



Electrical Design Associates

Lillian M. Reyes, P.E. Professional Record

Ms. Reyes is the chief electrical engineer for Electrical Design Associates, Inc. Ms. Reyes is experienced in designing electrical power distribution for municipal systems, water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for parks, roadway, and industrial facilities, security and fire alarm systems for commercial and government buildings, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings. Ms. Reyes project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services.

EXPERIENCE:

Ms. Reyes is experienced in electrical design for various projects with the private and public sector. Ms. Reyes was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- North Miami Beach Roadway Lighting Improvements
City of North Miami Beach, Florida
- DDA Streetscape Improvements
City of Fort Lauderdale, Florida
- Tamarac Road Resurfacing Program
City of Tamarac, Florida
- Sunrise Lakes Entry Features
City of Sunrise, Florida
- Harbor Drive (NE 26th Avenue) Improvements
City of Pompano Beach, Florida
- Frenchman's Reserve Roadway Lighting
Palm Beach Gardens, Florida
- Florida Atlantic Boulevard Expansion
City of Boca Raton, Florida
- 207th & 34th Roadway Lighting
N.E. 185th Street
N.E. 190th Street
City of Aventura, Florida
- Miracle Mile Landscape Lighting
City of Coral Gables, Florida
- Williams Island Roadway & Landscape
Lighting on 183rd Street
City of Aventura, Florida

Academic Credentials:

Bachelors of Science in Electrical Engineering
Florida Atlantic University, 1988

Professional Engineer - Florida

Employment Record:

1998-Present - Electrical Design Associates, Inc.
Owner/President,
Chief Electrical Engineer

1996-1999 - Bailey Engineering Consultants, Inc.,
Electrical Engineer

1989-1996 - International Business Machines, Corp.
Senior Associate Engineer

1988-1989 - Brabham Debay and Associates, Inc.
Electrical Engineer

Principal Areas of Expertise:

Electrical Design of Power Distribution, Lighting,
Security and Fire Alarm Systems for Environmental,
Municipal and Commercial Projects

Electrical Cost Estimating

Professional Activities:

Florida Engineering Society (FES)
Illuminating Engineering Society (IES)
National Fire Protection Association (NFPA)



William R. Haygood, P.E.

Professional Record

Mr. Haygood is a mechanical engineer qualified in the specialties of heating, ventilation, and air conditioning (HVAC); fire protection; and plumbing for commercial, institutional, and industrial projects. His specific design experience includes life cycle analysis, value engineering, and construction administration for wastewater treatment plants, schools, hospitals, and industrial facilities. He has substantial experience in the design and installation of microprocessor, pneumatic, and electrical/mechanical controls and controls systems.

Experience:

Mr. Haygood provides various mechanical engineering services involving design and construction oversight for HVAC, fire protection, and plumbing systems. His experience is applied from the conceptual through the construction phases of a project and may include design, analysis of alternatives, shop drawing review, contractor and vendor interface, periodic site visits for field observations, change order review, and mechanical inspection, testing, and design review. He also evaluates various energy reduction improvements for facilities and prepares both maintenance and operating cost estimates.

- Western Park – Phase 1
City of Parkland, Florida
- Pine Island Park
Davie, Florida
- Derbyshire Park Sports Facility
Daytona Beach, Florida
- Ocean Inlet Park
Palm Beach County, Florida
- Forest Hills Park
City of Coral Springs, Florida
- Nova Road Gymnasium
City of Ormond Beach, Florida
- FDOT Stormwater Station
Pembroke Park, Florida
- Crane Stand Lift Station 249
City of Orlando, Florida

Academic Credentials:

Bachelors of Science in Mechanical Engineering
University of Central Florida, 1983

Professional Engineer:

Florida (1988) No. 39503
Virginia (1990) No. 21068
NCEE National (1990) No. 9413
North Carolina (1996) No. 021505
South Carolina (1995) No. 17193
Georgia (1996) No. 22511
Kentucky (1996) No. 18985

Employment Record:

2000-Present: Electrical Design Associates, Inc.
Chief Mechanical Engineer

1992-2000: Camp Dresser & McKee, Inc.,
Orlando, Florida,
Chief Mechanical Engineer

1989-1992: C.E. Bailey & Associates, Inc.,
Orlando, Florida,
Chief Mechanical Engineer

1987-1989: Sverdrup Corp., Orlando Division,
Orlando, Florida
Mechanical Engineer

Principal Areas Of Expertise:

Mechanical Design for life cycle analysis, value engineering and construction administration for wastewater treatment plants, schools, hospitals, and industrial facilities.

Professional Activities:

American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE), Chairman of Energy and Technical Affairs Committee, Central Florida Chapter, 1988
National Fire Protection Association (NFPA)