



BUILDING ENGINEERING DISCIPLINES

Mechanical and Electrical Engineering and Design

Full mechanical and electrical systems design, construction document production, and construction administration services for HVAC, plumbing and drainage, fire protection, power distribution, lighting, and data systems for institutional, commercial and industrial projects.

Design Build Assistance

Assist and guide contractors and end-users with efficient and cost effective designs and assist in obtaining approvals from the local authorities having jurisdiction. Expert counsel onsite and on the drawing board, to help you get the job done.

Facility Upgrades Analysis/Design

Review of existing mechanical and electrical systems, lifecycle analysis, upgrade recommendations, budget analysis, design of upgrades, production of contract documents for building permit approval and tendering, contract administration.

Tenant Improvements Design

Full HVAC, plumbing, power distribution, lighting, data, and fire protection systems design services for everything from new shelled spaces to complete renovations of existing spaces.

Sustainable Design

NECB Compliance Consulting Services. Energy modelling to ensure buildings perform in compliance within the national energy code, and required documentation criteria.

LEED design and documentation services: LEED® the international mark of excellence. As Canada Green Building Council states, "Green buildings create a healthier indoor environment for occupants through better indoor air quality"

Building Energy Analysis

Energy modelling, energy reduction assessment of improvements, and payback analysis. Helping you get the most of your systems.

Technical Reports

Assessments & audits of existing building mechanical systems, schematic design and feasibility studies, troubleshooting reports.

Third Party Review

Review services to ensure that both designs in progress and constructed buildings are in compliance with code requirements and engineering best practice.