

**Bruce Feuchuk**  
ELECTRICAL DESIGNER

**AREAS OF PRACTICE**

Lighting and Power Systems including Standby Generators, and UPS Power

Low tension systems including Nurse Call, Paging, Security, Telephone and Data, Patient Wandering, Asset Tracking

Security Systems

Fire Alarm

**PROFILE**

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Bruce has worked on significant number of Projects throughout BC. He works closely with Architects and space planners providing electrical designs for power, lighting and low tension systems commonly found in commercial, educational and institutional types of facilities.

**CAREER**

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AG Engineering	2009 - Present
SHEN Electrical Design Ltd.	2005 - Present
Omicron Architectural Engineering Construction	1998 - 2005
Robert Freundlich and Associates Ltd.	1993 - 1998
Domco Engineering (Dominion Construction	1987 – 1993
Gaarder, Lovick Engineering Ltd.	1979 – 1987
R.A.Duff Company	1977 – 1979
Thompson Berwick Pratt & Partners	1973 - 1977

**PROJECT EXPERIENCE**

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**Educational**

- Forest Sciences Building - UBC
- Terry Fox Biomedical Sciences Building - UBC
- Theatre renovations at Instructional Media Centre (IRC) – UBC
- Seismic Upgrade University Centre – UBC
- Food And Nutrition Building Level 2 Lab renovation – UBC
- Food And Nutrition Building Theatre 60 renovation – UBC

**Health Care**

- St. Paul's Hospital fire alarm system replacement
- Prince Rupert Hospital fire alarm system and Nurse Call system
- Neighbourhood Haemodialysis facilities East Van. Providence Health
- Renovations to the Sterile Processing Department at Richmond Hospital
- Renovations to the Ambulatory Care Department at Richmond Hospital
- Renovations for a Cardiac CT suite at St. Paul's Hospital, Vancouver
- Renovations for the Emergency Department at St. Paul's Hospital
- Renovations for a Diagnostic Treatment Unit (DTU) at St. Paul's Hospital
- Renovations to the Fast Track at St. Paul's Hospital, Vancouver, BC.

- Renovations to the Haemodialysis treatment area at St. Paul's Hospital
- Renovations to an existing OR suite at St. Paul's Hospital, Vancouver, BC for a Cardio Vascular Minimum Invasive Surgical (MIS) suite

## PROJECT EXPERIENCE CONT'D

- Renovations for the Ambulatory Care Outpatient Department at St. Paul's Hospital
- Three Neighborhood Haemodialysis treatment facilities located in North Vancouver, Richmond, and Squamish. Design included special patient grounding; lighting; nurse call systems; voice and data design; plus standby generators for the North Vancouver and Richmond sites. Site chair capacity ranged from 5 to 18.
- Over 10 Doctors' offices and Goodlife Fitness centres located in Loblaws Stores in BC, Alberta, Saskatchewan and Manitoba.
- Four (4) drug walk-in treatment clinics in the City of Vancouver.
- An Extended Care Unit addition to the Acute Care Hospital in Williams Lake, BC. Plus a main power and generator upgrade for the Hospital.
- An Extended Care Unit addition to Lions Gate Hospital, North Vancouver, BC.
- A multi-bed Ward renovation to the E.C.U. located in Powell River, BC.
- Power service and Life Safety upgrade for the Acute Care Hospital in Penticton, BC.
- Several office and clinic renovations for the Vancouver Coastal Health Authority (VCHA).
- The site inspection and contract administration of the Fraser Valley Cancer Centre at Surrey Memorial Hospital, Surrey, BC. This site included two 20 MV Linear Accelerators; one 6 MV Linear Accelerator; one Orthovoltage/MHDR and one Cobalt treatment room plus two simulation rooms.
- The site inspection and contract administration of the renovations to the Burns and Trauma unit at Vancouver General Hospital, Vancouver, BC.
- Numerous projects at University of British Columbia including:
  - Thea Koerner Fire Alarm replacement
  - FNH Building Fire Alarm replacement
  - FNH Building second floor lab renovations
- Numerous projects in St. Paul's Hospital (Providence Health Care). Projects ranged from office areas to treatment and procedures and imaging departments. Work entailed lighting, power, fire alarm, nurse call and communications systems and construction services. Main projects are:
  - Renovation to the Radiology reception area
  - Replacement of three CT Scanner suites
  - Replacement of two MRI suites
  - Replacement of two existing Cath Lab procedure equipment
  - Installation of two Gamma Cameras
  - Respiriology area Renovations

- Eyes Nose Throat (ENT) Renovations
- Lab Area Renovations
- The Heart Centre - 2 Cardiology Cath Labs and 2 EP (Electrophysiology) Suites - Providence Tower 5C/D
- A third EP (Electrophysiology) Suite addition to the Heart Centre
- Infectious Disease Centre Renovations
- Dr. Peter Aid Centre (2 projects)
- OR Suite renovations including Minimal Invasive Surgery
- Several Laboratory Renovations
- Cardiac Services ICU Renovation (CSICU)
- CCU area Renovations
- Psychiatric Care area - Providence Tower 9A
- Installations of Omnicell medical dispensing systems
- Renovations to the Pharmacy (expansion)