

# 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 MEDICAL FACILITIES:

The following projects are representative of our medical design experience:



**OKLAHOMA VETERANS CENTER, Norman**

*Gralla-Rees Architects*

300 bed long term care facility for Oklahoma Veterans. Mechanical and Plumbing design only, 540 ton closed loop water source heat pump using an eight acre pond as a geothermal sink.



**DEACONESS HOSPITAL CENTRAL PLANT, Oklahoma City**

*Rees Architects*

New 2100 ton total Centrifugal Chillers, 1000 HP Steam Boilers including total new pne systems and electrical service to hospital in original central plant location with hospital fully operational with no shutdowns.



**ADVANCE UROLOGY AND WELLNESS CENTER, Muskogee**

*Dr. Jewell Daniels & Freese Johnson*

Stand alone 15,000 square foot medical office building complete with cat scan and lab facilities. System utilizes geothermal multiple energy fields. Geothermal source heat pumps using vertical bore earth heat exchangers (44 ton system).



**VETERANS CENTER, Ardmore**

*Gralla-Rees Architects*

135 bed long term care additions and kitchen/dining for existing facilities for Oklahoma Veterans. Electrical and Mechanical design, Geothermal closed loop water source heat pumps (90 tons) using vertical bore earth heat exchangers.

**PROJECT EXPERIENCE with MEDICAL FACILITIES:**

The following projects are representative of our medical design experience:



*Bates LZW Architects*

PME for multiple facility expansions/renovations including, but not limited to sterile core, post and pre-op, surgical areas, rehab, imaging areas and colonoscopy.

**OKLAHOMA SURGICAL HOSPITAL, Citiplex Tulsa**



*JHBR Architecture*

Provided PME for addition of two new floors, 47,000 square feet. One of the floors is home to Oklahoma Regional Heart Institute and the other is dedicated to medical/surgical patients.

**MIDWEST REGIONAL MEDICAL CENTER, 7<sup>th</sup> & 8<sup>th</sup> FLOOR ADDITION, Midwest City**



*Bates LZW Architects*

Four story, 95,000 square foot full service hospital. Facilities includes four operating suites, 45 bed patient tower, full radiology, food court, administration. Geothermal source heat pumps using vertical bore earth heat exchangers (420 ton system). LEED Gold project.

**MUSKOGEE COMMUNITY HOSPITAL, Muskogee**