



PATTLE DELAMORE PARTNERS LTD



Senior Civil CAD Technician

Auckland

- Interesting and varied projects
- Join a professional, friendly team
- Advance your career in a growing company

PDP is a New Zealand, employee owned environmental consultancy with 135 staff nationwide.

We provide engineering, scientific and planning services, and are dedicated to finding environmental solutions that work for both our clients and the environment. At PDP you will be working with high calibre people at all levels and professionals who are leaders in their field.

We are looking for a Senior Civil CAD Technician to work in our team of Civil/Environmental Engineers involved in 3 Waters design.

The Role

The role entails undertaking civil/mechanical engineering design and CAD drafting for Water Infrastructure capital-engineering projects ensuring that projects achieve outputs and desired outcomes at all levels. Duties include:

- Producing dimensional drawings, installation drawings and more complex drawings (plant engineering) using computer-assisted drafting systems (CAD).
- Working with our engineers to prepare engineering drawings of plans, elevations, cross sections and details from rough sketches and/or from general engineering design information according to established PDP standards and procedures.
- Drafting plans and detailed drawings for structures, installations, and construction projects such as, wastewater treatment plants, land irrigation systems, pump stations and water/wastewater reticulation networks.
- Reviewing hand sketches, drawings, specifications, and other engineering data received from civil/environmental engineers to ensure that they conform to design standards.
- Correlating, interpreting, and modifying data obtained from topographical surveys and utilities providers, geotechnical logs, and geophysical prospecting reports.
- Ensuring final designs comply with regulations and quality standards.
- Assisting in updating our CAD Standards Manual.

About you

- Proven work experience (6+ years) as a CAD Technician or similar, with a practical knowledge of civil engineering design practices and outcomes.
- The ability to demonstrate intermediate to advanced CAD/drafting skills in mechanical/civil engineering design.
- Hands-on experience with computer-aided design (CAD) software, with preference in the Autodesk drafting suite, namely AutoCAD software, including Civil3D or equivalent.
- Knowledge of 12d Model design software and familiarity with 3D modelling tools like SketchUp, is a plus.
- Working knowledge of all relevant technical specifications, standards and design guidelines.
- Able to work to deadlines, sometimes on multiple projects.

We offer

- Modern offices to work in
- An active social club
- A supportive team of people to work with
- A great location, with 5 minutes' walk to trains, buses, carparks and a major mall
- A culture of work/life balance
- Competitive remuneration
- Training and development

To apply, email employment@pdp.co.nz. Please include a cover letter, as well as your CV.

