

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

TILT LATCH DETAIL

HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

EXTERIOR

4 HORIZONTAL CROSS SECTION
2 Metal Stud Construction

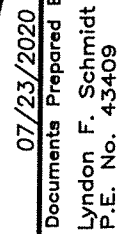
penetrate a min. of 3 threads through at least 2 sheets of metal.

2 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction

1X Buck Masonry Construction

3 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction

2 2X Buck Masonry Construction



DATE: 6/20/19										PRODUCT:			
SCALE: N.T.S.												SINGLE HUNG WINDOW	
DWG. BY: TRJ													
CHK. BY: LFS													
DRAWING NO.:												PART OR ASSEMBLY:	
FL-26906.3												VERTICAL & HORIZONTAL CROSS SECTIONS	
SHEET 2 OF 5													

Technical drawing of a window frame assembly, showing cross-sections and component labels:

- Top Section:**
 - Labels: 2X BUCK **F**, 1X BUCK **H**, STEEL STUD **K**, ABOVE MTG. RAIL (TYP.)
 - Dimensions: 6" (TYP.) (width), 6" (TYP.) (height), 3" (TYP.) (height)
 - Labels: SASH (pointing to the right side of the frame)
- Bottom Section:**
 - Labels: 2X BUCK **G**, 1X BUCK **D**, STEEL STUD **K**, BELOW MTG. RAIL (TYP.)
 - Dimensions: 6" (TYP.) (height)
 - Labels: SASH (pointing to the right side of the frame)
- Left Section:**
 - Labels: FRAME (pointing to the left side of the frame), SUBSTRATE (pointing to the wall structure)

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Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in inches. The overall width is 3.87". The overall height is 2.15". The base width is 3.19". The thickness of the main body is 0.06". The thickness of the central rectangular section is 0.04".

Technical drawing of a mechanical part with dimensions: 1.03 inch, 0.06 inch, 1.44 inch, 0.81 inch, and 1.57 inch.

A cross-sectional diagram of a channel. The total width is 1.59". The total height is 0.06". The depth of the channel is 0.43". The width of the channel opening is 0.77".

Technical drawing of a mechanical part with dimensions: 1.81", 0.81", 0.06", 1.44", and 0.2".

Technical drawing of a mechanical part with dimensions: 1.57", 1.94", 1.31", 0.06", and 1.92".

A cross-sectional diagram of a channel. The total width is 1.59". The total height is 0.06". The depth of the channel is 0.43". The width of the channel opening is 0.77".

Technical drawing of a mechanical part with dimensions: 1.81", 0.81", 0.06", 1.44", and 0.2".

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Documents Prepared By:
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SINGLE HUNG WINDOW

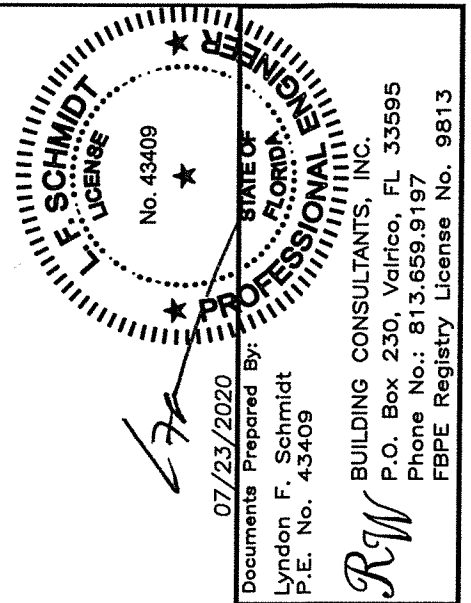
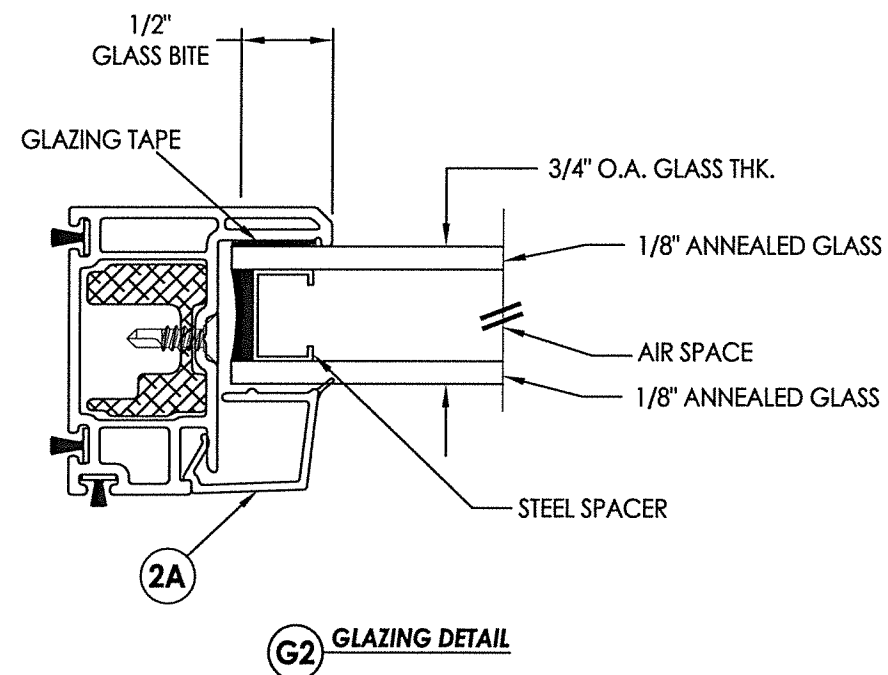
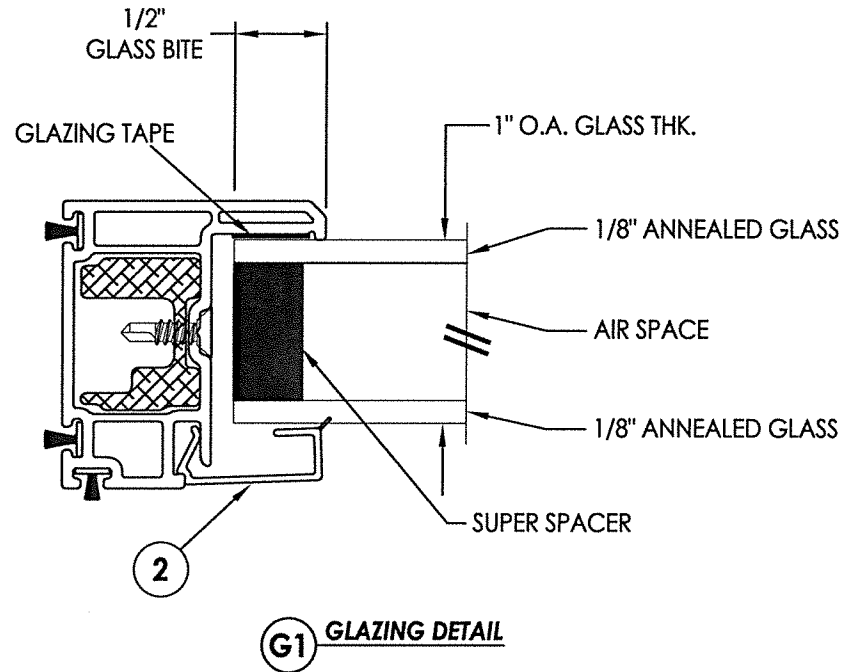
PART OR ASSEMBLY:

NO.		DATE		REVISIONS	
2	07/23/20	UPDATE TO 7th ED (2020)	FBC	DAC	
1	10/10/19	ADD SIZES FOR NEW TESTING		LFS	
				BY	

SHEET 4 OF 5

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	#10 X 2-1/4" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	#8 X 1-5/8" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-1/8" MIN. EMBEDMENT)	STEEL
H	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	FRAME (1833)*	RIGID PVC
2	GLAZING BEAD (836B)*	RIGID PVC
2A	GLAZING BEAD (1866A)*	RIGID PVC
3	HEAD ADAPTER (1863)*	RIGID PVC
4	SILL (1832)*	RIGID PVC
5	STILE (1808)*	RIGID PVC
6	MEETING RAIL (1837)*	RIGID PVC
7	LOCK RAIL (1806)*	RIGID PVC
8	BOTTOM RAIL (1805)*	RIGID PVC
9	MEETING RAIL REINFORCEMENT	6063 - T5 ALUM
10	LOCK RAIL REINFORCEMENT	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
13	#6 X 1" PFH	STEEL
18	STILE/BOTTOM RAIL REINFORCEMENT	6063 - T5 ALUM
20	WEATHERSTRIP	FOAM
24	BULB GASKET	FOAM
25	TILT LATCH	PVC
26	#8 X 7/8" PFH SMS	STEEL

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

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