

GOVERNOR'S ENERGY LEADERSHIP RECONITION

Rose Flora and Vaughn Flora

Apartments for moderate income citizens were planned and constructed by Rose Flora and Vaughn Flora in east Topeka. Known as the T-Town Homes, the complex exemplifies the modern energy savings features possible using state-of-the-art technology.

Insulated Concrete Forms were used featuring R-20 plus exterior walls. All interior walls featured cellulose insulation for soundproofing and comfort. An insulated slab edge rating of R-10 was obtained.

Blower Door testing indicated below .2 air changes per hour for air conditioning and heating.

The apartments feature R-50 cellulose attic insulation and Low-E, argon filled, double pane windows. Compact fluorescent lighting and Energy Star appliances were used throughout.

Heating and air conditioning are supplied by Ground Source Heat Pumps.

The 1,000 square foot, two bedroom apartment unit that has been monitored since construction since 2001 averages about \$35 per month for the TOTAL energy bill.