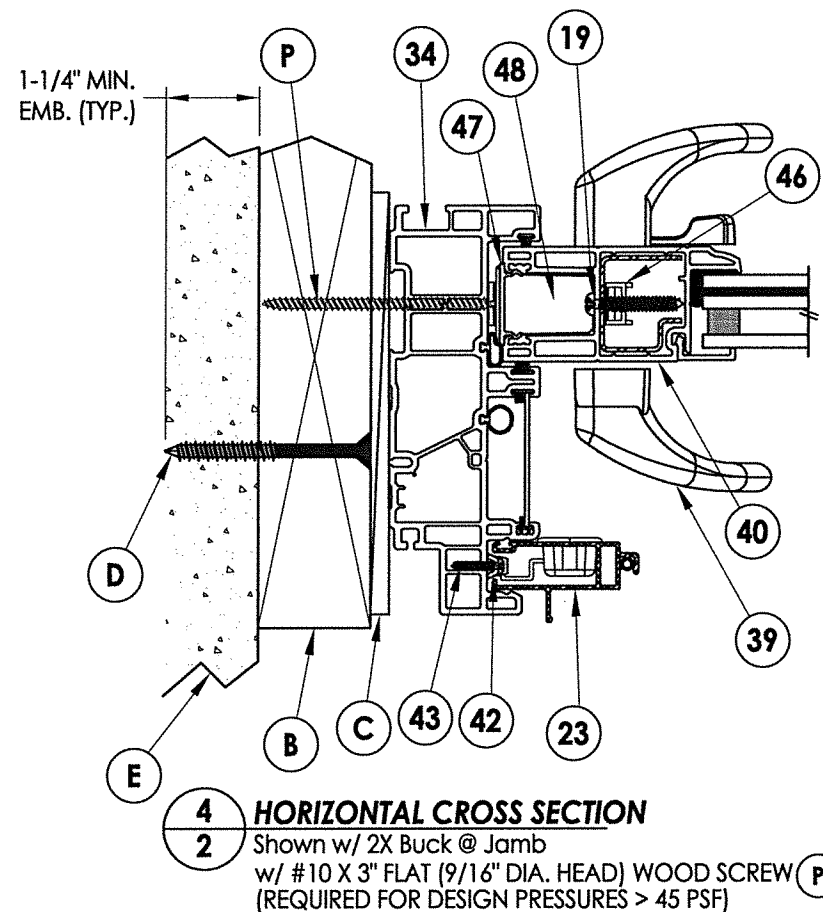
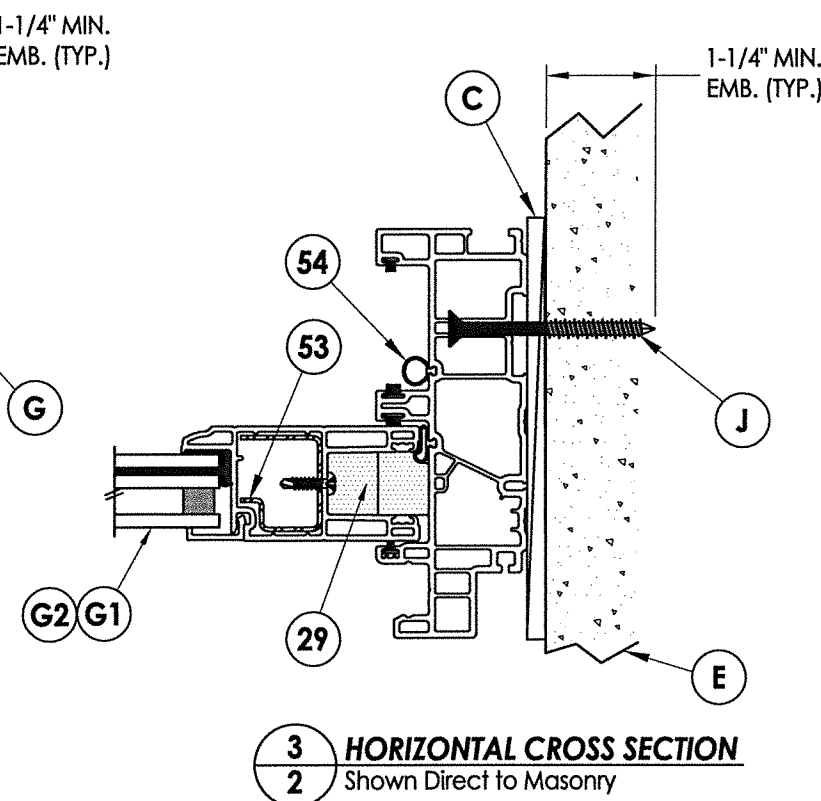
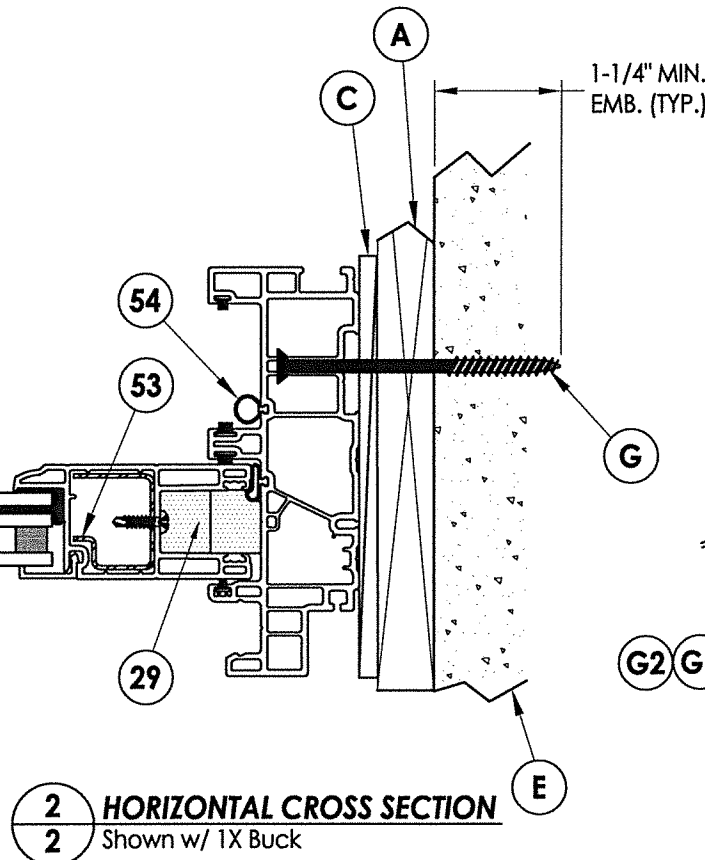






RFW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
.FBPE Registry No. 9813

DATE: 12/19/20		PRODUCT: SUNRISE WINDOWS PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		
SCALE: N.T.S.				
DWG. BY: RW				
CHK. BY: LFS				
DRAWING NO.: FL-34551.15				
SHEET 2 OF 6	NO. DATE		BY	REVISIONS

SECTION

Diagram illustrating a cross-section of a window assembly. The assembly includes a concrete wall (E) with a window opening (D). A window frame (B) is installed in the opening. The frame is secured by a fastener (C) passing through the frame and the wall. The frame is composed of multiple parts, including a main frame (1), a sash (2), and a bottom rail (3). The sash is held in place by a spring (4) and a latch (5). The bottom rail is secured by a fastener (6) and a latch (7). The window is shown in a closed position, with the sash (2) resting against the frame (1). The diagram also shows the internal components of the window, including the sash cord (8) and the sash weight (9). The window is shown in a cross-section view, with the sash (2) and the frame (1) clearly visible. The diagram is labeled with various letters and numbers to identify the different components.

Labels: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

RW

January 4, 2021

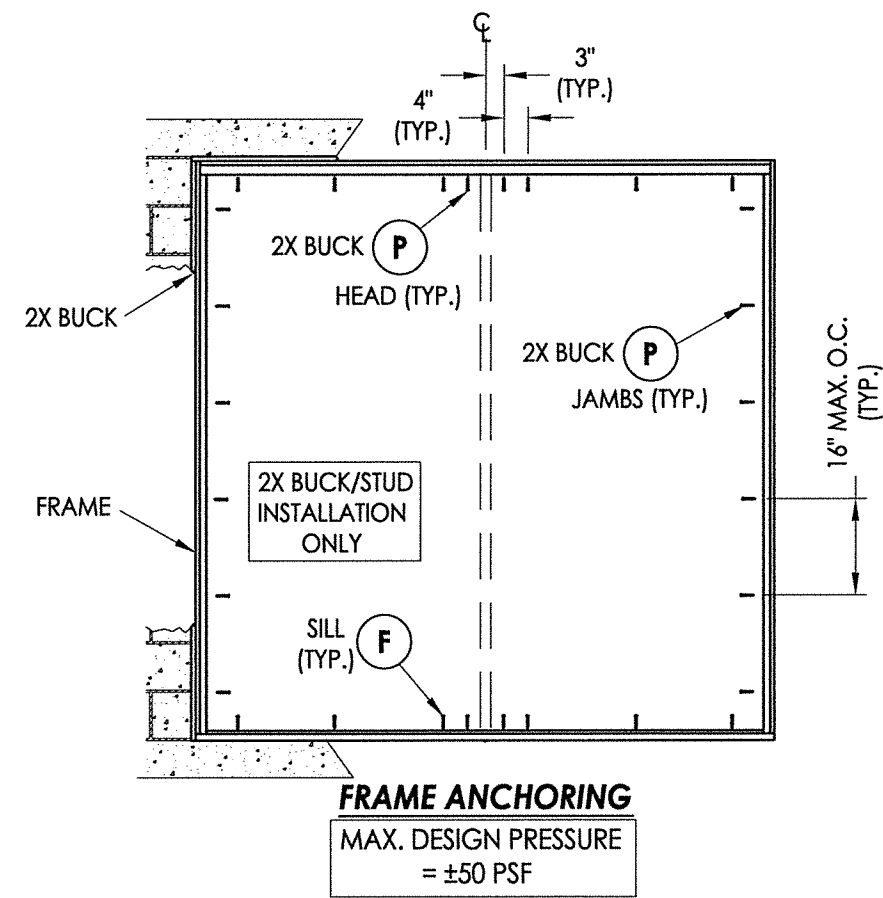
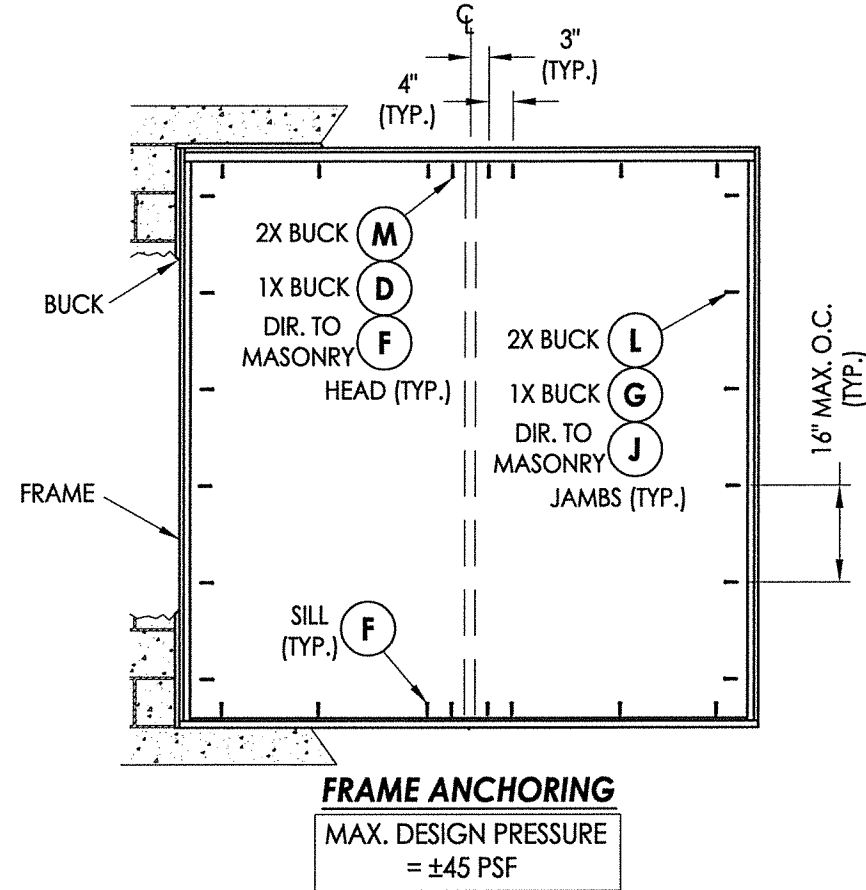
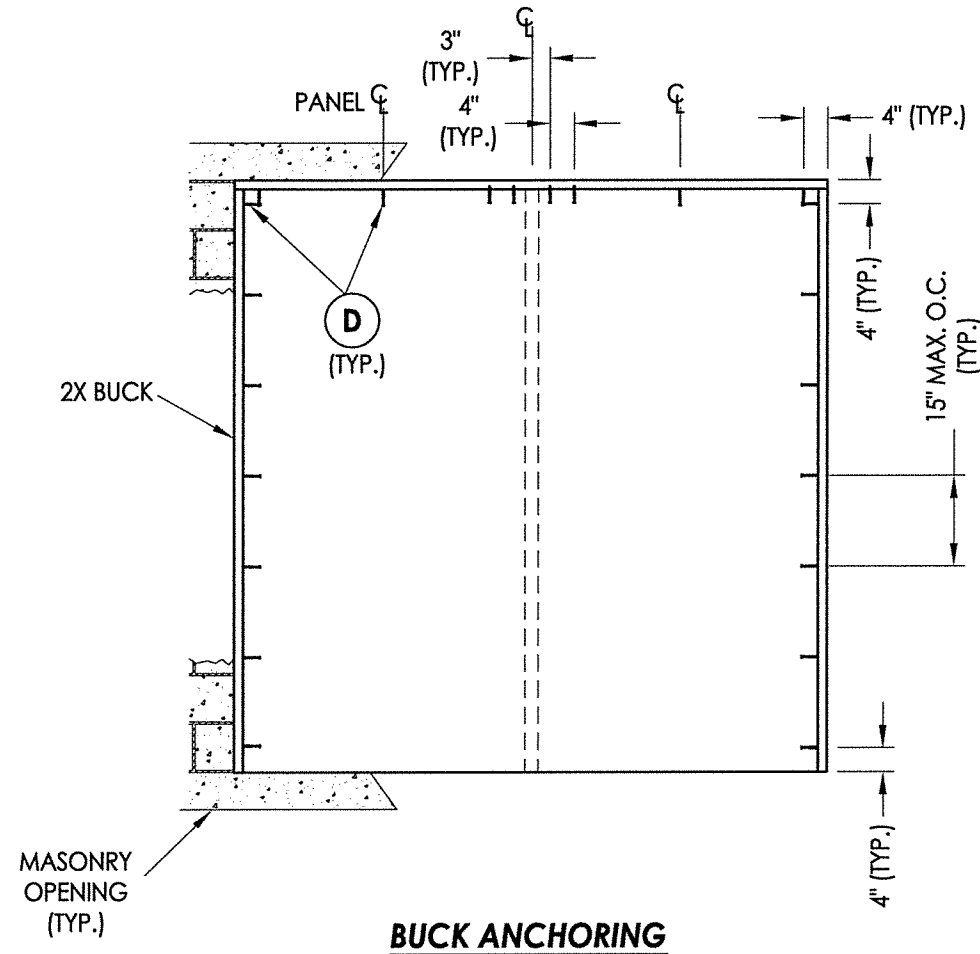
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

STATE OF
FLORIDA
PROFESSIONAL ENGINEER
L. F. SCHMIDT
LICENSE
No. 43409

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FBPE Registry No. 9813

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Z:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.15.dwg



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.

January 4, 2021
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: SUNRISE WINDOWS

PART OR ASSEMBLY: BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS	BY

DATE: 12/19/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-34551.15

SHEET 4 OF 6

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Phone No.: 813.659.9197
FBPE Registry No. 9813

Technical drawing of a mechanical part, likely a bracket or support. The drawing shows the part's profile with dimensions: 5.44" (length), 2.36" (height), and 0.1" (thickness).

3.17"

0.075"

1.53"

Technical drawing of a mechanical part with dimensions: 2.27" (width), 0.142" (thickness), and 2.16" (height).

2.01"

5.44"

0.085"

Lyndon F. Schmidt
January 4, 2021
Documents Prepared By:
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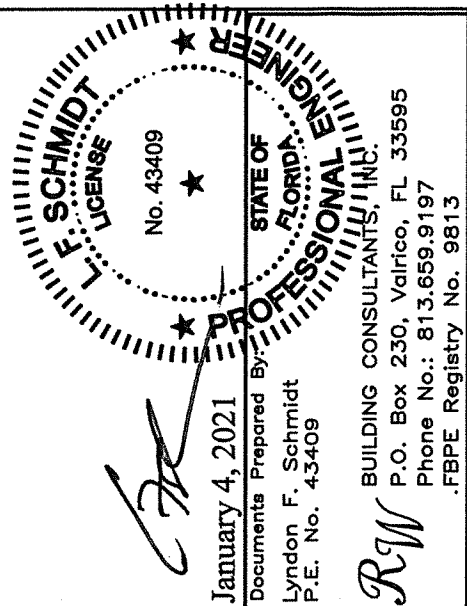
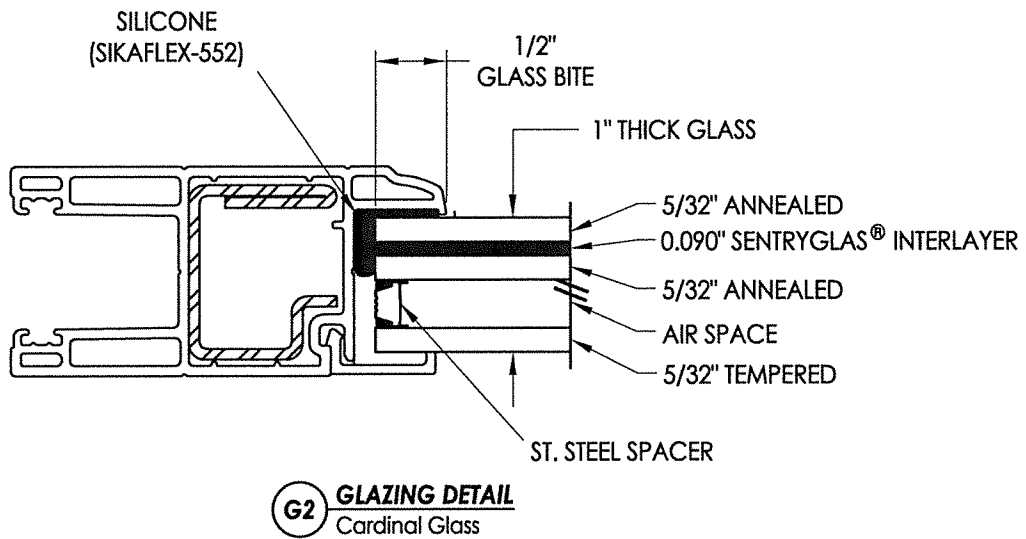
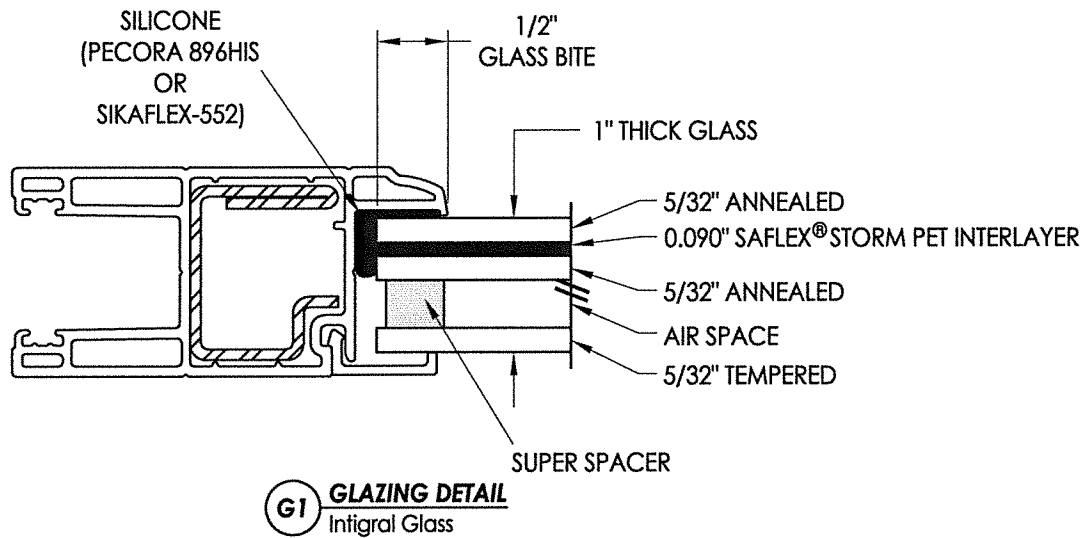
RW

DATE: 12/19/20		REVISIONS NO. DATE BY		PRODUCT: SUNRISE WINDOWS PART OR ASSEMBLY: COMPONENTS	
SCALE: N.T.S.					
DWG. BY: RW					
CHK. BY: LFS					
DRAWING NO.: FL-34551.15					
SHEET 5 OF 6					

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" 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	1/4" X 1-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
G	1/4" X 3-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
H	#10 X 5/8" FH SMS	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PPH SCREW (1-3/16" MIN. EMBEDMENT)	STEEL
M	#10 X 1-3/4" PPH SCREW (1-3/16" MIN. EMBEDMENT)	STEEL
P	#10 X 3" FLAT (9/16" Ø HEAD) WOOD SCREW (1-7/16" MIN. EMBEDMENT)	STEEL
1	FRAME HEAD*	PVC
2	#8 X 2-3/4" FH QUADREX WOOD SCREW	STEEL
3	WEATHERSTRIP (SCHLEGEL #HF-7522-270)	-
4	HEAD TRACK*	PVC
5	STILE & RAIL*	PVC
9	SHIM	-
10	TANDEM WHEEL	NYLON
11	ROLLING RAIL	ALUM
12	SILL*	PVC
13	SILL DUST COVER*	PVC
14	SILL PLUG	NYLON
15	SILL WEATHERSEAL	-
17	LEFT CAP FOR SILL ADAPTER*	PVC
18	RIGHT CAP FOR SILL ADAPTER*	PVC
19	#8 X 5/8" PAN HEAD, SQUARE, SELF-DRILLING SCREW	STEEL
20	OUTSIDE SILL CLADDING	ALUM
22	INSECT STOP	-
23	SCREEN	-
24	#8 X 7/8" PAN HEAD, QUADREX, SCREW	STEEL
25	FIXED PANEL ANCHOR BLOCK*	PVC
27	SCREW CAP	NYLON
28	GLAZING BEAD*	PVC
29	FOAM PLUG	-
30	HEAD WEATHERSEAL	-
31	#8 X 1-1/4" PAN HEAD, QUADREX, SCREW	STEEL
32	SASH STOPPER	EPDM
33	WEATHERSTRIP	-
34	FRAME JAMB*	PVC
35	WEATHERSTRIP	-

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

39	HANDLE KIT	STEEL
40	OPERATING PANEL SIDE STILE*	PVC
42	KEEPER FOR SCREEN	-
43	#4 X 5/8" PAN HEAD QUADREX SCREW	STEEL
46	STAINLESS STEEL DOUBLE POINT MORTISE LOCK KIT	STEEL
47	SASH COVERING CAP*	PVC
48	LOCK PLUG*	PVC
50	STILE REINFORCEMENT (CS TYPE B HOT DIPPED GALV.)	STEEL
51	#8 X 2" TRUSS HEAD QUADREX SCREW	STEEL
52	INTERLOCK	ALUM
53	STILE REINFORCEMENT (CS TYPE B HOT DIPPED GALV.)	STEEL
54	Q-LON WEATHERSTRIP (SCHLEGEL NO. QEZ 345)	-
55	WATER BAR	ALUM
56	#8 X 1" PPH SMS	SS



DATE: 12/19/20		REVISIONS NO. DATE		BY		PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAIL	
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-34551.15							
SHEET 6 OF 6						PRODUCT: SUNRISE WINDOWS	