



## Here Is BEAUTIFUL Energy-saving construction

- An estimated 80% savings in operating costs for heating, cooling, and lighting.
- Long-term economic returns and human habitat functionality.
- The first demonstration of our CelestranS™ (patent pending) cooling system. Water is cooled by a combination of conduction, evaporation, and radiation during the night and early morning hours, filtered, then circulated through tubing incorporated in the building structure.
- Greater comfort, lower operating and maintenance costs, and provision for rainwater reclamation.
- 14" thick walls to provide more thermal mass, built with semi-stabilized adobes made on site that have a breaking strength 6-18 times that of most earth built walls.
- Enhanced perimeter insulation
- A radiant barrier above recycled cellulose insulation to reduce heating and cooling and improve resistance to fire, insects and mold.
- Concrete slab with extra reinforcement and a high fly ash content for easy maintenance, improved durability and reduced environmental impact.
- Low-E wood windows and roof windows with interior insulating shutters.
- High efficiency fluorescent lighting.
- Super insulated water heater.

with:

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