

## Plumbing/Fire Protection Engineer

### Job Description

We have immediate openings for qualified Plumbing and Fire Protection Engineers. This position is to serve as a Plumbing and/or Fire Protection Engineer on one of Elara's Design Teams which support all of the company's product offerings with specific emphasis on performing conceptual design, preparing engineering construction documentation and overseeing implementation for a wide variety of projects.

### Qualifications

- Candidate must have a minimum bachelor's level degree in engineering or equivalent relevant experience.
- Candidate must live in the Chicagoland area or be willing to relocate.
- Candidate must be proficient in the use of Microsoft Office.
- Candidate must be proficient in the use of AutoCAD 2016 or later.
- 2 or more years relevant professional experience is preferred.
- Familiarity with City of Chicago Code is preferred.
- Proficiency in Revit 2018 or later is a plus.
- EIT and/or PE Certification is a plus.
- Experience with high-rise plumbing riser replacement is a plus.

### Responsibilities

- Perform site visits to obtain additional information and verify as-built conditions.
- Perform code calculations.
- Perform equipment selections and layouts.
- Generate drawings to Elara drawing standards utilizing AutoCAD or Revit.
- Design piping layouts and sizing.
- Perform coordination with other disciplines for project specific information.
- Perform code reviews (City of Chicago, International and local codes).
- Prepare project specifications (drawing and book type).
- Manage project documentation.
- Attend project meetings and make site visits.
- Prepare bid documentation.
- Respond to requests for submittals, Contractor RFI's and Change Orders.
- Perform site visits during construction.
- Prepare and submit punch-lists for project closeout.
- Assist in preparing LEED submittal documentation for engineering related points.

### Benefits

- Medical, Dental and Vision insurance
- Long Term Disability Insurance
- Life insurance
- 401K Plan
- Paid vacation, personal/sick and volunteer time
- Paid holidays
- Mentorship Program and Volunteer Program
- Bonus based on personal and company performance

**Note:** Travel outside the Chicagoland area is rarely required.

