

PBX is looking for a Design Engineer to work with the Buildings team in designing projects in Vancouver, BC.

Title	Job Posting #
Design Engineer	VAN-1015
Location	Salary Range
Vancouver	\$60,000 to \$80,000

ABOUT PBX ENGINEERING

We are an electrical, systems, and software engineering firm, with offices in BC and Alberta. For more than 26 years we have diligently curated steady growth to build a successful company of over 120 employees.

Our extensive, diverse, and award-winning project portfolio includes infrastructure that positively impacts the public and the communities where we all live and work.

ABOUT OUR BUILDING'S TEAM

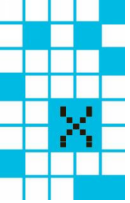
Our Building's team primary focus is the successful delivery of buildings projects in the following areas:

- Healthcare
- Education
- Arts & Culture – including museums and places of worship,
- Civic
- Commercial Offices
- Sports & Recreation
- Transportation – including airports, marine/border posts, and bus facilities
- Science & Technology – includes R&D laboratories

ABOUT THE ROLE

Working closely with other senior and intermediate engineers, the **Junior Design Engineer** will be a key member of the **Buildings** team, with responsibility for project tasks in the following areas:

- Based on instructions from more senior staff, read and learn to interpret relevant sections of the electrical, building codes, and other industry standards to prepare layouts of devices inside and outside of a building. This will include all types of electrical, telecommunication, security, lighting and lighting controls, fire alarm, nurse call, and public address systems for a variety of clients and facilities.
- With assistance from the more senior engineers, read and understand standard construction contracts such as the CCDC and MMCD documents with respect to the roles and responsibilities of all the signatories.
- Assist the senior and intermediate engineers in managing and tracking communications with clients, contractors, and other external engineering teams and prepare associated replies and documentation.



- Accompany senior engineers to field reviews to obtain exposure to construction best practices and deficiency assessment. Assist in preparing associated reports and photographs.
- Learn how to prepare lighting calculations using AGI32 software.
- Prepare drawings in CAD or Revit software or oversee production of drawings by CAD technicians.
- Work to a schedule and be proactive and responsible for your time and the deliverables assigned to you.

QUALIFICATIONS

CORE QUALIFICATIONS

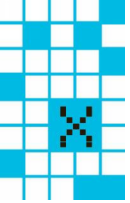
While in addition to experience with the above responsibilities, the qualifications for the position include:

- Diploma in Electrical Engineering Technology program or equivalent from a recognized technical institute; or a degree in Electrical Engineering from an accredited university
- Eligible for registration with EGBC as an EIT and eventually a P.Eng.
- Experience with creating AutoCAD drawings and deliverables.
- Proven organizational and time management skills
- Demonstrated effective project management experience
- Strong oral and written communication skills
- Effective interpersonal skills and a positive, professional attitude
- Able to effectively deal with responsibility and demanding work schedule
- Strong computer skills including good working knowledge of the MS Office 365, Teams, and SharePoint suite

DESIRABLE QUALIFICATIONS

The following qualifications are desirable, but not essential (if you don't have them and you're the right person for the role, we'll support your training and development in these areas):

- Experience with creating Revit deliverables is preferred.
- Knowledge of the Canadian Electrical Code, BC Building Code, and other similar bylaws is preferred but not required.
- Experience with AGI32 or lighting software is preferred but not required
- LEED accreditation and experience in delivering certified LEED Gold or higher projects
- Experience within the following technical areas:
 - Power Distribution Systems
 - Utility Coordination and Site Services
 - Lighting and Lighting Controls
 - Communication Systems, Structured Cabling, and Infrastructure
 - Standby and Emergency Generators
 - Fire Alarm Systems
 - Emergency Lighting
 - Nurse Call Systems



- Public Address and Mass Notification
- Security and Access Control

BEING A PART OF THE PBX COMMUNITY

We believe in supporting the long-term career development of our staff through a diverse and challenging workload, industry engagement, and internal and external training. A quarter of our staff have been with us 10 years or more. We understand that only employees who feel valued, respected, and empowered are able to create the innovative solutions that set us apart and deliver the quality of work our clients have come to expect from us.

We apply the same effort in fostering a positive social environment as we do in developing innovative and successful projects. You'll be joining a firm that believes strongly in creating the kind of community-based work culture that people want to be a part of.

For the second year in a row, we have been recognized as one of Canada's Top Small & Medium Employers – an award we were very proud to have received, but we understand it must be continuously earned to have true merit. We continuously strive to make our firm the kind of place where people want to stay: our benefits package and approach to compensation are structured to support that goal.

Our comprehensive benefits package includes the following:

- Medical, Dental, & Vision Benefits, including long-term disability and life insurance
- Paid time off, including paid holidays, Sudden Illness, Injury & Childcare (SIIC) days
- A Maternity & Parental Leave Top Up Program
- RRSP contributions with company matching
- A Health & Wellness Incentive Program for things like gym memberships, recreational gear, and more
- An Employee Assistance Program
- Annual high performance bonus program based on company and personal performance
- Staff social events, team lunches, and high-quality swag you can actually use or wear with pride
- Hybrid work model

COMPENSATION

The range of compensation for this position is \$60,000 to \$80,000 base salary per annum. This salary range is provided specifically for compliance to provincial legislation. The actual salary will depend on the skills, experience, and capabilities of the successful candidate relative to the role and may or may not land within the range specified above.

APPLICATIONS

Qualified applicants are encouraged to send their resumes, complete with references, via email to careers@pbxeng.com. Include "Design Engineer, Buildings – VAN-1015" in the subject line.

Resumes will be accepted until position filled.