



JOB TITLE: CAD/BIM DRAFTER

Structural Focus has a reputation of providing focused client care. Our team is given the opportunity to learn and practice all aspects of engineering, and it is our excellent staff that provides the help and guidance along the way. We encourage questions and thoughtful discussion. And in our collegial atmosphere, you will receive the attention you need and be given the responsibility that you desire. Excellent design, successful leadership and management, and great communication are the skills that set our employees apart from other firms. Here you will find the resources you need to grow in the profession.

A CAD/BIM Drafter at Structural Focus transforms initial rough product design using computer aided design (CAD) and building information modeling (BIM) into working documents. Reviews engineering drawing and design to ensure adherence to established specifications and standards. Has knowledge of commonly-used concepts, practices, and procedures within structural engineering.

Relies on instructions and pre-established guidelines to perform the functions of the job and work under immediate supervision. Typically reports to a CAD Coordinator/Manager. Projects include, but not limited to commercial/retail, public sector buildings, multi-family residential, custom residential and historic buildings.

REQUIRED AND PREFERRED QUALIFICATIONS

1. To perform this job successfully, knowledge of design and preparation to complete accurate work plans, charts, scale drawings and revisions for complex projects, integrating skilled architectural/engineering drafting methods and procedures with the operation and application of computer aided design (CAD), building information modeling (BIM) and Revit/BIM360 software.
2. Minimum 2 years CAD/ Revit experience and certification from an Accredited Trade School a must.
3. A Bachelor's degree from four-year College or University in Architectural/Civil/Structural Engineering a plus.
4. Ability to express ideas concisely and clearly, orally and in writing.
5. Excellent writing skills and the demonstrated ability to write routine correspondence.
6. Ability to convey information effectively to employees and customers.
7. Strong attention to detail in the area of math (geometry).
8. Ability to apply common sense understanding to carry out detailed written or oral instructions.
9. Ability to deal with problems involving concrete variables in standardized situations.
10. Ability to manage one's own time and coordinate/prioritize work from multiple CAD outsource services.
11. To perform this job successfully, an individual should have knowledge of AutoCAD, Revit and BIM360 software.
12. CAD Certified/ Revit Certified a must.

OUR FIRM

Structural Focus is a structural engineering consulting firm specializing in the design of complex and innovative buildings. Since Structural Focus' 2001 inception, the firm has designed several million square feet of new structures and rehabilitated hundreds of existing buildings, including numerous historic projects, dozens of which are on the National Register of Historic Places.

The future of Structural Focus lies with our employees. We seek highly qualified and motivated individuals to continue our success. However, it is our responsibility to provide continuous training to our employees, and with a nearly 1:1 ratio of licensed structural engineers to other engineering staff, Structural Focus has an excellent environment to grow in and be mentored by experienced professionals.