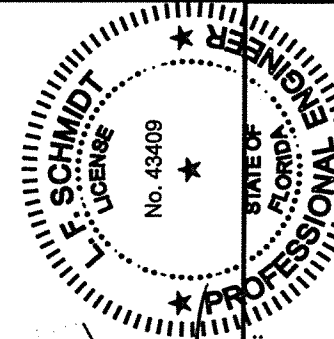
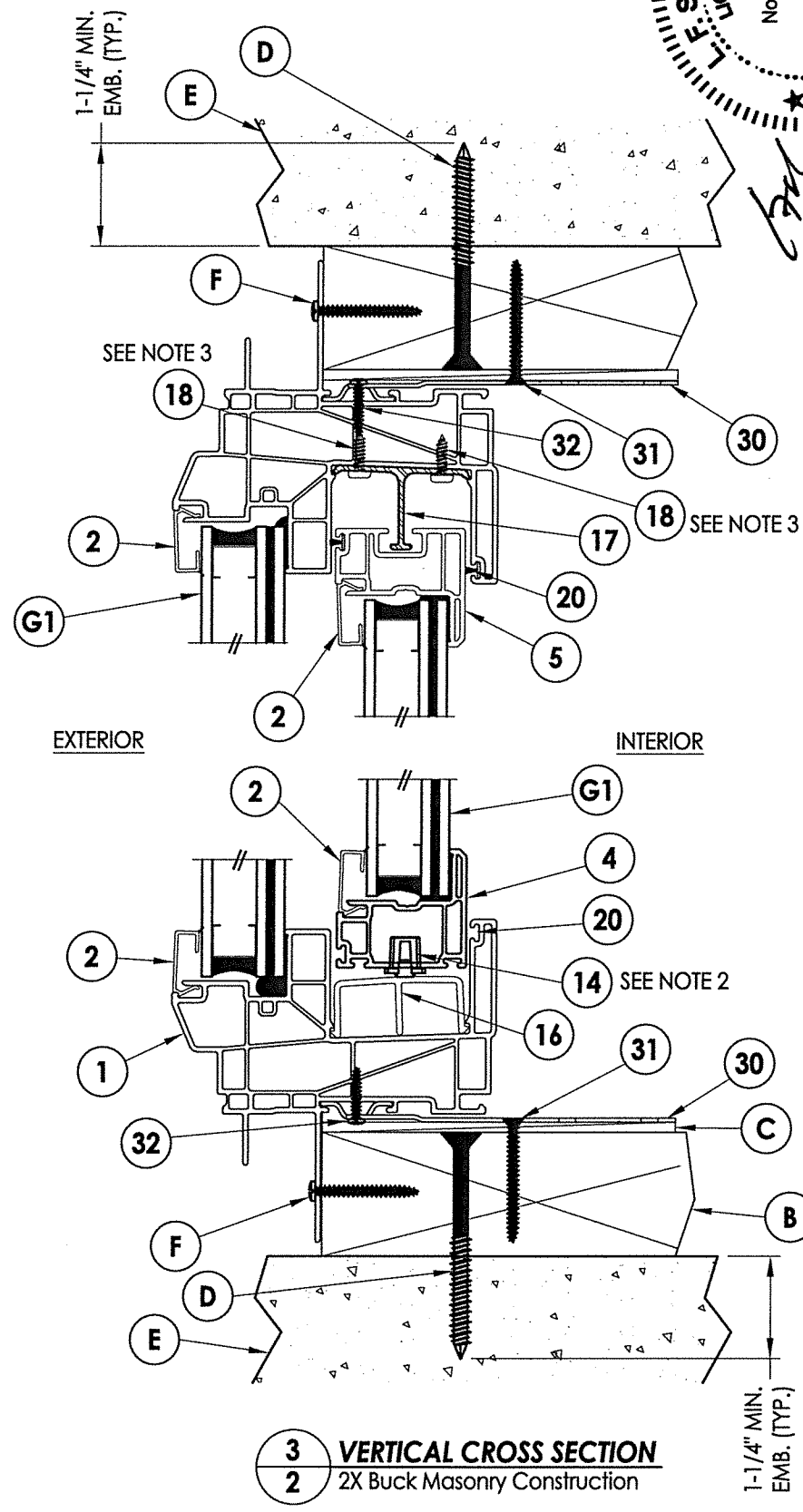
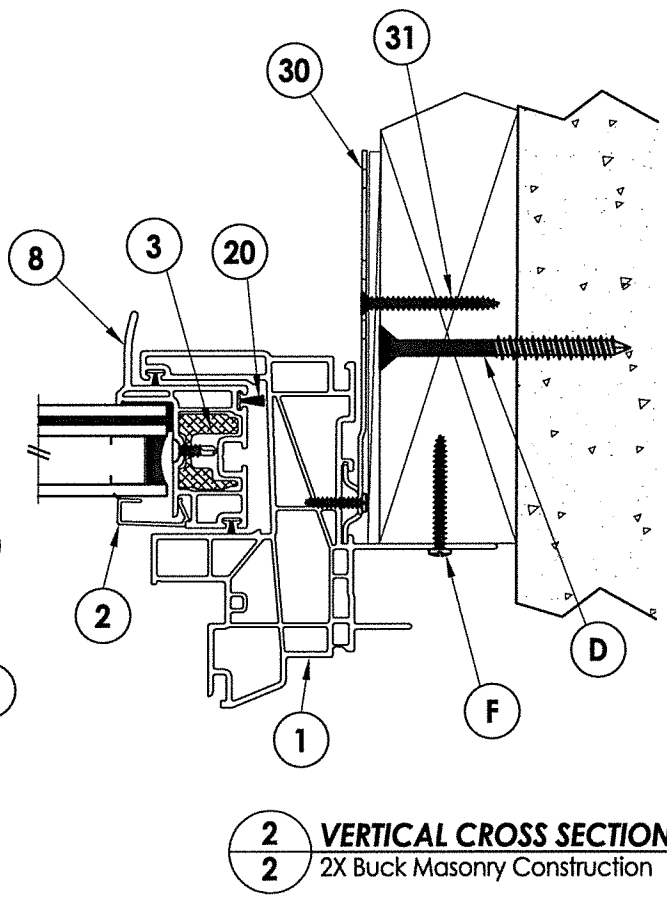
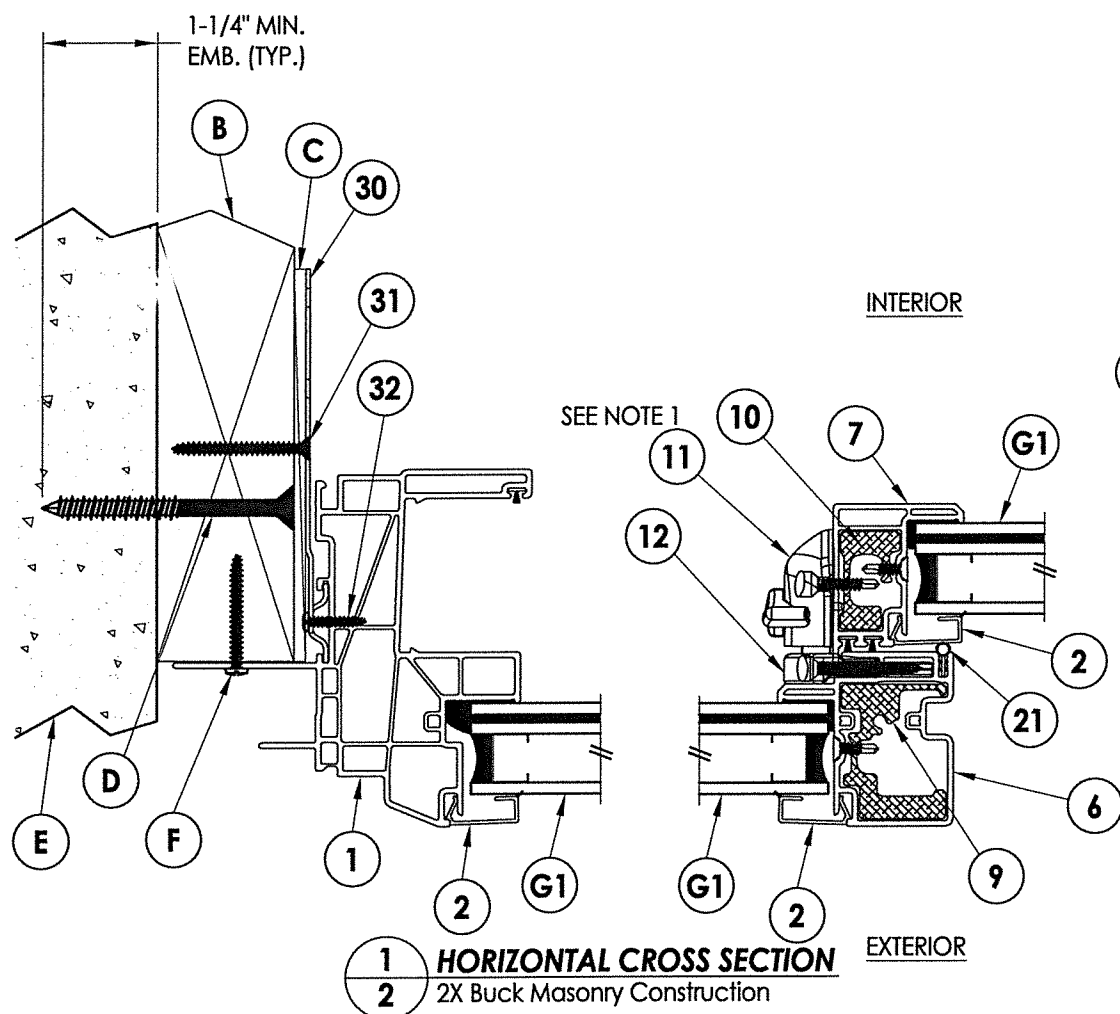


1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.



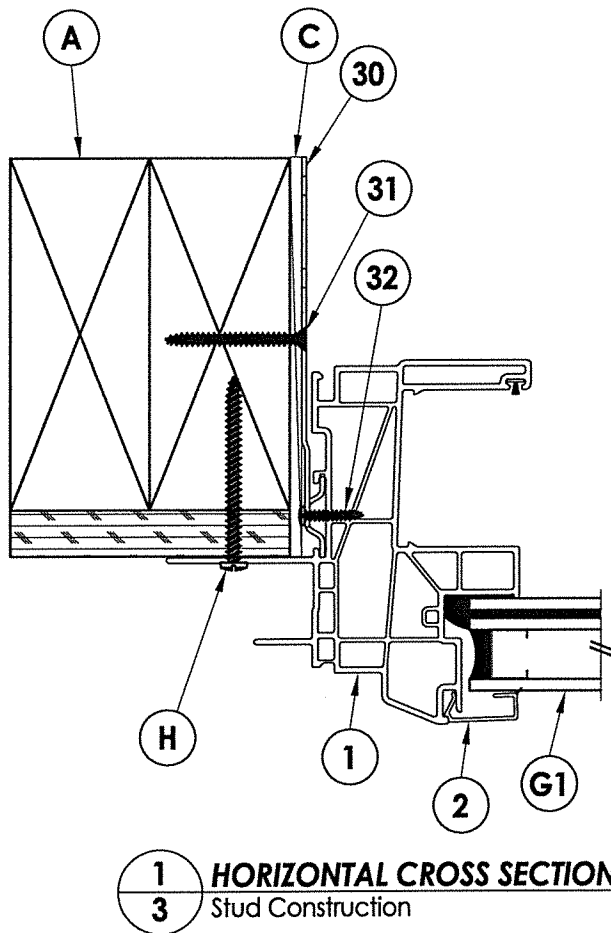
July 28, 2020

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 Registry License No. 9813

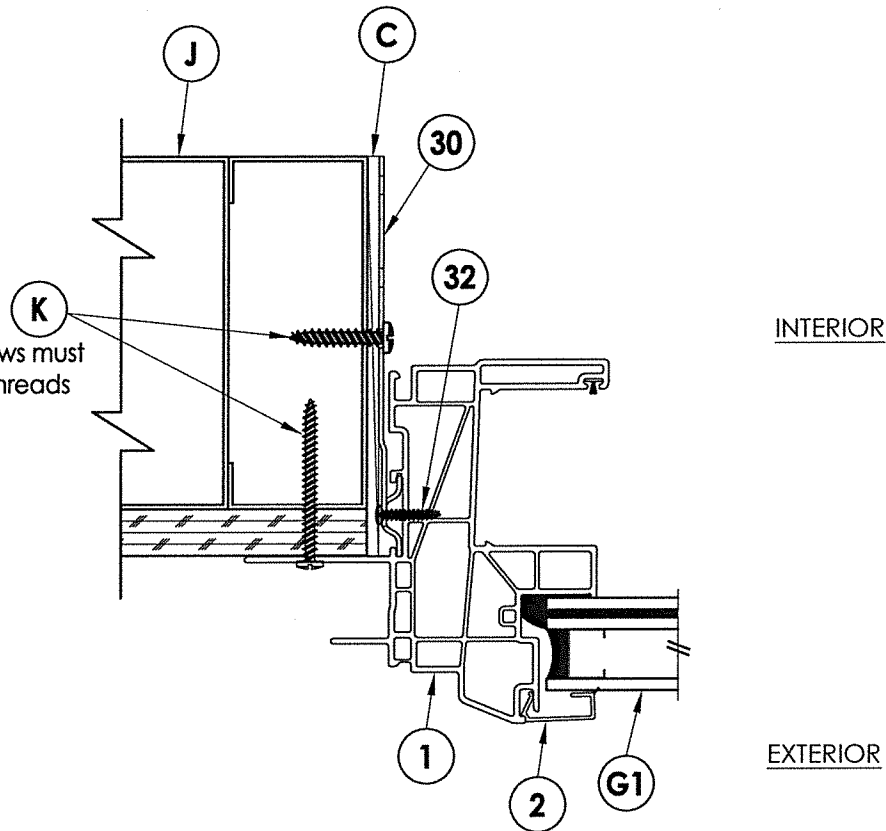
[illegible]

R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.1-2.dwg, 3.3



1
3 **HORIZONTAL CROSS SECTION**
Stud Construction

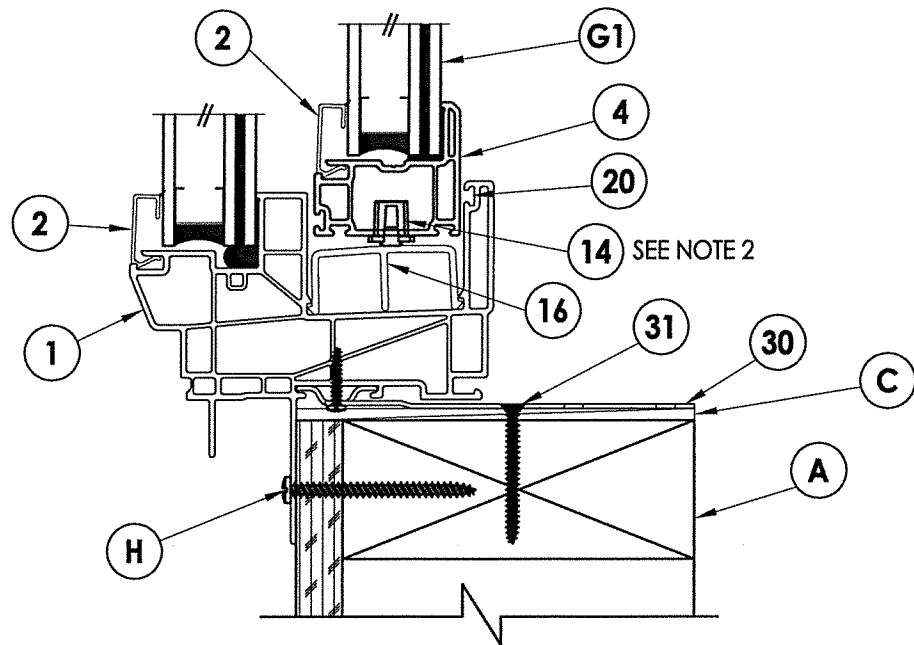
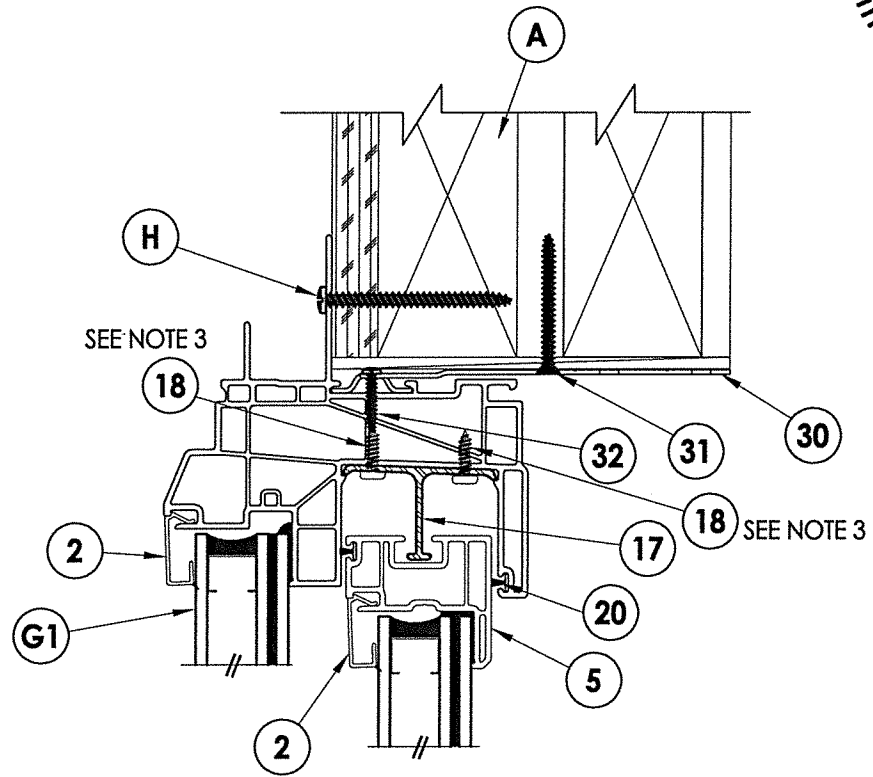
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



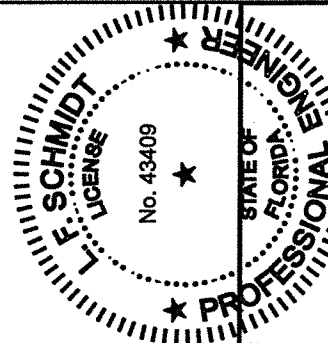
2
3 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud Framing Option

INTERIOR

EXTERIOR



3
3 **VERTICAL CROSS SECTION**
Stud Construction



July 28, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

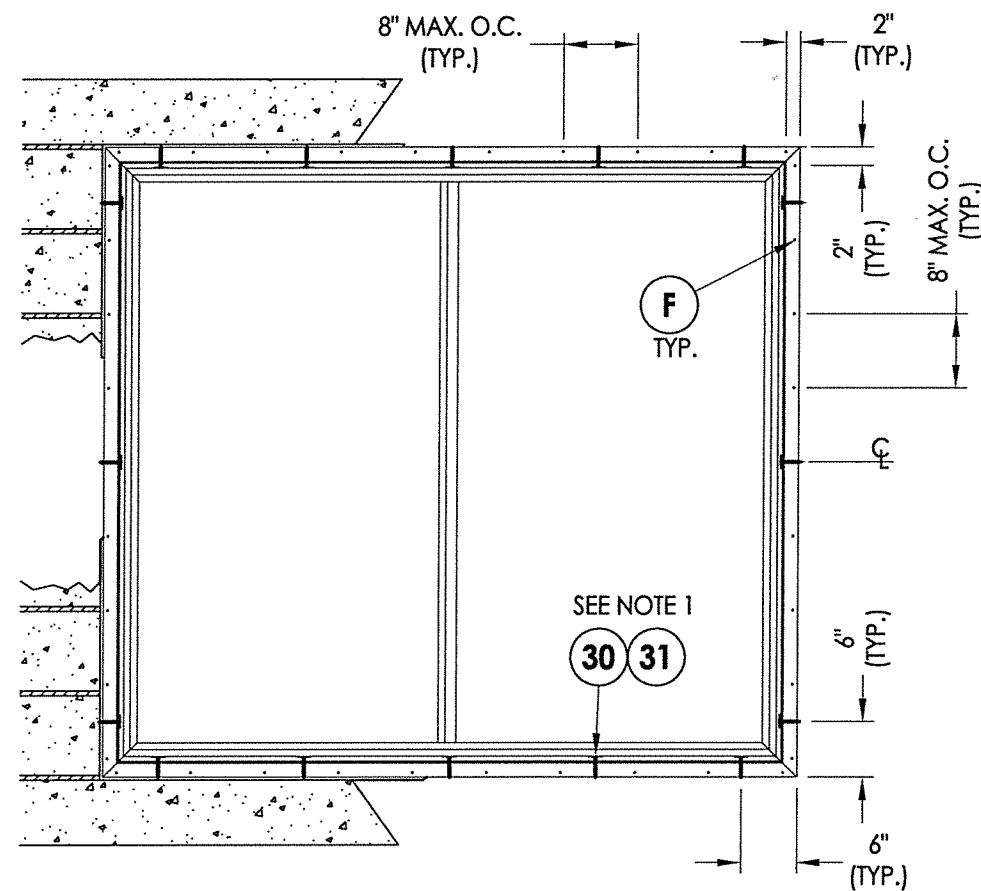
PRODUCT:		PART OR ASSEMBLY:	
SUNRISE WINDOWS		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	10/10/19	REVISE GLAZING DETAIL	LFS
1	5/16/19	REVISE PRODUCT NAME	LFS
1			
DATE: 4/18/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26909.1			
SHEET 3 OF 6			

2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD

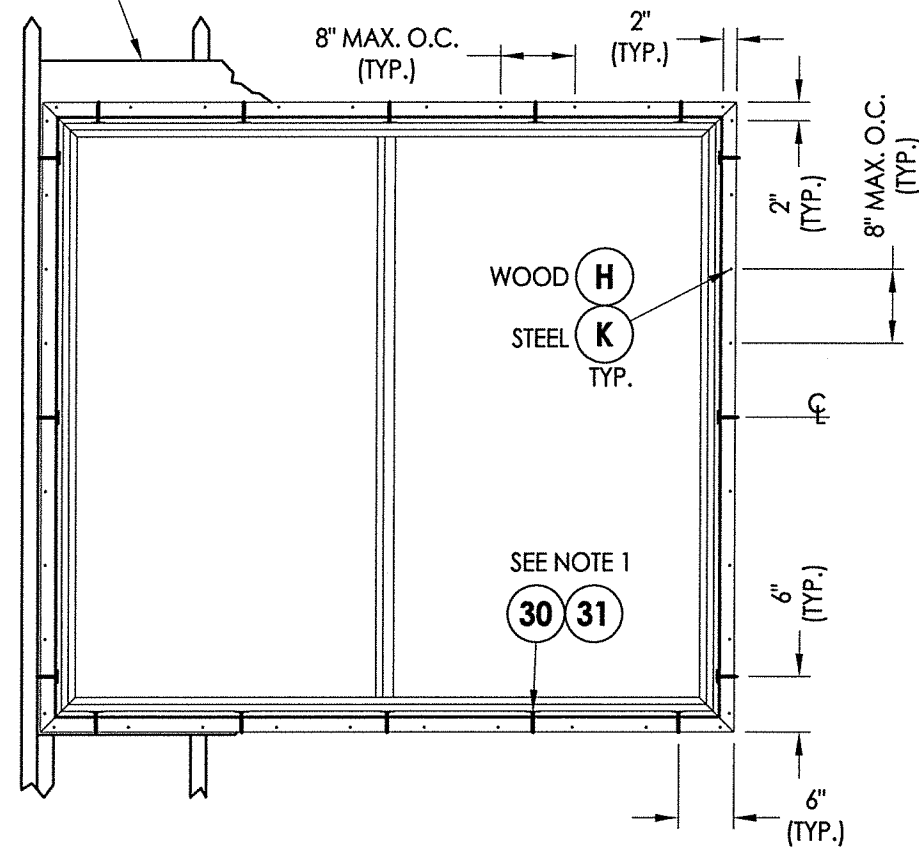
1. INSTALLATION TIE STRAPS REQUIRED AS FOLLOWS (IN ADDITION TO NAIL FIN ANCHORS):
JAMBS: 6" FROM EACH CORNER & AT CENTERLINE (3 TOTAL).
HEAD & SILL: 6" FROM EACH CORNER & 3 MORE EQUALLY SPACED (5 TOTAL).

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 ULTRA CON®	1/4"	1-1/4"	1"	4"

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



2X Buck Masonry
Construction



Stud Construction

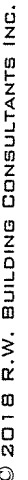


Figure 1 is a schematic diagram of the test specimen. It shows a cross-section of a specimen with a total width of 1.67 inches and a height of 0.7 inches. A central vertical line indicates a thickness of 0.072 inches.

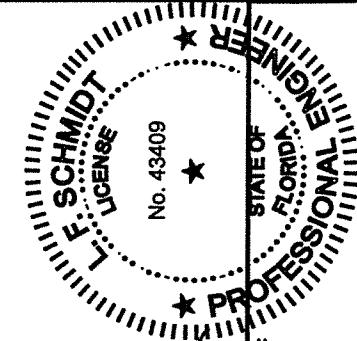
Technical drawing of a mechanical part, likely a cross-section of a bracket or support. The drawing shows a central rectangular body with a width of 1.31 inches and a height of 1.00 inch. A horizontal flange extends from the top, with a total width of 1.94 inches. A vertical flange extends from the right side. A small rectangular feature is located on the left side of the central body, with a width of 0.06 inches. The drawing includes dimension lines and arrows indicating the measurements.

Technical drawing of a mechanical part, likely a bracket or support. The drawing shows the part from a side view. Key dimensions are indicated:

- Overall width: 1.44"
- Overall height: 1.03"
- Thickness of the main body: 0.06"
- Width of the base: 0.81"
- Width of the base (from a different view): 1.57"

A cross-sectional diagram of a cantilever beam. The beam has a rectangular cross-section with a width of 1.66 inches, a thickness of 0.06 inches, and a height of 1.02 inches. The beam is shown in a perspective view, with the top surface and the side of the vertical section visible. The dimensions are indicated with arrows and labels: 1.66" for the width, 0.06" for the thickness, and 1.02" for the height.

17 ANTI-LIFT



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RA BUILDING CONSULTANTS, INC.

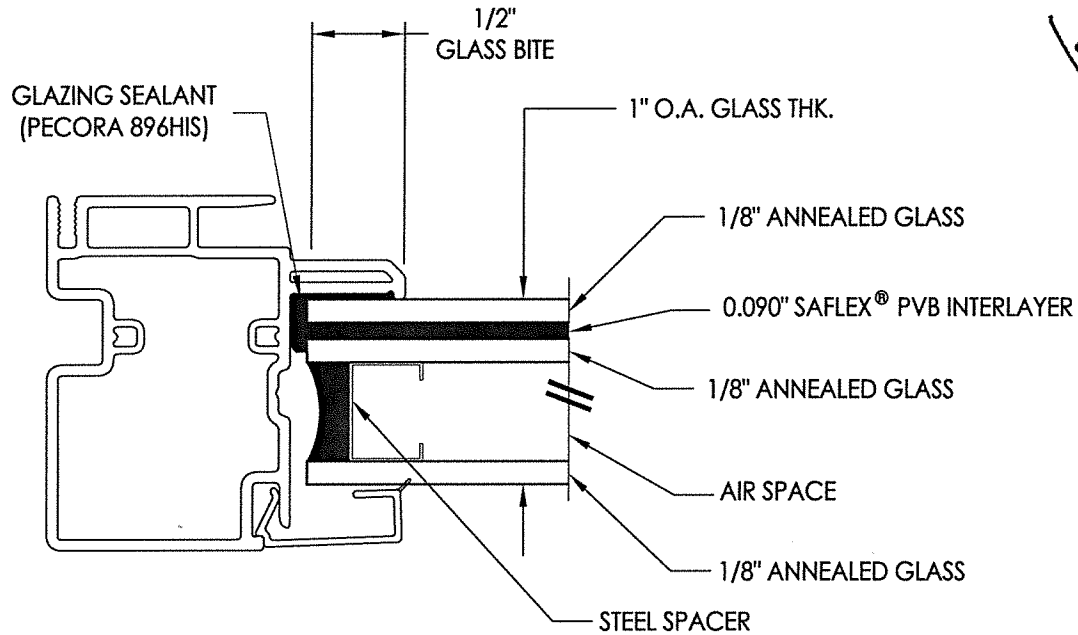
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

[illegible]

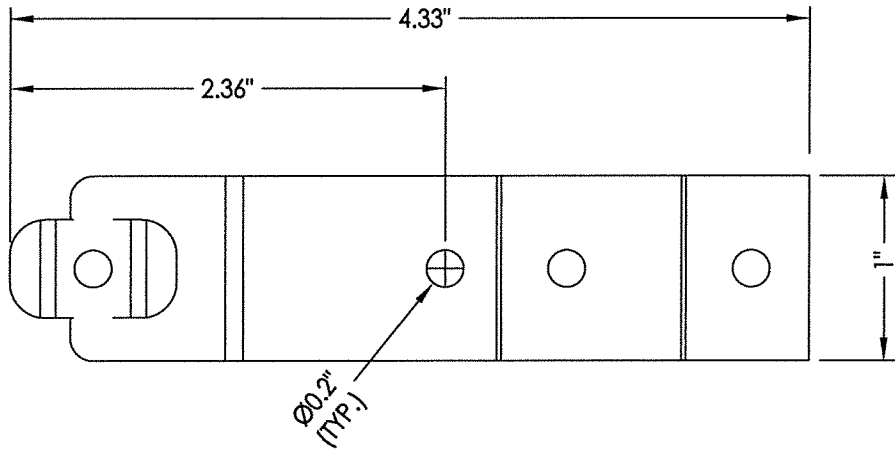
R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.1-2.dwg, 6.3

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD (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 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 1-1/4" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
H	#8 X 1-3/4" PPH SMS (1-3/16" MIN. EMBEDMENT)	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 (1854)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (836B)*	RIGID PVC
3	HANDLE STILE REINFORCEMENT	6063 - T5 ALUM
4	BOTTOM RAIL (1808)*	RIGID PVC
5	TOP RAIL (1879)*	RIGID PVC
6	MEETING STILE (1837)*	RIGID PVC
7	LOCK STILE (1806)*	RIGID PVC
8	HANDLE STILE (1805)*	RIGID PVC
9	MEETING STILE REINFORCEMENT	6063 - T5 ALUM
10	LOCK STILE REINFORCEMENT	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
14	ROLLER (VISION #1147)	-
16	ROLLER TRACK	6063 - T5 ALUM
17	ANTI-LIFT ALUMINUM	6063 - T5 ALUM
18	#6 X 1/2" PPH SMS	STEEL
19	FLORIDA FLANGE (1859)*	RIGID PVC
20	WEATHERSTRIP (.187" X .290")	-
21	INTERLOCK SEAL	-
30	INSTALLATION TIE STRAP	STEEL
31	#6 X 1-1/4" PFH WOOD SCREW (1-3/16" MIN. EMBEDMENT)	STEEL
32	#8 X 1" PPH SMS	STEEL

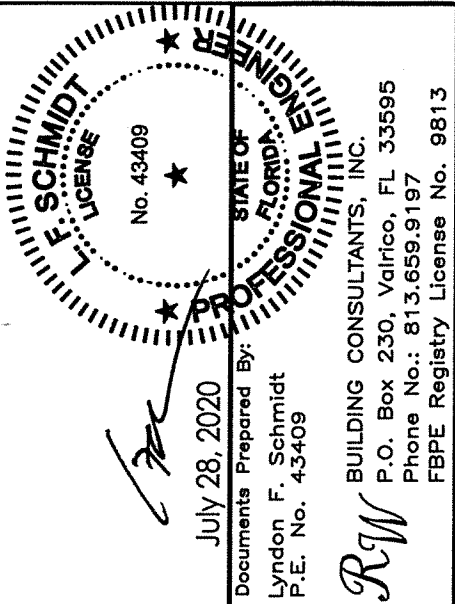
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



30 INSTALLATION TIE STRAP
18 GA. STEEL (0.048")



July 28, 2020

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 Registry License No. 9813

PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		BILL OF MATERIALS, COMPONENTS AND GLAZING DETAILS	
NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	10/10/19	REVISE GLAZING DETAIL	LFS
1	5/16/19	REVISE PRODUCT NAME	LFS
NO.	DATE	REVISIONS	BY
DATE: 4/18/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26909.1			
SHEET 6 OF 6			