Green Features Of Wolf Creek Lodge Cohousing

**Passive Solar Heating:** Increased interior mass, 90% recycled cellulose super insulation, perimeter foundation insulation, efficient windows, radiant barriers, buildings oriented for optimum solar gain.

**Passive Cooling:** No need for air conditioners in homes, increased interior mass, whole house fans, radiant sun barriers, ceiling fans, optimum cross ventilation.

**Low Electricity Use:** Fluorescent lights, energy efficient refrigerators.

**Hydronic Heating System:** One energy efficient boiler for entire Lodge.

**Low Toxicity Materials:** Bamboo flooring, cellulose insulation, low toxicity paint, low formaldehyde materials, Marmoleum flooring, Tectum acoustic tiles in common building.

**Responsible Water Use:** Low water use fixtures, dual flush toilets.

**Responsible Forestry:** Advanced framing, 25% to 40% less lumber used to build the same square footage, less than half the lumber used for a typical new house.

**Responsible Resource Use:** Low construction waste, recycled cellulose, sustainable ceiling tiles, reduced county wide sprawl by building where services already exist (sewer and water).

**Air Quality:** No wood stoves, non-smoking environment.

**Walkable Location:** Goods and services (grocery, retail, shopping, restaurants) are right next door, pedestrian/elder friendly site design.

**Minimum Impact Possible:** Conscientious grading and tree removal, thirty percent of the site left as open space.

**Reduced Driving:** Studies show that folks who live in cohousing drive 25% less and own fewer autos.

**Responsible Landscaping:** Plantings and new trees, indigenous grasses & draught tolerant plants, minimum water use and other key permaculture attributes, on-site drain water management, water retention on site.

**Mother Lode Inspired Architecture:** Preserves heritage, green within context.

**Community:** Lower consumption, sharing of resources, commitment to sustainable living.

**Solar hot water heating** in the design phase.