

## **Plumbing/Fire Protection - Entry Level**

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### **ABOUT THE ROLE**

You will be a member of our multi-disciplinary team and will work under the direction of a Certified Plumbing Designer or licensed Engineer. Projects may include new construction and renovation in educational, healthcare, corporate commercial and science and technology.

[Click here to learn more about our Engineering practice](#)

**Locations:** Boston, Buffalo, Chicago, DC, and St. Louis

### **HERE'S WHAT YOU'LL DO**

- With appropriate supervision you may perform uncomplicated designs of piping, controls and equipment selection for Plumbing/Fire Protection systems for building design. As necessary assist with HVAC Designs.
- Assist in Revit/BIM modeling of construction drawings of plumbing and fire protection systems from schematic design to construction administration phases with supervisory oversight. As necessary perform Revit/BIM modeling for HVAC systems.
- May assist/coordinate with specifications as a member of the design team.
- May write draft reports to be reviewed by a senior engineer.
- Review submittals and shop drawings for compliance with the contract documents.
- May perform job site visits to verify existing conditions and observe construction progress. Site visits frequently require a physical walk-through of site.
- Perform other duties as assigned.

### **HERE'S WHAT YOU'LL NEED**

- Bachelor or Master's degree in Engineering required by hire date. Bachelor or Master's degree in Engineering from an ABET accredited program preferred.
- Knowledge and ability to apply principles and theories of advanced heat transfer, solar energy, and advanced fluid dynamics in the design of plumbing, fire protection and HVAC systems.
- Related student internship work experience preferred.

- EIT, LEED accreditation preferred.
- Must have strong communication, teamwork, organizational skills and the ability to handle multiple projects.
- Experience in computer applications for engineering design programs (i.e. Revit, Trane Trace or Trane 3D Plus) preferred.

The salary range for this position is \$26.73 to \$33.41 hourly. This salary range is the range we believe is the anticipated range of possible base compensation at the timing of the posting. We may ultimately pay more or less than the anticipated salary range for the position. Employees may be eligible for discretionary bonuses. We offer a full benefit package including medical, dental and vision coverage and flexible spending account options and voluntary insurances. We have paid time off, flex-time schedules, remote work options and a 401k plan and employee perk programs. For a general overview of our benefits, please visit our careers page at <https://www.cannondesign.com/careers/benefits>. Actual compensation may vary from posting based on geographic location, work experience, education and/or skill level.

## ABOUT OUR FIRM

CannonDesign is a design practice where strategy, experience, architecture, engineering, and social impact converge. We don't just dream up solutions — we create and bring them to life in ways to solve some of the biggest challenges facing our clients and the society. At the heart of everything we do is Living-Centered Design, a bold commitment to using our talents to not just improve the world but to truly reshape it for the better. It's more than a philosophy — it's who we are, and it drives us to make a meaningful, lasting difference every day.

## ABOUT WORKING HERE

- We are relentless in our pursuit of client adoration (not simply satisfaction). Consistent delivery of the best service is what we are about.
- We are committed to ensuring our practice provides equal opportunities for all employees, as we strive to connect with communities around us and focus on the future of design. We support equity, diversity, and inclusion efforts that benefit all employees through the leadership of our DEI Council, our Employee Resource Groups which are open to everyone, and other community initiatives.
- We're about communication and transparency here. If you want to talk to someone about an idea you have, or a challenge that needs addressing, we're ready for you.

*Please note that candidates can only apply to our positions on our company Careers site. It's not uncommon for scammers to create positions that look legitimate on other sites; never enter your information or apply for CannonDesign positions on any platform. Should an issue arise that you feel we should be aware of, please contact us. Please provide your resume and portfolio when applying.*

As a condition of employment, all employees are expected to complete mandatory training, including compliance training, within required timeframes and adhere to our internal policies and our Code of Conduct.

CannonDesign is an Equal Opportunity Employer. CannonDesign is committed to maintaining a work environment that is free from any and all forms of unlawful discrimination and harassment. It is therefore the firm's policy to prohibit discrimination and harassment against any applicant, CannonDesign employee, vendor, contractor, or client on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, pregnancy, veteran status, genetic information, citizenship status, or any other basis prohibited by applicable law. It is also CannonDesign's policy to prohibit any and all forms of retaliation against any individual who has complained of harassing or discriminatory conduct, or participated in a firm or agency investigation into such complaints.