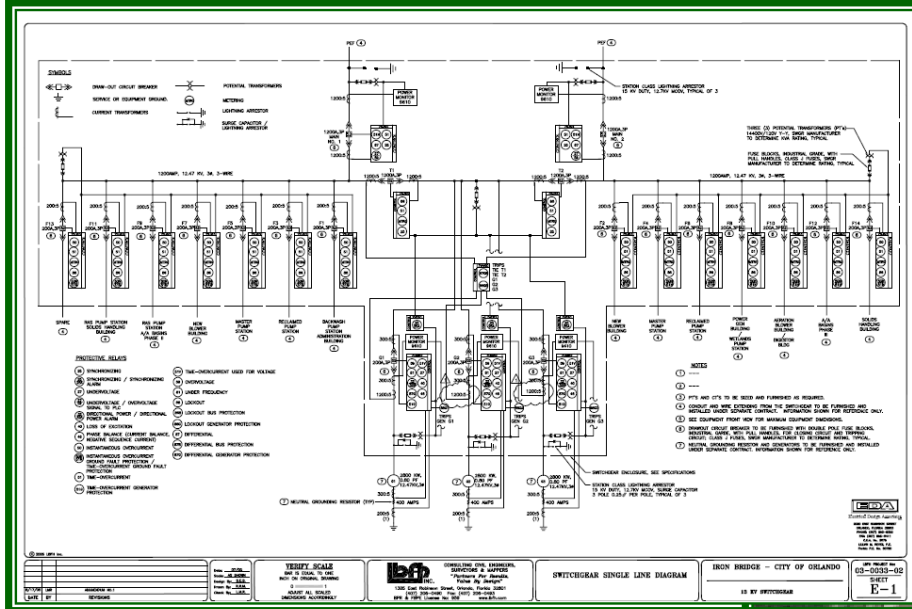


IRON BRIDGE WATER RECLAMATION FACILITY

City of Orlando, Florida



The Iron Bridge Water Reclamation Facility was designed to serve the Cities of Orlando, Maitland, Casselberry and unincorporated Orange and Seminole County. Originally built in 1982 the facility has undergone several additions and system upgrades with the exception of the Electrical System. Electrical Design Associates was contracted to perform a complete evaluation of both the normal and standby power systems, make recommendations and design the completed upgrade of both the normal and standby systems including the site cable distribution system. Our scope of work included the preparation of direct purchase specifications for the nine (9) Megawatt standby generators, the 12.47 kV Switchgear and the medium voltage cable so as to allow the City the ability to save on sales tax and contractor mark-ups. Our scope also included the design associated with the installation of all Owner furnished equipment while maintaining the facility in operation.

Services Provided:

- Electrical Engineering
- Mechanical Engineering
- Client Interface
- Multi-discipline Coordination
- Coordination w/ Progress Energy of Florida
- Cost Estimating

Estimated Cost:

- \$5.5 Million

Completion Date:

- 10/05 specifications
- 09/06 installation

Project Manager:

- Robert Rutter , 407-246-2573
City of Orlando
One City Commons
400 South Orange Avenue
Orlando, FL 32801, 407-246-2573