CANADIAN

tract Record

A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County
Clerks and County Engineers, Purchasers of Municipal Debentures and Leading
Contractors in All Lines Throughout Canada

VOL. 17.

TORONTO, MONTREAL - APRIL 18, 1906 - WINNIPEG, VANCOUVER

No. 7

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an intermediate Edition of the Canadian Architect and Builder.

THE C. H. MORTIMER PUBLISHING COMPANY of Toronto, Limited,

Subscription Price, So per annum, payable in advance,

CONFEDERATION LIFE BUILDING, TORONTO Telephone Main 2362.

Branch Offices : 26 Alliance Building, Montreal, Telephone Main 2299.

720-721 Union Bank Building, Winnipeg.

Davis Chambers, 615 Hastings St., Vancouver, B. C. Telephone 2248

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the pub-tishers of any irregularity in delivery of papers.

If we were not fully prepared with the most eminent counsel to support our basic patents, the tried and proven excellence of our road in points, where other roads fall would not count. An agent holding our permanent contract has a walkable property. Our literature and terms to agents on a put THE NASH, ROAD, Borough of Brooklyn, New York City.

TO SURVEYORS

Young man would like to join surveying party. Address "SURVEY," care CONTRACT RECORD, TOTONTO.

WANTED

Two Cement Sidewalk Finishers

for the City of Regina, Offers will be received by the undersigned up to TURSDAY, MAY 187, 1996. Applicants will state their qualifications and experience, also salary required. ANGUS SMITH, City Engineer.

Regina, April 11th, 1905.

TENDERS

SUPERSTRUCTURE FOR STEEL BRIDGE

Proposals will be received by the undersigned up till noon on MONDAY, THE 772 DAY OF MAR. 1969. THE OF MAR. 1969. THE PROPOSE OF THE PROPOSE

Sandwich, April 14th, 19c6.

TENDERS

Sealed tenders, marked "Tenders for Sidewalks," will be received by R. M. Thompson, Acting Clerk of the Town of Blenheim, up to 7 éclock p.m. on MONDAY, APRIL, 3711. 1906, for the construction of certain Coment Sidewalks and Grossings in the Town of Blenheim. The said work to be constructed according to the plans and specifications of Geo. A. McCubhin of the Clerk's office of the said work to be constructed according to the plans and specifications of Geo. A. McCubhin of the Clerk's office of the construction of the clerk's office of the clerk of the contract price obtained from the Acting Town Clerk.

As security for the work to be Quecil will retain fifteen per cent, of the contract price for the space of five years, allowing bank interest thereon.

T. K. MORRIS

T. K. MORRIS, Chairman Board of Works, Blenheim Blenheim, April 10th, 1906.

TOWN OF PERTH

Scaled tenders will be received until six (6) p. m., MONDAY, APRIL, 30, 1006, for the furnish of all materials and labor, for the construction of all concrete sidewalks and crossings in the Town of Perth, that the Municipal Council of the Town of Perth may desire to construct during 1006.

the Town of Ferth may desire to construct during 150.

The state of the addressed to John A.Kerr, Town the construct during 150.

An accepted cheque for \$200.00 must accompany each tender.

The lowest or any tender not necessarily accepted.

epied.
For forms of tender, specifications and all other information apply to
HARRY WELCH, Town Engineer,
Box 25, Perth, Ont.



TEMISKAMING and NORTHERN ONTARIO RAILWAY

TENDERS FOR GRADING

Scaled tenders, addressed to the undersigned, will be revived until 12 o'clock noon on TUESDAY, ALACL sarm, 1906, for all the work, excepting the ballasting and track laying, connected with the building of an extension from the present existing tracks at North Bay Jusction to Nipissing Junction, a distance of about three miles.

Sighssing Junction, a distance of about three miles.

And also for an extension from Narth Bay Junction to Regina street, in the Town of North Bay. Plans and specifications will be on exhibition at the office of the Commission, a Toronto the office of the Chief Englineer, North Bay. Or office of the Chief Englineer, North Bay or office on the Chief Englineer, North Bay or office on the Chief Englineer, North Bay or office on the Chief English of the Chief Engli

Debentures for Sale

Scaled tenders will be received up to noon of SATURDAY, APRIL 85TH, 1906, for the purchase of \$4,700 High School Debentures of the Town of Oshawa, dated April and, 1906, bearing interest at 4½ per cest, per annum and repayable at the office of the Treasurer, Oshawa; and so equal annual instalments of principal and interest. The highest or any tender not necessarily accepted.

THOS. MORRYA

THOS. MORRIS, Town Clerk.

NOTICE TO CONTRACTORS

Tenders will be received, addressed to the un-dersigned and marked "Tender for Trenching," up to noon on APRIL 25TH, 1906, for Trenching for water and sewer pipes according to plan and specification.

Approximate distance to be excavated about 5,000 lines feet. Rock (siste) 5,000 cubic yards. Rarth 1400 cubic yards. Also for Trenching for a sixteen inch water pipe for a distance of about 10,000 lines feet, mostly eastly.

nostly each.

Tenders will be received for the whole or sections of the work.

Flais and specifications can be seen at the observation of the Superintendent of Water Works.

Flais and specifications can be seen at the observation of the Superintendent of Water Works.

Hach tender must be accompanied by a certified cheque, payable to the Town Treasurer of Dartmouth, for the sum of \$400, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract with approved sureties, if called upon to do so.

The Town of Dartmouth reserves the right to reject any or all tenders or to accept any bld which appears advantageous to the Town.

Alfered E.Llott,

Dartmouth, N. S., March 29, 1906.



Temiskaming and Northern Ontario Railway Commission

TENDERS FOR ROUNDHOUSES

Sealed tenders, addressed to the undersigned, as Toronto Street, Toronto, and marked "Tender for Roundhouses," will be received up to 12 o'clock, noon, on the softe DAY OF APRIL, 1906, for the erection complete of the following: One 18 stall Rugine House and Machine Shop 18 to 19 yoft, with boiler house and dealt room, as the stall Rugine House and Machine Shop 53 ft, by 50 ft, with boiler house and coal room, at Engleinart, 138 miles from North Bay.

Plans and specifications are on exhibition at the Chief Rugineer's office, North Bay, and at the office of the Secretary-Treasurer, 25 Toronto Street, Toronto.

A marked cheque for \$5,000, payable to fae order of the Chairman and Secretary-Treasurer, must accompany each tender (which must be made with the strength of the commission). The Commission is not bound to accept the decrease.

The Commission is not bound to accept the owest or any tender.

H. W. PEARSON,
Secretary-Treasurer.
Toronto, April 13th, 1906. Papers inserting this advertisement without authority will not be paid for same.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.] done to haid a block of

Cement Brick Business for sale; everything complete. Machine imported from Germany; A snap if sold quick. Apply Box 101, CONTRACT RECORD, TOYONTO.

FOR SALE

Twenty-five horse power Steam Boiler on wheels, in good order, only used eight months. Price Three Hundred and Fifty Dollars. Apply C. H. CLARKE, Gananoque, Ont.

TENDERS

separate or in bulk, will be received by the un-dersigned up to 5p m. on WEDNESEAY, 25TH INST. for the erection of a Hotel Building on Terauley Street. The lowest or any tender not necessarily uc-

A. W. HOLMES, Architect, 10 Bloor Street East, Toronto.

TENDERS

separate or in bulk, will be received by the un-dersigned up to noon of 8ATURDAY, 3TM MAY, for the trades required in the erection of a Physics Laboratory in Queen's Park for the University of Toronto. Plans and specifications may be seen and all information obtained on application to

DARLING & PEARSON, Architects, 2 Leader Lane, Toronto. The lowest or any tender not necessarily ac-cepted.

To Paving Contractors

Sealed tenders, addressed to the Chairman of the Committee on Works, will be received by the City Clerk, St. Catharies, Ont., until 1s o'clock noon, on MONDAY, gorns INST., for about 16,000 square yards of pawing with vitrified brick upon concrete foundation and about 8,000 lineal feet of 5° stone curbing on St. Paul Street, in the said city. Plans and specifications may be seen and form of tender obtained at the office of the City Engineer on and after the soth inst.

R. E. SPEAKMAN,
City Engineer,
St. Catharines, Ont

April 10, 1006.

CONTRACTS OPEN.

PARIS, ONT .- The G.T.R. will build a new passenger station.

LANGHAM, ALTA .- Mr. Peter will build a hotel here this season.

KEEWATIN, ONT .- The Oddfellows will erect a hall here this summer.

HAMIOTA, MAN .- It is understood that A. Kelly will build a new hotel.

EDMONTON, ALTA.—R. B. Croon intends enlarging the Alberta Cafe.

BEAMSVILLE, ONT .- Plans for new canning factory are being prepared. BRIDGEWATER, N.S.-Plans have been prepared for a new Lutheran church

SUSSEX, N. B. - A site has been chosen for the new school building, cost \$25,000

PORT ROWAN, ONT. - Joseph Pierce will build two new houses on Ellis

BATH, N.B.-B. F. Smith, M.P.P. interested in a saw and lath mill to be built here.

QU'APPELLE, SASK .- The Northern Bank will erect a new building here, cost \$10,000.

MARKHAM, ONT .- M. C. Selby will erect a residence and shop on the site of his present shop.

MIMICO, ONT. - Plans are being prepared for a cement building for the Railroad Y.M.C.A.

VERNON, B. C.—The Council are considering the installation of a sewerage system, cost \$25,000.

MITCHELL, ONT. are being solicited to aid Mr. Thompson in rebuilding his mill.

PARRY SOUND, ONT .- Plans are being prepared for the new brick residence to be erected this summer for the

STRATHCONA, ALTA. — The citizens are discussing the issue of \$35,000 electric light debentures.

REGINA, SASK.—The City Council are considering the improvement of the fire hall and fire fighting apparatus.

MONCTON, N.B.—The City Council are considering the remodelling of the opera house, to cost about \$10,000.

BERLIN, ONT.—St. Andrews Pres-byterian church have decided to erect a new building this summer, cost \$25,000. NORTH BAY, ONT.—The Trustees the Methodist church are soliciting

subscriptions for a new church building. BLENHEIM, ONT.—T. K. Morris will receive tenders up to April 30th for construction of cement sidewalks in the

PORT ARTHUR, ONT .- A government architect will report on the neces-sary alterations to the post office building here.

LEASKDALE, ONT .- A. Cook will receive tenders up to May 1st for erec-tion of a Presbyterian church. Plans at

KENORA, ONT.—G. M. Roich will receive tenders up to April 21st for erection of a two story stone and brick huilding.

QUEBEC, QUE .- The plans for the new Protestant school on St. Joachim street have been accepted, cost over \$30,000

SACKVILLE, N. B.-H. H. Mott arch tect, has completed plans for an addition to the warehouse of the Enterprise Foundry Co.

PORT HOPE, ONT .- The congre gation of Mill street Presbyterian church purpose making extensive improvements to the building.

CORBYVILLE, ONT. — Tenders have been taken by the H. Corby Distillery Co. for the erection of a brick storehouse here.

CORNWALL, ONT.—The Canada Architectural & Engineering Co. are preparing plans for a new building for St. Paul's Home.

MOOSE JAW, SASK.—Jones & Ban-yard, architects, have taken tenders for the erection of a house on Main street

EGLINTON, ONT.-G. Dixon will erect a residence on Broadway.-The Misses Nichols intend erecting a house on Roper avenue.

WHALEN, ONT. Clerk, will receive tenders up to May 4th for construction of drainage work, estimated cost \$1,859.

WINGHAM, ONT.—A by-law is to be submitted to the ratepayers for constructing a trunk sewer on the main street, cost \$6,000.

COLBORNE, ONT. Donagh will receive tenders up to May 21st for purchase of \$6,000 4 per cent. township debentures.

ORILLIA, ONT.—Croker & Hoy, architects, have prepared plans for a three-storey building to be erected on Peter street for R. R. Slaven.

EMERSON, MAN. - Mr. Evans, architect, has been instructed to call for tenders for school building according to plans submitted to the Board.

GRANDVIEW, MAN. — William Dickie will receive tenders up to May 12th for purchase of \$7,500 4 per cent. Berry Hill school debentures.

PETROLIA, ONT. — H. Branston has taken tenders for the erection of a school building here. J. L. Wilson & Son, Chatham, architects.

BELLA COOLA, B.C.—It is said that A. E. Williams and City Attorney Hart, of Vancouver, will erect a pulp mill here to cost over \$1,000,000.

WAYERTON, N.B. - James Urquhart will receive tenders up to May 1st for erection of school house above Chaplin Island. Plans with Henry Allison.

LEAMINGTON, ONT. — Tenders will be received up to April 30th by A. Baird, C.E., for construction of Gore Atkin drain. Plans with James Honor.

BELLEVILLE, ONT .- Tenders will be received up to April 24th for the erection of Victoria avenue Baptist church. Plans with Stroud Bros., Front street.

WOODSTOCK, ONT .- Plans for the extension of the Collegiate Institute have been approved by the Department of Education and work will begin at once.

RENFREW, ONT.—J. K. Rochester, Town Clerk, will receive tenders up to April 21st for construction of a concrete arch culvert over Smith's Creek in this

AYLMER, QUE.—The Minister of ublic Works has been petitioned to Public Works has been petitioned to have a breakwater constructed on Lake Deschenes between Hotel Victoria and Queens Park.

NAPANEE, ONT.—W. A. Grange, Town Clerk, will receive tenders up to May 1st for plank, portland cement, tub-ble, etc., also for work in building sidewalks, pavements, etc.

LLOYDMINSTER, SASK. -School Board have decided to build a four-roomed brick school house.—It is understood that an Edmonton firm will erect a large flour mill here.

WEYBURN, SASK. — A. Anderson has taken tenders for building a school in Rockfield, S.D.—Mr. Walker, manager of the Saskatchewan Lumber Co., will erect a residence here.

ROSTHERN, SASK .- The School Board will advertise for tenders for erection of a new brick and stone school building.—B. J. Friesen is interested in a scheme to erect a hospital here.

GODERICH, ONT .- The Huron & Perth County Council purpose erecting two bridges on the boundary between Grey and Elma townships. Ansley & Donaldson are to prepare plans.

CARDINAL, ONT. — Tenders will be received by L. K. Jones, Secretary Department Railways and Canals, Ottaup to April 19th, for constructing a art here. Plans at engineer's office.

BRANDON, MAN .- The by-law to raise \$80,000 for new school buildings was carried.—The plans of Mr. Sinclair, architect, for an eight-roomed school building, have been approved, brick and stone, cost \$40,000.

GUELPH, ONT.—F. Gelinas, Secretary Department of Public Works, Ottawa, will receive tenders up to May 1st for the construction of an armory. Plans with above named and with caretaker of public building here.

vegreville, ALTA.—Plans are being prepared for the new Merchants' Bank building, cost \$10,000.— The Roman Catholic congregation have secured an option on a site for a church

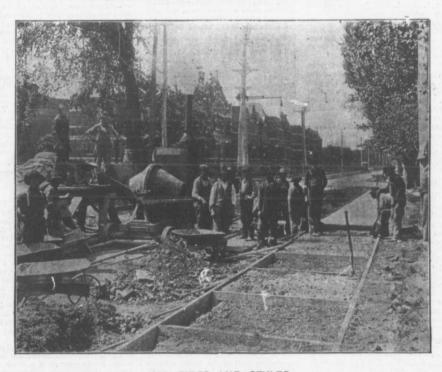
building.
PETERBORO, ONT.—It is under-PELENBORO, ONI.—It is under-stood that considerable extensions will be made to the gas plant here.—A site-has been selected for an Isolation hos-pital here, cost about \$6,000.— James Stubbs will build two brick houses east of George street.

CALGARY, ALTA .- William Angle E. L. Chudleigh will erect a residence in Rouleauville.—L. K. McGuffin expects to build a residence here.—Mr. Sheppard expects to build a block of stores,

SMITH CONCRETE MIXERS

Pay for Themselves Quickly Because

they produce a high class mix in a short time, are economical in use and are built to last.



ALL SIZES AND STYLES

ADAPTED TO EVERY CLASS OF CONCRETE WORK

Austin Gyratory Crushers Portable Engines and Boilers
Hoisting Engines and Derricks

Wire Rope and Fittings Street Sweepers

Street Sprinklers Carson Treenh Machines

-Catalogues on Application-

W.H.C.MUSSEN & CO.

Railway, Mining, Municipal and Contractors' Supplies

MONTREAL

rney pulp rqurst hap-

on.
iders
by A.
e Atr.
will
erec-

r the have it of once.

er of ed to Lake and

up to , rubside-

ild a
-It is
n will
erson
school

School erecschool ted in

ron & ecting tween ley &

Ottating a office. aw to ldings nclair, school k and

Vorks, May

ns are chants' — The have church under-

ns will
-A site
n hosJames
es east

Angle enue. ence in expects Shepstores, TI

corner of Tenth avenue and First street H.H. Oliver will build a store on Stephen avenue.

VICTORIA, B. C. — S. Maclure, architect, has taken tenders for the erection of a dwelling on Church Hill.—J. B. Hobson has secured capital to build seventeen miles of canal to bring water to the claims of the Cariboo Consilidated Company.

INDIAN HEAD, SASK.—The following ibuildings are contemplated: Block on Main street for the H. H. Campkin Co.; block for the Bank of Hamilton, and residences for A. G. Orchard, H. B. Gardner, E. Williams and A. M. Fraser.

ST. BONIFACE, MAN. — Blair & Northwood, architects, Winnipeg, have taken tenders for the erection of a bank, store, and office building here.—G A. Rocan will receive tenders up to April 23rd for \$30,000 5 per cent. school debentures.

HAMILTON, ONT. — The Barton Street Methodist church will build a new parsonage on Sanford avenue.—T. W. Watkins will build a new block on Hughson street.—The Norton Manufacturing Co. have plans prepared for an extension to their buildings.

ST. MARY'S, ONT.—F. E. Butcher intends erecting large cooperage works on a site recently purchased.—The date for receiving tenders for \$16,912.35 4 per cent. town debentures has been extended to May 4th, and they will be sold in blocks of \$100 and upwards.

MARSOUINS, QUE.—F. Gelinas, Secretary Department of Public Works, Ottawa, will receive tenders up to May 10th for the construction of a wharf here. Plans with above named and at office of P. Beland, post office building, Quebec, C. Desjardines, post office building, Montreal, and at post office bere.

STRATFORD, ONT. — The following building permits have been granted: A. Williamson, brick residence, Albert street; D. McGregor, brick residence, Albert street; John Etty, residence, Avon street; J. M. Lillow, residence, William street; Miss Steet, two residences, Inverness street.

CHATHAM, ONT.—J. L. Wilson & Sons, architects, will prepare plans for remodelling the market building, cost about \$3,000.—W. N. Morley will receive tenders up to April 28th for heating and ventilating 20-roomed school building.

OTTAWA, ONT. — Tenders have been taken by William Rea for the erection of an addition to Creighton street school.—The Transcontinental Railway Commission will soon call for tenders for 50,000 tons steel rails, also fastenings and ties.—The Board of Works have de-

cided to lay an asphalt pavement on Elgin street, from Albert to Argyle avenue, also on part of Bell street.

PORTAGE LA PRAIRIE, MAN.—
The Imperial Oil Co. will erect a large warehouse here.—B. Bowser will build a two-storey brick house, corner of Campbell street and Lorne avenue.—The Lakefthe Woods Milling Co. intend building a large oatmeal elevator here.—It is announced that the C. P. R. will remodel their yards and freight sheds at a cost of \$26,000.

SARNIA, ONT. — James Spearman will receive tenders up to April 20th for building an extension to the library building. Plans with G. A Proctor, 134 Euphemia street.—J. D. Stewart, Town Clerk, has taken tenders for digging, laying tile and filling of sewers on Maxwell, Talfourd and Russell streets.

HALIFAX, N. S. — The Canadian Locomotive Construction Co. have purchased a site and expect to establish a plant here at an early date.—Henderson & Potts, paint manufacturers, are promoting a project to establish lead cortoding works here.—The School Board purpose erecting a High school for St. Patrick's girls on Brunswick street.—A bill has been introduced into the Legislature to build a railway from Dartmouth to Gnysboro.

WELLAND, ONT.—H. W. Macomb will have his residence, which was recently damaged by fire, reconstructed this season.—C. S. Peaslee, of New York, has made proposals to the Board of Trade regarding the establishment of a shoe factory here, three stories, 150 x 50 feet, cost \$30,000.—Judge Muehlfeder, of Albany, N. Y., and other capitalists have been in town making arrangements for the erection of the large steel works here.

LONDON, ONT.—Moore & Henry, architects, will receive tenders up to April 2cth for erection of St. Paul's Evangelical church on Wellington street.

—W. G. Murray, architect, has taken tenders for erecting a factory building for Dominion Office & Store Fitting Co.—George White & Son have procured a site on Rectory street for extension of their engine and boiler works.—It is stated that the Toronto Canning Co. intends locating here.

NEW WESTMINSTER, B. C.—L.
S. Lusby will erect a residence on Royal
avenue, cost \$3,500.—The Works Committee have recommended the construction of a main sewer on Fourth street.—
Major Pearson & Company have sold the
Blackie estate at Mud Bay on which it is
said a large summer hotel will be erected.
—It is reported that options have been
secured on part of the Reilly estate at
Sapperton for a hotel building.—A bylaw will be submitted to the ratepayers to

raise \$10,000 to add a wing to the Central school.

VANCOUVER, B. C. — Honeyman & Curtis, architects have taken tenders for the erection of St. John's Presbyterian church.—H. E. Rines has bought the Glasgow Hotel and will have it altered considerably.—Tenders have been taken by the Secretary of the School Board for erection of a four roomed building at Fairview West, also for repairs to Fairview school, corner Ninth avenue ond Granville street.—The Sobey Lumber Company, of Ballard, Wash., are looking for a site on Burrard Inlet for a large saw mill.—The Methodist congregation of Mount Pleasant have decided to construct a new church, cost \$25,000.

SASKATOON, SASK.—W. W. La-Chance has taken tenders for erection of a block for J. F. Cairns, and has completed plans for the Bowerman building, corner of Twenty-First street and Second avenue.—E. S. Blain purposes erecting a two-storey building on Second avenue, also a branch drug store in Riversdale.—The congregation of St. John's church expect to build a new rectory this season.—W. H. MacBeth and A. E. Young will erect a two-storey building, brick, 50×65 feet, corner Twenty-Second street and Second avenue.

MONTREAL, QUE.—The Sisters of the Holy Cross will erect a school on Centre street, cost \$50,000.—A permit has been issued for a new school on St. Germain street, cost \$28,000.—W. J. Martin has plans prepared for the ere tion of a tenstory hotel on Windsor street, at a cost of about \$100,000.—Building permits have been granted to the Sisters of Jesus and Mary to erect a convent on Rachel street, cost \$30,000, to Robert Archer for a residence at 1184 Sherbrooke street, cost \$3,000, and to Mrs. A. J. Catter for a residence on Pine avenue, cost \$11,000.

BRANTFORD, ONT. — The Public School Board have recommended the City Ccuncil to pass a by-law empowering them to erect an eleven roomed school on Murray street, addition of four rooms to Darling street school and four rooms to Huron street school. — The Brantford Roofing Co. will build a factory on Sydenham street, cost \$12,500. — The Board of Health have asked the City Engineer to recommend the laying of sewers on several streets. — Building permits have been granted to William Brown for brick dwelling on Superior street, cost \$1,250, and H. Oldham, brick dwelling on William street, cost \$3,250.

\$3,500. WINNIPEG, MAN.—G. E. Teeter, architect, 536% Main street, has taken tenders for the erection of a brick resi dence in Oakwood ave., Riverview, fo William Bell.—H. F. Hutchings wil;

OUR DUPLEX CATCH BASIN



has been recommended by eminent Engineers as the

MOST CONVENIENT FOR CUTTER WORK

Can be adjusted to different heights and is easily placed.

We also Make:

Manhole Covers and Frames, Hydrants and General Castings.

The R. McDOUGALL COMPANY, Limited,

erec street son, the control of the

Ap

Wel

Bem

corn

ceivi

of a

Rus

onto corr Two Pari erec Pap abo The app

0. 1

J

M Ros

Citi

erect a residence corner of Park road and Wellington crescent, cost \$30,000.—The Bemis Bag Co. will erect a building corner Alexander avenue and Stanley street.—C. J. Brown, City Clerk, will receive tenders up to April 26th for erection of a quarantine hospital. Plans at office of C. H. Wheeler, architect.—J. H. G. Russell, architect, has taken tenders for erection of a brick residence on Nassau street for G. H. West.—Darl ng & Pearson, architects, have taken tenders for the erection of a Nurses' Home for the General Hospital—Plans are being prepared for the Grain Exchange building, cost \$250,000.—The Elks Club propose to erect a villa at Winnipeg beach.

TORONTO, ONT.—F. H. Herbert, architect, will receive tenders up to 19th interfere architect, will receive tenders up to 19th interfere architect, will receive tenders up to 19th interfere architects.

TORONTO, ONT.—F. H. Herbert, architect, will receive tenders up to 19 h inst. for remodelling store building at 181 Yonge street for J. J. Fol'ett.—The Board of Control will receive tenders up to April 19th for additions and al erations to the main pumping station, foot of John street.—D. Lorsch & Co. have sold a site on Dundas street to a manufacturing concern.—Wm. Davies has donated two sites for Baptist mission halls, one at corner Queen street and Reid ave. and one on Pape ave. near Queen street.—The Toronto Presbytery will build a church, corner Reid ave. and Gerrard street.—H. Tweede will build three tesidences on Parkview ave.—F. T. Burgess intends erecting several six-rocmed houses on Pape ave.—Love Bose. expect to build about 100 houses, chiefly in Riverdale.—The Board of Control have decided to appropriate \$60,000 for a High school

building and site in Riverdale.—James Bain, Public Librarian, has reported that the plans for the Yorkville ave. branch library are completed.—Plans have been completed for St. Peter's Roman Catholic church to be erected at corner of Bloor and Markham streets, brick and stone, cost \$27,000.—City Engineer Rust has recommended the construction of the

SAND and SLAG

For Roadbuilding, Sewer Construction, Concrete Foundations and Footings is our specialty.

SAND & DREDGING, Limited
Tel. M. 4507. Office: John St. Dock, TORONTO

A. LEOFRED

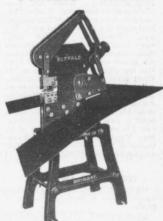
Consulting Engineer WATERWORKS A SPECIALTY.

Metropolitan Ins. Bldg.

Phone 545.



ARMOURED PLATE PUNCHES AND SHEARS



No. 42 in. Combined Punch and Shear

CANADIAN BUFFALO FORGE CO., LTD.

DERRICKS, HOISTING WINCHES

and Contractors' Specials in Sheaves, Shafts, Truck Axles, etc.

Every Style of Derrick

Every Capacity

Prices on Application

MILLER BROS. & TOMS, MONTREAL

JOHN CALT

ne

lic he ered

ur

ur he

IC.

ng

m,

łK

C. E. and M. E.
CONSULTING ENGINEER
and EXPERT

WATERWORKS, SEWERACE AND ELECTRIC LIGHT

O. W. SMITH, C. E. W. J. BOWERS, C. R.

23 Jordan Street TORONTO

JOHN S. FIELDING Mem. Soc. C. R. West Penn. '87.

CONSULTING ENGINEER
Water Powers Dams, Bridges
Room 2, 15 Toronto Street, TORONTO, ONT.

McDOUGALL & McRAE ENGINEERS

Electric Light and Power Plants.
Electric Railroads.
General Consulting Work.
Citizen Building OTTAWA

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

JOSSON CEMENT

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 OR FROM

C. I. DE SOLA, 180 St. James Street, MONTREAL

SAMSON CEMENT

MANUFACTURED BY

THE OWEN SOUND PORTLAND CEMENT COMPANY, LIMITED

Works at SHALLOW LAKE, ONT.

Write us for prices.

following: Asphalt pavements — Taylor street, from Sumach to River, \$2,602; Laxton ave., from Jameson to Dowling, \$3,117; Simcoe street, from King to Wellington, \$5,589; St. Vincent, from Grenville to St. Joseph, \$9,292. Bitulithic pavements — Howie ave., from Clark street to north end, \$3,019; Concord ave., from south side of Northumberland street to a point 712 feet north, \$5, land street to a point 712 feet north, \$5, land street to a point 712 feet north, \$5,900. Resurfacing macadam roadway—Beverley street, \$7,072; Queen's
Park Crescent, \$8,907. — John Hallam
will receive tenders up to 6 p.m. of April
18th for addition to warehouse at 111
Front street east.—Tenders have been
called for erection of three houses on
Bartlett avenue. Plans at 76 Montrose
avenue.—The congregation of Crawford
street Methodist church have decided to
build a new Sunday School building. street Methodist church have decided to build a new Sunday School building, cost \$20,000.—The congregation of St. Mary Magdalene's are discussing the ex-tension of their church building to Man-ning avenue, cost \$18,000.

CONTRACTS AWARDED.

NANTON, ALTA.—Building of school ouse: Brown & Davis, contractors, at

BRIDGEPORT, ONT.—Erection of bridge: Hamilton Bridge Works, at

FORT WILLIAM, ONT .- Building of new church and Sunday school: Russel Bros., contractors.

WELLAND, ONT. — Houses for the ordage Company: Gallivan Building Cordage Company: Company, contractors.

VANKLEEK HILL, ONT. — \$4,218 5 per cent. debentures: G. A. Stimson & Co., Toronto, purchasers.

FRANK, ALTA.—Construction of tip-le for Canadian American Company: Fraver & Sinclair, contractors.

EAST TORONTO, ONT.—\$32,500 school debentures: Canadian Securities Company, purchasers, at \$32,250.

RENFREW, ONT.—\$27,439 town debentures: Wood, Gundy & Company, Toronto, purchasers, at \$26,616.

PORTAGE LA PRAIRIE, MAN.—Mr. Stewart has secured a five mile sub-contract on the Midland Railway.

BRANDON, MAN.—Addition to Brandon College: McDougall & Ireland, Virden, Man., successful tenderers, at \$30,000 exclusive of heating and plumbing.

PETERBORO, ONT. — A double dwelling on Rubidge street for George Benson and a brick residence on Park street for Joseph Johnson: W.J. Johnson, contractor.

contractor.

BARRIE, ONT.—Public school building at Allandale: Entire building except heating system, Ball Planing Mill Co., \$17,074! heating, Pease Foundry Co., Toronto, \$2,275.

EDMONTON, ALTA.—Warehouse on First street for Revillion Freres: Cannell & Spencer, contractors.—Post office build-& Spencer, contractors.—Post office building, corner Rice and McDougall streets:
K. McLeod, contractor, \$7,000.

ST. CATHARINES, ONT .- Extension

ST. CATHARINES, ONT.—Extension of Niagara, St. Catharines & Toronto Railway: Construction work, Joseph Battle, of Thorold, successful tenderer; permanent bridges, Canada Foundry Co. DARTMOUTH, N. S.—William Stair, Son & Morrow have been given the contract for supplying pipe for the north end extension and new main as follows: T. & B., 16 inch at \$31.09 a ton, 10 inch at \$32.50 and 6 inch at \$34.15.

TORONTO. \$\text{PNT}.\$\text{-Residence on TORONTO.} \$\text{-PNT}.\$\text{-Residence on TORONTO.}

\$32.50 and 6 inch at \$34.15.

TORONTO, \$\circ{\text{MNT}}\text{.}\$— Residence on Poplar Plains Road for J.K. McMaster: Brick work, Eligie & Page; carpenter work, Dinnis & Son. Bond & Smith, architects.—Residence for Eugene Coste on Poplar Plains Road: Brick work, Elgie & Page; carpenter work, Scholey Bros. Bond & Smith, architects.

WATSON'S DUMPING WAGGON

Street Paving, Road Building and Contractors' uses. First in the field and last in the repair shop Sizes from 1½ to 5 yards

Canadian Sales Agent

JOHN ROBINSON 64 King St. E., HAMILTON, ONT.



TLAND



SEWER PIPES FIRE BRICKS FIRE CLAY

ALEX. BREMNER

50 Bleury Street, MONTREAL

Lafarge (NON-STAINING) Cement

PORTLAND CEMENT DRAIN PIPES

CULVERT PIPES

FIRE CLAY SEWER BRICK

SEWER BOTTOMS

FIRE BRICKS

F. HYDE & CO.,

King, Queen and Wellington Sts.

MONTREAL

Turbine Pumps and Electric Motors

For use in connection therewith; all of highest efficiency and best workmanship.

MADE BY

MATHER & PLATT, Ltd., Manchester, England,

Drummond, McCall & Co.,

CANADIAN AGENTS

M. BEATTY & SONS, LIMITED



WELLAND, ONTARIO, CAN. Dredges, Ditchers, Derricks Steam Shovels.

ROGERS SUPPLY CO. CRUSHED STONE

for Cement Sidewalks, Road Foundation and Concrete Work

Head Office: 3 KING STREET BAST TORONTO Phone Main 4155

YARDS Bathurst Street, Opposite Front Street Lansdowne Avenue and Dundas Street 359 Pape Avenue 1013 Youge, Street (North Toronto)

April

WINN fire-prod block, th new war tract for ment ho streets. COLI Herring

tollowin Hume \$2,100 story ho Simcoe for W. OTT

Nationa bec to Macdor Winnip J. D. Mc steel v Domini to La 550,000 M.P. D M. Con 081,00 pany, s \$13,028 pany, \$ Trunk Machin

carry E.J.H. The Toront N. Bai Turi

Silve onto, i

WINNIPEG, MAN. — A. B. Ormsby, Limited, have secured the contract for fire-proof windows for the MacIntyre block, the new Hudson Bay store and the new warehouse for Grosse & Walker.— C.S. Bridgman, architect, has let the contract for construction of three-story apartment house, corner Logan and Martha streets, cost \$35,000.

COLLINGWOOD, ONT.-Woolner & Herrington, contractors, will build the following; Two story brick house on Hume street for Charles Tymon, cost \$2,100; two storey brick house on Fourth street for M. Brown, cost \$1,800; two story house on Oak street for W.McLean, story house on Starster brick house on Sincoe street for W. Travis, cost \$1,500; two story brick house on St. Marie street for W. J. Woolner, cost \$1,200.

for W. J. Woolner, cost \$1,200.
OTTAWA, ONT. — Construction of National Transcontinental Railway: Quebec to La Tuque, 150 miles, Hogan & Macdonald, contractors, at \$5,296,000; Winnipeg to Superior Junction, 245 miles, J.D. McArthur, contractor, at\$13,010,000; steel viaduct over Cap Rouge valley, Dominion Bridge Company, at \$318,000. Other tenders were as follows: Quebec to La Tuque—O'Brien & Mullarkey, \$5,550,000; Grand Trunk Pacific, \$6,459,000; M.P. Davis and J.T. Davis, \$6,667,000; M. Connolly, Desjardins & Wilson, \$7,081,000; MacArthur Construction Company, \$7,040,000. Winnipeg to Superior Junction—Pacific Construction Company, \$3,040,000; Grand Trunk Pacific, \$13,73,000; Grand Trunk Pacific, \$13,100. Junction—Pacific Construction Company, \$13,028,000; Grand Trunk Pacific, \$13,094,000; MacArthur Construction Company, \$17,048,000. Steel viaduct—Grand Trunk Pacific, \$347,000; Phoenix Bridge Company, \$348,000; Locomotive & Machine Company of Montreal, \$331,000; Canadian Bridge Company, \$343,000;

NEW COMPANIES.

Silverland Development Company, Toronto, incorporated, capital \$1,000,000, to carry on mining operations. Directors, E.J.H. Pauley, E.R. Clarkson, and others.

The British & French Motor Car Co., Toronto, incorporated, capital \$50,000. Directors, J.C. Palmer, E.E. Palmer, H. N. Baird, and others.

5

Turner Novelty Manufacturing & Galvanizing Co., Chatham, Ont., incorporated, (Continued on page 12.)

Crushed Stone, Limited STONE of any Size and in any Quantity on hand for Sidewals s, Road work or Concrete Work

G. W. Essery, Manager.

Head Office: 47 Yonge St. Arcade. TORONTO
Phone Main 4516 KIRKFIELD, ONT

STONE AND CRAVEL SPREADERS

A perfect device for spreading Stone, Gravel, &c., on the road of any required depth.

NO MORE SHOVELLING REQUIRED Nicely balanced, broad tires, turns with in its own length. The only one of its kind made in Canada.

Sawyer & Massey,
Road Machinery Dept.
Canada



THE JOHNSON CORRUGATED STEEL BAR



REINFORCED CONCRETE

THE CORRUGATED STEEL BAR CO. OF CANADA, LIMITED

Office: Coristine Building, MONTREAL

OF CRIMPED STEEL WIRE

THE STRONGEST, BEST AND CHEAPEST.

If interested write for pamphlet and full particulars.

THE B. GREENING WIRE COMPANY LIMITED

HAMILTON, ONT.

MONTREAL, QUE.

PIPE COMPAN

Some reasons why Wooden Pipe is re-

placing Iron Water Pipe-

Because it is half the price, more durable, easier handled, no frost breaks, no corrosion, no contrac-



Spigot and Faucet Pipe

Flanged Pipe

Turned and Bored Pipe

MADE IN 12' O" LENGTHS 3 TO 48 INCHES DIAM.

CAST IRON WATER & GAS PIPE

MADE IN SEVERAL WEIGHTS PROVED FROM 100 TO 700 LBS.

AND SPECIAL GASTINGS

"THE WORLD'S STANDARD FOR ACCURACY, QUALITY AND FINISH."

WE ARE PREPARED TO QUOTE DELIVERED PRICES, AND MAKE PROMPT DELIVERIES IN ANY PART OF CANADA

L. H. GAUDRY & CO., Canadian Agents for Robt. Maclaren & CO., Glasgow QUEBEC, P. Q.

The Canadian Bridge Co., Limited

WALKERVILLE, ONT.

MANUFACTURERS OF

RAILWAY AND HIGHWAY BRIDGES

Turn Tables, Buildings and ron Work of all descriptions



Pile Driving

on land or water by Steam Pile Drivers or Drop

Portable Boilers, Hoisting En-gines, Pumping Machinery

To Let-3ridge Building, Trestle Work, Wharves, Dams, Diving Submarine Work and General Contracting.

WM. HOOD & SON MONTREAL 10 Richmond Sq.

GANADIAN EMPLOYMENT AGENCY

Licensed Labor Contrac

All classes of labor. skilled and otherwise, supplied at short notice. special attention given to gangs for construction, number camps, etc.

All Orders given Special Attention

The Ontario Accident Insurance Co.

ACCIDENT, EMPLOYERS, ELEVATOR AND CENERAL LIABILITY

104 St. Francois Xavier St. Montreal

Established 1898 The Hanover Portland Cement Co., L'td.

Hanover, Ontario
Manufacturers of the Celebrated

"SAUGEEN" Brand PORTLAND GEMENT

Prices on application.
Prompt shipments.

RAILS For Contractors, Switches, Girders, &c.
New and Second Hand. LOCOMOTIVES CARS

John J. Gartshore 83 Front St. West,
(Opposite Queen's Hotel.) TORONTO

ELECTRICITY

If you desire to keep posted on the wonderful progress that is taking place in the use of elec-tricity for an almost endless va-iety of purposes, you should sub-scribe to the

Canadian Electrical News

and Engineering Journal

A 44 PAGE MONTHLY.

PRICE SI PER YEAR

Write for free sample copy to

The G. H. Mortimer Publishing Go.

Toronto Montreal Winnipeg Vancouver

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 Residence, 1010 Queen St. E.-Phone M. 4636 Office and ya'd, 307 Logen Ave.-Phone M. 2007

WORTHINGTON

FOR WATER WORKS SERVICES



"WORTHINGTON" TURBINE PUMPS

for heads up to 2,000 feet, are Reliable, Durable, Efficient and exceedingly simple 3 3

WE ALSO MANUFACTURE

Boilers, Tanks, Filters

We Have Two Stage Pumps in Operation Delivering Against 160 Pounds Pressure

The John McDougall Caledonian Iron Works Co.,

Montreal.



ed

ES

ck Build-

RECKER

oronto

ne M. 4626

IPS

ers

CEO. H. ARCHIBALD

CONSULTING CIVIL ENGINEER

820 Union Bank Bldg. WINNIPEG, CAN.

Municipal Improvements. ReinforcedConcrete and SteelConstruction

SIMPSON & LEWIS Civil Engineers

Electric, Hydraulic Plants, Waterworks, Sewerage, Bridges. 33 Bank St. Chambers, OTTAWA.

ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY CORPORATIONS Will do well to consider our wand prices before let ting cont The Silica Barutic Stone Company

of Ontario, Limited. WALTER MILLS General Manager.

Head Office : INGERSOLL, ONT.

WE WILL BOND YOU



Contractors instead of asking friends to go on their bonds should have a company act as surety for them.

Write for Particulars

THE UNITED STATES FIDELITY & CUARANTY CO.

6 Colborne Street, Toronto

A. R. KIRKPATRICK, Canadian Manager.

Please mention this paper when corresponding with advertisers.

HE PHOENIX BRIDGE & IRON WORKS, LIMITED

MONTREAL

CENERAL STEEL CONTRACTORS

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

Dominion **Bridge** Co., Ltd.

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

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

Toronto Agent : GEO. B. BVANS, 38 Canada Life Bldg., TORONTO, ONT

The IMPERIAL CEMENT CO.

OWEN SOUND, ONT.

Makers of the Celebrated

Imperia Portland Cement

PORTLAND CEMENT



T. M. Morgan

CKF2CFUL® DIAMOND RKANDS

AS GOOD AS THE BEST FOR ANY PURPOSE

Office and Works: Longue Point, MONTREAL, QUE.



"Lehigh" Portland Cement

Capacity 11,000 Barrels Per Day.

Capacity in 1906 will be 20,000 Barrels per day.

The Lehigh Company are now erecting a plant at Beileville, Ontario, of 4,000 barrels per day capacity. For prices, etc., address—

THORN CEMENT CO. -Buffalo, N. Y. DISTRIBUTORS FOR CANADA.

The Locomotive and Machine Company

NEW YORK OFFICE: 111 BROADWAY N.Y.

Structural Steel

LONG POINT MONTREAL

FOR ALL PURPOSES

BRIDGES

NEW AND SECOND HAND CONTRACTORS' LOCOMOTIVES

STEAM SHOVELS

me et

Principal Office: Imperial Bank Building, MONTREAL

THE CREY AND BRUCE PORTLAND
CEMENT COMPANY

of Shallow Lake, Limited.

Manufacturers of

ULES" PORTLAND CEMENT

Phone No.: PARKDALE 1809.

Post Office and Telegraph Address: SWANSEA.

SEWER PIPE CO., LIMITED HE SWANSEA, TORONTO, ONT.



This is the time to get in your stock before the rush starts.

- VITRIFIED SALT CLAZED -

CERMAN ALSEN, at higher prices than competitors has again this year been awarded the most important contracts of the World

MEXICO CITY
NECAX 4 DAM
(shipping instructions so far 60,000 bbls.) approximate amount
XOCHIMILCO WATER WKS., MEX. approximate
Also enormous quantities for the PACIFIC COAST, AUSTRALIA, ENGLAND, SOUTH AFRICA, &c.

150,000 bbls. 40,000 bbls.

There is always a certain trade who will pay for the best. We also make American Alsen, the highest grade of

CEMENT

45 BROADWAY, NEW YORK CITY

CEMENT



The Toronto Pressed Steel Go., Limited

Toronto and Winnipeg . Manufacturers

Drag Scrapers (Solid pressed bowl)
Wheel Scrapers (pressed or square bowls) Dump Cars, from I to 3 yards Wheelbarrows, Wood or Steel Trays Waggons, Carts, Cement Mixers, Etc.

Prompt delivery from stock at Toronto and Winnipeg Send for complete catalogue. Write nearest office.



****************** Canadian White Company, Limited SOVEREIGN BANK BUILDING, MONTREAL, CANADA

ENGINEERS AND CONTRACTORS

Steam and Electric Railroads; Electric Light and Power Plants; Building Construction: Water and Gas Works: Docks, Harbor Works, etc., etc.

CORRESPONDENTS

I. G. WHITE & COMPANY, INC.

J. G. WHITE & COMPANY, LIMITED, London, England

WARING-WHITE BUILDING CO.

to the about a decide about ab One Grade

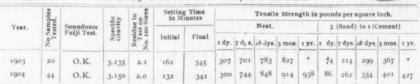
"The Cement of Quality"

The Highest



NATIONAL Portland Cement

The City Engineer of Toronto for 1903-4 Note the High Grade of National. Compare it with others.



* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

THE BEST IS THE CHEAPEST

The National Portland Cement Company

Toronto Sales Office: 22 Janes Building

Limited

Head Office and Mills: DURHAM, ONTARIO

Municipal and Other Bonds

Highest Prices Paid. G. A. STIMSON & CO.

24 and 26 King Street West - TORONTO

Please mention this paper when

corresponding with advertisers

and Debentures Bought

✓ FROST-PROOF CULVERT PIPE

We have on hand large stocks of 6, 8, 10, 12, 15, 18, 21, 24, 27, 30 and 36 inch well matured

Reinforced Concrete Culvert and Sewer Pipe

#9-FROST-PROOF AND PRACTICALLY INDESTRUCTABLE

Larger sizes rade to order—We also make an Oval or Egg shape Sewer Pipe $2' \times 3'$ for City and Town Sewers

RAILWAY CULVERT PIPE A SPECIALTY-Orders Solicited THE DOMINION CONCRETE CO., LIMITED, KEMPTVILLE, ONT.

JAMES THOMSON, President. J. G. ALLAN, Vice-President. JAMES. A. THOMSON, Secretary. ALEX. L. GARTSHORE, Treasurer.

ISON PIPE & FOUNDRY CO.

Manutacturers of

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.

Montreal Pipe Foundry Co., Limited

Flange Pipe Branches

CAST IRON PIPE

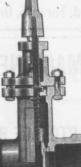
Valve Bexes Water

Works Supplie

(LACHINE, QUE. Works at: THREE RIVERS, QUE & Combined daily capacity

HEAD OFFICE CANADA, LIZE BUILDING.

MONTREAL



**GLENFIELD & KENNEDY, LTD** 

Sluice Values, Air Values, Relief Values, Hydrants, Stand-Posts AND ALL CLASSES OF WATER FITTINGS

ACCUMULATORS, PUMPS, HYDRAULIC MACHINERY

PENSTOCKS, FLUSHERS, SEWERAGE FITTINGS

KENNEDY'S PATENT WATER METERS. Over 165,000 in use.

ASHLEY'S PATENT DEEP-WELL PUMPS

Canadian Representative : John T. Farmer.

Coristine Building, Montreal

Suice Valve

capital \$40,000, to manufacture ware, galvanized ware, etc. Directors, S. R. Turner, R.T. Asher, and others. Directors.

Cwen Sound Brick Co., Owen Sound, Ont., incorporated, capital \$40,000. Directors, J. Leshe, J. Legate, R. Wylie, and J. Ross.

Galt Malleable Iron Co., Galt, Ont., incorporated, capital \$100,000. Dire N.N. Todd, J.H. Friar, and others.

Montreal-Cobalt Mining Co., Toronto, Ont., incorporated, capital \$500,000. Di-rectors, H.B. Wills, W. Vandusen, W.D. Scott, and others.

Shakespeare Development Co., Sault Ste. Marie, Ont., incorporated, capital \$300,000. Directors, J. Miller, H. W. Evenden, and others.

Silver City Mining Co., Toronto, inc porated, capital \$350,000. Directors, H. S. Prichard, J. Lewis and F. Watt.

Flesherton Hotel Co., Flesherton, Ont., incorporated, capital \$10,000. Directors, W. A. Arms rong, F. G. Carstedt, and others.

Wonderland Silver Mining Co., Windsor, Ont., incorporated, capital \$250,000. Directors, F. Schoonmaker, E. Peabody, and others, all of Detroit, Mich.

Cover Your Pipes With

### ENGLISH MINERAL WOOL Of Superior Quality.

ALBERT CHAMBERLAIN. TORONTO. 101/2 Terauly St. Sole Agent

The Electric Blue Print Co. Hospital Street, MONTREAL

**BLUE PRINTS** POSITIVE BLUE PRINTS BLACK PRINTS **MULTI-COLOR PRINTS** 

Best Finished Work on the Market at the Lowest Prices.

## Men for Gontractors

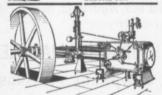
thone WINNIPEG, MAN, Main St. Men of all descriptions furnished on notice for railroad and building contracts.

E. E. BRYANS & CO.

#### FIRE LADDERS

Our Waggoner extension and other fire ladders are rein-forced with steel wire truss-ing making them at once the Strongsstand the Lightest, as they are the Chespest Firemen's ladders in the market. They are also the Outleast operated, a matter of vital moment in frieighting. Sefest and simplest pro-duced. Clerks, Councils and Fire-Chiefs, write for cir-cular, &c.

The Waggoner Ladder Co., Ltd London, Ont.



LEONARD CORLISS ENGINES
Girder Frame and
Heavy Duty Styles
LEONARD AUTOMATICS
AND BOILERS

Alphaduct Manufacturi.ig Co., Toron-to, Ont., incorporated, capital \$40,000. Directors, F. B. Johnston, C. W. Bon-gard and S. Johnston.

Dominion Lumber Co., Ont., incorporated, capital \$100,000. Directors, W. Holmes, J. M. Thompson, F. J. Trudell, of Menominee, Mich., and

Dwyer-Stevenson Co., Ottawa, Ont., incorporated, capital \$50,000, to manufacture and deal in timber, lumber, etc. Promoters, W. H. Dwyer, Ottawa; J. J. Stevenson, Tyvan, Sask., and others.

Davis Acetylene Company, Limited, Toronto, Ont., incorporated, capital \$50,000. Directors, W. B. McMurrich, J. H. Northey and W. P. Murray.

A. & E. LOIGNON, C. E.

17 Place D'Armes Hill, MONTREAL

### REINFORCED CONCRETE CONSTRUCTIONS

Fireproof Buildings, Hydraulic and Public Works
Steel Structures for Bridges ad Buildings
Waterhouses, Factories, Water Power Development

Climax Low Down Portable All Steel Crushers

sires Portable as per cut. 2 sizes Stationary. Send for 1906 prices.

Climax Road Machine Co. Hamilton, Canada



## Crushed Stone and Slag

Best for Concrete. Any quantity shipped promptly. Get our prices. Long distance phone 286.

Doolittle & Wilcox, Limited, Hamilton

Office 75 Cottingham Street Ye.rds 75-81

2254525252525252525252525252525



The Recognized Standard for Sidewalks

A strictlyHigh-Grade Portland Cement. Pronounced by prominent contractors to be the most Uniform Portland Cement on the market.

Capacity 5,000 bbls. per day. One Quality Only.

The Toronto Pottery Co., Limited, Toronto, Ont.

## MACHINERY

14 Distinct types of Mixers 3 Types of Measurers and Feeders for Concrete aggregates

DERRICK BOXES

STORAGE BINS

&C., &C., &C.

SEND FOR CATALOGUES

E. LEOMARD & SONS, LOHDON, CANADA E. F. DARTNELL, MONTREAL

April 18 The CHAMI

وحتوط

The

Mur Bric

The

The Good Roads Machinery Co., Limited, Hamilton, Canada CHAMPION" Full Line of Road Making Machines. THE VERY BEST Send for Descriptive Catalogue and Record

The British Golumbia General Contract Company, Limited

Telegraphic Address: "Dredging" Fairfield Building, VANGOUVER, B. G.

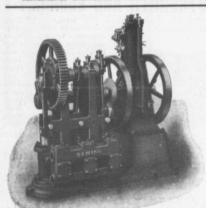
Fairfield Building, VANGOUVER, B. G.

**ENGINEERS and CONTRACTORS** 

Municipal Works and Buildings

Concrete Construction Harbor Works

Dredging and Reclamation



TRIPLEX POWER PUMPS **DUPLEX STEAM PUMPS** SINGLE CYLINDER STEAM PUMPS

For every service

Our 110 page Catalogue "G" containing a great deal of valuable information will be mailed on application

DARLING BROTHERS, LIMITED

Reliance Works : MONTREAL

WE BUILD

# STRUCTURAL STEEL

**Bridges**, Viaducts and every other purpose

5,000 Tons in Stock

PLATES, ETC.

Stock lists furnished on application

The HAMILTON BRIDGE WORKS COMPANY, Limited

HAMILTON, CAN.

April 18

### BANCO ZAROSSI

Italian Licensed Labor Contractor 460 St. James St., MONTREAL

All kinds of Italian Laborers furnished on short notice.

## T. A. MORRISON & CO.

204 St. James Street

MONTREAL

Stone Crushers and Grinders Steam Road Rollers Fire Engines, Steam and Gasoline Concrete and Macadam Stone

The

## **SOLAR SPECTRUM**

alone is richer than the

### ACETYLENE

A prominent Montreal business man who has recently installed one of our

### ECLIPSE GENERATORS

states: "It has doubled the value of my property"

LET US QUOTE YOU

WRITE US FOR PRICES

The Continental Heat & Light Co.

MONTREAL

## Blue Lake Brand Portland Cement

THE ONTARIO PORTLAND CEMENT GO. LIMITED. **HEAD OFFICE: BRANTFORD, ONT.** LONG DISTANCE 'PHONE 94

67 to 91 Pearl Street, Toronto, Cht.

### STRUCTURAL IRON WORKS

Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc., Etc. SOLE AGENTS FOR DUPLEX HANGERS WRITE FOR ESTIMATES.

### LICHTNESS, STRENGTH AND ECONOMY

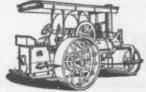


Prompt attention given all inquiries. All goods built to order.

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

"WATEROUS"

## ROAD MACHINERY AND FIRE APPARATUS



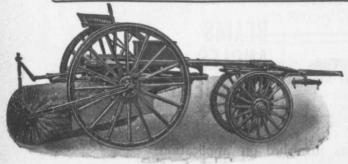
FIRE ENGINES in five sizes, with a full line of firefighting goods

We Rebuild other makes of Fire Engines with our patent Boiler.

### BRANTFORD PITTS DOUBLE ENGINE STEAM ROAD ROLLER

IN THREE 81ZE8-10, 12 and 15 ton. CORRESPONDENCE SOLICITED.

HUGH CAMERON & CO., Selling Agents, Manning Chambers, TORONTO





Studebaker Sprinkler

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

IMPROVED VERTICAL SPRAY

Geo. Heaman, Mnfr., London, Ont

for Munic geologica

COI

Driller

Wells.

Long Dis

tackpole Patent Improve Street Sweeping Machine to the Standard of Perfection

ent

MITED.

ED

Iron

Village hemical Trucks Com-

Hose
n Hook
ts and
ical Enuishers,
Vagons,
y Waglunners,
e Fight

ERVILLE IT.

US

LLER

ONTO



tdth of spray

evements.

on, Ont

THE

### Matthews Fire Hydrant

Is the recognized Standard Hydrant, and is the easiest Hydrant to keep in order.

Our Hydrants are thoroughly ested before shipment, and are of substantial proportions and weight.

Have your Engineer specify "The Matthew's" and get our tender.

THE KERR
ENGINE CO.,
LIMITED

- - - MACHINE BANDED WOOD STAVE WATER PIPE -



High pressure pipe for Water Works Systems, irrigation power plants, etc. Sises 2" to 24", half the cost of cast iron. Write for Catalogue.

PACIFIC COAST PIPE CO., LTD. Box 563, Vancouver, B. C.

## W. & F. P. CURRIE & CO.

345 St. James St., Montreal

SEWER PIPES,

CULVERT PIPES, ETC.
VENT LININGS,
Flue Covers,

FIRE BRICKS,
FIRE CLAY,
WHITING.



PORTLAND CEMENTS,

HIGH GRADE ENGLISH

" GERMAN
" BBLGIAN
PLASTER OF PARIS
BORAX,

CHINA CLAY.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

## J. HARVEY

CONTRACTOR PETROLIA, ONT.

Driller of Oil, Gas, Salt or Artesian Wells. Deep Wells a Specialty.



Contracts taken in any part of Canada. Several years experience in Artesian Wells for Municipal Water Works. Estimates or geological information cheerfully furnished. REFERENCES GIVEN FAIR BANKS
WATER VALVES
HYDRANTS and
WATERWORKS
SUPPLIES

OF ALL KINDS

N.B. THE LARGEST VALVE IN THE WORLD

is a Fairbanks Gate Valve 109 in. opening in use at Niagara Falls. We will send a picture of this valve free on request.

Send for Value and Hydrant Catalogue



The Canadian Fairbanks Co., Limited

# "RAVEN" PORTLAND CEMENT

- Unexcelled for Strength and Uniformity -

RAVEN LAKE PORTLANDCEMENT CO.

Long Distance Telephone: RAVEN LAKE, ONT.

Tejegraph and Post Office Address: VICTORIA ROAD, ONT

April

### WILLIS CHIPMAN

Hon. Grad. McGill University.
M. Can. Soc. C.E. M. Am. Soc. C.E.
WATERWORKS, SEWERAGE WORKS, GAS
WORKS, SELECTRIC LIGHT AND
FOWER PLANTS
Reports, Surveys, Construction, Valuations

103 BAY STREET - TORONTO

Cable : Ackcoll

### J. J. COLLINS B.A.S., C.E., M.E., E.E.

Consulting Engineer Room 17, Sparks Chambers Ottawa, Ont., Canada

### LEA & COFFIN

and H. S. FERGUSON

ENGINEERS

Waterwerks, Sewerage, Water Powers Pulp and Paper Mills

Coristine Building - MONTREAL

### 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 Fewer Plants. Estimates. Tests. Reports. Valuations.

so-83 Jaco Building - TORONTO, CAN. Long Distance Telephones-Office and Residence Cable Address "Rodparke" (W. U. Code.)

### **Paving Granite**

Granite Sets for Street Paving —CURBING cut to any shape ordered. — Pine Rich Colors for Building and Monumental Purposes. Quarries, 8t Phillipe d'Argenteull, P.Q.

Address all communications to

JOS. BRUNET - COTE DES NEIGES, MONTREAL

### John H. Jackson

CIVIL ENGINEER

WATER POWER, ELECTRIC RAIL-WAYS, STRUCTURAL STEEL. Niagara Falls, Canada

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

A. W. Connor, B.A., C.E. E. R. Clarke, B.A.Sc. W. Monds, B.A.Sc.

### CONNOR, CLARKE & MONDS

CONSULTING ENGINEERS
Hydraulic, Municipal and Railway Work; Long
Listance Power Transmission; Machinery;
Pumps; Complete Industrial Plants; Fireproof Steel or Reinforced Concrete Office and
Mill Buildings; Bridges, Towers, etc.
CEMENT TESTING LASORATORY
36 TORONTO ST. TORONTO, ONT.

## **300**

Employed in cement walks, kerb and gutter, Paving and Building Construction. We can do work QUICKER, CHEAPER, BETTER, than small contractors.

FOREST CITY PAVING COMPANY, B. V. HOLE, MANAGER

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

### ASPHALT BLOCK PAVING

Main Office : WINDSOR, ONT. Works : WALEBRVILLE, ONT



## Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOP DISCOUNTS

ST. JOHNS, P.Q.

HAMILTON, ONT.

TORONTO, ONT.

## SUPPLY APPLIANCES

Specialty Municipalities, Systems Corporations, Residences, Sprinkler For



Wood and Steel Tanks, Steel Substructures. Windmills, Pumps, Gasoline Engines, Hydraulic Engines, Etc.

ONTARIO WIND ENGINE AND PUMP CO., LTD. WINNIPSG TORONTO



GO

B.A.Sc.

ONT.

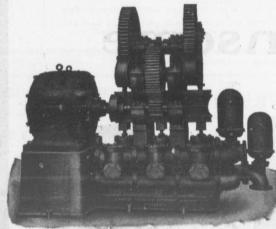
T'D.

pes

ONT.

# Triplex Power Pumps

Belted or Direct-Connected to Electric, Steam or Gas Motors



Highly recommended where a constant delivery of water under pressure is desired.

All styles and sizes for all duties.

A full line of waterworks' supplies carried in stock.

Write for Catalogue.

C. G. E. Motor Direct-Connected to Double Acting Triplex Pump.

## CANADA FOUNDRY CO., Limited

Head Office and Works: TORONTO, ONT

District Offices : MONTREAL

HALIPAY

OTTAWA

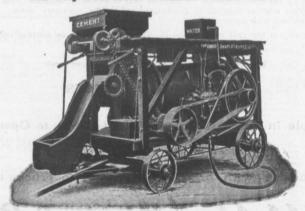
WINNIPEG.

VANCOUVER

ROSSLAND

## Ideal Automatic Concrete Mixers

The Only Successful Automatic Mixer Made



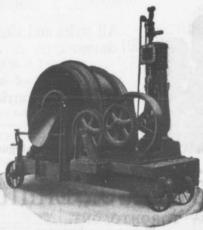
We also manufacture Windmills, Tanks and Towers for Waterworks, Fire Protection, Etc.

WE INVITE CORRESPONDENCE

GOOLD, SHAPLEY & MUIR COMPANY, LIMITED BRANTFORD, CANADA

It is Better
To Purchase a

Ransome



Note Heavy Gears.



Note Low Feed and High Discharge.

## Than to wish you had

We are offering without any manner of doubt, the very best and most up-to-date Concrete or Mortar Mixer on the market to-day. A machine that is distinctly different from all others. It is the simplest machine that can be constructed to do the necessary work. It will mix mortar and concrete with equal efficiency.

They mix speedily at low cost as you save the labor of two men, as material only has to be handled once.

You can easily save \$18.00 to \$20.00 per week

Ransome Mixers

8.00

Simple in Construction-Efficient-Easy to Operate

Saves time—labor—money and are supplied

All Capacities-With or Without Power-on Trucks or Skids

F.H. Hopkins & Co.

MONTREAL

Dunn Bros. @ Company, Winnipeg Agents