

Atlantec Engineers Municipal Work Experience

City of Raleigh Work

Since 1999, Atlantec Engineers has provided design and construction administration services for The City of Raleigh. The total number of projects is 88. These projects include major design services to The City Hall Building, Police Headquarters, The Central 911 Call Center and the back-up 911 Call Center. Our office has performed evaluations of the plumbing, mechanical, and electrical systems for numerous buildings to aid the city in the replacement and upgrade of these systems.

Reference: Mr. William R. Jackson, Building Maintenance Supervisor 919-996-2984.

A brief description of our major project work is as follows:

Time Warner Cable Music Pavilion

- Replace the existing step lighting in the spectator area and added overhead aisle lights.
- Site lighting study to measure the existing parking lot light levels and recommend upgrades to the site lighting.
- Electrical survey to locate and identify the point of origin for all electrical panels. 100 electrical panels were located, examined, traced.

City Hall Building

- Replace the existing electrical service
- New chiller plant
- New standby generator to power the entire building
- New boiler plant
- New underground fuel tanks

Police Headquarters

- Replace entire electrical distribution system
- New chiller and air handlers
- New standby generator to power the entire building

Central 911 Call Center

- New HVAC system
- Renovation of power distribution system
- Upgrades to the existing UPS and related distribution

Back Up Call Center and Data Center

- Complete mechanical and electrical design for The Back Up Data Center including UPS and standby generator
- Grounding study and power upgrades to the Back Up 911 Center

Site Lighting

- New LED sight lighting upgrades to the following parks: Carolina Pines, Lions, Fred Fletcher, and Sertoma.

HVAC Upgrades

- Upgrade or replace the existing HVAC systems at the following City of Raleigh locations:
 - Lions Park
 - Police Training Facility
 - Pullen Park Aquatics Center
 - Raleigh Little Theater
 - Biltmore Hills
 - Walnut Creek Softball Complex
 - Pullen Arts Building
 - CAT Bus Facility

Power Upgrades

- Switchgear replacement at Method Road Park.
- Switchgear replacement at Pullen Community Center.

Other Municipal Projects:

Albemarle EMC

This is a 62,000 sq. ft. headquarters facility for the electric membership corporation. The facility included 25,000 sq. ft. of office space. The remaining space was utilized for equipment storage and vehicle maintenance. The entire facility is provided with standby power via a diesel powered generator.

Town of Louisburg Utility Complex

This is a renovation of an existing 60,000 sq. ft. tobacco warehouse into the headquarters for the town's utility services. The building contained the following:

- 6,000 sq. ft. of office space.
- 6,000 sq. ft. with a cafeteria and full service kitchen.
- 48,000 sq. ft. for material storage and vehicle wash down.