



Staff I – Building Enclosures and Building Sciences

ARCHITECTURE AND ENGINEERING CONSULTING; FULL-TIME; PASADENA, CA

ABOUT FEC

Falcon Enclosure Consulting, Inc (FEC) was founded in 2017 to provide a unique, practical, and more effective perspective on building enclosure design and building science. Years of expertise from different segments within the construction field have provided the knowledge and experience to be unlike any other consulting firm. We believe that an engineering consultant must have more than just theoretical and technical knowledge; an engineer should have some hands-on experience and extensive experience in the field to truly understand how assemblies are constructed. FEC's technical knowledge and hands-on experience provides a unique perspective on construction allowing us to recommend not only feasible, but practical solutions for even the most complex projects that are constructible, cost-effective, and minimize schedule impacts. In addition to our broad range of experience and technical knowledge, we have growing laboratory capabilities to verify our recommendations. The laboratory allows us to test solutions for complex and unique situations to prove performance and keep up with the evolving building code requirements.

JOB SUMMARY

Falcon Enclosure Consulting, Inc. (FEC) is seeking unique and extraordinary candidates to join the FEC team for a long-term career. FEC provides building enclosure engineering services including design, building science, peer reviews, construction administration, site observations and monitoring, field and laboratory testing, existing project investigation and rehabilitation, and litigation support. We are looking for individuals who like to think outside the box, develop creative and more-effective solutions to problems, and like to be on the leading edge of technology. Staff I is an entry-level position requiring an analytical candidate with technical knowledge, an interest and understanding of construction, and can professionally communicate findings and recommendations to clients. As a Staff I, you will be part of a team of engineers and support staff working on projects related to the building enclosure, and report to the designated Project Manager or Principal-In-Charge.

The position requires working with moderate oversight on project-related tasks involving techniques and procedures related to investigation, testing, design, administration, and observations. Responsibilities will also include assisting other employees with client deliverables, mock-up construction, field testing, and laboratory testing. The employee must have access to a vehicle and a valid driver's license since they will be required to visit clients, events, and project sites on a regular basis. During the employee's first few months working at FEC, the employee will be mentored and trained by co-workers and senior employees prior to being expected to work independently.

At FEC, client relationships are a key focus of our business no matter your position within the company. All employees need to be able to network and work directly with clients in order for our clients to trust you and feel comfortable contacting you for answers or to work on a new project.

TYPICAL DUTIES & RESPONSIBILITIES

- Work with technicians, draftsmen, and others assisting project team.
- Work on routine project tasks independently.
- Develop letters, reports, drawings, specifications, and proposals with moderate guidance from supervisor.
- Perform investigation and leakage testing of roofing and waterproofing systems, windows, curtain walls, and other building components.
- Perform field investigations and on-site construction monitoring.
- Participate in on-site construction meetings with clients and contractors.
- Present to client groups and professional organizations.
- Participate in professional events and activities to learn and build contacts within the industry.
- Learn project management skills to assist project manager in engineering, budgeting, scheduling, and client communication and eventually move-up within FEC.

QUALIFICATIONS

Listed below are some of the preferred qualifications we are looking for in the candidate. Please keep in mind that the candidate does not necessarily have to meet all of the listed qualification requirements, but these qualifications will be a requirement to maintain a position with FEC. FEC will work with the hired employee to provide training, mentoring, and support as required to meet the qualification requirements.

SKILLS & COMPETENCIES

- Takes ownership of their work and is thorough and detail-oriented. While it is incredibly important to hit all deadlines, FEC prides itself on quality work product above all else.
- Shows initiative and looks for innovation and growth opportunities.
- Interested and enthusiastic about construction and solving engineering problems.
- Team player that is able to collaborate within a team and work independently.
- Professional verbal and writing skills.
- Skilled at time management.
- Networking and public presentation skills.
- Able to read architectural drawings.
- Physically able to climb ladders, climb scaffolds, and work on swing-stages at great heights.
- Physically able to carry laboratory and field equipment (< 50 lbs) to assist with testing and investigation.
- Access to a vehicle and a valid driver's license with an acceptable Motor Vehicle Report, to allow travel to/from project sites and client offices.
- Beneficial experience in any of the following areas: drafting (AutoCAD), 3D building modeling and design (Revit), Building Science modeling and calculations, construction, rappelling and rope access, mechanics.

EDUCATION & EXPERIENCE

- Bachelor of Architectural Engineering or Bachelor of Science in Civil, Structural, or Mechanical Engineering.
- 0 - 5 years of experience in Construction, Architecture, or Engineering.

LICENSES & CERTIFICATIONS

- EIT preferred or eligible to take EIT.

FEC WORK ENVIRONMENT

FEC is a small company that understands that individuals must feel comfortable in their workplace and enjoy coming to work. We not only care about our employees and making them great professionals through training and development, we highly value life outside of work and are there to support our employees as much as we can. Without that mindset, we cannot develop and keep the extraordinary talent needed to continue to meet our clients' needs and expectations. We have FEC team activities and host family events outside of work. We also offer a very competitive and generous benefits package for all employees as part of their compensation package.

BENEFITS

FEC values having a team with an extraordinary set of abilities. To maintain that, the employees must act as a team and be taken care of and rewarded appropriately. For those reasons, FEC is offering a very generous and competitive benefits package including the following:

- \$0 Deductible, PPO Health Insurance; Premium 100% paid for employee-only, or 80% for employee with dependents.
- Vision and Dental Insurance; Premium 100% paid.
- 401k and investment planning.
- Annual Bonus and Profit Sharing.
- Flexible working hours and ability to work remotely.
- Partial ownership opportunities at Senior Project Manager and Principal Levels.

HOW TO APPLY

Please email your cover letter, resume, and/or curriculum vitae in PDF form to info@falconenclosures.com and gmaltese@falconenclosures.com; subject: *Job Application – Staff I*.

FEC is an Equal Opportunity Employer looking for the best candidate for the position no matter the case. If you do not necessarily have all of the experience, FEC has a rigorous training and development program in place for new employees as well as continuing education for existing employees to allow us to hire the best candidates for the position and help them grow to reach their full potential to become a long-term FEC employee. We value diversity in our workforce; your age, gender, race, religion, disabilities, etc. do not matter to us if you are a hardworking, qualified individual who will be an asset to the FEC team. FEC considers all qualified applicants, and we encourage individuals with disabilities and protected veterans to apply.