

CANADIAN Contract 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. 16.

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No. 14

THE CANADIAN CONTRACT RECORD PUBLISHED EVERY WEDNESDAY

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38 Alliance Building, Montreal,
Telephone Main 2399.

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22 Great St., Helen's, London, England.

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TENDERS WANTED

For concrete sidewalks on several streets in Beausville Village. Tenders to be opened JUNE 12th, 1905. For particulars apply to
H. V. ROBINS,
Beausville, Ont.

TOWN OF MEDICINE HAT TENDERS WANTED

The Town of Medicine Hat has the following four lots of Municipal Debentures for sale, for which tenders will be received up to 9 o'clock on the 19th DAY OF JUNE, 1905:

\$12,000.00 Natural Gas,
\$20,000.00 Water-works,
\$30,000.00 Municipal Building,
\$2,000.00 for the purchase of the New Edinburg Natural Gas well, Gas and Water plant.

These four lots of Debentures all date from the 1st of August, 1905, bear interest at 5% and are repayable in 20 equal annual instalments of principal and interest. For particulars address the undersigned. The highest or any tender not necessarily accepted.

W. N. ADSIT, Secretary-Treasurer,
Town of Medicine Hat

TENDERS WANTED

For concrete work on boundary line between the Counties of Waterloo and Wellington.

CONCRETE PIER

Chamber's Bridge over Grand River, about five miles below Elora.

CONCRETE ARCH

20 ft. span over small stream near Winfield. Plans, specifications and forms of tender may be obtained from the undersigned or from Jas. Beattie, Esq., County Clerk, Ferguson, Ed. Gainer, Esq., Arthur, and Leander Bowman, Esq., Winterbourne.

Tenders must be in the hands of the undersigned by noon on TUESDAY, JUNE 6th, 1905, and will be opened same day at Court House, Guelph. The lowest or any tender not necessarily accepted.

HERBERT J. BOWMAN,
Civil Engineer,
Berlin, May 18th, 1905.

TENDERS

Will be received by the undersigned for the various trades required in the erection of a Branch Office on Yonge Street, Toronto, for the Canadian Bank of Commerce.

Plans may be seen on and after Thursday, June 1st, and tenders will be received up till noon SATURDAY, JUNE 10th.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

TENDERS

Will be received by the undersigned up till noon on WEDNESDAY, JUNE 7th, for all the various trades required in the erection of a Branch Office at Bloor and Yonge Streets, Toronto, for the Imperial Bank of Canada.

The lowest or any tender not necessarily accepted.

DARLING & PEARSON, Architects,
2 Leader Lane, Toronto.

Contractors' Notice

Tenders are invited until JUNE 7th 1905 for the following works to be done in the City of Calgary —

Laying 2 miles of 6" water main.
Laying 1½ miles tile sewer.
Laying 90,000 square feet concrete sidewalks with curb and gutter.

Specifications and form of tender may be obtained from the City Engineer, Calgary.

F. W. THOROLD, B. A. Sc.,
City Engineer, Calgary.

TOWN OF OSHAWA

Province of Ontario

NOTICE TO CONTRACTORS

Sealed tenders will be received by the Secretary of the Board of Water Commissioners until 8 p. m. on JUNE 12th, for laying a 12 inch Cast Iron Submerged Intake Pipe, about 1,150 feet in length, for the Oshawa Water Works system. Plans and specifications may be seen at the office of the Chief Engineer, 103 Bay Street, Toronto, and at Oshawa.

No tender necessarily accepted.

THOS. MORRIS, ESQ.,
Sec. Board of Com.
Oshawa, Ontario.

WILLIS CHIPMAN, C.E.,
Chief Engineer,
103 Bay Street,
Toronto.

W. F. COWAN, ESQ.,
Chairman Board of Com.,
Oshawa, Ontario.

TENDERS

Sealed tenders will be received by Mr. Wm. Davidson (County Clerk of Perth) up to 12 o'clock a. m., TUESDAY, the 6th DAY OF JUNE, for the construction of a Steel Bridge to be built across the Thames river at the town line of Fullarton, Blanshard and Downie, span = 138 ft. c. to c. end pins.

Also for the construction of approaches to the said bridge. The contractor to furnish all material, etc. An accepted bank cheque payable to the Treasurer of the County of Perth for the amount of 5 per cent. must accompany each tender, the same to be forfeited if the tenderer declines the contract or fail in the performance thereof, and to be returned in case of non-acceptance.

Plans and specifications for each contract may be seen at the County Clerk's or Engineer's offices.

The lowest or any tender not necessarily accepted.

JOHN ROGER, Engineer,
Mitchell, Ont.

City of Winnipeg

PROPOSALS FOR SUPPLY OF ELECTRIC POWER AND WATER POWER LOCATIONS

The City of Winnipeg invites proposals for the supply of Electric Power upon certain conditions, a copy of which may be obtained upon application at this office, and also proposals from parties who own Water Powers for the sale to the City of such Water Power.

The proposals shall be addressed to Aid. J. W. Cockburn, Chairman of the Special Power Committee, and will be received at the office of the undersigned up to 12 o'clock noon on Monday, June 12, 1905.

ELECTRIC POWER.

The maximum quantity of power to be used at any time will be 1,500 horse power.

The power is to be delivered to the City at a point to be agreed upon, east of Main Street, and will be paid for by the City monthly, the quantity used will be determined by Watt Meters placed on the City's incoming switchboard. Any party or company tendering for the right or franchise in the City under the conditions herein referred to shall submit with such tender a deposit in cash or marked cheque of \$5,000. In case of acceptance of such tender the contractor shall deposit an additional \$20,000 within thirty days; said two sums to be retained by the City as security for the completion of the company's works to develop the Water Power and for the works and plant necessary for the transmission of same to the City.

WATER POWER LOCATIONS.

In addition to the above the City will receive proposals from parties who own Water Powers for the sale to the City of such Water Power, such proposals to be accompanied by plans showing the location of such Water Powers and any works of development which may be done upon them.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk
City Clerk's Office,
Winnipeg, Canada, May 13th, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS WANTED

Whole or separate tenders for all trades will be received until the 30th OF JUNE, at 12 o'clock noon, for the erection of a foundry and machine shop for the Fairbanks Morse Canadian Manufacturing Company. No tenders necessarily accepted.

J. A. ELLIS, Architect,
209 Manning Chambers, Toronto.

TENDERS

FOR
SUPPLY OF WATER PIPE AND
SPECIALS AND WATER
METERS

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the supply of Water Pipe and specials of various sizes for High Pressure Fire service, and for the supply of the following quantities of Water Meters, viz.:

500 one-half inch Meters,
200 three-quarter inch Meters,
50 one-inch Meters.

will be received at the office of the undersigned up to 3 30 p. m. on MONDAY, JUNE 5th, 1905. Specifications and forms of tender may be obtained at the office of H. N. Rutlan, City Engineer, Winnipeg, Canada.

Each tender must be accompanied by an accepted cheque, draft or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the successful tenderer to enter into a written contract with approved sureties if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk.

City Clerk's Office,
Winnipeg, Canada, May 15th, 1905.

CONTRACTS OPEN.

DUNDAS, ONT.—Peter McGovern intends building a residence on King street.

TOTTENHAM, ONT.—A waterworks system for fire protection may be constructed.

PHOENIX, B.C.—J. Marshall will erect a 3-storey frame hotel costing about \$20,000.

RIVERHEBERT, N.S.—The Strathcona Coal Co. will build a number of miners' cottages.

ZURICH, ONT.—About 6,000 square feet of granolithic sidewalks will be constructed this summer.

PONOKA, N. W. T.—The question of installing waterworks and electric light is under consideration.

BRANDON, MAN.—A 4-storey addition will be built to the Bank of British North America.

NIAGARA FALLS, ONT.—Fred Menzie will build a residence at corner of First ave. and Jepson street.

ELMVALE, ONT.—The by-law to raise \$3,500 to build granolithic sidewalks was carried unanimously.

SUSSEX, N.B.—The erection of a new school building costing about \$20,000 has been recommended.

HULL, QUE.—F. M. Hamel, City Engineer, is this week taking tenders on construction of tile pipe sewers.

GLACE BAY, N.S.—The ratepayers have voted in favor of raising \$125,000 for extension of waterworks system.

WESTMOUNT, QUE.—A new Catholic church will be built at corner of Greene ave. and St. Antoine street.

RENFREW, ONT.—Tenders desired by J. H. Walford, up to June 12th, for heating Central school with hot water.

SARNIA, ONT.—M. R. Burrows, architect, will prepare plans for improvements to St. George's church, cost about \$1,800.

MACGREGOR, MAN.—T. R. Vardon desires tenders by June 3rd for erection of municipal hall, concrete or brick, 24 x 30 feet.

ATHENS, ONT.—James Ross wants tenders by June 3rd for erection of public school. Plans by B. Dillon, architect, Brockville.

LISTOWEL, ONT.—The new Carnegie library will be constructed of cement blocks and roofed with slate. W. E. Binning, architect.

OTTAWA, ONT.—The management of the Russell House have decided to build an 8-storey addition at a cost of about \$100,000.

KINGSTON, ONT.—The City Council have decided to submit a by-law to the ratepayers to provide \$3,400 to extend O'Kill street sewer.

CLINTON, ONT.—Stewart & Taylor, architects, of Brantford, are preparing plans for the factory to be built here by the Clinton Knitting Co.

ALTONA, MAN.—The Mennonite Educational Institute Association have decided to build a modern institute here, at an estimated cost of \$20,000.

EDMUNDSTON, N.B.—Surveys are being made for a waterworks system by gravitation from a brook 2½ miles distant; approximate cost, \$40,000.

STANSTEAD, QUE.—Geo. D. Story, architect, Newport, Vermont, has prepared plans for a gymnasium at Stanstead College, brick, 42 x 70 feet.

BELWOOD, ONT.—R. McGregor wants tenders by June 3rd for erection of Presbyterian church, 50 x 100 feet, contractors to furnish their own plans.

OTTAWA EAST, ONT.—The contract will be awarded this week for erection of four-room school. Plans by the Architectural & Engineering Co., Ottawa.

VALLEYFIELD, QUE.—The City have decided to install an electric light plant and have engaged Charles Brandeis, C.E., of Montreal, as consulting engineer.

MEAFORD, ONT.—The Fire, Water & Light Committee have been requested to submit an estimate of the cost of installing and operating a municipal electric light plant.

VICTORIA, B.C.—It is reported that the Imperial authorities contemplate the restoration and enlargement of the military establishment at Esquimalt, at a cost of about \$1,500,000.

EAST TORONTO, ONT.—The Maestro Piano Co. agree to spend \$30,000 in building a factory if given exemption from taxation for ten years, free water, and a loan of \$10,000.

NEW WESTMINSTER, B.C.—The Fraser River Tannery Co., represented by D. J. Fader, are having plans prepared for new tannery, work on which will be commenced within a fortnight.

COLLINGWOOD, ONT.—John Wilson, architect, is preparing plans for new Y. M. C. A. building to be built at corner of Pine and Third streets.—D. A. Bell will erect a residence on Fifth street.

ST. THOMAS, ONT.—By-laws have been passed by the Council authorizing the issue of debentures for \$4,500 for rebuilding of St. George street bridge and \$28,000 for waterworks improvements.

NORTH SYDNEY, N.S.—The St. Lawrence Coal Co. will install a plant with a capacity of raising 500 tons of coal a day. Charles Brandeis, of Montreal, has been retained as consulting engineer.

KINCARDINE, ONT.—John McCrimmon, Chairman High School Committee, desires tenders by June 7th for additions to High school. Plans by Stewart & Witton, architects, Hamilton.

TORONTO JUNCTION, ONT.—Operations will be commenced at once on the proposed abattoir near the Union Stock Yards, estimated to cost \$200,000. Gunn Bros., Toronto, are interested.

ST. JOHN, N. B.—It is reported that the C. P. R. will construct a bridge across the river here.—It is probable that the new Y.M.C.A. building will not be commenced until the full \$60,000 is subscribed.

BRACEBRIDGE, ONT.—Willis Chipman, C.E., of Toronto, was here last week in connection with his report on an extension to the waterworks system. A new pump will likely be purchased.

STRATFORD, ONT.—Orr & Russell, architects, are preparing plans for new building for Straford Wholesale Grocery Co., corner Downie and George streets, 40 x 90 feet, 2 stories, cost \$5,000.

PEMBROKE, ONT.—The Pembroke Electric Light Co. are negotiating for purchase of Black river water power with the object of developing it and transmitting electric energy to Pembroke.

PETERBORO, ONT.—William Blackwell, architect, has completed plans for new hotel at Burleigh Falls for Thomas Darcy, 70 x 40 ft., 3 stories, brick, containing 33 bedrooms, lighted by acetylene gas, hot air heating.

CHATHAM, ONT.—J. L. Wilson & Son, architects, have prepared plans for buildings to be erected by the Chatham & Wallaceburg Electric Railway Co.—J. H. Glassford will commence work immediately on his new hotel.

AMHERST, N.S.—The Hewson Woollen Co. propose building a 50-foot addition to their factory, 3 stories, brick and stone.—M. B. Vail will erect a 4-storey brick and stone block at corner of Eddy and Victoria streets.

STE. ANNE'S, QUE.—Prof. J. W. Robertson states that contracts will be let within a few days for the several buildings which will constitute the Agricultural and Training College to be built here by Sir William Macdonald.

ST. BONIFACE, MAN.—The Royal Canadian Flour Mills Co. propose to erect a mill costing upwards of \$200,000. James Fisher is their solicitor.—It is understood that the A. Kelly Milling Co., of Brandon, have decided to erect a 3,000 barrel flour mill here.

ST. CATHARINES, ONT.—The Department of Railways and Canals, Ottawa, want tenders by June 7th for supply of stone and placing of stone protection along certain portions of the canal between Thorold and Port Colborne. Plans at the Superintending Engineer's office here.

WINGHAM, ONT.—The City Council have decided to submit a by-law to the ratepayers to raise \$12,000 for extension of waterworks system, also fixing the assessment of the Canada Furniture Manufacturers Co. at \$25,000 provided they erect a 3 storey building 64 x 70 ft., with basement.

GUELPH, ONT.—McPhie & Mahoney, architects, are asking for tenders for 3-storey addition to Victoria Hotel for Thomas Ward.—J. Hutcheon, C. E., will receive tenders up to June 6th for building a concrete arch bridge of 35 ft. span on town line between Garafaxa and Luther, also for concrete abutments for Saunders bridge.

BARRIE, ONT.—Tenders for erection of reinforced concrete arch bridge over Mad river near Glen Huron, also for bridge with stone abutments and steel superstructure at same place, will be received by D. Quinlan up to June 5th.

Plans at office of John Wilson, Collingwood.

LONDON, ONT.—The congregation of new St. James Presbyterian church have decided to build a new gallery.—The Southwestern Traction Co. have decided to enlarge their power house.—The Wellington street Methodists have decided to erect a new Sunday School building at cost of \$10,000.

INDIAN HEAD, N.W.T.—A by-law to borrow \$150,000 for electric lighting, waterworks and sewerage was carried almost unanimously. Contracts will be let at once for the work of bringing the water from the Squirrel Hill and for building a reservoir, dam, and power house. John Galt, Toronto, chief engineer.

MOOSE JAW, N. W. T.—Plans are being prepared for a 2-storey brick block, 50 x 70 feet, for Doctor Bros.—Charles Mills, architect, desires tenders by June 1st for erection of office building for Bank of Hamilton.—The Council will receive tenders up to June 12th for sewer and water connections.—An extension of the electric light system is under consideration.

FORT WILLIAM, ONT.—The contract for the Ogilvie mill will likely be awarded this week.—J. C. Stinson, architect, desires tenders by June 3rd for erection of brick veneered dwelling for C. J. Walsh.—The Kakabeka Falls Power Co. will proceed immediately with construction work. H. S. Holt and C. R. Hosmer, of Montreal, are interested, and R. S. Kelsch, of same city, has been appointed chief engineer.

EDMONTON, N. W. T.—Tenders will shortly be invited for new Canadian Northern Railway station.—Mr. Semerad, proprietor of St. Elmo Hotel, purposes building a 3-storey brick hotel.—Calhoun & Ferguson purpose building a large hotel on First street.—Plans have been received here of the proposed route for the C.P.R. extension of the C. & E. line across the river into the city. It is expected that a high level bridge about 1,500 feet in length will be constructed.

PORT ARTHUR, ONT.—The new Canadian Northern Railway station will be of brick and stone, 132 x 34 feet, steam heated, electric lighted, cost upwards of \$30,000.—The congregation of St. Andrews R. C. church have decided

to build a new edifice, of stone, work to be commenced next spring.—The town will build another dam on Current river, Engineer McDougall having reported that such a dam would give the town over double the storage capacity now obtained. The electric plant will also be increased.

HAMILTON, ONT.—Fuller Clafin, architect, New York, will award contracts this week for additions and improvements to the Grand Opera House.—The following building permits were granted last week: Union Drawn Steel Co., addition to factory, cost \$5,000; R. & J. Poag, two brick dwellings, Wentworth street, cost \$3,400; M. McCallum, brick dwelling, North street, cost \$2,200; Dr. Hess, residence, corner East ave. and Barton street, cost \$3,500; John Demara, three brick houses on Sherman ave., cost \$2,500.

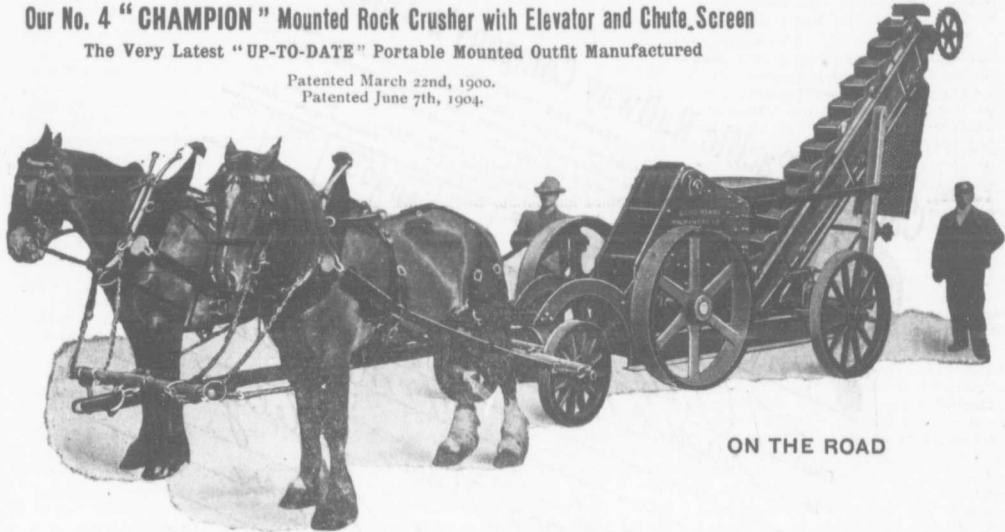
VANCOUVER, B.C.—W. H. Archer, architect, is this week taking tenders on a frame residence for A. G. McKenney, also for new St. Paul's church.—The British Columbia Telephone Co. have purchased property on Seymour street, between Dunsmuir and Pender streets,

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and will erect a 3 storey and basement Central exchange.—It is probable that an appropriation will be made by the City Council for the partial construction at least of an addition to the waterworks reservoir during the present summer.—Plans have been received of the proposed works to be constructed by the Stave Lake Power Co. William Kennedy, C.E., Montreal, will design the hydraulic work and R. S. Kelsch, C.E., Montreal, the electric plant.

WINNIPEG, MAN.—Building permits to the value of \$3,843,625 were issued up to May 20th of this year.—F. A. Palmer is this week taking tenders on a pair of houses on Furby street.—John Leslie will let the contract this week for a 6-storey and basement building in rear of his large Main street store.—C. J. Brown, City Clerk, desires tenders by Tuesday, June 6th, for the supply of 1,500 cords of cedar blocks.—Bulman Bros. are having plans prepared for a 7-storey building to be erected on corner of Albert street and Bannatyne ave., to cost about \$80,000. The basement and first two stories will be built this season.—J. H. Cadman, architect, is taking tenders on a brick and stone hotel, corner Main and Sutherland Ave., for J. H. Kern.—The executors of the A. McIntyre Estate have practically decided to add four stories to the McIntyre block on Main street, to be constructed of grey stone. Plans will be prepared immediately.—J. D. McIntyre, 602 McIntyre Block, is taking tenders on six residences in Norwood.—The Sons of England will erect a hall on Rupert street.—D. S. Curry, City Comptroller, desires

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MARSH & HENTHORN Belleville, Ont.

bids by Friday, June 16th, for purchase of \$1,209,875.42 4 per cent. debentures.—The School Board are offering for sale \$100,000 of 4 per cent. debentures. Bids received up to June 27th.—J. H. G. Russell, architect, is taking tenders on a stone, brick and frame residence on Wellington crescent for W. B. Sterling.—The congregation of Point Douglas Presbyterian church have instructed James McDiarmid, architect, to prepare plans and call for tenders for new edifice, stone foundation, brick walls, cost about \$18,000.—Darling, Pearson & Over desire tenders by June 8th for erection of building at Indian Head for the Union Bank.

MONTREAL, QUE.—L. O. David, City Clerk, desires tenders by noon of June 1st for erection of new fire station, corner of Boyer and Beaubien streets. Plans at office of Joseph Sawyer, architect.—Hon. Mr. Prefontaine, Minister of Marine, has announced that the Government will shortly establish a dry dock in the Montreal district.—J. J. Browne &

Son, architects, have prepared plans for a \$50,000 music hall to be built upon the Roberts property on Stanley street by Frank H. Norman.—Ernest Marceau, Superintending Engineer of Quebec Canals, desires tenders by June 6 for supply of cement, timber, cast and wrought iron, hardware, tools, etc., required during the year.—O. Dallaire has made the announcement that the Quebec Government intend to establish an agricultural college in the near future, at a cost of nearly \$1,000,000.—The City Clerk will receive tenders up to June 18th for construction of sewers on Davidson street, from Forsythe to Hochelaga street, and on Resther street, from Bienville to Gifford street.—It is understood that the St. Catherine street property bought recently by Hon. George A. Cox will be built upon for the up-town offices of the Canadian Bank of Commerce, Canada Life Insurance Co. and National Trust Co.—The following building permits have been granted: Mrs. A. Gibault, two wood and brick

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dwellings, Desery street, cost \$8,200 ; Alexandra Hospital, brick and stone dwelling, Charron street, cost \$185,000 ; Jno. Johnston, two wood and brick dwellings, St. Hy. Jolite, cost \$11,000 ; Mrs. McEvoy, two brick and stone dwellings, Hotel De Ville, cost \$6,000 ; A. Groll, two wood and brick dwellings, St. Catherine street, cost \$6,000 ; L. Damase, two brick and stone dwellings, St. Hubert street, cost \$4,000 ; Theo. Lisord, four brick and stone dwellings, St. Andrie street, cost \$14,000 ; Protestant Bd. of School Com, brick and stone school, St. Denis street, cost \$42,000 ; J. Riepert, 13 brick and stone dwellings, Hope ave., cost \$30,000 ; Chas. Brenater, improvements to six dwellings on Edward street, cost \$8,000 ; Miss Booth, improvements to two dwellings on University street, cost \$7,000.

TORONTO, ONT.—W. G. Burns, architect, 361 Dundas street, is taking tenders for erection of new Sunday school building for Wesley church, corner Dundas street and Ossington ave.—The Department of Public Works of Ontario are asking for tenders up to June 9th for erection of two cottages, including heating, plumbing and electric wiring, in connection with Hospital for Epileptics near city of Woodstock. Plans at above Department.—Bayliss & Son, 265 Gladstone ave., desire tenders by five o'clock to-day (Wednesday) for all trades except mason work for erection of brick residence on Gladstone ave.—Bulk or separate tenders are wanted at 1 Kippendavie ave. for erection of brick dwelling.—It is reported to be the intention of the owners of the Princess Theatre to remodel and enlarge the present structure or erect an entirely new building on the site.—The Diamond-Baker Lumber Co., of London, Ont., have purchased a large tract of ground fronting on Perth Ave., in this city, on

which they propose erecting a planing mill and box factory.—The Salvation Army want tenders for a pair of frame houses in Davisville. Plans at architect's office, Salvation Army Temple.—The Board of Control are asking for tenders up to Tuesday, June 6th, for a slate roof for the Western City Stables, 1116 King street west, also for the construction of asphalt, brick, macadam, cedar block, vitrified brick and concrete pavements sewers and concrete sidewalks.—The Dominion Government will expropriate a considerable proportion of the property on Front street, between Bay and Yonge street, for the proposed new post office.—The Minerva Manufacturing Co. have purchased the south-west corner of Markham and College streets and will build a factory thereon.—The City Engineer will this week again recommend to the Board of Works that the installation of a system of septic tanks and bacteria beds at foot of Woodbine ave. be proceeded with, at an estimated cost of \$80,000.—Building permits have been granted as follows : Herbert Tweedie, pair two-storey and attic roughcast dwellings, concrete foundations, brick veneered fronts, 12 and 14 Parkview ave., cost \$3,000; Walter Ben-

son, pair 2½-storey brick and stone dwellings, east side Crawford street, near Arthur, cost \$6,000; Toronto Railway Co., one-storey brick building, cement foundation, High Park ave., near Dundas street, cost \$22,000; Rev. A. Sims, 2½-storey brick residence, south side Simpson ave., near Broadview, cost \$2,900; Joseph Vitale, three two-storey and attic brick and stone dwellings, south side Elm street, near Price's Lane, cost \$7,000; Kidney & McKelvey, pair two-storey and attic brick and stone dwellings, east side Delaware ave., near Hepburne street, cost \$4,800; Toronto Gas & Gasoline Engine Co., Ltd., one-storey concrete machine shop, east side Dufferin street, near G. T. R. tracks, cost \$17,000; Wm. Davis & Co., two-storey brick dwelling and hose house, corner Front and Vine streets, cost \$3,000; Thomas Berric, two-storey brick and stone store and dwelling, 349 Broadview ave., cost \$3,600; T. Crow, three-storey stone and brick carriage factory and blacksmith shop, south-east corner Isabella and Yonge streets, cost \$15,000; Wm. P. Playter, two-storey brick dwelling, west side Huntley street, near Bloor, cost \$3,300; John W. Cowan, four-storey warehouse, west side Mincing Lane, near Wellington street, cost \$30,000.

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STRATHCONA, N.W.T.—New school building: Pheasey & Batson, contractors.

WALLACEBURG, ONT.—Separate school: Blonde Bros., Chatham, contractors.

CHATSWORTH, ONT.—Cement sidewalks: Frost & Nichol, Owen Sound, contractor.

REVELSTOKE, B.C.—C.P.R. station: Smith & Sherburne, contractors, about \$25,000.

ORILLIA, ONT.—Heating apparatus for Methodist parsonage: H. T. Andrews, contractor.

WROXETER, ONT.—Brick and carpenter work of public school: S. Bennett, Wingham, contractor.

PORT ARTHUR, ONT.—Dredging the harbor here and at Fort William: A. F. Bowman, contractor.

VICTORIA, B.C.—Five-storey brick building for Melrose Co.: H. T. Knott, contractor, about \$10,500.

DALHOUSIE, N.B.—Residence for Andrew Barberie: Restigouche Woodworking Co., contractors.

FERNIE, B.C.—Building for Crows Nest Trading Co.: Broley Bros., contractors, cost about \$16,000.

MIDLAND, ONT.—Grain elevator for Grand Trunk Railway: E. R. Baker Co., Chicago, successful tenderers.

RAINY RIVER, ONT.—Public school: C. H. Wheeler, architect; S. B. Ritchie, contractor, cost \$22,000.

MOOSOMI, N.W.T.—Hospital building: F. R. Evans, Winnipeg, architect; A. McDougall, Virden, contractor.

NIAGARA FALLS CENTRE, ONT.—Union Sunday school building: J. L. Nichols, architect; J. V. Eitle, contractor.

CARP, ONT.—Heating public school building and Episcopal church rectory: James Smart Co., Brockville, successful tenderer.

LISTOWELL, ONT.—Brick hotel for Mannell Estate: Cement and brick work, George Fritz; carpentry, Bamford Bros., cost \$3,300.

PICTON, ONT.—Supply of 400 to 600 barrels of cement: Canadian Portland Cement Co., Montreal, successful tenderers, \$2.20 per barrel less 40 cents for sacks returned.

MEAFORD, ONT.—Construction of granolithic sidewalks: Forest City Paving Co., London, successful tenderers, 1 1/2 cents per sq. ft.

ST. JOHN, N.B.—Residence on Queens square for Dr. W. P. Bonnell: Architect, H. H. Mott; masonry, J. Clark; carpentry, M. Belyea; galvanized iron work, James McDade; painting, R. Barbour; plumbing, F. S. Walker.

ANCOUVER, B.C.—Theatre for L. G. Wing at corner of Hastings and Abbott streets: James F. McDonald, contractor, cost about \$90,000.—Warehouse on Water street for Robert Kelly and Frank Burnett: J. McLuckie, contractor, about \$35,000.

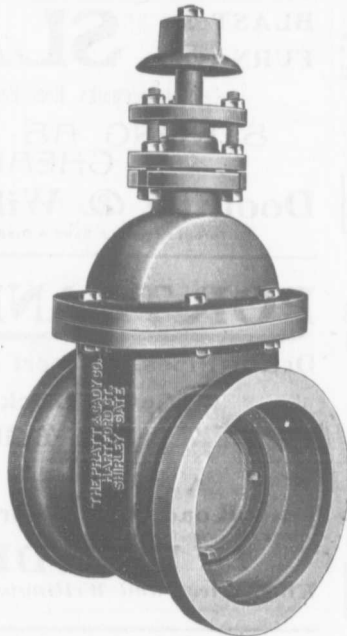
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MONTREAL TORONTO VANCOUVER WINNIPEG

"EXTRACT"

RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer.

W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent on No. 100 Sieve.	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
				Initial.	Final.	Neat.					3 (Sand) to 1 (Cement).					
						1 dy.	7dys.	28dys.	3 mos.	1 yr.	1 dy.	7dys.	28dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	4% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	" "
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	3.135	2.1	162	345	307	701	783	827	804	74	214	299	367	368	" "
Rathbun's Star ...	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	" "
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	" "

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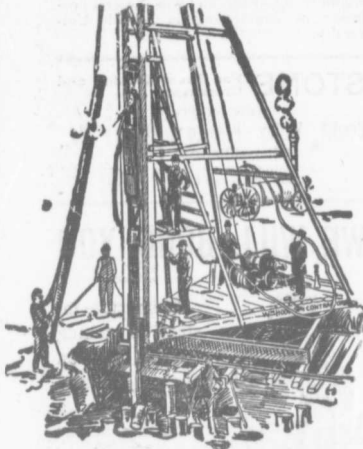
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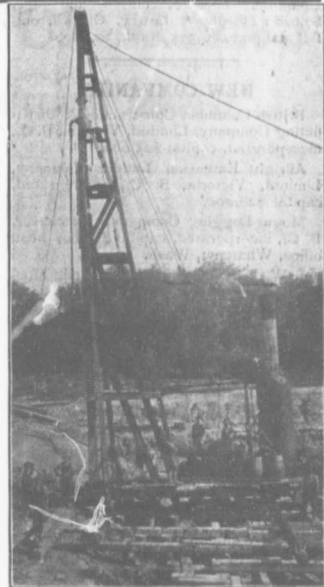
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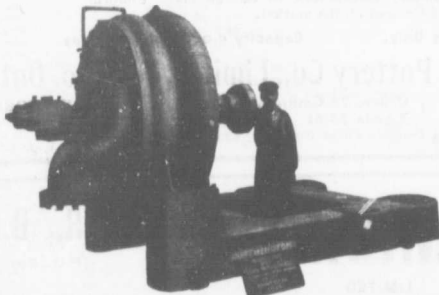
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NEW COMPANIES.

British Columbia Construction & Distributing Company, Limited, Victoria, B. C., incorporated, capital \$25,000.

Allright Extension Ladder Company, Limited, Victoria, B. C., incorporated, capital \$20,000.

Mogul Logging Company, Vancouver, B. C., incorporated, capital \$3,000; head office, Whatcom, Wash.

J. W. Harris Company, Limited, Montreal, incorporated, capital \$150,000, to carry on business as general contractors. J. W. Harris, W. B. Powell, F. D. Monk, and others.

Paul Automatic Gas Company, Limited, Montreal, incorporated, capital \$145,000, to manufacture gas machines. Francis Paul, sr., O. Dupois, and others.

Union Screen Plate Company of Canada, Limited, Lennoxville, Que., incorporated, capital \$20,000, to manufacture machinery and supplies for pulp and paper mills. E. Crocker, of Fitchburgh, Mass., Frank Gadatte, of Lennoxville, and others.

Pease-Waldon Company, Limited, Winnipeg, Man., steam-fitters' supplies, heating apparatus, etc. J. T. Sheridan, W. G. Jones, Toronto, and others.

Haverhill Eclipse Fire Extinguisher Company, Limited, Winnipeg, incorporated, capital \$5,000. J. A. Miller, C. M. Abbot, H. F. Blake, and others.

Dow-Wadge Implement Company, Limited, Winnipeg, incorporated, capital \$100,000, to manufacture machinery, implements, etc. Daniel Dow, of Grand Forks, Thomas Wadge, of Winnipeg, and others.

The Duncan Electrical Company, Limited, Montreal, incorporated, capital \$90,000, to manufacture electrical apparatus and supplies, etc. Charles Duncan, Frederick Loomis, M. L. Williams, and others.

Canadian White Company, Limited, Montreal, incorporated, capital \$1,000,000, to carry on business as electrical and mechanical engineers and to construct works for the generation of electricity, etc. W. G. Ross, R. C. Smith, R. C. Gray, and others.

Selby & Youlden, Limited, Kingston, Ont., incorporated, capital \$50,000, to manufacture engines, boilers, etc. Directors, Charles Selby, Henry Youlden, and others.

Pease Heating Company, Limited, Toronto, incorporated, capital \$40,000.

Directors, David Millar, A. M. Bond, R. McKinnon, and others.

Canadian Shovel & Tool Company, Hamilton, incorporated, capital \$150,000. Directors, J. C. McCarty, C. H. Holten, and others.

Canadian Fence Manufacturing Company, Limited, Woodstock, Ont., incorporated, capital \$250,000. Directors, C. A. Brink, J. B. Murray, and others.

Northern Varnish Company, Limited, Owen Sound, Ont., incorporated, capital \$40,000. Directors, J. S. Parmenter, Angus McDonald and W. J. Camsell.

McLean Feed Water Heater Company, Limited, incorporated at Victoria, B. C., capital \$35,000, to manufacture feed water heaters and purifiers, etc.

Colonial Construction Company, Limited, Montreal, incorporated, capital \$200,000, to construct public works of all kinds, generate electricity, etc. Promoters, J. J. Meagher, F. Robertson, J. C. McDiarmid, and John T. Mitchell, of Montreal, and F. S. MacLennan, of Westmount.

NOTES.

The Weyburn Cement Brick & Block Co., Weyburn, N.W.T., has been incorporated.

Fred Gray and William Thompson have formed a partnership for the manufacture

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Mr. Ira G. Hedrick, of Waddell & Hedrick, consulting engineers, Kansas City, Mo., has been conferred with the degree of Doctor of Science by McGill University, Montreal.

The Governors of McGill University, Montreal, have granted the degree of Doctor of Laws to Mr. Thomas C. Keefer, the distinguished civil engineer of Ottawa. Mr. Keefer is the oldest engineer in Canada and was the first professor of engineering in McGill University.

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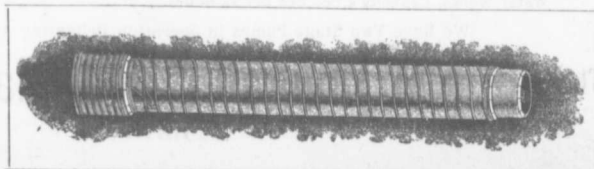
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 - Monarch..... 1 80 1 90 2 10 2 20
 - Hercules..... 1 75 1 75 1 80 1 85
 - Imperial..... 1 80 1 85 1 95 2 05
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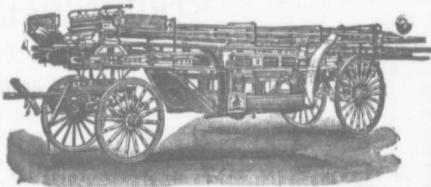
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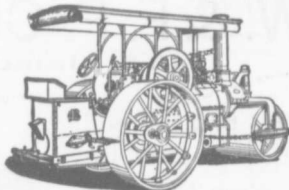


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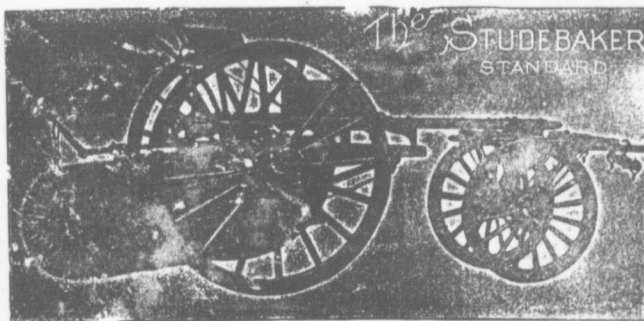
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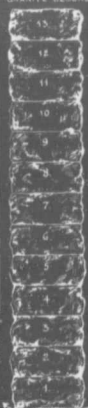
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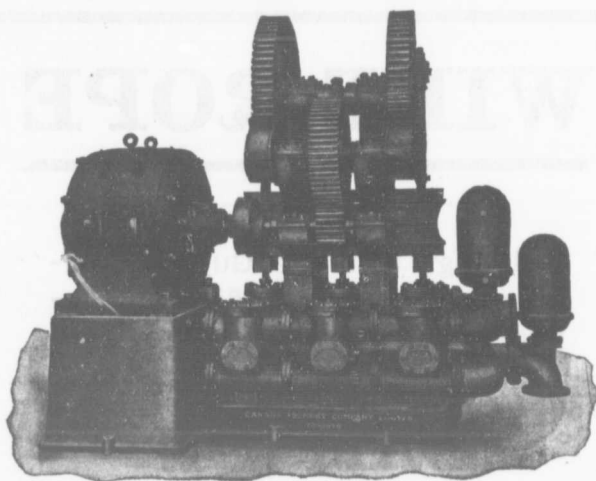
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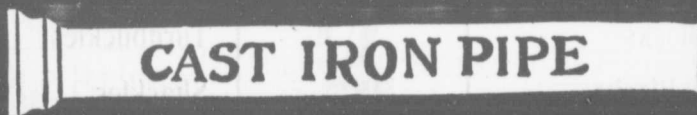
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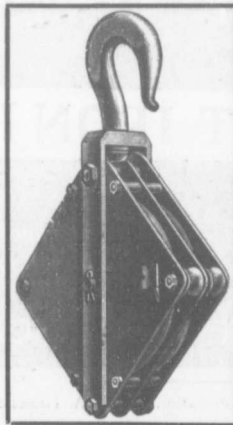
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