

December 2, 2019
To: PDHOnline
From: Walter W. Henry P.E., LEED A.P., BD&C
Reason: Coursewriting

Resume of **WALTER W. HENRY, P.E.**, LEED A.P., specialty BD&C
Griffin, GA wwhenry4@comcast.net 770-228-7052 Please allow 5 rings and leave a voicemail.

SOME SKILLS:

Design: Design fire alarm, power distribution, generator systems, grounding, surge suppression, lightning protection, lighting, lighting control. Conceptualize systems. Perform existing-condition system studies. Prepare contract document drawings and specifications. Perform inspections during pre-design existing conditions, construction, and post-construction.

Building types: commercial, industrial, medical, state, federal, military, church, historic renovation, new, high-rise, hotel, office, dwellings, hotel, industrial, water, wastewater. Hundreds of projects, small to large.

OCCUPATIONAL EXPERIENCES

2005-2019 Author of continuing education media for the building construction and renovation industry: construction contractors, project managers, architects, and engineers.

2012-2017 Roberds Consulting Engineers, Atlanta GA.

Performed some studies for arc flash labels. Researched on-site and recorded the existing power distribution system for a Lenox Marketplace renovation.

1985-2009 NBP Engineers, Macon GA

Senior electrical engineer, PE, LEED AP Lead electrical engineer and electrical commissioning person for each project I designed.

Designed a panel-board program on EXCEL, which served the company's electric design for 10 years. Attended SKM-PTW32 school of fault/coordination/arc-flash studies.

Georgia Capitol Building, Atlanta GA. Provided new power distribution inside an active building. Created the first-ever record drawings of its entire electric system. Designed repair of code violations. Designed clearance of basement rotunda area from 1950's vintage electrical main switchgear.

Martin Luther King, Jr. Federal Building, Atlanta, GA

Power system replacement enabled restoration of this depression-era Federal style building into superior office space achieving LEED Gold certification. This quality of work made possible the winning of awards by GSA, the architect and the contractor.

The Medical Center of Central Georgia, Macon, GA. Now termed "Medical Center Navicent Health"

Served as the primary electrical engineer from 1986 through 2000.

Designed modern 480 volt electric distribution and five-branch power which enabled MCCG to become a top 100 hospital in the USA, distinguished nationally for its excellence.

1985-2009 NBP Engineers, Macon GA (continued)

Children's Medical Center - Medical College of Georgia, Augusta, GA.

<http://www.augustahealth.org/locations-and-maps/childrens-hospital-of-georgia>

154 bed, 210,000 square foot academic children's hospital, among the largest pediatric facilities in the USA. A leading pediatric treatment and research facility in oncology and in children's catastrophic diseases.

Georgia State Finance and Investment Commission: Renovated or newly constructed over 20 college buildings. Replaced fire alarm systems in seven Georgia state office buildings. Replaced electric power distribution and provided new power, lighting and fire alarm in two state office buildings.

Central Georgia Technical College, new Aerospace Building

Valdosta State University, new Hugh C Bailey Science Building

Valdosta State University, Odum Library expansion 95,000 square foot, 14.2 million dollars.

Agnes Scott College, renovate Presser Hall (performance),

Agnes Scott College, renovate Letitia Pate Evans Dining Hall

Agnes Scott College, renovate Alumnae House

Agnes Scott College, renovate Bradley Observatory.

Agnes Scott College, renovate several dormitories

Georgia Institute of Technology, extend medium voltage (15kV) underground,

Columbia Theological Seminary, Decatur, GA, John Bulow Campbell Memorial Library: Build an additional 28,000 square foot library wing. Update the existing 17,700 square foot library into conformance with modern code requirements, in the architectural style of the campus.

1982-1985 Harrison and Thuente, Macon GA

electrical engineer, PE. Acquired PE -GA.

Poplar Street Water Pollution Control Facility: Employed to design controls and complete the power work for phases 2 & 3, as part of 31 million dollar improvements.

Hay House, Macon, GA: installed new electric work while protecting building features.

Grain Grading Laboratory, Tifton, GA: GA Secretary of Agriculture Tommy Irvin:

"We especially want to thank you for the outstanding work you did at the Lab."

1980-1981 Griffin Engineering Company, Griffin GA Passed EIT-GA test.

Jefferson County, AL Wastewater System Improvements: GEC-Griffin was part of ESA Inc. of Birmingham AL. ESA and GEC designed a major trunk sewerage system serving Cahaba River Basin. EMA, Inc. of St. Paul MN designed controls. As an electrical engineer, provided liaison for electrical and control matters among ESA, GEC and EMA. Learned controls.

1980 James W Phillips & Associates , Smyrna GA

engineer in training. Residential: single family, duplex, triplex, quadruplex, apartment.

1978-1980 Blakely-Daniels & Assoc., Atlanta GA

engineer in training. Designed Holiday Inn hotels in Atlanta. Light industrial, warehouses.

1977-1978 John J. Harte and Associates, Atlanta GA

engineer in training.

GLYNCO Federal Law Enforcement Training Center and Kings Bay Naval Submarine Base:

Learned electrical design for outdoor power distribution (overhead and underground)

while serving as design assistant. For many projects, was trained in electrical design for light industrial facility.

Utility:

1973-1977 Georgia Power Company, Norcross GA

As a communication engineer, I was complimented for accurate accounting to remove obsolete "static wire" wireline carrier equipment. Provided voice telephone and remote powerline metering links among substations, local offices, and downtown Atlanta. Visited most Ga Power hydro and coal plants.

Military:

Joined the GA Air National Guard in 1969, at the 202 EI Squadron, Municipal airport, Macon GA

In Fall 1969, for 6 weeks I did USAF basic training at Lackland AFB, San Antonio TX

Spring 1970, at Keesler AFB, Biloxi MS, attended aviation electronics technician school and my class finished a 39 week school in 36 weeks. Commander Smith presented a commendation for high grades.

In 1975, I was given an honorable discharge with the rank of staff sergeant.

College:

1970-1973 LeTourneau College, Longview, Degree: Bachelor of Science in Electrical Engineering.

1972: Electrical lab assistant. 1971, achieved a private pilot's license. Summer 1971, volunteered at Radio Lumiere, Port au Prince, Haiti. Held various part time jobs at various times.

1969 Southern Institute of Technology, Marietta GA

Studied Electrical technology, Mechanical technology, and Manufacturing processes. Decided to focus on electrical engineering. National Guard accepted me, allowing me to stay in college instead of being drafted. Held various part time jobs at various times.

1967-1969 Georgia Institute of Technology, Atlanta GA

Initial studies toward engineering. In 1967, I took Fred Lanoue's drownproofing course and swam underwater for two lengths of Georgia Tech's old Olympic pool. Gym. Track.

Held various part time jobs at various times.

1967 Milner High School, Milner, GA Salutatorian, Beta Club, 4-H Club: forestry, dairy. 1965-66, sackboy. Summer 1967, was on looms rebuilding crew, General Tire, Aldora GA.

WORDS BY OTHERS (excerpts)

The GSA electrical engineer reviewer for Martin Luther King Jr. Federal Building, DAH P.E., stated in a 2010 letter of recommendation:

"For about four years, prior to my retirement in 2008, I interacted with Mr. Henry and reviewed electrical designs prepared by Mr. Henry for major renovations in the old US Post Office US Courthouse located in downtown Atlanta, Georgia: in recent years this building was renamed the Martin Luther King Jr. Federal Building. This is a huge old building, covering almost an entire city block..." "This building was not constructed according to modern standards with vertical stacks of electrical and communication closets. The major projects to renovate this building were the largest and most difficult that I saw in the 38 years with GSA - and I was involved in many major renovations in large old buildings."

"The designs were hampered by shifting budgets and scheduling and systems down time had to be minimized. Mr. Henry performed admirably during the design and construction processes. The construction was in progress during my retirement in 2008." "Building grounding systems, and building lightning protection systems can be extremely complex systems to design in old buildings, and, full Code Compliance for lightning protection systems can be impossible. Mr. Henry showed considerable skill in these two areas." "In selecting an electrical engineer for major renovations, or new commercial buildings, I believe serious consideration should be given to selecting Mr. Walter W. Henry, PE, LEED AP. Given reasonable funding, scheduling and CADD support, Mr. Henry will do an excellent job."

Campus architect for the Children's Medical Center - Medical College of Georgia, Augusta, GA.- WYM, NCARB: "conscientious, dedicated, intelligent, very knowledgeable in electrical engineering, kind, courteous, friendly in working with people, will not offend anyone yet will not compromise his principles. Always strived to satisfy the needs and desires of his clients, while following sound principles of electrical engineering design. I would always be pleased to have him working on my projects."

Architect DP: "competent and thorough. Health and PE Facilities (three named). Willing to handle issues as they arose in a timely fashion and was very thorough in his approach. Proven to be an excellent team player. I highly recommend him to you."

Lighting representative DB: "projects very professionally designed and thorough, wealth of experience".

Lighting Representative KC: "Walter is among the best. I have always admired Walter for his direct no-nonsense approach to solving our problems. Technical skills, honesty, integrity, and fairness."

Drafter MRB: "Honesty, loyalty, hard working, very dependable. It has been a pleasure working with Walter. He has been there when I needed him."

Engineer GJH: "steady and conscientious approach to each project, excellent communications skills with client and team members".

Engineer BVS: "Good construction administrator. Produces good reports. Courteous. The Contractor has good regard for him. To the best of my knowledge, he bears a good moral character."

Engineer MAH: "very honest individual. Strong work ethic. Carries out his responsibilities to the fullest. Very good friend."

Drafter GWP: "Person of high standards and a fine gentleman. I enjoy working with him."

Architect PHW: "Very thorough and eager to keep the client satisfied. Helpful. Pleasant attitude and willingness to give 100%."

Engineer JAK: "Provided design which required minimal changes, fills in the blanks, considerable expertise in hospital work, honest engineer with high integrity, insists that the contractor provide what is specified, documents are well coordinated with other trades".

Maintenance supervisor complimented how often he found spare conduits so useful.

Cummins representative DWA: "Relative to the complexity of the subject project the engineering provided by your firm was superb. ...The level of engineering expertise provided by your firm has minimized ... potential problem areas."