

EDYTHE JONES HAYES MIDDLE SCHOOL

LEXINGTON, KENTUCKY

OWNER : FAYETTE COUNTY BOARD OF EDUCATION
MR. STUART SILBERMAN, SUPERINTENDENT

Construction for this 900 student middle school began in March 2003 and was completed in August 2004. This is a single story facility with approximately 103,873 square feet. The total M&E construction cost was \$3,491,000.00 which was \$271,000.00 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 beneath the school's parking lot. 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 and a LCD classroom projector system. 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.



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