

# CAMP ERNST MIDDLE SCHOOL

BURLINGTON, KENTUCKY

**OWNER : BOONE COUNTY BOARD OF EDUCATION  
DR. BRYAN BLAVATT, SUPERINTENDENT**

*Construction for this 900 student middle school began in January 2004 and was completed in August 2005. This is a single story facility with approximately 111,377 square feet. The total M&E construction cost was \$4,417,700.00 which was \$146,000.00 below the projected estimate by KTA, Inc.*

*The mechanical system for this facility consists of a geo-thermal water source heat pump system utilizing a vertical closed loop well field installed in front of the school. Heat recovery make-up air handling units provide tempered fresh outside air to the building. Domestic hot water is provided by electric water heaters. Fire protection is provided by a wet pipe sprinkler system.*

*The electrical system consists of creative lighting designs and energy efficient classroom lighting. The building incorporates wireless data network infrastructure, digital CCTV camera systems, state-of-the-art intercom, clock and fire alarm systems.. Emergency power is provided by fuel oil-fired generator.*

*This building incorporates the use of a equipment platform area above the corridors for the installation of mechanical and electrical equipment. This installation provides for easy maintenance without having to disrupt teaching time.*



## KTA, INC.

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