



JOB DESCRIPTION

Job Title	Structural 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 Structural Engineer to support the development and design of photovoltaic solar power plants, land developments, and water resource projects. The position will include the design of steel racking / pile foundations and concrete slab on grade foundations. Other structures may include concrete drainage channels and culverts, CIP pole foundations, and retaining walls. The Structural 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. 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
 - Develop conceptual, permitting, construction, and as-built structural drawings, specifications, and basis of design.
 - Site plans, sections, details, and elevation drawings.
 - Structural construction details.
 - IFC specifications.
 - Review structural drawings and designs of others.

- 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 structural analysis software.
 - Manage software vendors and licensing.
- 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

Experience & Skills

- Minimum 2 to 3 years of experience working as a civil or structural engineer.
- MS Office suite, Google Earth, Adobe Acrobat, AutoCAD, L-Pile, STAADPRO, SAP2000, ETABS, TEKLA TEDDS
- International Building Code (IBC), California Building Code (CBC), American Concrete Institute (ACI), ASCE 7, AISC
- Excellent written and verbal communication skills.
- Ability to effectively communicate with clients and project stakeholders.
- Ability to work independently and prioritize deliverables.

Education

- B.S. Civil Engineering or Structural Engineering.

Travel

- 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