

Bannister House

Size: approx. 2600 square feet (A/C)
William Peck and Associates Architects
Design Team: Bill Peck, Maria Issohoni
(972) 221-1424

Completion Date: Sept. 1, 2007
GreenCraft Builders LLC.,Builder
Project Manager: Chris Miles
(214) 718-8424



What - Award winning architect **William Peck (William Peck & Associates)** and builder **Chris Miles (GreenCraft Builders LLC)** have teamed up to build this unique, affordable, and environmentally friendly home. This home is a demonstration project for the **US Department of Energy’s “Building America” program** to encourage homeowners and builders to live and build in a more fiscally and environmentally sensible manner. The Building Science Consortium has included this home as one of their national projects for 2007. Additional certifications will include:

- LEED-H
- Dallas HBA Green Build

Where - A circa 1900 folk vernacular style, the high performance Bannister House will begin construction in March 07, on Ball Street in Grapevine, Texas, just 4 blocks west of historic downtown Main Street. The Bannister House will host several consumer and builder educational events and tours.

Features - \$80 per month average cost to heat and cool this three bedroom, 2385 square foot home. Proper solar orientation, a ventilated radiant barrier roof system, careful air-infiltration control, spray foam insulation, advanced framing construction, air sealed attic, 16 seer, variable speed, dual fuel heat pump, a light exterior color scheme, enhanced natural ventilation, and solar water heating are among the technical strategies included that make this home perform so well. Other features include universal design; low maintenance and low voc materials; and rainwater collection for irrigation.