

WANTED

A competent Superintendent and Draftsman for a wood-working factory in Newfoundland. A practical mechanic with some knowledge of drawing and architecture preferred. Apply stating experience, age and salary required, to THE HOWWOOD LUMBER CO., LTD., P.O. Box 304, St. John's, N.F.

Municipal Debentures FOR SALE

Tenders are asked for by the undersigned for the purchase of \$45,000 High School Debentures of the Town of Harriston, with interest at 4½ per cent. Payable in 30 equal annual instalments of \$276.27 each on the 1st day of February in each year, at the Standard Bank, Harriston. Debentures delivered at said bank, Harriston. Tenderers to pay accrued interest at said rate from 1st February, 1904, till payment of money. Tenders received till 3:15 P.M. No tender necessarily accepted.

Dated at Harriston, March 15th, 1904.

L. BRISBIN,
Town Treasurer.

TENDERS Town of St Boniface

Tenders will be received at the office of the undersigned until 12 o'clock, noon, on the 4th day of April, 1904, for—
1000 lbs. of ½-inch lead pipe, weighing 8 lbs. to the yard,
22,000 lbs. of ½-inch lead pipe weighing 7 lbs. to the yard,
53,000 lbs. of pig-lead, "Cookston" or its equivalent,
700 lbs. of yarn for the laying of water mains,
25 dozen of ½-inch stop-cocks,
1 dozen of ¾-inch by ½-inch two ways,
24 dozen of ¼ inch nozzles,
1 dozen of ¾ inch nozzles.

The tender for stop-cocks, nozzles, etc., must be accompanied with drawings showing the form of the articles.

The whole to be delivered F.O.B. St. Boniface, Man., on or before the 15th day of May next.

St. Boniface, March 15th, 1904.
THRO. BERTRAND,
Secretary-Treasurer.



DEPARTMENT OF RAILWAYS AND CANALS, CANADA.

Welland Canal.

Notice to Contractors

Sealed tenders addressed to the undersigned and endorsed "Tender for Electrical Apparatus," will be received at this office up to 10 o'clock on MONDAY, THE 28TH MARCH, 1904, for the furnishing and erection of Arc Lamps, Regulators, Switchboards, and other apparatus, appliances and materials required for the Welland Canal.

Plans and specifications can be seen on and after Monday, the 14th March, at the office of the Superintending Engineer of the Welland Canal, St. Catharines, Ont., at the office of Roderick J. Parke, Esq., Consulting Electrical Engineer, 52-53 James Building, Toronto, and at the office of the Chief Engineer of the Department of Railways and Canals, Ottawa. Forms of tenders can be obtained at the places named.

The Department does not bind itself to accept the lowest or any tender.

By order,
L. K. JONES,
Secretary.

Department of Railways and Canals,
Ottawa, 12th March, 1904.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.

BUSINESS NOTES.

The J. F. Pease Furnace Company, Toronto, has been authorized to increase its capital from \$12,000 to \$200,000 for the purpose of engaging in the manufacture of plumbers' supplies.

It is reported that a strong American syndicate is negotiating for the purchase of the cement works of the Manitoba Union Mining Company, located near Miami.

CONTRACTS OPEN.

MILLGROVE, ONT.—H. Foster will build a residence.

WARWICK, ONT.—A. Rogers will erect a brick residence and shop.

ESSEX, ONT.—A site has been purchased for a new Methodist church.

BATHURST, N. B.—Henry White purposes building a large addition to his hotel.

BEAVERTON, ONT.—Plans have been prepared for dredging of the harbor here.

ARNPRIOR, ONT.—G. N. Kidd intends building another large block this season.

WOODSTOCK, ONT.—The Whitlaw Foundry Co. purpose extending their premises.

BRANTFORD, ONT.—It is likely that the proposed school will be built on Oak street.

LISTOWEL, ONT.—It is proposed to spend \$10,000 in completing the waterworks system.

KINGSLEAR, N.B.—The Roman Catholics have decided to rebuild their church at once.

RAINY RIVER, ONT.—Local capitalists purpose building an hotel here, to cost about \$50,000.

AMHERST, N.S.—J. D. Morrison, of the Bank of Commerce, intends building on Victoria street east.

CLINTON, ONT.—The Clinton Electric Light Co. will likely install additional plant this year.

WIARTON, ONT.—The Corporation is prepared to consider proposals for a system of electric lighting.

VICTORIA, B. C.—John Hepburn intends building a brick structure on Johnson street, to cost \$5,000.

CREEMORE, ONT.—Brick residences will be built for S. J. Somerville, John Boyd and Mrs. Mathers.

BEACHBURG, ONT.—Osborne Wright will receive tenders up to April 1st for erection of brick house.

FERNIE, B. C.—Plans are now being prepared by the Provincial Government for a new jail to be built here.

GEORGETOWN, ONT.—The Georgetown Floral Co. will enlarge their greenhouses, at a cost of \$3,000.

CHATHAM, ONT.—A. M. Piper, architect, is getting out plans for a brick residence for J. C. Shaw, Walleceburg.

McKAY'S POINT, N.S.—Tenders wanted by the Dominion Government by April 5th for construction of wharf here.

BERLIN, ONT.—The Methodist congregation will take immediate steps to erect a new church to cost about \$25,000.

BEAVERTON, ONT.—Local capitalists have had plans prepared for a new summer hotel to be built here, to cost \$20,000.

HAMIOTA, MAN.—Joseph Andrew will receive bids up to April 23rd for purchase of \$20,000 municipal debentures.

EAST TORONTO, ONT.—Plans for a permanent bridge on Main street will be submitted at an early meeting of the Council.

NEWMARKET, ONT.—The Office Specialty Co. have had plans prepared for a new four storey building to be built this summer.

BUCKINGHAM, QUE.—It is stated that a hospital will shortly be built on Denis street on a site donated by Rev. Canon Nichols.

FORT WILLIAM, ONT.—J. C. Stinson wants tenders by 31st inst. for erection of a three storey business block for James Murphy.

RENFREW, ONT.—J. K. Rochester, Town Clerk, desires bids by April 6th for purchase of \$8,208.01 4 per cent. local improvement debentures.

ST. MARYS, ONT.—L. Harstone, Town Clerk, will receive tenders up to 28th inst. for purchase of \$28,500 twenty year 4 per cent. debentures.

PALMERSTON, ONT.—E. M. Miers and William Lynch have made a proposition to the Town Council to establish a carriage factory here.

HARRISTON, ONT.—Tenders received by L. Brisbin, Town Treasurer, up to 31st inst. for \$4,500 High School debentures, 4½ per cent. interest.

TROWBRIDGE, ONT.—The Methodist congregation intend building a brick parsonage, from plans by W. E. Binning, architect, of Listowel.

WINDSOR, ONT.—The trustees of the Windsor Avenue Methodist church, at a meeting on 17th inst., decided to build the new edifice on Ouellette avenue.

TILBURY, ONT.—The hotel to be built here by Belcher & Ballard, for which Wilson & Son, of Chatham, are preparing plans, will cost about \$12,000.

STURGEON FALLS, ONT.—A new building will be erected for The Advertiser Office.—H. Cockburn and Thos. Fournier have plans out for new residences.

TILSONBURG, ONT.—G. G. Coomber has purchased a brick block on corner of Broadway and Baldwin streets, which he will remodel, adding a new plate glass front.

PORT ARTHUR, ONT.—The Electric Railway and Light Commissioners have recommended the installation of a storage battery plant in the power house.

MISCOU, N.B.—The Dominion Government want tenders by 31st inst. for construction of a large wharf here. Cheque for \$1,800 to accompany each tender.

NEW GLASGOW, N.S.—Bids received by James Roy, Town Clerk, up to 24th inst. for \$40,000 waterworks debentures and \$20,000 consolidated debt debentures.

QUEBEC, QUE.—The Dominion Government desires tenders by 25th inst. for installing a steam heating system in the iron foundry of the Dominion Arsenal in this city.

WINGHAM, ONT.—A by-law to grant a loan of \$10,000 to Walker & Clegg to assist them in extending their furniture factory, will be submitted to the ratepayers April 5th.

NEWCASTLE, N.B.—The ratepayers voted unanimously in favor of granting assistance to the proposed furniture factory to be established by O. G. Anderson and associates.

GRAND FORKS, B. C.—The Kettle Valley Railway Co. are having surveys made of the proposed north fork branch from this city to Franklin Camp, fifty miles up the Kettle river.

NORTH BAY, ONT.—Thomson & Angus, architects, are preparing plans for a three-storey business block for H. M. Legault, of Sturgeon Falls. They are also making plans for a six-room Separate school and two residences in same town.

GLACE BAY, N. S.—D. A. Keith wants tenders by 31st inst. for erection of frame church for Knox Presbyterian congregation.—The Town Clerk has been authorized to dispose of \$50,000 4½ per cent. debentures.

ST. JOHNS, N.F.L.D.—The appropriation for waterworks purposes has been granted, and John Galt, of Toronto, the consulting engineer, is now complet-

WIRE ROPE

Everything in Wire Rope for Derricks, Elevators, Guys, Transmission, Mine Haulage, Cableways, etc.

Complete Stock Carried in Montreal for Immediate Shipment
Quality and Prices Right

W. H. C. Mussen & Co.

RAILWAY, MINING, AND CONTRACTORS' SUPPLIES

763-765 Craig Street

MONTREAL

Portland Cements

Highest Grade

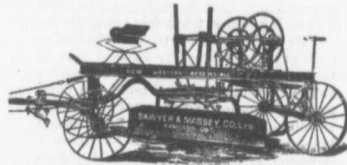
Canadian, German, English and Belgian

DRAIN PIPES and Connections of all kinds.
PAVING BRICKS, ENAMELLED BRICKS,
FIRE BRICKS, FIRE CLAY, Etc., Etc.

F. HYDE & CO.,

31 Wellington Street

MONTREAL



The Steel 'Western Reversible'

in addition to being
THE BEST GRADER MADE
is also an
EXCELLENT SNOW PLOW

Write for particulars of this and other
lines of

HIGH-GRADE ROAD-MAKING
MACHINERY

Sawyer & Massey Co., Limited
Hamilton, Canada

PORTLAND CEMENT

SEWER PIPES

FIRE BRICKS

FIRE CLAY

ALEX. BREMNER

50 Bleury Street, MONTREAL



MOUNTED
ON
TRUCKS
OR
SKIDS

WITH AND
WITHOUT
POWER

MECHANICALLY
PERFECT

THE RANSOME MIXER

Gives the Best Results

Send for Circular R.

JAMES COOPER

MONTREAL

WORKS
QUICKLY
MIXES
THOROUGHLY

NO PARTS
TO GET
OUT OF ORDER

SIMPLE
OPERATION

ing the plans and expects to make a start in May. It is proposed to construct the work by day labor.

HANOVER, ONT. — The Knechtel Furniture Co. will build a factory addition 107x52 feet, three storeys and basement. — A Y. M. C. A. building and a new Presbyterian church may also be built this year.

DELORIMIER, QUE. — Mr. LaBerge, C.E., has submitted to the Town Council a report on the cost of installing a system of artesian wells and an electric pump for fire protection. The estimated cost is \$15,000.

PETERBORO, ONT. — Col. Buchan, of Ottawa, was in town last week for the purpose of selecting a site for proposed drill hall. — The management of St. Paul's church are considering the remodelling of the edifice.

CALGARY, N.W.T. — The plans of Wilson & Wettenhall, architects, have been accepted for alterations and improvements to Knox church. — The Calgary Water Power Co. will erect a new fire-proof building this year.

DIPPER HARBOR, N.B. — Tenders close April 5th for construction of a breakwater here. Plans at offices of the Postmaster; E. T. P. Shewen, St. John; C. E. W. Dodwell, Halifax, and at Department of Public Works, Ottawa.

OTTAWA, ONT. — The Dominion Department of Public Works will receive tenders up to April 8th for construction of breakwater at Tencapac, Hants County, N.S., and up to April 18th for construction of wharf at Cumberland; Russell County, Ont.

FREDERICTON, N.B. — The People's Light & Power Co. have authorized the directors to proceed with the installation of the necessary plant. The president is T. C. Allen, K.C. — The Scott Lumber Co. will erect a new shingle mill this spring.

STRATFORD, ONT. — It is understood that the Stratford Improvement Co. intend erecting thirty houses. — Orr & Russell, architects, have completed plans for new Queen's Hotel and tenders will be invited immediately; steam heating, electric and gas lighting.

DRYDEN, ONT. — The Dryden Board Mills Co., in which T. A. G. Gordon and C. B. Gordon are interested, have obtained a pulp concession from the Ontario Government in consideration of which they agree to expend \$200,000 in the erection of pulp and paper mills at this place.

23, 1904

Lochester, ril 6th for ent. local

Harstone, ers up to 20 twenty

- E. M. re made a uncil to

enders re- Treasurer, 7b School st.

The Meth- uilding # a by W. E.

rustees of st church, decided to te avenue.

otel to be illard, for atham, are t \$12,000.

F. — A new he Adver- nd Thos. new resid-

G. Coom- on corner ets, which plate glass

. — The mission- allation of the power

inion Gov- t inst. for sarf here. pany each

- Bids re- lerk, up to works de- dated deb

Dominion 7 25th inst. system in Arsenal

by-law to er & Clegg ir furniture o the rate-

ratepayers f granting furniture .G. Ander-

The Kettle ing surveys rk branch amp, fifty

homson & aring plans ck for H. alls. They a six-room sidences in

. A. Keith erection of rterian con- has been 100 4 1/2 per

The appro- poses has of Toronto, w complet-

ANSE AUX GASCONS, QUE.—Tenders are invited by the Dominion Government up to April 5th for construction of extension to breakwater here. Plans on application to the Postmaster and at the office of the Clerk of Dominion Public Works, Quebec.

SYDNEY, N.S.—The people of Isle Mendane are asking the local government for a grant of \$25,000 towards building a bridge across Lennox Passage; estimated cost, \$50,000.—The Dominion Steel Co. have practically decided to erect a steel rail mill.

GUELPH, ONT.—Architects are requested to submit plans by March 31st for a four-room addition to the Collegiate Institute. Particulars from Wm. Guy, Chairman Stes and Buildings Committee.—The Guelph Foundry Co. will erect a new building on Nelson Crescent.

SARNIA, ONT.—R. W. Fawcett, architect, will receive tenders up to April 5th for construction of a new Registry office in this town.—The St. Clair Tunnel Co. have again had engineers on the ground making estimates on the cost of installing a system of electric power for operating the trains through the tunnel.

NIAGARA FALLS, ONT.—Tenders for erecting a monument at Fort Erie will be received by James Wilson, Superintendent Queen Victoria Niagara Falls Park, up to April 5th.—The plans for the proposed Clifton House at Front and Perry streets show a structure 300 feet x 300 feet, with large central tower.

NELSON, B.C.—C. Fernau, consulting engineer, of Newcastle-on-Tyne, is looking for sites in the Kootenay district for zinc-reduction and lead-reduction plants. It is probable that a zinc-reduction plant will be located at Roseberry, on Lake Slocan, and zinc smelter at Fernie or Frank.

PORTAGE LA PRAIRIE, MAN.—F. A. Whitaker, Secretary of the Corporation, will receive tenders up to April 1st for supply of 300 to 500 barrels of Portland cement for granolithic walks.—The Minister of Public Works at Winnipeg will receive tenders up to 25th inst. for addition to the Home for Incurables here.

BRUCE MINES, ONT.—American capitalists have organized the Aberdeen Development Co., to carry on mining operations along the line of the Bruce Mines and Algoma Railway, and have arranged for the immediate construction of dockage and railway terminals. Captain T. H. Trettheway, of Goderich, has been engaged as superintendent.

HAMILTON, ONT.—A. W. Peene, architect, has prepared plans for the Turbine Steamship Co.'s passenger depot and freight sheds at the foot of John street.—The D. Moore Co. and Eagle Knitting Co. are planning to extend their factories this spring.—The Sewerage Committee threw out the two tenders received for supply of sewer pipe, which

were the same and higher than last year's figures.—Tenders for metal sheet work and roofing of new buildings for the Canadian Westinghouse Company will be received by Westinghouse, Church, Kerr & Co. up to 26th inst.

REGINA, N.W.T.—The Waterloo Manufacturing Co., manufacturers of engines and threshers, Waterloo, Ont., have decided to build a warehouse here 100x50 feet.—Tenders are asked by J. K. Hunter, Corporation Secretary, up to 30th inst. for erection of a brick, stone and concrete power house building and for furnishing material and labor for construction of concrete and earth reservoir dams.

ST. JOHN, N.B.—H. H. Mott, architect, is preparing plans for the new building for Emerson & Fisher on Germain street.—The wharf, coalpockets and other works to be built here by the Dominion Coal Co. this year will cost upwards of \$100,000.—G. E. Fairweather, architect, will this week complete the plans for the new Y.M.C.A. Building, and it is hoped to commence the work of construction at an early date.—The directors of the Maritime Nail Works have decided to rebuild.

TORONTO JUNCTION, ONT.—Irving Woods purposes erecting billiard and pool parlors on Dundas street, of brick, with modern interior fittings.—T. Wright is about to build a residence on Clendennan avenue.—The Canada Cycle & Motor Co. will erect a large brick building this spring.—W. P. Hartney purposes erecting three houses on King Street.—John Patterson will build a store opposite the town hall on Peel street.—William Harris, Secretary Public School Board, wants tenders by 25th inst. for school repairs.

VANCOUVER, B.C.—W. Blackmore & Son, architects, are preparing plans for important alterations to the Hotel Leland.—McLean Bros. have just completed the surveys of their Coast-Kootenay railway between Vancouver, New Westminster, and Chilliwack.—The Vancouver Yacht Club have decided to build a new club house 30x60 feet, two stories.—Parr & Fee, architects, are reported to have purchased property on west side of Granville street, south of Dunsmuir street, on which they will build.—A company is being formed to establish public swimming baths. Plans of the proposed building are in the hands of Reilly & Arnold.—It is reported that B. B. Johnston, Howe & Co. will erect a fine building immediately north of their present block, corner Georgia and Granville streets.—Walter Walsh intends erecting a building on Granville street.

MONTREAL, QUE.—The Building Inspector has issued 102 building permits this year to date, which is an increase as compared with last year. If labor conditions continue favorable an active building season is expected.—The trustees of the East End Methodist church are looking for a site on which to build a new edifice.—The Church of the

Ascension, Outremont, have appointed a committee to select a site for a new church, which is expected to cost about \$15,000.—The Sisters of the Congregation have purchased a large tract of land near the Arena and baseball grounds on St. Catherine street on which they will erect a large convent.—Building permits have been granted as follows: A. Belanger, 3 storey house,

THE CANADIAN INSPECTION COMPANY, LIMITED

Main Office and Laboratories: 146 St. James Street, MONTREAL
SPECIALTIES: INSPECTION OF RAILS and all material for BRIDGES, BUILDINGS, and other structures, cast iron pipe, wood and steel railroad cars.
MANUFACTURE AND ERECTION.
Expert examination and reports, chemical analyses and physical tests of all kinds.
Cement Testing.

THE GREY AND BRUCE PORTLAND CEMENT COMPANY
of Shallow Lake, Limited.

Manufacturers of BRAND OF "HERCULES" PORTLAND CEMENT

Very finely ground. Unsurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices address, A. D. CREASOR, Sec'y-Treas. Head Office, Owen Sound, Ont.

THE PORTABLE GRAVITY CONCRETE MIXER

Weight about 500 lbs.
High Grade Concrete at very low cost for labor.
Portable.
Large capacity.
Extremely Simple.
No power used.
No Skilled Labor.
Continuous in action.



Send for Catalogues.

Other Mixers and Concrete Mixing Machinery
E. F. Dartnell
Montreal

PORTLAND CEMENT, HYDRAULIC LIME, CHINA CLAY
E. FREEMAN, 20 Bucklersbury, LONDON, ENG.

Sole Agent for U.K. and Colonies for Oldest Continental Works

Supplying to Contracts on the Principal Railways, Large Sewage and Sea Defence Works, etc.. in England. Will be Pleased to Quote to the Wholesale Trade Only.

CORRESPONDENCE INVITED FOR CONTROL OF BRANDS



Centre Patrick street, 2 storey Thos. C. voix street WIN Trade h ion g propriet ings.—J week ta store ar for D. l Council plans a temple work by city: S \$3,645; street a Burrow paveme Bridge street, to Hon Prairie W. A. TOR Scale C Wharf and pu The G ported proper to exte recent corner avenue six or stone ing an dam t poratic seen at ing en mits h Thom; brickd cost \$ storey road, r S I I C P co

Centre and Ropery streets, cost \$3,000; Patrick Dunn, 3 storey house, Aylwin street, cost \$2,500; Mrs. V. Moranville, 2 storey house, Gain street, cost \$2,500; Thos. Quintal, 2 storey house, Charlevoix street, cost \$4,500.

WINNIPEG, MAN.—The Board of Trade has recommended to the Dominion government the Grace Church property as a site for new federal buildings.—J. H. G. Russell, architect, is this week taking tenders on a brick and stone store and office building on Main street for D. F. Allman.—The Trades & Labor Council will at the next meeting submit plans and estimates of cost of a labor temple and will recommend that the work be proceeded with.—The following works are about to be undertaken by the city: Sewer on Aikins street, cost \$3,645; on William avenue, Tecumseh street and Elgin avenue, cost \$1,097; on Burrows avenue, cost \$1,095; asphalt pavement on Wellington Crescent and Bridge street, cost \$48,500; on Royal street, cost \$3,011.—Plans for addition to Home for Incurables at Portage la Prairie are on view at office of S. F. & W. A. Peters, architects, this city.

TORONTO, ONT.—The Wilson Scale Co. have purchased the Adamson Wharf property at foot of Jarvis street and purpose enlarging their premises.—The Gutta Percha & Rubber Co. are reported to have purchased a block of property on O'Hara avenue with a view to extending their works.—B. Allen, who recently purchased 228 feet of land at corner of Yonge street and Rochampton avenue, North Toronto, proposes to erect six or seven houses.—Plans of brick, stone and concrete power house building and concrete and earth reservoir dam to be constructed by the Corporation of Regina, N. W. T., may be seen at the office of John Galt, consulting engineer, this city.—Building permits have been granted as follows: W. H. Thompson, pair two and one-half storey brick dwellings, 36-38 McPherson avenue, cost \$5,000; Thos. Fussell, pair two-storey brick dwellings, Poplar Plains road, near Cottingham street, cost \$3,600;

Wm. Moss, four two-storey and attic brick dwellings, 267 and 273 Arthur street, cost \$8,000; J. W. Jupp, two-storey brick dwelling, 507 Broadview avenue, cost \$2,500; L. C. Sheppard, five three-storey stores and dwellings, also three attached, one-storey stores, corner Lippincott and College streets, cost \$10,000; Geo. Phillips, pair two and one-half storey brick dwellings, 528 and 530 Huron street, cost \$6,000; Wm. Davies Co., one-storey brick store, corner Broadview and Gerrard streets, cost \$3,500; J. Poucher, three pairs brick-fronted and roughcast dwellings, corner Gerrard street and Howland road, cost \$7,500; H. M. Death, pair two and one-half storey stone and brick dwellings, Hepburne and Concord streets, cost \$3,500; J. B. LeRoy & Co., pair two-storey roughcast dwellings, brick foundations,

Bolton avenue, near First avenue, cost \$2,000; Thos. McIlwain, pair two-storey and attic stone and brick dwellings, 139 and 141 Dawling avenue, cost \$8,500; W. J. Fielding, one and one-half storey brick addition to residence, 79 William street, cost \$1,000; Toronto Hotel Co., elevator shaft and brick and steel area, Colborne street, near Victoria street, cost \$10,000; Dr. W. A. Young, one storey brick addition to dwelling, 145 Collexe street, cost \$2,000; William Apps, pair

Water Washed Sand

Is as cheap as pit sand and gives 50 per cent. stronger concrete or mortar.

The City of Toronto have contracted for all the sand they use for 1904 with this Company since using it in 1903. Stock always on hand. Try it

SAND & DREDGING, Limited
Tel. M. 4597 John Street Dock, TORONTO

WARREN'S PATENT "BITULITHIC" PAVEMENT
IS THE 20TH CENTURY PAVEMENT FOR CITIES

Has been laid in Montreal, Chatham, London and Glace Bay. It is clean, sanitary, and gives an excellent foothold for horses. Write for particulars and estimates to

THE WARREN BITUMINOUS PAVING CO., LIMITED
Head Office: 164 Bay Street, TORONTO, ONT.

IRON CLAD CEMENT . . . MANUFACTURED AT . . .
GLENS FALLS, N.Y., U.S.A.

Highest Grade Artificial Portland Cement. Most Finely Ground and Strongest. HAS TEN YEARS RECORD.

Sold by Canadian Dealers, Montreal, Ottawa

W. A. COOK, Representative for Canada, Street Railway Chambers, MONTREAL

THE PHOENIX BRIDGE & IRON WORKS, LIMITED
— MONTREAL

GENERAL STEEL CONTRACTORS

Large Stock I BEAMS, CHANNELS, ANGLES, TEES, ZEES and PLATES always on hand.

THE LAKEFIELD PORTLAND CEMENT CO., LIMITED

Manufacturers and Sales Agents of

MONARCH BRAND PORTLAND CEMENT

One grade only—Straight Portland. Unexcelled for Strength, Color and Uniformity.

The Recognized Standard Canadian Brand

Used by the Dominion Government, large Corporations, and leading Contractors throughout Canada.

'Phone, wire or write for prices to

THE LAKEFIELD PORTLAND CEMENT CO. Limited, - Lakefield, Ont.
Long distance 'phone No. 29.



You Are Offended

If your friend won't go on your Bond. Be independent. Write to

The United States Fidelity & Guaranty Co.

They make a specialty of Contract and Municipal Officers' Bonds.

KIRKPATRICK & KENNARD, Mgrs. for Canada.
6 COLBORNE STREET, - TORONTO, ONT.

PORTLAND CEMENT

T. M. Morgan

Manufactures the

CRESCENT AND DIAMOND BRANDS

AS GOOD AS THE BEST FOR ANY PURPOSE

Office and Works: Longue Point, MONTREAL, QUE.

Long Distance Phone R. 436 Ring 2.



Surveying and Drawing Instruments

Best English Quality

Manufactured by

A. G. Thornton

Manchester, Eng.

Surveyors' and Engineers' Supplies

Write Us For Catalogue and Prices

The **C. H. MORTIMER PUBLISHING CO.**

of Toronto, Limited

AGENTS FOR CANADA

Confederation Life Bldg., TORONTO
Imperial Building, MONTREAL

rinted a
t a new
t about
Congre-
tract of
baseball
n which
vent.—
nted as
house,

CTION
D

ITREAL
and all
S, and
wood

ION.
chemical
kinds.

IRTLAND

OF
CEMENT

l for Sid-
airing the
For prices

reas.
ound, Ont.

ITY
R

about 500

ade Con-
very low
bor.

capacity.
mely Sim-

ower used.
skilled La-

Continu-
ous in
action.

concrete
ry
tnell

CLAY



s, etc., in

two-storey brick dwellings, west side Albany avenue, near Wells street, cost \$5,500; J. O. Stewart, three two-storey brick cased dwellings, Birch avenue, near Yonge street, cost \$4,000; Kenneth Cross & Co., pair two-storey brick and stone dwellings, 231 and 233 Howland avenue, cost \$3,000.

CONTRACTS AWARDED.

CHATHAM, ONT. — Residence for T. H. Cade: Blonde Co., contractors.

CLINTON, ONT. — New school in Goderich Township: S. S. Cooper, this town, contractor.

SMITH'S FALLS, ONT. — Reconstruction of Eimsley Hall for a general hospital: M. Healy, contractor, \$6,200.

SAULT STE. MARIE, ONT. — Extension to dock for Dominion Government: J. Battle, Thorold, successful tenderer, \$100,000.

VICTORIA, B. C. — Extensive alterations to D. E. Campbell's drug store: Hooper & Watkins, architects; George Snider, contractor.

ST. THOMAS, ONT. — Two-storey brick houses for Joseph A. Kilpatrick: Masonry, Joseph Horton; carpentry, Balsdon & Blewett.

SEAFORTH, ONT. — Remodeling Presbyterian church: F. Gutteridge, contractor, \$9,000, exclusive of seating, heating and leaded glass.

HAMPTON, N. B. — Alterations to court house: William Langstroth, this place, contractor, \$1,935. McKean & Dunn, St. John, architects.

ORILLIA, ONT. — Residence for Mr. Bartlett: Brick work, E. Webb; carpentry, W. L. Bennett; painting and glazing, F. Toogood; cost upwards of \$7,000.

WINDSOR, ONT. — The Cadwell Silex Stone Co. have been awarded the contract for laying granolithic walks throughout the city, at 10½ cents per square foot.

CARLETON PLACE, ONT. — Lanark County Council have purchased a full equipment of road-making machinery.
(Continued on page 10.)

DEBENTURES

Municipalities contemplating the issue of Debentures will find it to their advantage to communicate with

G. A. STIMSON & CO.

Investment Dealers

24 and 26 King St. W. TORONTO

Speight & Van Nostrand

LAND SURVEYORS, ETC.

Room 405 Temple Building, TORONTO, CAN.
Field Notes of the late F. P. Passmore.

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.

McGREGOR & McINTYRE, LIMITED

67 to 91 Pearl Street, Toronto, Ont.

STRUCTURAL IRON WORKS

Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc Etc.

WRITE FOR ESTIMATES.

Dominion Bridge Co., Ltd.

P. O. Address, MONTREAL.
Works at LACHINE LOCKS, P. Q.

STEEL BRIDGES

For Railways and Highways
Piers, Trestles, Water Towers
Tanks, Buildings, Roofs, Girders,
Beams and Columns

Toronto Agent: GEO. E. EVANS,
38 Canada Life Bldg., TORONTO, ONT

THE Canadian Casualty and Boiler Insurance Co.

Head Office: N. E. Cor. Adelaide and Victoria Streets, TORONTO.

The Steam Boilers of Civic and Municipal Steam Plants, and Corporation and Public Works, Power and Electric Light Plants regularly inspected.

A STEAM BOILER POLICY

in the Canadian Casualty and Boiler Insurance Company, includes the services of Consulting Engineers free of cost. Write for book to Steam Users.

ALEXANDER SUTHERLAND, D.D., President.
H. N. BATE W. S. DINNICK, Vice-Presidents.

A. G. C. DINNICK, Managing Director
A. M. WICKERS, Chief Engineer

R. F. WENTZ ENGINEERING CO.

Consulting Engineers and Cement Work Specialists

Designing Cement Plants. Specifications and Estimates.
Superintendence of Construction.

Inspection and Reports of Cement Material and Properties.
Analysis and Tests of Raw Material and Cement.

Designed and constructed 24 CEMENT PLANTS in United States and Canada.
20 YEARS PRACTICAL EXPERIENCE designing, constructing and operating cement works.

CEMENT PROPERTIES FOR SALE.

For further information address—**ROBERT F. WENTZ, M.W.S.E. Pres't**

OFFICES: 12-15 Babb's Block. NAZARETH, PA., U.S.A.
509-510 Manning Chambers, TORONTO, ONT., CAN.

The Hamilton Bridge Works Company, Limited

HAMILTON, CANADA



GENERAL STEEL
CONTRACTORS

HIGHWAY
BRIDGES
A SPECIALTY

Large Stock I BEAMS, CHANNELS,
ANGLES and PLATES always on hand

The Han

Ma
"SAUCE"

Pa

Granite Se
to any st
Build
Quarri

A

JOS. B

TUNNE

Ste

Works:

H

Roofs,
Irc

ARTIFI

SI

CORPOR

The SI

WALTER

General J

Road

C

C

C

C

Steam

T.

9 Mr c

M.

Dred

of va

Subt

Hoisti

Horse

Centri

Gold

Plant.

Pat

Bea

It 8'

claton.

less ge

reason

Established 1898.

The Hanover Portland Cement Co., Ltd
Hanover, Ontario.

Manufacturers of the Celebrated
"SAUGEEN" Brand of PORTLAND CEMENT
Prices on application.

Paving Granite

Granite Sets for Street Paving — CURBING cut to any shape ordered. — Fine Rich Colors for Building and Monumental Purposes.
Quarries, St. Philippe d'Argenteuil, P.Q.

Address: all communications to

JOS. BRUNET - COTE DES NEIGES, MONTREAL

TUNNEL CITY BRIDGE & IRON WORKS

Steel Bridges and Structural Work.
Works: Port Huron, Mich., and Sarnia, Ont

HIGHWAY BRIDGES

Roofs, Steel Buildings and Structural Iron Work of all Descriptions.

ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY
Will do well to consider our work and prices before letting contracts
The Silica Baritic Stone Company of Ontario, Limited.

WALTER MILLS General Manager. Head Office: INGERSOLL, ONT.

Road Machinery
Fire Appliances
Contractor's Plant
Stone Crushers, all sizes
Steam Road Rollers
Road Graders
Steam and Gasoline Fire Engines, Etc.

T. A. MORRISON & CO.
9 Mechanics' Bldg. MONTREAL

M. BEATTY & SONS
WELLAND, ONT.

Dredges, Ditchers, Derricks and Steam Shovels
of various styles and sizes to suit any work.

Submarine Rock Drilling Machinery, Hoisting Engines, Suspension Cableways, Horse-Power Hoisters, Gang Stone Saws, Centrifugal Pumps for Water, Sand and Gold Mining, and other Contractors' Plant.

PORTLAND CEMENT

SAMSON BRAND MAGNET BRAND

MANUFACTURED BY

THE OWEN SOUND PORTLAND CEMENT COMPANY, Limited, Owen Sound, Ont.
Works at SHALLOW LAKE, ONT. Write us for prices.

THE CANADIAN PORTLAND CEMENT COMPANY, LIMITED

Manufacture "RATHBUN'S STAR" Brand

The Leading Canadian Portland Cement.

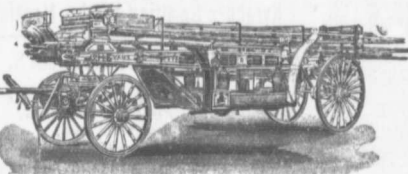
Capacity of Works: 500,000 Barrels Per Year.

SALES AGENTS

The RATHBUN CO. St. Lawrence Portland Cement Co.
310-313 Front Street West, TORONTO, ONT. 202-203 Board of Trade Building, MONTREAL.

LIGHTNESS, STRENGTH AND ECONOMY

Seagrave Patent Trussed Ladders, Trussed Aerial, City Service and Village Hook and Ladder Trucks, Combination Hook and Ladder Trucks and Chemical



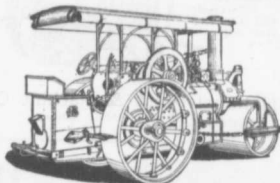
Engines, Trussed Trucks and Chemical Engines, Hand Pumps, Combination Hose Wagons and Chemical Engines, Hose Wagons, Combination Hook and Ladder Trucks and Hose Wagons, Chemical Engines, Fire Extinguishers, Hose Reels, Patrol Wagons, Ambulances, Specialty Wagons, Patent Sleigh Runners, and other Modern Fire Fighting Tools.

Prompt attention given all inquiries. All goods built to order.

Long Distance Phones 686 and 684 **W. E. SEAGRAVE, WALKERVILLE ONT.**

"WATEROUS"

ROAD MACHINERY AND FIRE APPARATUS



FIRE ENGINES in five sizes, with a full line of fire-fighting goods

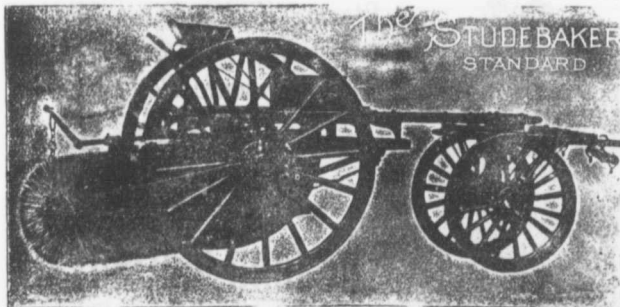
We Rebuild other makes of Fire Engines with our patent Boiler

BRANTFORD PITTS DOUBLE ENGINE STEAM ROAD ROLLER

IN THREE SIZES—10, 12 and 15 ton.

KORRESPONDENCE SOLICITED

HUGH CAMERON & CO., Selling Agents, 72 Queen St. West, Manning Chambers, TORONTO



Studebaker Sprinkler

(PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray Can be graded from driver's seat to any volume.

We also make an . . .

IMPROVED VERTICAL SPRAY

for Pavements.

Geo. Heaman, Mnfr., London, Ont.

Stackpole Patent Improved Street Sweeping Machine

is the Standard of Perfection

Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue

LTD.

G

IRVILLE, ONT.

LITED

Cells, Iron

OCES

Highways
Towers
Girders,

ONTARIO, ONT

and
Co.

IONTO.

tion
ted.

the
vers.

Managing Director
f Engineer

G CO.

cialists

Estimates.

es.

and Canada.
and operating

S.E. PREST
PA., U.S.A.
NT., CAN.

Limited

TEEL
ACTORS

SES
CIALTY

S, CHANNELS,
always on hand

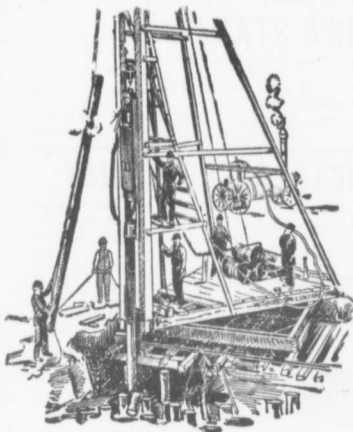
The Canadian Bridge Co., Limited

WALKERVILLE, ONT.

MANUFACTURERS OF

RAILWAY AND HIGHWAY BRIDGES

Locomotive Turn Tables.
Roofs, Steel Buildings and
Structural Iron Work of all descriptions



PILE DRIVING

on land or water by Steam Pile Drivers or Drop Hammers.

Portable Boilers
Hoisting Engines
Pumping Machinery

TO LET

Bridge Building, Trestle Work, Wharves,
Dams, Diving Submarine Work and
General Contracting.

WM. HOOD & SON
10 Richmond Sq. - MONTREAL

THE DELANO-OSBORN ENGINEERING CO., LIMITED

MANNING CHAMBERS TORONTO

CONSULTING, CIVIL, MECHANICAL AND
ELECTRICAL ENGINEERS.

MANGANESE

Anti-Friction Metal

*The Rabbit Metal that
has become famous*

Syracuse Smelting Works, Montreal

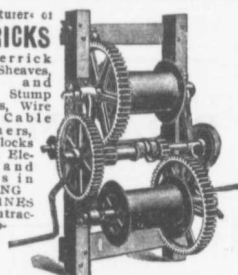
Notice to Contractors.

The Niagara Falls Machine &
Foundry Co., Limited,
Niagara Falls, Ont.,

are making a specialty of Improved
HOISTING AND BUILDING ENGINES.
Write for Prices.

Manufacturers of
LERRICKS

and Derrick
Irons, Sheaves,
Hooks and
Chains, Stump
Pullers, Wire
and Cable
Stretchers,
Tackle Blocks,
Material Elev-
ators, and
Dealers in
HOISTING
ENGINES
and Con-
tractors' sup-
plies.



National Hoist & Machine Co.
463 West 22nd Street, Chicago



PILE DRIVING and Foundation Work.

By 5-ton Automatic Steam Pile Hammer,
Water Jet or Drop Hammers, Dock Build-
ing, Submarine Work and Dredging.

BUILDING MOVER AND WRECKER
General Contracting.

JNO. E. RUSSELL, - Toronto
906 Queen St. E. - Phone M. 2007.

Pumps for Waterworks

Waterworks Systems
Installed

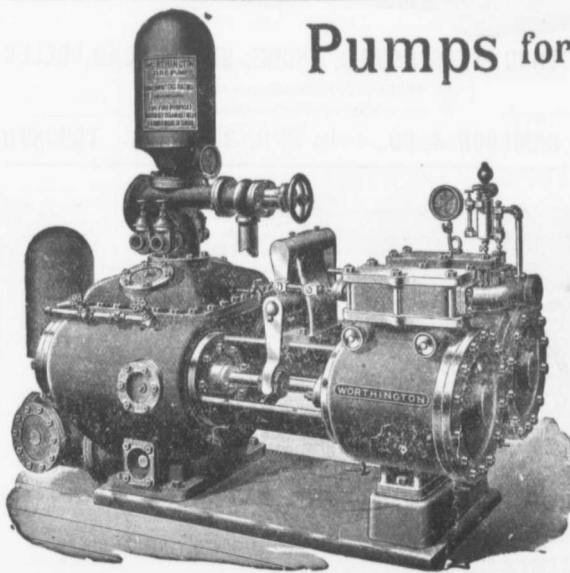
Steam, Hydraulic, Electric,
Gasoline, Air Lift and
Automatic Rams.

Steam Boilers and
Filters

Write for Prices and Particulars

The John McDougall

GALEDONIAN IRON WORKS CO., LIMITED
MONTREAL, P.Q.



WILLIS

Hon. Gr.
M. Can. Soc. C.
Me.
WATERWORKS
WORKS,
PO
Reports, Survey
103 BAY S

R. E. SP

A. M.

CONSULT

Waterworks, S
Municipal Im
Granolithic Pi
Electric Light
Drainage and
Coal Handlin
Plans, Specif
Construction
Canada Life

Roder

Am. Can. Soc

CONSUI

Hydraulic Powe
Power Transm
Lighting,
51-53 James Buil
King and Yong
Telephones
Telegraph
W. U. Co

Wm. H.

M. AM. So

CONSULTIN

Foundat

JAMES

M

Civil

Examiniat

Supervisio

Powers,
P. O. Box
877 Dorch

ROS

Consul

Su

Water

Plants

Batim

80 ST. FR

RAIL

LOCO

(Opposit

FIRE

LA

We

strong

and V

them.

price

for ci

THR. W

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

Roderick J. Parke

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

CONSULTING ENGINEER

Hydraulic Power Development. Long Distance
Power Transmission. Steam Plants, Electric
Lighting and Power Systems. Tests.
Valuations. Reports.

51-53 James Building, Cor. - TORONTO, CANADA

King and Yonge Streets
Telephones: Office—Long Distance Main 3047
Residence—Long Distance North 2204
Telegraphic address: "Rodparke."
W. U. Code, Univ. Edition.

Wm. P. Breithaupt G. E.

M. AM. SOC. C.E., M. CAN. SOC. C.E.

CONSULTING STRUCTURAL ENGINEER

Foundations, Bridges, Buildings.

BERLIN, ONT.

JAMES C. KENNEDY,

MEM. CAN. SOC. C. E.

Civil and Hydraulic Engineer

Examinations, Reports, Plans, Estimates,
Supervision of Construction of Water
Powers, Waterworks, Sewerage, etc.

P. O. Box 131, HAWKESBURY, ONT., and
877 Dorchester Street, MONTREAL, QUE.

ROSS & HOLGATE

Consulting and

Supervising Engineers

Waterworks, Electric Light and Power
Plants, Structural Work, Reports,
Estimates, Arbitrations.

80 ST. FRANCOIS XAVIER ST. - MONTREAL

RAILS For Contractors, Switches, Gir-
ders, &c.
New and Second Hand

LOCOMOTIVES AND CARS

John J. Gartshore

83 Front St. West,

(Opposite Queen's Hotel.) TORONTO.

FIREMEN'S LADDERS

—AND—

LADDER TRUCKS

We make the lightest, quickest,
strongest and cheapest. Every Town
and Village needs them and can afford
them. They will save 50 times their
price in insurance premiums. Write
for circulars and quotations.

THE WAGGONER LADDER CO., Limited

LONDON - ONT.

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.

CONSULTING ENGINEER

Estimates, Plans and Supervision of Hydraulic
and Steam-Electric Light, Power and Railroad
Plants. Specifications, Reports, Switchboard
Designs, Complete Factory Installations, Etc.
Long Distance Telephone Main 32-6.
Cable Address: Brandeis-Montreal.

W. U. Code, Univ. Edition.
Liverpool & London & Globe Building.

MONTREAL

"IMPERIAL BRAND" PORTLAND CEMENT

You will surely admit that the best is none too good, and if you are
requiring Cement give "IMPERIAL BRAND" a trial. We guarantee
our product and can ship a quantity at once. Write for prices, etc., to

The Imperial Cement Company, Limited
OWEN SOUND, ONT.

THE CANADIAN SEWER PIPE CO.

MANUFACTURERS OF



FOR

Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

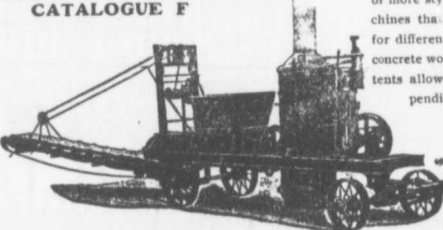
ST. JOHNS, P.Q. HAMILTON, ONT. TORONTO, ONT.

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
55,664
672,934
675,035
675,036
675,037
698,182
698,910
699,667
699,668
701,312



Also
Mortar and
Asphalt Mixers

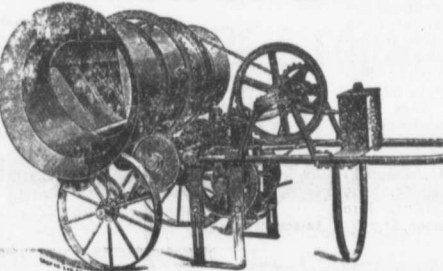
DRAKE STANDARD MACHINE WORKS

Factory, 79-11-13 Garden Street, Chicago.
Office and Salesroom, 208-300-302 W. Jackson Bldg.
Chicago, Ill., U. S. A.
Eastern Agent, Walter S. King, 27 St. John's Place, Brooklyn, N. Y.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

THE MCKELVEY CONCRETE MIXERS

MANUFACTURED BY **W. A. MCKELVEY,** McKinnon Building, TORONTO.



These machines
are made to mix
either continu-
ously or in
batches, and can
be operated
either by Hand,
Steam or Gas-
oline Power.

nited
IDGES

LIVING
on Work
sam Pile Hammer,
mers, Dock Build-
id Dredging.
AND WRECKER
racting.
- Toronto
hone M. 2007.

orks
stems

Electric,
t and
78.

s and

ougall
LIMITED
TREAL, P.Q.

chinery from the Sawyer-Massey Co., Hamilton.

NEWCASTLE, N.B.—Equipment for electric light plant: Generator, etc., Canadian General Electric Co., Toronto, \$4,535; engine, Goldie & McCulloch Co., Galt, \$2,025.

STRATFORD, ONT.—City supplies: Cement, D. L. Myers, \$2.08 to \$2.20 per barrel, according to brand; sewer pipe, John Corrie; spikes, D. L. Myers, \$2.45 per keg.

QUÉBEC, QUE.—J. P. Ouellet, architect, has let a contract to Joseph Giroux, of St. Casimir, for reconstruction of the interior of the church at St. Blondine, Rimouski County; contract price \$30,200.

KINGSTON, ONT.—G.T.R. bridge at Kingston Mills: Dominion Bridge Co., Montreal, contractors. — Tenders for supply of cement for the city were \$1.89, \$1.77 and \$1.73 per barrel. Rathbin Co., successful tenderers.

REGINA, N. W. T.—Contracts for waterworks and electric light equipment have been accepted as follows: Pumps, Canada Foundry Co., Toronto; combination tender for Babcock boilers, Westinghouse generators and Inglis engine, Ernest Harrison & Co., Winnipeg. The tenders for a dam and power house were left over.

HAMILTON, ONT.—Chas. Mills, architect, has accepted the following tenders for alterations to Knox church: William Hancock, masonry; Donaldson & Patterson, carpentering; J. Clapham & Son, plastering; Charles Drew, tinsmithing; Robertson & Zimmerman, painting; Lowe & Farrell, electric wiring; Hamilton Bridge Company, steel beams; Burrows, Stewart & Milne, heating; total cost \$15,186.

WINNIPEG, MAN. — Supply of sewer pipe for city: W. F. Lee, successful tenderer, \$4,250.—Sewer on Victor street: Dobson & Jackson, \$4,128.50.—Contract for brass goods for city has been divided between Robert Mitchell Co., H. Mueller Manufacturing Co. and John Stevens Co. —Erection of four fire halls: Masonry and plastering, Saul & Brown, \$6,568 each; carpentry, S. B. Ritchie, \$3,677 each; electric wiring, D. H. Hudson, \$62.50 each; plumbing and heating, Dominion Steam Heating Company, \$1,225 each; tin, galvanized iron work, etc., Douglas Bros., \$674.50 each; painting, Nesbitt, Chandler Co., \$320 each.

OTTAWA, ONT.—The Board of Works have accepted the following tenders for supplies: Cement—J. A. Seybold, Star brand, 55½ cents per 100 pounds; Wright & Co., Monarch brand, 54½ cents; T. S. Kirby & Co., Ironclad, 54 cents (accepted); Bellhouse, Dillon & Co., Atlas or Condor brands, 56 cents, Hardware — McKinley & Northwood, \$158; W. Graham, \$89.48 (accepted); McDougall & Cuzner, \$140.83. Crushed stone—T. S. Kirby & Co., \$1,342 (accepted); Wright & Co., \$1,605; Robillard & Son, \$1,468. Curbing—Uledge Carisse, \$680; Robillard & Son, \$617.50 (accepted.) Sand — Peter Veuve, 77 cents per cubic yard (accepted); Cummings & McMillan, 95 cents.—For civic waterworks supplies tenders were submitted as follows: Lead pipe and pig lead, McKinley & Northwood, \$1,210 (accepted); Butterworth & Co. \$1,225; Blyth & Watt, \$1,247; E. G. Laverdure, \$1,617.10. Brass work, Blyth & Watt, \$1,437.35; E. G. Laverdure, \$1,531.55; McKinley & Northwood, \$1,299.50 (accepted.) Hydrants and valves, Thos. Lawson, \$2,735 (accepted); Chaudiere Foundry Company, \$2,835.75. Castings, Alex Fleck, \$3.37½ per hundred pounds; Chaudiere Foundry, \$3.37½ (accepted.) Cast iron pipe, Alex Fleck, \$5,632.05 (accepted); T. S. Kirby, \$6,518.75. Fire alarm supplies, Robert Anderson, \$1,236.

76 (accepted); Ahearn & Soper, \$1,420.16.

NEW COMPANIES.

Christie Woodworking Co., Limited, St. John, N. B., seeking incorporation, capital \$40,000, to manufacture all kinds of wood materials. Directors, Jas. Christie, Charles S. Christie, St. John, and others. Winnipeg Saddlery Company, Winnipeg, Man., incorporated, capital \$100,000, to manufacture saddlery, trunks, etc. Directors, Archibald Wright, W. W. Veitch and others.

St. Raymond Paper Co., Montreal, incorporated, capital \$500,000, to manufacture and deal in wood pulp and paper, timber, etc. Directors, T. N. McCaw, accountant, John Adair, bookkeeper, F. T. Enwright, advocate, Montreal.

JOHN GALT, C.E.&M.E.
MEM CAN SOC. C.E. AND C.E.A., ETC.
CONSULTING ENGINEER and EXPERT
National Trust Building
20 King Street East Toronto
Specialties—Water Supply and Sewerage.

JOSSON CEMENT .. Manufactured at NIEL ON RUPELL

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works.

TO BE HAD FROM ALL CANADIAN DEALERS
C. I. de Sola, Manager in Canada .. 180 St. James Street, MONTREAL

Portland Cement...

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

Sewer Pipes, Best English Cements. Best Belgian Cements
Culvert Pipes, &c. W. McNALLY & CO., Montreal

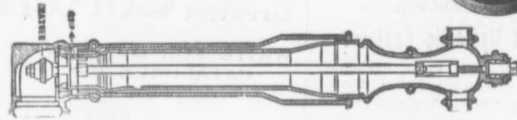
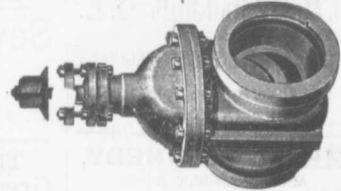
The KERR ENGINE COMPANY, Limited

PUMPING MACHINERY

HYDRANTS and VALVES
Are our Specialty

Don't fail to write us for Catalogue and prices.

WALKERVILLE. - ONTARIO



"Lehigh"
Portland Cement

Capacity 11,000 Barrels every Day in the Year.

For Sidewalks and all other work requiring the highest quality Portland Cement Used by the U.S. Government and the largest contractors and users of Portland Cements in the United States.

Absolutely the most popular Cement in Canada on account of its merits.

For Prices, etc., address

THORN CEMENT CO. - Buffalo, N. Y.

Portland Cement..

ALL GRADES.

Write or Telegraph to

BELLHOUSE, DILLON & CO.

201-203 Coristine Building, St. Nicholas Street Montreal

for prices---Large stock constantly on hand.



Largest Makers in the World.



CA

District

THOS. J. D.

Special Castin
Flange Pip
Branches
Hydrants
Valves



HEAD OFF

ALEX. G.

THE

Manu

Special
Waterv

Co., Montreal,
000, to manu-
pulp and paper,
L. N. McCaw,
bookkeeper, F.
Montreal.

C.E.&M.E.
C.E.A., Etc.
and EXPERT
ing Toronto
Sewerage.

Manufactured at.
ON RUPPELL
for High
al Works.

et, MONTREAL

t...

an Cements
D., Montrea

Limited



ent

the Year. 1

nd Cement
Portland
erts.

N. Y.

t..

CO.

et Montreal

stantly

The Successor to the Pick and Shovel



Beaver Post Hole Digger

The pick and shovel combined in one, and results
equally good with loose soil, clay or gravel.

Will pay for itself in one day and last a life-time.

CANADA FOUNDRY COMPANY, LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG VANCOUVER VICTORIA ROSSLAND

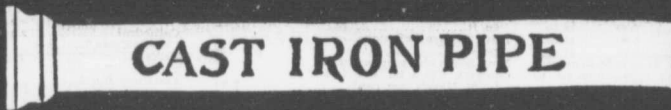
THOS. J. DRUMMOND,
President.

JAMES T. McCALL,
Secretary-Treasurer.

C. E. D. GUDWILL,
Vice-President.

Montreal Pipe Foundry Co., Limited

Special
Castings
Flange Pipe
Branches
Hydrants
Valves



CAST IRON PIPE

Valve Boxes
and
general
Water
Works
Supplies

Works at: LACHINE, QUE.
THREE RIVERS, QUE
LONDONDERRY, N. S.

Combined daily capacity:
175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING, MONTREAL

ALEX. CARTSHORE, President. J. G. ALLAN, Secretary and Treasurer. JAS. THOMSON, Vice-President and General Man.

THE CARTSHORE-THOMSON PIPE & FOUNDRY CO. LIMITED.

Manufacturers of:::



CAST IRON PIPE

Flexible and Flange Pipe,
Special Castings and all kinds of
Waterworks Supplies

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON, ONT.

