

**KTA, Inc.**

# RUSSELL SPRINGS ELEMENTARY SCHOOL

RUSSELL SPRINGS, KENTUCKY

## NEW ELEMENTARY SCHOOL GEOTHERMAL DESIGN

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Lexington, Kentucky 40511  
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LOBBY/ OFFICE AREA



OFFICE AREA LIGHTING



ELECTRICAL IN MEZZANINE

NEW ELEMENTARY SCHOOL  
68,200 SQUARE FEET  
650 STUDENTS

MECHANICAL SYSTEMS: GEOTHERMAL WELL FIELD  
WATER SOURCE HEAT PUMPS  
HEAT RECOVERY MAKEUP AIR UNITS

ELECTRICAL SYSTEMS: ENERGY EFFICIENT LIGHTING  
STATE OF THE ART VOICE/DATA  
INFRASTRUCTURE  
DESIGNED FOR EASE OF FUTURE  
EXPANSION

OWNER: RUSSELL COUNTY BOARD OF EDUCATION  
MR. SCOTT PIERCE, SUPERINTENDENT

START DATE: JUNE 30, 1999  
FINAL COMPLETION DATE: DECEMBER 1, 2001

ORIGINAL BUDGET/ ESTIMATE (M/E): \$2,155,128.00  
ORIGINAL CONTRACT AMOUNT (M/E): \$2,141,857.00



CORRIDOR



MEZZANINE ABOVE CORRIDOR