287 FREEHILL RD.
HENDERSONSVILLE, TN 37075

SERIES 4650
EXTRUDED VINYL PICTURE WINDOW
"NON-IMPACT"

EVALUATED FOR USE IN THE STATE OF TEXAS

The MGM Picture 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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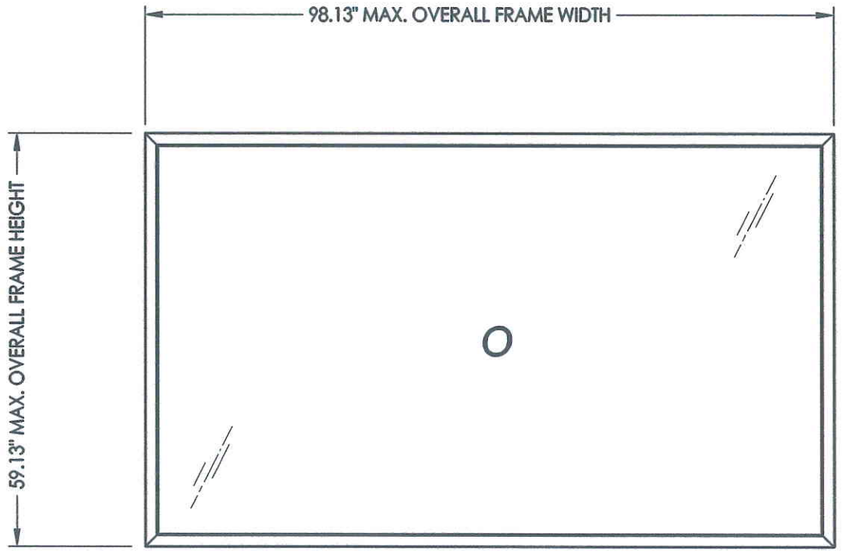
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials, glazing detail and components



HORIZONTAL FRAME SHOWN
(Vertical orientation optional)

OVERALL FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
98.13" X 59.13"	94.31" X 55.38"	G1	+44.5	-44.5

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

NO.	DATE	BY	REVISIONS

DATE: 07/05/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4129
SHEET 1 OF 3

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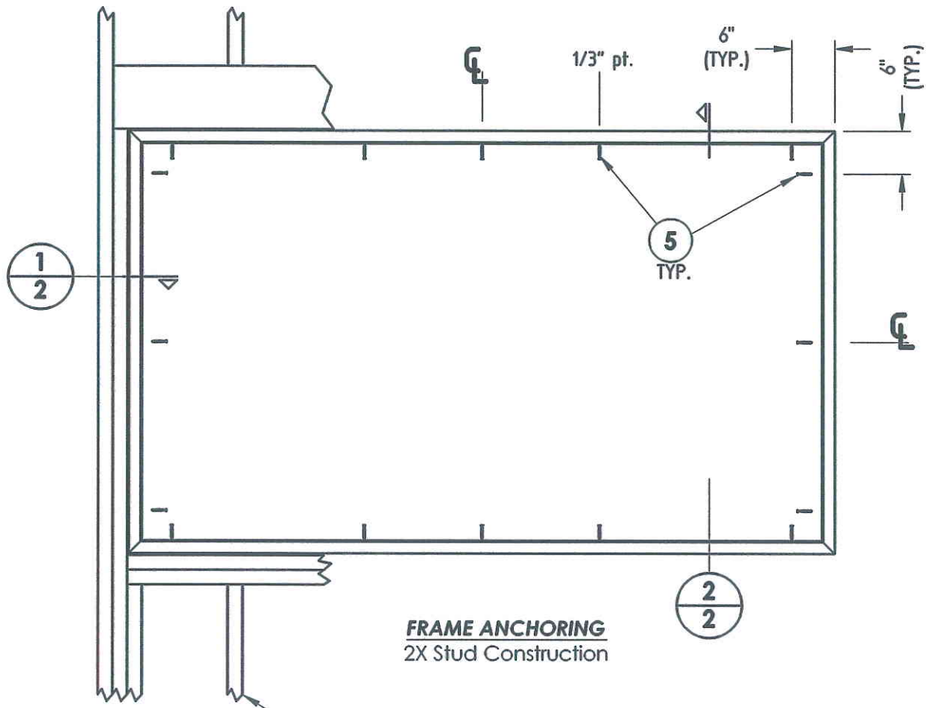
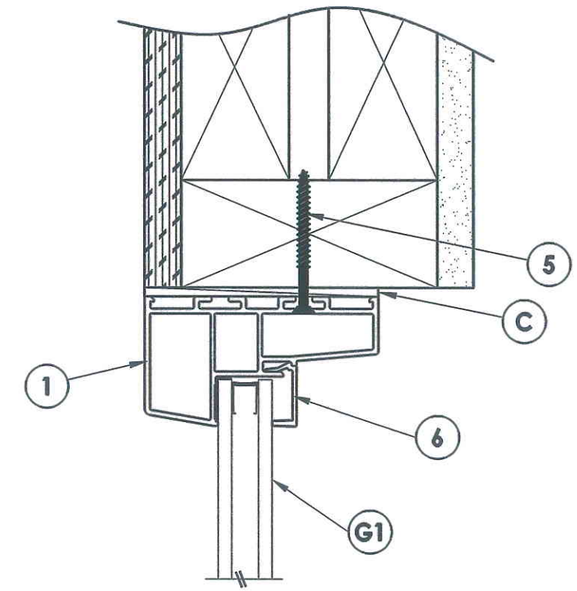


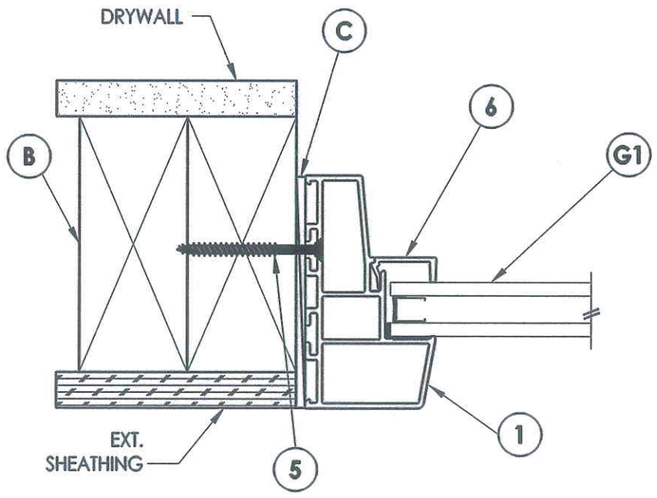
FRAME ANCHORING
2X Stud Construction

2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used.



EXTERIOR

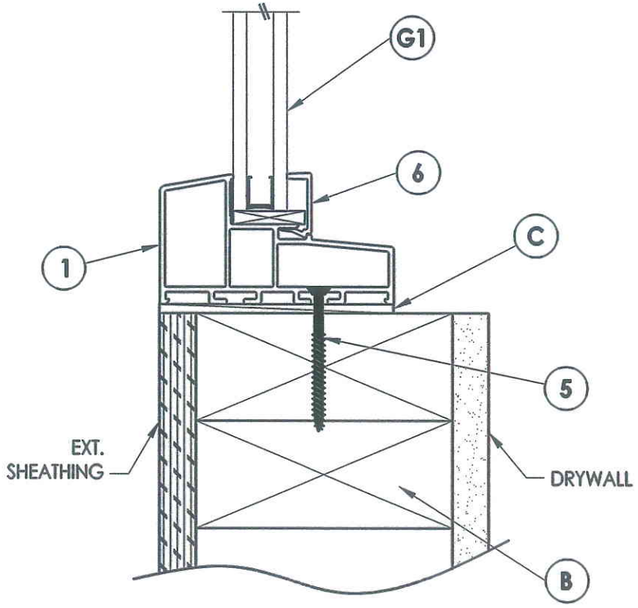
INTERIOR



INTERIOR

EXTERIOR

1/2 HORIZONTAL CROSS SECTION



2/2 VERTICAL CROSS SECTION

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PICTURE WINDOW

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

NO.	DATE	REVISIONS	BY

DATE: 07/05/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4129
SHEET 2 OF 3

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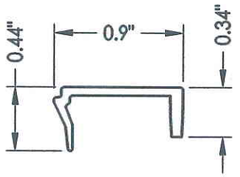
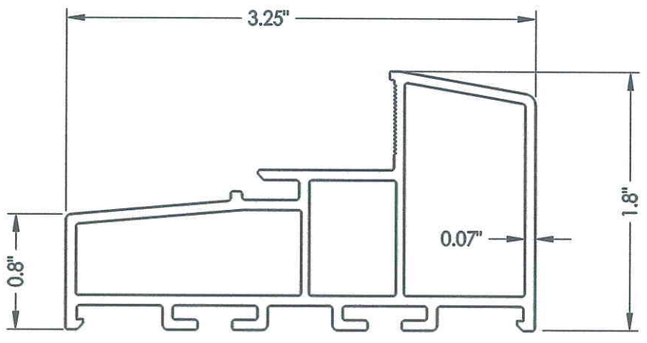
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/8" MAX. SHIM SPACE	-
1	EXTRUDED VINYL FRAME *	RIGID PVC
3	SILICONE GLAZING BY NOVA GUARD	SILICONE
4	GALVANIZED STEEL "U" CHANNEL SQUIGGLE	STEEL
5	#8 X 2" PFH WOOD SCREW	STEEL
6	EXTRUDED VINYL GLAZING BEAD * (3/4" I.G.)	RIGID PVC

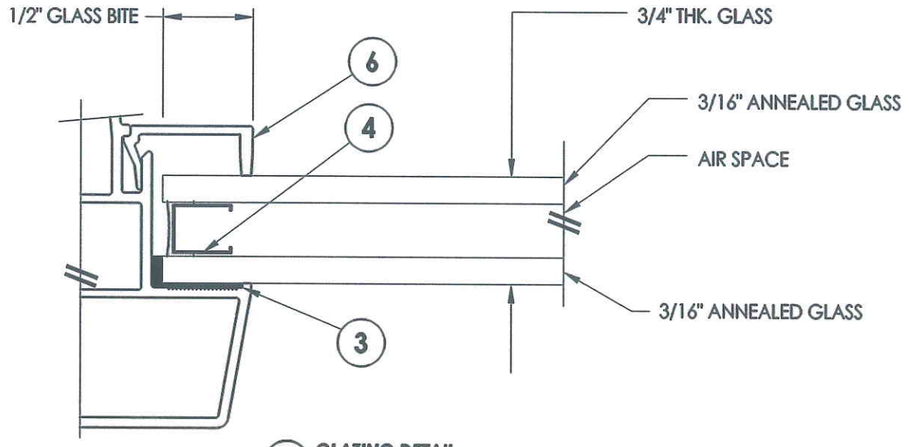
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



6 **GLAZING BEAD**
3/4" I.G.



1 **FRAME**



G1 **GLAZING DETAIL**

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PRODUCT: PICTURE WINDOW

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

NO.	DATE	BY	REVISIONS

DATE: 07/05/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4129
SHEET 3 OF 3

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