

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

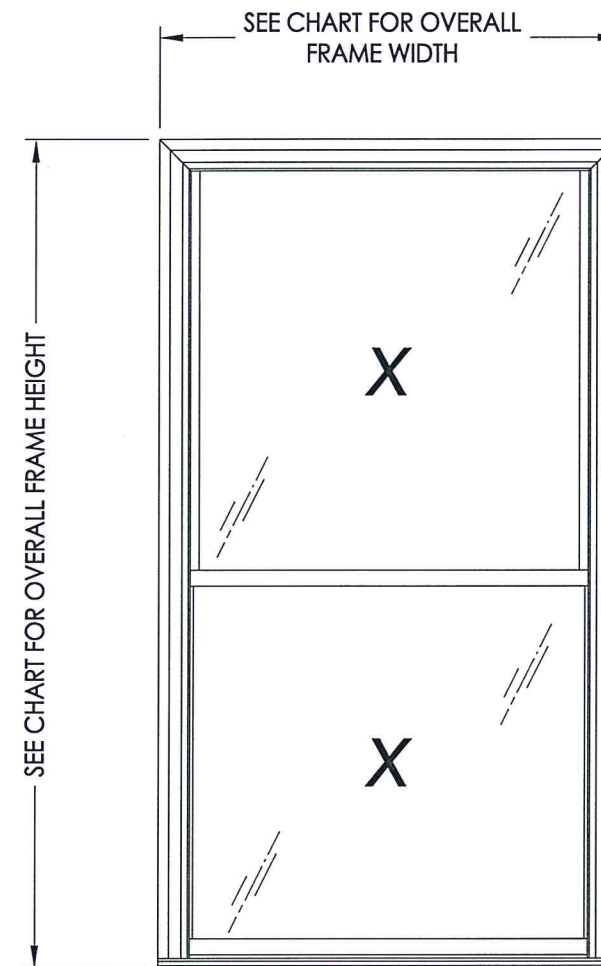
Coastal Performance Double Hung Window "IMPACT"

GENERAL NOTES

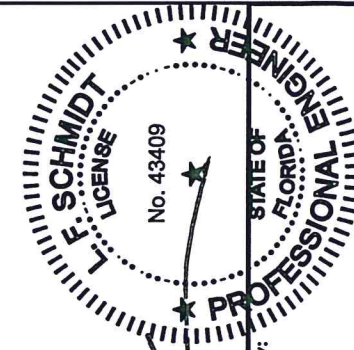
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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. 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.

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MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
40.0" X 72.0"	34.0" x 32.38"	G1, G2	+50.0	-50.0
52.0" X 75.0"	46.0" x 34.5"	G1, G2	+35.0	-35.0



February 16, 2021

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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

NO.	DATE	REVISIONS
3	2/16/21	ADD GLAZING G2 FOR 40X72 FRM LFS
2	12/11/20	ADD NEW FRAME SIZE LFS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 4/17/18

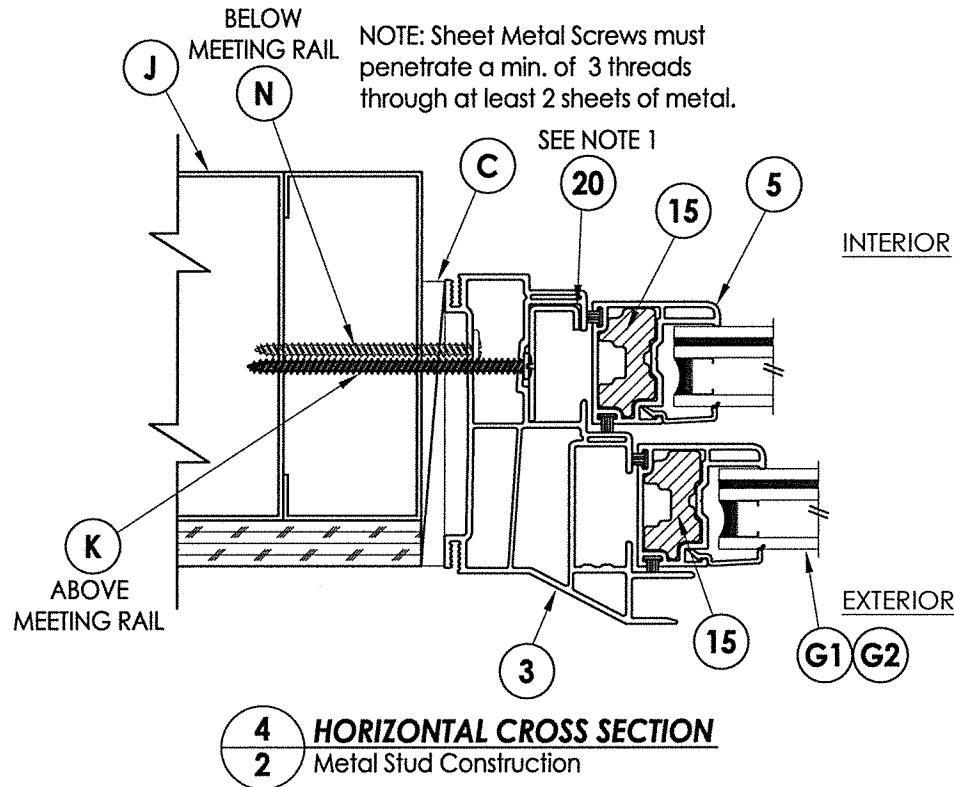
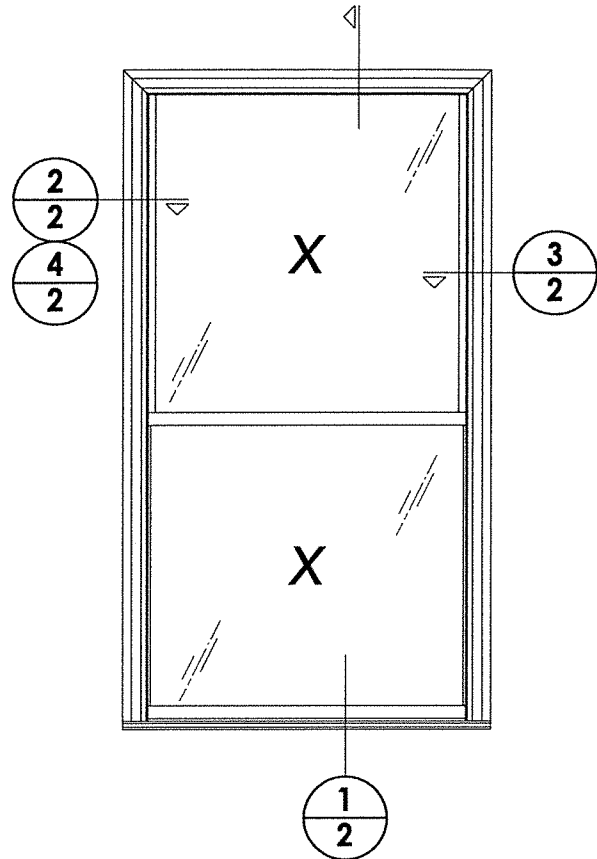
SCALE: N.T.S.

DWG. BY: JK

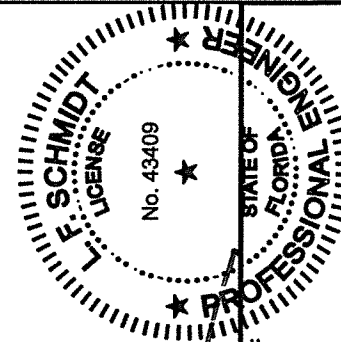
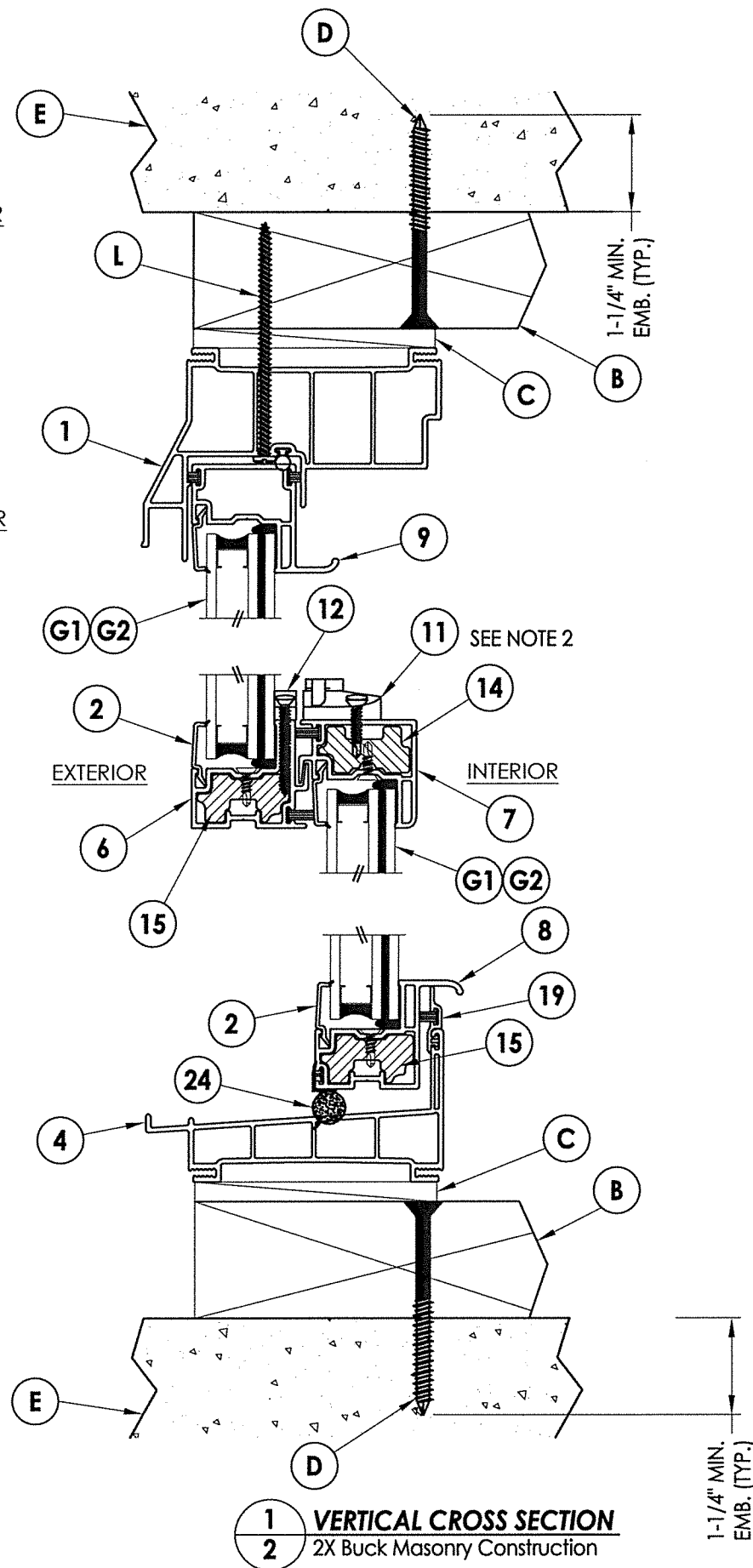
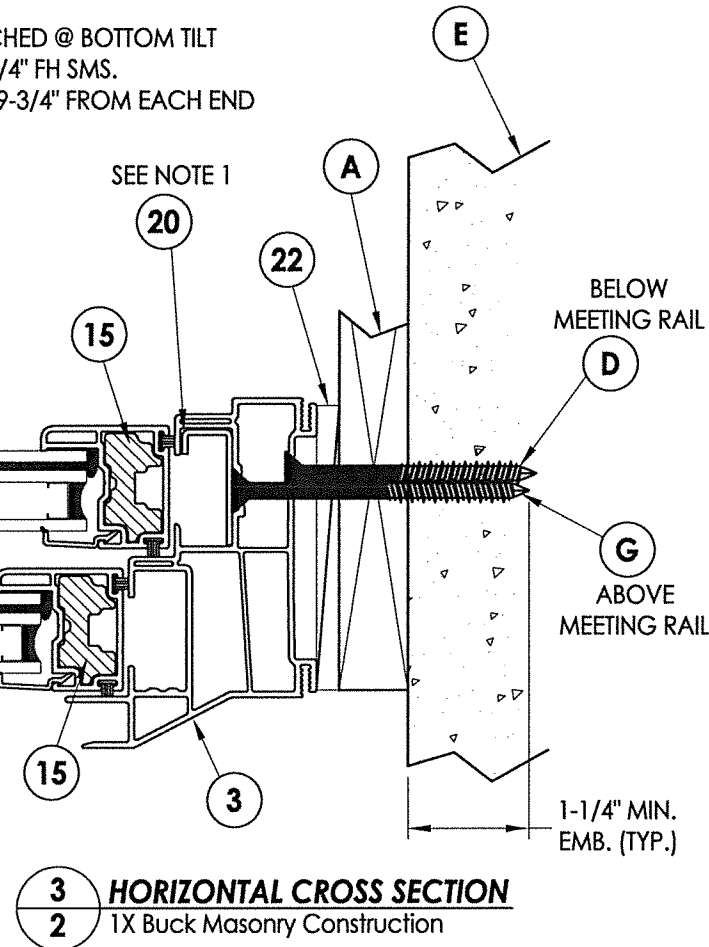
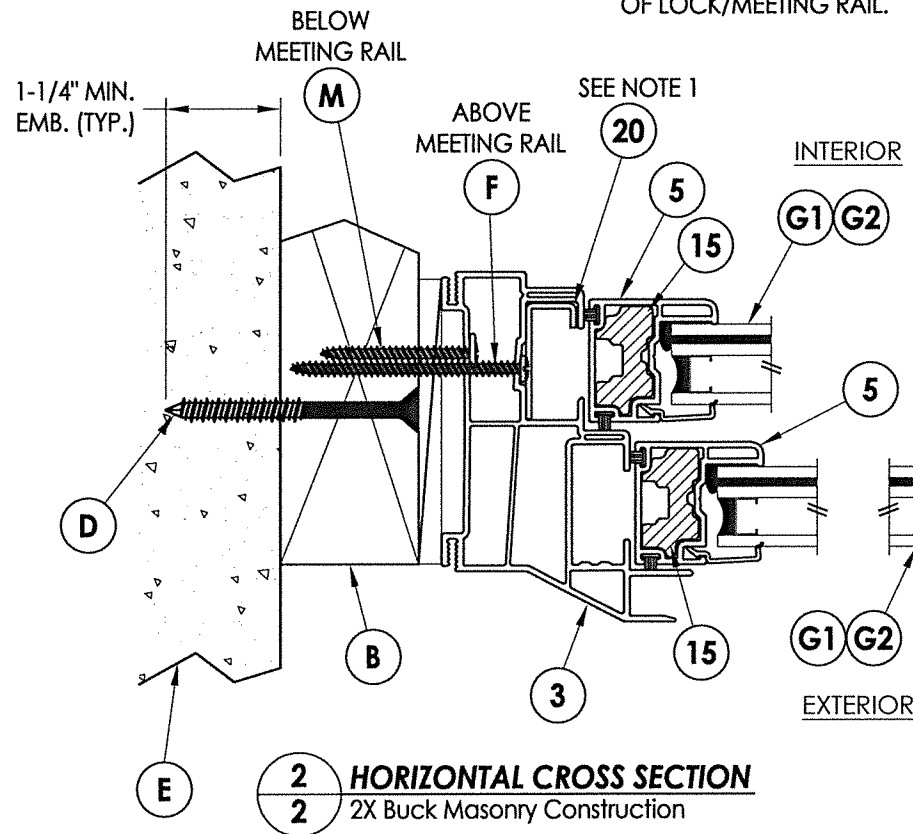
CHK. BY: LFS

DRAWING NO.: FL-26910.2

SHEET 1 OF 5



- NOTES:
- JAMB REINFORCEMENT ATTACHED @ BOTTOM TILT LATCH POSITION w/ (1) #8 x 3/4" FH SMS.
 - LOCK AND KEEPER LOCATED 9-3/4" FROM EACH END OF LOCK/MEETING RAIL.



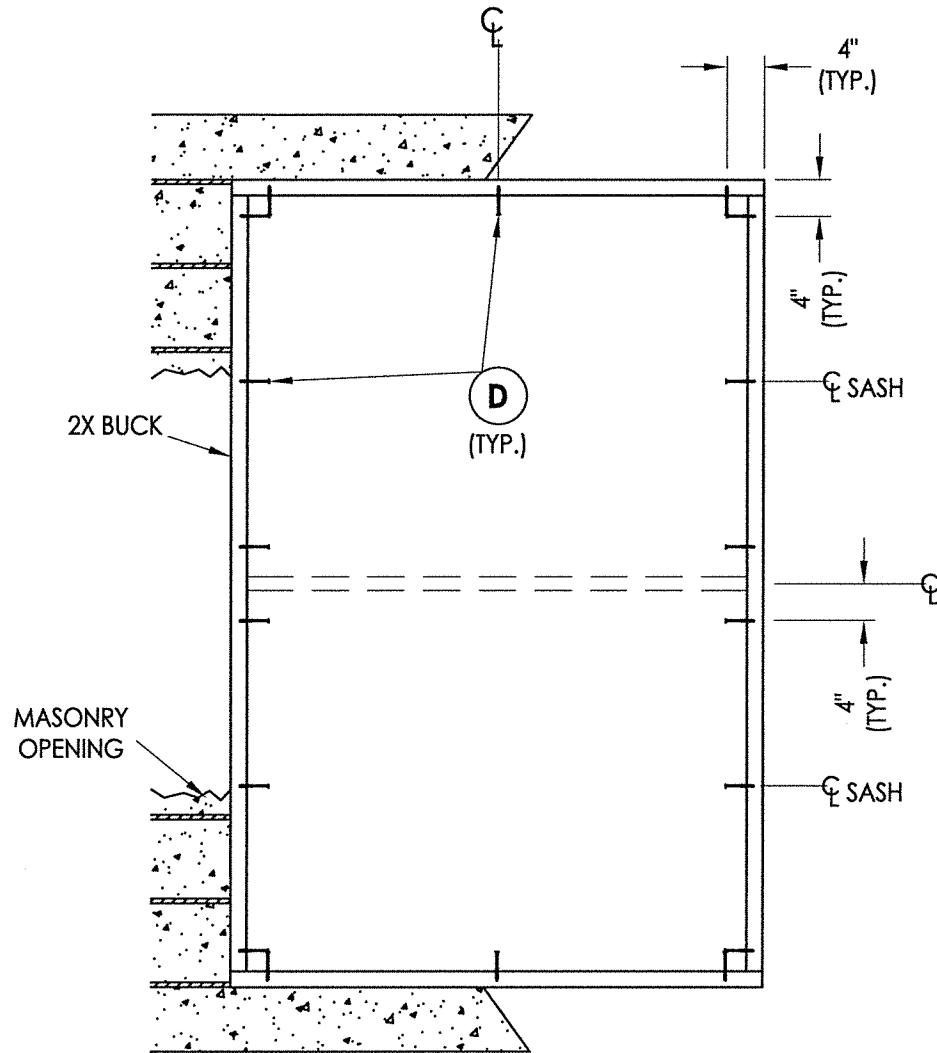
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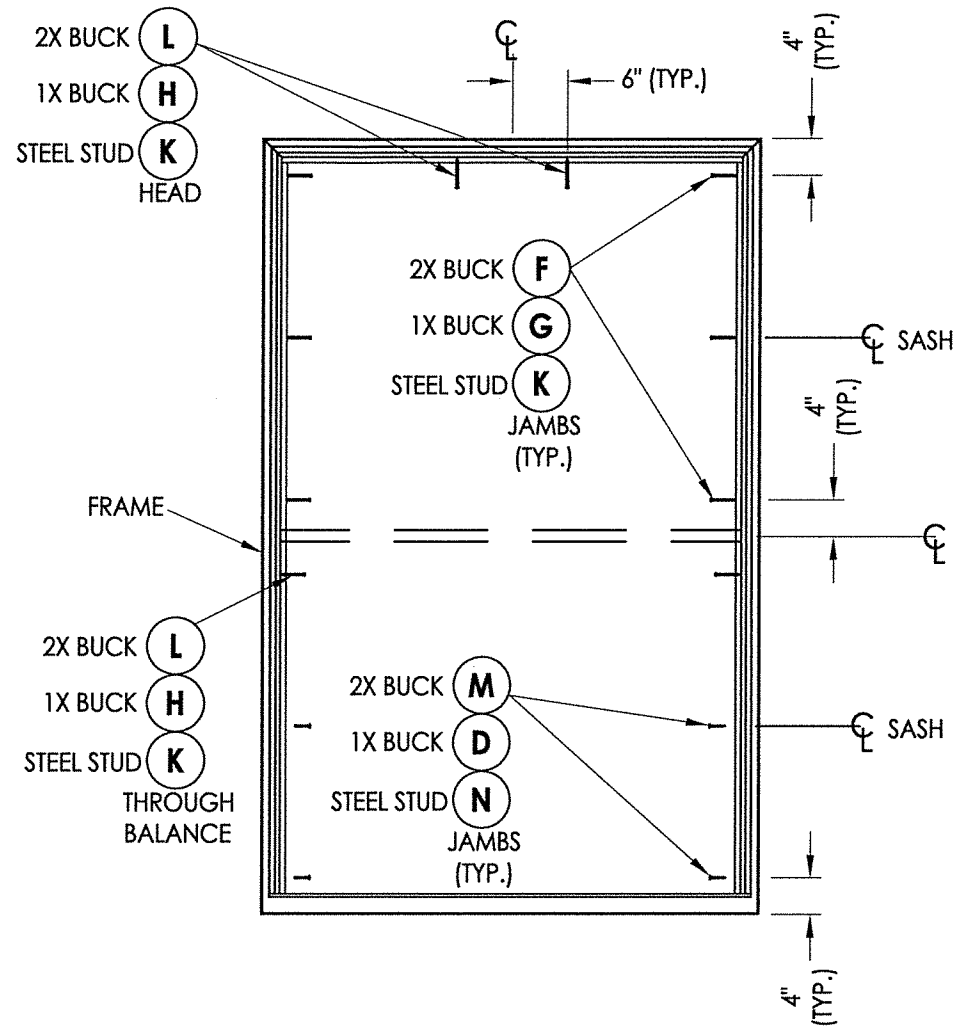
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
SUNRISE WINDOWS		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
3	2/16/21	LFS	ADD GLAZING G2 FOR 40X72 FRM
2	12/11/20	LFS	ADD NEW FRAME SIZE
1	7/27/20	FBC	UPDATE TO 7TH ED (2020)
DATE: 4/17/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26910.2			
SHEET 2 OF 5			

Z:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26910 - Double Hung Window\A - Drawings\FL 26910 (2020)\FL-26910.2.dwg



BUCK ANCHORING



FRAME ANCHORING

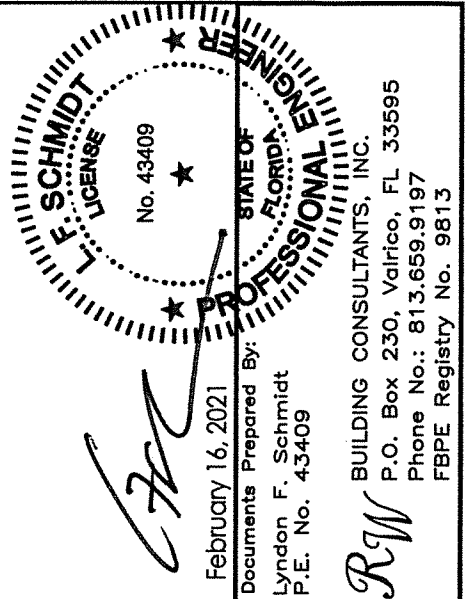
CONCRETE ANCHOR NOTES:

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"
DeWALT 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.



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FBPE Registry No. 9813

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	BY
3	2/16/21	ADD GLAZING G2 FOR 40X72 FRM LFS
2	12/11/20	ADD NEW FRAME SIZE LFS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

REVISIONS

DATE: 4/17/18

SCALE: N.T.S.

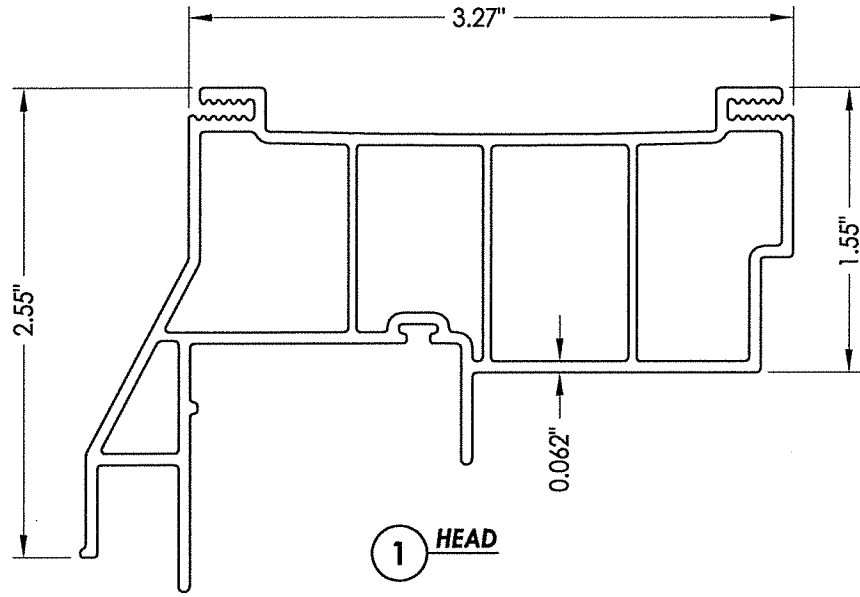
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CHK. BY: LFS

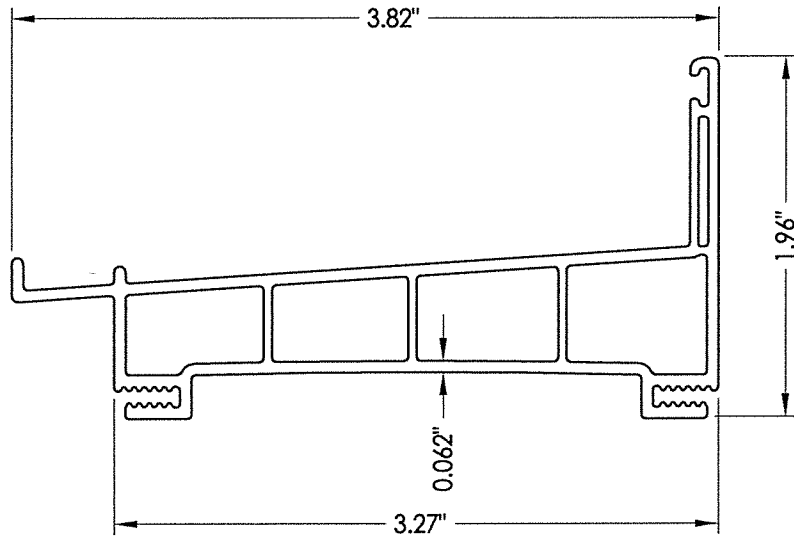
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FL-26910.2

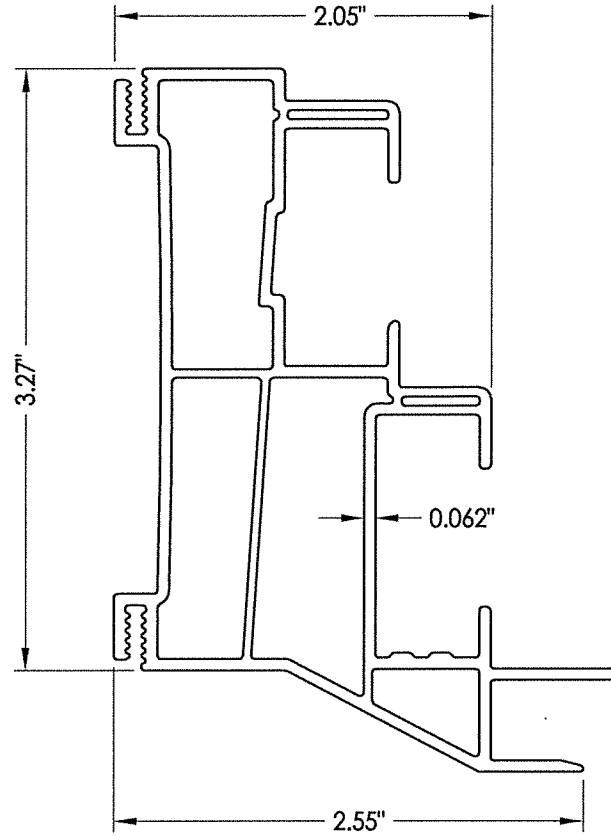
SHEET 3 OF 5



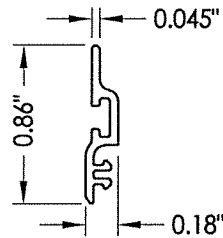
1 HEAD



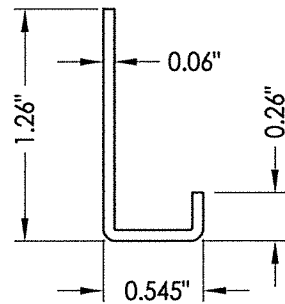
4 SILL



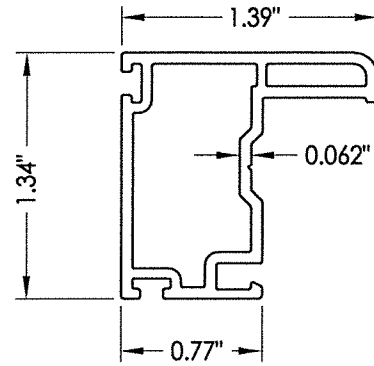
3 JAMB



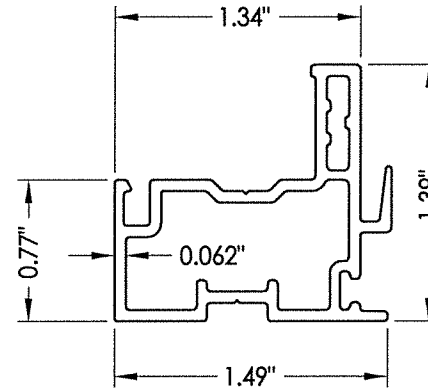
19 SILL RISER



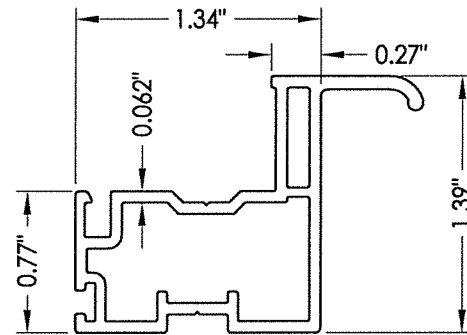
20 JAMB REINFORCEMENT
1" WIDE



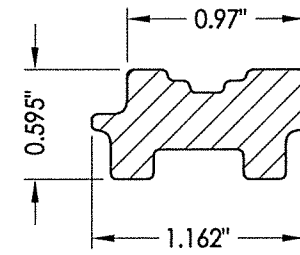
5 STILE



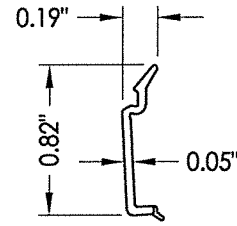
6 KEEPER RAIL



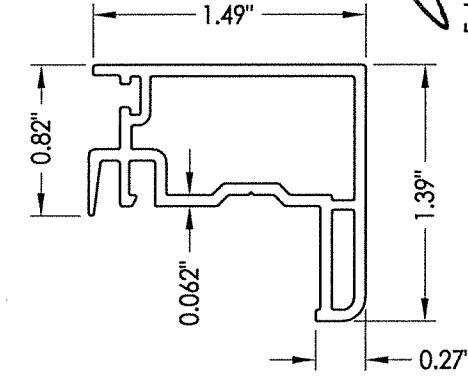
8 BOTTOM LIFT RAIL



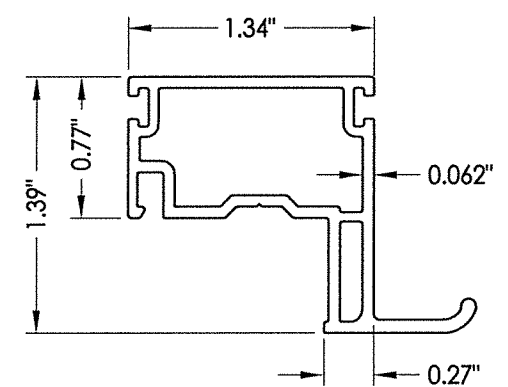
14 LOCK RAIL REINFORCEMENT



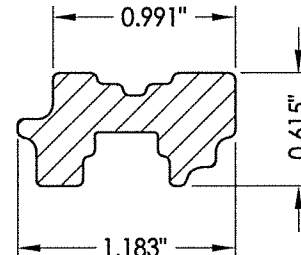
2 GLAZING BEAD



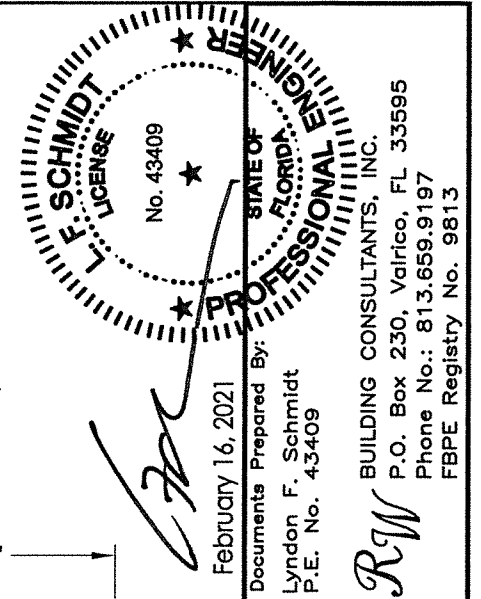
7 LOCK RAIL



9 PULL RAIL



15 STILE/RAIL REINFORCEMENT

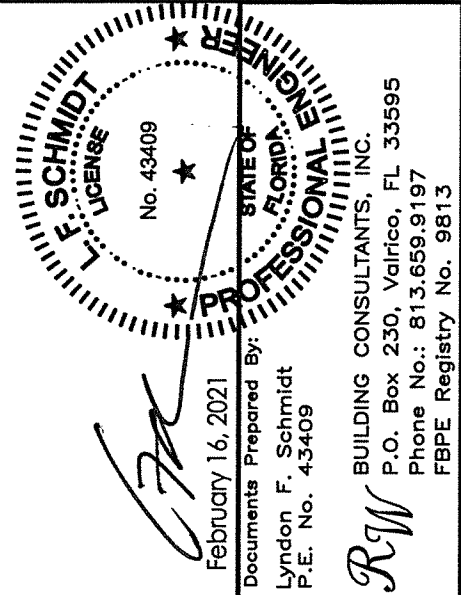
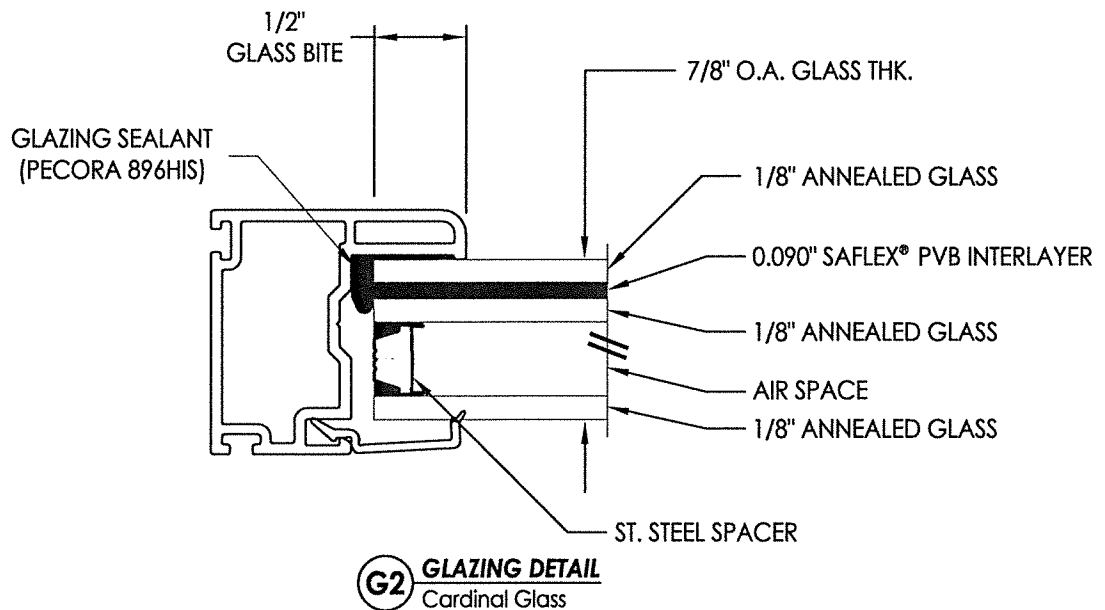
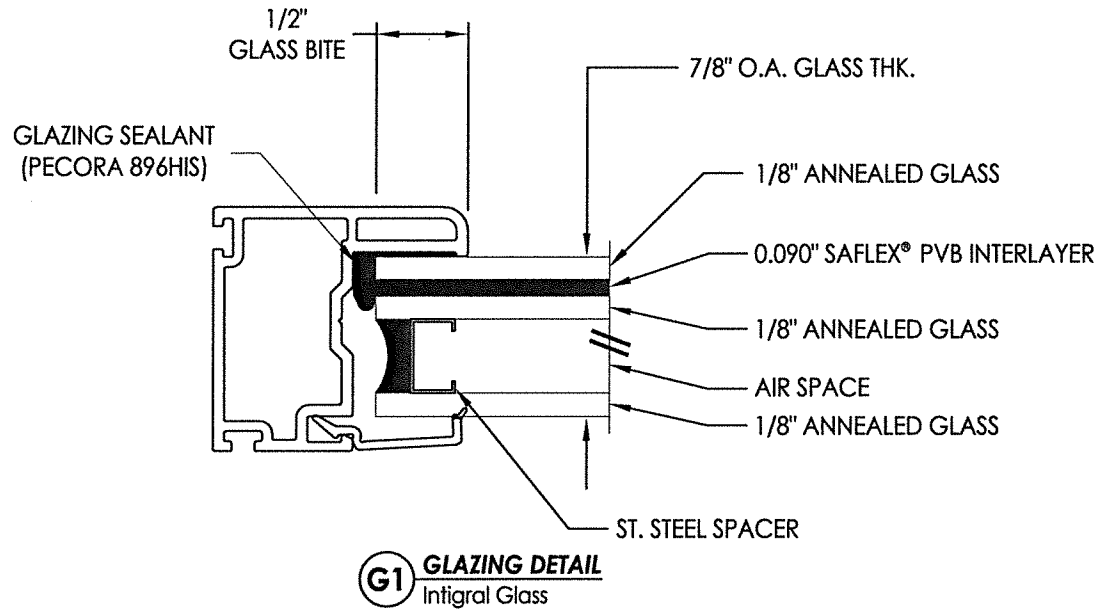


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PRODUCT:		SUNRISE WINDOWS	
PART OR ASSEMBLY:		COMPONENTS	
NO.		DATE	
DATE		BY	
3	2/16/21	ADD GLAZING G2 FOR 40X72 FRM	LFS
2	12/11/20	ADD NEW FRAME SIZE	LFS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
DATE		BY	
4/17/18		JK	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-26910.2	
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".



DATE: 4/17/18		PRODUCT: SUNRISE WINDOWS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26910.2		PART OR ASSEMBLY:	
SHEET 5 OF 5		BILL OF MATERIALS AND GLAZING DETAILS	