

Mr. Henry has over 11 years experience in the consulting and construction industry preparing construction documents, specifications, energy studies, arc flash and overcurrent protection studies for single buildings and large facilities such as campuses, hospitals, and airports. His vast resume of projects varied from renovation to new construction in the range of 1,500 to 500,000 ft<sup>2</sup>.

Prior to his experience working as a consultant, Mr. Henry worked as an electrician for many types of different projects. His field experience and construction experience has provided him with an excellent understanding of providing construction documents that minimize constructability issues.

**Representative  
Project Experience**  
*(some experience  
while at another  
firm)*

- **Howard University School of Pharmacy**, Washington, DC – renovation of an existing lab for School of Pharmacy students, along with upgrade to the building electrical service. Lead engineer coordinating all phasing for construction of the upgraded electrical system and all new lab equipment installed. The new medium voltage gear was installed in new electrical room to backfeed all the existing distribution.
- **REX Hospital Cardiac Center**, Raleigh, NC – new construction 9 story cardiology center for the REX Medical Campus, featuring 2 floors of operating rooms and 7 floors of patient rooms. Specific coordination took place for state of the art operating room equipment and patient room equipment. All lighting and controls were designed to meet Ashrae 90.1.
- **Towson Ortho**, Baltimore, MD – new construction 3 story building consisting of 2 floors of medical office, conference, and storage with the first floor dedicated to operating rooms and patient rooms.
- **Ft. Meade Campus Utility Study**, Ft. Meade, MD – complete campus study of the existing electrical distribution system for all buildings on campus. A complete survey of all major gear and testing was completed and data was compiled in a report for recommended upgrades across campus.
- **UMCP – HJ Patterson Lab Renovation**, College Park, MD – 20,000 sqft. renovation of existing classroom spaces into new student labs. New power distribution system was extended to the spaces to support the additional load requirements related to the labs.
- **St. John’s College High School**, Washington, DC - renovation and new construction for multiple areas across the entire campus. As lead electrical engineer documents were generated for renovated common spaces in the main building on campus. Phasing was also planned for switching over of existing service to new service to support new building loads across campus.
- **Charleston International Airport**, Charleston, SC – 350,000 square foot renovation of existing airport ticketing, terminal, and back of house areas. A new power distribution system was developed, as well as a new fire alarm and lighting system as part of a \$200 million construction plan. A new lighting control system and fixtures were designed to meet Ashrae 90.1 and LEED New Construction.
- **GSP International Airport**, Greenville, SC – complete renovation of airport, including

electrical service and ticketing, security, and gate areas. The renovation took place over a series of phasing across the existing area of 220,000+ square feet. A brand new service was provided for the entire airport with new emergency generator system and gear to support a large amount of the airport in the even of an outage. All lighting was designed to meet Ashrae 90.1 and the latest wireless lighting controls were used throughout.

- **Annapolis Recreation Center**, Annapolis, MD – complete design of athletic facilities and ball fields for Annapolis City Rec and Parks.
- **Police Training Facility**, Carroll County, MD – Multi-building training and simulation facility for county police and SWAT teams.
- **Merchant Marine Academy Pier**, NY – construction of brand new concrete pier with electrical distribution system for charging large merchant marine vessels.
- **Loyola University Pool Infill**, Baltimore, MD – conversion of existing pool area into a multi-story office and auditorium space.
- **Bare Hills Office Building**, Baltimore, MD – multi-story LEED silver office building.
- **Park Place Building 2**, Annapolis, MD – multi-story shell office building.
- **MPO Data Center**, VA – 25,000 sqft building for an N+1 data center. New distribution system including UPS, generators, and PDUs to comply with an N+1 configuration.
- **Courtyard Marriott Oceanfront Hotel and Condos**, Ocean City, MD – multi-story hotel building, including indoor pool, full restaurant, and penthouse condos located in Ocean City, MD. Separate metering was provided for the hotel, condos, and restaurant. Coordination with local power company and fire marshal was completed to work around flood plans for electrical service and life safety system as part of the generator system.

***Education***

B.S. Electrical Engineering  
Morgan State University, Baltimore City, MD

***Affiliations  
and Licenses***

- Institute of Electrical and Electronics Engineers (IEEE)