

# WHAT MAKES THIS HOME GREEN?



118 Mystic Lane Pittsboro, NC

## THE ENVELOPE

- Air tight insulation systems using open cell spray foam insulation for reduced energy consumption
- High Performance Dual Glazed Low E windows for reduced energy consumption
- Insulated Fiberglass Entry Doors for reduced energy consumption
- Sealed Crawlspace for reduced energy consumption and healthier indoor air
- Third party inspections during construction include a blower door test for house air tightness and a duct pressure test for duct air leakage and ensure reduced energy consumption
- ENERGY STAR® Certification qualifies owner for 5% reduction in Progress Energy bills
- Lowered energy usage reduces carbon emissions

## HEATING AND COOLING SYSTEMS

- **Geothermal** HVAC system engineered for optimum efficiency & hot water production. **Renewable Energy Tax Credits Available.**
- Programmable thermostat for reduced energy consumption
- All duct work in conditioned and semi-conditioned spaces for reduced energy consumption
- Substantially reduced allergen and mold contact with the use of pleated air filters
- Engineered fresh air intakes for healthier indoor air

## MATERIAL CHOICES

- Fiber Cement Board Siding (James Hardi® Plank) which is termite and rot resistant
- MiraTEC® exterior trim materials with post consumer recycled content
- Formaldehyde-free Advantech® sub flooring for healthier indoor air
- All compact fluorescent and fluorescent lamping for reduced energy consumption
- ENERGY STAR® rated appliances for reduced energy consumption