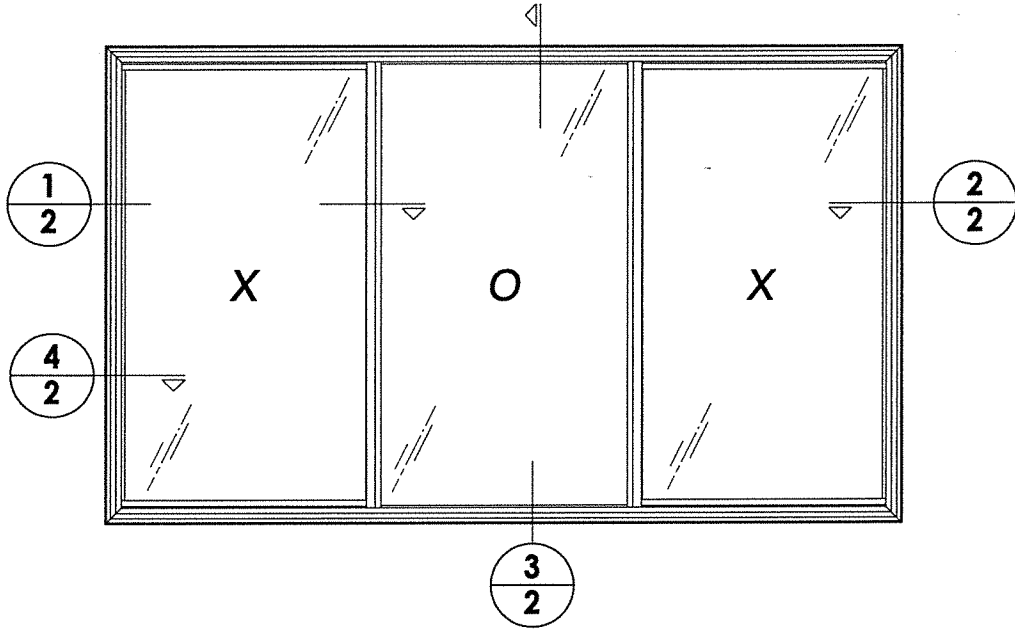


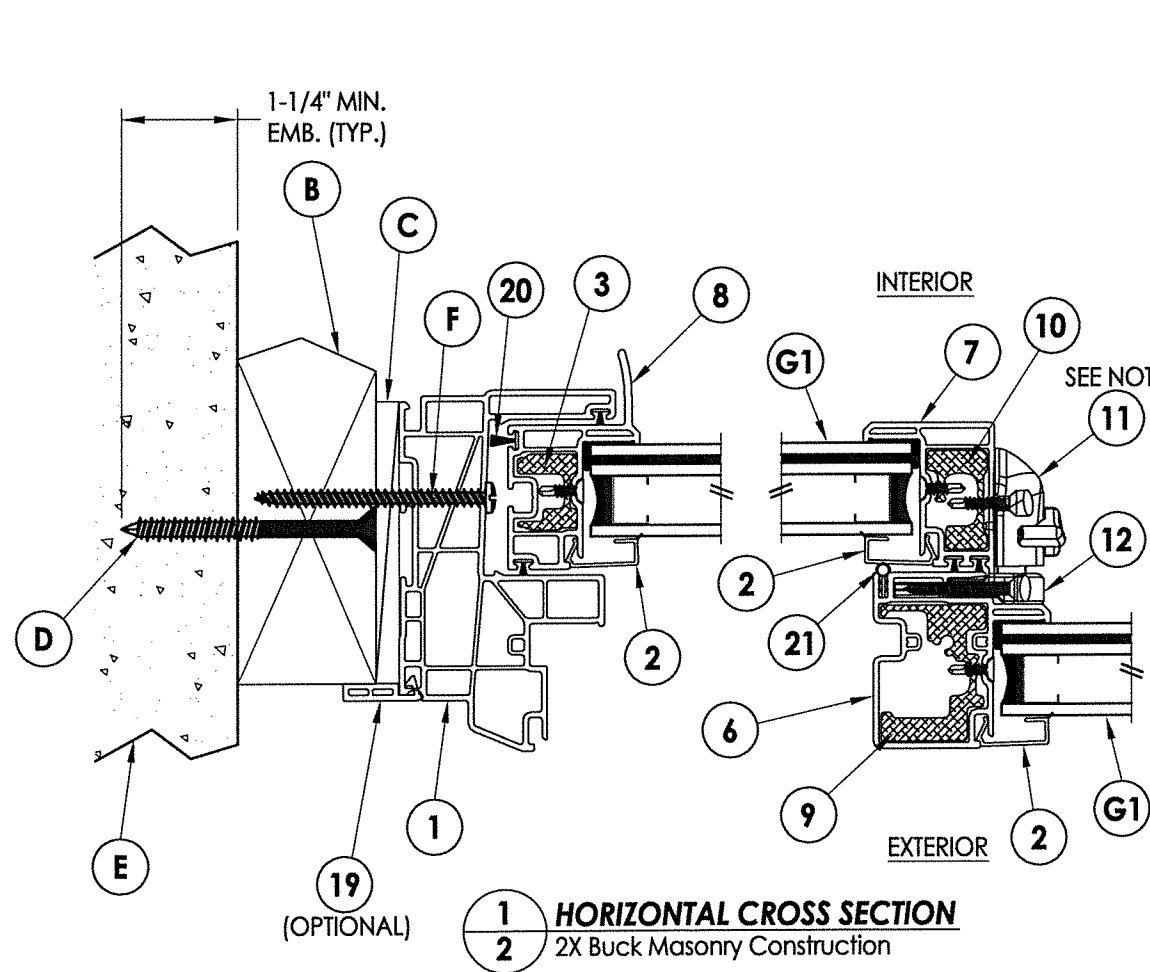
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R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.8.dwg, 2.2

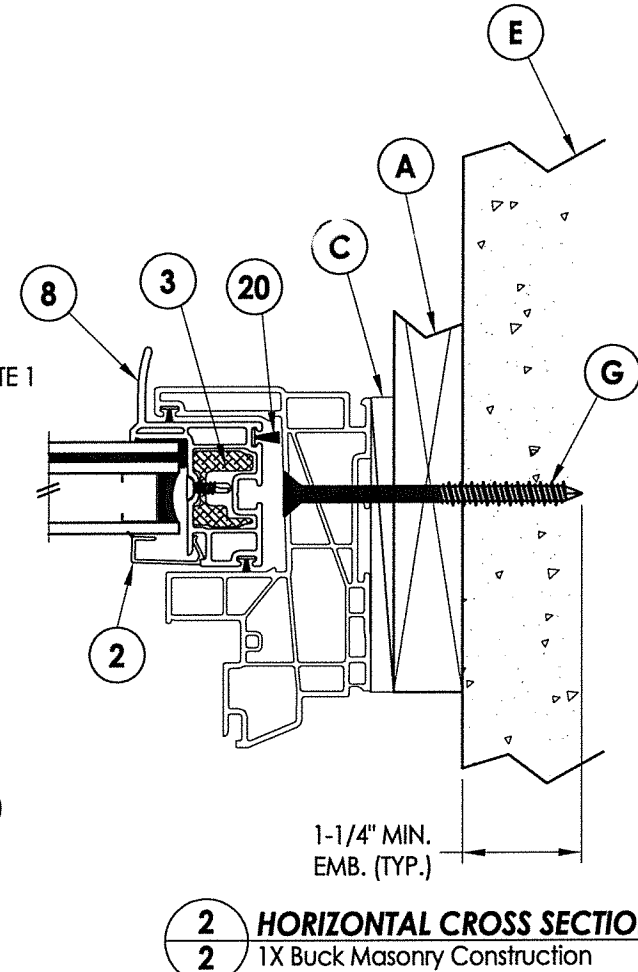


Note:

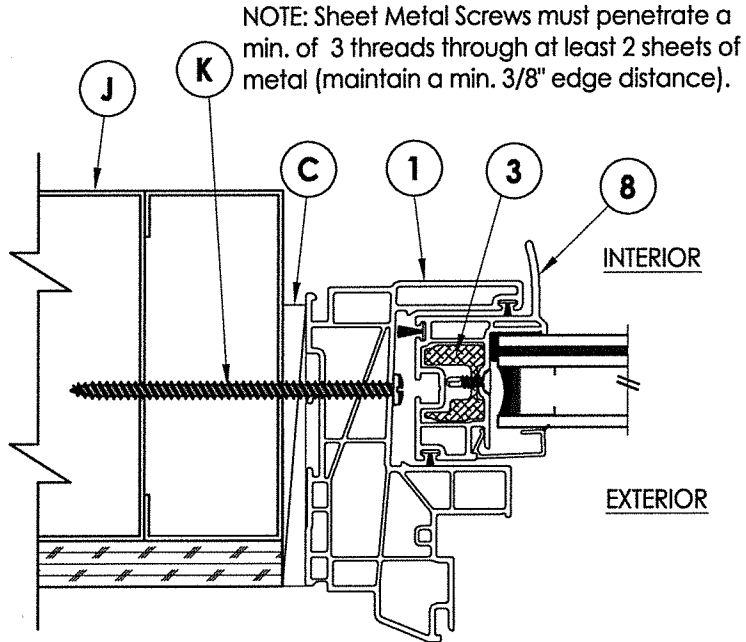
1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift (31-3/4" long) secured to head with (2) #10 X 2-1/2" PH SMS and (4) #8 X 1" PPH SMS.



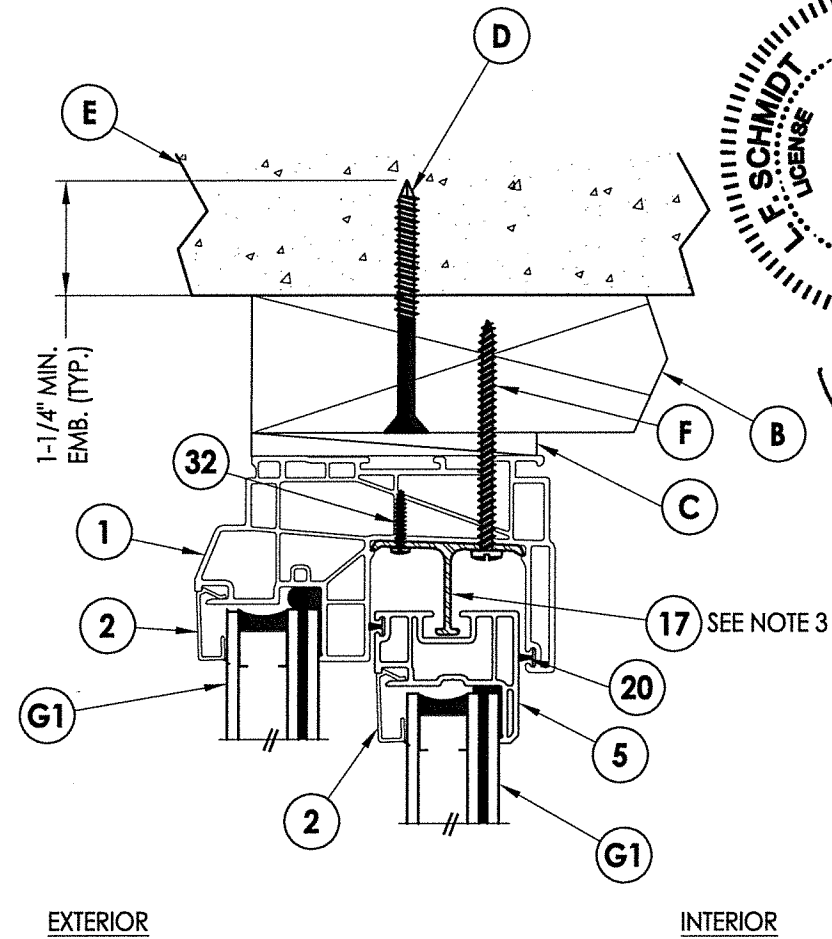
1
2 **HORIZONTAL CROSS SECTION**
2X Buck Masonry Construction



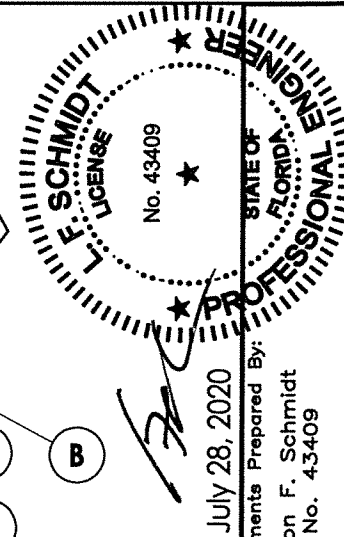
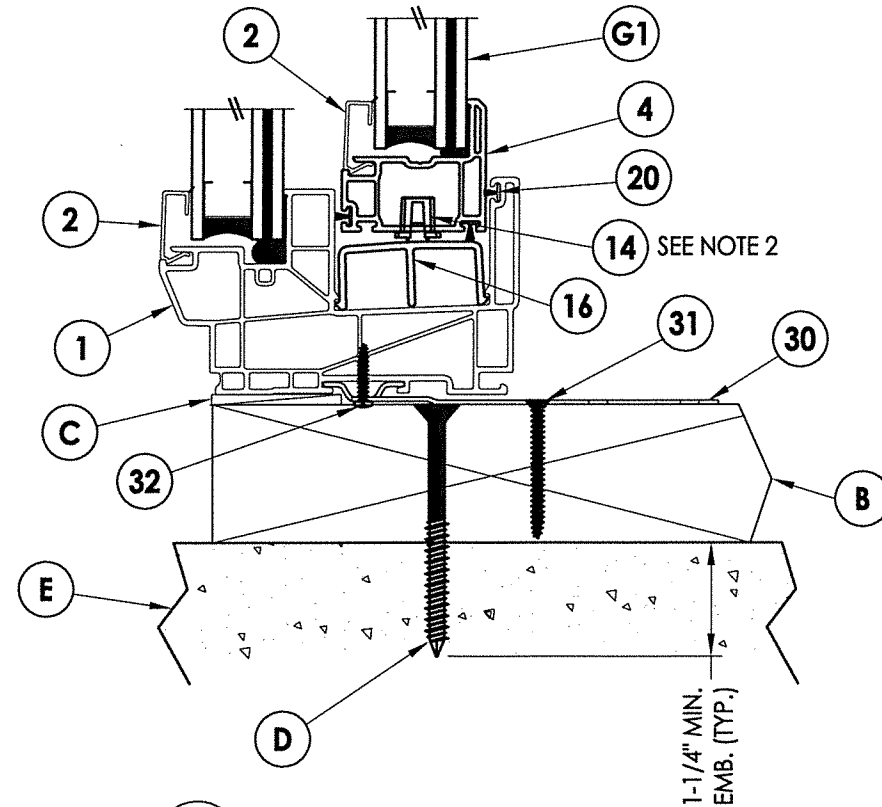
2
2 **HORIZONTAL CROSS SECTION**
1X Buck Masonry Construction



4
2 **HORIZONTAL CROSS SECTION**
Metal Stud Construction



3
2 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction

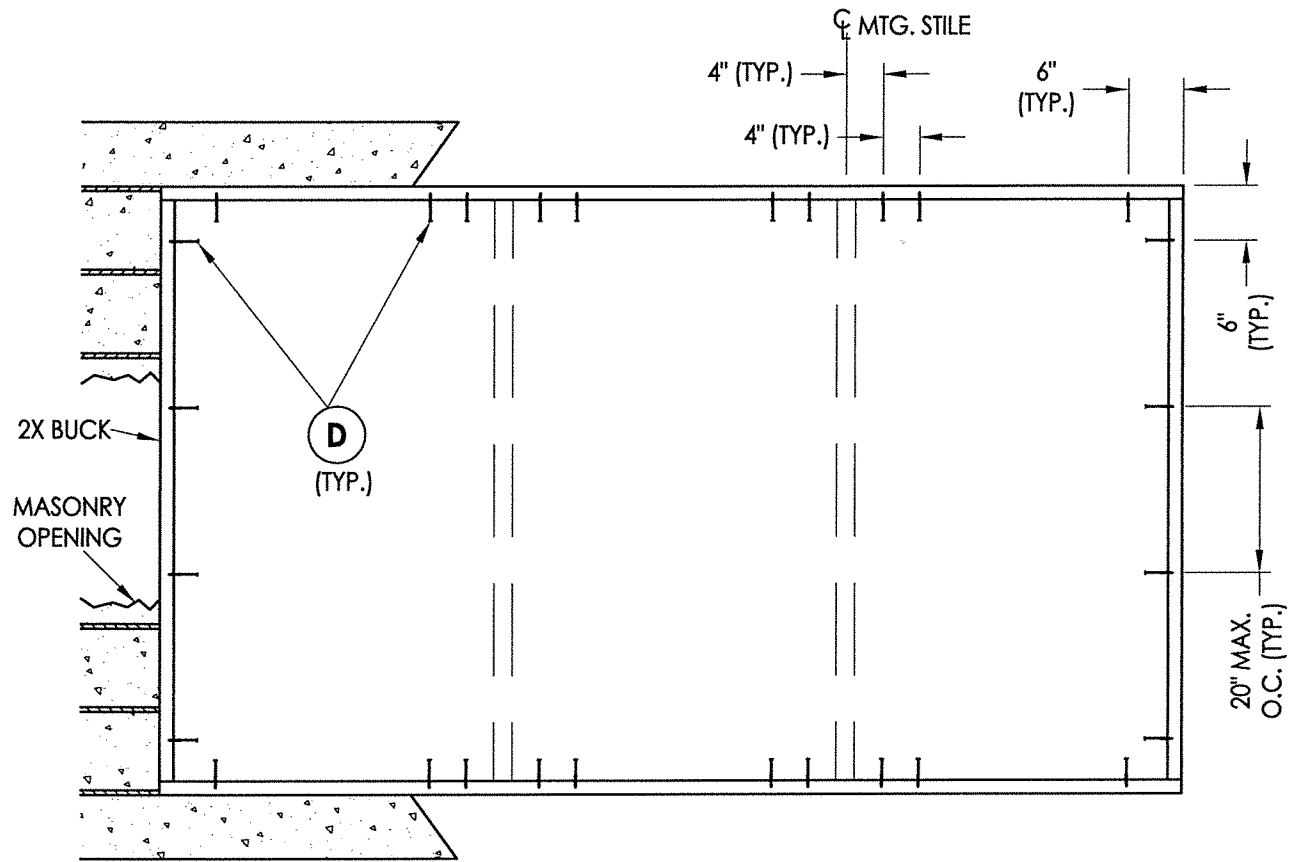


July 28, 2020

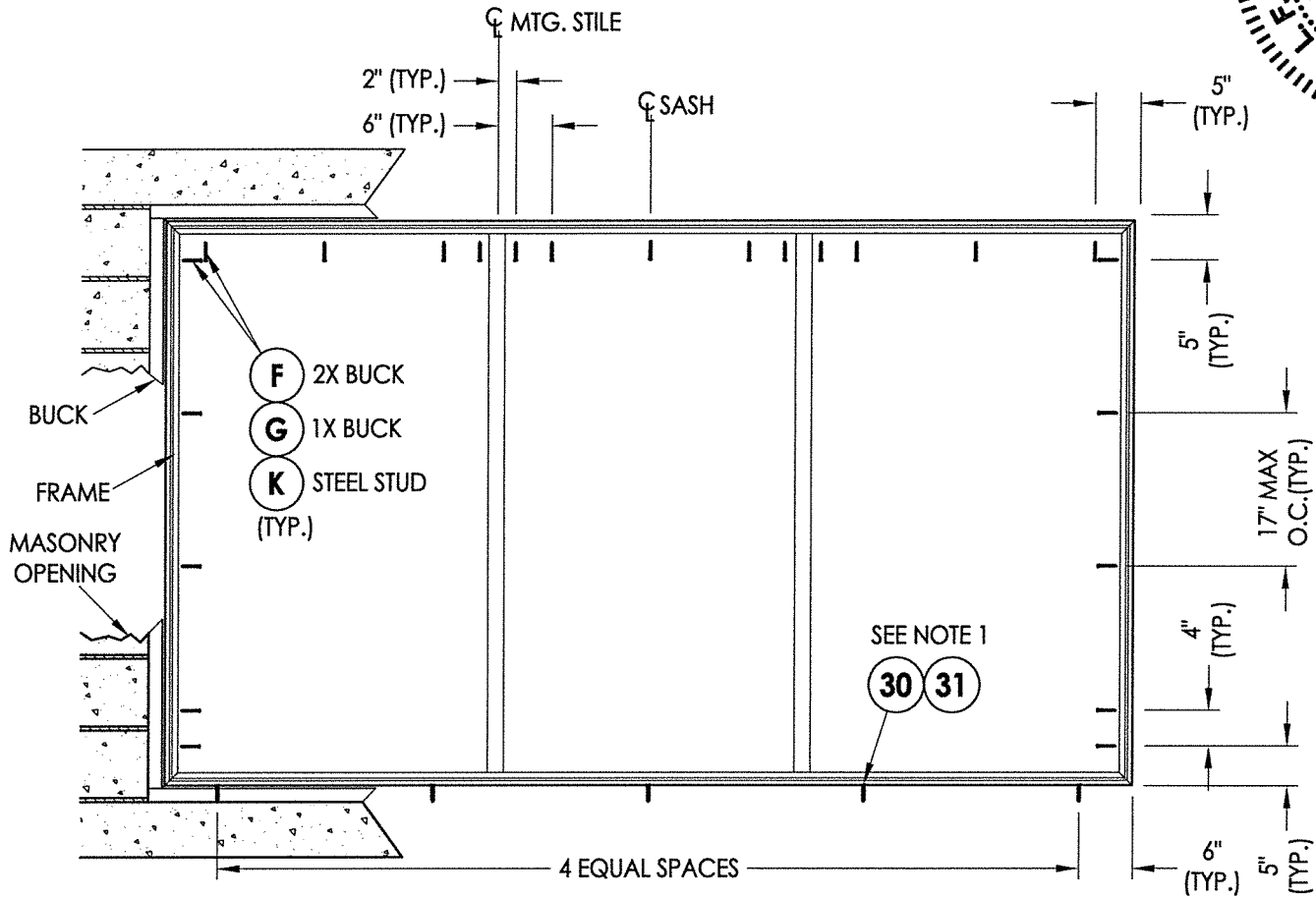
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	UPDATE TO	BY
1	7/27/20	7TH ED (2020) FBC	LFS
REVISIONS			
DATE: 10/9/18			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.8			
SHEET 2 OF 5			



2X BUCK ANCHORING



FRAME ANCHORING

NOTE:

1. INSTALLATION TIE STRAPS REQUIRED ALONG THE SILL: 6" FROM EACH CORNER & 3 MORE EQUALLY SPACED (5 TOTAL).

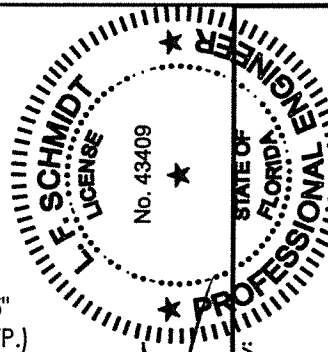
CONCRETE ANCHOR NOTES:

- 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

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P.O. Box 230, Valrico, FL 33595
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FBPE Registry License No. 9813

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

DATE: 10/9/18

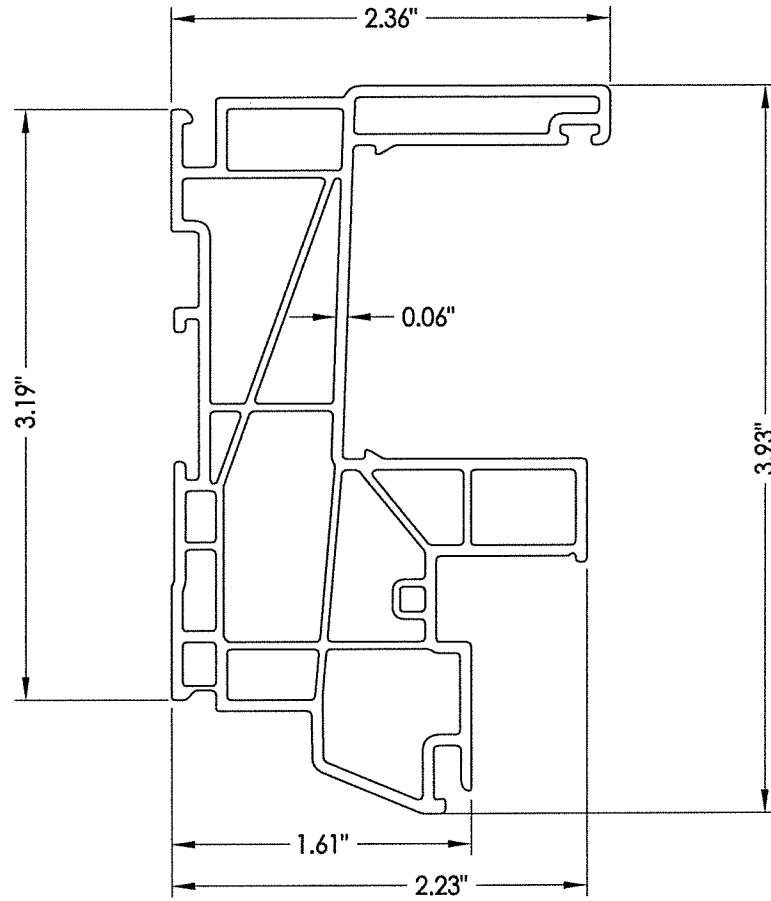
SCALE: N.T.S.

DWG. BY: TRJ

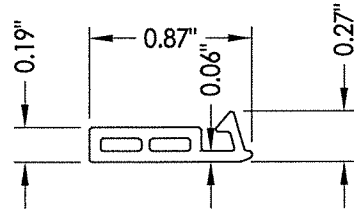
CHK. BY: LFS

DRAWING NO.: FL-26909.8

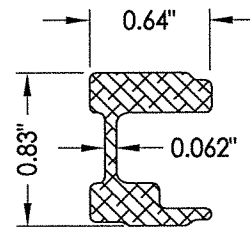
SHEET 3 OF 5



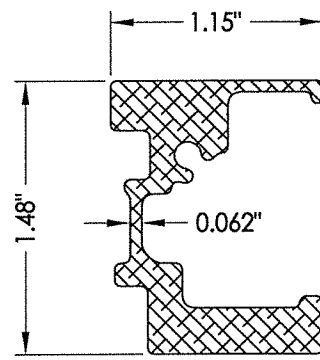
1 FRAME



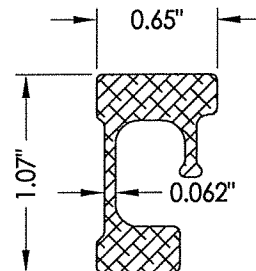
19 FLORIDA FLANGE
(Optional)



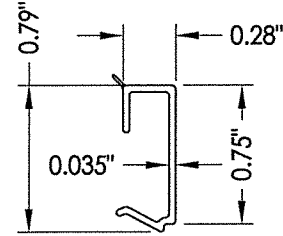
3 HANDLE STILE REINFORCEMENT



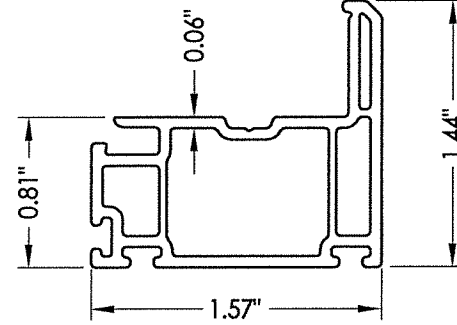
9 MEETING STILE REINFORCEMENT



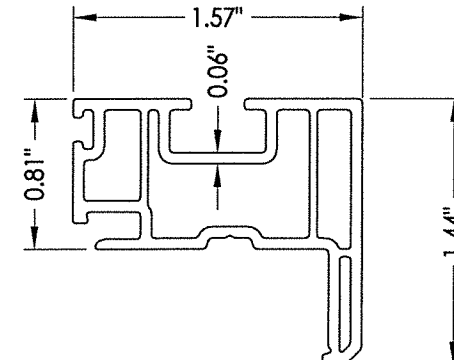
10 LOCK STILE REINFORCEMENT



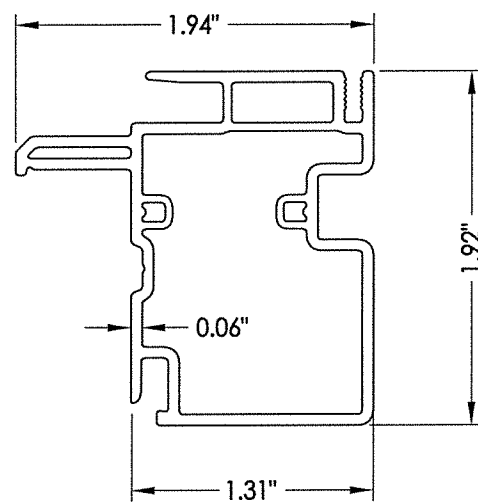
2 GLAZING BEAD



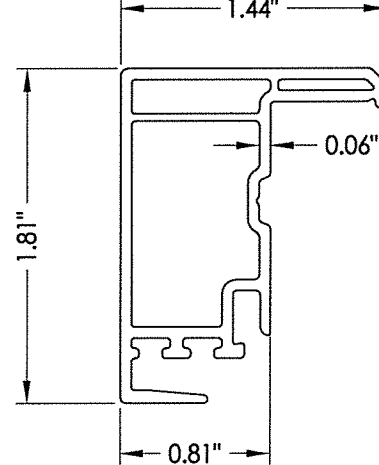
4 BOTTOM RAIL



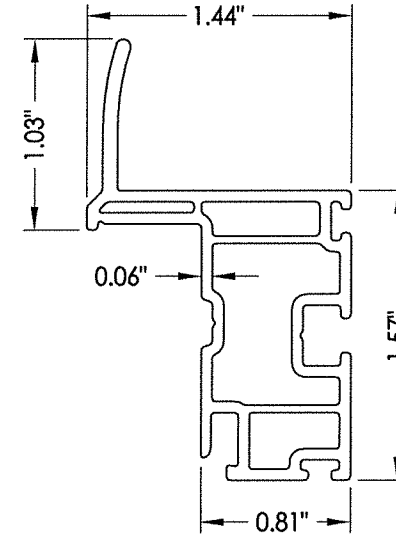
5 TOP RAIL



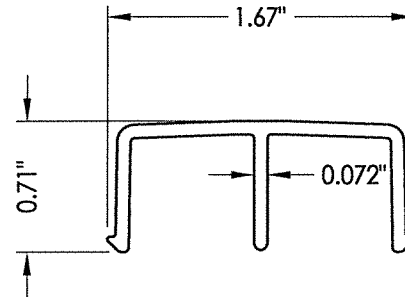
6 MEETING STILE



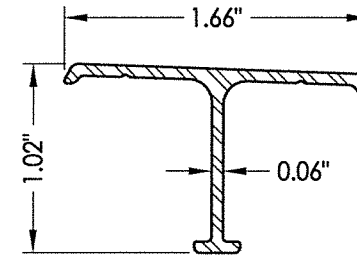
7 LOCK STILE



8 HANDLE STILE



16 ROLLER TRACK



17 ANTI-LIFT

July 28, 2020

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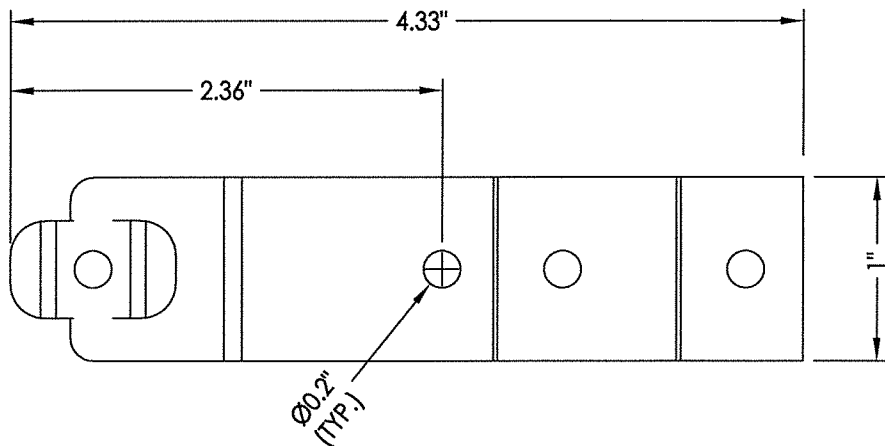
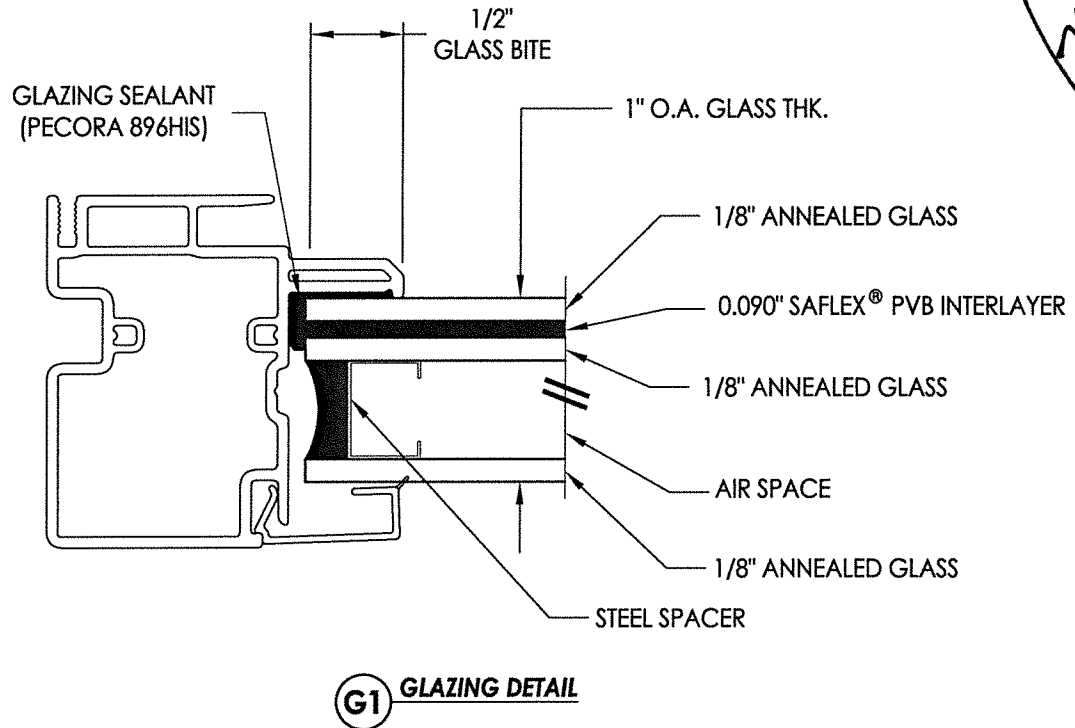
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 43409

RW 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		COMPONENTS	
NO.	DATE	REVISIONS	BY
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
DATE: 10/9/18			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.8			
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
19	FLORIDA FLANGE (1859)*	RIGID PVC
20	WEATHERSTRIP	-
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".



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

	July 28, 2020	Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	STATE OF FLORIDA PROFESSIONAL ENGINEER	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		
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS	BY
NO.	DATE	REVISIONS		
DATE: 10/9/18				
SCALE: N.T.S.				
DWG. BY: TRJ				
CHK. BY: LFS				
DRAWING NO.: FL-26909.8				
SHEET 5 OF 5				