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1992 MEC ANNUAL ENERGY CONSUMPTION COMPLIANCE

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Date:	December 18, 2003	Rating No.:	
Building Name:	NAHB 2004 Model Home	Rating Org.:	EIC Inc. / Comfort Home Corp.
Owner's Name:	Home By Design	Phone No.:	717-581-8848
Property		Rater's Name:	Michael A. Brame, CPD, EIT
Address:	Henderson, NV	Rater's No.:	96001
Builder's Name:	Hilltop Development		
Weather Site:	Las Vegas, NV	Rating Type:	Based On Plans
File Name:	0312M01NV.blg	Rating Date:	

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**Annual Energy Consumption (MMBtu)**

	1992 MEC	As Designed
Heating:	97.6	42.8
Cooling:	18.8	9.5
Water Heating:	24.7	18.5
Lights and Appliances:	27.0	27.0
Photovoltaics:	0.0	0.0
Total:	168.1	97.9 *

This home MEETS the annual energy consumption requirements of the 1992 Model Energy Code based on 2535 heating degree-days. (Section 402, Model Energy Code, 1992 edition.)

\* Design consumption is based on the following systems:

Heating: Fuel-fired air distribution, 54.0 kBtuh, 90.0 AFUE.

Cooling: Air conditioner, 24.0 kBtuh, 12.0 SEER.

Heating: Fuel-fired air distribution, 40.0 kBtuh, 80.0 AFUE.

Cooling: Air conditioner, 24.0 kBtuh, 12.0 SEER.

Integrated Htg/DHW: Total cap 30.0 kBtuh. Htg eff 0.82 CAafue. DHW eff 0.65 CAef.

Cooling: Air conditioner, 18.0 kBtuh, 12.0 SEER.

In accordance with the Model Energy Code, building inputs such as setpoints, infiltration rates, and window shading may have been changed prior to calculating annual energy consumption.