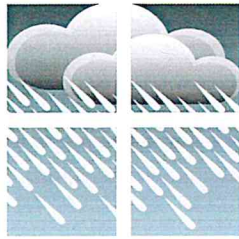


Z:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26909 - Horizontal Slider Window\C - Drawings\FL 26909 (2020)\FL-26909.9.dwg



**COASTAL
PERFORMANCE**
by Sunrise Windows, LTD.

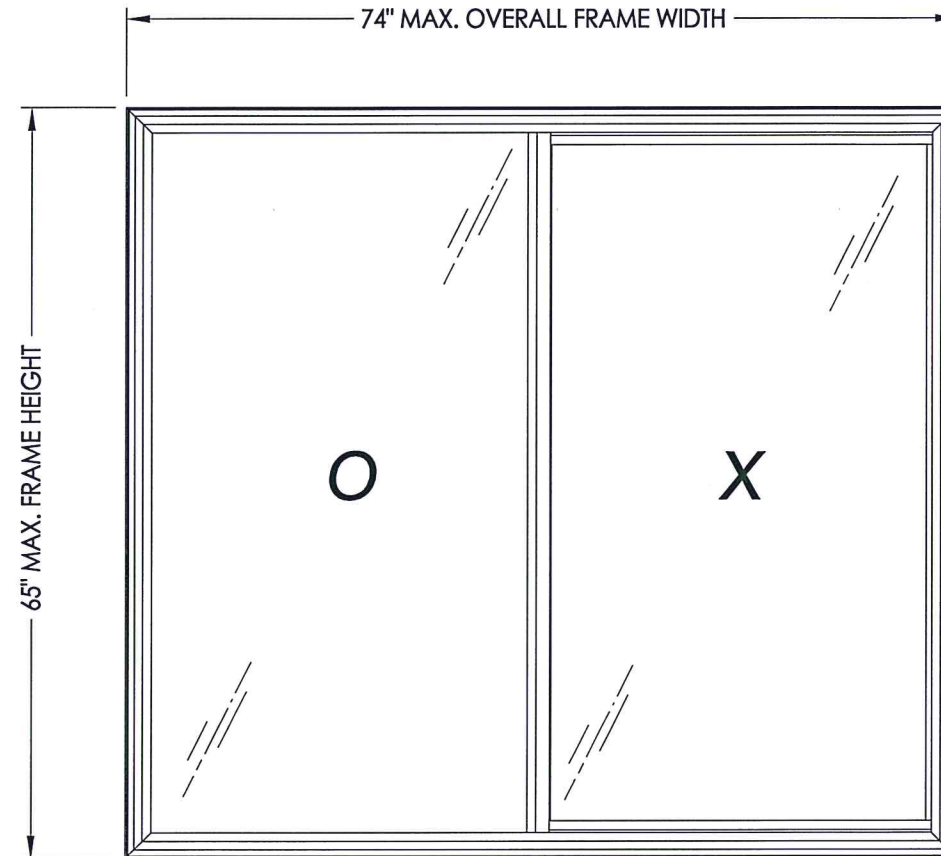
Coastal Performance Horizontal Sliding Window "NON-IMPACT"

GENERAL NOTES

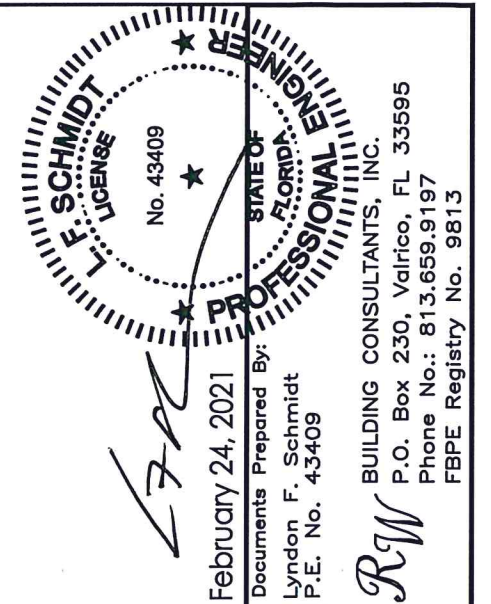
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Buck & frame anchoring
4	Components
5	Bill of materials and glazing details



MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
72.0" X 65.0"	32.5" X 58.5"	32.5" X 60.5"	G1	+55.0	-60.0
74.0" X 65.0"	33.5" X 58.5"	33.5" X 60.5"	G1, G2	+50.0	-50.0



February 24, 2021

Documents Prepared By:

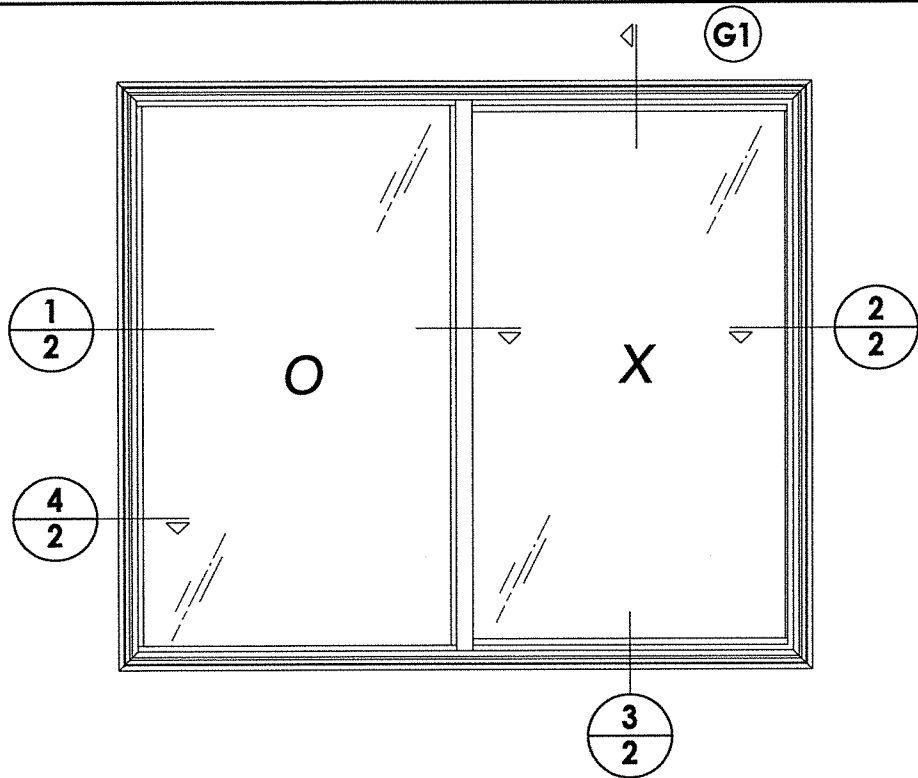
Lyndon F. Schmidt

P.E. No. 43409

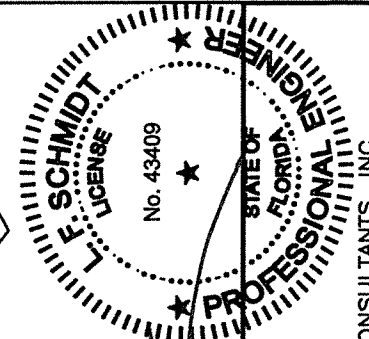
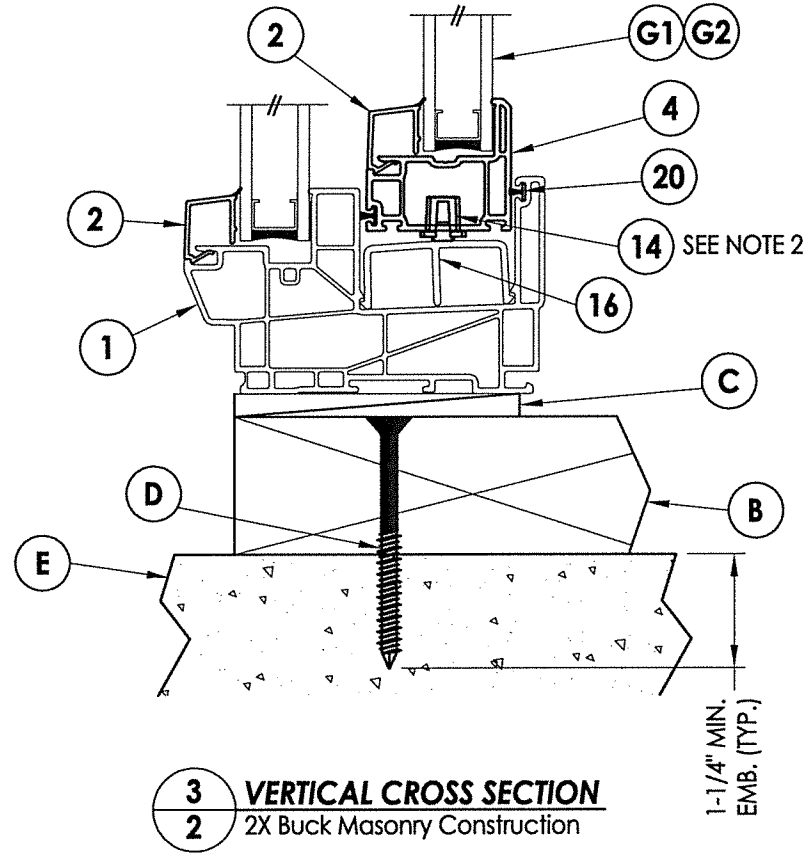
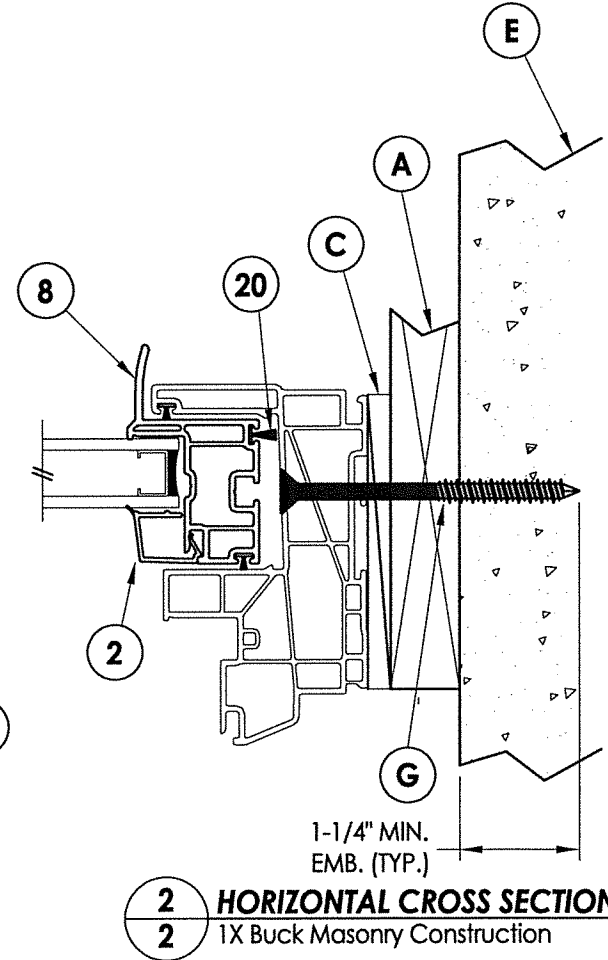
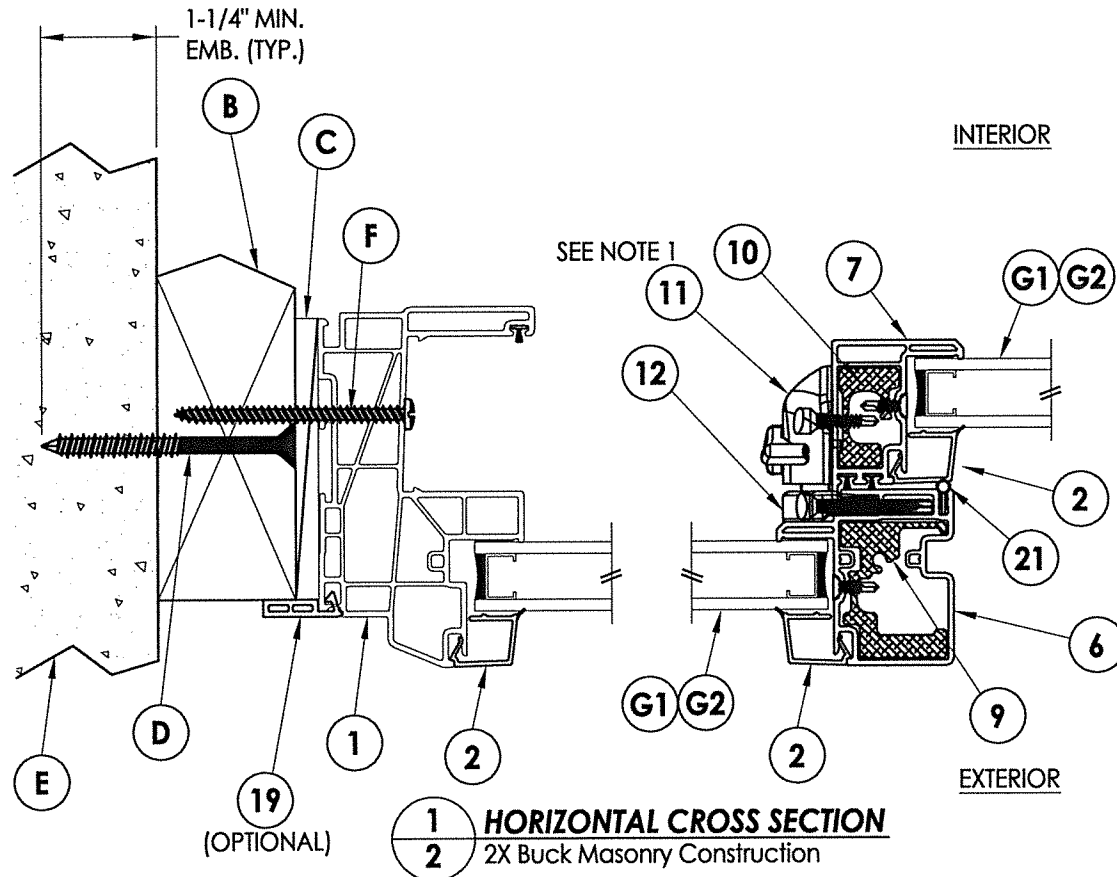
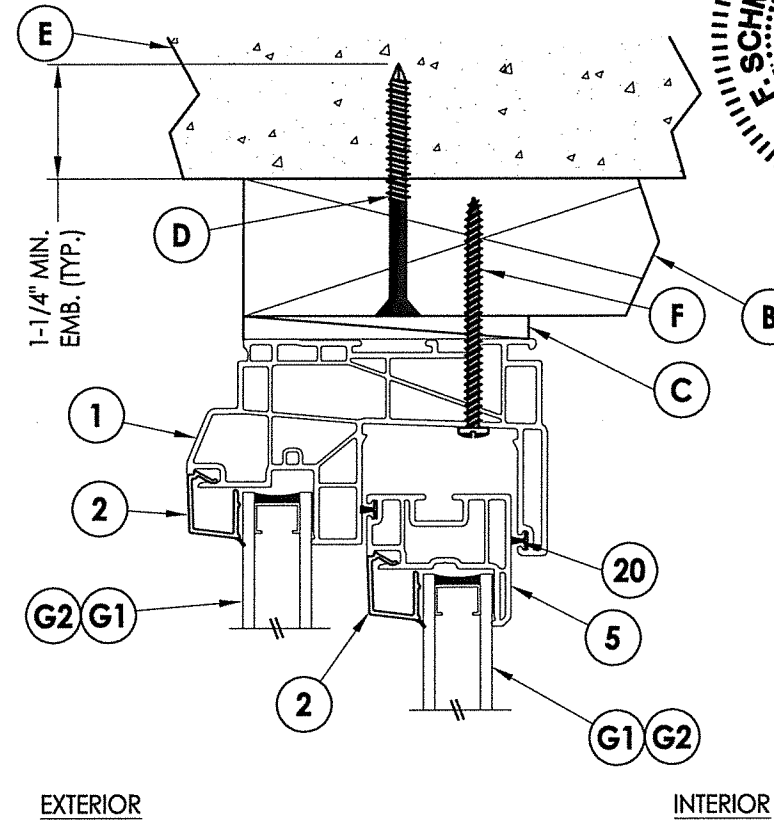
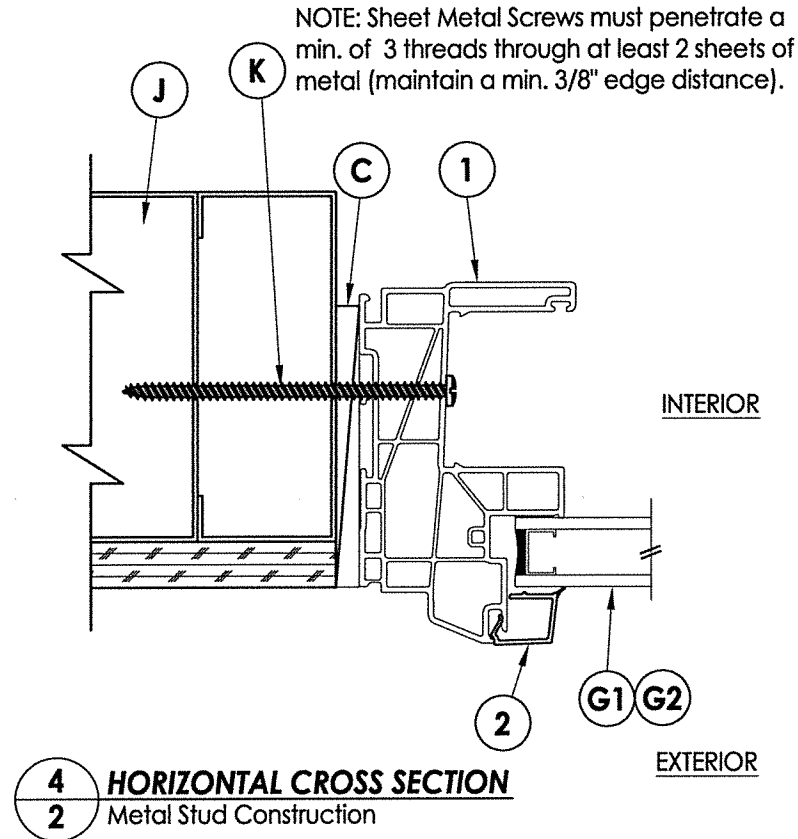
PRODUCT: SUNRISE WINDOWS
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
2	2/16/21	ADD FRAME FOR NEW TESTING
1	7/27/20	UPDATE TO 7TH ED (2020) FBC

DATE: 10/10/19
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-26909.9
SHEET 1 OF 5



- NOTES:
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.

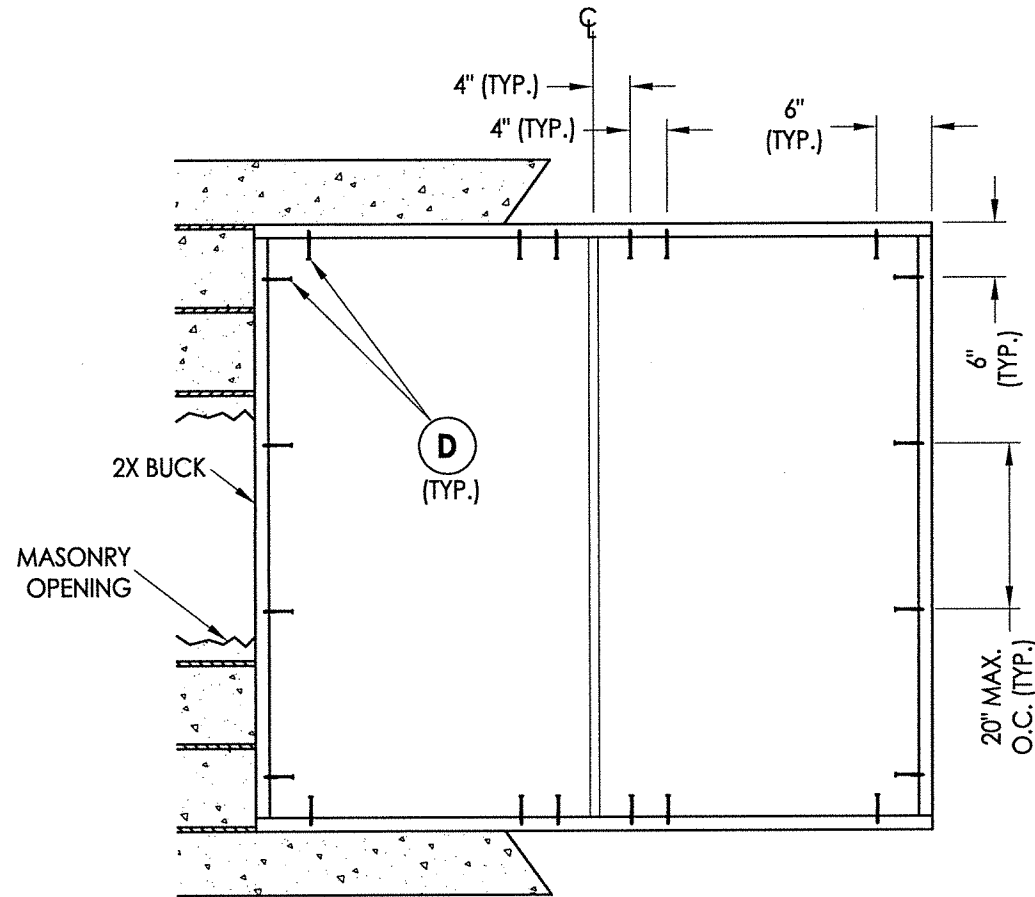


February 24, 2021
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

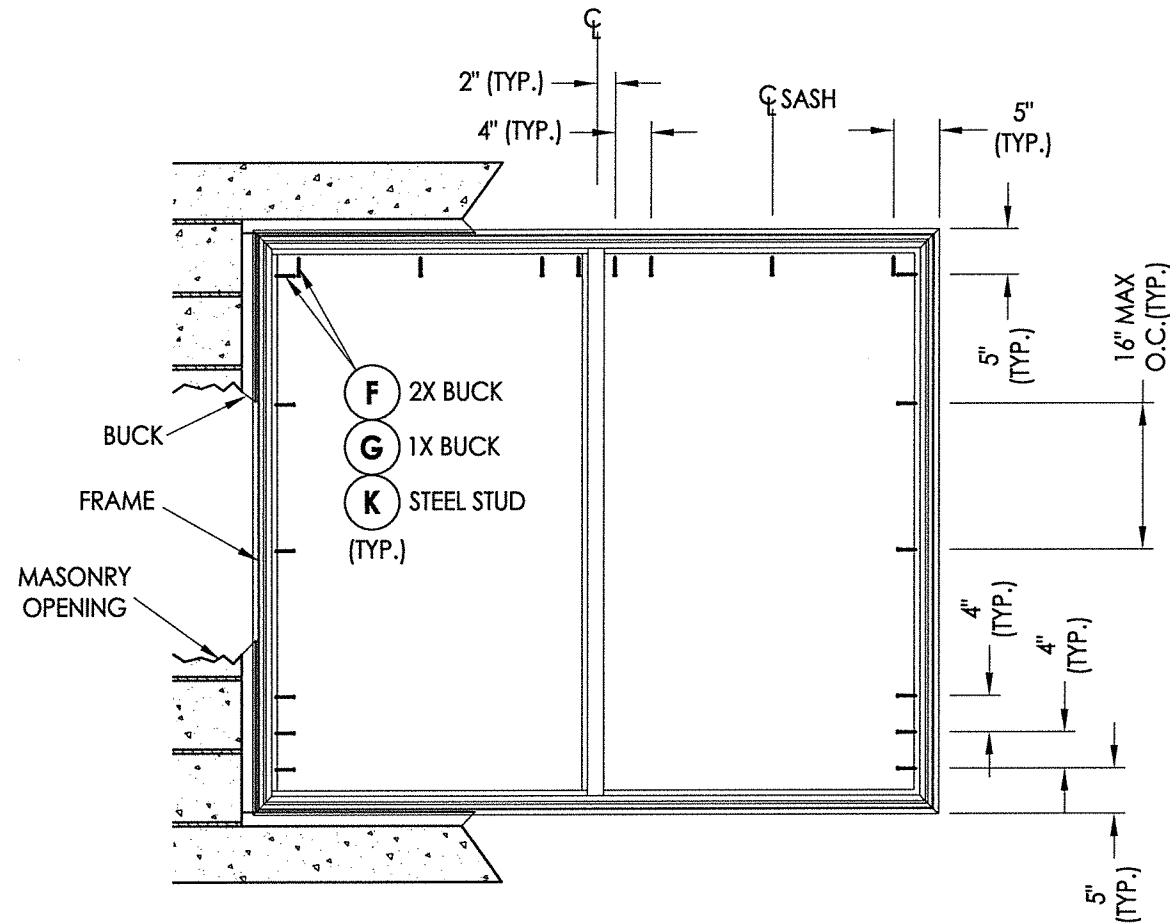
PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

REVISIONS		DATE	BY
2	2/16/21	ADD FRAME FOR NEW TESTING	LFS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
NO.	DATE		
DATE: 10/10/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.9			
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"
DeWALT 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.

FLORIDA
STATE ENGINEER
L. F. SCHMIDT
No. 43409

February 24, 2021

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

February 24, 2021

PROFESSIONAL ENGINEER
R. W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

February 24, 2021

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY: BUCK & FRAME ANCHORING

2/16/21 ADD FRAME FOR NEW TESTING

7/27/20 UPDATE TO 7TH ED (2020) FBC

NO. DATE

BY

DATE: 10/10/19

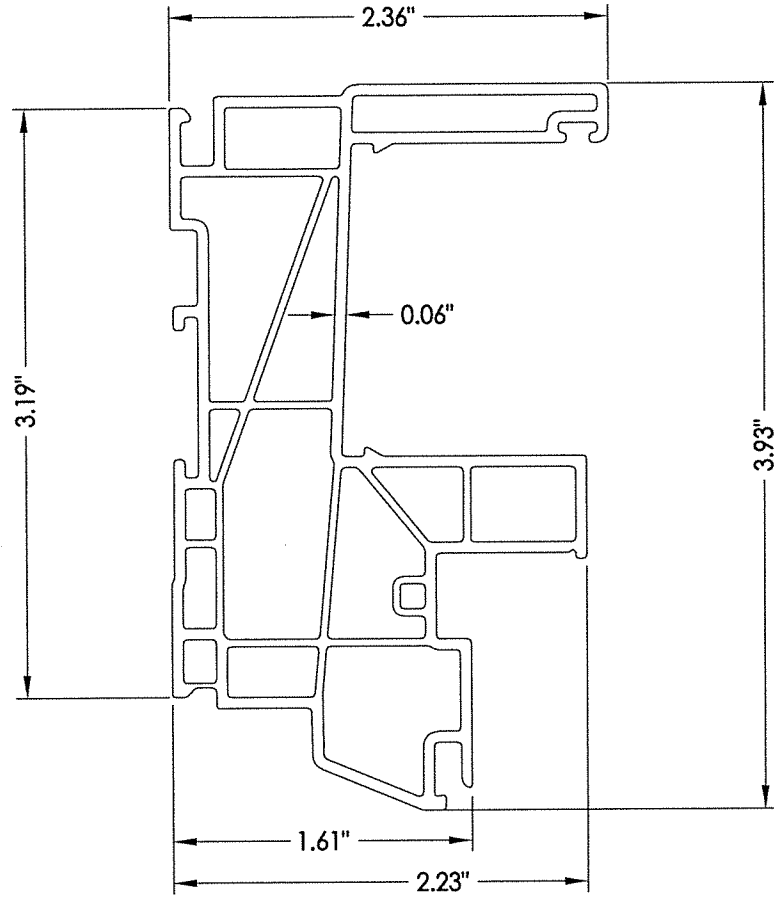
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DWG. BY: TRJ

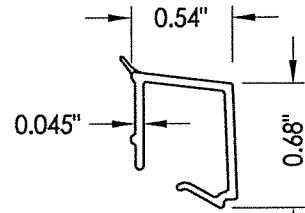
CHK. BY: LFS

DRAWING NO.: FL-26909.9

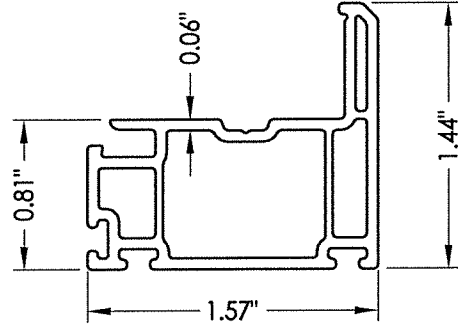
SHEET 3 OF 5



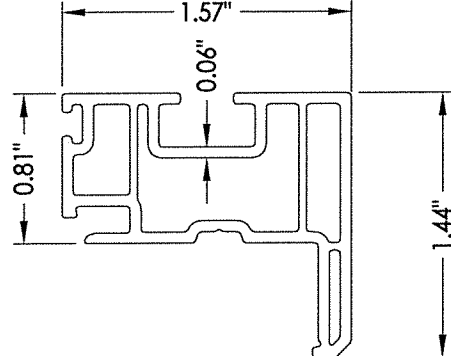
1 FRAME



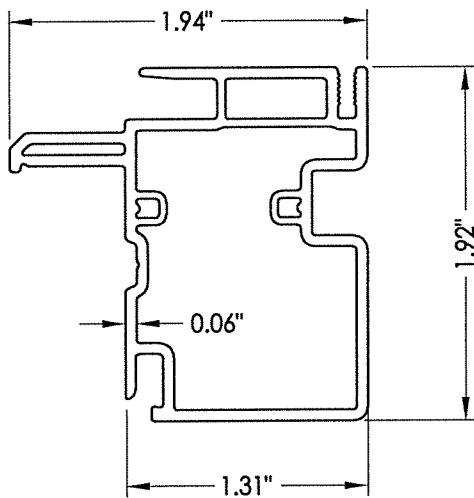
2 GLAZING BEAD



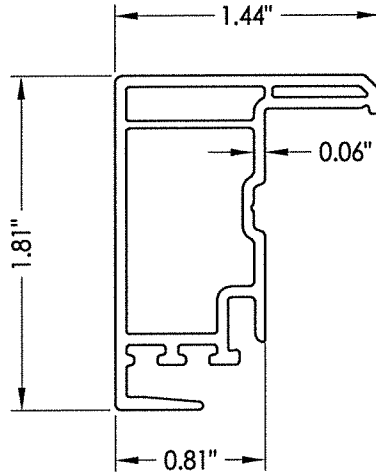
4 BOTTOM RAIL



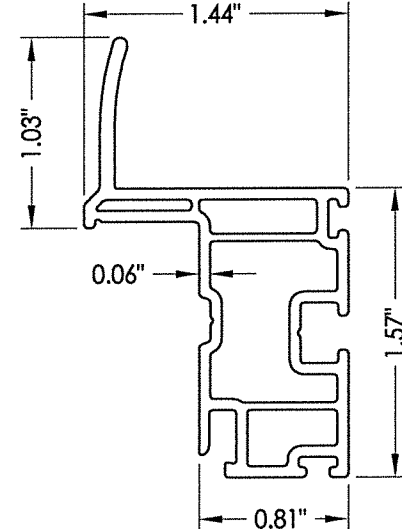
5 TOP RAIL



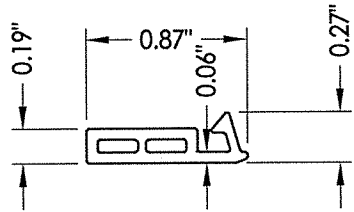
6 MEETING STILE



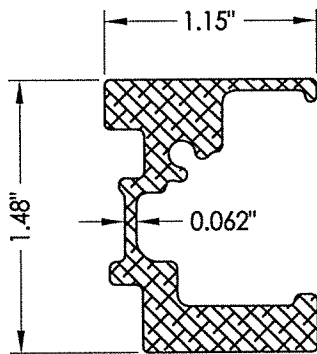
7 LOCK STILE



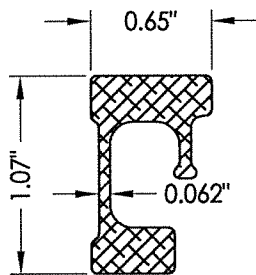
8 HANDLE STILE



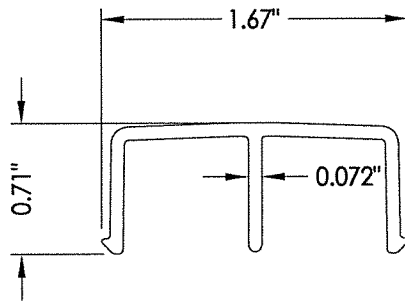
19 FLORIDA FLANGE
(Optional)



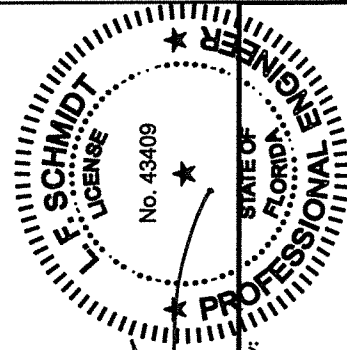
9 MEETING STILE REINFORCEMENT



10 LOCK STILE REINFORCEMENT



16 ROLLER TRACK



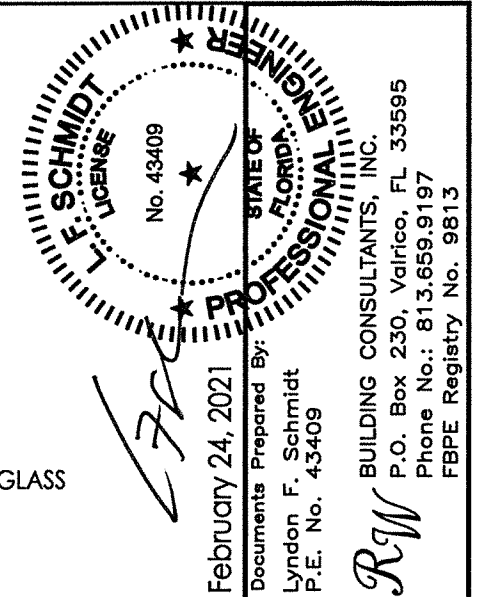
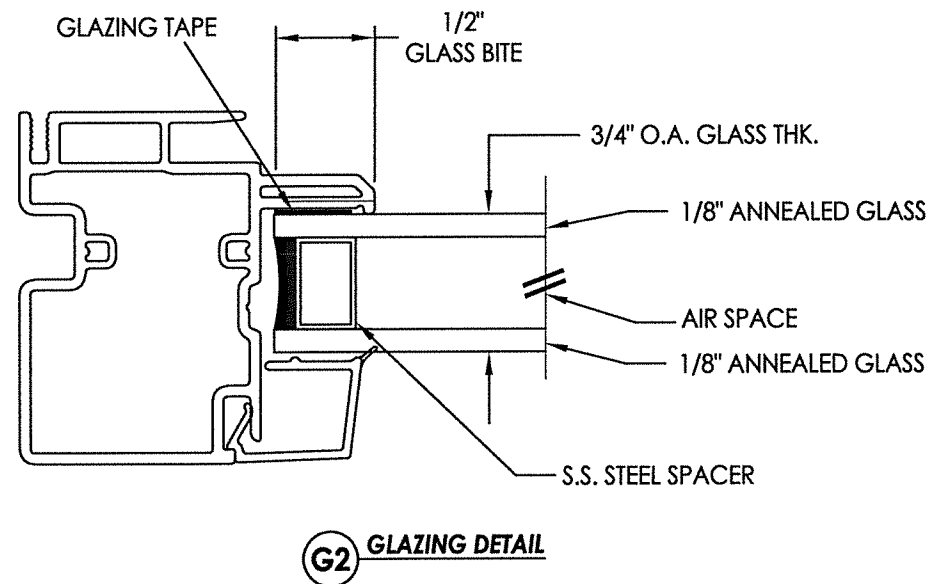
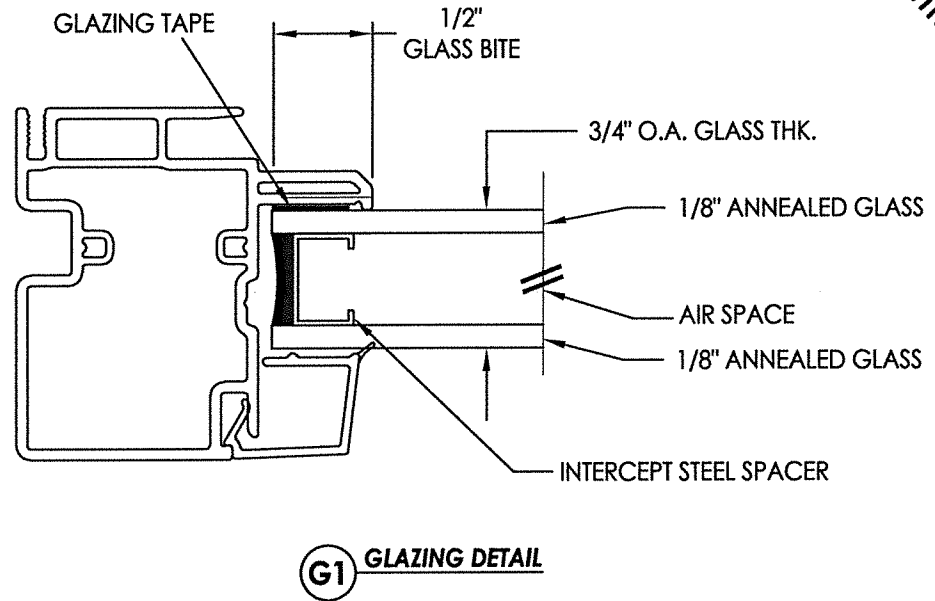
February 24, 2021
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		COMPONENTS	
REVISIONS		NO.	DATE
2	2/16/21 ADD FRAME FOR NEW TESTING	LFS	
1	7/27/20 UPDATE TO 7TH ED (2020) FBC	LFS	
		BY	
DATE: 10/10/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.9			
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 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 (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" 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
1	EXTRUDED VINYL FRAME (1834)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (1866A)*	RIGID PVC
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
19	FLORIDA FLANGE (1859)*	RIGID PVC
20	WEATHERSTRIP (.187" X .290")	-
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".

[illegible]