



## **HISTORY**

Dumac Energy Limited was incorporated in 1983 to offer engineering services to Atlantic Canada. We specialize in building sciences, providing engineering design services in the mechanical, electrical and industrial disciplines. The Firm provides a complete engineering package to its Clients beginning with the conceptual design stage, through the preparation of detailed engineering drawings and specifications, and finally contract management and construction administration phase of the project.

Dumac Energy has established a solid reputation in the industry by concentrating on providing engineering designs which blend technologies that have a proven track record with new leading edge solutions where applicable. We believe that sustainable design is the way of the future and buildings which cost less, work better and are in harmony with their surroundings will become the norm in our industry. To this end, we are members of the Canadian Green Building Council which stresses leadership in energy and environmental design (LEED).

The Firm consists of a base of fifteen full time employees including electrical, mechanical and industrial engineers with interdisciplinary support staff proficient in building systems design and construction. Computer aided design (CAD) and Revit programs are used extensively, allowing the production of engineering drawings in an efficient and cost effective manner.

## **PRINCIPALS AND SENIOR STAFF**

D.M. Dumaresq, P.Eng., Registered Electrical Engineer, President  
D.G. LeBlanc, P.Eng., Registered Industrial Engineer  
M.G. Doyle, P.Eng., Registered Mechanical Engineer  
M.F. Eisnor, P.Eng., Registered Mechanical Engineer  
N.B. Pettipas, P.Eng., Registered Electrical Engineer

## **FIELDS OF SPECIALIZATION**

### **Building Sciences**

- Heating Ventilation and Air Conditioning (HVAC) Systems
- Plumbing and Drainage Systems
- Fire Protection Systems
- Building Automation and Control Systems
- Lighting Systems
- Power Distribution Systems
- Power Distribution Systems
- Fire Alarm and Life Safety Systems
- Communication Systems Structured Wiring
- Security and Building Access Control Systems
- Closed Circuit Television Systems
- Energy Audits

## EXPERIENCE

### Typical Scope and Range of our Projects:

- Acadia Science Complex Renewal – 45,000 square foot renovation/addition to science building -labs and lecture theatre at Acadia University
- South Peninsula Elementary School – 65,000 sq. ft. P-6 school incorporating the latest technologies.
- Yarmouth Elementary School – 54,000 sq. ft. P-6 school incorporating the latest technologies.
- Bridgetown P-12 School – 91,000 sq. ft. P-12 school incorporating the latest technologies.
- Wallace McCain Learning Commons – 13,000 square foot learning centre - Dalhousie University
- Margaret Norrie McCain Centre – Centre for teaching, learning and research , Mount Saint Vincent University
- Bedford High School – 160,000 sq. ft. high school incorporating the latest technologies.
- Pier 21 – Additions and Alterations – to the Canadian Museum of Immigration.
- NSCC – Electrical Distribution Upgrades – Various Campuses.
- Bluenose Academy – 90,000 sq. ft. P-9 school incorporating the latest technologies.
- Westmorland Institution – a new 50-bed minimum security building, Dorchester, NB.
- Yarmouth Consolidated Memorial High School – 104,000 sq. ft. high school.
- Villa St. Joseph du Lac – 90,000 sq. ft. long term care facility, Yarmouth, NS.
- Ross Farm Learning Centre – 17,500 sq. ft. Administration Teaching Building.
- Government House Restoration – complete mechanical and electrical renovation to Canada’s oldest occupied Government resident.
- Nova Scotia Justice Facility Security Systems Upgrades – closed circuit television, access control and intercom systems in 12 locations throughout Nova Scotia.
- Ecole Secondaire de Sommet – 72,000 sq. ft. high school incorporating the latest technologies.
- Cobequid Community Health Centre – 125,000sq. ft. medical facility.
- Tideview Terrace – 82,000 sq. ft. long term care facility, Digby, NS.
- St. Marguerite Bourgeoys Parish – 12,500 sq. ft. New Catholic Church.
- Juno Tower – 180,000 sq. ft. multi-purpose facility containing residential spaces, kitchens, cafeteria, office spaces and meeting rooms.
- Maritime Helicopter Training Centre – 3 level building housing state-of-the-art trainers and mission simulators for the military.
- Kings Mutual Century Centre – sports and recreation facility including 1200 seat ice arena, curling rink, walking track and gymnasium.
- Dartmouth High School – complete renovations and technology upgrades for a 150,000 sq. ft. high school.
- Scotiabank – new and renovated bank branches throughout Nova Scotia.
- McCain Centre – Mount Saint Vincent – 40,000 sq. ft. teaching, learning and research building.
- NSCC Akerley Campus – 20,000 sq. ft. – new administration wing.
- St. John’s Anglican Church – 15,000 sq. ft. new Anglican church.
- Nova Institution for Women – 14-Bed minimum security building, Truro, NS.
- The Meadows – 100,000 sq. ft. long term care facility, Yarmouth, NS.
- Prince Andrew High School – complete renovations and technology upgrades for a 146,000 sq. ft. high school.
- St. Margaret’s Centre – sport and recreation facility including 900 seat ice surface, gymnasium and community spaces.
- White Point Beach Lodge – rebuild of this iconic lodge in Liverpool.