Green Feature Definitions

Pool - Private
Variable Speed Pump: A type of pump that runs at reduced energy levels
Solar Thermal System: Method of heating swimming pool water through collector plates/tubes

Construction
Blown Cellulose: Blown in plant fiber insulation
Insulated Concrete Forms: Interlocking hollow foam blocks stacked to form walls and filled with concrete
Panelized Construction: Pre-engineered wall panels and roofs assembled on site
Rammed Earth: Wall system made of compacted ground, sand and clay
Spray Foam Insulation: Insulation sprayed onto wall or attic surfaces to form an air tight seal
Straw-bale: Type of construction using bales of straw as a supporting platform

Green/Energy Cert
HPwES (Home Performance with Energy Star)

 Cooling
HVAC SEER Rating: SEER = Seasonal Energy Efficiency Ratio

 Plumbing
Recirculation Pump: A water conservation pump providing nearly instant hot water at the point of use.
Tankless Hot Water Heater: Provides hot water only as needed quickly to the point of use (a.k.a. Instantaneous or Demand Water Heater)
Dual Flush Toilet: Ability to flush different levels of water
Low Flow Fixtures: Fixture that reduce water flow
Reclaimed Water System: Grey water for irrigation or toilet use
Rainwater Capture System: Water capture system without purification
Solar Hot Water Heater: solar collectors provide preheated water to the hot water heater to reduce the time and power needed to fully heat
Water Sense Faucets/Fixtures: EPA program for faucets/fixtures that use less water

Windows
Low-E: Low emissivity coating to reduce gradient heat flow

 Construction Finish
Low VOC Paint: Paint containing fewer Volatile Organic Compounds than traditional paint, and labeled as such
No VOC Paint: Paint containing no Volatile Organic Compounds, and labeled as such
**EIFS Synthetic Stucco**: Exterior insulation and finish system that is comprised of 3 layers (inner foam insulation board, polymer and cement base coat, and exterior finish coat).

**Roofing**

*Sub Tile Ventilation*: Construction that raises the tile off of the roof deck allowing an air space for heat build-up to escape and for increased ventilation

*Reflective Coating*: Coating that deflects heat gain allowing for cooler interior and attic temperatures

**Kitchen Features**

*Built In Recycling Center*: Space dedicated to bins used for trash or recycling.

**Flooring**

*Sustainable*: flooring made from natural, recycled, reclaimed or certified sources without the use of toxic chemicals in manufacturing or installation.

**Technology**

*Smart Home System*: the integration of the residence’s various home automation systems.

**HERS Rating**

*HERS Rating*: (Home Energy Rating) a numeric value representing a professionally certified energy analysis of the home’s design.

**Energy/Green Features**

*Fresh Air Mechanical Ventilation*: A system to provide outside air to the entire interior with a dedicated fan

*Solar Tubes*: A tunnel type construction from the roof to the interior ceiling to provide daylight

*Energy Audit*: a professional inspection that includes IR photography, blower door test and other forms of advanced inspection techniques.

*Gray Water System*: a system to collect wastewater generated from domestic processes such as dish washing, laundry and bathing, for reuse.