

impact of the construction.

"The goal of the home is to 'net' zero energy usage over the course of time. The way the home is designed it will generate as much energy as it uses. Through the combination of state-of-the-art, energy-efficient construction and appliances and renewable energy the home is expected to send energy meters running backwards at times.

"We're using 10-inch thick concrete blocks to form the home's structure and those blocks will absorb both heat and cold and then distribute it when needed throughout the house. We've also designed ways to utilize natural light, the sun to heat water and distribute energy and special flooring that will help keep the house warm during the winter."

The approximate 3,500-square-foot home will be completed around the end of August, in time for the annual Parade of Homes. The market value will be between \$600,000 and \$650,000 and will include a screened porch and a 2.5-car garage.

"We're proud to be part of this project and to have the opportunity to educate consumers about energy efficiency, sustainability and low-maintenance building practices," said Brian Romike, James Hardie regional sales manager.

To help with the project, Peter Pfeiffer was called upon to design the home. Pfeiffer specializes in "sustainable" or "green" building practices and is considered one of the leading experts on passive cooling strategies and radiant barriers. Since 1987, Pfeiffer's firm has completed more than 400 commercial and residential projects and garnered several local and national awards for homes that conserve resources and minimize pollution. In 2003, Pfeiffer's home in Austin was named "the greenest home in America."

The 2004 Dallas Parade of Homes is being held at Lone Star Ranch Sept. 4-26. Lone Star Ranch is located on Lebanon Road just east of Farm to Market 423.

©Star Community Newspapers 2004

Advertisement



**Earn a degree.
It's your life.
It's your career.**

**Earn a degree
and get ahead
in your career.**

**Click Here to
learn more!**

Bachelor of Science:

- Business / Accounting
- Business / Administration
- Business / e-Business
- Business / Management
- Business / Marketing
- Criminal Justice Admin.

Master of Science :

- Computer Info. Systems
- Nursing
- Nursing / Family Practitioner

Master of Business:

- Administration
- Administration / Accounting
- Administration / e-Business
- Administration / Global Management
- Administration / Health Care Management

Master in Education:

- Admin. and Supervision
- Curriculum and Instruction
- Early Childhood Education