



Standing Stone Builders, Inc

www.standingstonebuilders.com

- **Overall Description:** Built by Standing Stone Builders, Inc. in 2011-12, this gold level green- built certified home is located in Butler Mountain Estates in Fairview, NC. The contemporary mountain home design is rich in detail with highlights of quarter sewn oak harvested from the site, concrete finishes and locally hand-crafted cabinetry. The home faces southeast with a breathtaking view as far as the eye can see.

- **Energy Efficiency:** This home has a HERS index of 66. Efficiency features include a ground source (geothermal) heating and cooling system with four individually controlled zones. A desuperheater was added for extremely efficient domestic hot water heating. Advanced framing techniques combined with 100% foam insulation has created an extremely efficient thermal envelope. All appliances are Energy Star rated.

- **Resource Efficiency:** Much of the oak utilized at the interior was harvested from the site. 100% of the decking and exterior trim was created from locally-harvested locust.

- **Water Efficiency:** 95% of the rainwater that falls on this home funnels from a standing seam metal roof to a 2,500 gallon, underground cistern. The water is used for toilet flushing and irrigation. All showerheads and faucets are low-flow.

- **Indoor Air Quality:** An Energy Recovery Ventilator (ERV) functions as the lung of the house. Fresh air is brought in every day without the heating and cooling losses associated with opening up the home.

- **Other Partners/Professionals involved in Project:** Wilson Architects, Alchemy Design Studio, Blue Planet Plumbing, Peak Electric, Bullman Heating & Air.