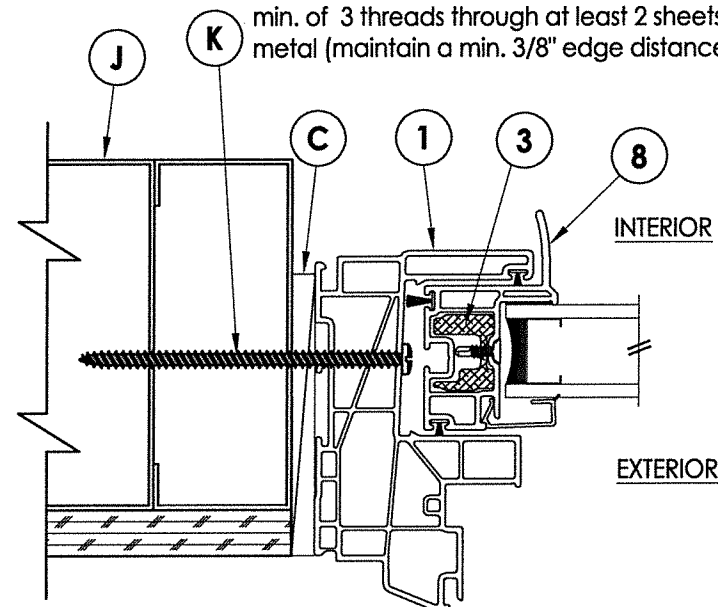
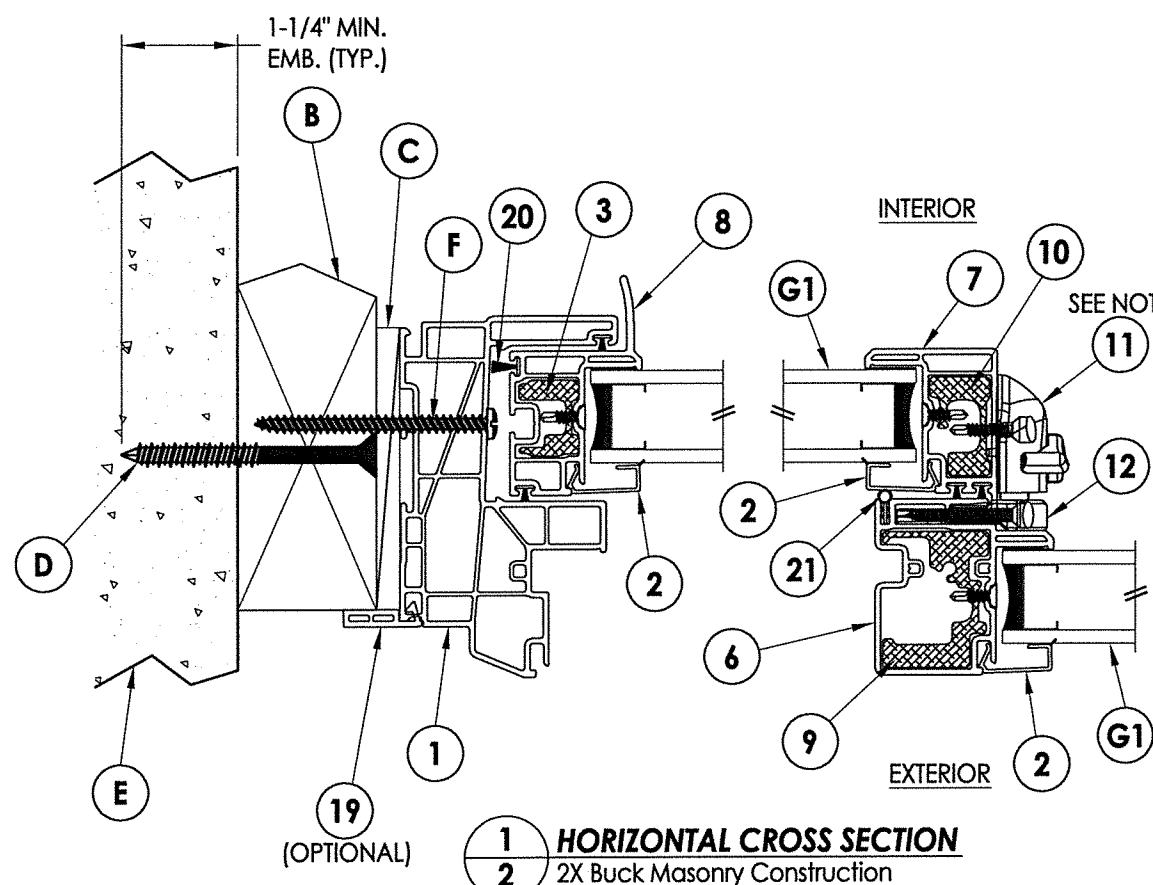




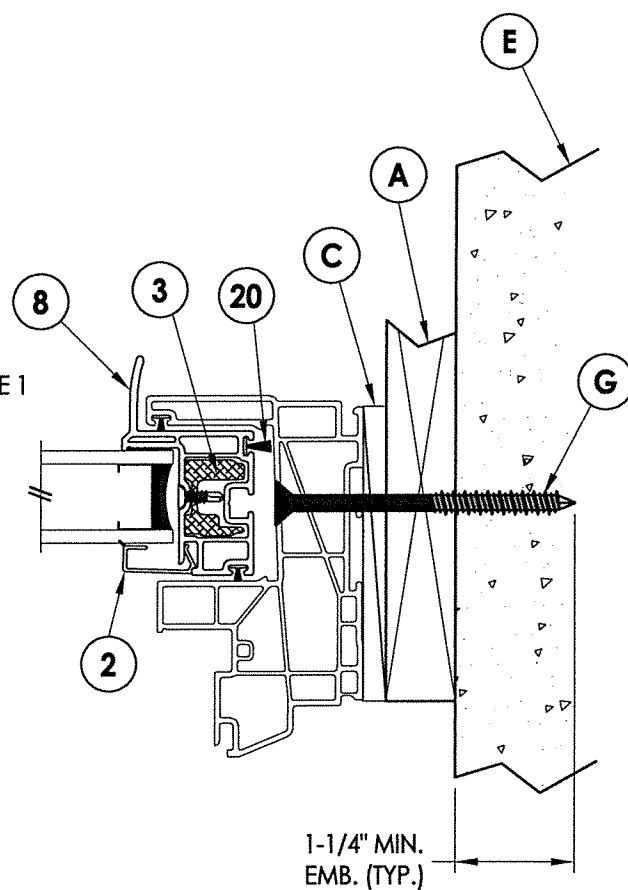
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal (maintain a min. 3/8" edge distance).



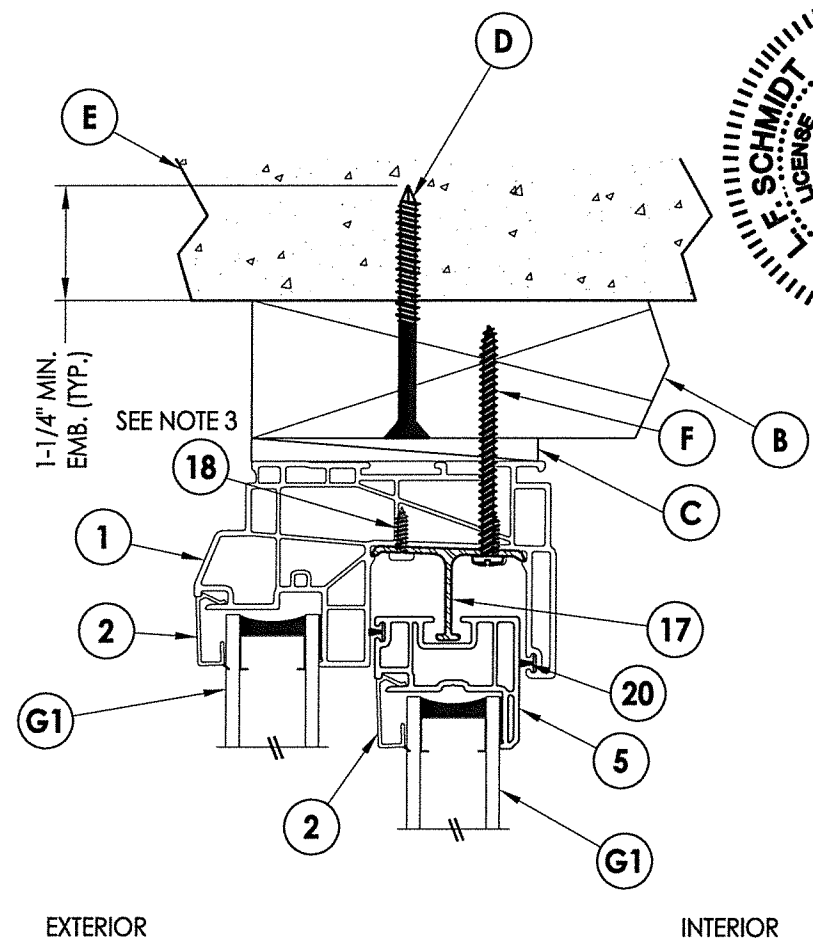
4 2 HORIZONTAL CROSS SECTION



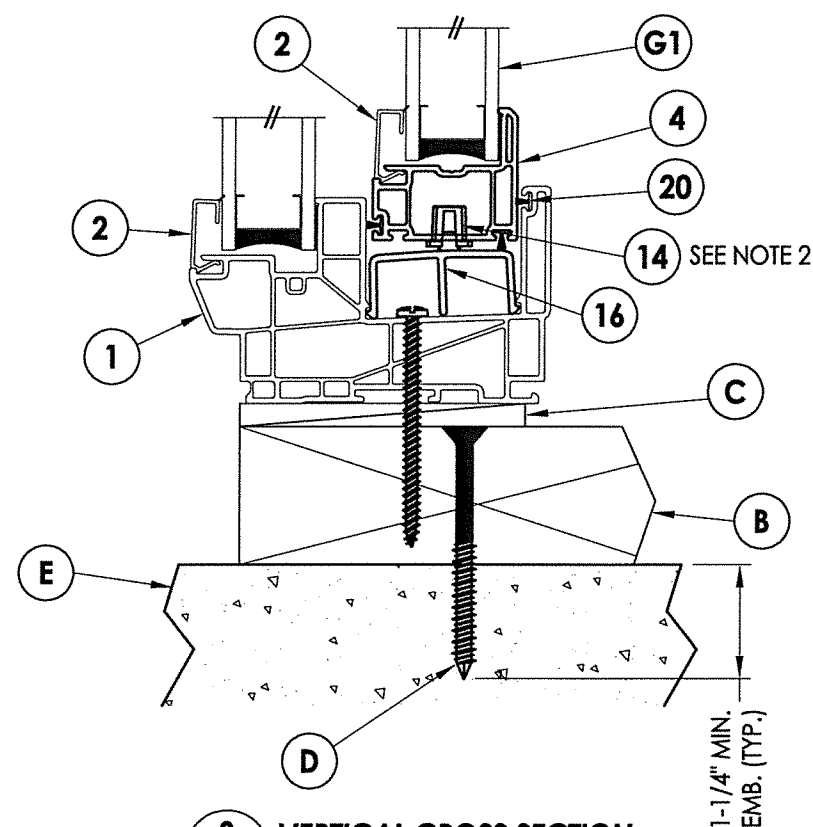
1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction



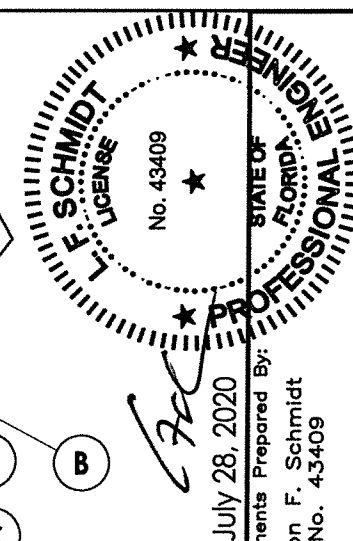
2 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction



3 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



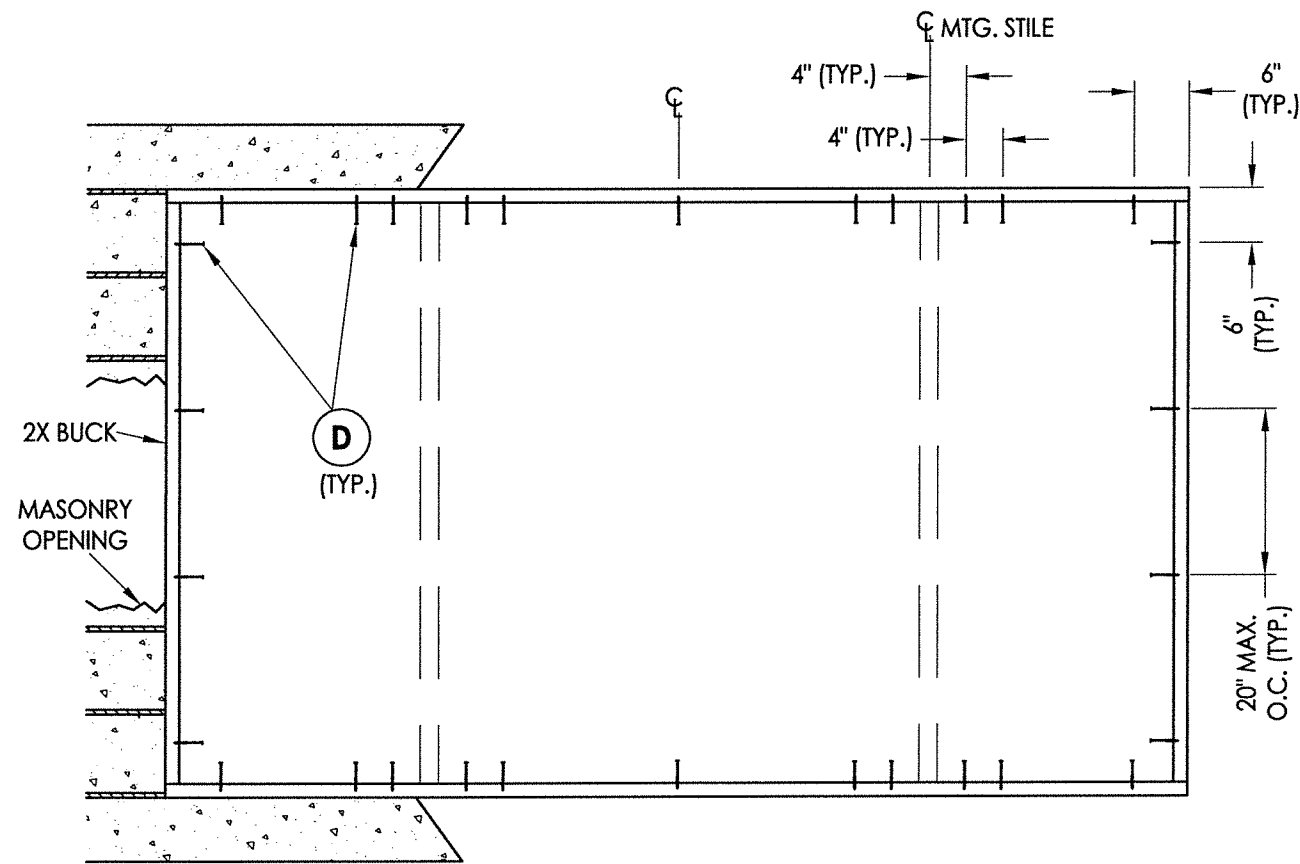
3 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



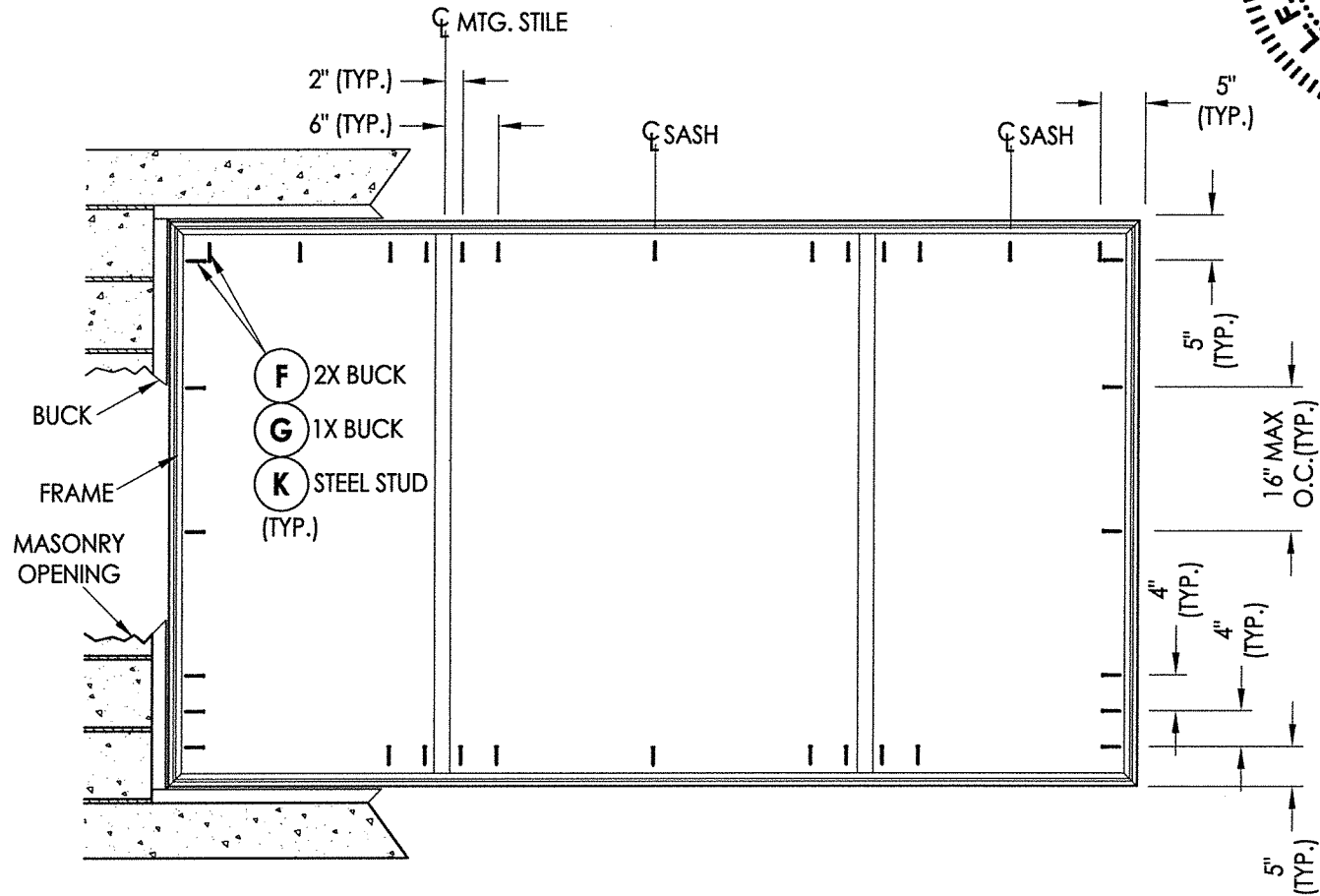
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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:		VERTICAL & HORIZONTAL CROSS SECTIONS	
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
NO.	DATE		BY
		REVISIONS	
DATE: 10/9/18			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.5			
SHEET 2 OF 5			



2X BUCK ANCHORING



FRAME ANCHORING

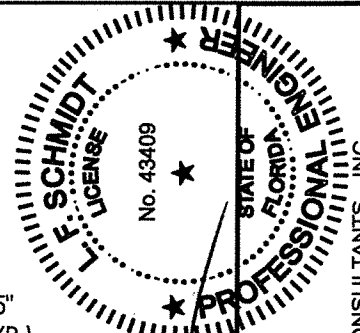
CONCRETE ANCHOR NOTES:

- 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

RW 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
		BY

DATE: 10/9/18

SCALE: N.T.S.

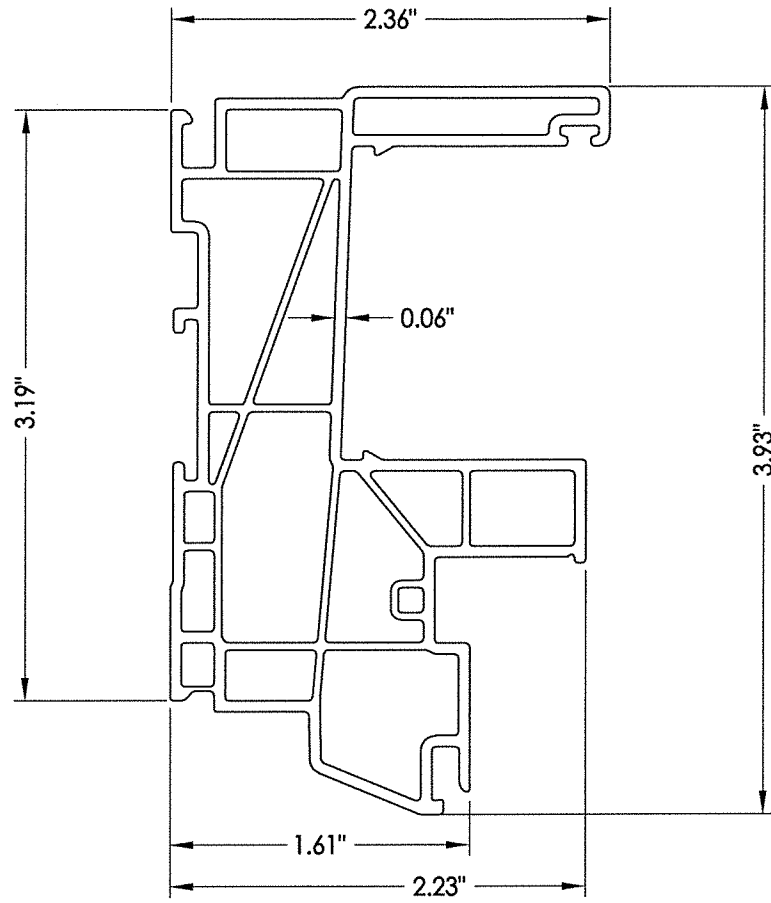
DWG. BY: TRJ

CHK. BY: LFS

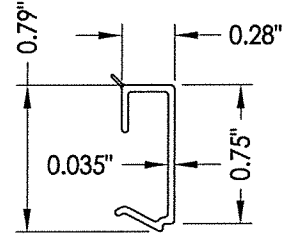
DRAWING NO.:

FL-26909.5

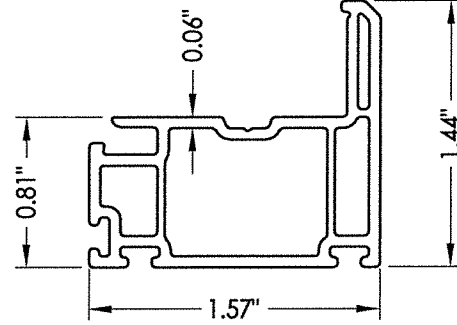
SHEET 3 OF 5



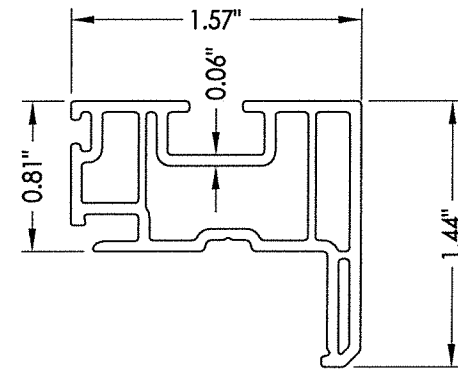
1 FRAME



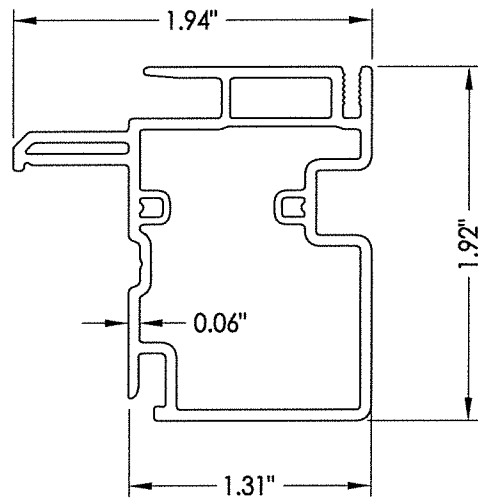
2 GLAZING BEAD



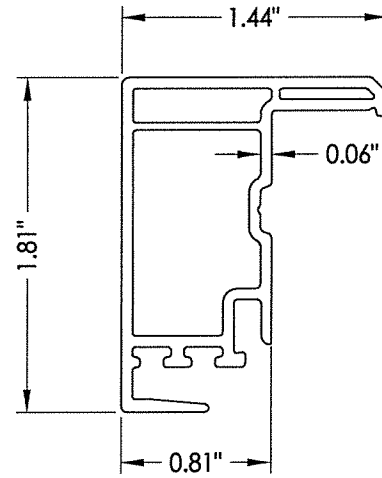
4 BOTTOM RAIL



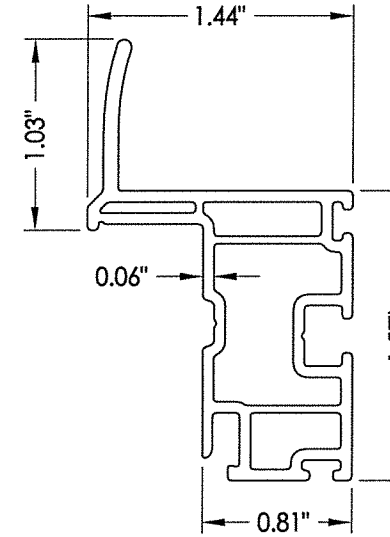
5 TOP RAIL



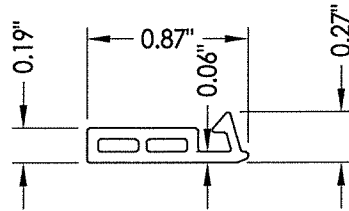
6 MEETING STILE



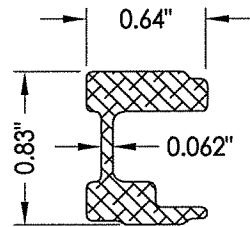
7 LOCK STILE



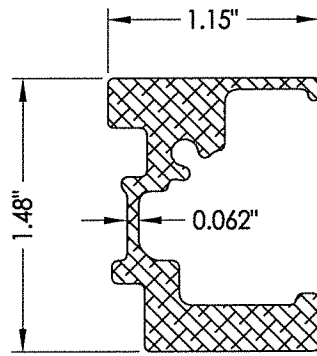
8 HANDLE STILE



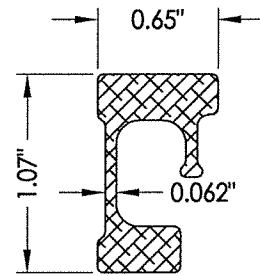
19 FLORIDA FLANGE
(Optional)



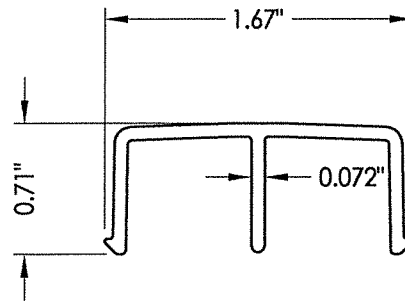
3 HANDLE STILE REINFORCEMENT



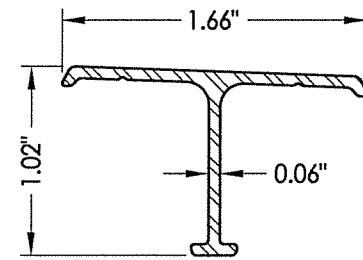
9 MEETING STILE REINFORCEMENT



10 LOCK STILE REINFORCEMENT



16 ROLLER TRACK



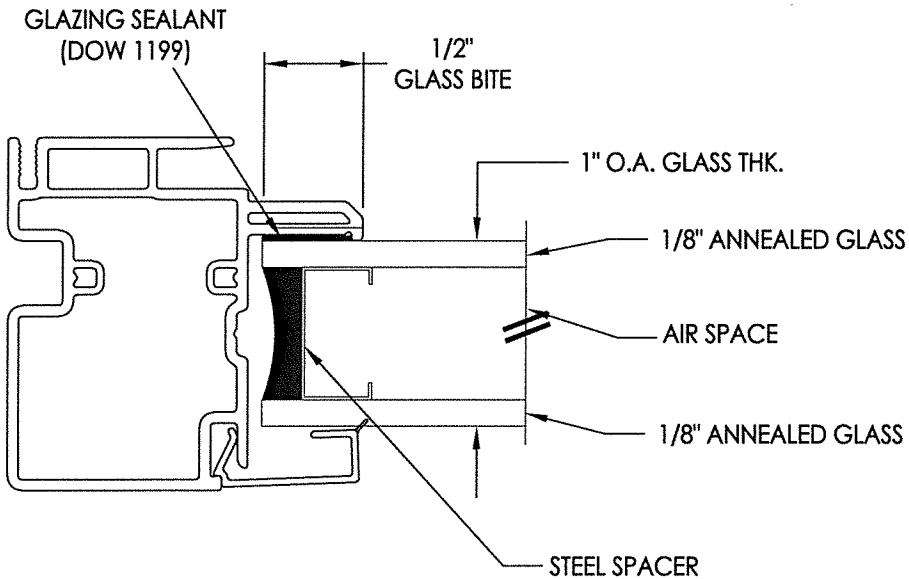
17 ANTI-LIFT

Professional Engineer
No. 43409
July 28, 2020
Documents Prepared By:
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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:		10/9/18	
SCALE:		N.T.S.	
DWG. BY:		TRJ	
CHK. BY:		LFS	
DRAWING NO.:		FL-26909.5	
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 2-1/2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	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	EXTRUDED VINYL FRAME (1834)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (836B)*	RIGID PVC
3	HANDLE STILE REINFORCEMENT (16579)	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 (16943)	6063 - T5 ALUM
10	LOCK STILE REINFORCEMENT (16582)	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	-
21	INTERLOCK SEAL	-

* 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

 F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER	July 28, 2020	Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	PRODUCT: SUNRISE WINDOWS	PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	REVISIONS	DATE: 10/9/18	SCALE: N.T.S.	DWG. BY: TRJ	CHK. BY: LFS	DRAWING NO.: FL-26909.5	SHEET 5 OF 5