



Shape a place  
where people  
want to be

**Position Title:** Draftsperson III

**Position Status:** Full-Time Regular

**Department:** Water Services

**Employee Group:** Teamsters Local 31

**Location:** 4515 Central Boulevard, Burnaby

**Salary Range/ Wage Rate:** PG T21 \$2,433.10 - \$2,863.75 bi-weekly

**Our Water Services Department is seeking a Draftsperson III who will work with our engineering and CAD teams to prepare and deliver engineering drawings related to Metro Vancouver's facilities including water, liquid waste and other works. Your drafting assignments may range from preliminary design up to records drawings.**

**You are: an intermediate CAD/ BIM professional with wide ranging infrastructure experience, including working experience in preparing Structural and/or Process piping drawings. You have several years of experience using tools such as Autodesk Revit software and have developed Revit families, parameters and templates as well as AutoCAD, Navisworks and PointClouds.**

**This role:**

- Prepares preliminary and final engineering drawings of water, sewage and drainage systems, including sewage treatment plants, water reservoirs, pumping stations and ancillary structures.
- Reduces and plots field notes of traverses, topographic and hydrographic surveys.
- Prepares detailed structural, mechanical and electrical drawings, topographic plans, tabulations, bills of material and performs the technical calculations required.
- Prepares orders for legal plans, existing and future underground service reference plans and maintains progress reports.
- May occasionally assist in and check the work of one or more drafting subordinates.
- Performs clerical and statistical duties related to the work.
- Performs other work of equal importance, difficulty and responsibility, requiring comparable qualifications.

**To be successful, you have:**

- Completion of Grade 12, including courses in mathematics with Trigonometry and Physics; one year drafting course, plus supplementary courses in job-related subjects. Considerable experience as a Draftsperson II or an equivalent combination of training and experience.

- Good knowledge of drafting practice techniques and standards; basic technical mathematics; basic engineering concepts and construction methods.
- Ability to perform skilled drafting and to do the associated calculations accurately.
- Ability to understand and carry out written oral instructions.
- Ability to work efficiently with limited supervision.
- Ability to read and interpret engineering drawings and specifications.
- Good visual and numerical aptitude.
- Skilled in the use of drafting and computing instruments (e.g. AutoCAD, Revit, BIM, etc.).

**Our Vision:**

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

We are committed to diversity, equity and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous People, visible minorities, immigrants, LGBTQ2S+, all genders and persons with disabilities.

Metro Vancouver requires all new hires to be fully vaccinated against COVID-19 (subject to any exemptions and accommodations) and provide proof of vaccination upon hire. *Please follow this link <http://www.metrovancouver.org/about/careers/> to our Careers page where you can submit your application by December 16, 2022.*