

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

WILLIS CHIPMAN

Hon. Grad. McGill University.
M. Can. Soc. C.E. M. Am. Soc. C.E.
Mem. Am. W.W. Ass'n.

**WATERWORKS, SEWERAGE WORKS, GAS
WORKS, ELECTRIC LIGHT AND
POWER PLANTS**

Reports, Surveys, Construction, Valuations

103 BAY STREET - TORONTO

R. E. SPEAKMAN, C.E.

A. M. Inst. C. E., 1878.

CONSULTING ENGINEER

Waterworks, Sewerage and Sewage Disposal.
Municipal Improvements.
Granolithic Pavements.
Electric Light Plants.
Drainage and Irrigation of Land.
Coal Handling Plant and Machinery.
Plans, Specifications and Estimates.
Construction and Valuations.

Canada Life Building - TORONTO

E. VON DER OSTEN & CO.,

Consulting Engineers

Industrial Plants, Waterworks.
Lighting and Power Plants.
Sewerage and Sewage Disposal
Garbage Reduction Plants
Municipal Improvements

Roncesvalles Ave. & High Park Road,
TORONTO, ONT.

Cable: Ackcoll

J. J. COLLINS

B.A.S., C.E., M.E., E.E.
Consulting Engineer
Ottawa, Ont., Canada

EDWARD B. MERRILL

**ELECTRICAL & MECHANICAL
ENGINEER**

18 KING ST. W. TORONTO

RODERICK J. PARKE

A.M. Can. Soc. C.E. A.M. Amer. Inst. E.E.

CONSULTING ELECTRICAL ENGINEER.

Electrical Light and Power.
Steam Plants, Gas Power Plants, Water
Power Plants.
Estimates. Tests. Reports. Valuations.

82-53 Jones Building - TORONTO, CAN.
Long Distance Telephones-Office and Residence
Cable Address "Rodparke" (W. U. Code.)

Wears Like Iron

MANGANESE

Anti-Friction

Babbitt Metal

Syracuse Smelting Works, Montreal.

Manufacturers of

DERRICKS

and Derrick

Iron, Sheaves,

Hooks and

Chains, Stump

Pullers, Wire

and Cable

Stretchers,

Tackle Blocks

Material Ele-

vators, and

Dealers in

HOISTING

ENGINES

and Con-
tractors' Sup-
plies.

National Hoist & Machine Co.

834 West 2nd Street, Chicago

John H. Jackson

CIVIL ENGINEER

**WATER POWER, ELECTRIC RAIL-
WAYS, STRUCTURAL STEEL.**

Niagara Falls, Canada

Associated with Charles H. Mitchell,
C. E., Hydraulic Engineer.

CHARLES BRANDEIS

A. M. Can. Soc. C. E. A. M. Amer. Inst. E.E.
Mem. Amer. Electro-Chemical Soc., E.C.

CONSULTING ENGINEER

Estimates, Plans and Supervision of Hydraulic
and Steam-Electric Light, Power and Railroad
Plants. Specifications, Reports, Switchboard
Designs, Complete Factory Installations, Elec-
tric Equipment of Mines and Electro-Chemical
Plants.

Long Distance Telephone Main 3256.

Cable Address: Brandeis-Montreal.

W. U. Code, Univ-Edition.

62-63 Guardian Building MONTREAL

"Giant Brand" Portland Cement

Manufactured at BLUE LAKE

Gives universal Satisfaction. (Used exclusively on all work by the City of Brantford and other places)

THE ONTARIO PORTLAND CEMENT CO., LIMITED

Head Office: Brantford, Ont.

Long Distance Phone 194.

THE ONTARIO ASPHALT BLOCK CO., L'T'D.

MANUFACTURERS OF

ASPHALT BLOCK PAVING

Information and samples furnished municipalities on application.

Main Office: WINDSOR, ONT.

Works: WALKERVILLE, ONT.

THE IMPERIAL PORTLAND CEMENT CO.

LIMITED

OWEN SOUND, ONT.

The Only Makers of the Celebrated **IMPERIAL** and the Makers of
ONLY that One Brand and Quality of

PORTLAND CEMENT**THE CANADIAN SEWER PIPE CO.**

MANUFACTURERS OF



FOR

Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

ST. JOHNS, P.Q.

HAMILTON, ONT.

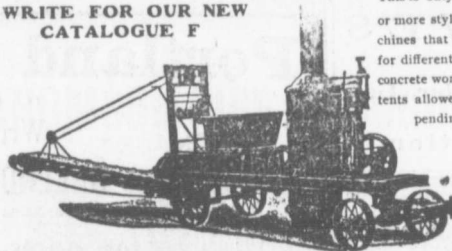
TORONTO, ONT.

The Greatest Concrete Mixer Yet Made

WRITE FOR OUR NEW
CATALOGUE F

This is only one of 30
or more styles of ma-
chines that we make
for different kinds of
concrete work. 10 pa-
tents allowed, others
pending

NUMBER OF PATENTS
33,664
672,934
675,035
675,036
675,037
698,182
698,910
699,667
699,668
701,312



Also
Mortar and
Asphalt Mixers

DRAKE STANDARD MACHINE WORKS

Factory,

7-9-11-13 Garden Street, Chicago.

Office and Salesroom, 298-300-302 W. Jackson Boul.

Chicago, Ill., U. S. A.

Eastern Agent, Walter S. King, 27 St. John's Place, Brooklyn, N. Y.