

Higher Education Studio Civil Engineer

Reports to: Market Director, Higher Education

Higher Education Design Studio

At Luckett & Farley we integrate our architects, landscape architects, interior designers, and engineers all in one team. The Higher Education studio is a collective of creative, thoughtful, and collaborative design experts boasting some of the most exciting user experience focused projects in the Luckett & Farley portfolio. From sports venues to residence halls to libraries, design excellence is apparent in every project, including our K-12 endeavors.

Your role at Luckett & Farley

We are looking for a Civil Engineer to join Luckett & Farley's Higher Education Design Studio team. This role is part subject matter leader and part innovation enthusiast. As a technical expert in your discipline you will design the site from building siting all the way through construction documents, ensuring overall project objectives and client needs are met. Other important aspects include performing in-depth quality control reviews, developing new techniques and/or improved processes, mentoring up-and-coming engineers, and directly participating in site visits and presentation of services to clients. We are looking for someone who is passionate about design, improving business processes, and motivated to deliver design excellence to our client as a part of a collaborative team.

A valued member of our team

Your technical expertise will make the biggest impact as the go-to team member for coordinating and designing every element outside the building envelope. Your collaborative spirit will engage with the design team to reach client objectives in partnership with the civil site design. At Luckett & Farley, as a civil engineer you have the unique opportunity to get involved in multiple projects, in an atmosphere that supports and values design excellence. You will explore and define opportunities to go above and beyond for our clients with a passion to positively impact your fellow employee-owners and senior leaders.

Experience and mindset

We are looking for someone who is self-motivated, highly organized, and enthusiastic about creative design with a proven track record in site design civil engineering. You should have a bachelor's or master's degree in civil engineering from an ABET-accredited institution, and 4+ years' experience with progressive increase in responsibility. With your professional registration as a PE, you are able to make sound engineering judgements, juggle multiple projects, and demonstrate creative design thinking in your field.

Culture

Luckett & Farley is a creative hub where bright minds come together to create bold, innovative designs. You'll collaborate with passionate employee-owners who value each day as an opportunity to solve a variety of a complex problems. Our multidiscipline studios have crafted a community where extraordinary artists and brilliant tacticians can come together to deliver award-winning solutions, in a flexible and balanced culture.

Key Competencies

- Responsible for complete site design from building siting and layout to grading, drainage, pavement, utilities, and pedestrian pathways.
- Communicates civil/site design through Civil 3D drawings (primarily) or sketches. Prepares the appropriate written (or edited) specification sections.
- Performs drainage analysis using established methods and with the aid of computer analysis programs.
- Oversees all aspects of multiple moderate-sized projects, or portions of larger projects, ensuring on-time and under budget project completion.
- Leads or self-directs site visits to evaluate various site facilities in advance for the preparation of appropriate project design and construction phasing solutions.
- Actively participates in master planning and site design charrettes (design-focused brainstorming sessions) along with landscape architects and architects to maximize a site's central design.
- Actively participates in project meetings during design and construction activities to represent the company. It is possible that some of these meetings may require travel involving both day trips and some overnight stays to out-of-town project locations.
- Reads, understands and interprets codes, construction drawings, and specification.
- Manages timely permitting for clients when in scope.
- Integrates low-impact designs and green infrastructure where required and when economically and ethically appropriate.
- Independently applies diversified knowledge of civil engineering principles and practices in site design and related fields. Evaluates, selects, discusses with senior practitioners, and applies advanced engineering techniques, procedures, and criteria to perform assigned tasks.
- Reviews completed project documents for conformity and quality assurance.
- Reviews contractor submittals (shop drawings, substitutions, etc.) to determine conformance with contract documents. Makes appropriate comments and returns submittals as specified.
- Collaboratively uses judgment to determine adaptations in methods for non-routine aspects of assignments.

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
DEVELOPMENT

- Coordinates and supervises work for other civil engineers, graduate civil engineers, and designers as necessary to complete assignments.
- Able to perform peer reviews on production documents.
- Provides input to proposals as requested to provide professional services or obtain funding for engineering projects.
- Successfully works directly with owners, stakeholders, vendors, suppliers, manufacturer representatives, code authorities, as well as, employee-owners such as architects; landscape architects; interior designers; structural, electrical, and mechanical engineers; project managers; market directors; administrative staff; and others to provide high quality, well-coordinated, and technically proficient site engineering design solutions for a variety of project assignments.
- Actively pursues continuing education including, but not limited to, CEUs, Lunch & Learns, trade organizations, and independent study.
- Actively supports strategic goals of the firm, departments, and managers and understands how your actions contribute to them.
- Operates in a cross-functional capacity. As workflow demands change it may be necessary to support other production requirements as part of a project team.
- Takes an interest in trade organizations aligned with the work for the discipline, the studio, or Luckett & Farley clients.

Key Success Factors

- Demonstrates excellent communication and organizational skills.
- Demonstrates a high level of Civil 3D proficiency. REVIT capabilities and knowledge are a plus.
- Working knowledge of Microsoft Word, Excel, and Outlook.
- Exhibits self-starter characteristics coupled with a track record of completing scheduled project deliverables on time and on budget.
- Able to properly assess and take appropriate action to identify problems and solutions during design or in the field construction.
- Exhibits a high sense of personal motivation and urgency.
- Exhibits ability to delegate work as driven by project schedule and provide supervision for tasks.
- Willing to perform activities not specified here, that may become necessary as the Company, position, or the marketplace evolves with the changing business environment.
- Exhibits ability to delegate work as driven by project schedule and provide supervision for tasks.

Ideal Education, Registrations and Experience

- Bachelor's or master's degree in civil engineering from an ABET-accredited institution.
- 4+ years' experience with progressive increase in responsibility.
- Professional registration as PE.
- Professional registration as LEED accredited professional prior to or within 12 months of employment.

To apply for this position please go to www.luckett-farley.com/careers.

Luckett & Farley is an Equal Opportunity Employer/Affirmative Action

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