



Outstanding Small K-12 Project Odyssey Elementary

This \$17 million project is billed as Utah's first Net-Zero Energy K-12 school, and the most energy-efficient public school in the state. Sustainability and energy efficiency were two of the primary goals from the outset of the design process. Odyssey has a sophisticated lighting control system complete with occupancy sensors. It makes use of L-E-D lighting, which can be dimmed, allowing

more control and reduced energy use. Other features include a PV solar array on the roof, sunshades on south-facing windows and a ground source heat pump to aid in building conditioning. Air distribution is accomplished through thermal displacement ventilation. Energy costs are estimated to be half as much as an equivalent school. This building's success could signal a new future in K-12

design and construction in regards to energy use and sustainability.

Odyssey Elementary

Owner: Davis School District

Architect: VCBO Architecture

GC: Hughes General Contractors

Civil: Ensign Engineering

Electrical: Envision Engineering

Mechanical: Van Boerum & Frank Associates

Structural: Bsumek Mu and Associates

Mech. Sub: RK Mechanical

Elec. Sub: Arco Electric

