

BELOW MEETING RAIL

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal.

SEE NOTE 1

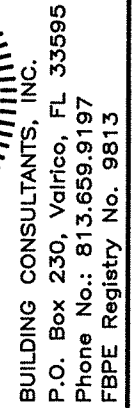
INTERIOR

ABOVE MEETING RAIL

EXTERIOR

4 **HORIZONTAL CROSS SECTION**

2 Metal Stud Construction



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The diagram illustrates a window frame assembly with the following components and dimensions:

- Top Components:**
 - STEEL STUD (K)
 - 1X BUCK (H)
 - 2X BUCK (L)
 - HEAD
- Right Side Components:**
 - 4" (TYP.)
 - 4" (TYP.)
 - 4" (TYP.)
 - SASH
 - 4" (TYP.)
 - SASH
 - 4" (TYP.)
- Internal Components:**
 - 2X BUCK (F)
 - 1X BUCK (G)
 - STEEL STUD (K)
 - JAMBS (TYP.)
 - 2X BUCK (M)
 - 1X BUCK (D)
 - STEEL STUD (N)
 - JAMBS (TYP.)
- Left Side Components:**
 - FRAME
 - 2X BUCK (L)
 - 1X BUCK (H)
 - STEEL STUD (K)
 - THROUGH BALANCE

FW

February 16, 2021

Documents Prepared By:
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RW

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

February 16, 2021

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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:
**BUCK & FRAME
ANCHORING**

REVISIONS

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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"
DeWALT 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.

[illegible]

DATE: 12/11/20

SCALE: N.T.S.

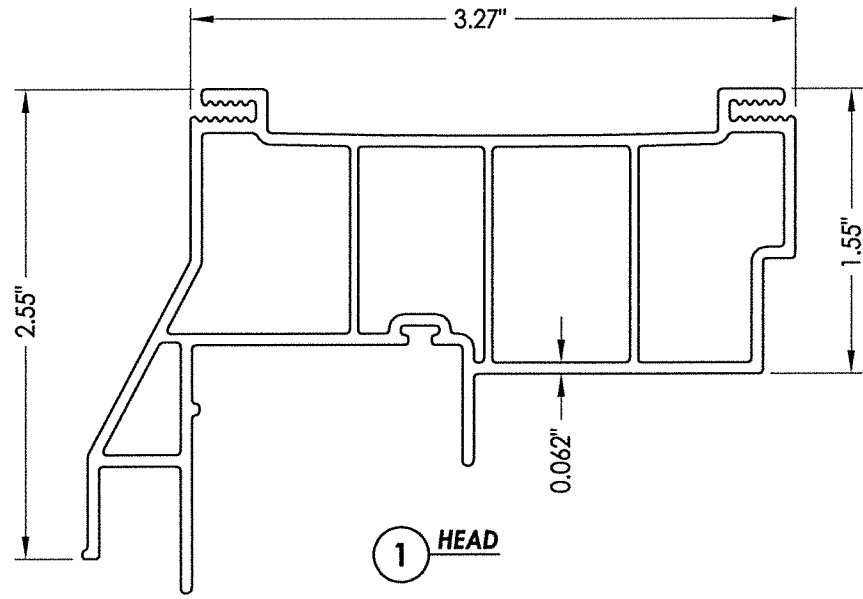
DWG. BY: RW

CHK. BY: LFS

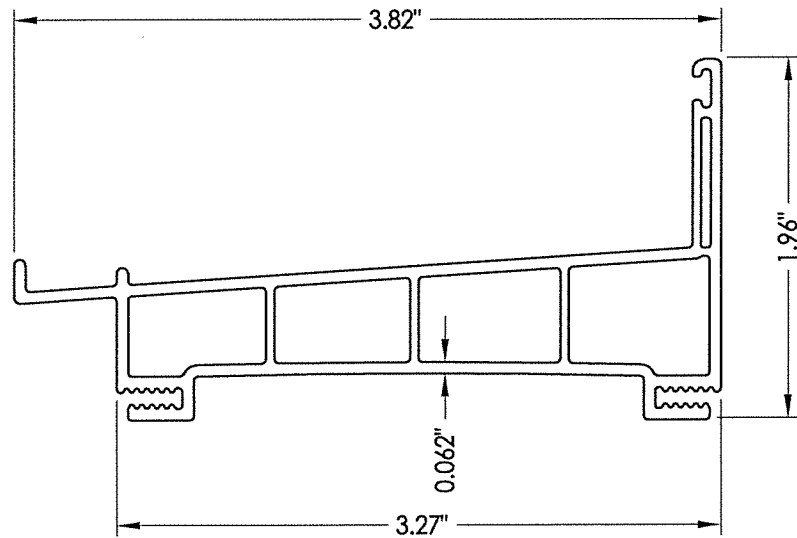
DRAWING NO.:

FL-26910.13

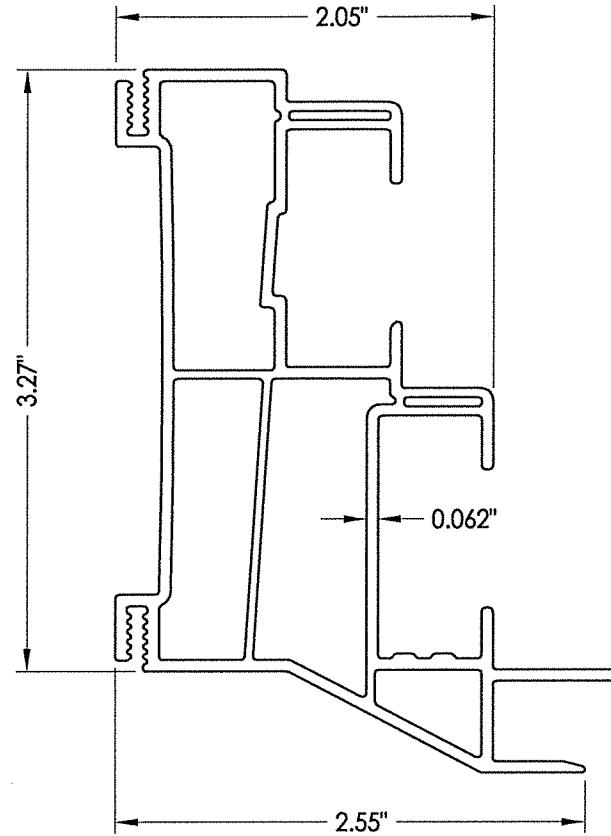
SHEET 3 OF 5



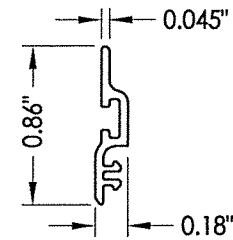
1 HEAD



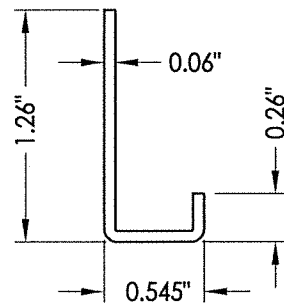
4 SILL



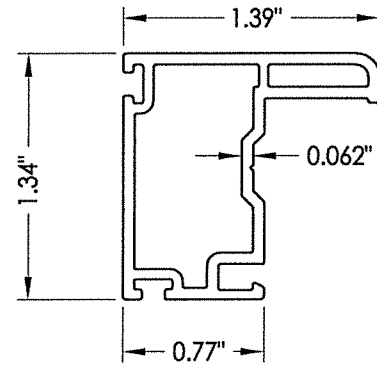
3 JAMB



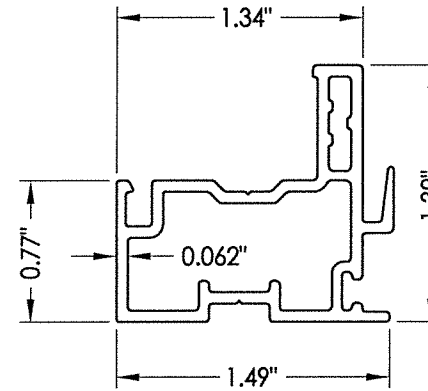
19 SILL RISER



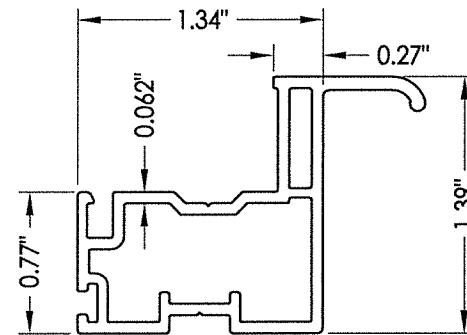
20 JAMB REINFORCEMENT
1" WIDE



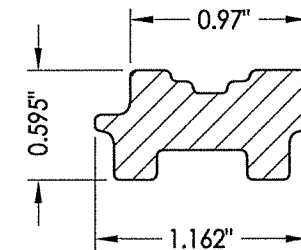
5 STILE



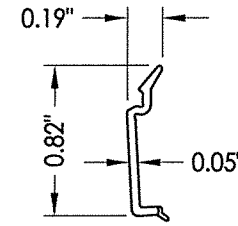
6 KEEPER RAIL



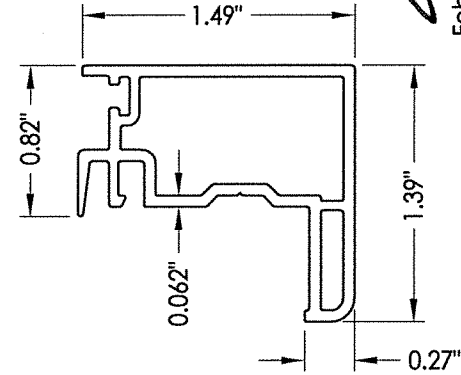
8 BOTTOM LIFT RAIL



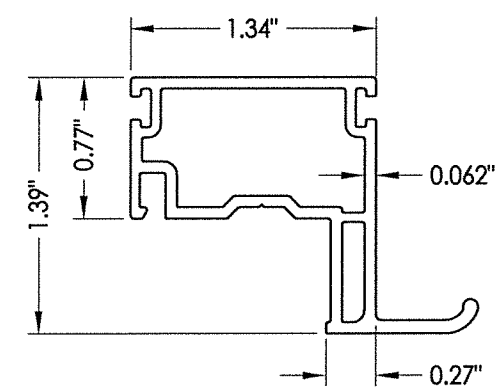
14 LOCK RAIL REINFORCEMENT



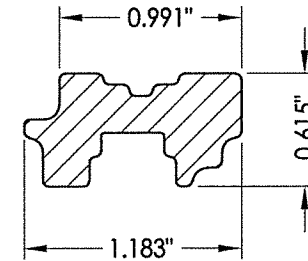
2 GLAZING BEAD



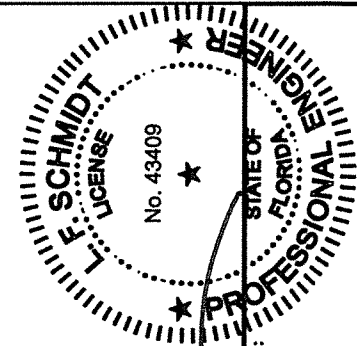
7 LOCK RAIL



9 PULL RAIL



15 STILE/RAIL REINFORCEMENT



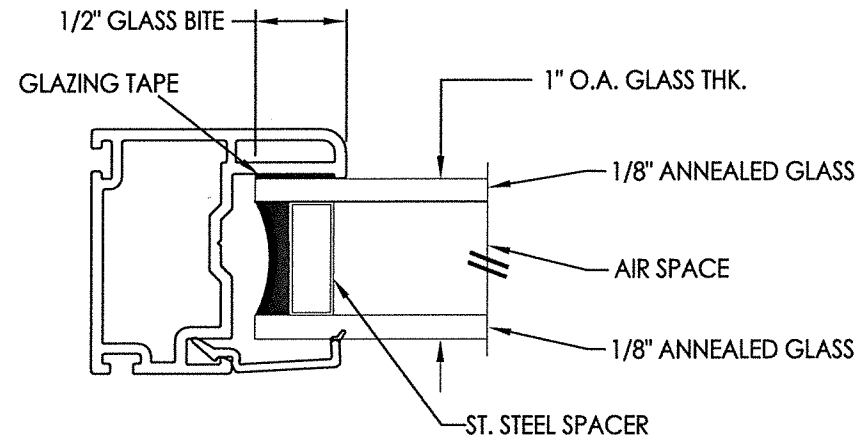
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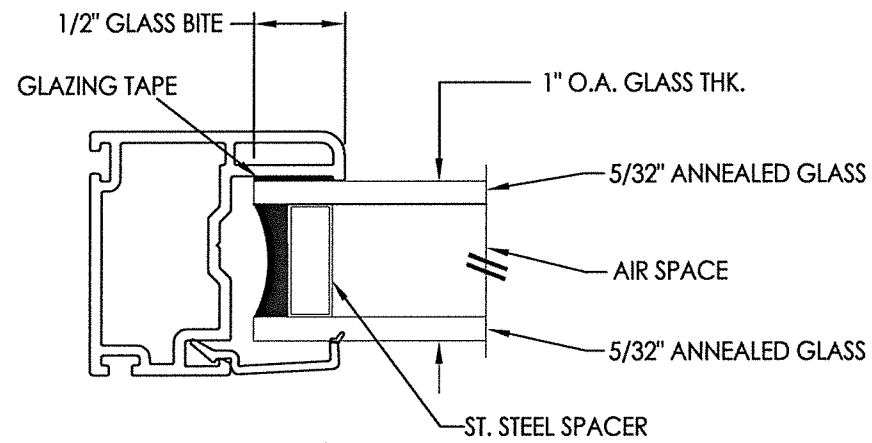
PRODUCT:		PART OR ASSEMBLY:	
SUNRISE WINDOWS		COMPONENTS	
NO.	DATE	REVISIONS	
		ADD	FRAME SIZES
1	2/16/21	LFS	BY
DATE: 12/11/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-26910.13			
SHEET 4 OF 5			

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 DeWALT 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 2-1/2" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 3-3/4" PFH DeWALT 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
L	#8 X 3" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
M	#8 X 1-5/8" MODIFIED TRUSS HEAD (7/16" Ø) SMS	STEEL
N	#10 MODIFIED TRUSS HEAD (7/16" Ø) SMS	STEEL
1	HEAD (701A)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (703)*	RIGID PVC
4	SILL (702)*	RIGID PVC
5	STILE (708)*	RIGID PVC
6	KEEPER RAIL (707)*	RIGID PVC
7	LOCK RAIL (706)*	RIGID PVC
8	BOTTOM LIFT RAIL (705)*	RIGID PVC
9	PULL RAIL (715)*	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
14	LOCK RAIL REINFORCEMENT (948)	COMPOSITE
15	STILE/RAIL REINFORCEMENT (952)	COMPOSITE
19	SILL RISER (719)*	RIGID PVC
20	JAMB REINFORCEMENT (970)	STEEL
24	BULB GASKET (AMESBURY)	FOAM

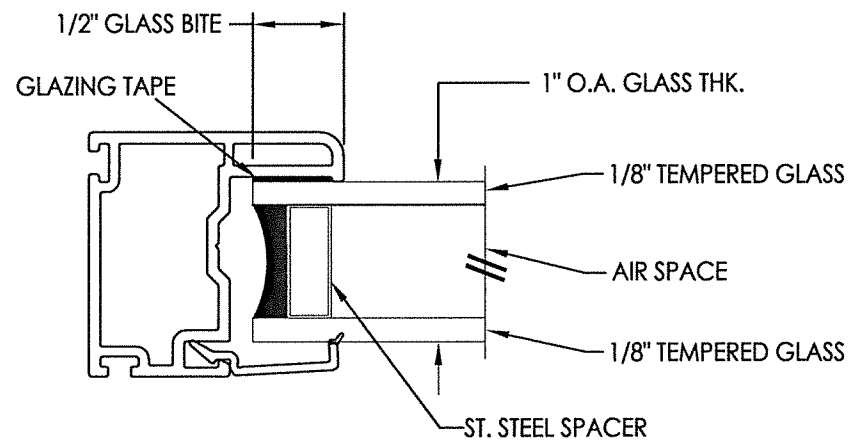
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



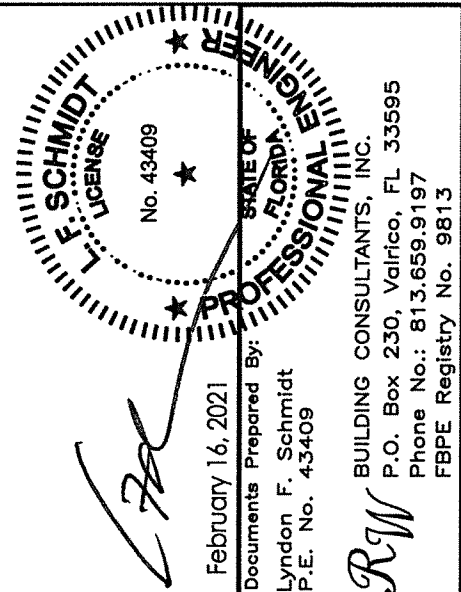
G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL



<u>PRODUCT:</u> SUNRISE WINDOWS						<u>PART OR ASSEMBLY:</u> BILL OF MATERIALS AND GLAZING DETAILS					
										LFS	
										BY	
DATE: 12/11/20											
SCALE: N.T.S.											
DWG. BY: RW											
CHK. BY: LFS											
DRAWING NO.: FL-26910.13											
SHEET 5 OF 5											