

# **Standard Green Features**



## **Insulation:**

- Exterior Walls R-21 and R-4 Rigid insulation (R-25 equivalent)**
- Ceiling R-49 Insulation**
- High tech reflective roof sheathing (ENERGY STAR)**
- Foundation R-10 Rigid Insulation**
- Duct Work wrapped with R-8**
- Hot Water Piping wrapped with R-4**
- Expanding foam sealant around window perimeter**
- Expanding foam sealant at all penetrations**

**High efficacy lighting.**

**Energy Star Dishwasher .**

**Programmable Thermostats.**

**Low V.O.C. Paints.**

**Environmentally friendly lumber.**

**Solar Photovoltaic Rough-in.**

**Low conductive vinyl, high efficiency double pane Low-E Windows.**

**Computer generated Manual J analysis ensures maximum efficiency heating and cooling, precision duct and system sizing and load calculations.**

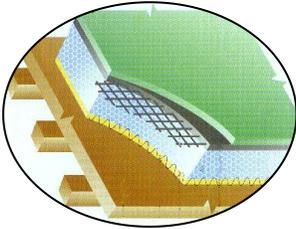
**Third-Party Blower Door Test to verify minimal air leakage and specific air exchange rate.**

**Third-party Bypass Inspection of the thermal envelope to ensure proper energy efficient construction techniques.**

**Re-circulating hot water pump, Low-flow toilets, shower heads and faucets, Programmable drip irrigation and Xeriscaping.**



**R-21 batt Insulation with vapor barrier on 2x6 exterior walls 24" on center**



**Exterior walls wrapped with R-4 rigid insulation acts as an additional thermal break**



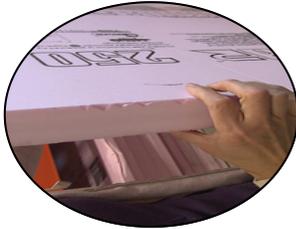
**Thermal boundary third-Party tested and certified to ensure minimal air leakage.**



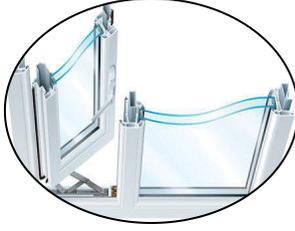
**LP Techsheild radiant barrier sheathing**



**Ceiling Insulation blown-in R-49 with vapor barrier**



**R-10 rigid insulation at exterior Footing**



**Low conductive vinyl High Efficiency Double pane Low-e windows**



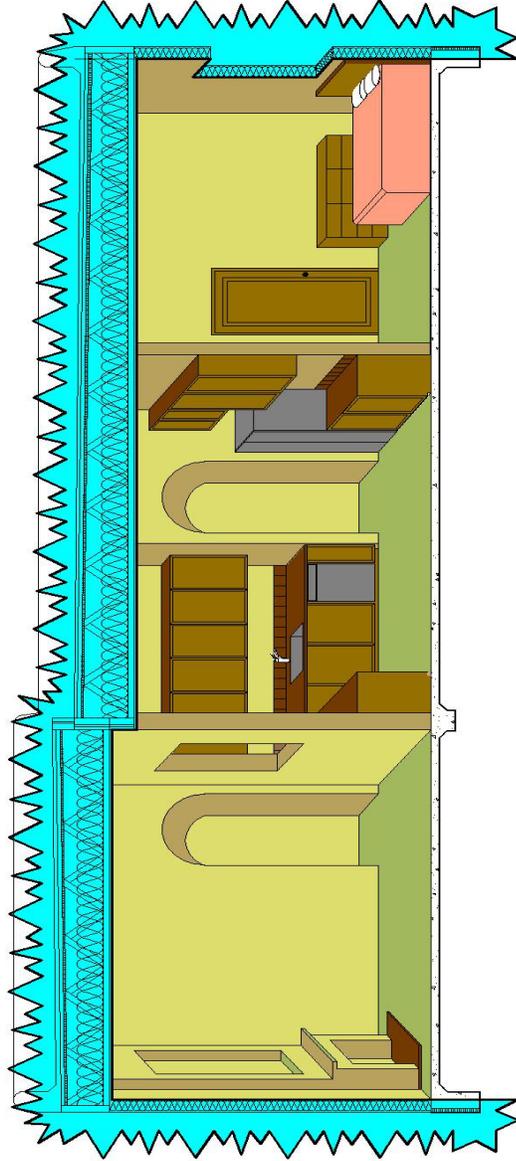
**Cauked perimeter Sill gasket under 2x6 bottom plate**



**Foam sealant at window perimeter**



**Foam sealant at all penetrations**



# **THERMAL BOUNDARY SHIELD**