

## **Full or Part-Time Licensed Civil Engineer**

Studio Sustena seeks a licensed civil engineer with a passion for design-led problem solving to join our growing team. The ideal candidate will have a working knowledge of regional permitting processes and cross training in green infrastructure design, including green roofs and/or on-ground stormwater-management systems.

Studio Sustena is an award-winning, WBE-certified landscape architecture and civil engineering firm based in Philadelphia, PA. We focus on campuses, urban-infill sites, and landscapes on structure while championing an integrated approach to landscape architecture and civil engineering that boosts opportunities for high-performance landscapes. We believe that blending these traditionally separate disciplines reduces scope overlap and gaps; fuels the creative process; fosters enthusiasm around collaborative problem-solving; and frees up budget for the inclusion of high-value landscape design.

We often encounter environments and conditions that are very different than in most conventional engineering projects. We believe it is essential that our engineering approaches continue to adapt to solve specific problems and that we develop our approaches from engineering principles and hands-on experience.

### **Position Responsibilities**

- Collaborate closely with Studio Sustena's landscape architects.
- Lead the preparation of site/civil engineering drawings, specifications, and reports for projects in PA and NJ, including conceptual site plans, grading, drainage, stormwater management, erosion & sediment control, and utility design.
- Interpret zoning, municipal, and state codes to determine opportunities, limitations, and development strategies for the property.
- Support the preparation of project proposals and manage project budgets.
- Collaborate on all phases of site design to maximize the experiential and spatial value of required site infrastructure, to optimize the permitting process, and to enhance stormwater management.
- Review and technical assessment of in-progress site construction; facilitation of communications among design consultants and contractors, and preparation or supervision of construction-phase documents.
- Consider creative solutions and demonstrate a desire and curiosity to innovate.
- Provide direction, delegation, and training to junior team members.

### **Essential Requirements**

- Bachelor's and/or master's degree in civil engineering.
- 8+ years of professional experience working in Engineering (preferably with Stormwater Management and/or Land Development design projects).
- Professional Engineer (PE) license in PA and/or NJ (we will consider candidates who are able to successfully obtain their PE in either state within 6 months of their start date).
- Proficiency in engineering software and design tools (AutoCAD, Civil 3D etc.). Experience with GIS and/or 3-D Visualization software is a plus.

## Preferred Qualifications

- Advanced experience in land-development design, including site layout, site grading, utility design, drainage and conveyance, roadway layout and turning analysis, erosion control, municipal & land-use regulatory approvals, etc.
- Skilled in stormwater management design, with a focus on Green Stormwater Infrastructure (GSI), utilizing Hydrology and Hydraulic stormwater modeling tools.
- Simple structural assessments for retaining walls, ballasted edges, and similar site features (static stability problems and structure deformation under load). Tree stabilization using existing and new principles is a plus.
- Construction and/or lab experience.
- Certified Floodplain Manager (CFM) is a plus.
- Media review/mix assessment. An understanding of soil science is a plus.
- Irrigation design is a plus.

## Application

Email a cover letter and resume (single pdf file not exceeding 15MB) to Sara Poindexter at [spoindexter@studio-sustena.com](mailto:spoindexter@studio-sustena.com). Applications will be reviewed on a rolling basis. Please be prepared to provide references upon request.

This position is an exempt (i.e., salaried) 40 or 32 hour/week role that requires 3-days a week in-office. The competitive benefits package includes healthcare benefits, 401K with employer match, sick time, life insurance, and generous vacation leave. Salary is commensurate with experience. We are an equal opportunity employer, and a diverse pool of applicants is desired.

## Our Culture

Our office environment is open, collaborative, and energetic. We value creativity and prioritize individual initiative and problem-solving skills as part of a small, supportive team. We offer a flexible work schedule, ample opportunities for advancement and growth, and we have a dog-friendly office!

We are committed to fostering an inclusive and engaged culture that welcomes and celebrates our differences. Exposure to diverse identities and cultures inspires our designs and we pride ourselves in being receptive to a wide array of ideas. In reciprocation, we seek clients and design partners who also value this basis of respect and acceptance. Our hope is that this open-minded approach not only motivates more creative solutions but can also help bridge the gap between various backgrounds and belief systems.

Learn more about us at [studio-sustena.com](http://studio-sustena.com).