

# CONSULTING ENGINEERS

**J. S. Armstrong**  
CONSULTING ENGINEER, M. CAN. SOC. C. E.  
**HARBOURS AND TERMINALS**  
**RE. CONCRETE & TECHNICAL LAW CASES**  
15 WALKER BUILDING, ST. JOHN, N. B.

**Gagné & Jennings**  
Consulting and Constructing  
**ENGINEERS**  
Lawlor Building, - TORONTO  
PHONE MAIN 717

**EDWARD B. MERRILL**  
B.A., B.A. Sc., Mem. Can. Soc. C.E. Mem. A.I.E.E.  
**ENGINEER**  
Power Developments and Transmission, Electric  
Lighting, Electric Railways, Municipal Engineering,  
Industrial Plants, Reports, Valuations, Etc.  
**LAWLOR BUILDING, TORONTO, AND**  
**305 FORT ST. WINNIPEG.**

A.M.C.S.C.E. Ass. A.I.E.E.E.  
**DeGASPE BEAUBIEN**  
B. Sc.  
**CONSULTING**  
**ELECTRICAL ENGINEER**  
Liverpool & London & Globe Bldg., MONTREAL

**GALT & SMITH,**  
**Consulting Engineers**  
Waterwork, sewerage and sewage disposal.  
Electric Lighting, steam and water powers,  
consultations, examinations and reports.  
JOHN GALT, C. E. OWEN W. SMITH,  
Mem. Can. Soc. C.E. Assoc. Mem. Can. Soc. C.E.  
Office : 23 Jordan St. Toronto. Phone M. 3488.

TELEPHONE MAIN 4652  
**T. AIRD MURRAY, C.E.**  
**CONSULTING ENGINEER**  
**SEWERAGE-SEWAGE DISPOSAL**  
**WATER SUPPLY AND PURIFICATION**  
ASSOCIATED WITH  
ANDREW F. MACALLUM, B.A.Sc., C.E.  
612 CONTINENTAL LIFE BLDG., TORONTO, CAN.

H. J. BOWMAN, M. Can. Soc. C. E.  
A. W. CONNOR, B.A., C.E., A.M. Can. Soc. C.E.  
**BOWMAN & CONNOR**  
Consulting Municipal and Structural Engineer  
Waterworks, Sewerage and Electric Plants  
Concrete and Steel Bridges and Buildings  
CEMENT TESTING  
36 Toronto St. Toronto, Tel. Main 5724.  
Branch Office, Berlin. Tel. 112B.

Superintends Construction and Repairs  
20 Years' Experience  
**JOHN W. GERELL**  
Canadian Representative  
ROBERT STEPHENSON & CO., Ltd.  
Shipbuilders, Hebburn-on-Tyne  
**Consulting Engineer Naval Architect**  
Designs, Specifications and Estimates for  
all classes of Marine Vessels and Machinery  
hone M. 6555 TORONTO 43 Victoria Street

**HENRY N. NOLD**  
Consulting Electrical and Mechanical Engineer  
Provident & Loan Chambers, Hamilton, Canada  
Examinations, Estimates, Reports, Plans, Specifi-  
cations and Supervision of Hydro-Electric Power  
Developments, Lighting, Railway Industrial and  
Power Installations, Power Transmission, Etc.

**CAMERON SEPTIC TANK Co.**  
**CONSULTING ENGINEERS**  
Sewage Disposal  
**MONADNOCK BLOCK, CHICAGO, III.**  
NEW YORK SAN FRANCISCO  
143 Liberty Street. 528 Monadnock Bldg.

**H. J. HOFFNER, B.Sc.**  
Assoc. Member Can. Soc. C.E.  
**Irrigation and Hydraulic Engineer.**  
**British Columbia and Alberta.**  
Box 1667, Calgary, Alta.

**J. STANLEY RICHMOND**  
**CONSULTING ENGINEER**  
Power Plants and Expert Electrical Questions; City  
and Suburban Railways; Iron, Steel, Fuel and Gas  
Chemistry; Mechanical and Mining Engineering;  
Factory Systemization; Building Materials.  
**34 VICTORIA STREET, TORONTO**  
TEL. MAIN 5240. CABLE ADDRESS "TROLLEY"

**WILLIS CHIPMAN**  
Hon. Grad. Engineering, McGill University; M.  
Can. Soc. C.E., M. Am. Soc. C.E.; M. Am.  
Water Works Association  
**Water Works, Sewerage Works,**  
**Gas Works.**  
Electric Light and Power Plants.  
Reports, Surveys, Construction. Valuations  
103 BAY ST., TORONTO

**LEA & COFFIN**  
AND **H. S. FERGUSON,**  
**ENGINEERS**  
Water Supply, Sewerage, Water Power  
Development and Transmission, Steam  
Power Plants, Pulp and Paper Mills,  
Examinations and Reports.  
Coristine Building, Montreal

**J. M. SHANLY**  
M. CAN. SOC. C. E. M. AM. SOC. C. E.  
**CIVIL ENGINEER**  
Room 310, Board of Trade  
MONTREAL  
RAILWAYS, BRIDGES, FOUNDA-  
TIONS, HYDRAULIC WORKS

**CLARKE & MONDS**  
Engineers and Contractors  
TORONTO, ONT.

**A. & E. LOIGNON, C. E.**  
17 Place d'Armes Hill, Montreal  
Reinforced Concrete Constructions, Fireproof  
Warehouses, Factories, Etc., Steel  
Structures, Water Power,  
Designs and Superintendence of Work.

**SMITH, KERRY & CHACE**  
**ENGINEERS**  
Hydraulic, Electric, Railway, Municipal, Industrial.  
W.U. Code used. Cable Address "Smithco."  
TORONTO WINNIPEG  
Cecil B. Smith J. G. G. Kerry W. G. Chace.

**C. J. FENSOM**  
B.A. Sc.  
**CONSULTING ENGINEER**  
Aberdeen Chambers, PHONES { Res., N. 2967  
Toronto, Office, M. 1923  
Machinery designed, supervised, inspected and  
contracted for. Tests, Reports, Electric Light  
Plants, Power Plants, Pumping Plants.

**ANDREW F. MACALLUM, C. E.**  
**Consulting and Constructing**  
**Engineer.**  
Steam and Electric Railways.  
Hydraulic, Industrial and Mining Plants,  
Rooms 612-14 CONTINENTAL LIFE  
Tel. Main 4652. BLDG. TORONTO

**WELLS & RAYMOND**  
**CIVIL ENGINEERS**  
Sewers, Sewage Disposal, Pavements, etc.  
Reinforced Concrete Structures of all kinds.  
Bridges, Buildings, etc.  
Designs prepared for Contractors, to  
comply with Architects' Specifications.  
A. F. WELLS, B.A. Sc., O.L.S. Assoc. M. Can. Soc. C.E.  
D. C. RAYMOND B.A. Sc. Assoc. M. Can. Soc. C.E.  
**217 Stair Building - TORONTO**  
Phone M. 3056.

**WALTER J. FRANCIS, C.E.**  
**Consulting Engineer**  
SOVEREIGN BANK BUILDING  
**MONTREAL**  
MEMBER CANADIAN SOCIETY CIVIL ENGINEERS  
MEMBER AMERICAN SOCIETY CIVIL ENGINEERS

**Charles H. Mitchell**  
**Percival H. Mitchell**  
**Consulting and Supervising**  
**Engineers**

**J. EDGAR PARSONS, B.A.**  
BARRISTER  
Rooms 53 and 54 Canada Permanent Bldg.  
18 Toronto St. - TORONTO  
Tel. Main 2306

**EDW. O. FUCE**  
Hon. Grad., Univ. Tor. (S.P.S.)  
A. M. Can. Soc. C.E. Ont. Land Surveyor  
**CIVIL ENGINEER**  
GALT ONTARIO  
REINFORCED CONCRETE STRUCTURES  
SEWERAGE, SEWAGE DISPOSAL, WATER WORKS

Hydraulic, Steam and Electric Power Plants  
Industrial, Electrical & Municipal Engineering  
**Traders Bank Building, Toronto**

**Your Name Should Be Here**  
(Send for Rates.)