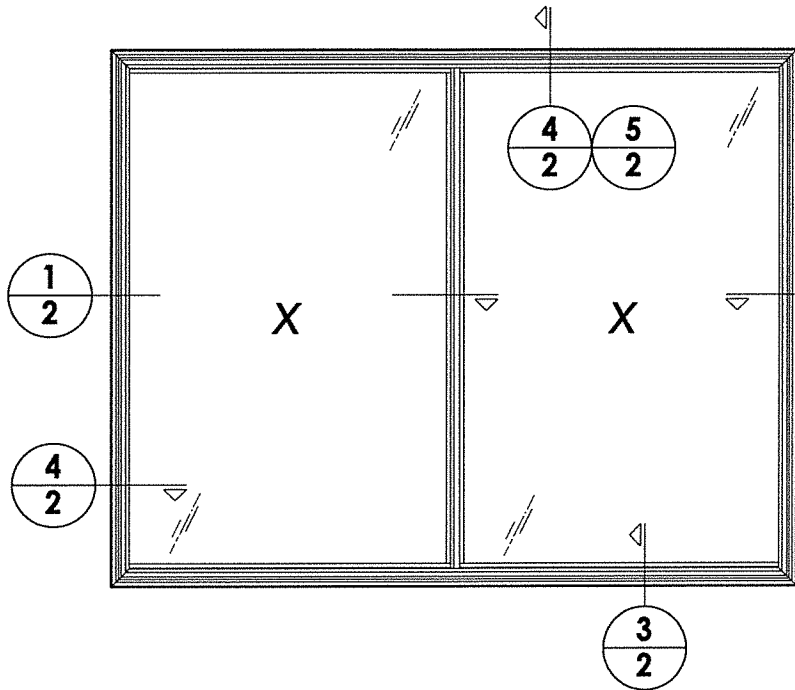
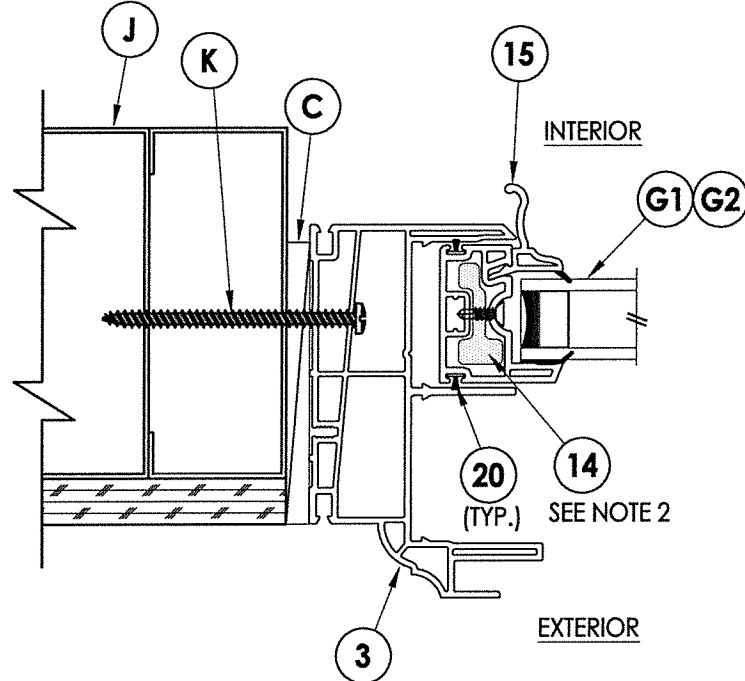
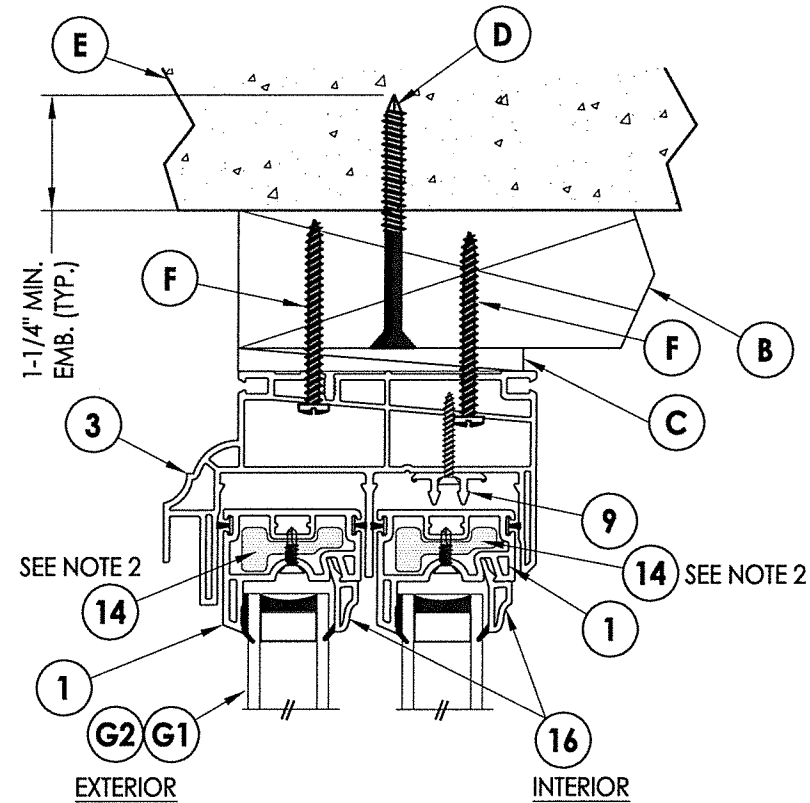




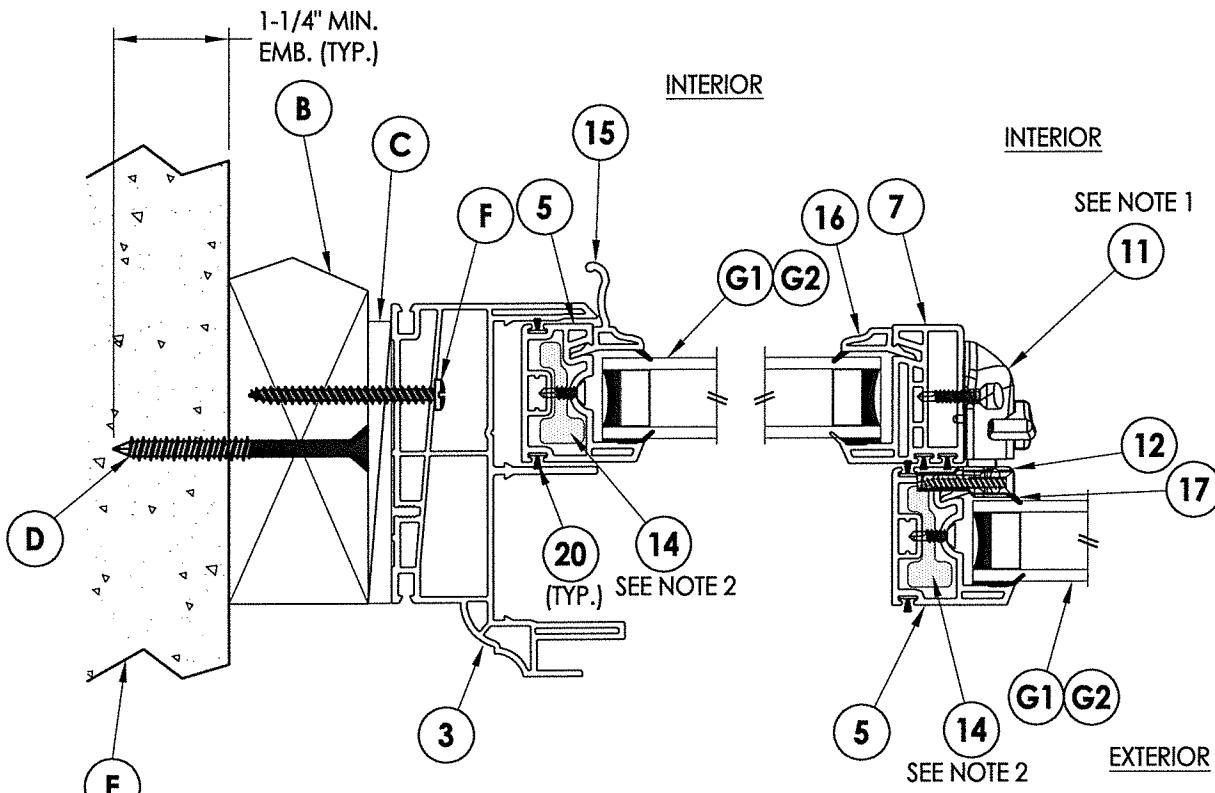
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal (maintain a min. 3/8" edge distance).



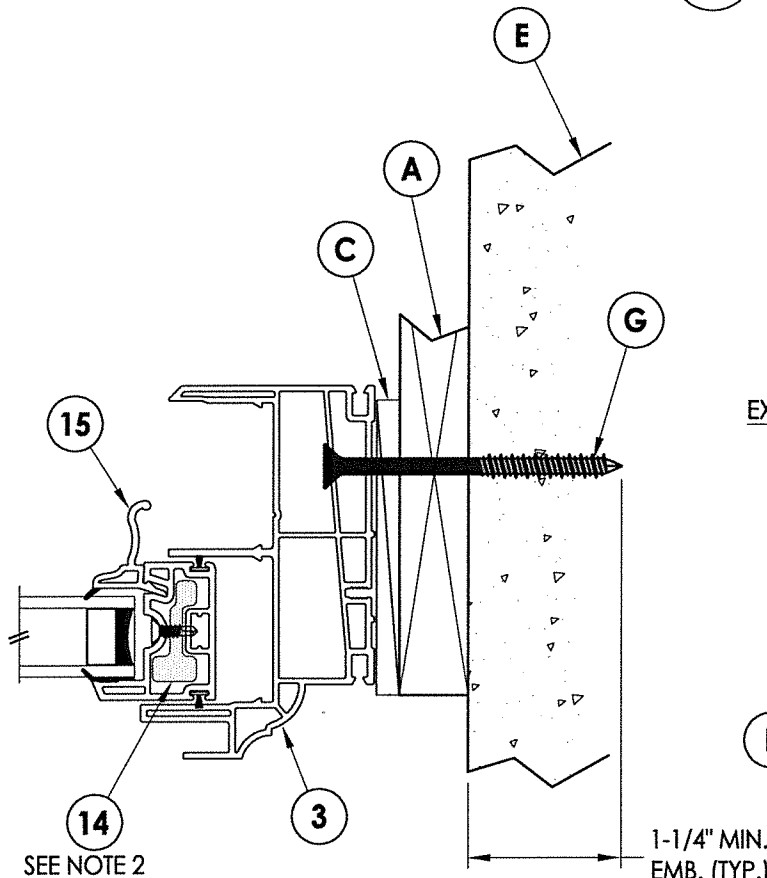
5
2 **HORIZONTAL CROSS SECTION**
Metal Stud Construction



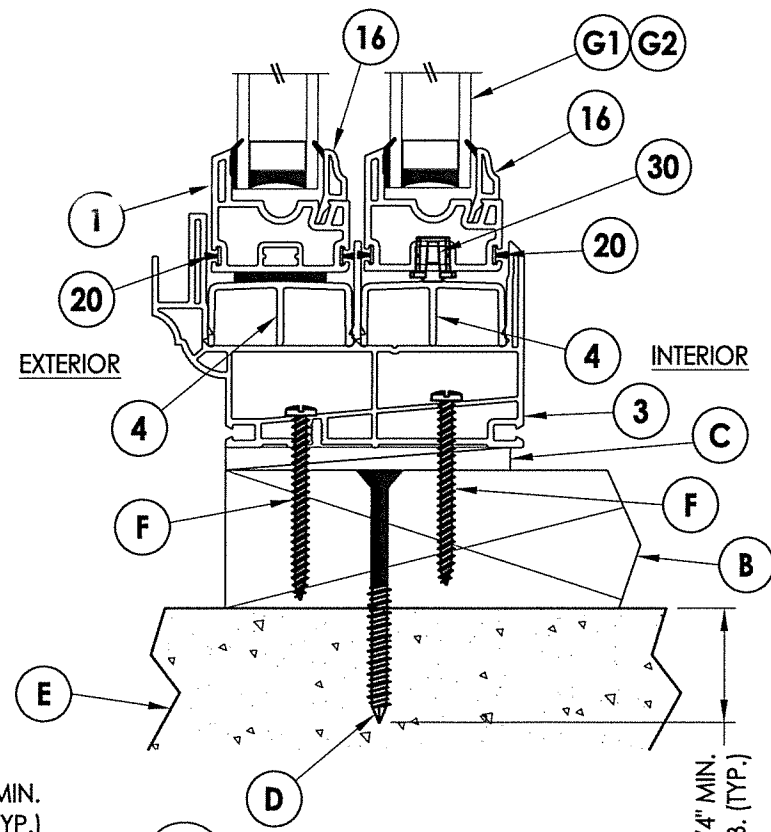
4
2 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction



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

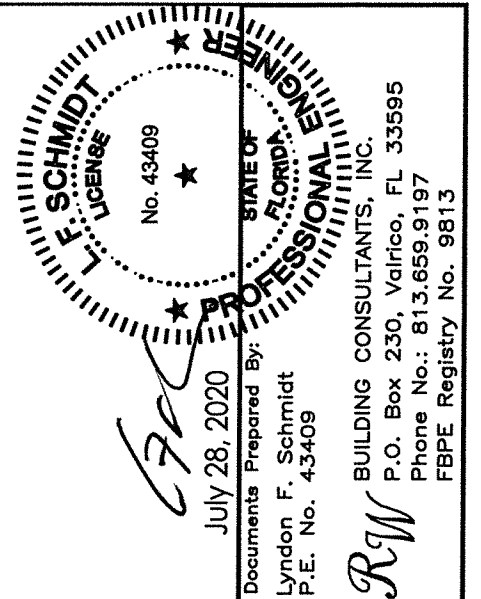


2
2 **HORIZONTAL CROSS SECTION**
1X Buck Masonry Construction



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

- NOTES:**
1. Lock and keeper located 11" from each end of lock/meeting stile.
 2. Reinforcement required as follows:
93" X 73" Frame Size: All stile & rail reinforcement shown
72" X 56" Frame Size: All stile & rail reinforcement shown
63" X 44" Frame Size: All stile reinforcement shown
63" X 40" Frame Size: No reinforcement is required



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

July 28, 2020

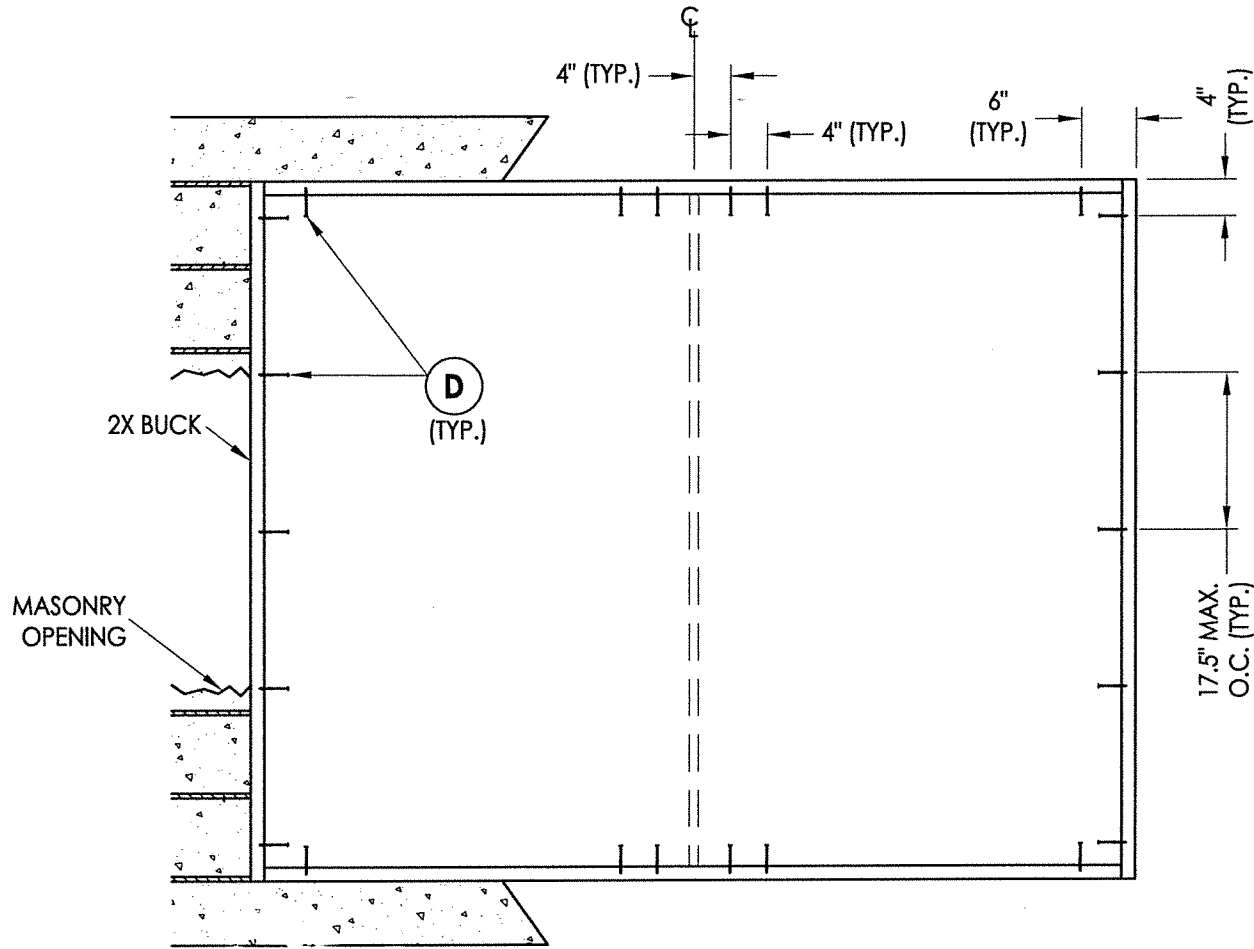
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

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

DATE: 2/12/20
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-26909.14
SHEET 2 OF 5



2X BUCK ANCHORING

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

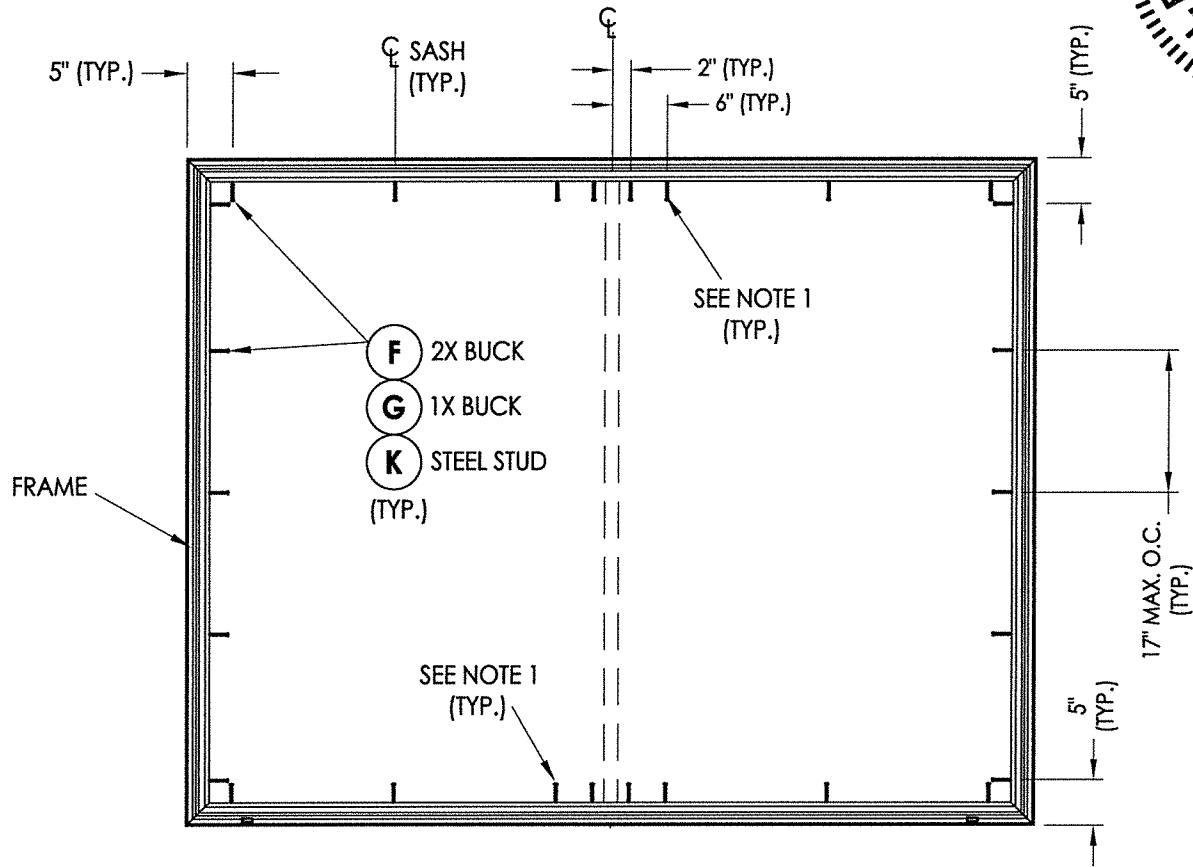
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

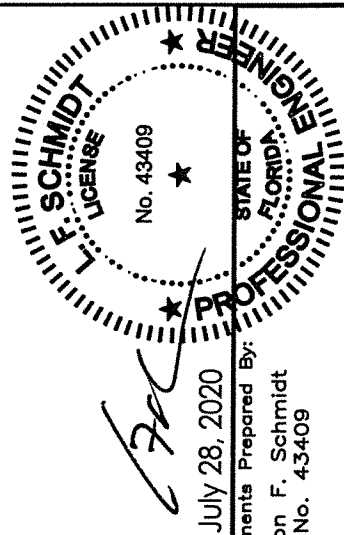
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

NOTE:

1. Frame anchors along the head and sill are located in the sash track where they are hidden when the sashes are closed.



FRAME ANCHORING



July 28, 2020

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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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: 2/12/20

SCALE: N.T.S.

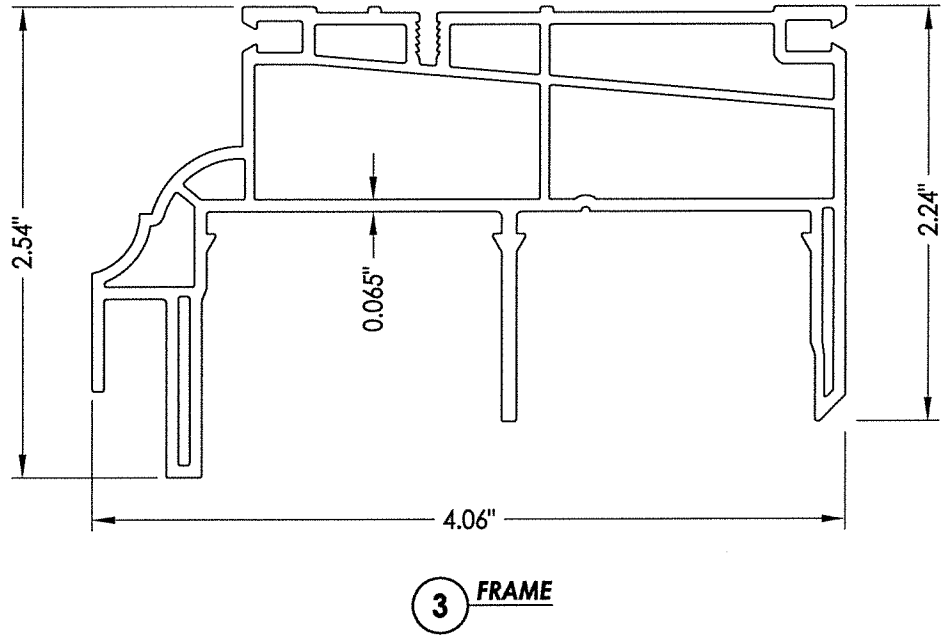
DWG. BY: TRJ

CHK. BY: LFS

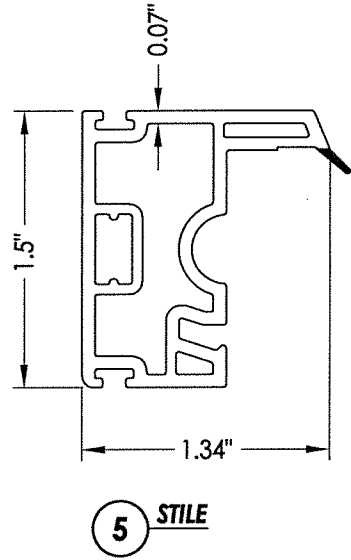
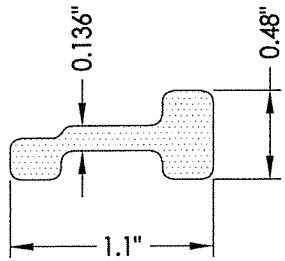
DRAWING NO.:

FL-26909.14

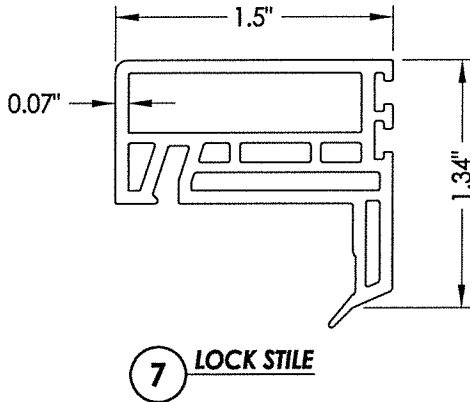
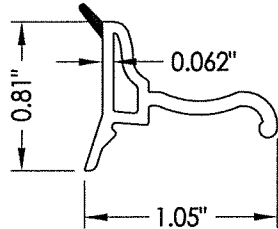
SHEET 3 OF 5



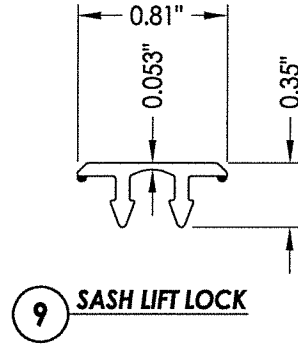
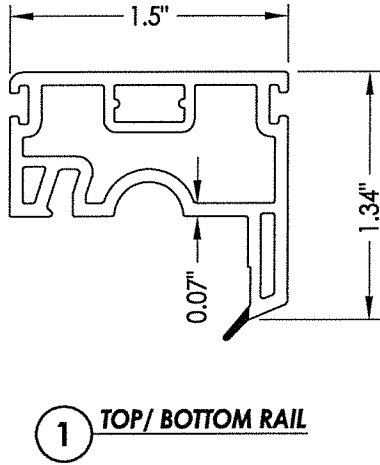
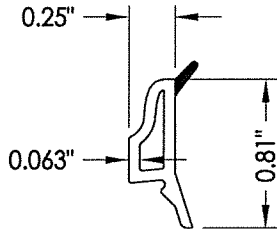
14 STILE/RAIL REINFORCEMENT



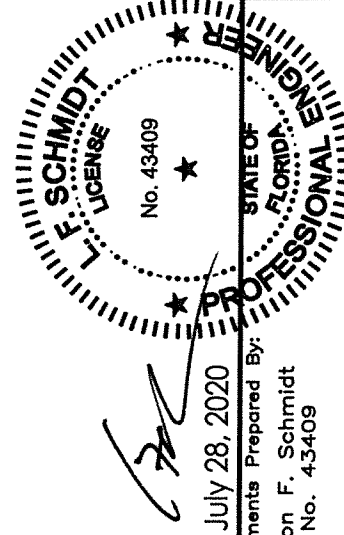
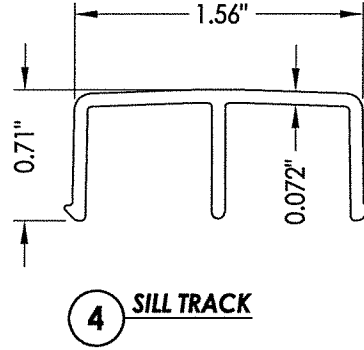
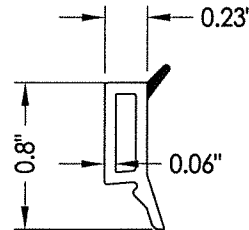
15 PULL STILE GLAZING BEAD



16 CONTOURED GLAZING BEAD



17 MTG. STILE GLAZING BEAD



July 28, 2020
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PRODUCT: SUNRISE WINDOWS

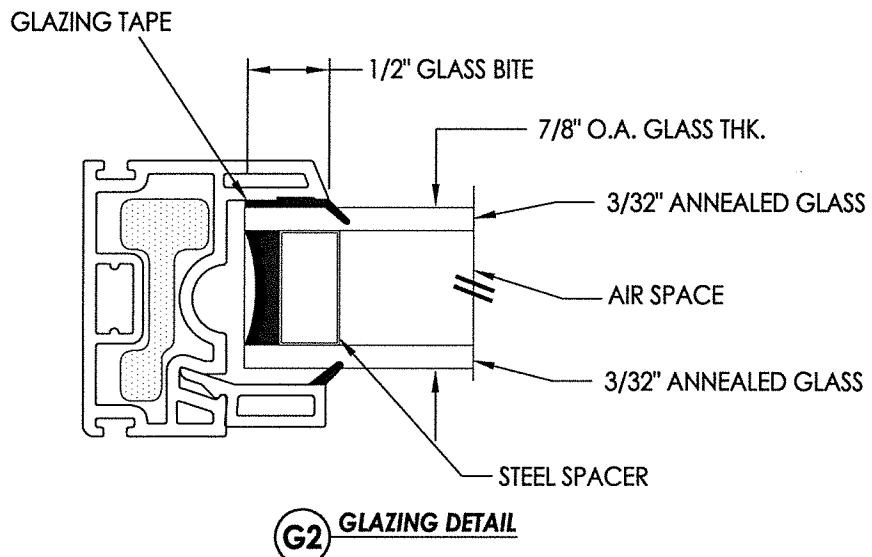
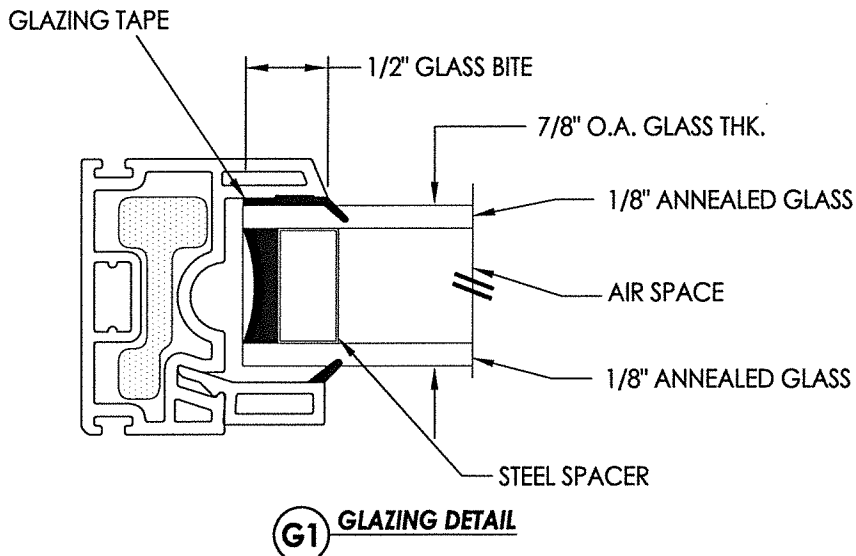
PART OR ASSEMBLY: COMPONENTS

DATE: 2/12/20
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-26909.14
SHEET 4 OF 5

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

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" 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	TOP RAIL/BOTTOM RAIL*	RIGID PVC
3	FRAME*	RIGID PVC
4	SILL TRACK*	RIGID PVC
5	STILE*	RIGID PVC
7	LOCK STILE*	RIGID PVC
9	SASH LIFT LOCK*	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
14	STILE/RAIL REINFORCEMENT	COMP
15	PULL STILE GLAZING BEAD*	RIGID PVC
16	CONTOURED GLAZING BEAD*	RIGID PVC
17	MEETING STILE GLAZING BEAD*	RIGID PVC
20	WEATHERSTRIP	-
30	ROLLER ASSY.	-

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

[illegible]