



# Energy Efficient New Home Rating Certificate

Builder: Best Home Builders  
 1234 Home Builder Rd  
 Las Vegas, NV 89119  
 Project: Del Mar Village  
 Software Program: EnergyPro v4.7.5 by EnergySoft, LLC  
 for the 2012 International Energy Conservation Code  
 Plan: 1  
 Lot #: 1  
 Home Address: 1234 Happy Lane  
 Las Vegas NV 89119

<b>General Information:</b>		
Conditioned Floor Area: 2,050 sq.ft.	House Description: Single Family Detached	Number of Bedrooms: 3
Conditioned Volume: 18,450 cu.ft.	Foundation Type: Slab-On Grade	Number of Bathrooms: 2

<b>Building Shell Features:</b>		
Attic Portions: R-30	Glazing Average U-Factor: 0.34	Roofing Material: Tile
At Furnace Location: R-19	Glazing Average SHGC: 0.23	Radiant Barrier: Yes
Vaulted Ceiling Portions: N/A		Cool Roof Present: Yes
2x4 Exterior Walls: R-13+R-4 Sheathing	French Door Average U-Factor: 0.28	Roof Reflectance: 0.20
2x6 Exterior Walls: R-19+R-4 Sheathing	French Door Average SHGC: 0.25	Roof Emissivity: 0.90
2x4 Garage Wall (at Cond. Space): R-13		Verified Air Leakage (ACH): 3.00
2x6 Garage Wall (at Cond. Space): R-19	Entry Door: 0.130	Verified Insulation Quality: Grade 1
Floor Above Garage: R-19	Garage Door (at Cond Space): 0.500	
Cantilever: R-19		
Subfloor: N/A		
Slab Edge Insulation: N/A		

<b>Mechanical System Features:</b>		
Heating AFUE: 80.0	Water Heater Type: Storage	Duct Leakage to Outside (cfm): 99.00
Fuel Type: Natural Gas	Distribution Type: Standard	Ventilation System: None
Cooling SEER: 14.0	Tank Volume (gallons): 50	Programmable Setback Thermostat: Yes
Cooling EER: 12.2	Energy Factor: 0.62	Heating: Yes
Fuel Type: Electric	Rated Input (Btu/hr): 40,000	Cooling: Yes
Duct Location: Attic	Recovery Efficiency: N/A	Verified Duct Leakage: 4.0%
Duct R-Value: 6.0	Fuel Type: Natural Gas	

<b>Appliance Features:</b>			
Range / Oven Fuel: Natural Gas	Ceiling Fan (cfm/Watt): 0.00	Clothes Dryer Fuel: Electric	Clothes Dryer EF: N/A
Refrigerator (kWh/yr): 775.00			

<b>Above Code Measures:</b>		
Verified Refrigerant Charge: Yes	Kitchen Faucet (2.0 gpm max.): Yes	Energy Star Dishwasher: Yes
Verified EER: Yes	Showerheads (2.0 gpm max.): Yes	Energy Star Dishwasher EF: 0.46
Verified Air Flow: Yes	Bathroom Sink Faucets (1.5 gpm max.): Yes	Energy Star Range: Yes
Verified Fan Wat Draw: 0.58	Toilets (1.28 gpf max.): Yes	Interior Lighting Percentage (CFL's): 90%
Low Leakage Air Handler: No		Garage Lighting Percentage (CFL's): 90%

Source kBTU/sf-yr	Standard Design 2012 IECC	Proposed Design	Compliance Margin	%
Space Heating:	6.61	4.81	1.80	27.2%
Space Cooling:	22.91	21.29	1.62	7.1%
Fans:	4.40	4.15	0.25	5.7%
Domestic Hot Water:	8.74	8.11	0.63	7.2%
<b>Total:</b>	<b>42.66</b>	<b>38.36</b>	<b>4.30</b>	<b>10.1%</b>

**SNGBP HERS INDEX:**

**68**

**WATER SAVINGS:**

**20,075** gallons/year



This home **exceeds** the minimum criteria for the  
 2012 International Energy Conservation Code  
 And **meets** the minimum criteria for  
**SNHBA Green Building Partnership Program**

Rating Company Name: Energy Verifiers Address: 1000 Green Ln. City, State ZIP: Las Vegas, NV 89117 Phone #: 702.555.xxx Fax #: 702.555.xxx	Rating Number: CO-000000-00000001 Permit Number: 13-0000 Rating Date: Wednesday, November 13, 2014 Rater's Name: Joe Tester Rater's Number: 12345
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Field inspections of this unit (or of other dwelling units under the current ENERGY STAR for Homes Sampling Protocol Guidelines) performed during and after the completion of construction have confirmed that all features of the home affecting such heating and cooling energy consumption comply with the design specification provided.