



## NEWS RELEASE/EVENT ADVISORY

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### **Advanced Energy Efficient Home Built by Salt Lake County and Community Development Corporation of Utah Amounts to Big Savings for New Homeowner**

***Magna, Salt Lake County, Utah (13 October 2006)***—A newly constructed, advanced energy efficient home at 2882 South 8800 West in Magna Utah has achieved an exceptional “Five Star” energy rating and is expected to save it’s new owner more than \$400 per year compared with a house built with standard construction methods. This is great news for 95-year-old Eileen Richesson who has the home under contract to purchase.

Salt Lake County and CDC removed an unsafe, obsolete home from the property where the new home stands. They committed early to build a cost-effective, energy efficient prototype home that could be used to promote innovative building practices and materials, while constructing a house that can be replicated. The partnership engaged Steven Winter Associates (SWA), an architecture and engineering research and consulting firm specializing in building science and energy efficiency. SWA has a contract with the US Department of Energy to provide technical assistance to projects like this home in Magna.

As a result of unique design and construction, **this 1,150 square foot, three bedroom/two bathroom home has achieved the rating of five stars** on the Uniform Energy Rating System. Specifically, **it scores a 57 on the Home Energy Rating System (HERS) scale of relative energy efficiency**. The rating is based on the efficiency of the thermal envelope and the heating, ventilating, and air conditioning system and is obtained by on-site inspection and calculations. The lower the score on the HERS scale of 0 to 500, the better. Some of the features that contribute to the exceptional efficiency of this home include:

- Frost protected shallow foundation
- Standard energy-heel trusses insulated with R-40 blown-in insulation
- High performance, double pane, low-e windows
- Specialized evaporative cooler and supplied by a single register centrally located in the main hallway
- Hydronic heating system supplied by a high-efficiency, tankless, wall-hung, gas boiler which provides both heating and domestic hot water for the home
- Energy efficient appliances and lighting

This is a big relief to Eileen who lives on a fixed income and wondered how she would be able to relocate to the area to live near her family. “The home is beautiful and it will save me money. I am so grateful.”

Magna, an unincorporated township in Salt Lake County, has a significant portion of dilapidated housing that dates back to the mining boom of the early

1900s which transformed the small agriculture-based town, then Pleasant Green, into the copper mining center of the United States. The partnership of Salt Lake County and the CDC has built more than 20 new homes in the township and rehabilitated another 20 houses.

To mark the success of the partnership, **Salt Lake County and CDC are hosting a ribbon-cutting at the home at 2882 South 8800 West at 10 AM on Monday, 16 October 2006.** Representatives from the media are invited to attend. Salt Lake County Mayor Peter Corroon is scheduled to attend and offer remarks. This event falls during national "Energy Month" and the Energy Star "Change a Light, Change the World" campaign to promote energy efficiency and conservation throughout the United States. For more information, go to [www.energystar.gov](http://www.energystar.gov).

The Community Development Corporation of Utah ([CDCUtah.org](http://CDCUtah.org)) is a Utah non-profit corporation founded in 1991 with the mission to develop affordable housing in order to promote strong families and stable neighborhoods. To date, the CDC has aided more than 1600 families in more than 125 communities to become homeowners. Programs offered by the CDC include new home construction, homebuyer education and counseling, and down payment assistance.

###CDC###