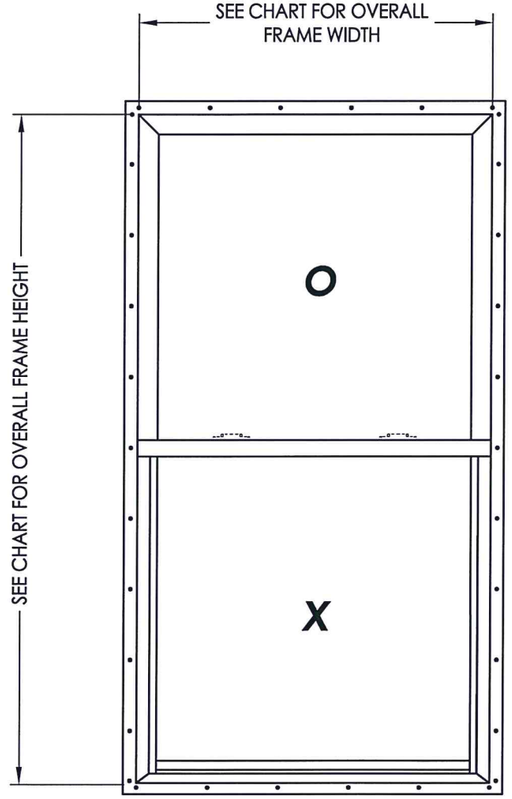
ASSOCIATED MATERIALS
INCORPORATED
3773 STATE ROAD
CUYAHOGA FALLS, OH 44223

MODEL V100
SINGLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Single Hung Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) 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 wall dressing or stucco.
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 1609.1.2 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	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials, glazing detail and components

OVERALL FRAME DIMENSION	OVERALL (O) D.L.O. DIMENSION	OVERALL (X) D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
40.0" x 72.0"	35.5" x 32.62"	35.5" x 33.0"	G1	+30.0	-30.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
5-14-15

Documents Prepared By: Lyndon F. Schmidt, P.E.
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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: SINGLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 5/13/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4535
SHEET 1 OF 3

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FRAME ANCHORING
2X Stud Construction

1/2 ***HORIZONTAL CROSS SECTION***

2/2 ***VERTICAL CROSS SECTION***

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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: *SINGLE HUNG WINDOW*

PART OR ASSEMBLY: *VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING*

NO.	DATE	BY
REVISIONS		

DATE: 5/13/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4535
SHEET 2 OF 3

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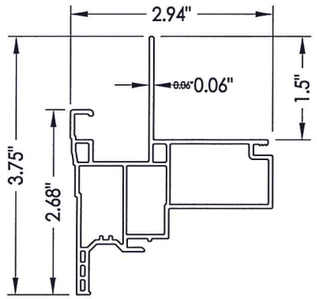
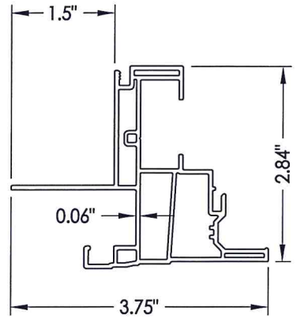
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G => 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
1	FRAME HEAD*	PVC
2	GLAZING BEAD*	PVC
3	FRAME JAMB*	PVC
4	FRAME SILL*	PVC
5	MEETING RAIL*	PVC
6	LOCK RAIL*	PVC
7	COMMON SASH STILE	PVC
9	REINFORCEMENT - MEETING RAIL	STEEL
10	REINFORCEMENT - SASH/LOCK RAIL	STEEL
11	METAL CAM LOCK AND KEEPER	STEEL
12	GLAZING TAPE - DOUBLE SIDE ADHESIVE	-
13	STEEL SPACER	STEEL
14	GLAZING BLOCK	-

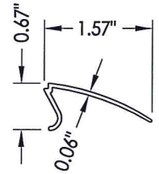
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



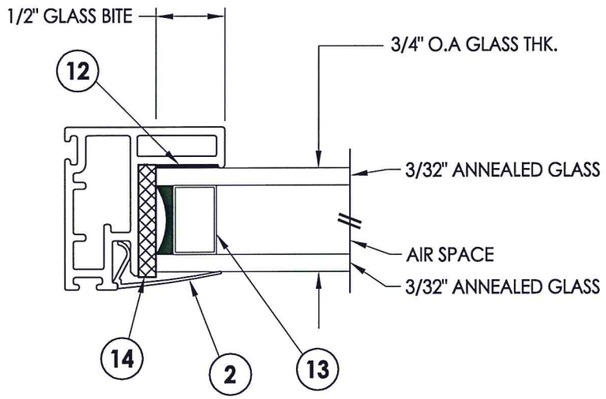
1 **FRAME HEAD**



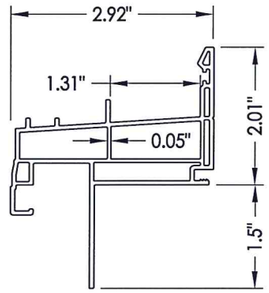
3 **FRAME JAMB**



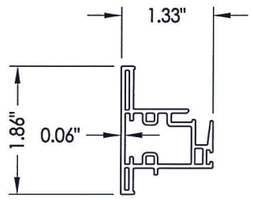
2 **GLAZING BEAD**



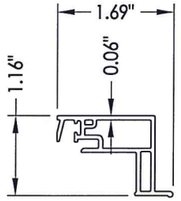
G1 **GLAZING DETAIL**



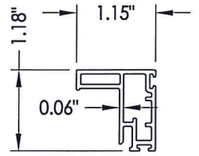
4 **FRAME SILL**



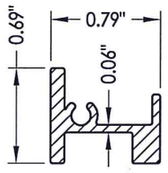
5 **MEETING RAIL**



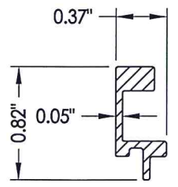
6 **LOCK RAIL**



7 **COMMON SASH**



9 **REINFORCEMENT**
Meeting rail



10 **REINFORCEMENT**
Sash/Lock Rail

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PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

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DRAWING NO.: TX-4535
SHEET 3 OF 3

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