

CAD TECHNICIAN – Structures

Come work at a rapidly growing engineering firm that is staffed with industry experts, has great benefits, and prides itself on developing our people.

The Company

Planview Utility Services is an engineering firm that provides engineering design, sub-surface investigation and geographical information related services to telecommunication companies and electric utilities. Our workforce is a mix of veterans of the industry and youthful enthusiastic technical resources. We have pride in our collegial culture and host multiple regular corporate sponsored social activities. Our embrace of the use of technology plays a large part in our success.

The Position

We are currently seeking a qualified CAD Technicians for our growing Ottawa office. This candidate will be responsible for the production of computer aided drawings from concept to final design for underground infrastructure projects. This individual will work closely with project coordinators, clients, design technicians, engineers and must possess excellent communication skills.

Responsibilities

- Report to the Manager of Engineering and Structures;
- Import AutoCAD, TIFF or other file formats and hard copy maps to create electronic base maps for road bases;
- Complete buried utility outside plant design drawings in accordance with CSA and ESA;
- Prepare plan and profile drawings in CAD which includes but is not limited to duct formation, duct occupancy, duct alignment, and manhole and equipment box locations in accordance with Client Standards and Practices;
- Prepare detailed drawings of reinforced concrete structures such as utility maintenance chambers, pad mounted interfaces and retaining walls for example (elevations, details and sections);
- Prepare detailed drawings of structural steel components such as conduit hanger systems attached to bridge structures for example (elevations, details and sections);
- Prepare rebar schedules, Bills of Materials;
- Participate in ongoing development of design standards and methodologies to further develop design and operational efficiencies;
- Interface directly with clients and other third-party resources to discuss, review and provide consultations for project requirements;
- Adhere to strict project budgets and client deliverable dates;
- Other activities as required.

Requirements

- Working experience with AutoCAD 2010 or later is mandatory;
- Strong problem solving and troubleshooting skills;
- Excellent written and oral communication skills;
- The ability to deal with multiple projects and conflicting deadlines and get along with people;
- Graduate from an accredited post secondary technical educational institution with minimum 2 years work experience;

- Strong knowledge / expertise in structural detailing / drawing of reinforced concrete structures and structural steel elements;
- Working knowledge of concrete and steel structural design principles;
- Familiar with Canadian industry codes, engineering practices, standards and construction methods.

Preferred Skills

- Experience with utility companies (i.e. electric, gas, telecom, fibre optic);
- Canadian consulting engineering work experience.

The Location

Planview Utility Services has 3 offices – Markham, London and Ottawa. Our clients and their projects are based throughout the province. ***The reporting office for this position is in Ottawa.***

Why You Should Apply

If you like to work as a part of a team, work alone, travel, contribute to infrastructure builds, work outdoors, receive competitive compensation, and be trained in current practices, then you should apply.

Note

Planview Utility Services Ltd is an Equal Opportunity Employer.

In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code, Planview Utility Services Ltd will provide accommodations to applicants with disabilities throughout the recruitment, selection and/or assessment process. If selected to participate in the recruitment, selection and/or assessment process, please inform Human Resources staff of the nature of any accommodation(s) that you may require.