



CREATING BUILDINGS WITH AN OPTIMIZED LIFE CYCLE TAKES ENGINEERING GENIUS.

BUILDING.

Technologies, materials and standards (LEED, ASHRAE, BOMA) evolve constantly and the requirements of users are ever-increasing. In response, our specialists create designs that are forward-looking and oriented towards buildings that have an optimized lifecycle. Because today, optimal use of energy, respect for the environment and the need to build sustainably are, quite simply, what drive us.

OUR PEOPLE: THE FOUNDATION OF YOUR SUCCESS.

Hundreds of our experts work with our clients in the fields of health and research and in the private, public, institutional, higher education and culture sectors. Our designers are enlightened by science and preoccupied by energy efficiency. Their designs are innovative, distinctive and outstanding... thanks to the originality of their responses to client needs. Every member of our team contributes to offering you a full range of services.

Together, we can carry out your project.

BUILDING FOR OUR CLIENTS IS OUR PASSION.

OUR CLIENTS

EDUCATION | HEALTH AND RESEARCH CENTRES | REAL ESTATE | HIGHER EDUCATION | CULTURE | INSTITUTIONAL | PUBLIC WORKS | SPORTS FACILITIES | COMPUTER DATA CENTRES

OUR AREAS OF EXPERTISE

MECHANICAL

- Ventilation, air conditioning and heating
- Piping, plumbing and ice water
- Fire protection
- Medical gases, compressed air

ELECTRICAL

- Intrusion alarm and fire safety
- Communications and call systems
- Lighting
- Electrical access and distribution

STRUCTURAL

- Earthquake evaluation and rehabilitation
- Dynamic analysis of structures
- Steel, concrete and wood framing
- Foundations, pilings and support structures

ENERGY EFFICIENCY

- Electrical analysis and feasibility studies
- Geothermal and solar systems
- Certification process
- Modelling, design and activation
- Monitoring of energy expenditures

COMMISSIONING, RECOMMISSIONING AND RETROCOMMISSIONING

- Certification process
- Activation in accordance with prescribed standards

PROJECT MANAGEMENT

- Contract administration
- Supply
- Estimation
- Construction management and supervision
- Planning, monitoring and control of costs and schedules
- Health and safety

REAL ESTATE PLANNING

- Real estate and asset maintenance master plans
- Functional and technical programs
- Cost estimation
- Clinical programming in a hospital environment

EXTERIOR DESIGN AND LAYOUTS

- Water supply
- Traffic and parking
- Rainwater retention
- Drainage, property characterization and decontamination

TELECOMMUNICATIONS

- Specialized radio equipment, optic filters and cabling
- Network modelling
- LAN/MAN/WAN networks
- Telecommunications rooms, control and monitoring systems and telephony



BUILDING A STRONG BASE FOR THE FUTURE!

In Building Engineering, our mission is to develop a sustainable relationship with our clients. Every one of our team's decisions aims to achieve your satisfaction. **The network, the resources and the sense of responsibility. From coast to coast to coast.**

More than 14,000 associates in more than 330 offices around the world.



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