

MARCUS McELVEEN

Electrical Engineering Designer

Marc joined Strickland Engineering in January 2004. Marc is responsible for electrical engineering design and project management. Marc has previously worked for JDR Technologies, a technology company that deals in computers, networking, and engineering, in Cape Girardeau, Missouri, for three years (2001-2003); Technology and Networking in Scott City, Missouri, for two years (1999-2001); and Noranda Aluminum, Inc., an aluminum manufacturing facility in southeast Missouri, for approximately four and a half years (1994-1998). While at JDR Technologies, he served as a cable installer, computer technician, electrical designer for several commercial projects, system administrator for both JDR Technologies and Grojean Architects, and web designer. In his time at Technology and Networking, Marc served as cable installer, computer technician, inventory manager, purchaser, and system administrator. He also earned his A+ certification while at Technology and Networking. At Noranda Aluminum, Inc., his responsibilities as a Project Electrical Engineer included project design, procurement of funds, and project manager. As a Project Electrical Engineer, Marc was responsible for managing his projects from conception to completion, including all documentation. His main focus was on control systems, with many projects involving conversions from relay controls to PLC controls. Marc was also responsible for any power distribution changes related to these projects.

EDUCATION

B.S. Degree in Electrical Engineering

University of Arkansas, Fayetteville, Arkansas. 1994.

CERTIFICATIONS

CompTIA A+ Certification

PROFESSIONAL REGISTRATION

Engineer Intern, Arkansas

REPRESENTATIVE PROJECTS

Strickland Engineering

Sterling Bank, Poplar Bluff, Missouri

Design engineer for electrical, communications, and alarm systems for a new three story banking facility in Poplar Bluff, Missouri. The design included a 1200 amp service, power service to an elevator, full-scale addressable fire alarm system, and security intrusion detection system including motion sensing and keypad entry.

Aztec Theater, San Antonio, Texas

Design engineer for electrical, communications, and alarm systems for a renovated six story theater in San Antonio, Texas. The design included a 3000 amp service, power service to an elevator, full-scale addressable fire alarm system, theatrical lighting, power and audio for the IMAX theater, and electrical service distribution to restaurant and lease spaces.

Quail Creek Skilled Nursing Center, Springfield, Missouri

Design engineer for electrical, communications, and alarm systems for a new 140 bed, 5 neighborhood, single story skilled nursing center in Springfield, Missouri. The design included a 2500 amp service, 200kW emergency generator, full-scale addressable fire alarm system, and a full-scale addressable nurse call system.

Creative Edge, Jackson, Missouri

Design engineer for electrical, communications, and alarm systems for a new single story television studio in Jackson, Missouri. The design included a 600 amp service, full-scale addressable integrated fire alarm/security system including video monitoring, and power distribution and lighting for the television studio.

JDR Technologies

Physicians Alliance Medical Center, Cape Girardeau, Missouri

Design engineer for electrical systems for new expansion of existing medical facility. Design included hospital grade power and lighting systems for two (2) new operating rooms and upgrade of existing emergency power system, including new emergency generator and transfer switch.

MARCUS McELVEEN CONTINUED

Technology and Networking

Data Network for Sikeston Power Plant, Sikeston, Missouri

Designer and Project Manager for installation of new data network in the Sikeston Power Plant. This project included the installation of Category 5 communications cable, patch panels, switches, racks, and data jacks. Also included data cable testing after completion of installation.