VANCOUVER CALGARY WINNIPEG THE JOHN GALT ENGINEERING CO., LIMITED Consulting Civil Engineers

SPECIALISTS IN ALL KINDS OF MUNICIPAL ENGINEERING WORK
Waterworks, Sewerage, Electric Lighting, Steam and Water Power, Concrete Construction

JOHN HADDIN

E. L. MILES

THOMAS H. MAWSON & SONS

LANDSCAPE ARCHITECTS AND - CITY PLANNING EXPERTS -

Canadian Representative:

J. W. Mawson, Diploma Civic Designs
Liverpool University. Also at London, Lancaster & New York

1100 Rogers Building, Vancouver, B.C.

EDWARD C. CLEMENT

ATTORNEY AND COUNSELLOR AT LAW Solicitor of Patents

ELECTRICAL EXPERT

McGILL BUILDING - - WASHINGTON, D.C.

CHARLES BRANDEIS, C.E.

A.M. CAN. SOC. C.E.

CONSULTING ENGINEER to Provincial Government, Municipalities, &c. Estimates, Plans and Supervision of Hydraulic and Steam Electric Light, Power and Railroad Plants, Waterworks and Sewers. Arbitrations, Reports and Specifications MONTREAL 4 PHILLIPS PLACE - - - -

T. Aird Murray, M. Can. Soc. C. E.

T. Lowes, C. E.

AIRD MURRAY & LOWES

CONSULTING ENGINEERS

Reports, Plans, Estimates, Specifications, Surveys, etc., for Municipal Sewerage, Water Supply. Sewage Disposal & Water Purification. Analyses of Water and Sewage Effluents. 186 King Street West - TORONTO

A. L. McCULLOCH, M. C. Soc. C.F.

CONSULTING ENGINEER

Hydro-Electric Power Installation Water-Works, Sewerage and Sewage Disposal Examinations, Plans, Estimates & Reports

NELSON, B.C.

BURNETT & McGUGAN

(Successors to GEOFFREY K. BURNETT) Civil Engineers and B.C Land Surveyors Plans, Surveys, Réports

WESTMINSTER, NEW

P.O. Box 107

British Columbia

BAYFIELD & ARCHIBALD

Consulting and Constructing Engineers

Plans, Reports, Estimates for Machinery Plants for Electric Light, Water Works, I Making, &c. Road

Molsons' Bank Building - VANCOUVER, B.C.

Engineers—And what

they are doing

BERLIN, ONT.

City Engineer Herbert Johnston, reports that during the past year 22,867 square yards of pavements have been laid, including 2,100 square yards of concrete and 20,767 square yards of tarvia. In addition, some 98,850 square feet of sidewalk have been constructed.

WINDSOR, ONT.

Windsor, Walkerville and Sandwich, Ont., are urging the Provincial Government to approve of the formation of a metropolitan commission, whose duty it will be to assume control of waterworks, sewers, hydro-electric systems and street railways in the three towns. It is felt that these public utilities can be managed more intelligently and satisfactorily than under the present system of individual control.

MOOSE JAW, SASK.

City engineer commissioner George Mackie, has announced a saving of \$9,900 in the operation of the waterworks department over the 1914 expenditures, with an efficiency still sufficient to meet all requirements.

SHADE TREES.

In Boston there is a discussion as to the merits of the oak, the elm and the maple as shade trees for city streets, and each variety has its champions. Why not compromise by deciding that each is very desirable for the purpose. The trees are beautiful and live long. Here in Canada we have many trees, and every one is admired by all sensible people. The maple, the oak, the elm, the birch, the poplar, the beech, the basswood or linden, the hickory, the pine, the spruce, the balsam fir, the hemlock, the cedar, the tamarack, and others less common are to be seen everywhere. More and more is their presence being appreciated, and governments and municipalities have taken up the work of protecting them and encouraging their growth, both for the sake of beauty and utility.—Montreal Gazette.

EDMONTON ELECTRIC SUPPLY.

Edmonton City Council at a special meeting held on September 14, 1915, endorsed the offer of the Edmonton Hydro-Electric Power Company and ordered that an agreement between the council and the company, on the basis of a thirty-year franchise, be prepared and submitted to the burgesses. The company (with whom are associated Messrs. G. W. Farrell and Company, of Montreal, and Sir John Jackson and Company, of London, England) proposes to establish a hydro-electric power station on the Saskatchewan River near Rocky Rapids, and, in addition to its power line, to connect the power station with the city by means of an electric railway. The estimated cost of the power station and contingent works amounts to almost \$6,000,000.

OUTREMONT SIGNAL SYSTEM.

The City of Outremont, Quebec, Canada, has recently installed a police and fire signal system, which is unsurpassed by any American city. The fire alarm system consists of twenty-seven positive non-interfering succession keyless bell-less boxes, and the police signal system consists of thirteen boxes equipped with wagon, duty and telephone signals, and with a green flashlight and a large vibrating gong.—National Municipal Review.

DANGEROUS MUNICIPAL OPERATION.

A line foreman of the municipal lighting plant, wishing to be of service to an unappreciative city-owned mule, began to trim the fetlock on the business end of the animal's anatomy, to wit-his right hind leg. Apparently the nippers must have pulled out one of the mule's hairs because. without preliminary warning, he kicked the foreman squarely in the mouth, injuring him so painfully that he had to be removed to his home.—The Palladium.