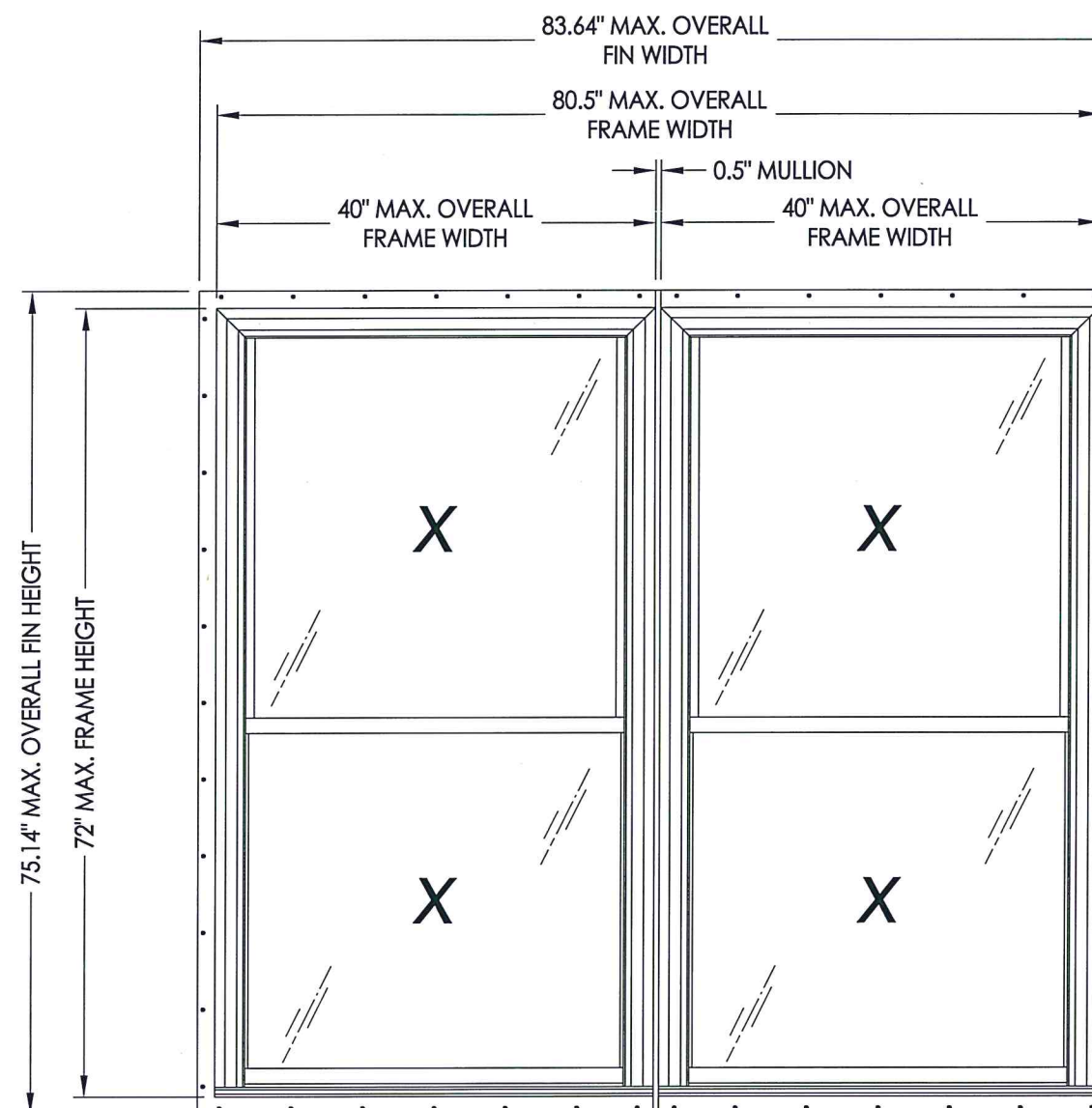




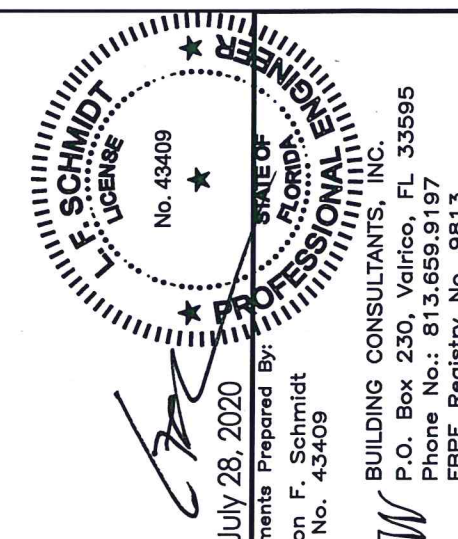
***Coastal Performance
Twin Mulled Double Hung Window
w/ Nailing Fin
"IMPACT"***

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. 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 & cross sections
3	Horizontal cross sections
4	Buck & frame anchoring
5	Mullion details & cross section
6	Components
7	Bill of materials, components & glazing details



MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
83.64" X 75.14"	80.5" X 72.0"	34.0" x 32.38"	G1	+50.0	-50.0



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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

[illegible]

DATE: 4/17/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-26910.3

SHEET 1 OF 7

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

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

RW
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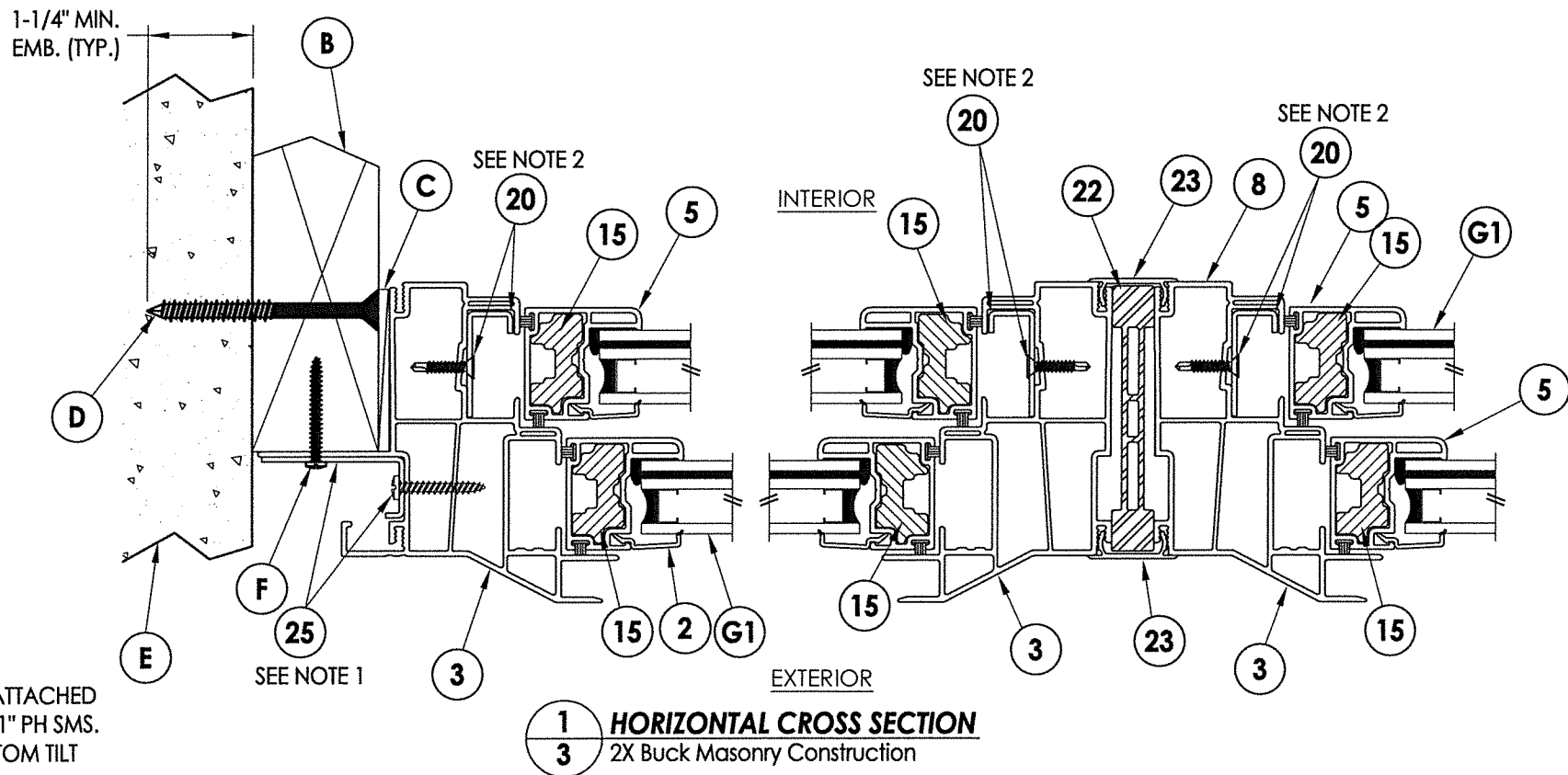
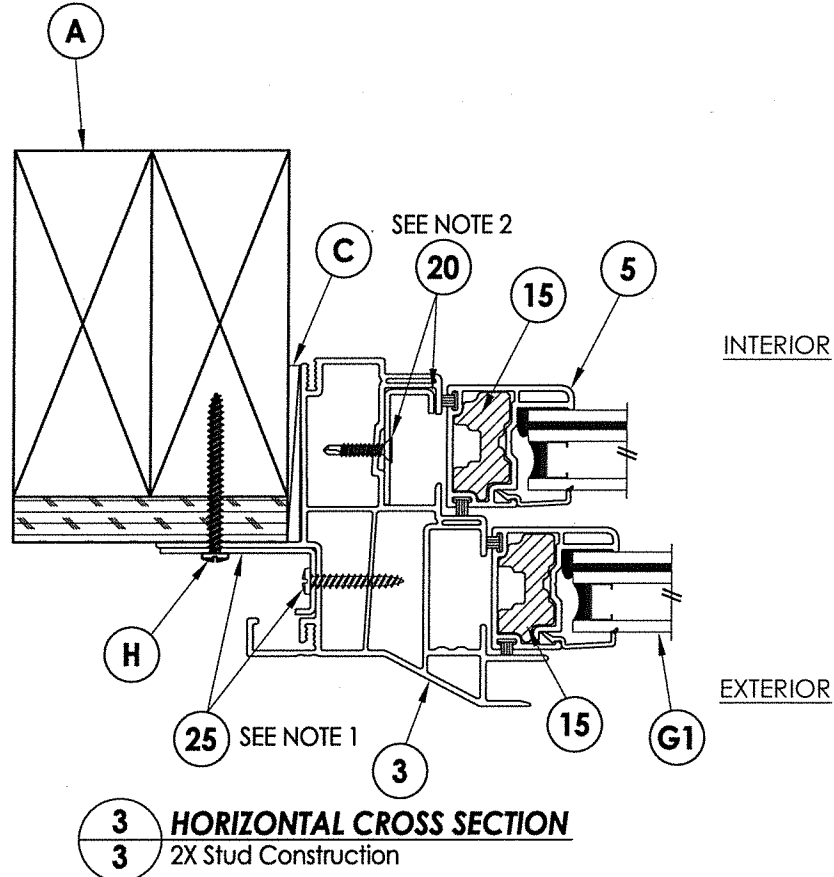
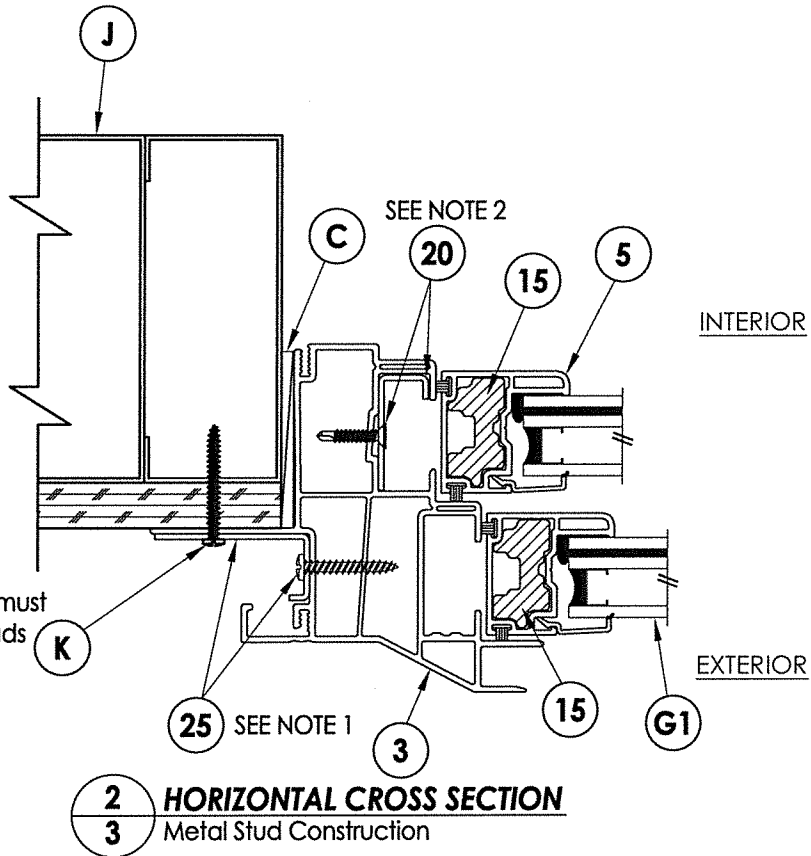
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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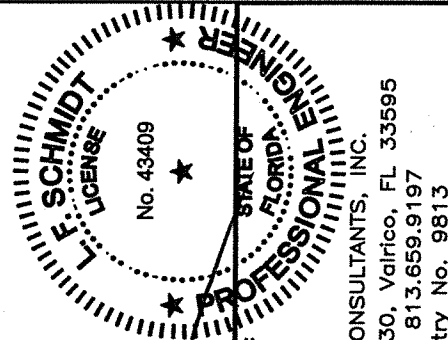
DATE:	4/17/18
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-26910.3
SHEET	2 OF 7

R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26910 - Double Hung Window\C - Drawings\FL 26910 (2020)\FL-26910.3.dwg, 3.3

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



- NOTES:
1. 24" LONG "J"-CHANNEL REINFORCEMENT ATTACHED @ CENTERLINE OF EACH JAMB w/ (3) #8 x 1" PH SMS.
 2. JAMB REINFORCEMENT ATTACHED @ BOTTOM TILT LATCH POSITION w/ (1) #8 x 3/4" FH SMS.



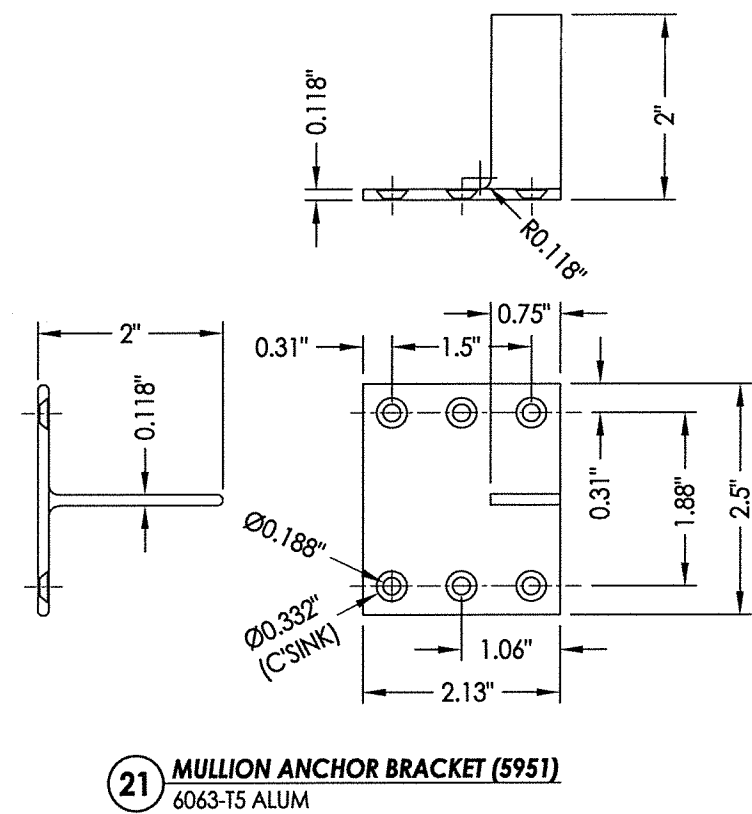
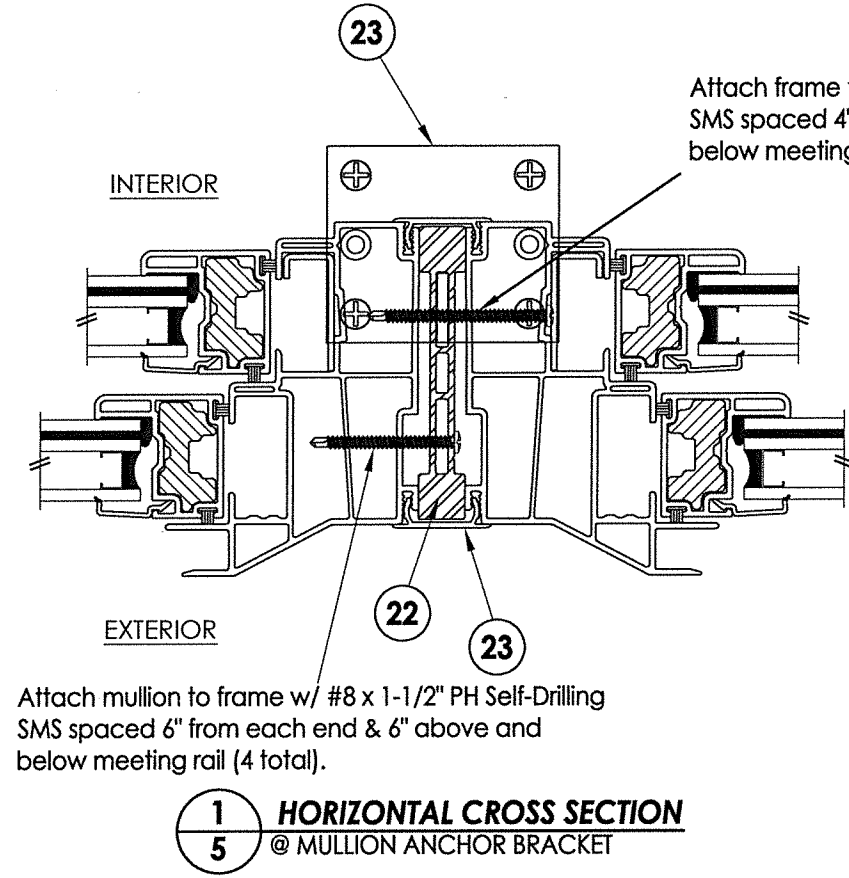
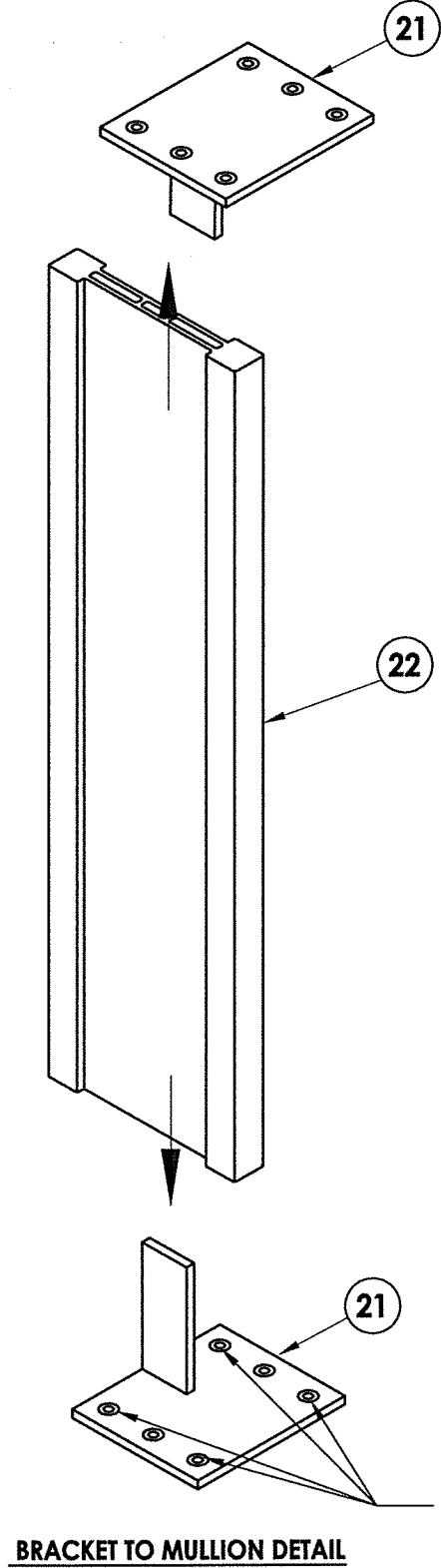
July 28, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
NO.	DATE		BY
REVISIONS			
DATE: 4/17/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26910.3			
SHEET 3 OF 7			

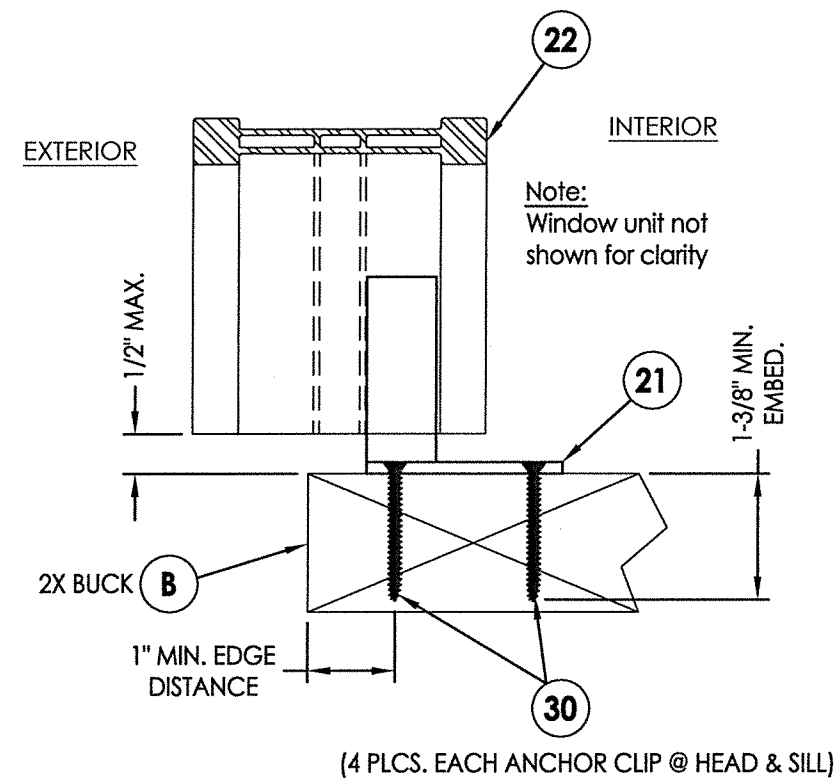
Diagram illustrating a section of a window assembly. The assembly consists of a frame (labeled FRAME) installed within a masonry or 2x stud/steel opening (labeled MASONRY OR 2X STUD/STEEL OPENING). The frame is supported by a 2x buck (labeled F), a 2x stud (labeled H), and steel (labeled K). The frame is anchored into the masonry using mullion anchor clips (labeled SEE MULLION ANCHOR CLIP DETAIL (SHEET 5)). The frame is shown with a 7" MAX. O.C. (TYP.) spacing. The masonry or 2x stud/steel opening is shown with a 7" MAX. O.C. (TYP.) spacing. The frame is shown with a 2" (TYP.) spacing. The frame is shown with a 2" (TYP.) spacing.

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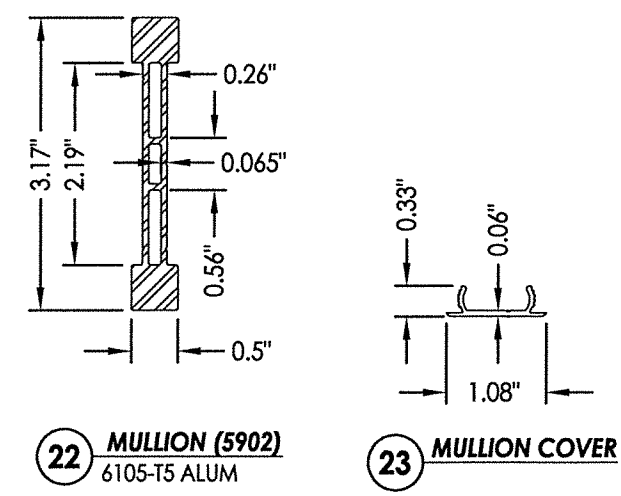
R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26910 - Double Hung Window\C - Drawings\FL 26910 (2020)\FL-26910.3.dwg, 5.3



Attach frame to mullion w/ #8 x 2" PH Self-Drilling SMS spaced 4" from each end & 4" above and below meeting rail (4 total).



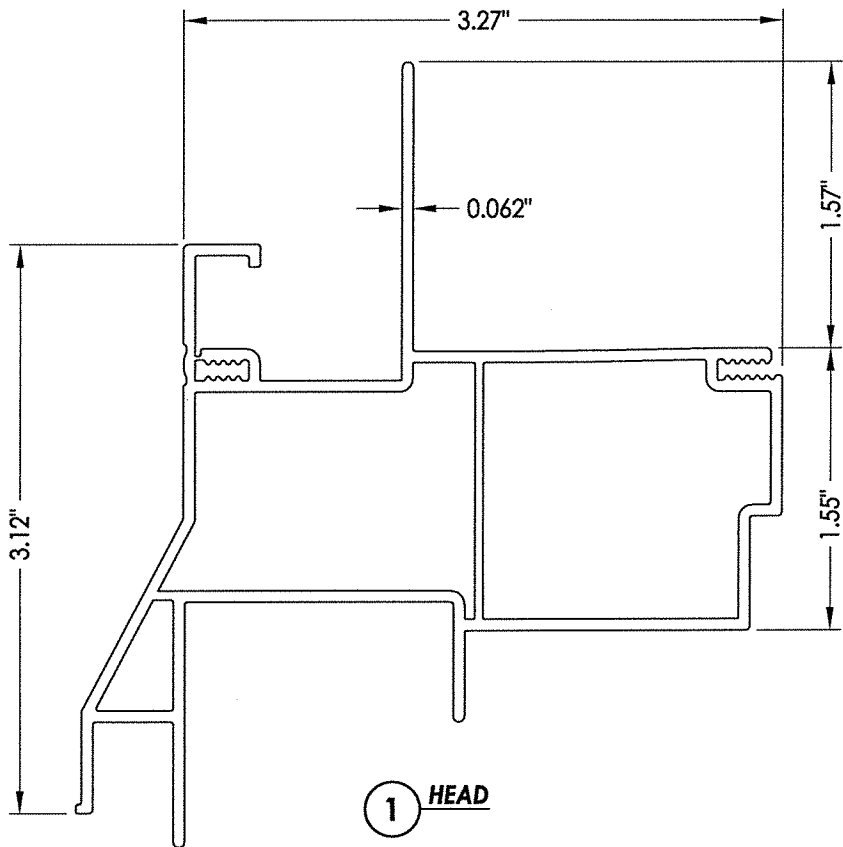
MULLION ANCHOR CLIP DETAIL



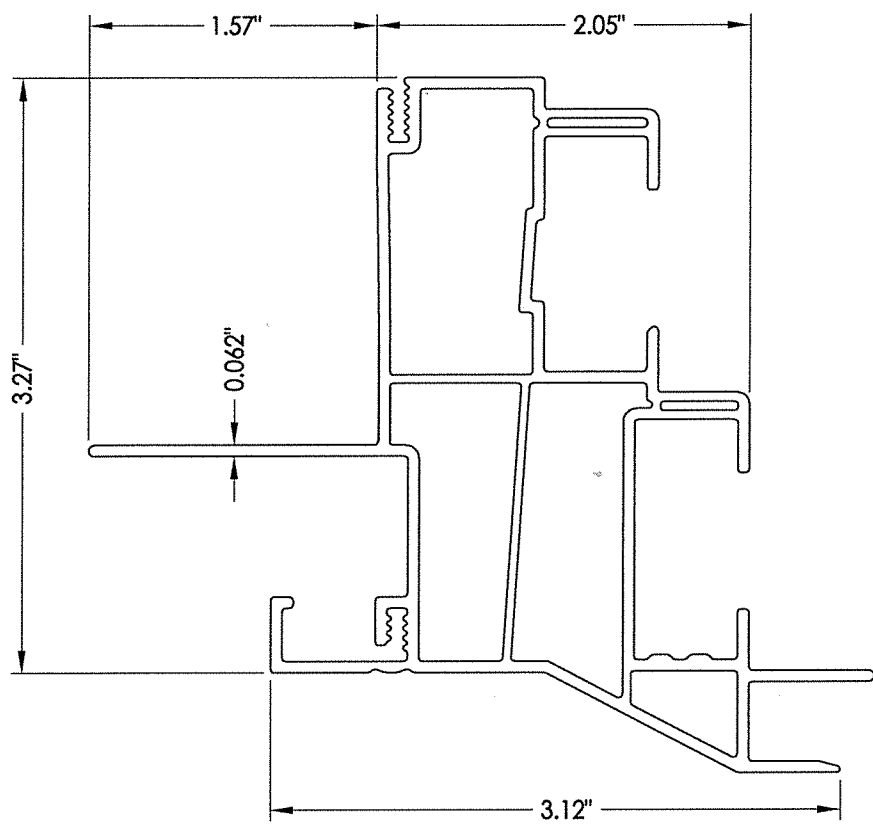
Professional Engineer
F. SCHMIDT
No. 43409
July 28, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

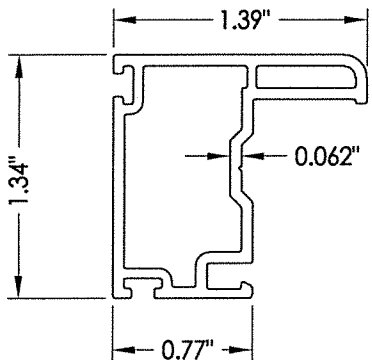
PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		MULLION DETAILS & CROSS SECTION	
DATE	NO.	DATE	NO.
4/17/18	1	7/27/20	1
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-26910.3	
SHEET		5 OF 7	



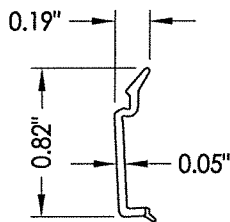
1 HEAD



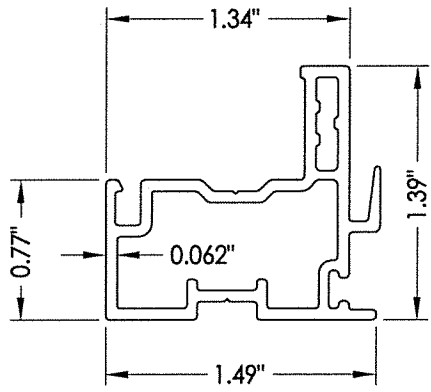
3 JAMB



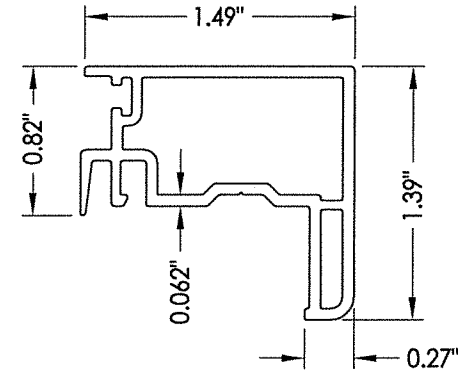
5 STILE



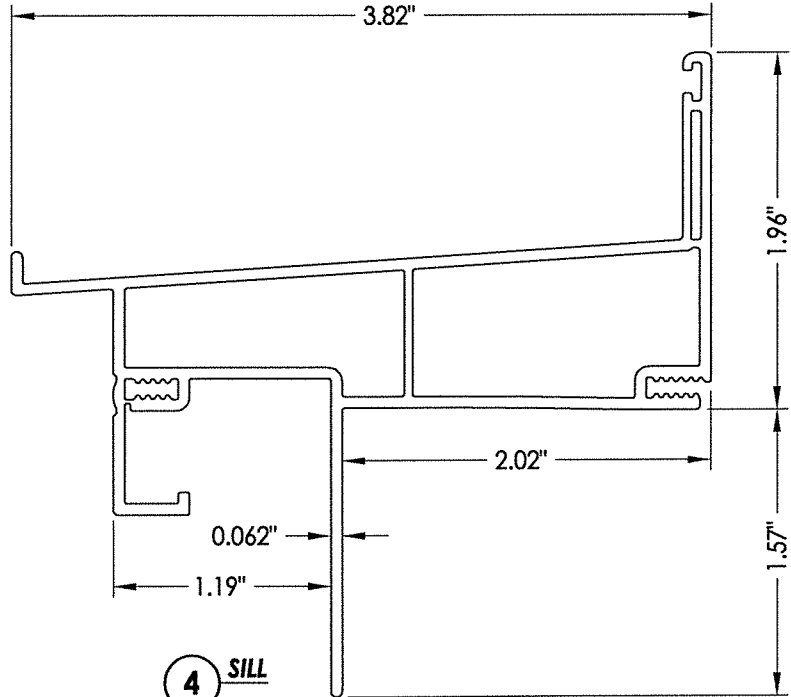
2 GLAZING BEAD



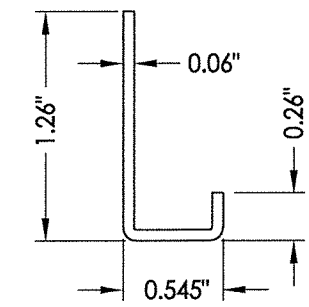
6 KEEPER RAIL



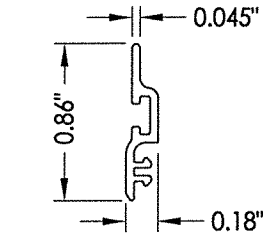
7 LOCK RAIL



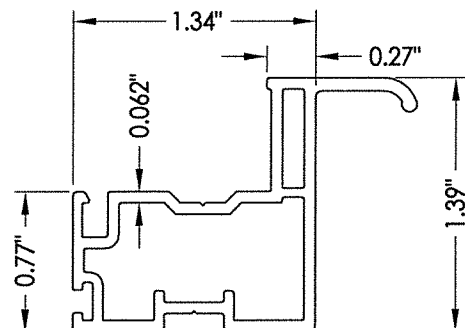
4 SILL



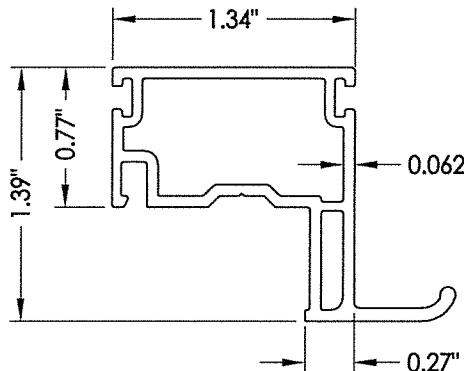
20 JAMB REINFORCEMENT
1" WIDE



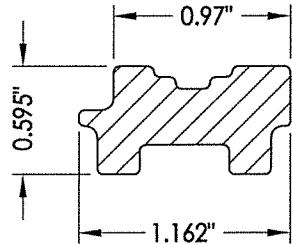
19 SILL RISER



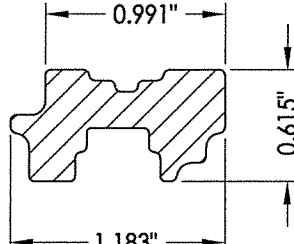
8 BOTTOM LIFT RAIL



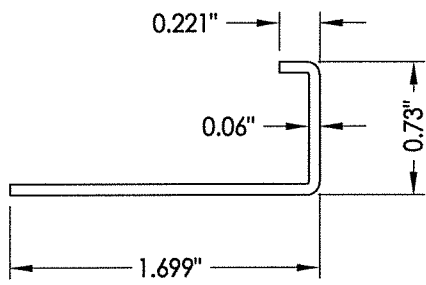
8 PULL RAIL



14 LOCK RAIL REINFORCEMENT



15 STILE/RAIL REINFORCEMENT



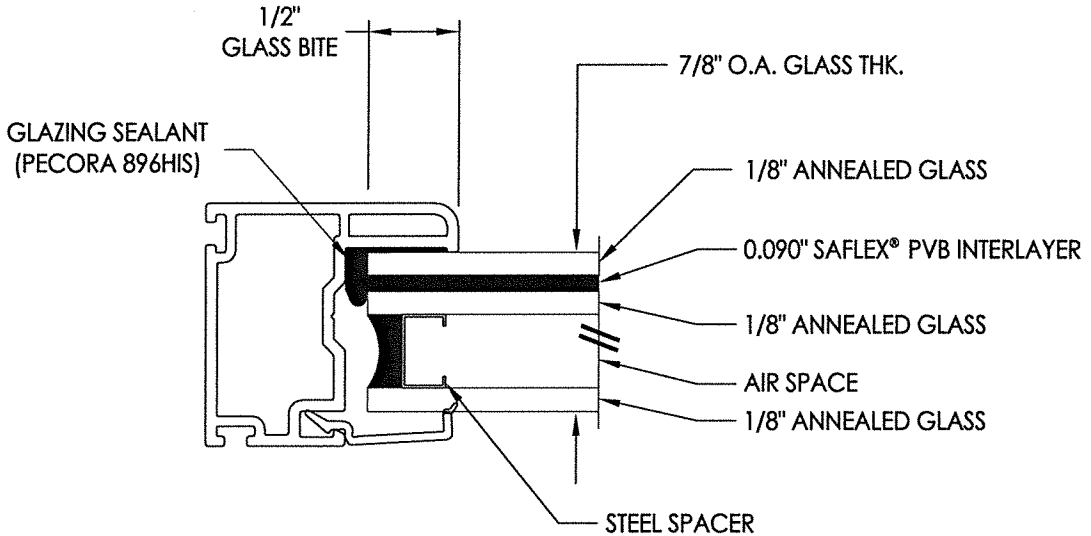
25 J-CHANNEL REINFORCEMENT
24" WIDE

Professional Engineer
F. SCHMIDT
No. 43409
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 No. 9813

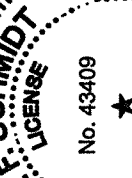
PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		COMPONENTS	
DATE:	4/17/18	NO.	DATE
SCALE:	N.T.S.	1	7/27/20
DWG. BY:	JK	UPDATE TO	7TH ED (2020) FBC
CHK. BY:	LFS	LFS	BY
DRAWING NO.:	FL-26910.3	REVISIONS	
SHEET	6	OF	

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 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	#8 X 1-1/4" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
H	#8 X 1-3/4" PPH SMS (1-3/16" MIN. EMBEDMENT)	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	HEAD (731)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (733)*	RIGID PVC
4	SILL (732)*	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
21	MULLION ANCHOR BRACKET (5951)	6063-T5 ALUM
22	MULLION (5902)	6105-T5 ALUM
23	MULLION COVER (5891)*	RIGID PVC
24	BULB GASKET (AMESBURY)	FOAM
25	J-CHANNEL REINFORCEMENT (975IP)	STEEL
30	#8 FH SMS (1-3/8" MIN. EMBEDMENT)	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".



G1 GLAZING DETAIL



 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 No. 9813

RW

July 28, 2020

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

PARSONS BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197
EBDE Registry No. 0813

[illegible]

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY:

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

DATE: 4/17/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-26910.3

SHEET 7 OF 7