

MARTIN ENGINEERING DESIGN, Inc.

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PURPOSE STATEMENT

MARTIN ENGINEERING DESIGN is dedicated to providing Electrical, Lighting, Mechanical and Plumbing Engineering for the Architectural and Building Industries in the State of Oklahoma; established in 1979 with a focus on health care, educational and geothermal projects.

PROJECT EXPERIENCE with EDUCATIONAL FACILITIES:

The following projects are representative of our educational design experience:



Design Build with Key Construction

New student housing dorm and club house tied into existing district geothermal delivery system that serves the main campus with expansion capabilities. System includes addition of geothermal energy (well) fields on the North side of the building to the existing geothermal district delivery system. Geothermal source heat pumps using vertical bore earth heat exchangers (196 ton system). Includes design of additional geothermal energy (well) fields for phase 2, 255 bed dorm.

ROGERS STATE UNIVERSITY STUDENT HOUSING, Claremore



Bates LZW Architects

Premier Aeronautical Vo-Tech facility in the United States. The 280,000 square foot facility includes two large hangars suitable for modern jet liners, hypobaric and hyperbaric chambers, avionics, turbine and piston engine run up/test chambers.

TTC RIVERSIDE CAMPUS, Tulsa



Bates LZW Architects

First three buildings of a 13 building campus. The 220,000 square foot facility houses biology and sciences laboratories, classrooms, computer labs and administrative buildings. Geothermal source heat pumps using vertical bore earth heat exchangers (724 ton system).

NORTHEASTERN STATE UNIVERSITY, Phase 1, Broken Arrow



JSR Architects

Second phase three buildings of a 13 building campus. The 158,000 square foot facility provides a Library Building, Science Building and Classroom Building. Geothermal source heat pumps using vertical bore earth heat exchangers (522 ton system).

NORTHEASTERN STATE UNIVERSITY, Phase 2, Broken Arrow

PROJECT EXPERIENCE with EDUCATIONAL FACILITIES:

The following projects are representative of our educational design experience:



Property Arts Inc.

Stand alone performing arts theater seats over 1200 and includes a band practice room. The 29,000 square foot facility includes complete theater curtain, stage lighting and sound system.

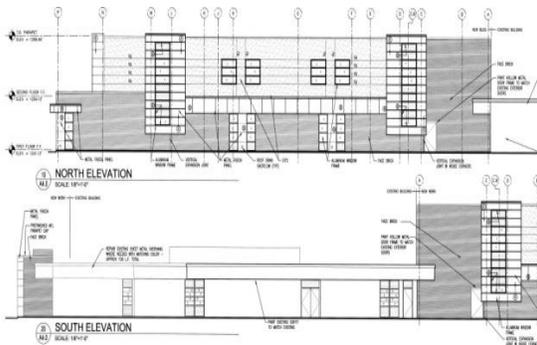
WAGONER P.S. PERFORMING ARTS THEATER, Wagoner



Johnson Controls, Geothermal Builders

District delivery system that serves the main campus with expansion capabilities. System serves two classroom buildings, one administration building, one auditorium with reserve capacity to serve the new Student Union building. System utilizes geothermal energy (well) fields at each side of the campus. Geothermal source heat pumps using vertical bore earth heat exchangers (360 ton system).

ROGERS STATE UNIVERSITY, Claremore



JHBR Architects

Renovation of existing and new addition, total 73,140 square foot facility includes administrative, food service, library and classrooms. Project included all new electronic systems, fire alarm, cctv, intrusion, lan, wireless clock system for entire facility. Engineered outside air units to correct existing building outside air and humidity.

PARMELEE ELEMENTARY SCHOOL, Oklahoma City



Eastern Oklahoma Tribal Schools Architects

Stand alone 37,000 square foot elementary school on the Jones Academy property, adjacent to the boy's dormitory, no food service. System utilizes geothermal a single energy field. Geothermal source heat pumps using vertical bore earth heat exchangers (120 ton system). Project completed in 2008.

JONES ACADEMY, Hartshorne

PROJECT EXPERIENCE with EDUCATIONAL FACILITIES:

The following projects are representative of our educational design experience:



JHBR Architects

First phase for the city 54,000 square foot elementary school, replacing existing multiple schools; includes administrative, food service, library and classrooms. System utilizes geothermal energy (well) fields on two sides of the building and under the parking lot. Geothermal source heat pumps using vertical bore earth heat exchangers (144 ton system). Project completed in 2007

ARDMORE ELEMENTARY SCHOOL, Ardmore



Stacy Group Architects

Stand alone 29,000 square foot early childhood elementary school, no food service. System utilizes geothermal multiple energy fields. Geothermal source heat pumps using vertical bore earth heat exchangers (106 ton system). Project completed in 2007. School building has won numerous design awards.

COLLINSVILLE EARLY CHILDHOOD DEVELOPMENT, Collinsville



JHBR Architects

Renovation of existing and new addition, total 66,000 square foot facility includes administrative, food service, library and classrooms. Project included all new electronic systems, fire alarm, cctv, intrusion, lan, wireless clock system for entire facility. Considerable engineering to rectify existing problems with outside air and high humidity,.

COOLIDGE ELEMENTARY SCHOOL, Oklahoma City



Oklahoma State University – Institute of Technology

Stand alone 24,30 square foot training center. System utilizes multiple geothermal energy fields. Geothermal source heat pumps using vertical bore earth heat exchangers (60 ton system). Project to be complete in 2013.

OSU CHESAPEAKE ENERGY TRAINING CENTER, Okmulgee