



Structural Designer – Wellons

If you're a Structural Designer who enjoys working on large, industrial projects and producing high-quality, fabrication-ready structural documentation using Revit and Tekla, Wellons offers the opportunity to do meaningful, long-term work with a stable, well-established engineering and manufacturing company. For over 50 years, Wellons has been a leader in biomass-fired energy systems, lumber dry kilns, and related industrial systems, providing in-house design, engineering, manufacturing, installation, and on-site technical support.

We are looking for a fulltime Structural Designer to join our team in Vancouver, WA.

High Level Summary of Position

This Structural Designer will have a strong background in structural design and BIM-based modeling, and will be responsible for producing permit, construction, and fabrication-ready documentation for major projects. The role requires strong organizational skills, the ability to manage multiple priorities, and a commitment to producing high-quality, dimensionally accurate drawings.

Key Responsibilities and Duties

- Prepare general arrangements, structural design drawings, and sketches utilizing 2D and 3D modeling software.
- Produce permit and construction documents, including complete sets of structural plans and details.
- Apply knowledge of structural elements and materials within BIM environments.
- Experience supporting fabrication, shop detailing, or construction teams through detailed structural documentation.
- Perform quality control checks on own work and assist with peer reviews to ensure accuracy and completeness.
- Collaborate and communicate effectively with other project members, discipline designers, engineers, and shop and construction teams. Working toward on time schedules and meeting project goals.
- Participate in project meetings and design reviews.

Requirements:

- Associate's degree or minimum of 4 years' experience in a related field with similar duties preferred. Candidates without a degree but with relevant experience will also be considered.
- Proficiency in AutoCAD, Revit, and Tekla Structures or Advance Steel.
- Strong understanding of structural systems, elements, and materials used in BIM models.
- Experience producing fabrication-ready and shop-quality drawings.
- Ability to produce complete, accurate structural drawing packages.
- Strong organizational skills with the ability to multi-task and meet deadlines.
- Ability to interpret instructions in written, oral, diagram, or schedule form.
- Strong communication skills and the ability to work effectively in a team environment.
- Demonstrated attention to detail and commitment to quality.
- Eagerness to learn and a positive, collaborative attitude.
- Experience in industrial, power, energy, or heavy structural projects preferred.

Benefits & Compensation

- Vacation, sick time, holiday pay, medical, dental, vision, profit sharing plan
- Salary: \$65,000 - \$90,000 per year