



**DESIGNED TO EARN THE ENERGY STAR**

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

**Architect, Structural Engineer and Planner:**  
SHW Group LLP Dallas, TX

**Consultants:**

**MEP:**

Estes McClure and Associates Inc.

**Civil:**

MJ Thomas Engineering, LLP

**Food Service:**

JMK Food Service Consulting & Design, LLC

**Construction Management:**

Pogue Construction



**Sendera Ranch Elementary #13**  
Fort Worth, Texas

Northwest ISD  
Superintendent:  
Dr. Karen Rue

Designed: 4/11/07

Estimated Completion: 7/1/08

Total Area: 81,191 SF

Passive Thermal Control By Use Of R-19 Wall Insulation And R-25 Roof Insulation

All Core Classrooms Have Daylight;

79% Of Occupied Spaces Have Daylighting

Energy Cost/Sf: \$91,600/81,191 Sf = \$1.13 Per Square Foot

Energy Use Intensity (EUI) = 115.6 Kbtu/Sf/Yr

Energy Savings = 2,434,688 Kbtu

CO2 Savings = 271,800 Lbs CO2

Percent CO2 Reduction = 20%

