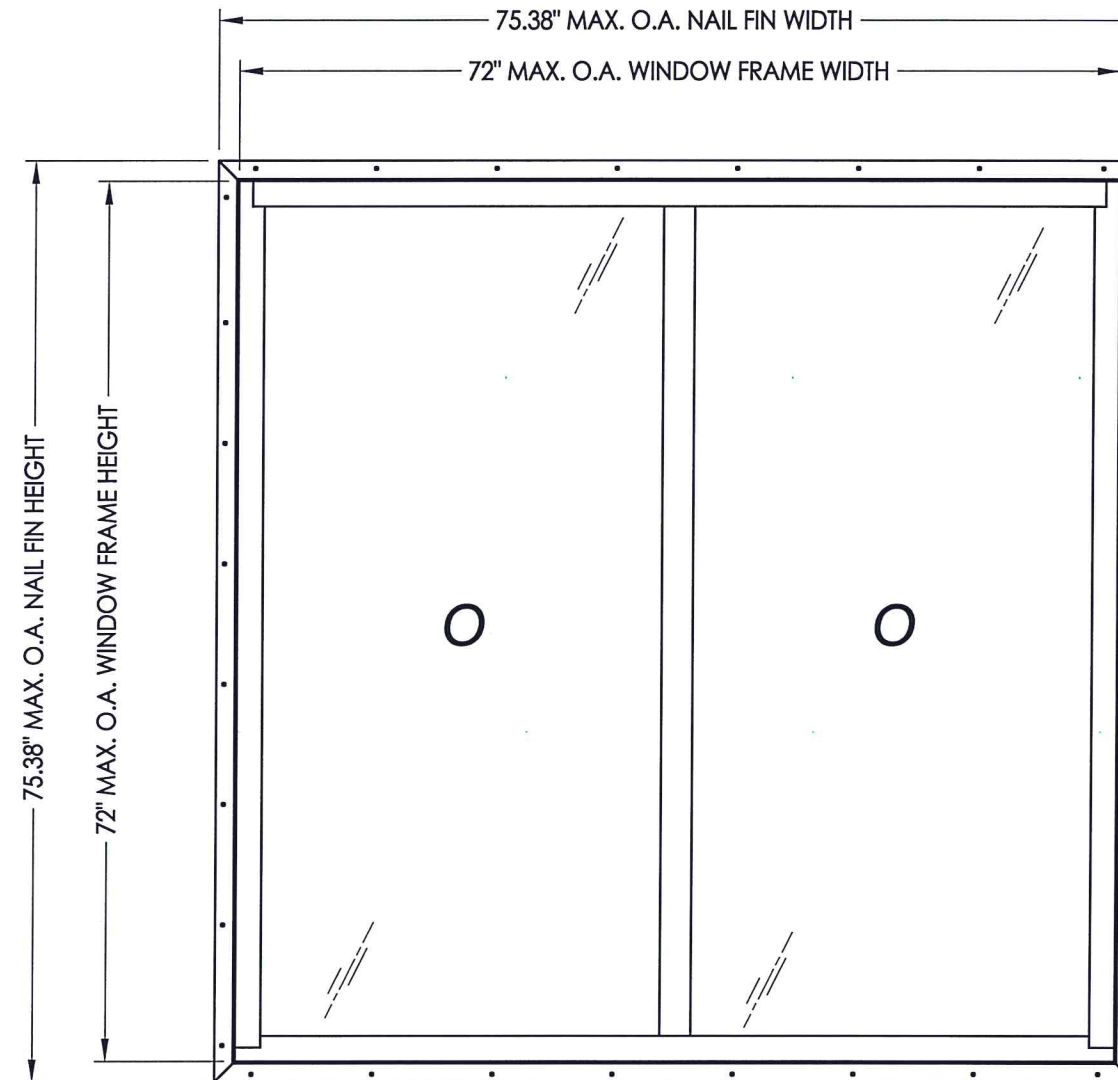
Window Technology, Inc.
201 Industrial Drive Monett, MO 65708

Model 325
Aluminum Twin Fixed Window
w/ Nailing Fin
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 6th Edition (2017) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

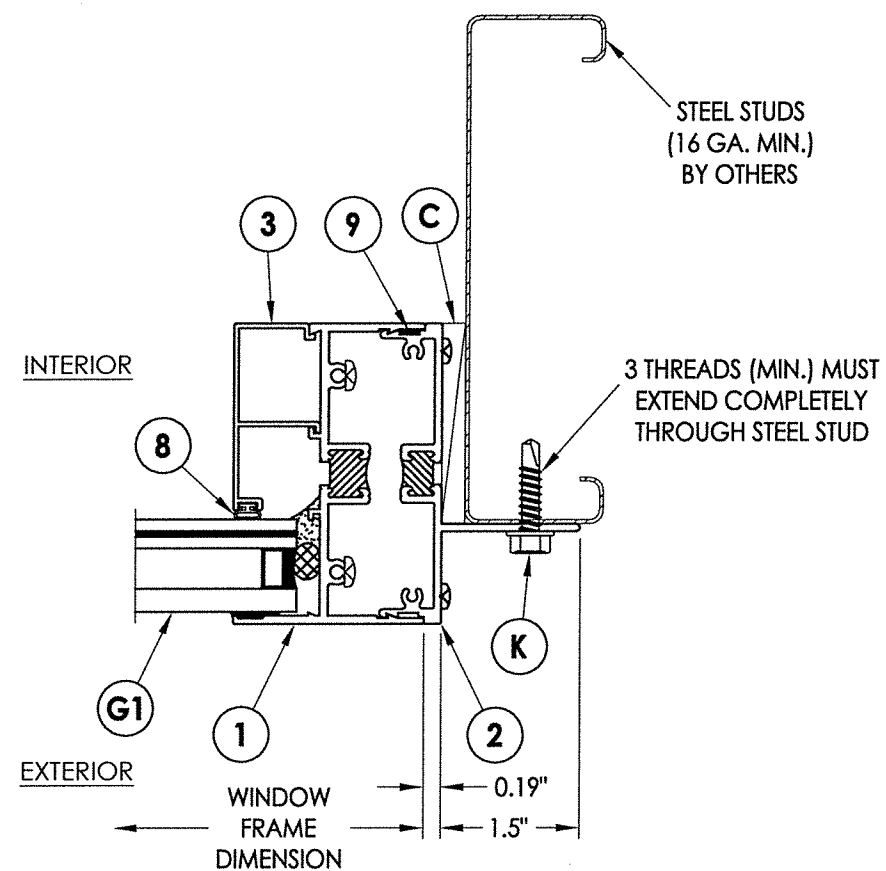
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Horizontal Cross Sections
3	Buck & Frame Anchoring
4	Bill of Materials, Components & Glazing Details



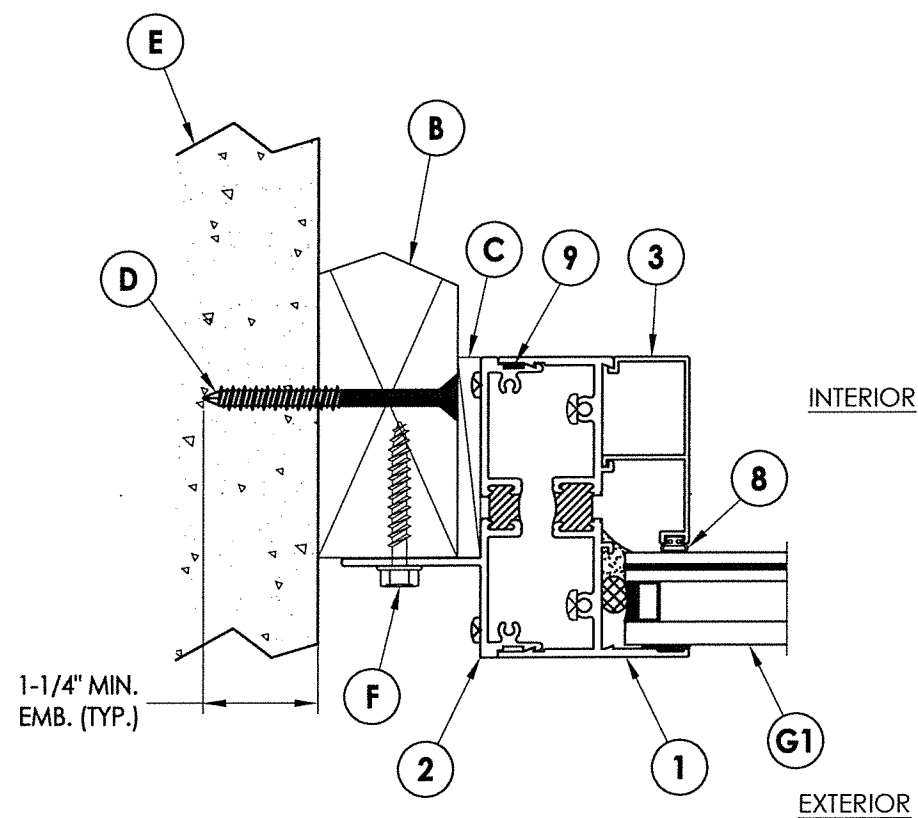
MAX. NAIL FIN DIMENSION	MAX. WINDOW FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
75.38" X 75.38"	72" X 72"	32.63" X 67.87"	G1	+60.0	-60.0

F. SCHMIDT LICENSE		No. 43409 <i>[Signature]</i> 9.27.19		* STATE OF FLORIDA * ** PROFESSIONAL ENGINEER **	
		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Reg. No. 9813	
				<i>RW</i>	
				<i>PRESSURES &</i> GENERAL NOTES	
				REVISIONS	
				BY	
				DATE	
				NO.	
				SCALE: N.T.S.	
				DWG. BY: RW	
				CHK. BY: LFS	
				DRAWING NO.: FL-30446.2	
				DATE: 9/09/19	
				SHEET 1 OF 4	

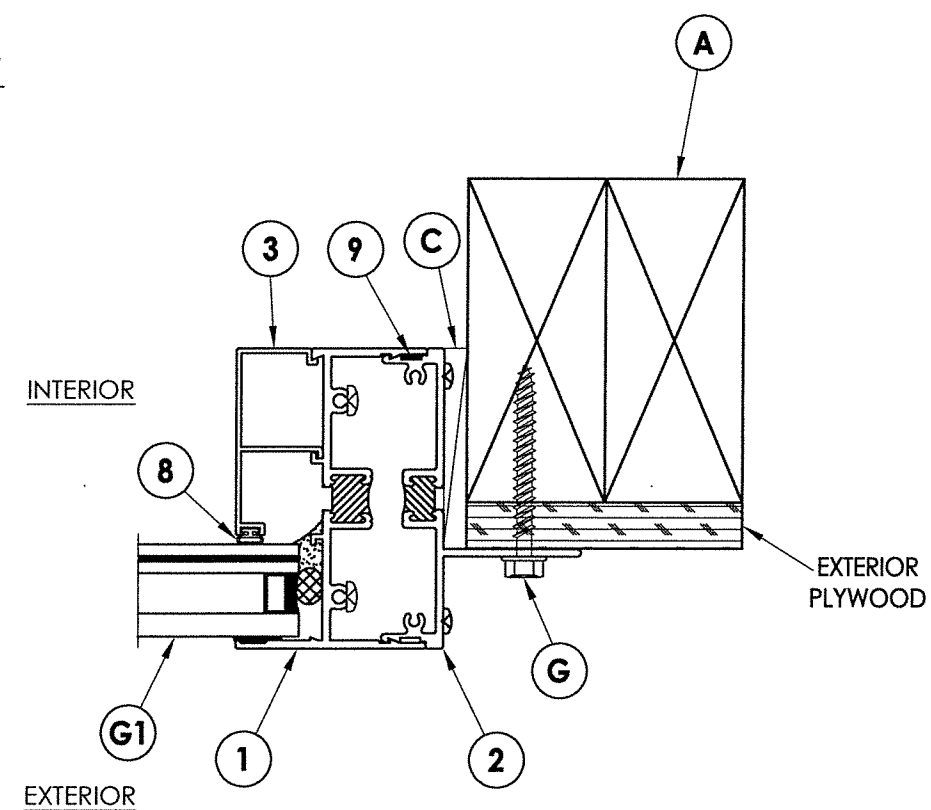
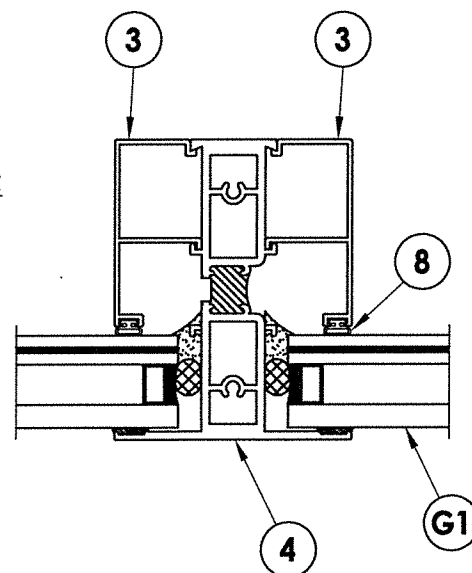
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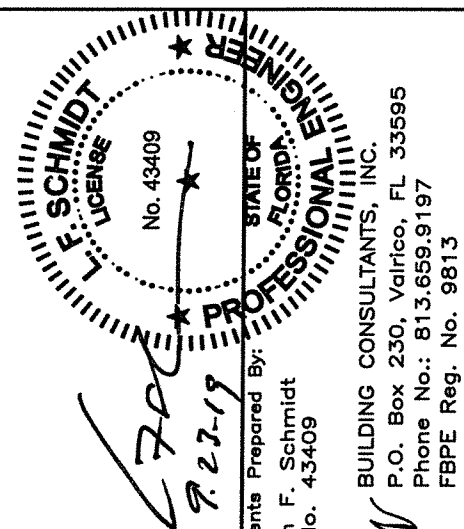
3 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction



- 1 **HORIZONTAL CROSS SECTION**
- 2 2X Buck Masonry Construction



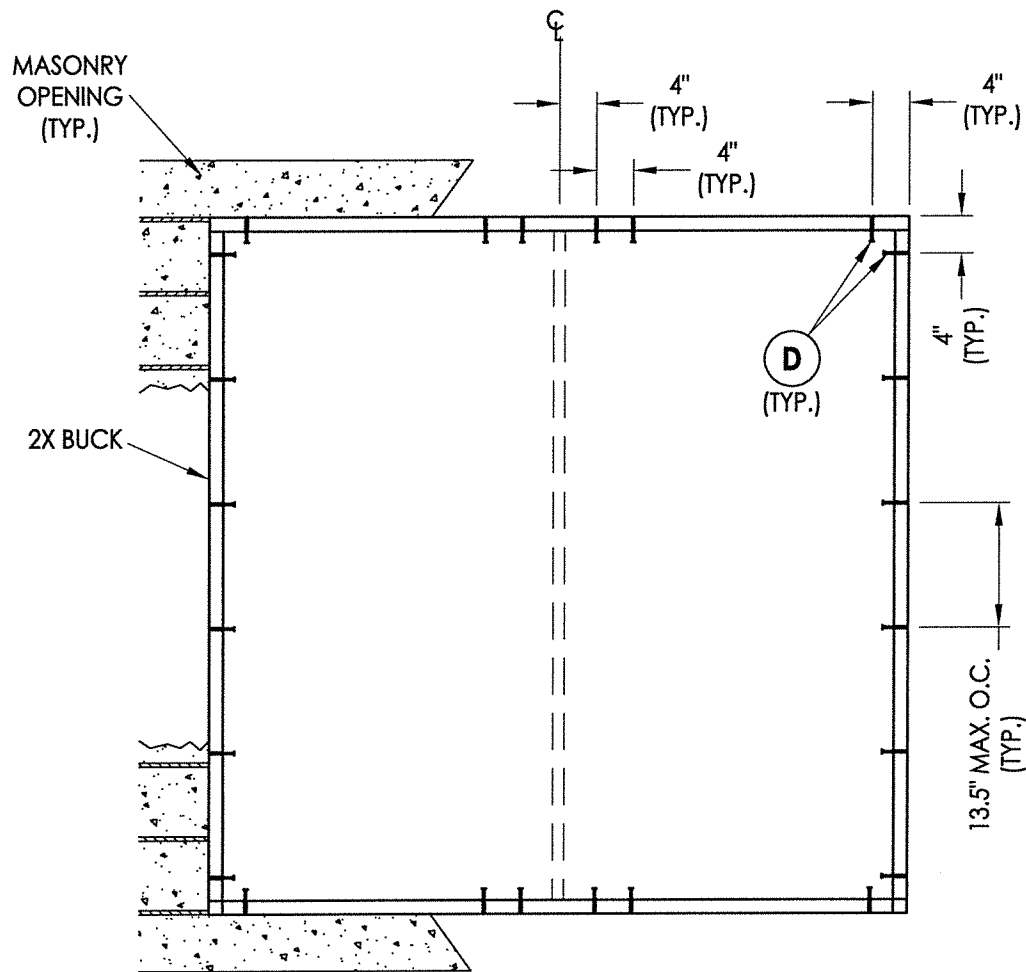
2 HORIZONTAL CROSS SECTION
2 Stud Construction



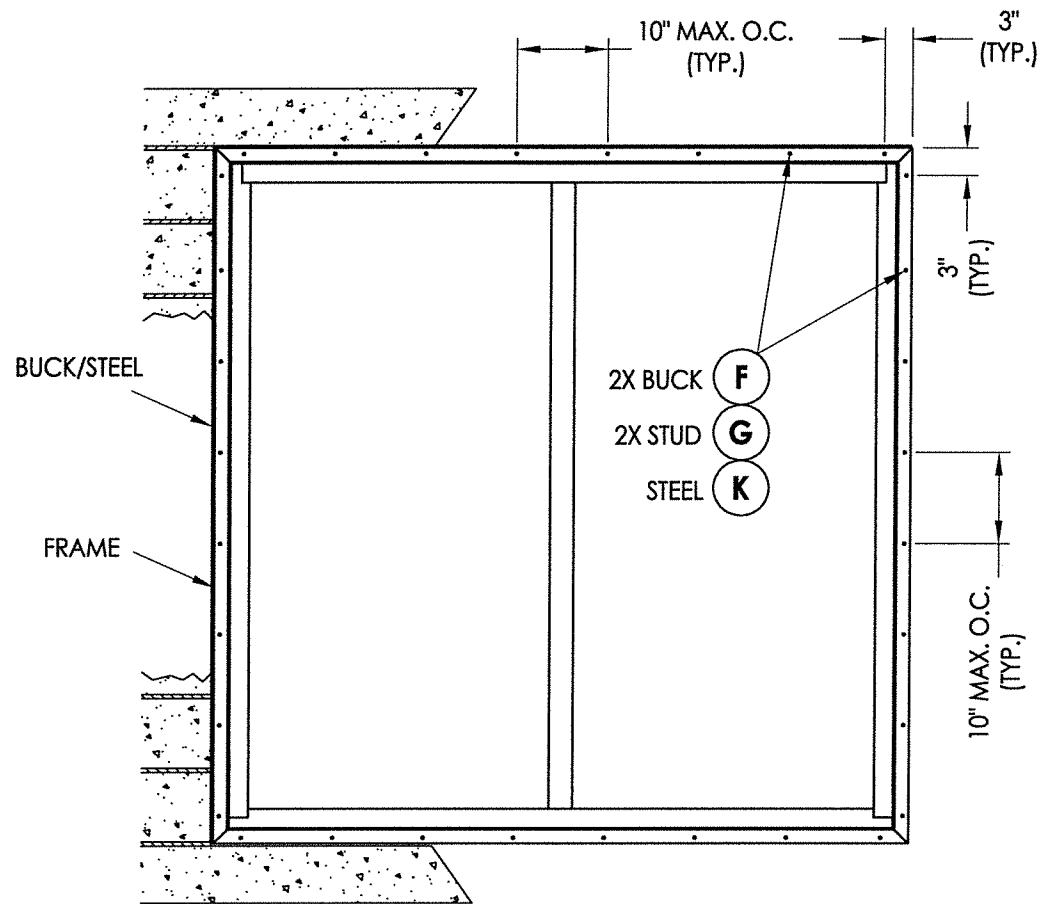
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Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: Aluminum Fixed Window		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



BUCK ANCHORING



FRAME ANCHORING

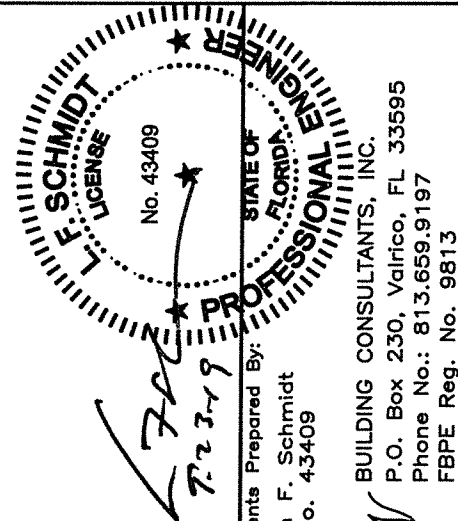
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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:

1. 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 Reg. No. 9813

PRODUCT:

Aluminum Fixed Window

PART OR ASSEMBLY:

BUCK & FRAME
ANCHORING

NO. DATE

BY

REVISIONS

DATE: 9/09/19

SCALE: N.T.S.

DWG. BY: RW

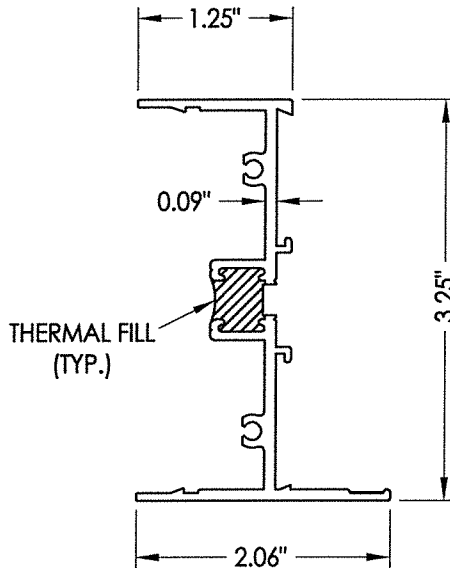
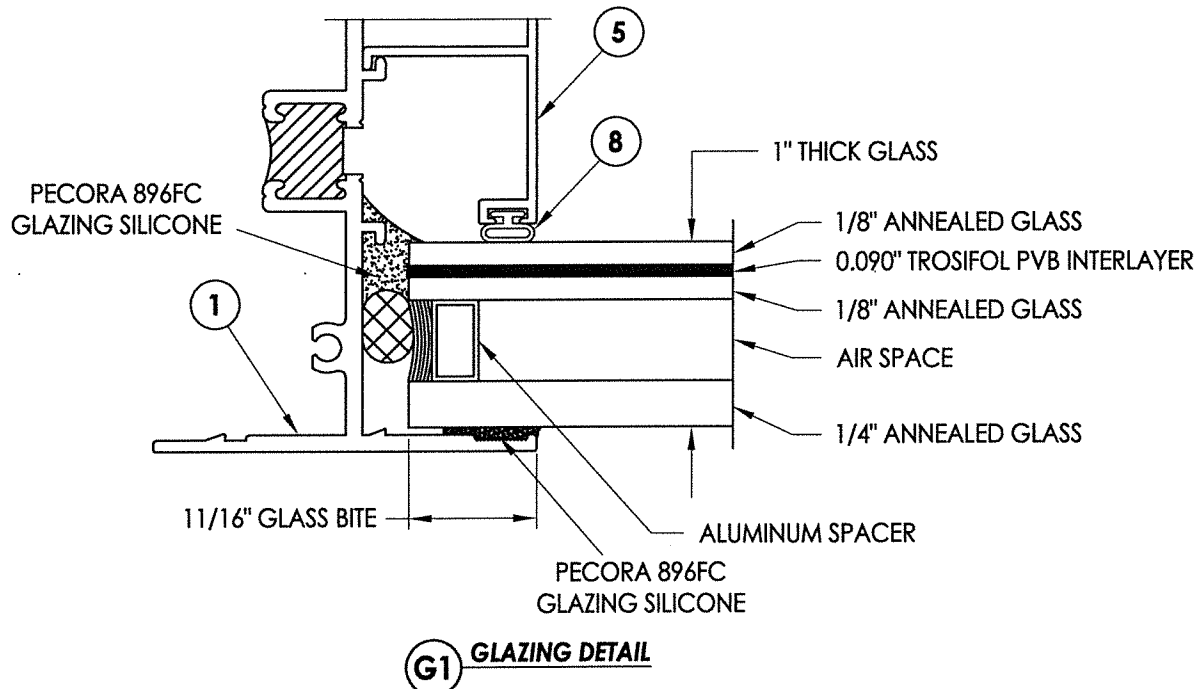
CHK. BY: LFS

DRAWING NO.:

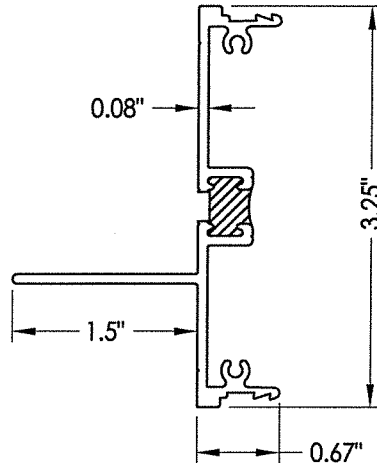
FL-30446.2

SHEET 3 OF 4

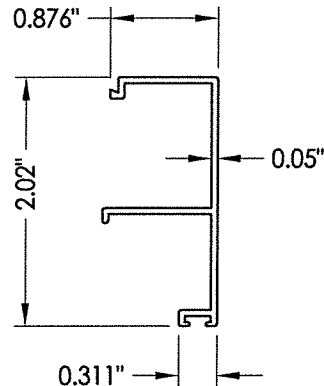
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#14 X 1-1/2" HWH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	#14 X 2" HWH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
K	1/4-14 HWH SELF-DRILLING SMS (3 THREADS THROUGH STEEL MIN. EMBEDMENT)	STEEL
1	FRAME (E723)	6063-T6 ALUM
2	NAIL FIN SUBFRAME (E755)	6063-T6 ALUM
3	320 GLAZING BEAD (E729) - 1" GLASS	6063-T6 ALUM
4	FIXED MEETING RAIL (E724)	6063-T6 ALUM
8	GLAZING BEAD BULB VINYL (CENTRAL PLASTICS)	-
9	SEALANT (PECORA 896)	SILICONE



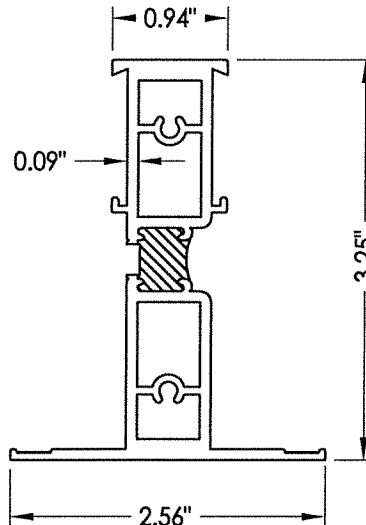
1 FRAME



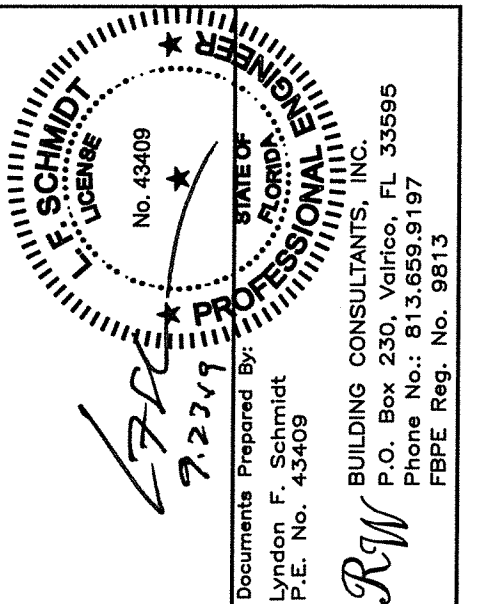
2 NAIL FIN SUBFRAME



3 GLAZING BEAD



4 FIXED MEETING RAIL



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SHEET 4 OF 4				PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS