

# vanguard®

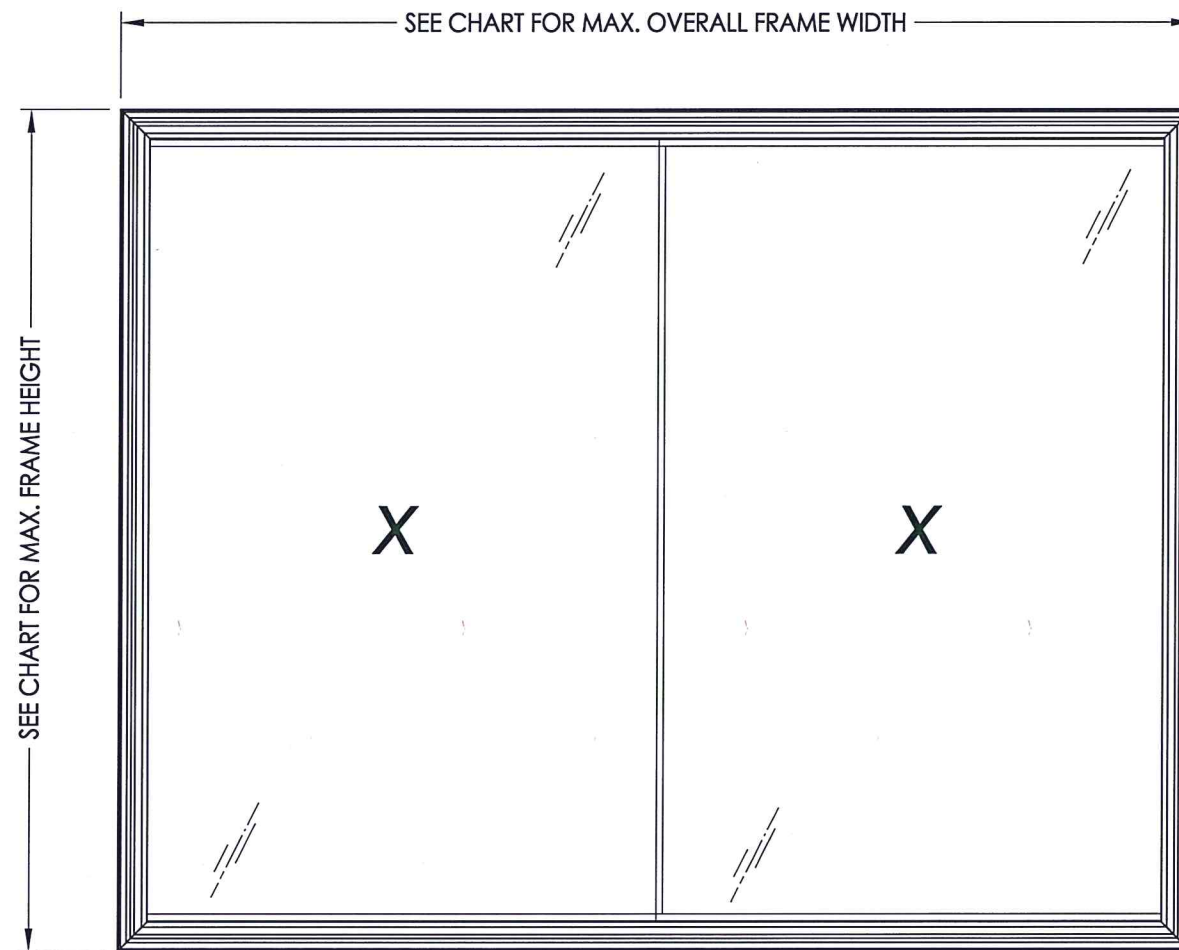
## "Vanguard" Series Horizontal Sliding Window "NON-IMPACT"

### EVALUATED FOR USE IN THE STATE OF TEXAS

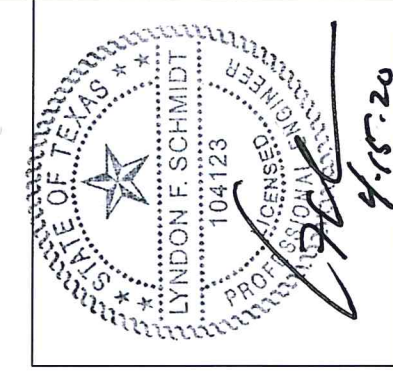
The Horizontal Sliding Window described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond roof covering.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.2 of the IBC.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Frame Anchoring & Cross Sections
3	Components
4	Bill of Materials & Glazing Details



MAX. OVERALL FRAME DIMENSION	MAX. DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
72.0" X 56.0"	32.63" X 49.63"	G1	+30.0	-35.0
63.0" X 44.0"	28.13" X 37.63"	G2	+40.0	-45.0



Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: HORIZONTAL SLIDING WINDOW  
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 4/13/20  
SCALE: N.T.S.  
DWG. BY: TRJ  
CHK. BY: LFS  
DRAWING NO.: TX-5023  
SHEET 1 OF 4

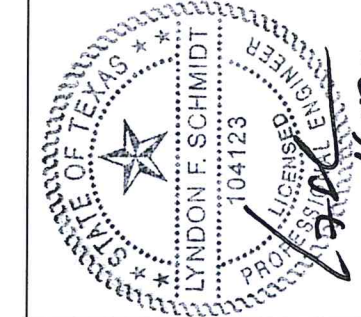




**BILL OF MATERIALS**

ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
1	TOP RAIL/BOTTOM RAIL*	RIGID PVC
3	FRAME*	RIGID PVC
4	SILL TRACK*	RIGID PVC
5	STILE*	RIGID PVC
7	LOCK STILE*	RIGID PVC
9	SASH LIFT LOCK*	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
14	STILE/RAIL REINFORCEMENT	COMP
15	PULL STILE GLAZING BEAD*	RIGID PVC
16	CONTOURED GLAZING BEAD*	RIGID PVC
17	MEETING STILE GLAZING BEAD*	RIGID PVC
20	WEATHERSTRIP	-
30	ROLLER ASSY.	-

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



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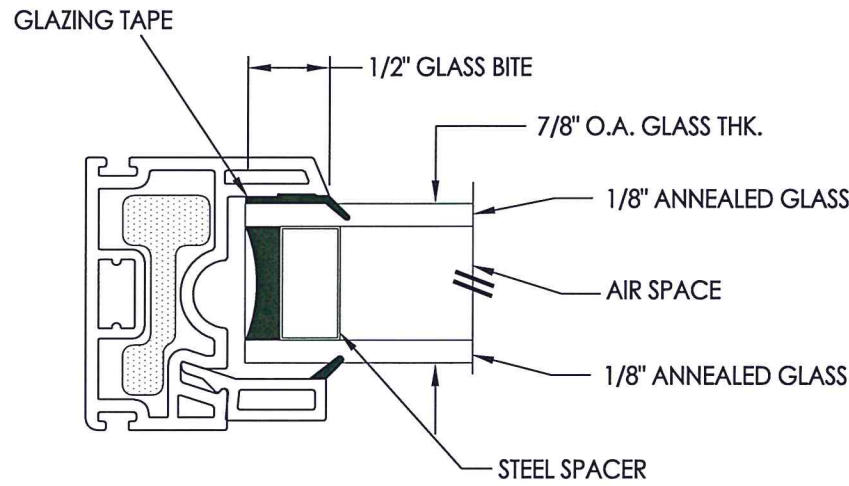
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PRODUCT: HORIZONTAL SLIDING WINDOW

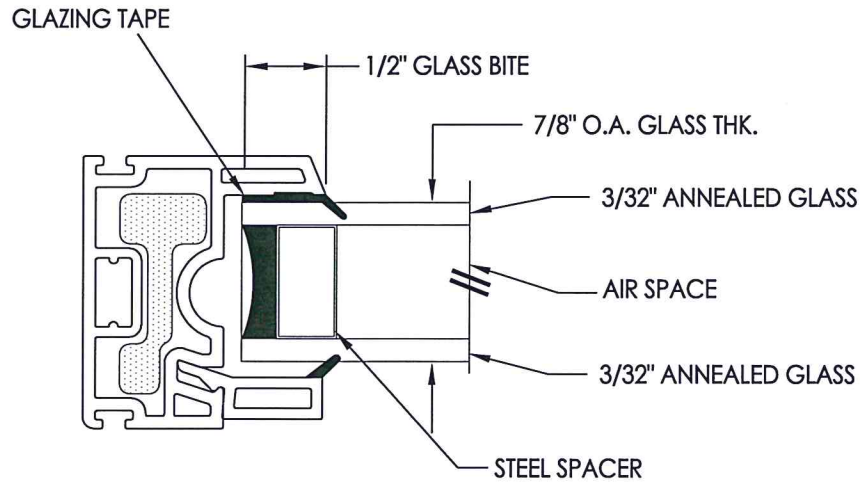
PART OR ASSEMBLY: BILL OF MATERIALS, & GLAZING DETAILS

NO.	DATE	BY	REVISIONS

DATE: 4/13/20  
SCALE: N.T.S.  
DWG. BY: TRJ  
CHK. BY: LFS  
DRAWING NO.: TX-5023  
SHEET 4 OF 4



**G1** GLAZING DETAIL



**G2** GLAZING DETAIL