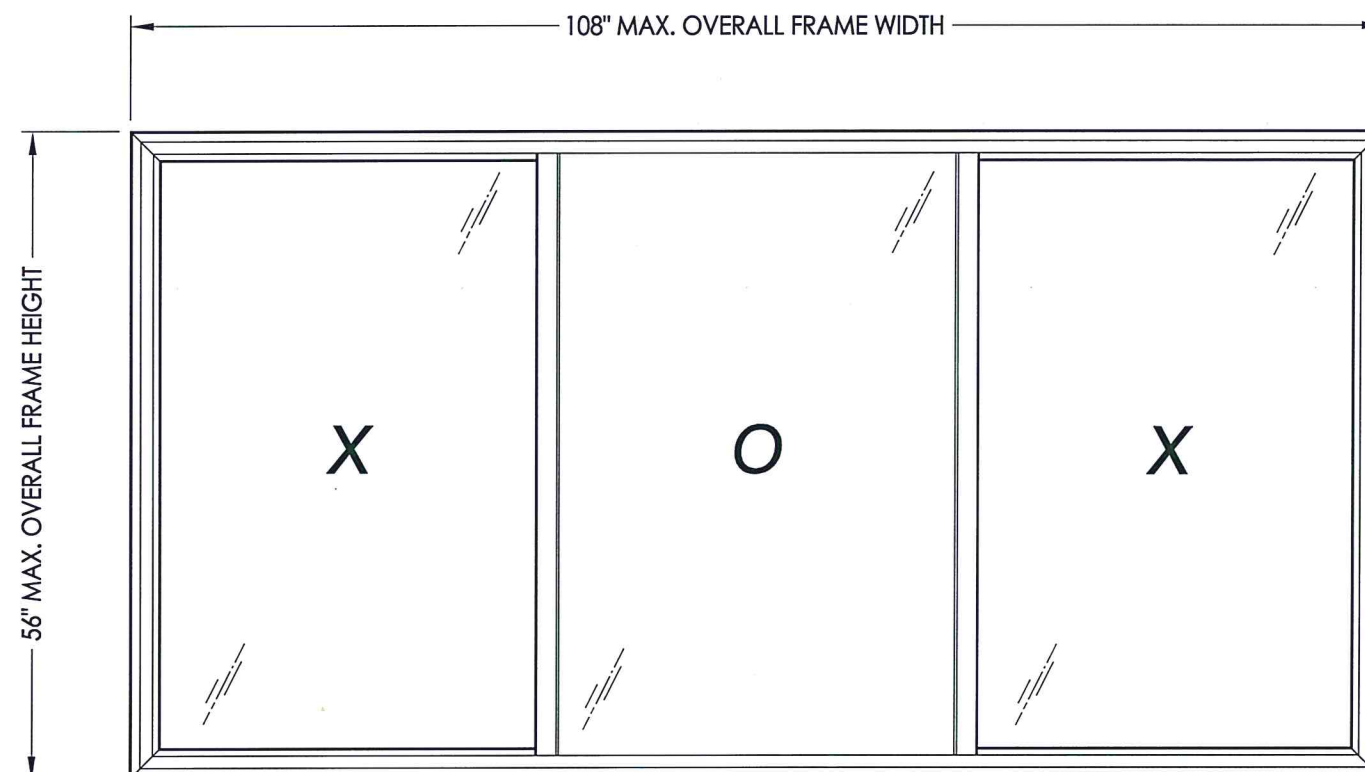




GENERAL NOTES

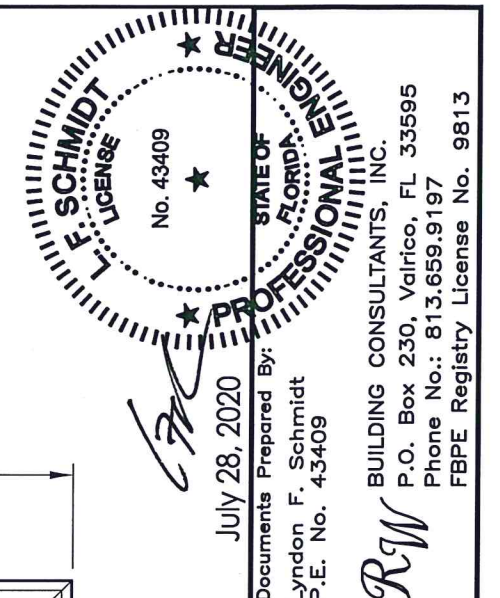
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.
108.0" X 56.0"	32.5" X 50.63"	33.25" X 50.63"	G1	+20.0	-50.0
108.0" X 56.0"	32.5" X 50.63"	33.25" X 50.63"	G1	+35.0*	-50.0

* REQUIRES MODIFIED WEEP HOLES (PER MANUFACTURER) FOR POSITIVE DESIGN PRESSURES > 20 PSF.



July 28, 2020

Documents Prepared By:
 -yndon F. Schmidt
 P.E. No. 43409

R²W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
Phone No.: 813.659.9197
FBPE Registry License No. 9

PRODUCT: SUNRISE WINDOWS

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

[illegible]

DATE: 12/5/19

SCALE: *N.T.S.*

DWG. BY: *TRJ*

CHK. BY: *LFS*

DRAWING NO.:

FL-26909.12

SHEET 1 OF 5

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).

1-1/4" MIN.
EMB. (TYP.)

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

SEE NOTE 1

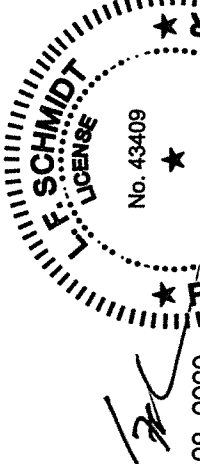
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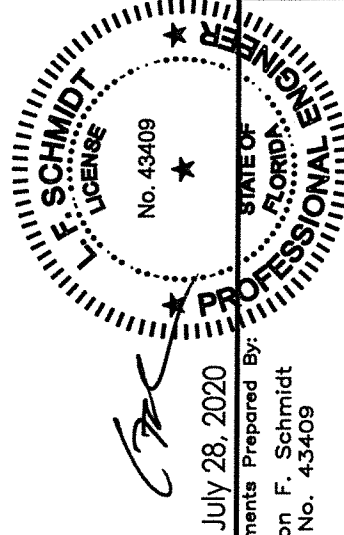
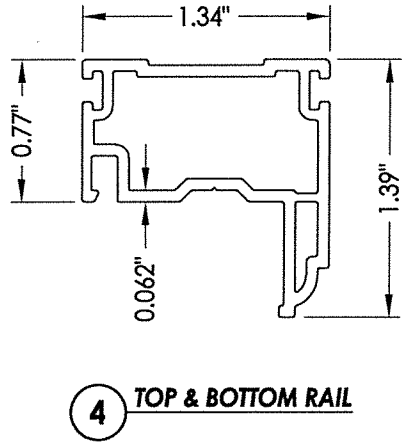
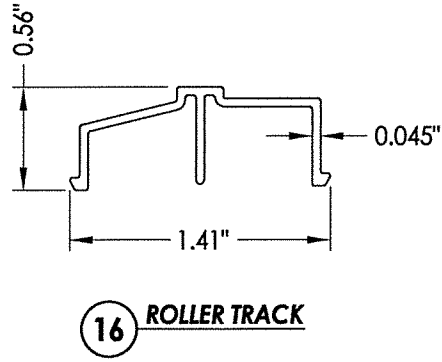
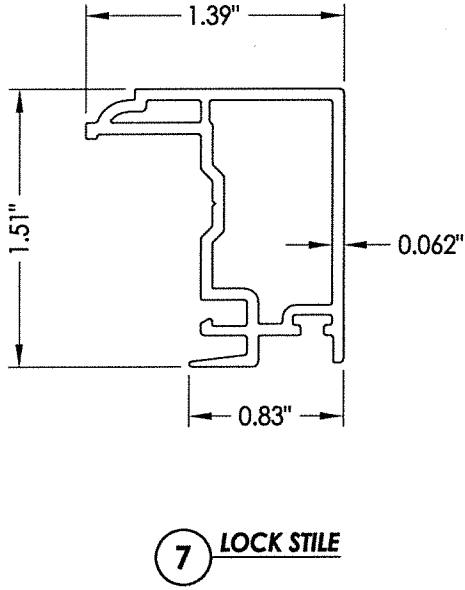
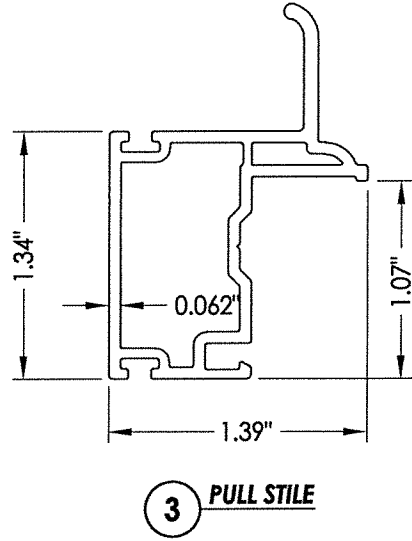
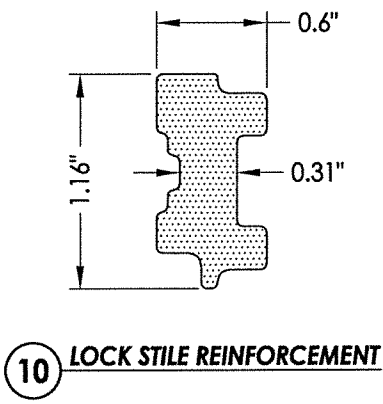
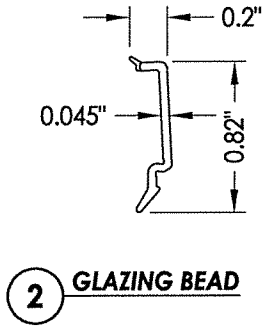
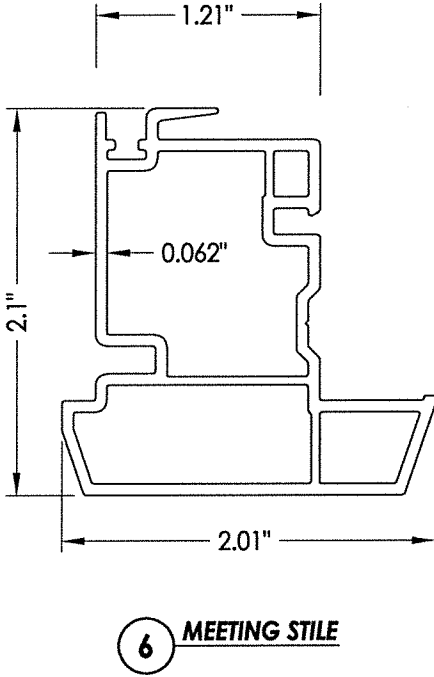
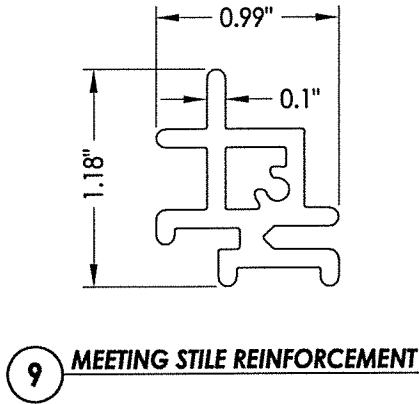
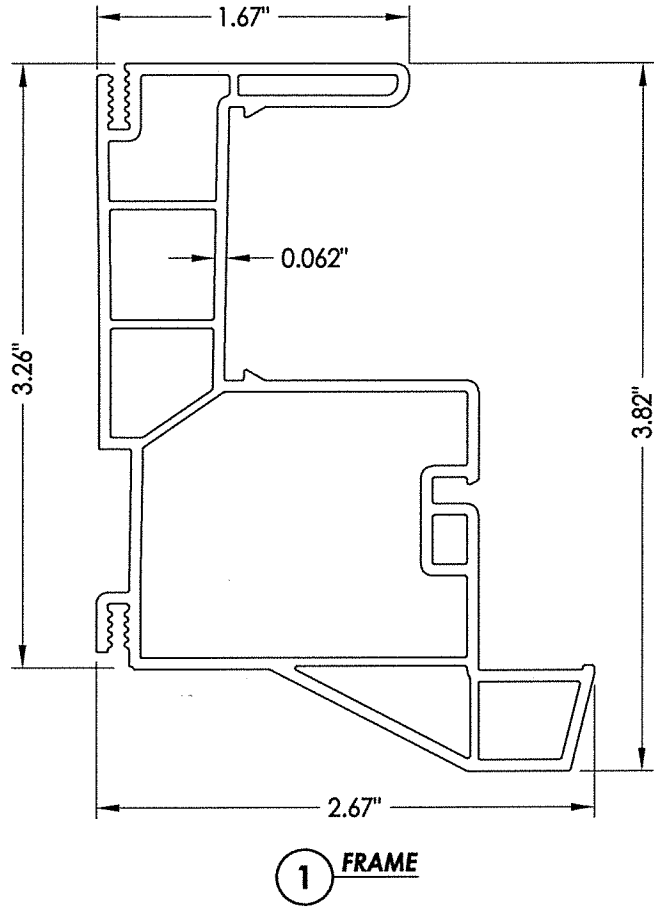
1-1/4" MIN.
EMB. (TYP.)

A, B, C, D, E, F, G, 1, 4, 14, 16, 20, G1

1-1/4" MIN.
EMB. (TYP.)

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

1-1/4" MIN. EMB. (TYP.)  C  B	 <i>[Signature]</i> July 28, 2020	STATE OF FLORIDA PROFESSIONAL ENGINEER 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	<i>RW</i>									
DATE: 12/5/19 SCALE: N.T.S. DWG. BY: TRJ CHK. BY: LFS DRAWING NO.: FL-26909.12 SHEET <u>2</u> OF <u>5</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO.</th> <th style="width: 20%;">DATE</th> <th style="width: 70%;">REVISIONS</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">7/27/20</td> <td>UPDATE TO 7TH ED (2020) FBC LFS</td> </tr> <tr> <td> </td> <td> </td> <td>BY</td> </tr> </tbody> </table>	NO.	DATE	REVISIONS	1	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS			BY	REVISONS
NO.	DATE	REVISIONS									
1	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS									
		BY									



July 28, 2020

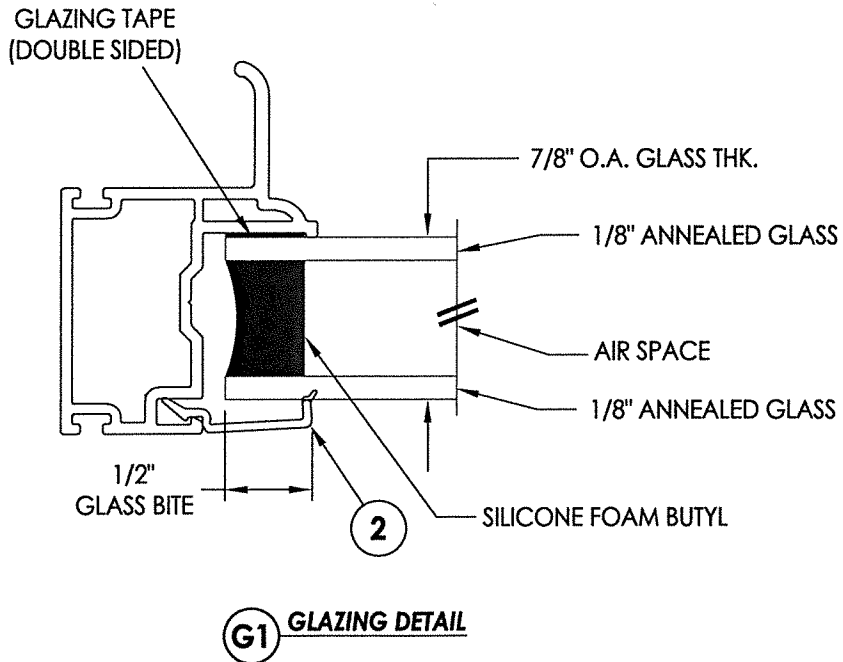
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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:		COMPONENTS	
NO.	DATE	REVISIONS	BY
			LFS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	FBC
DATE: 12/5/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26909.12			
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 (784F)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (716A)*	RIGID PVC
3	EXTRUDED VINYL PULL STILE (915)*	RIGID PVC
4	EXTRUDED VINYL TOP & BOTTOM RAIL (909)*	RIGID PVC
6	EXTRUDED VINYL MEETING STILE (777)*	RIGID PVC
7	EXTRUDED VINYL LOCK STILE (906)*	RIGID PVC
9	MEETING STILE REINFORCEMENT (739)	ALUM
10	LOCK STILE REINFORCEMENT (948)	COMPOSITE
11	SASH LOCK	-
12	KEEPER	-
14	ROLLER	-
16	ROLLER TRACK (747)*	RIGID PVC
20	WEATHERSTRIP	-

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



		July 28, 2020	
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: BILL OF MATERIALS AND GLAZING DETAILS	
DATE: 12/5/19		SCALE: N.T.S.	
DWG. BY: TRJ		CHK. BY: LFS	
DRAWING NO.: FL-26909.12		SHEET 5 OF 5	
REVISIONS		NO. DATE	
1 7/27/20 UPDATE TO 7TH ED (2020) FBC		LFS	
NO. DATE		BY	