

Job Title: CAD Designer

Location: Richland, WA

Employment Category: Full-Time Salaried and Part-Time Positions Available, in-office with flexibility for limited teleworking.

Job Summary: We currently have an opening for a CAD Designer to join our Design team. The successful candidate will be primarily responsible for producing CAD drawings involving structural, mechanical, electrical, and civil/site elements. This position will work with our engineers and project managers to produce drawing sets in AutoCAD. Attention to detail and ability to work in a team environment are essential.

Duties/Responsibilities may include dependent upon specific projects:

- Proactively engage with project managers and design engineers to ensure timely project completion within allocated budgets, which may include occasional overtime work.
- Coordinate with CAD manager to implement Project CAD Standards.
- Setup Project drawings to conform to client standards.
- Effectively produce CAD drawings using AutoCAD Software.
- Analyze complex sketches, notes and other input to determine and plan the best approach to develop and complete drawings with minimal supervision.
- Communicate effectively with Engineers and other CADD Team members.
- Utilize CADD best practices and QA/QC procedures to ensure accuracy and efficiency of their work.
- Create fabrication and construction ready drawing sets using AutoCAD and in-house programs
- Prepare and update drawing sets using red-lines from engineers, project managers and initial sketches from the sales team
- Maintain drawing accuracy throughout the revision process
- Employ change management strategies and tactics.
- Develop a Revit based solution to applicable projects and processes
- Maintain document organization using company standards
- Identify and tabulate required materials from completed drawing sets for project fabrication
- Bring a positive attitude with an understanding of the value of teamwork and outstanding customer service.
- Perform other duties as required

Required Skills/Abilities:

- Ability to work in a fast-paced environment, committed to project schedules and deadlines, able to work within a team environment and independently, and self-motivated.
- Experience with AutoCAD and Revit (2020-Current Version) and Navisworks (not required but a plus).
- Working knowledge of Sketchup and Solidworks.
- Experience in 2D/3D modeling and physical prototyping.
- Knowledge of BIM and how it can be utilized to the End User’s benefit.
- Experience in photogrammetry a plus.
- Solid work ethic with attention to detail, a care for the handling of projects, and a desire to improve and grow their knowledge.
- Excellent organizational skills and attention to detail.
- Excellent time management skills with a proven ability to meet deadlines.
- Strong analytical and problem-solving skills.
- Understanding of Engineering design development and implementation projects desirable.

Education and Experience:

- Associate degree in Drafting/Design preferred.
- A minimum of 5 years of relevant experience and working knowledge of structural/ electrical/ mechanical engineering principles, practices, and methods.

Pay Ranges:

Years exp	Salary Range
5	\$75,000 - \$110,000
8	\$90,000 - \$125,000
12	\$115,000 - \$140,000

Benefits: Lucas offers a comprehensive benefit package that includes medical, dental and vision insurance, health savings account and flexible spending accounts, short and term-disability, life insurance, 401(k) employer match and paid time off.