

## Plumbing Designer

### Reports to Team Leader

### Market Title:

#### Job Purpose

The Plumbing Designer will work with the mechanical EOR to document the plumbing and fire protection design in Cadd or Revit. The position will collaborate with other plumbing staff on the project to complete tasks and plumbing design to meet the manpower budget as well as meeting the project deadlines. The position will coordinate the mechanical and electrical design staff so that the design is completely coordinated amongst disciplines.

#### Duties and Responsibilities

The primary duties and responsibilities of this position include the following:

- Prepare design documents appropriate for the project and in accordance with company standards.
- Design of appropriate plumbing systems for the project including domestic water, sanitary, storm water and gas systems
- Documenting redmarks provided by the engineering staff on the project
- Performing appropriate calculations as directed by senior plumbing staff
- Knowledge of the state and local codes
- Coordination with other in-house disciplines as required
- Review and back-check work for complete and accurate documentation
- Monitor project status and development to meet project deadlines
- Coordinate manpower needs weekly with the Project EOR
- Review the plumbing design budget hours and coordinate any recommended adjustments with the Project EOR

#### Qualifications

The following qualifications are requirements of the position:

- Preference of a two-year technical degree or high school diploma (minimum)
- Two years of relevant MEP industry expertise (healthcare, education, Commercial, federal and light industrial)
- Proficient in Auto-Cadd and Revit
- Able to work well and communicate with other disciplines within the firm

#### Continuing Education

Ten hours of company continuing education shall be required. This would include attending and participating in-house discipline or appropriate external classes. Although attending vendor classes are encouraged to keep up with technology, this will not count toward the 10 hours of in-house training.

#### Working Conditions

This position requires night and weekend work at times to complete projects to meet deadlines.

### **Physical Requirements**

The ability to carry up to 50 lbs of drawings and carry and/or climb ladders is a requirement of the position.

### **Direct Reports**

None

*Last Update: November 2018*