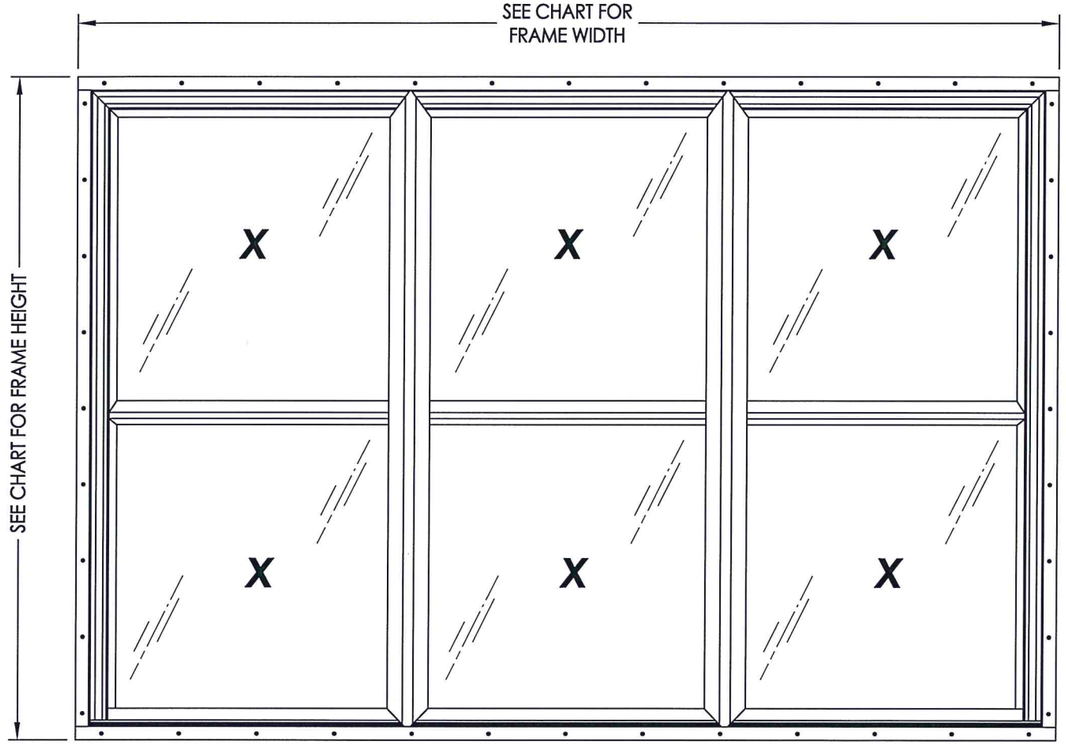
ASSOCIATED MATERIALS
INCORPORATED

3773 STATE ROAD
CUYAHOGA FALLS, OH 44223

MODEL V121/V131
TRIPLE DOUBLE HUNG WINDOW
w/ INTEGRAL MULLIONS
"NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Double 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 FIN DIMENSION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
111.00 X 75.0"	108.0" X 72.0"	31.12" X 33.25"	G1	+25.0	-25.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

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Phone No.: 813.659.9197

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

PRODUCT: DOUBLE HUNG WINDOW

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 6/01/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4540
SHEET 1 OF 3

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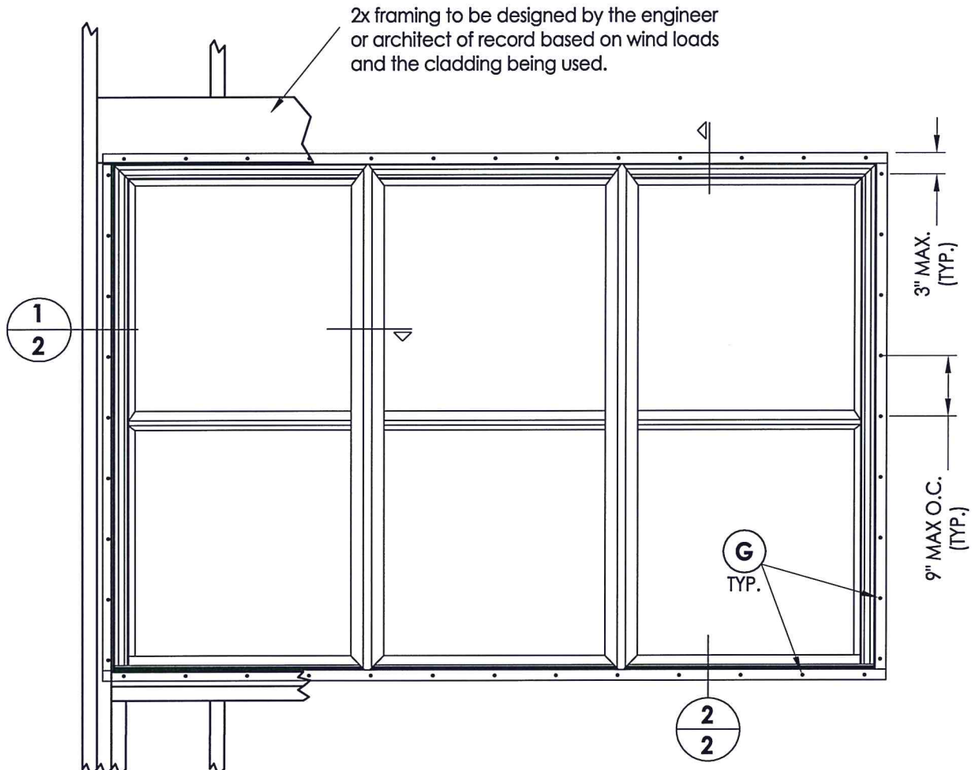
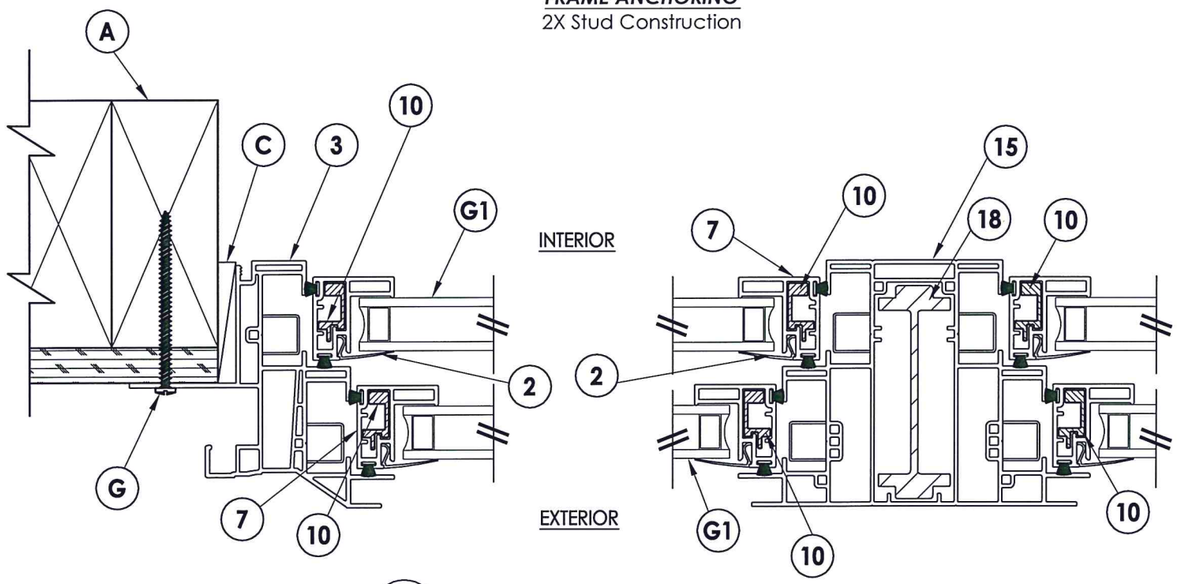
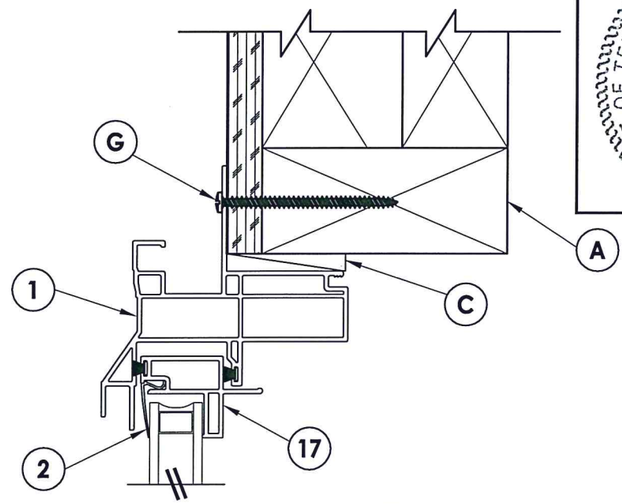
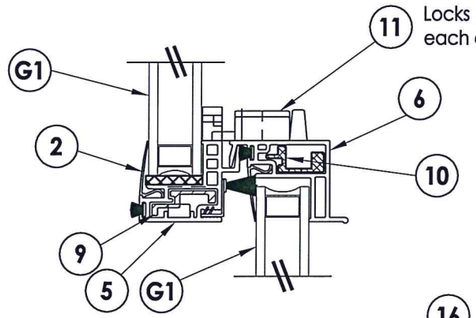


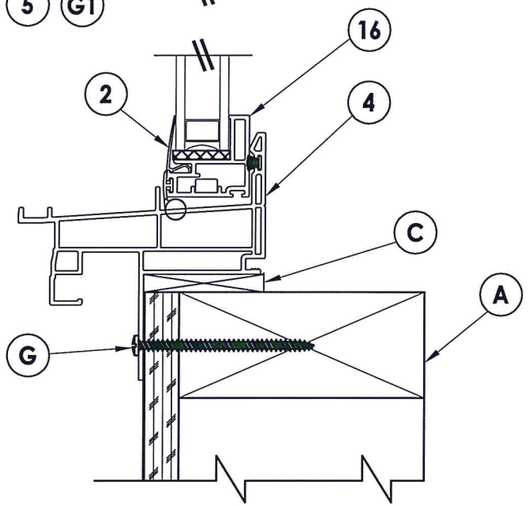
FRAME ANCHORING
2X Stud Construction



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







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

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CERTIFICATE OF REGISTRATION # F-11852

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

PRODUCT: *DOUBLE HUNG WINDOW*

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

NO.	DATE	REVISIONS	BY

DATE: 6/01/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4540
SHEET 2 OF 3

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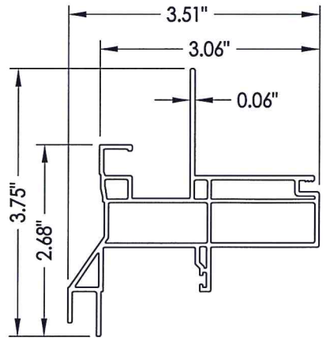
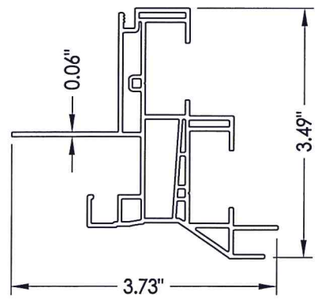
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG => 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
G	#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	KEEPER RAIL*	PVC
6	LOCK RAIL*	PVC
7	SASH STILE*	PVC
9	KEEPER RAIL REINFORCEMENT	ALUM.
10	REINFORCEMENT	ALUM.
11	METAL CAM LOCK AND KEEPER	STEEL
12	GLAZING TAPE - DOUBLE SIDE ADHESIVE	-
13	INTERCEPT SPACER	ALUM.
14	GLAZING BLOCK	-
15	INTEGRAL MULLION	PVC
16	BOTTOM RAIL *	PVC
17	HANDLE RAIL*	PVC
18	INTEGRAL MULLION REINFORCMENT	ALUM.

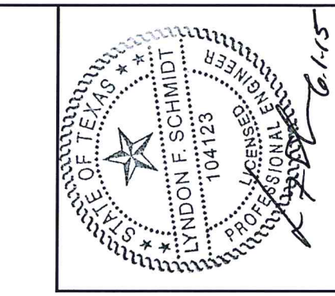
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".

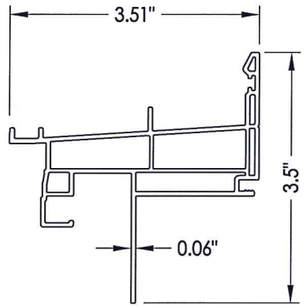


1 **FRAME HEAD**

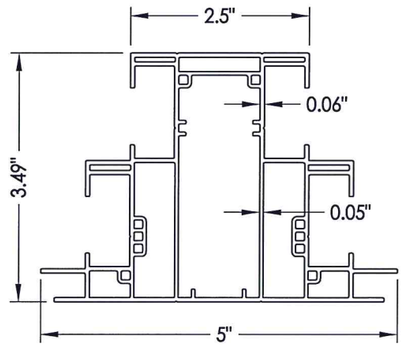


3 **FRAME JAMB**

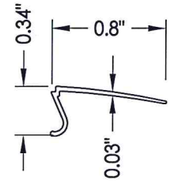




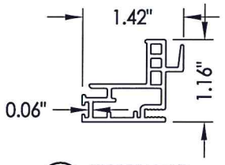
4 **FRAME SILL**



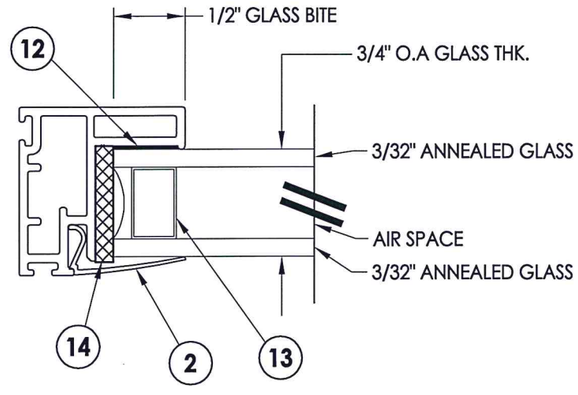
15 **INTEGRAL MULLION**



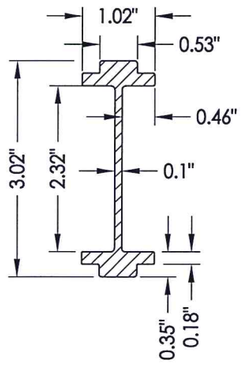
2 **GLAZING BEAD**



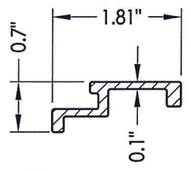
5 **KEEPER RAIL**



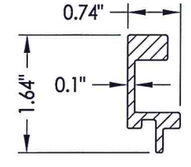
G1 **GLAZING DETAIL**



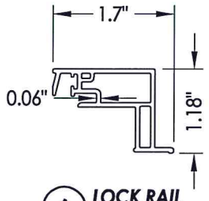
18 **REINFORCMENT**
Integral Mullion



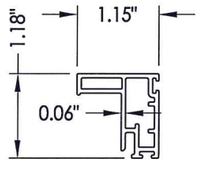
9 **REINFORCEMENT**
Keeper rail



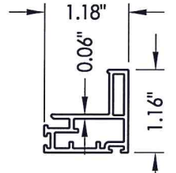
10 **REINFORCEMENT**



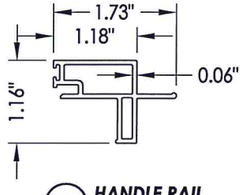
6 **LOCK RAIL**



7 **SASH STILE**



16 **BOTTOM RAIL**



17 **HANDLE RAIL**

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PRODUCT: DOUBLE HUNG WINDOW

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

NO.	DATE	BY	REVISIONS

DATE: 6/01/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4540
SHEET 3 OF 3

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