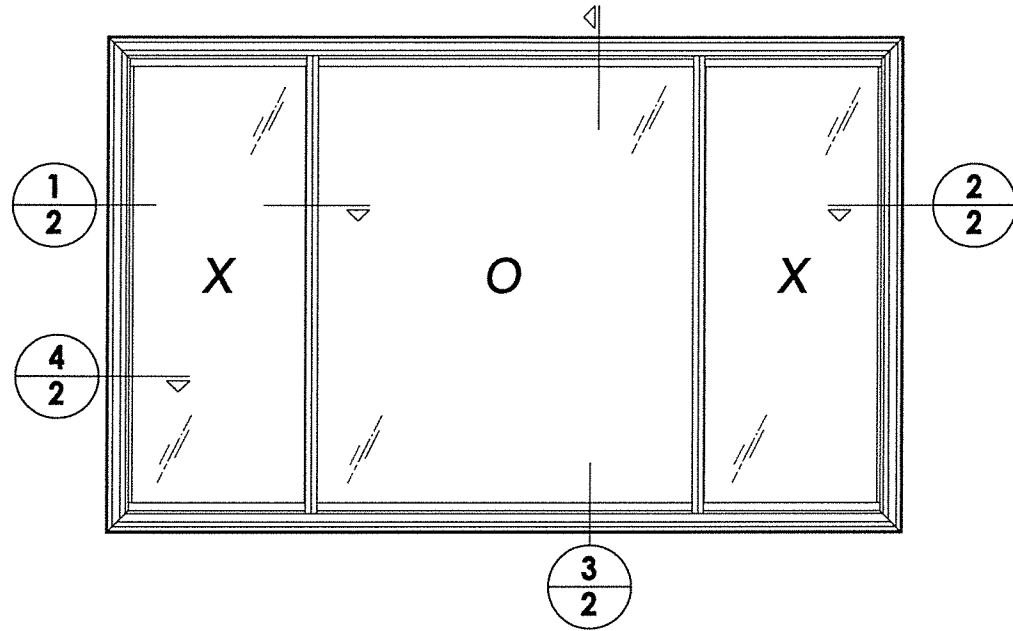
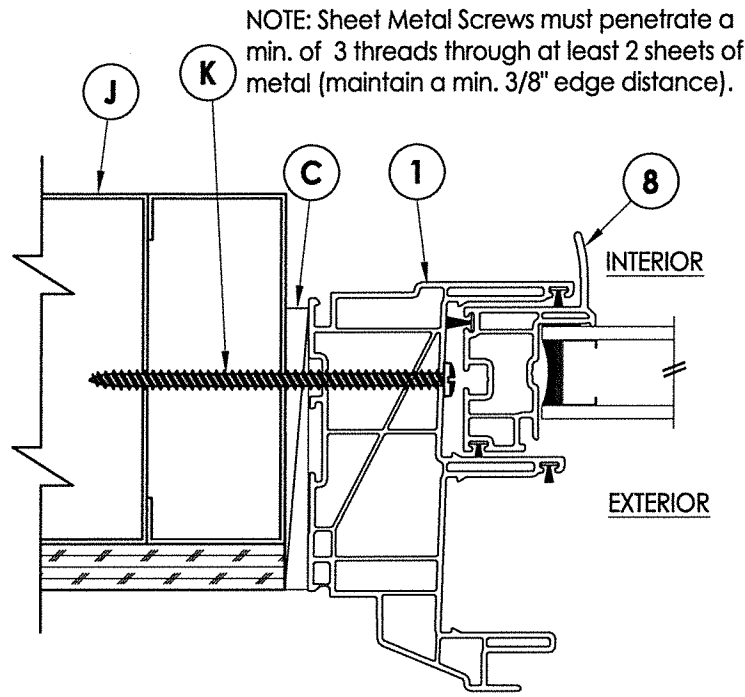




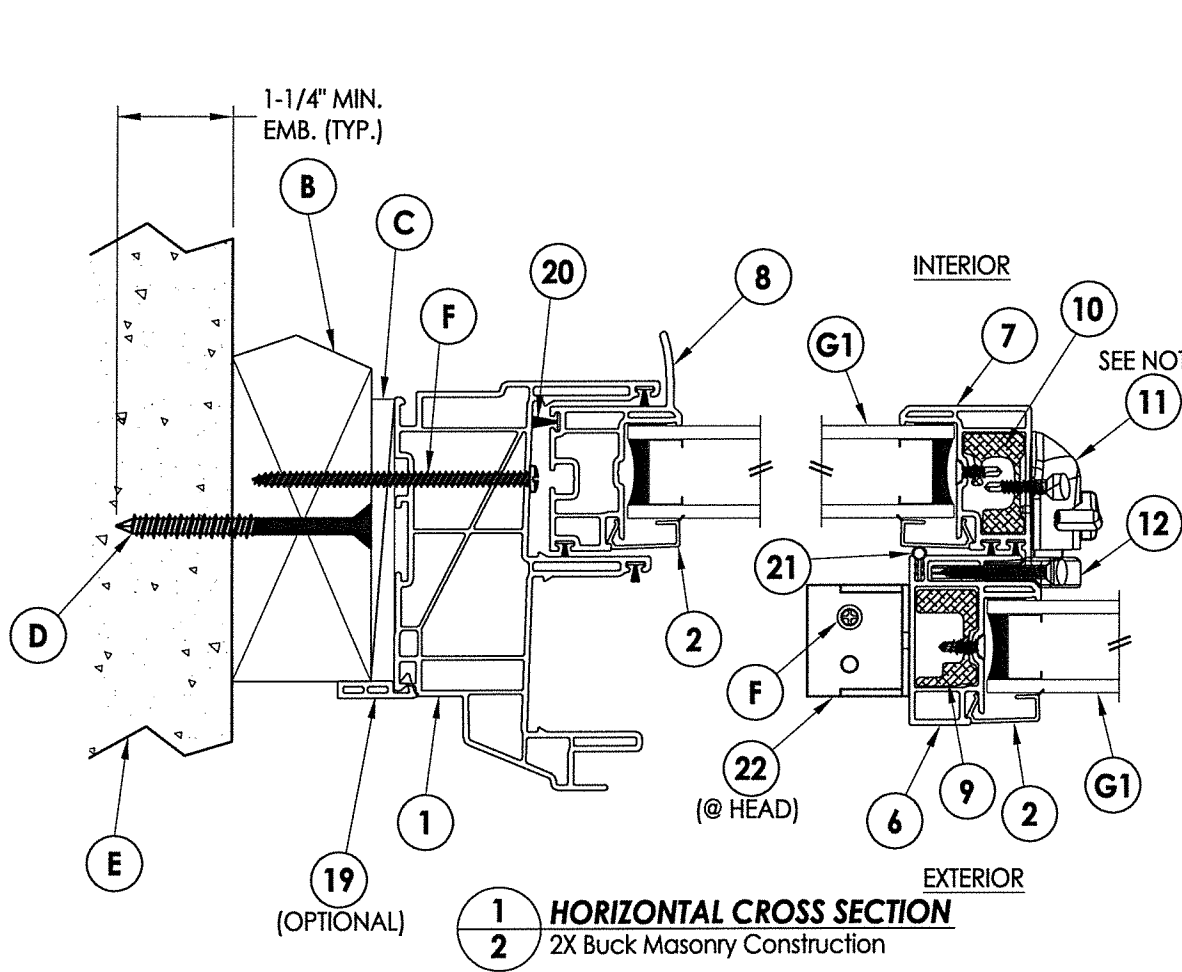
R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.10.dwg, 2.2



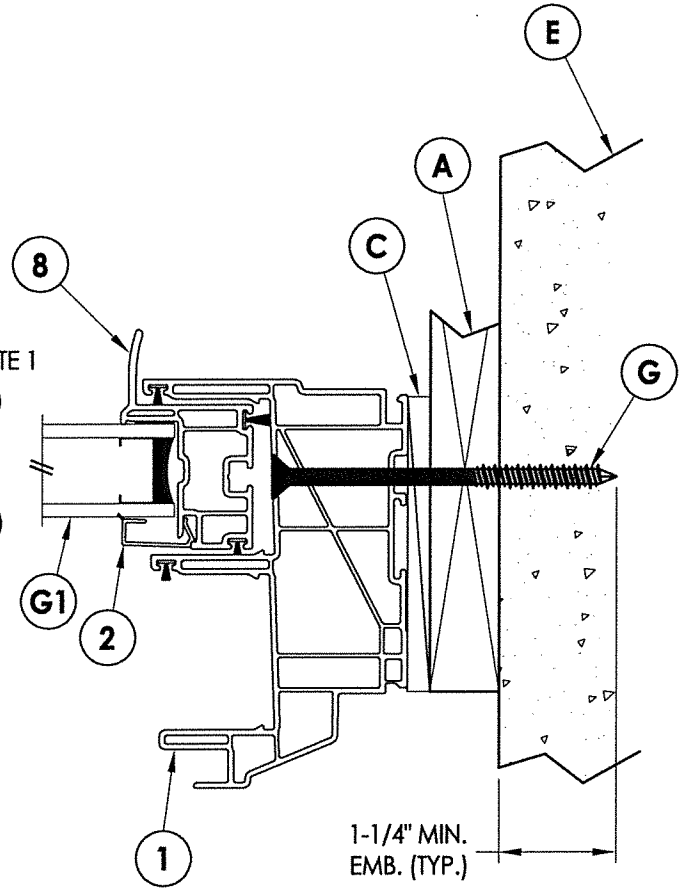
NOTE:
1. Lock and keeper located 7" from each end of lock/meeting stile.



4/2 HORIZONTAL CROSS SECTION
Metal Stud Construction

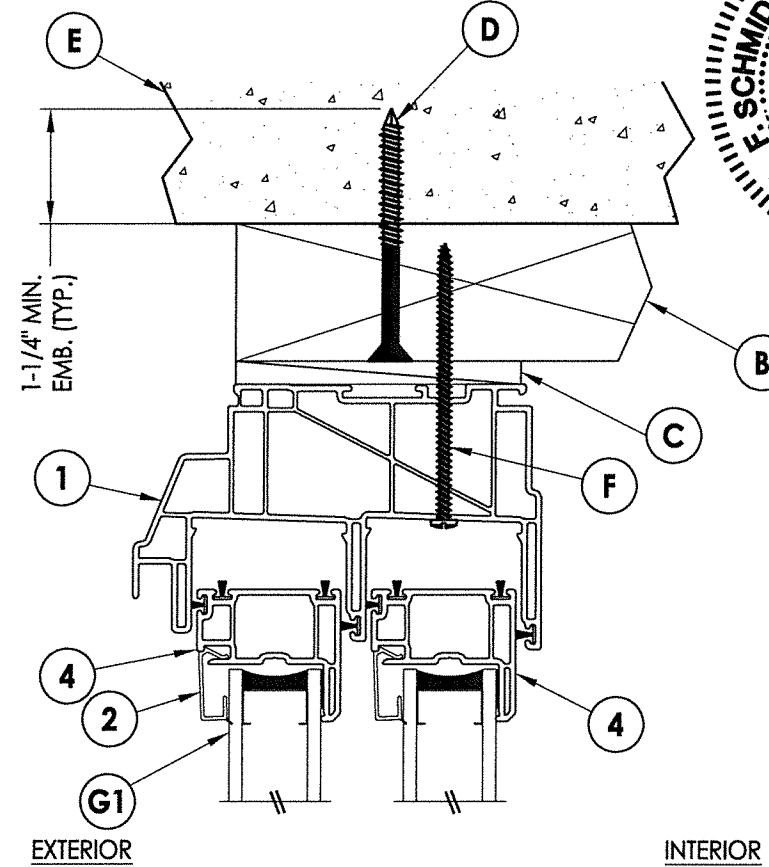


1/2 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

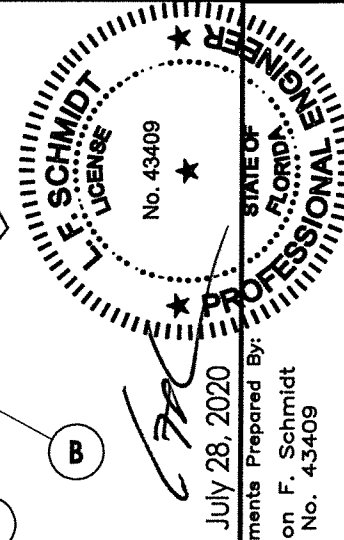


2/2 HORIZONTAL CROSS SECTION
1X Buck Masonry Construction

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal (maintain a min. 3/8" edge distance).



3/2 VERTICAL CROSS SECTION
2X Buck Masonry Construction

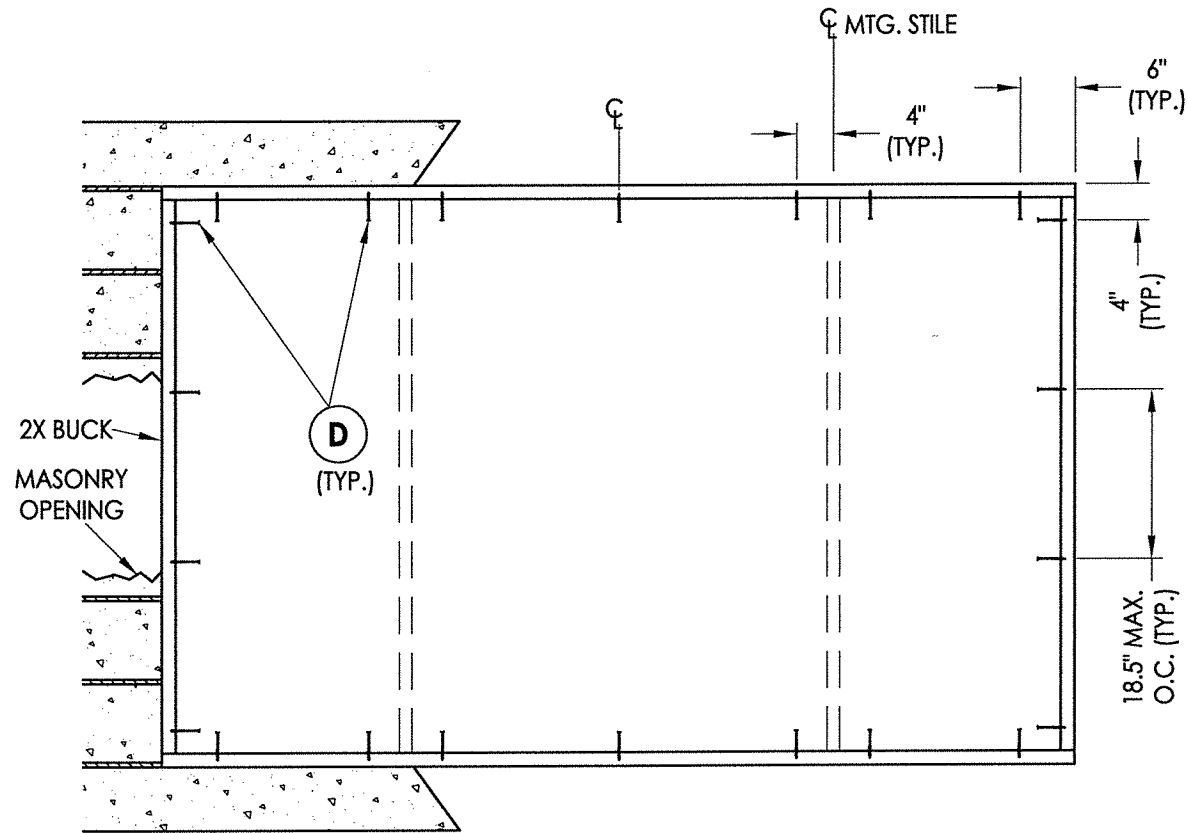


July 28, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

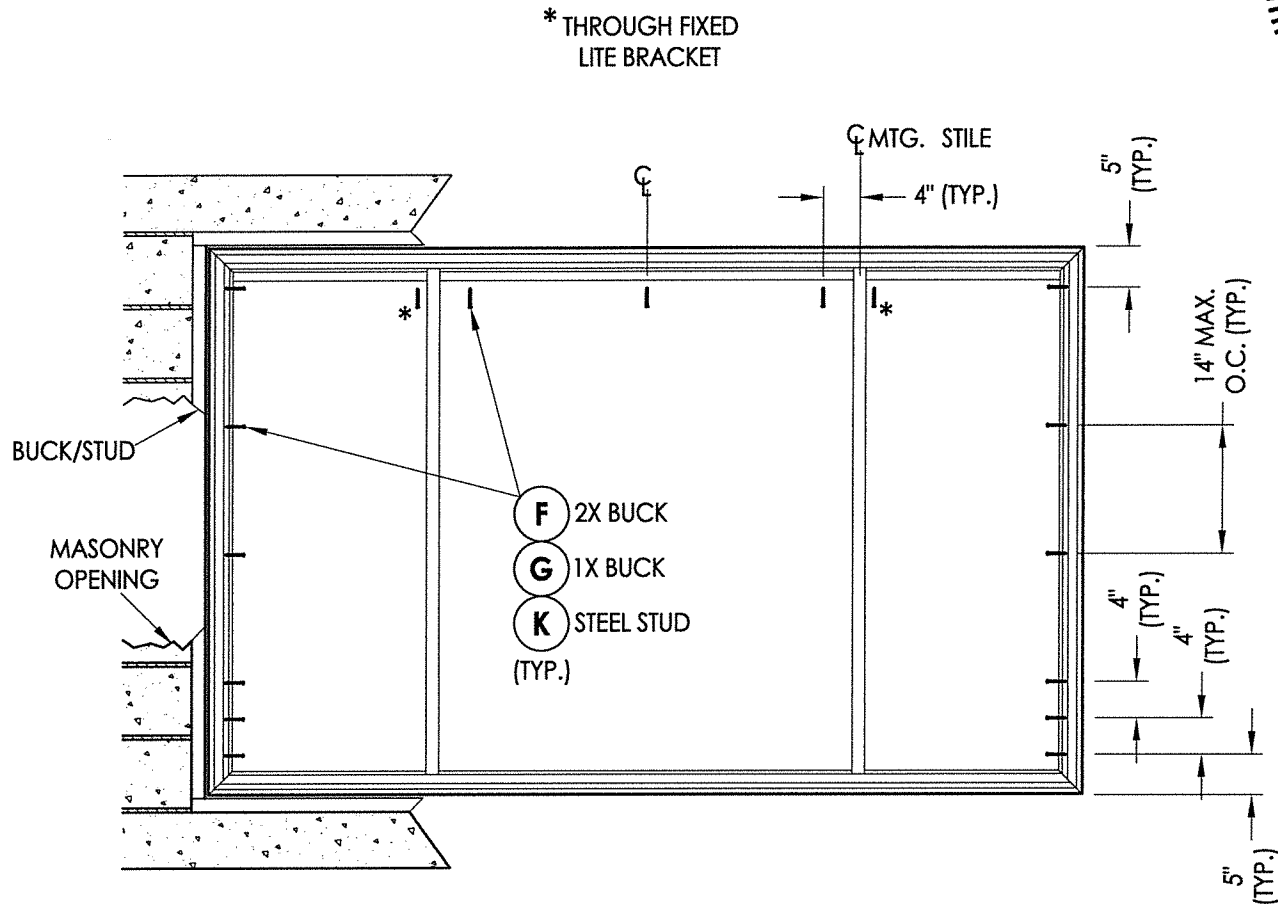
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: <u>SUNRISE WINDOWS</u>		PART OR ASSEMBLY: <u>VERTICAL & HORIZONTAL CROSS SECTIONS</u>	

R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.10.dwg, 3.2



2X BUCK ANCHORING



FRAME ANCHORING

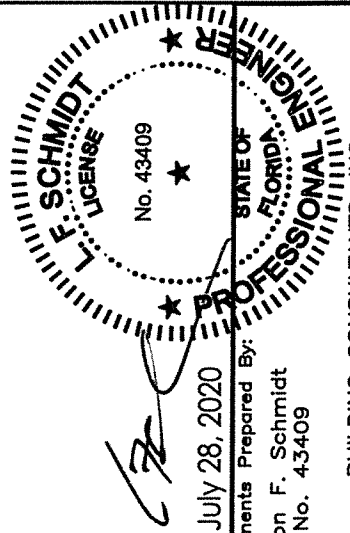
CONCRETE ANCHOR NOTES:

- 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.



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:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 12/2/19

SCALE: N.T.S.

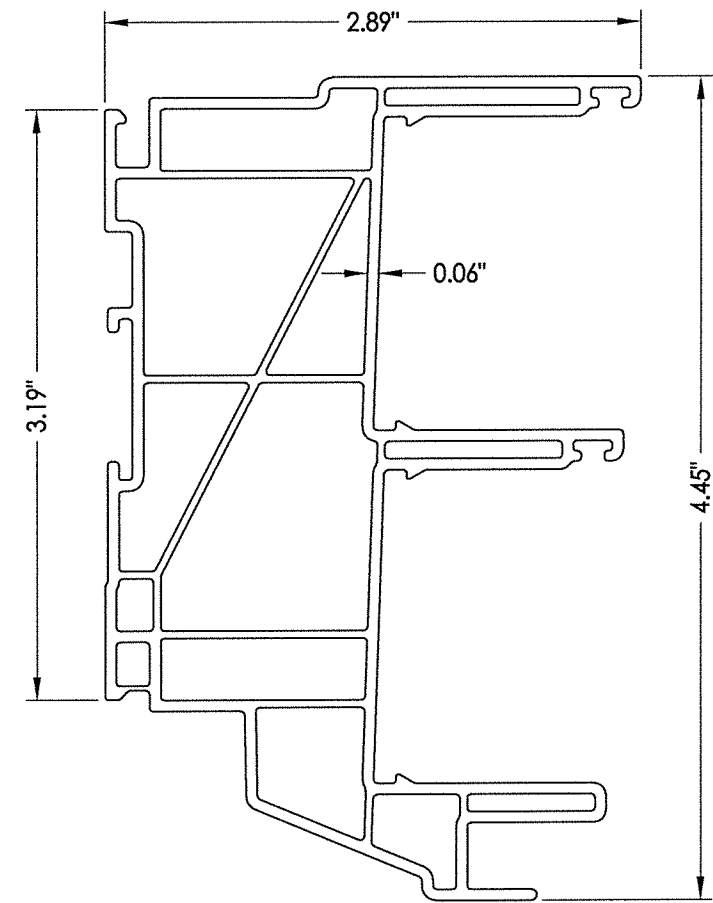
DWG. BY: TRJ

CHK. BY: LFS

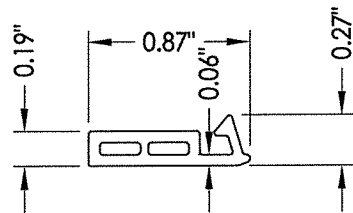
DRAWING NO.:

FL-26909.10

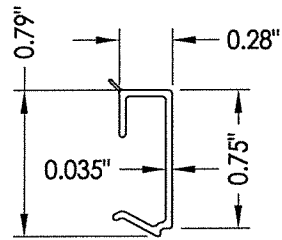
SHEET 3 OF 5



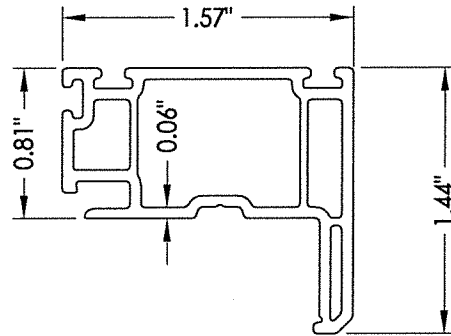
1 FRAME



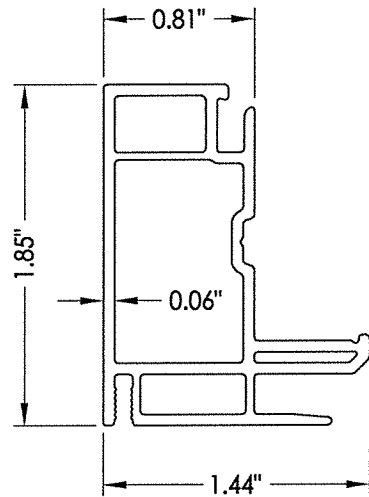
19 FLORIDA FLANGE
(Optional)



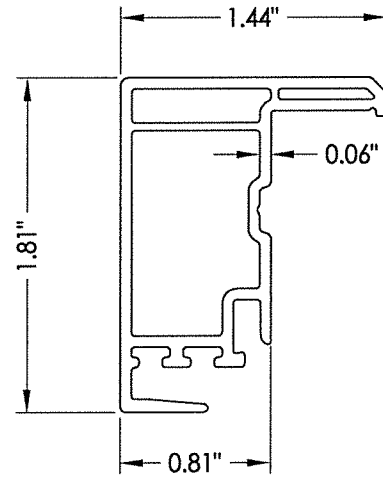
2 GLAZING BEAD



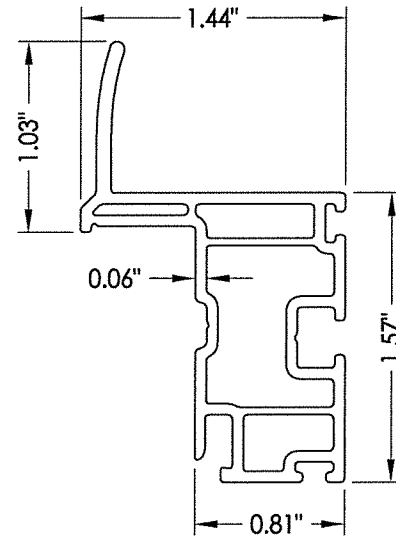
4 TOP & BOTTOM RAIL



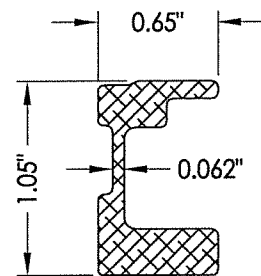
6 MEETING STILE



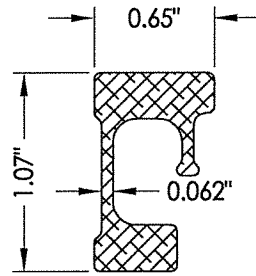
7 LOCK STILE



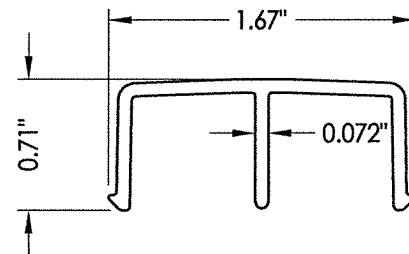
8 HANDLE STILE



9 MEETING STILE REINFORCEMENT



10 LOCK STILE REINFORCEMENT



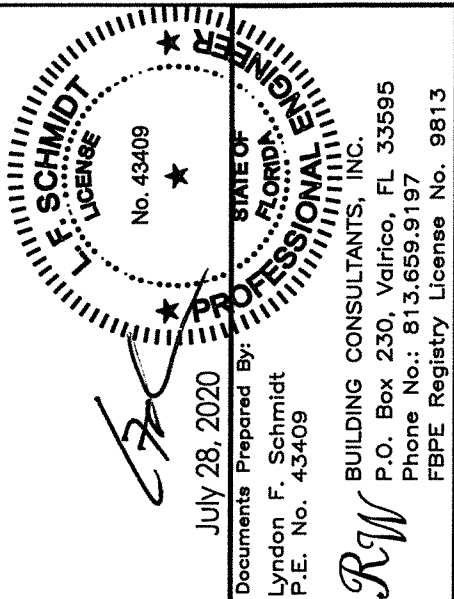
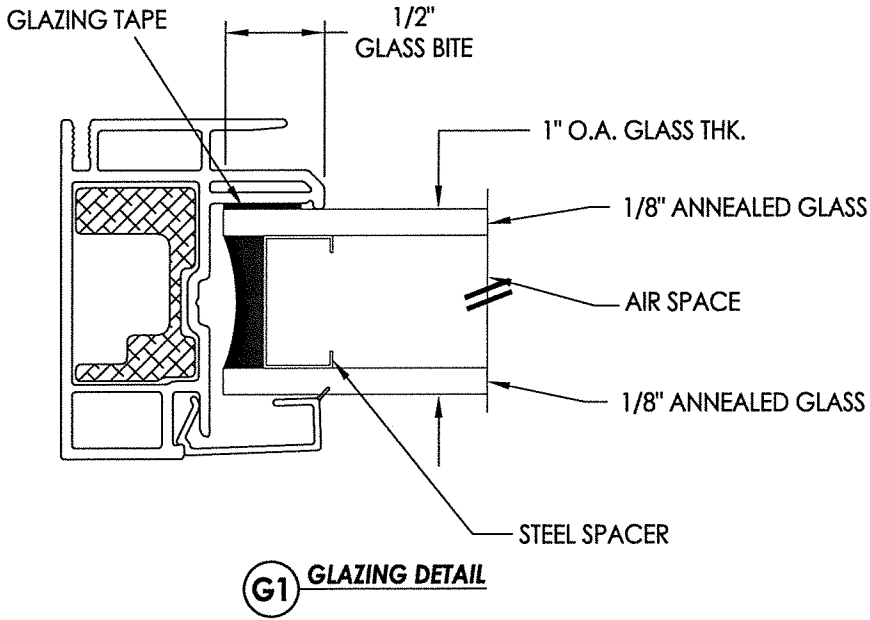
16 ROLLER TRACK

Professional Engineer
F. SCHMIDT
License No. 43409
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:		COMPONENTS	
DATE:	12/2/19	NO.	1
SCALE:	N.T.S.	DATE	7/27/20
DWG. BY:	TRJ	UPDATE TO	7TH ED (2020)
CHK. BY:	LFS	FBC	LFS
DRAWING NO.:	FL-26909.10	BY	
SHEET	4	REVISIONS	
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	#8 X 3" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" 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 (1804)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (836B)*	RIGID PVC
4	EXTRUDED VINYL TOP & BOTTOM RAIL (1808)*	RIGID PVC
6	EXTRUDED VINYL MEETING STILE (1827)*	RIGID PVC
7	EXTRUDED VINYL LOCK STILE (1806)*	RIGID PVC
8	EXTRUDED VINYL HANDLE STILE (1805)*	RIGID PVC
9	MEETING STILE REINFORCEMENT (16581)	6063 - T5 ALUM
10	LOCK STILE REINFORCEMENT (16582)	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
14	ROLLER (VISION #1147)	-
16	ROLLER TRACK (1858)	6063 - T5 ALUM
19	FLORIDA FLANGE (1859)*	RIGID PVC
20	WEATHERSTRIP	-
21	INTERLOCK SEAL	-
22	FIXED LITE ANCHOR	PA6 NYLON

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



DATE: 12/2/19		PRODUCT: SUNRISE WINDOWS	
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.10			
SHEET 5 OF 5		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	