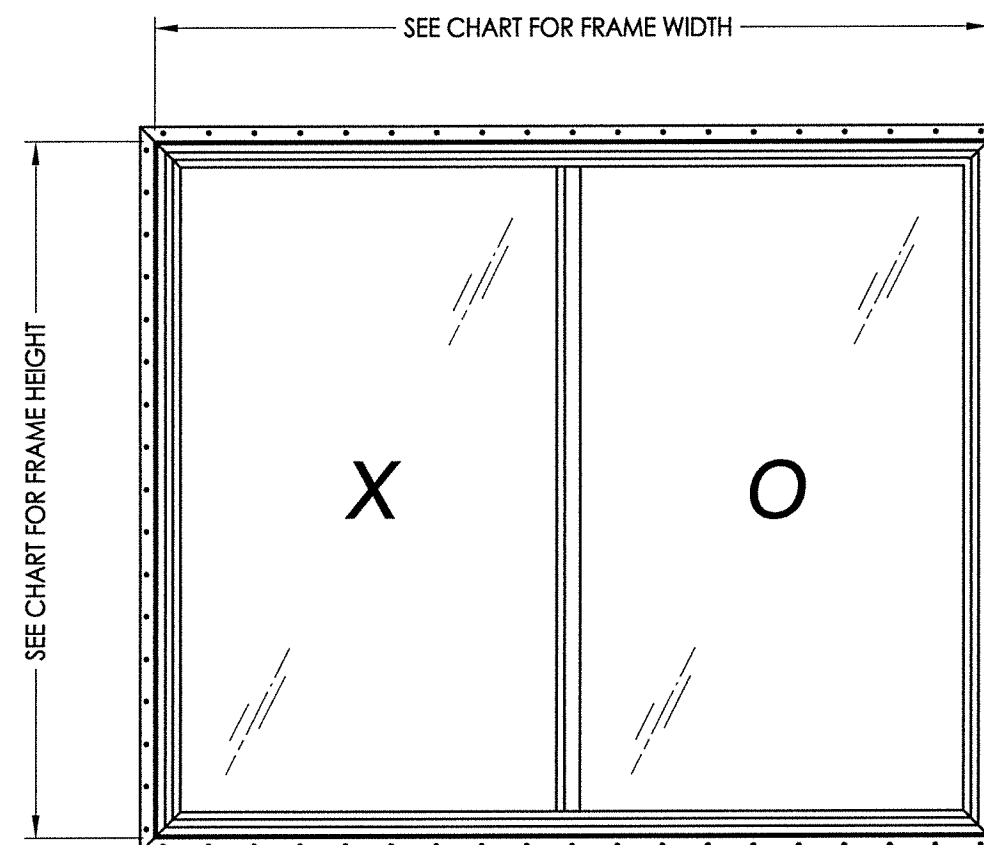


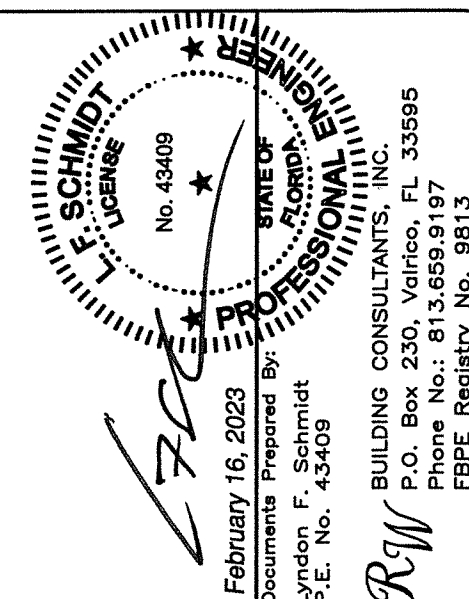


1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and ratings.
2. Product anchors shall be as listed 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. 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	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
86.5" x 62.5"	84.0" x 60.0"	(O) 38.75" x 55.5"	(X) 39.0" x 55.5"	G1	+15.0	-15.0
74.5" x 74.5"	72.0" x 72.0"	(O) 32.75" x 67.5"	(X) 33.0" x 67.5"		+15.0	-15.0
73.5" x 58.5"	71.0" x 56.0"	(O) 32.25" x 51.5"	(X) 32.5" x 51.5"	G2	+20.0	-20.0
73.5" x 58.5"	71.0" x 56.0"	(O) 32.25" x 51.5"	(X) 32.5" x 51.5"	G1	+25.0	-25.0
50.5" x 62.5"	48.0" x 60.0"	(O) 20.75" x 55.5"	(X) 21.0" x 55.5"	G3	+35.0	-35.0



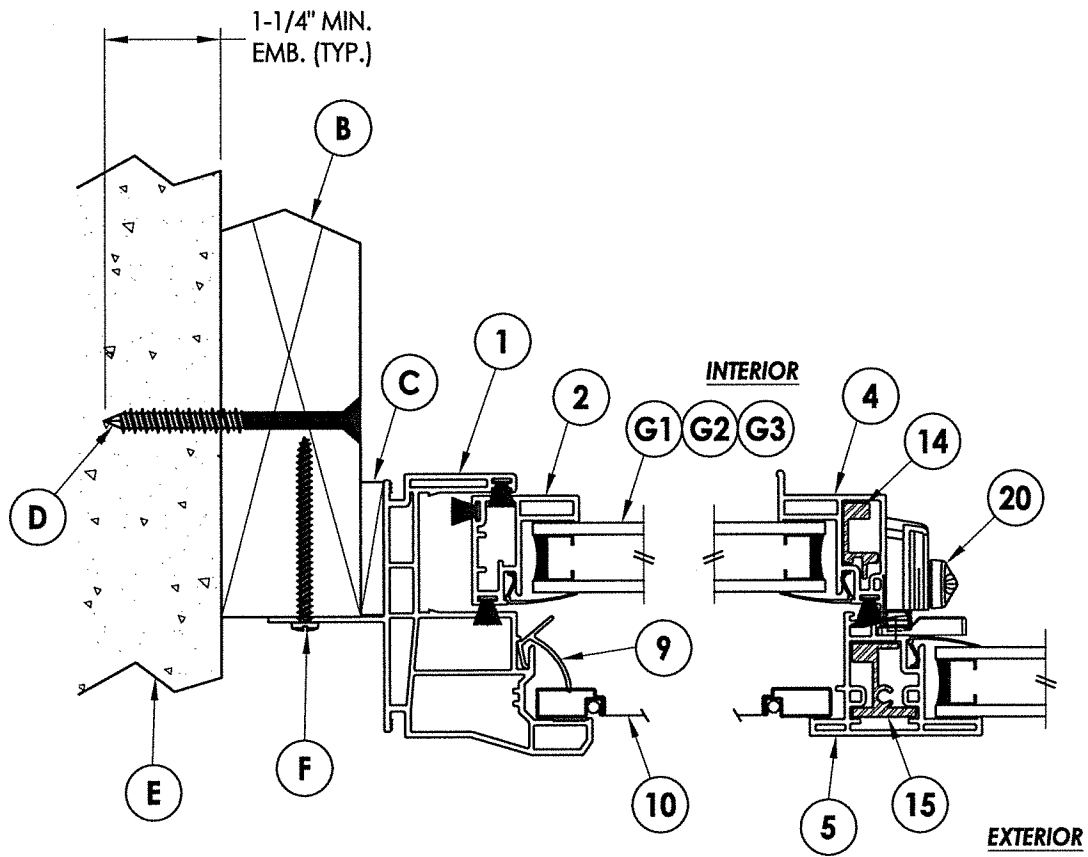
PRODUCT: HORIZONTAL SLIDER

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

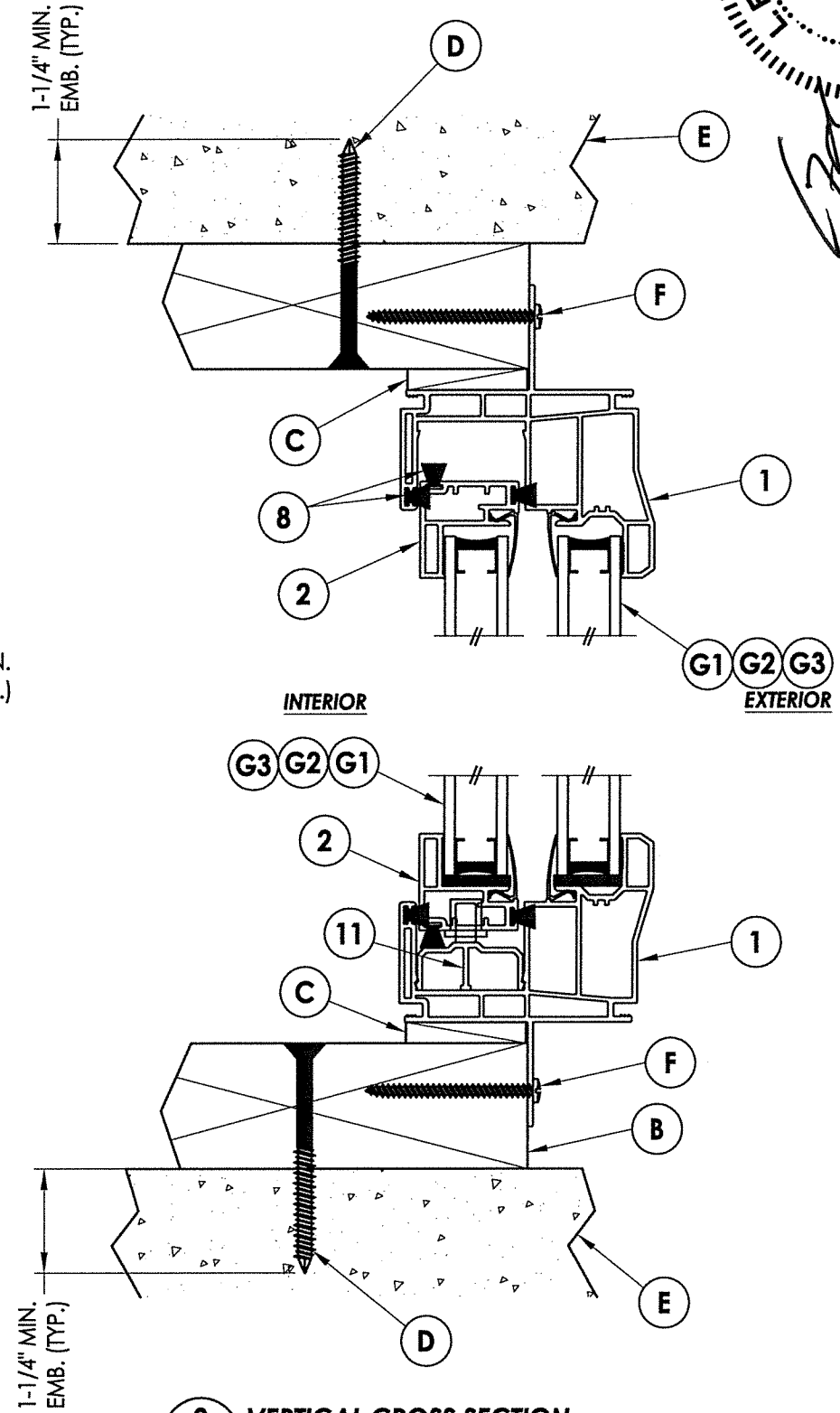
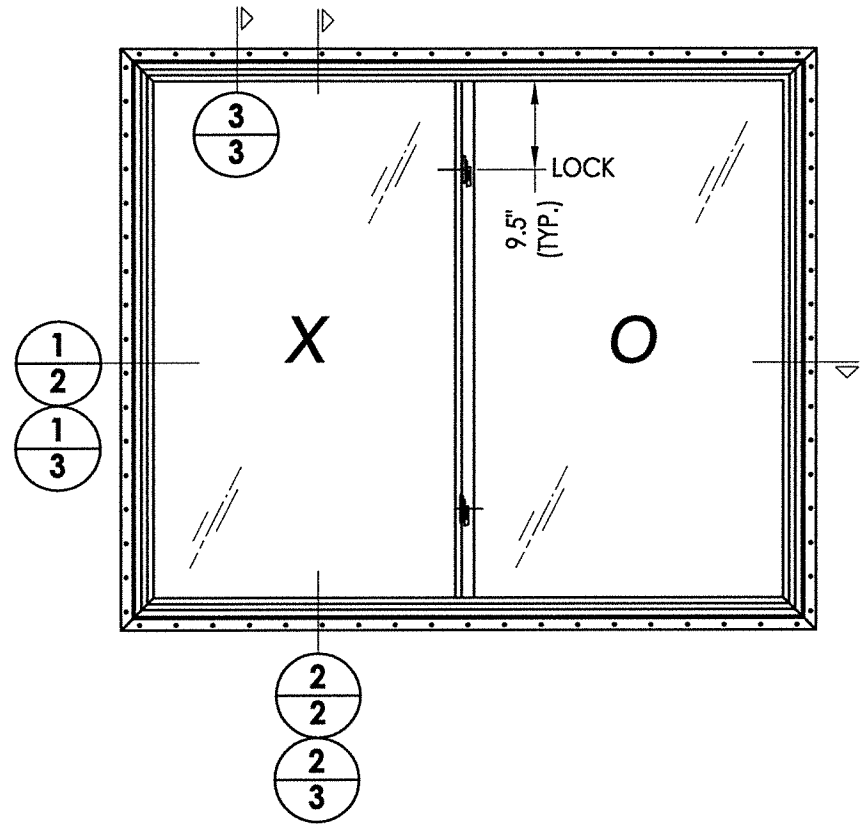
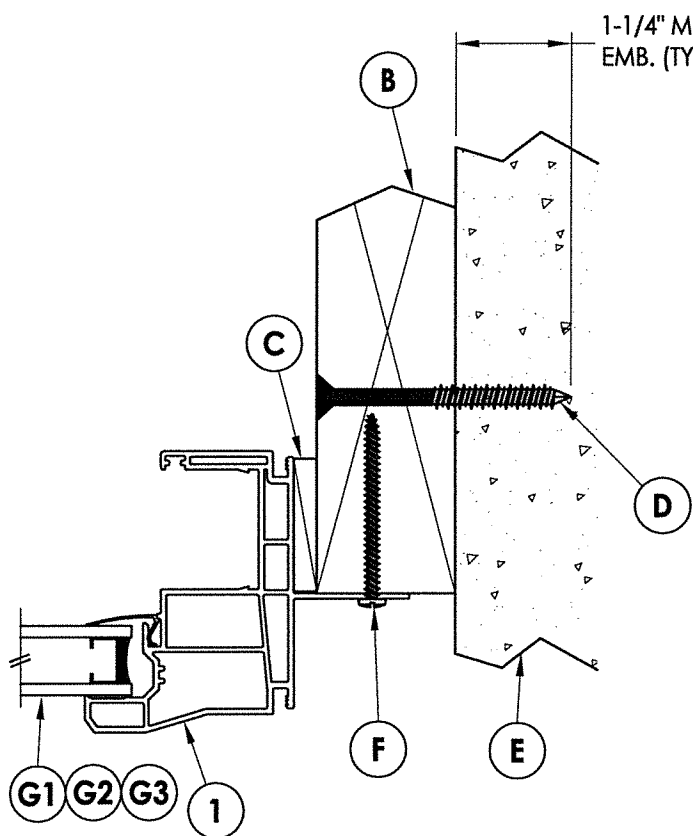
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	1	9/30/20	UPDATE TO 7TH ED. (2020)	FBC	
	NO.	DATE		BY	
					DECISIONS

DATE:	3/12/18
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-26521.1
SHEET	1 OF 5

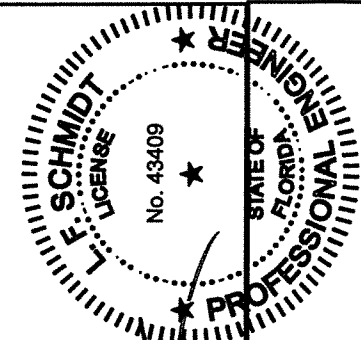
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1
2 **HORIZONTAL CROSS SECTION**
2x Buck Construction



2
2 **VERTICAL CROSS SECTION**
2x Buck Construction



February 16, 2023
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:		PART OR ASSEMBLY:	
HORIZONTAL SLIDER		VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE	NO.	BY	REVISIONS
3/12/18	2	LFS	UPDATE FOR NEW TESTING
	1	FBC	UPDATE TO 7TH ED. (2020)

DATE: 3/12/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-26521.1
SHEET 2 OF 5

3 VERTICAL CROSS SECTION
Steel Stud Construction

The diagram illustrates a window frame assembly in cross-section, showing both interior and exterior views. Key components and labels include:

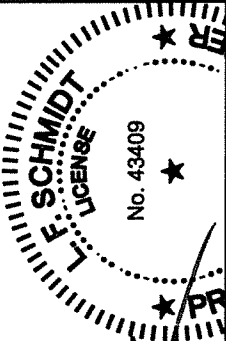
- A**: Points to the window frame structure.
- C**: Points to the sash or glazing assembly.
- H**: Points to a hardware component, likely a hinge or latch.
- 1**: Points to the outer frame or sash profile.
- 2**: Points to the inner frame or sash profile.
- 8**: Points to a seal or gasket.
- G1, G2, G3**: Points to the glazing or glass panes.
- 11**: Points to a specific seal or gasket component.

The diagram is divided into two sections: **INTERIOR** (top) and **EXTERIOR** (bottom). The interior view shows the sash and frame from the inside, while the exterior view shows the frame and sash from the outside. The labels are circled and connected to their respective components by lines.

2 VERTICAL CROSS SECTION
3 Stud Construction

DATE: 3/12/18		PRODUCT: HORIZONTAL SLIDER	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26521.1			
SHEET 3	OF 5	PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS	
NO. 2 1 NO.		DATE 2/16/23 9/30/20	
UPDATE FOR NEW TESTING UPDATE TO 7TH ED. (2020)		LFS LFS	
REVISIONS		BY	


February 16, 2023
Documents Prepared By:
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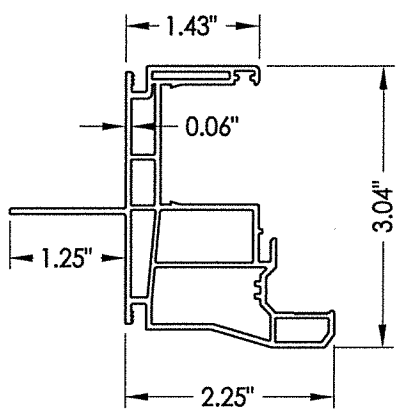

F. SCHMIDT
LICENSE
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PROFESSIONAL ENGINEER

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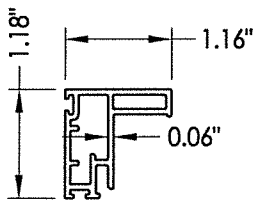
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL SASH STILE/RAIL *	RIGID PVC
4	EXTRUDED VINYL LOCK STILE *	RIGID PVC
5	EXTRUDED VINYL MEETING STILE *	RIGID PVC
7	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
8	WEATHERSTRIP (FIN PILE)	-
9	SCREEN CLIP	RIGID PVC
10	SCREEN	-
11	ROLLER TRACK	RIGID PVC
14	SASH STILE REINFORCEMENT (S-047) (6063-T5)	ALUM
15	MEETING STILE REINFORCEMENT (S-065) (6063-T5)	ALUM
20	CAM LOCK	-

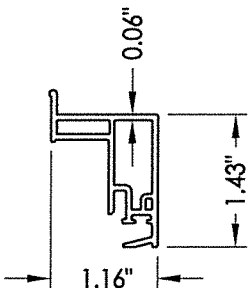
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



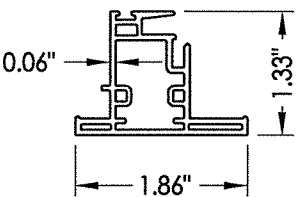
1 FRAME



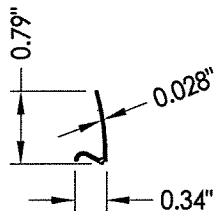
2 SASH STILE/RAIL



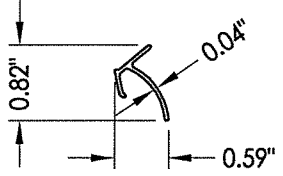
4 LOCK STILE



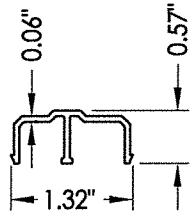
5 MEETING STILE



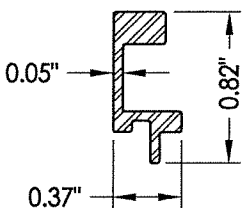
7 GLAZING BEAD



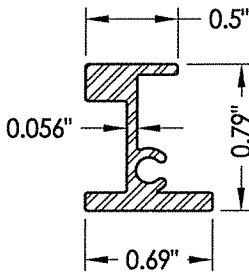
9 SCREEN CLIP



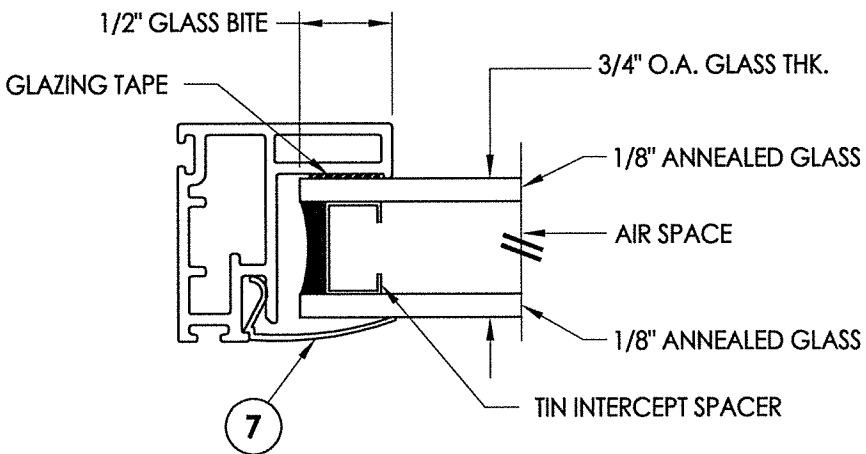
11 ROLLER TRACK



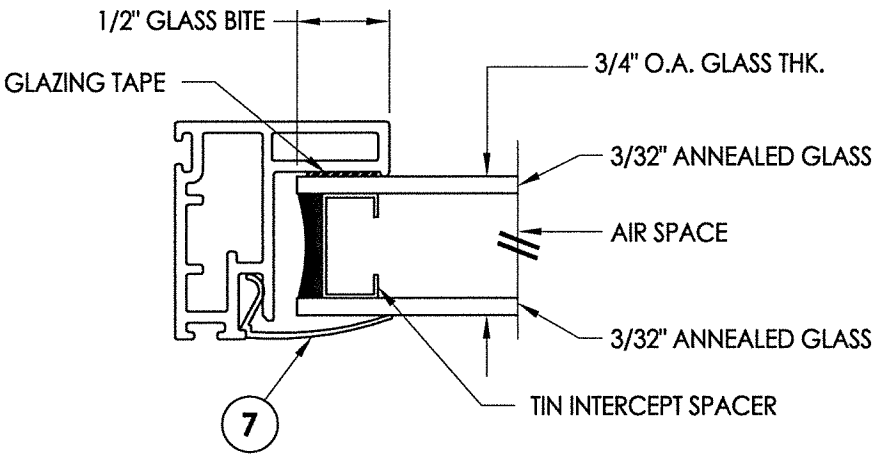
14 SASH STILE REINFORCEMENT



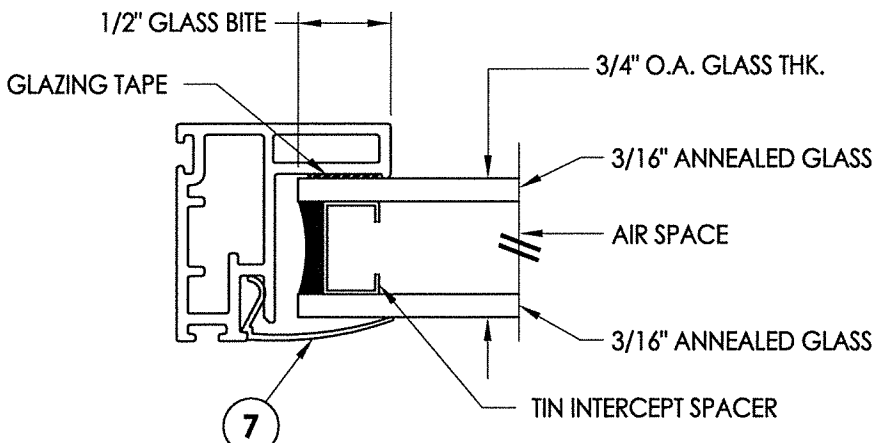
15 MEETING RAIL REINFORCEMENT



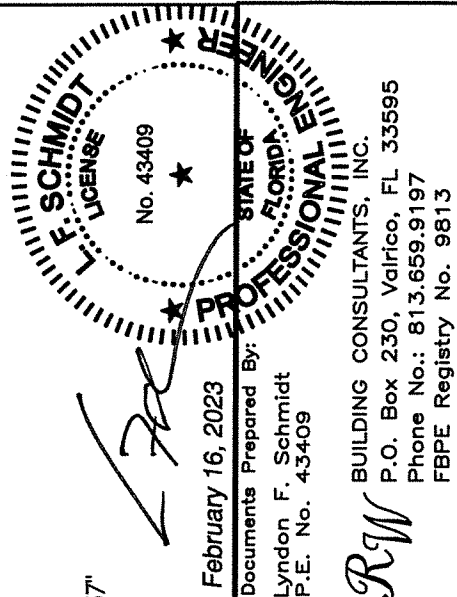
G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL



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PRODUCT:		HORIZONTAL SLIDER	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	

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