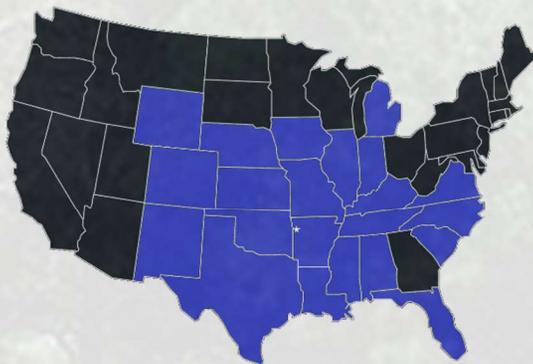


SERVICES
MECHANICAL DESIGN
ELECTRICAL DESIGN
PLUMBING DESIGN
UTILITY DESIGN

Our design philosophy is simple: provide the client with energy efficient, cost conscious design services in a professional and timely manner.

Licensed in 22 States



DESIGN PROFESSIONALS

Gregory L. Burrows, PE Principal
Keith A. Yancey, PE Senior Engineer
Christie D. Smith, PE Senior Engineer
John N. Sidwell, PE Business Development
Jerry L. Terrell, PE BIM Manager
Kasandra M. Martin, LEED AP ID+C

Office Locations

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Burrows and Associates Engineering Consultants, Ltd. was formed in 1989 and provides a wide range of engineering design services. Those services include HVAC design, plumbing and process piping design, lighting system design, electrical system design, communications and data system design, site utility design and energy system analysis.

In our 27 year history, we have worked on virtually every type of building MEP project. We have over 70 years of building MEP design experience with our 5 Professional Engineers on staff and an additional 40 years of experience in design and project management in the firm. We are currently the prime design professional for the Military Department of Arkansas (2015- 2022) and have completed multiple projects at Fort Chaffee, Little Rock Air Force Base and Ebbing Air Guard base.

Let us leverage our extensive design experience on your next project.



Engineering Consultants LTD

3924 North Highway 71
Alma, AR 72921
479-430-7500

**Mechanical, Electrical and Plumbing
Consulting Engineers**

**DOD, Military and Veterans
Administration Experience
2018**

Little Rock Air Force Base

Mechanical, Electrical and Plumbing (MEP)
Design work multiple renovation projects.

Building 980 - Base Theater

The renovation includes a new chiller, boiler and air handling units, new DDC controls, new lighting (including theater lighting). Electrical upgrades will include a new service and upgrades to the distribution panels.

Building 1036 - DV Suites

Upgrade and replace the HVAC system as well as upgrade the Distinguished Visitors Suites. Those upgrades include new chiller, hydronic piping, fan coil units, wireless controls, plumbing fixtures and lighting fixtures.

Building 748 Marine Corps Dormitory

This project consists of a complete demolition and reconstruction of all bathrooms and a partial demolition and reconstruction of all dormitory rooms. In addition there are upgrades to the fresh air system and upgrades to common area lighting systems.

Building 986 Dormitory Warehouse

This project consists of complete HVAC, natural gas piping, lighting and electrical replacement for an existing warehouse used to store dormitory fixtures and furnishings.

Building 282 Hangar

This project consists of lighting and power upgrades to an existing hanger used to paint aircraft and aircraft parts. Lighting and power systems were upgraded to Class 1, Division 1.

Boiler Replacements - 9 Buildings

This project consists of the replacement of boilers, piping systems and pumps in nine buildings with various functions. Upgrades to the electrical system and the controls system were also included in this project.

Building 264 Office Building

This project consists of a 2,000 square foot addition to an existing office Building including new HVAC, upgraded electrical service and new lighting.

Building 1010 Base Pool House

This project consist of a complete renovation to the existing base pool house and an entry addition. Building including new plumbing, HVAC, upgraded electrical service and new lighting.

Arkansas Military Department

Mechanical, Electrical and Plumbing (MEP)
Design work multiple renovation projects.

Building 1394 Billeting Fort Chaffee, Arkansas

This project consist of a complete renovation to the existing two story billeting building. Building including new plumbing, HVAC, upgraded electrical service and new lighting.

Building 1485 Temp. Company Command Post Fort Chaffee, Arkansas

This project consist of a complete renovation and conversion from a base theater to a temporary company command post. Building including new plumbing, HVAC, upgraded electrical service and new lighting.

Building 2058 Recycling Center

Fort Chaffee, Arkansas
This project consist of a the installation of a new waste bailer intended for cardboard, plastic and metal.

Base Electric Meter Project

Fort Chaffee, Arkansas
This project consists of a complete electrical metering and data gathering system for every building on the base. This project will be implemented over five years with phase one including approximately 20% of the buildings.

Buildings 1370 and 2100- Generator replacement and electrical upgrades

Fort Chaffee, Arkansas
This project consists or replacing the generators for building 1370 (Command post) and building 2100 (Military Police/Fire Station). Total project cost is \$265,000.
This project is out for bid.

Military work completed under previous State contracts:

Upgrades to Fuel Storage and Dispensing

Ebbing Air Guard Base - Fort Smith, Arkansas
This project consists of additional fuel storage (various types and grades) and upgrades to the spill containment systems for all fueling areas.

Firing and Bombing Range Observer Posts

Fort Chaffee - Arkansas Air National Guard
This project consists of a new observation tower and communications system for the firing and bombing range.

Veterans Administration

We have completed the following projects for VHCSO and CAVHS.

Veterans Administration Hospital

Fayetteville, Arkansas
CT Scan Installation
Laundry Addition
Campus Electrical System Modifications
Medical Gas System Modifications

Veterans Administration Campuses

Little Rock and North Little Rock, Arkansas
Firing Range Review
Boiler/Laundry gas system review
Laundry HVAC system review
Clean Core Sterilizer installation review
OR 9 Renovations review
Chill Water system modifications