

Mechanical/Plumbing Engineer

Job Description

We have immediate openings for qualified Mechanical/Plumbing Engineers. This position is to serve as a Mechanical and/or Plumbing Engineer on Elara's Commercial/Developer/Multifamily Design Team which supports 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.
- 4 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 in commercial, developer and(or) multifamily design is a plus.
- Experience with high-rise residential plumbing riser replacement is a plus.

Responsibilities

- Perform site visits to obtain additional information and verify as-built conditions.
- Perform load calculations.
- Assist in developing energy models (per LEED guidelines where necessary), as applicable.
- Perform equipment selections and layouts.
- Generate drawings to Elara drawing standards utilizing AutoCAD or Revit.
- Design piping and ductwork layouts and sizing.
- Perform pressure drop calculations.
- 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.
- Prepare post-implementation analyses.

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.

