



Millard School - Pike County, KY

Owner: Pike County Schools
Contact: Reed Adkins, Superintendent
Phone: 606.433.9200
Email: reed.adkins@pike.kyschools.us
Building Area: 86,000 SF.
Construction Cost: \$ 19,000,000
Project Status: Construction Complete

Project Description: This project is a new two story elementary/middle P-8 school designed for 800 students. It contains the latest in technology for the Media Center, computer rooms, and science labs. It has been designed to with infrastructure provisions for future growth.

Engineering Highlights:

HVAC/Plumbing:

HVAC system is based on a boiler/tower water loop heat pump system. Outside air is tempered using dedicated outside air energy recovery units. Building is designed to meet Energy Star rating and utilizes a state-of-the-art computerized control system that controls all HVAC equipment in every space. This allows any space or piece of equipment to be monitored, adjusted, and troubleshoot from anywhere there is a PC with internet connection. Design also included a complete on site water distribution system for the new building and future growth of the development.

Electrical/Systems:

This building is located in a new site that covers hundreds of acres. Overhead and underground primary distribution systems had to be provided to power this and other buildings on this site development. This facility has science rooms with emergency shut down circuitry. Building has enhanced gym sound system that doubles as a performance grade sound system. Power and controls design were provided for on-site packaged wastewater treatment plant and pumping station. The lighting system design incorporates a 100% LED lighting solution controlled by a networked digital lighting control system. This combination delivers energy savings and increased user configurability by integrating time based, daylight based, sensor based and manual lighting control schemes.