



JOB DESCRIPTION

Job Title	Civil Engineer	Position Type	Full-time
Location	San Leandro, CA or Pacific, Central, or Mountain Time Zones	Salary Range	Commensurate with Experience

About Anderson Pine

Founded in 2016, Anderson Pine is an engineering services firm that focuses on solar, water, and land developments. More information is available at www.Andersonpine.net. Our projects include solar developments (ground-mount, commercial rooftop, and carports), hydrology and hydraulic studies, flood control projects, SWPPPs, and construction quantity takeoffs and cost estimates.

Our Mission

Our mission is to plan and design, optimized photovoltaic solar power plants, land developments, and water resource projects with thorough due diligence and extremely professional service.

Vision

We envision a world of clean, healthy, and highly functional, natural and built environments.

Values

Integrity, Focus, Collaboration, Curiosity.

The Position

Anderson Pine is seeking a Civil Engineer to support the development and design of photovoltaic solar power plants, land developments, and water resource projects. The position will include the development of site layouts, hydrology and drainage studies, site grading and drainage design, and SWPPP development. The Civil Engineer will manage CAD standards and develop drawings for photovoltaic solar power plants, land developments, and water resource projects. Drawings will include conceptual, permitting, construction, and as-builts. SWPPP inspection duties will include construction site inspections of SWPPP installations, REAPs, water sampling, and BMP inspection reporting. In addition to possessing the requisite technical skills and experience, a prime candidate will demonstrate a strong work ethic and communications skills, integrity, customer focus, and a strong sense of ownership.

Principle Responsibilities/Key Results Areas

- Production
 - 2-D hydrology analyses and reports using FLO-2D, HEC-RAS, or similar.
 - Pre and post-development drainage analysis and design using HydroCAD.

- Develop conceptual, permitting, construction, as-built site grading and drainage drawings, and maps using AutoCAD and GIS software.
 - Site plans, sections, and elevation drawings.
 - Civil construction details.
- IFC specifications.
- Provide quality control and quality assurance on all drawings developed and received, to ensure that all requirements and specifications are met prior to issuance to clients and project stakeholders.
- IT Software and Equipment
 - Research, purchase, and manage field equipment and software.
 - Manage software vendors and licensing.
- Business Development
 - Attend networking and project pre-bid meetings.
 - Identify key engineering services opportunities by reviewing existing project database(s), networking with industry professionals, and monitoring publications.
 - Outreach to target clients via email, telephone conversations, social media, and in-person meetings.
 - Update and expand the target client database based on web research, telephone conversations, and industry knowledge.
- Outreach
 - Support Anderson Pine’s commitment to STEM.
 - Coordinate activities, presentations, and engagements with STEM associations.
 - Attend outreach events and co-facilitate engineering projects such as straw tower, egg drop, etc.
- Subconsultants
 - Support engagements and agreements with external consultants, such as external CAD support, land surveyors, landscape architects, etc.
- B.I.G.
 - Diligence in support of Anderson Pine’s long-term growth objectives.

Requirements
<p><u>Experience & Skills</u></p> <ul style="list-style-type: none"> ● 2 to 3 years of experience working as a civil engineer. ● MS Office suite, Google Earth, Adobe Acrobat, AutoCAD, Civil 3D, Global Mapper, HydroCAD ● Excellent written and verbal communication skills. ● Ability to effectively communicate with clients and project stakeholders. ● Ability to work independently and prioritize deliverables. <p><u>Education</u></p> <ul style="list-style-type: none"> ● B.S. Civil Engineering. ● QSD Certification preferred or ability to obtain. <p><u>Travel</u></p> <ul style="list-style-type: none"> ● Valid driver’s license. ● Local travel to project sites, networking and STEM outreach events.

Physical Requirements
Regularly Frequently Occasionally Rarely/Never

Sitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Climbing/Balancing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Reaching – with Arms and Hands	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stooping/Kneeling/Crouching/Crawling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lifting – 1-25 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lifting – 25-50 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lifting – 50+ lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Talking	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hearing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeling/Touching	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vision – Close, Peripheral, Depth, Ability to Adjust Focus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contact

Email your resume and cover letter to: careers@andersonpine.com