



McKenney's
INC
Building A Higher Standard

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McKenney's, Inc. performed HVAC, sheet metal and piping at Fort Benning, a US Army Base in GA

Atlanta, Georgia - September 13 2012 - Fort Benning is a U.S. Army base located near Columbus, Georgia. As part of the BRAC realignment program, approximately 30,000 new troops from Fort Knox were scheduled to relocate to Fort Benning's 182,000-acre base in 2010. To provide facilities for this transition, the U.S. Army Corps of Engineers (USACE) initiated a multibillion-dollar expansion of the base.

Project Team

- General Contractor: Whiting-Turner Contracting Company
- Architect/Engineer: Clark-Nexsen Architecture and Engineering
- Owner: U.S. Army Corps of Engineers

Starting in April 2009, McKenney's, Inc performed HVAC, sheet metal and piping installation on multiple energy-efficient barracks, which included a total of 125 dorm-style rooms with kitchenettes. To lower costs and improve energy efficiency, the USACE chose to install unique LoadMatch® technology—an advanced hydronic heating and cooling system that operates on a single-pipe primary, closed loop system. Unlike a typical two-pipe system, the LoadMatch system uses the same pipe for chilled water supply and return. This allows heating and cooling to occur on demand, requiring less power and reducing energy consumption.

Hallway coordination of multiple trades (electrical, plumbing, sprinkler and mechanical) proved challenging, so McKenney's used Building Information Modeling (BIM) to help layout and organize the work. To streamline installation, the majority of pipe was prefabricated in the McKenney's shops, minimizing the time and expense of welding in the field. The pipe crew used duct jacks to lift the 20-foot prefabricated sections of pipe into the hangers, then bolted the joints together with Victaulic® couplings. Ductwork was also prefabricated with taps cut in just prior to shipment.

Evidence of the project's success was acknowledged when the general contractor received an outstanding rating from the USACE. Subsequently, the general contractor recognized the exceptional performance by McKenney's the single largest subcontractor on the barracks project—representing 11% of the total work completed. This presence allowed McKenney's to work closely with the general contractor, architects and engineers to incorporate sustainable design elements for the barracks mechanical systems in support of the USACE's goal for LEED® certification.

Since 1948, the mission of McKenney's has been to meet or exceed customer expectations on every job they perform. The company offers expertise in HVAC, process piping, plumbing, and building automation and control systems, as well as service and maintenance. They have their own in-house engineering, fabrication, installation, and commissioning resources to ensure cost-effective delivery of the highest quality solutions.

Services Offered:

- Preconstruction
- Engineering solutions
- New construction
- Tenant and special projects
- Automation and controls
- Commissioning
- Service and maintenance

McKenney's has developed services and expertise to serve their clients at every stage — from design and construction to services and maintenance. Self-performance of all trades, in-house shops and over 60 years of experience ensures top-quality solutions every time you work with McKenney's.

About Us

McKenney's is the Southeast's most trusted name in facility construction, operation and maintenance. For more than 60 years, our proven approach has ensured high-quality, energy-efficient solutions at every stage of a building's lifecycle.

Contact Us

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