

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.

TORONTO, MONTREAL — JUNE 7, 1905 — WINNIPEG, VANCOUVER.

No. 15

THE CANADIAN CONTRACT RECORD PUBLISHED EVERY WEDNESDAY

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

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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 17TH DAY OF JUNE, 1905:

\$12,000.00 Natural Gas,
\$10,000.00 Water works,
\$30,000.00 Municipal Building,
\$2,600.00 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 4% 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

Tender for Bridge

Sealed tenders addressed to Wm. Pedwell, Reeve of Sarawak, will be received up to 6 p. m., 23RD DAY OF JUNE, for the construction of the following:

- 1st. The construction of a steel bridge, span 80 feet c. to c., width of roadway 16 feet, live load 80 lbs. per sq. ft. and moving load 6 tons on 6 foot axles, cedar floor and steel joists.
- 2nd. The construction of a concrete abutments containing 200 c. yds., removal of old bridge, and filling behind abutments.
- 3rd. The construction of a concrete arch.
Site, Bay View near Owen Sound.

An accepted Bank Cheque payable to Treasurer T. P. of Sarawak to the amount of \$500.00 must accompany each tender, the same to be forfeited if the tenderer decline the contract, or fail in the performance thereof, and will be returned in case of non-acceptance.

The lowest or any tender not necessarily accepted. Plans and specifications may be seen at Reeve's or Engineer's office.

WM. PEDWELL, ESQ., Reeve,
Brookholm P. O.
R. McDOWALL, C. E., Tp. Engineer,
Owen Sound.
Brookholm, 30th May, 1905.

TENDERS FOR WATER TOWER

Tenders will be received by the undersigned till JUNE 20TH, 1905, for the erection of a tower 40 feet high supporting a steel storage tank with pipes, valves, etc. complete and erected ready for connecting with the Town Waterworks. Contractors will please submit plans and specifications and state prices for tank of 50,000 gallons, also for one of 80,000 gallons.

J. G. CLARKE,

Chairman of Town Waterworks Committee.
Meaford, June 2nd, 1905.

TENDERS

FOR

SUPPLY OF WATER PIPE AND SPECIALS

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, will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, JUNE 19th, 1905. Specifications and forms of tender may be obtained at the office of H. N. Rutan, 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.

BRICK PAVEMENT

Niagara Falls, Canada

Sealed proposals will be received by the Council of the City of Niagara Falls, Canada, until 8 o'clock p. m. the 17TH DAY OF JUNE, 1905, for the construction of Section No. 2 of the Niagara Falls Paving System.

The works to be built under this section are approximately 5,900 square yards of brick pavement on concrete foundation, with re-setting of curbs in concrete, and including all appurtenances.

Proposals are to be made on proposal sheets supplied, and shall be accompanied by a certified cheque on a chartered bank of Canada for \$1,500.00, made payable to the Treasurer of the City of Niagara Falls, said cheque to be returned to the person making the proposal unless he fail to execute the contract according to the specifications should it be awarded to him.

Proposals shall be enclosed in sealed envelopes addressed "The City of Niagara, Canada, John Robinson, Clerk," and endorsed "Proposal for Section No. 2, Niagara Falls Paving System."

Plans and specifications may be seen and form of proposal may be obtained at the office of the Engineer, Niagara Falls, on and after Wednesday, the 7th of June, 1905.

The right to reject any or all proposals is reserved to the Corporation.

WM. PHEMISTER, Mayor,
JOHN H. JACKSON, Engineer.
Niagara Falls, Canada, June 1st, 1905.

ASPHALT BLOCK AND BRICK PAVEMENTS

Tenders will be received by the undersigned up to the hour of 3 o'clock p. m., on FRIDAY, THE 10TH DAY OF JUNE, 1905, for a Vitriol Brick Pavement on a concrete bed with combined concrete curb and gutter, on Head Street, from Victoria Avenue westerly to the city limits (about 2500 yards); for an Asphalt Block Pavement on a concrete bed, on the Market Square between King and Wellington Streets (about 6000 yards), all in the city of Chatham, according to plans and specifications to be seen in the City Engineer's office in said city.

Tenders must be accompanied by a marked check for 10 per cent. of the amount tendered.

The lowest or any tender not necessarily accepted.

W. G. MERRITT,
City Clerk.

Dated June 3rd, 1905.



Tenders for Long Branch Rifle Range

Sealed tenders, marked on the envelope "Tender for retaining wall, Long Branch Rifle Range, Toronto," and addressed to the Secretary of the Militia Council, Headquarters, Ottawa, will be received until NOON, THE 20TH JUNE, proximo, for the construction of a concrete retaining wall at Long Branch Rifle Range, Toronto.

Plans and specifications may be seen at the offices of the Officer Commanding Western Ontario, Toronto, and Director of Engineer Services, Militia Headquarters, Ottawa.

Tenders must be made on a form supplied by the Department, and accompanied by an accepted cheque on a Canadian chartered bank for 10% of the amount of the tender, payable to the order of the Honourable the Minister of Militia and Defence.

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

H. F. JARVIS,
Secretary,
Militia Council.

Department of Militia and Defence,
Ottawa, May 31, 1905.

Tenders for Erection of Reservoir

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, for the construction of a covered concrete reservoir to hold 6,000,000 imperial gallons, will be received at the office of the undersigned up to 3.30 p. m. on MONDAY, JULY 3, 1905.

Plans may be seen at the office of H. N. Rutan, City Engineer, Winnipeg, Canada, from whom specifications and forms of tender may be obtained.

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 contractor 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, May 27, 1905.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS

Will be received up to noon of JUNE 17TH, 1905 for the erection at Milton of a brick building for use as a power house, by either of the undersigned, upon personal application to whom plans and specifications may be seen. The lowest or any tender not necessarily accepted.
J. W. BEWS, Chairman, Elec. Light Com., Milton, Ont.

K. L. AITKEN, C.E., 164 Bay St., Toronto.

CONTRACTS OPEN.

WELLINGTON, ONT.—John Morgan, of Colborne, intends building a residence here.

VICTORIA HARBOR, ONT.—The Presbyterians intend building a church this summer.

NAPANEE, ONT.—A by-law to grant \$30,000 for an electric light plant will be voted on July 7th.

HULL, QUE.—The Minister of Customs has been petitioned to establish a customs house here.

HARROW, ONT.—Dr. W. A. Sparling wants tenders up to 15th inst. for erection of residence.

BLACKFALDS, N.W.T.—James McNichol wants tenders by June 10th for erection of flour mill.

NEWMARKET, ONT.—The Council will issue \$5,000 of debentures for permanent street improvements.

LINDSAY, ONT.—Baker & Bryans intend erecting a new building on corner of Lindsay and Queen streets.

EDMUNDSTON, N. B.—Tenders will shortly be invited for construction of the proposed waterworks system.

WETASKIWIN, N. W. T.—S. J. Orr will receive tenders up to June 13th for erection of three-roomed school building.

OAKBANK, MAN.—Tenders for building municipal offices will be received by George Miller, Reeve, up to 15th inst.

GLACE BAY, N.S.—W. I. Tobin desires tenders by 30th inst. for erection of residence. Plans by F. W. Spencer, architect.

GREENWOOD, B. C.—G. B. Taylor, Town Clerk, desires bids by June 24th for purchase of \$15,000 6 per cent. debentures.

RENFREW, ONT.—The County Council of Renfrew and Carleton will rebuild the Waba bridge, at a probable cost of \$2,000.

St. BONIFACE, MAN.—The by-law to grant exemption from taxation to the Royal Flour Milling Co. will be voted on June 28th.

ARNPRIOR, ONT.—The proposed building to be erected by the Montreal Suspender & Umbrella Co. is estimated to cost \$50,000.

MOUNT CARMEL, ONT.—Joseph Glavin, Secretary Separate School Board, wants bids by June 10th for \$2,500 5 per cent. debentures.

KINGSTON, ONT.—An architect will be commissioned to report on the cost of remodelling and heating the north end of the city buildings.

MEDICINE HAT, N. W. T.—The plans of W. T. Williams, of this place, have been accepted for a new town hall, estimated to cost \$30,000.

CANNINGTON, ONT.—T. W. Nealon, of Philadelphia, has purchased a site near this place for a paper mill for the manufacture of peat-board.

NELSON, B. C.—The shareholders of the McMillan-Robertson Mines have decided to proceed at once with the development of the property.

GANANOQUE, ONT.—The by-law to raise \$35,000 to complete the waterworks and sewerage systems will be submitted to the ratepayers July 6th.

KILLARNEY, MAN.—new High school building will be built here, brick, steam heated.

BERLIN, ONT.—Peter E. Shantz, of Preston, has purchased a site on Queen street, this town, and will erect a six-storey building.

THAMESFORD, ONT.—B. D. McCarty will receive tenders up to 26th inst. for erection of concrete arch of 50 foot span in township of East Nissouri.

PORTAGE LA PRAIRIE, MAN.—Plans are being prepared for a brick addition to the present gaol and reformatory building to cost about \$20,000.

CARLYLE, N. W. T.—H. H. Rendall, secretary treasurer, will receive tenders up to June 16th for erection of brick veneer school house containing four rooms.

BATTLEFORD, N. W. T.—A by-law to raise \$2,000 for purchase of chemical fire engine and erection of fire hall will be submitted to the ratepayers June 28th.

ROBLIN, ONT.—Tenders for erection of a 102 Howe truss bridge over the Assiniboine, ten miles from this place, will be received by Reeve Gill up to 20th inst.

PICTOU, N. S.—D. Pottinger, manager Intercolonial Railway, Moncton, N. V., will receive tenders up to 13th inst. for construction of a creosoted pile wharf here.

ANDERDON, ONT.—Tenders for construction of the Sucker creek drain and west portion of Ouellette drain will be received by A. C. Mallouxx up to 24th inst.

PRINCE ALBERT, N. W. T.—The Canadian Northern Railway expect to enter this place within three months. A large station and freight sheds will be erected.

SASKATOON, N. W. T.—It is understood that the Government will build a new post office here.—W. P. Bate wants bids by July 3rd on \$9,000 6 per cent. debentures.

SOURIS, P. E. I.—The Department of Public Works, Ottawa, requests tenders by June 26 for erection of post office here. Plans at office of J. B. Hegan, Charlottetown.

WAPPELLA, N.W.T.—H. C. Dawson, of Dawson & McEwen, intends building a residence this summer.—The Presbyterians are making arrangements to build a manse.

WALKERVILLE, ONT.—Plans have been completed for H. B. White & Co.'s new shop, which will be 30x40 feet, three stories, brick, stone foundation, plate glass.

LISTOWEL, ONT.—W. E. Binning, architect, will receive whole or separate tenders up to 15th inst., for erection of library building, of cement concrete blocks, slate roof.

COLLINGWOOD, ONT.—James Shearer intends building a residence, of concrete blocks.—The Imperial Steel & Wire Co. last week decided to double the capacity of their plant.

KEEWATIN, ONT.—Work is about to be commenced on the large mill to be erected by the Keewatin Flour Mill Co. In addition to the mill large storage elevators will be erected.

ST. THOMAS, ONT.—The St. Thomas Curling Club have secured an option on property on which to build a curling and skating rink, cement foundations, cost about \$8,000.

FLORENCEVILLE, N. B.—Tenders are invited by J. N. Ferry up to June 15th for all trades, including heating and plumbing, for erection of school building. Alternative tenders taken on brick and frame.

CORNWALL CENTRE, ONT.—

Bids for construction of River Aux Raisin drain within the township of Cornwall, and separate tenders for bridges, will be received by J. Mullin, Township Clerk, up to 27th inst.

FORT WILLIAM, ONT.—A. McNaughton, Town Clerk, will receive tenders up to June 5th for construction of concrete walks.—John Galt, C.E., of Toronto, will shortly submit his report on extension of water works and sewerage systems.

NIAGARA FALLS, ONT.—The City is calling for tenders on brick pavement. Plans and specifications for permanent walks and sewers are being prepared.—The Cataract Wine & Canning Co. are building a factory to cost \$35,000.

FREDERICTON, N. B.—Tenders will be received by the Department of Public Works up to June 19th for rebuilding Brisby Creek bridge at Gladstone, Sunbury; Nevers bridge, Cambridge, Queens and Tedley Creek bridge Brighton, Carleton.

AMHERSTBURG, ONT.—Bids will be received by J. H. C. Leggatt, Town Treasurer, by the 12th inst., for purchase of \$18,200 5 per cent. debentures.—Mr. Leggatt will also receive tenders up to 12th inst. for construction of 12-inch rock sewer on Apsley street.

PETERBORO, ONT.—Mrs. West has purchased a site on Stewart street on which she will build a residence.—The Board of Education will ask the ratepayers for an additional \$50,000 to complete the proposed new Collegiate Institute. The by-law will be voted on June 29.

SARNIA, ONT.—J. D. Stewart, Town Clerk, wants tenders by June 10th for construction of asphalt block pavement on Cromwell, Victoria and George streets.—A by-law to raise \$150,000 for erecting a new waterworks pumping station at Point Edward and for providing large force main and filtering basin will be submitted to the ratepayers this week.—J. L. Gardiner will build a residence on Julia street.

LONDON, ONT.—The Department of Public Works, Ottawa, are asking for tenders up to June 20th for erection of military store building. Plans on application to William Joanes, architect.—J. A. Robinson, barrister, of St. Thomas, is interesting New York and local capital in the erection of a large hotel here.—The London Street Railway Co. will build new offices.—W. G. Murray, architect, is taking tenders on new warehouse for the D. H. Howden Hardware Co.

OTTAWA, ONT.—The Ottawa Hotel Co. has been incorporated to build a new hotel on the site of the Grand Union. Promoters, A. F. MacLaren, J. W. Woods, J. K. Paisley, and others.—The Shepard & Morse Lumber Co. desire an extension of water mains on Chaudiere street, at a probable cost of \$3,000.—It is reported that the Dominion Government are obtaining options on property on west side of Sussex street, from Rideau to St. Patrick street, with the object of erecting a new departmental building.

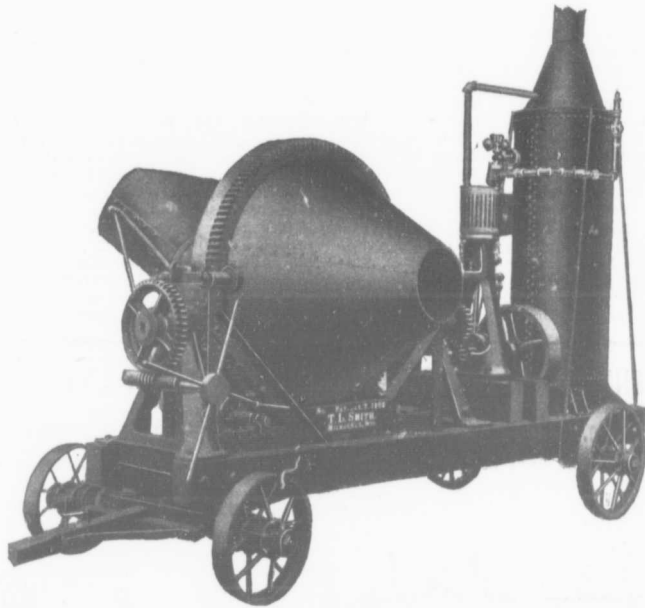
QUEBEC, QUE.—It is reported that plans have been prepared for an extensive new building for military store to be built by the Government on a portion of the Allan Line wharf.—Recent building permits included the following: C. A. Parent, building on DesFosses street, cost \$6000; J. J. Walkley, building on St. Paul street, cost \$15,000; Jesuit Fathers, improvements to building on St. Ursule street, cost \$4,000; H. E. Bouchard, building on King street, cost \$4,000.

HAMILTON, ONT.—The building which the Orangemen will erect on the corner of James and Mulberry streets

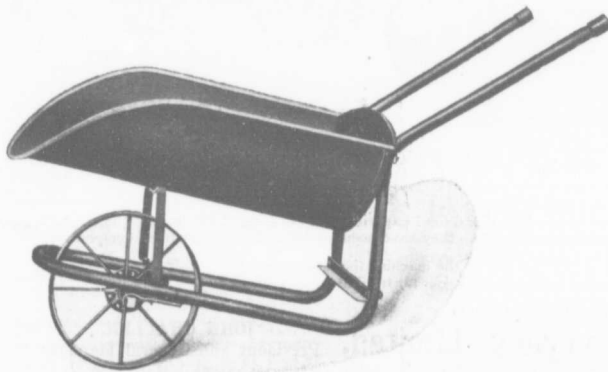
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MONTREAL

will be of brick, three stories, containing large public hall and stores, cost about \$10,000.—It is announced that the Canada Steel Goods Co., of Leamington, have decided to locate here.—Amended plans are under consideration for a new wing to the general hospital.—Munro & Mead, architects, are preparing plans for residences for Dr. R. Y. Parry, Barton street; Mrs. Gordon, Burlington, and A. M. Cunningham, Upper James street.

BRANTFORD, ONT.—The Y. W. C. A. advisory board have decided to erect the proposed extension to building, at estimated cost of \$5,000.—John McHutcheon will build a new bake shop, at a cost of \$3,300.—T. J. Fair & Co. are having plans prepared by G. W. Hall, architect, for a large addition to their factory.—Tenders are desired at office of G. W. Hall, architect, by June 15th, for erection of brick residence for S. McV. Lloyd, of Paris, Ont.

BROCKVILLE, ONT.—G. W. Allan, architect, is preparing plans for a new hotel to be built on the corner of King and John streets for Antoine Wending, 45x70 feet, 3 stories, brick, with all modern improvements.—Plans for the

new Burrell works have been submitted to the head office at Little Falls, N. Y. They call for a one-storey brick building, 45x90 feet, stone basement.

EDMONTON, N.W.T.—F. Fitzgerald and H. Bowen propose to erect a theatre building on corner of Jasper ave. and Third street, plans for which have been prepared by Mr. Deggendorfer, architect; estimated cost, \$20,000.—Dr. McKay and J. K. Powell will each build large store block on Jasper street, and the Edmonton Tent & Mattress Co. will build a brick block on Secord street.—The Public Works Commissioner has reported to the City Council that a duplicate waterworks pumping plant will cost \$20,000.

CHARLOTTETOWN, P.E.I. — C. B. Chappell, architect, has prepared plans for the following: Stone station at Kensington for the Prince Edward Island Railway; warehouse at Georgetown for the same railway; double house in this city for James and David Hooper; residence on Fitzroy street for J. J. Hornby; brick office, store and bank building in Summerside for F. Schurman. The plans of C. B. Chappell, submitted in competition, for St. Paul's Sunday school,

to be built of stone, have been accepted, the building to cost about \$13,000, also for new stone manse of St. James' church, to cost about \$6,500.

VANCOUVER, B.C. — Work will shortly be commenced on brick block on Alexander street, opposite the Europe Hotel, for Ross & Howard.—The C.P.R. will commence work immediately on new freight sheds to be located between Abbott street and False Creek.—By-laws were carried here on Saturday last to raise \$350,000 for extension and improvement of streets and bridges, \$60,000 for resurfacing certain streets and lanes, \$47,500 for extension of gas and fire protection service and \$10,000 for improving English Bay park and beach.

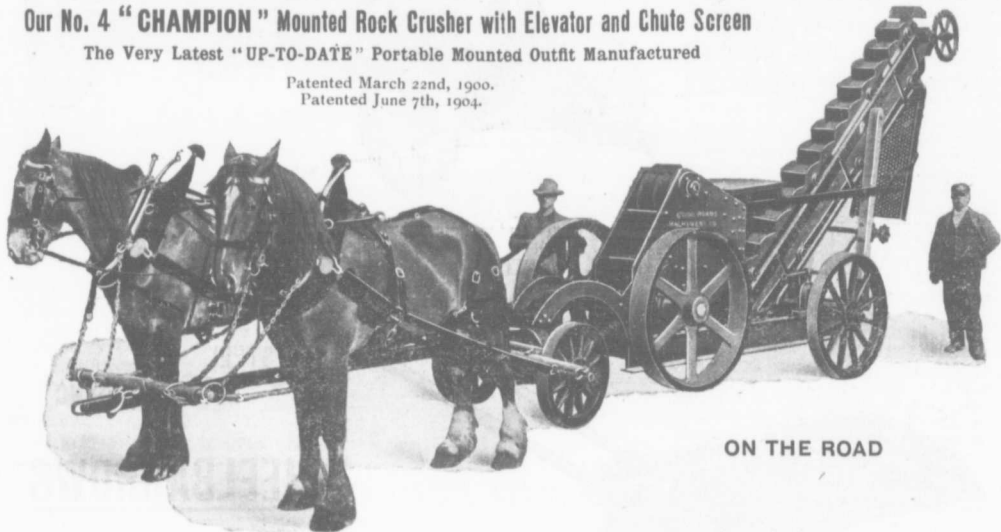
MONTREAL, QUE.—The Montreal Light, Heat & Power Co. propose installing a coke briquetting plant at the gas works at an early date.—J. R. Wilson has purchased the site occupied by the Emmanuel church at corner of Stanley and St. Catharine streets and will erect thereon a terrace of five residences, of cut stone.—The Hampden Court Apartment Co. have been granted permission to erect an apartment house at 355

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MILLER BROS. & TOMS MONTREAL

Mountain street, 4 stories, stone and brick, with fireproof walls, elevators, cold storage equipment, steam heated, cost about \$125,000.—Finley & Spence, architects, have prepared plans for an armory to be built by the Fifth Royal Scots Regiment on Bleury street, opposite the Baron de Hirsch Institute. The structure will cost about \$75,000 and will be two stories and basement.—E. P. Chariton & Co.'s new building on corner of McGill College ave. and St. Catherine street will be begun very shortly. Material, pressed brick, with sandstone facing. Saxe & Archibald, architects.—Plans have been prepared by the Montreal Steel Co. for new building on canal bank near St. Etienne street, cost about \$25,000.—Marchand & Haskell, architects, are about to let contracts for the new building to be built on corner of St. James street and St. Lambert Hill by the Credit Foncier Franco-Canadien. Building will have 98 feet on St. James street, 82 feet on St. Lambert Hill, and 97 feet on Fortification lane. It will be ten stories, constructed of grey sandstone, and will cost about \$500,000.—Saxe & Archibald, architects, have in hand plans for the new building to be built on Guy street for the Montmore Club, of which E. Silverstone is secretary; front of brick brown sandstone with pressed brick trimmings.

WINNIPEG, MAN.—Mayor Sharpe is said to be arranging to build another apartment block.—J. H. G. Russell, architect, is this week taking tenders on erection of a five-storey stone and brick warehouse for Scott, Bathgate & Co.—

JOHN GALT, C.E. & M.E.

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F. R. Evans, architect, is taking tenders on a five-storey warehouse on Market street east for Foley, Lock & Larson, also for all trades for erection of a three-storey business block, 70 x 112, for M. & L. Orris.—A. & W. Melville, architects, desires tenders by Friday, 9th inst., for erection of two frame residences on Beverly street for A. & C. Jaimeson. Same architects have completed plans and taken tenders on grain warehouses and elevator on Higgins ave., this city, for Leitch Bros., of Oak Lake, to be constructed of steel and reinforced concrete. New plans are under consideration for the proposed police station and public hall.—Contracts will likely be awarded this week for erection of parsonage and sexton's residence for Zion church. Plans by James Chisholm, architect.—R. Rogers, Minister of Public Works, will receive tenders up to 17th inst. for erection of principal's residence, dairy, science building and power house on the Agricultural grounds, St. Charles.—J. H. G. Russell, architect, has prepared plans

for the new Fort Rouge Methodist church, red brick, stone trimmings, cost about \$50,000.—The City Clerk desires tenders by July 3rd for construction of a covered concrete reservoir to hold 6,000,000 gallons.—Two stories will be added to the Hammond block on Hammond street.—The managers of the Central Congregational church have accepted the plans of A. & W. Melville, architects, for proposed improvements and additions, estimated cost, \$25,000.—The time for receiving tenders for supply of water pipe and specials has been extended to June 19.—Hooper & Walker, architects, are this week taking tenders on a frame cottage on stone foundation for Rev. Mr. Harrobin, M'Dermott ave.—A. & W. Melville want tenders by 10th inst. for erection of brick and stone store and bakery, corner Simcoe street and Ellice ave., for J. W. Campbell.

TORONTO, ONT.—A. R. Clarke & Co., leather and glove manufacturers, 913 Eastern ave., are about to build an addition to their factory, to consist of a

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brick structure 50x100 feet.—H. C. Boulton has purchased the old church property on corner of Victoria and Queen streets, and will, it is understood, undertake improvements.—Tenders are invited by the Department of Public Works, Ottawa, up to June 20th, for construction of Postal Station "F" in this city. Plans on application to H. E. Hamilton at Examining Warehouse.—The Department of Militia and Defence want tenders by the 20th inst. for retaining wall at Long Branch Rifle Range. Plans at office of the Officer Commanding Western Ontario, this city.—At a meeting of resident trustees of the University of Toronto held on Saturday last, it was decided that each of the four students, residences to be erected should provide accommodation for fifty students, and that steps towards erection should be taken as soon as possible.—The Board of Education will receive tenders up to June 23rd for steam heating and ventilation at Dufferin and Ryerson schools.—The City will build new workshops at the corner of King and Dufferin streets.—The City Engineer, in his last fortnightly report, recommends the construction of the following sewers and pavements: Sewers—Extension of Rosedale creek sewer from Bedford road to Dupont street, cost \$6,300; on Clinton street, from 315 feet north of Bloor, cost \$2,000; Hepburne, from Dovercourt road to Havelock street, \$1,720; Mark street, from River street to Don, \$1,495. Pavements—Shaftsbury avenue, from Yonge 1312 feet east, bitulithic, \$9,384; Yarmouth Road, from Christie to Miles Place, bitulithic, \$5,134; Park Road, reconstruction macadam roadway, \$5,772; Osler avenue from Royce to city limits, \$7,329; Perth avenue, from Bloor to Royce, brick, \$24,763; Pearl street, from Simcoe to Duncan, brick, \$4,058; Gerrard street, from

Parliament to River, vitrified block, \$21,291; Casimir, from St. Patrick 103 feet north, bitulithic, \$1,294; Argyle street, from Dundas to Dovercourt Road, bitulithic, \$6,043; St. Clarens avenue, from Wyndham to Dundas, bitulithic, \$7,030.—Building permits have been granted as follows: Darling & Pearson, two-storey

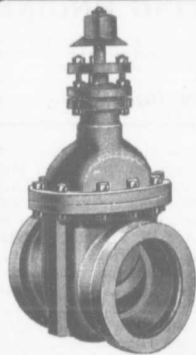
and attic stone and brick dwelling, east side Maynard ave., near King street, cost \$5,500; Wm. F. Medcalf, pair 2½-storey brick dwellings, stone foundations, 81-83 Bismark ave., cost \$6,000; G. H. Bowen, three-storey stone and brick store and dwelling, 989 Bloor street west, cost \$4,500; J. A. Thompson, two three-storey

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

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brick stores and dwellings, stone foundations, 447 and 449 Dovercourt road, cost \$4,600; A. E. Booth, four two-storey brick dwellings, south side Gibson ave., near Yonge street, cost \$6,000; John R. McDonald, two-storey brick residences, Symington ave., near King street, cost \$4,000; G. A. Blackstock, two-storey and attic brick and stone dwelling, west side Hazelton ave., near Yorkville, cost \$3,000; John Drummer, pair 2½-storey stone and brick dwellings, east side Huron street, near Bernard ave., cost \$8,000; John Babister, two pair 2½-storey brick and stone dwellings, south side Dundas street, near Park ave., cost \$6,000; Alex. McLeod, pair two-storey and attic brick and stone dwellings, north side Hepburne street, near Delaware, cost \$4,000; J. Billings, two-storey stone and brick residences, Balmoral ave., near Avenue road, cost \$5,000; Roman Stone Co., Ltd., two-storey and one-storey frame and galvanized iron factory, north side Marlborough ave., near Yonge street, cost \$3,500; Redemptorist Fathers, one-storey stone, brick and steel church, east side McCaul street, near Anderson, cost \$90,000; Dr. W. H. Walton Ball, two-storey and attic brick and stone detached dwelling, west side Palmerston ave., near College street, cost \$4,500; A. Barthelmes, pair two-storey and attic brick and stone dwellings, south-east corner Brunswick ave. and Wells street, cost \$8,000; John Deavitt, two-storey and attic brick and stone dwellings, east side Palmerston ave., near Ulster street, cost \$4,500; John Gilchrist, two-storey and attic brick and stone dwelling, east side Palmerston ave., near Harbord street, cost \$5,000; S. Armour, pair two-storey and attic brick dwellings, stone foundations, east side Beatrice street, near College, cost \$5,000; St. James Cemetery, one-storey and attic brick residence, east side Parliament street, near Wellesley, cost \$4,500.

CONTRACTS AWARDED.

NIAGARA FALLS, ONT.—Two residences for W. E. Thomas: W. S. Homan, contractor.

WALKERVILLE, ONT.—Cooper shop for Hiram Walker & Sons: V. Williamson, contractor.

KENORA, ONT.—Steel bridge over

Julius street: Dickson Bros., successful tenderers, \$3,275.

SHERBROOKE, QUE.—Residence for C. McKechnie: William Hawken, contractor for masonry.

FORT WILLIAM, ONT.—Construction of Ogilvie Milling Co.'s mill: Barnett & McQueen, contractors.

CHATHAM, ONT.—Extension to

works of William Gray & Sons: Brickwork, Moore & Stephens; carpentry, J. W. Carswell.

BRANTFORD, ONT.—\$15,500 Romeo school debentures: Canada Security Co., Toronto, purchasers, \$15,221.

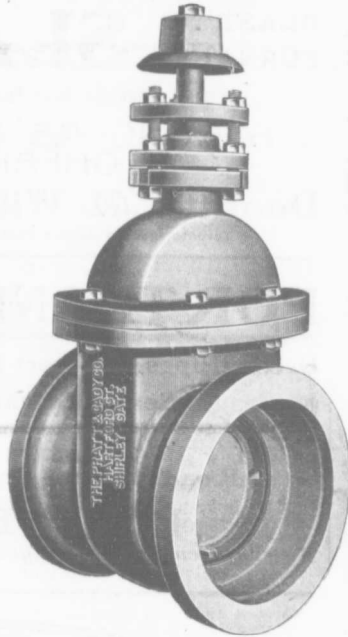
TORONTO, ONT.—The contract for the new Traders' Bank office building at corner of Yonge and Colborne streets has

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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. Fajji Test.	Specific Gravity.	Residue in per cent 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.	7 dys.	28 dys.	3 mos.	1 yr.	1 dy.	7 dys.	28 dys.	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	287	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% 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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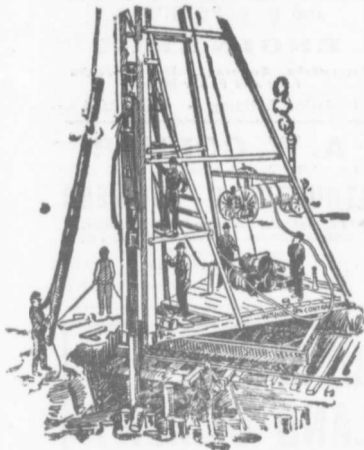
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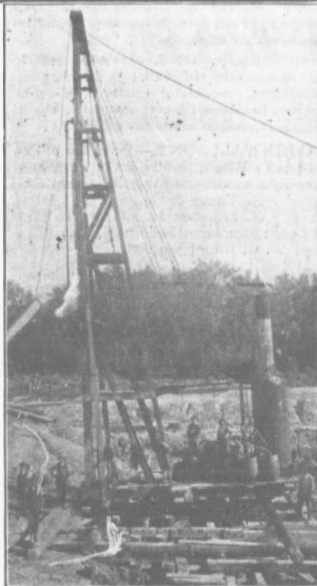
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been let to V. J. Hedden, Sons & Co., Madison ave., New York.

LEAMINGTON, ONT.—Heating Methodist church: James Smart Manufacturing Co., Brockville, contractors.

BOISSEVAIN, MAN.—New flour mill: D. E. Bennell, of Brandon, contractor, brick on stone foundation, 40 x 50 feet, two stories, with boiler and engine house.

CALGARY, N.W.T.—Hotel for G. S. A. Skinner: Lawson & O'Gara, architects; McNeil & Brown, contractors, 100 x 130 feet, 5 stories, stone, 2 electric elevators, cost \$50,000.

ARNPRIOR, ONT.—115,000 square feet of concrete sidewalk: James Bogue, Peterboro, successful tenderer, 9 cents per foot for sidewalks, 35 cents for block crossings, and 21 cents for drains.

CORNWALL, ONT.—Purchase of debentures: Wood, Gundy & Co., Toronto, successful tenderers, \$14,712. Other tenderers: A. Young & Co., \$14,501; Stimson & Co., \$14,509; H. O'Hara & Co., \$14,510; Dominion Securities Co., \$14,524; W. C. Brent, \$14,628.

WINNIPEG, MAN.—New Lutheran Trinity church: John Schwab, architect; S. Brown, contractor, \$13,843.—Completion of block on Main, Bannatyne and Albert streets for the J. H. Ashdown Hardware Co.: Brick and stone work, Hindson & Davidson; carpentry, Day & Manson.—Supply of two transformers for city: Canadian Westinghouse Co., successful tenderers, \$1,547.88; 100 lamps, R. E. T. Pringle Co., Montreal, \$2,200.

MONTREAL, QUE.—Branch office building of the Molson's Bank, corner Stanley and St. Catherine streets: Finley & Spence, architects; George Roberts, contractor. Building will be 37 x 112 feet, three stories, of Indiana limestone, with front and side elevations of cut stone, cost about \$100,000.—Steam pump for City Waterworks: John McDougall Caledonian Iron Works Co., successful tenderers.—The Walter M. Lowney Co. of Canada have awarded a contract to Frank B. Gilbreth, of New York and Boston, for the building of a six-storey factory and warehouse in this city, to cost about \$100,000.

NOTES.

Ed. C. Nicholson and Arthur E. Nicholson have formed a partnership as contractors and builders in the City of St. Catharines and Niagara district, under the name of "Ed. C. Nicholson & Son."

A. E. Henderson, of the firm of Grant & Henderson, architects, Vancouver,

er, has opened an office in New Westminster, where he is looking after the new buildings being erected for the Dominion Exhibition to be held in that city this year.

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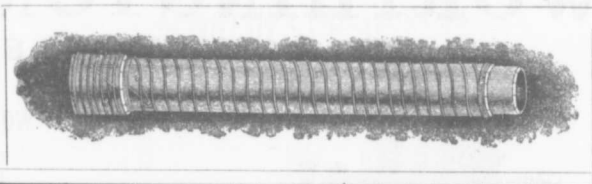
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 "Union"..... 1 50 1 60 1 50 1 70
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 In paper bags..... 2 20
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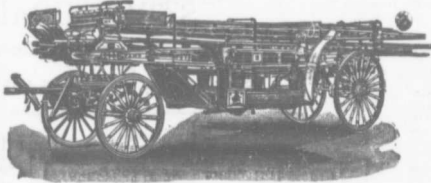
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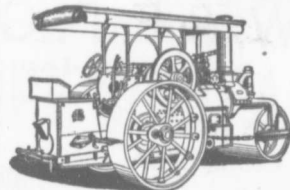


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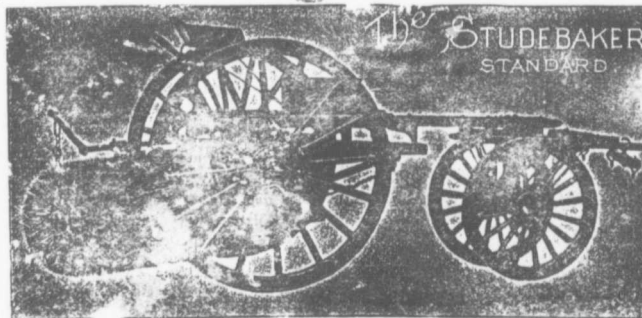
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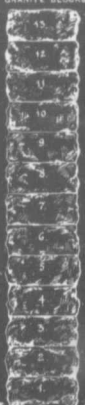
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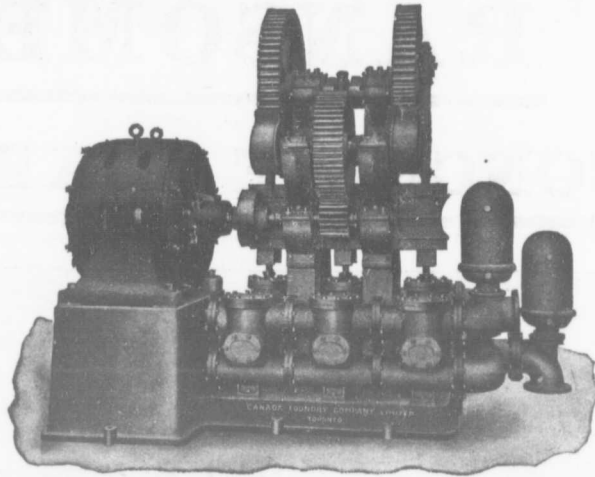
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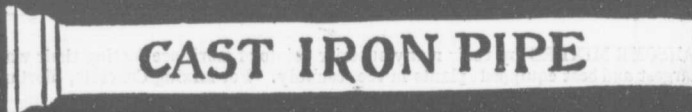
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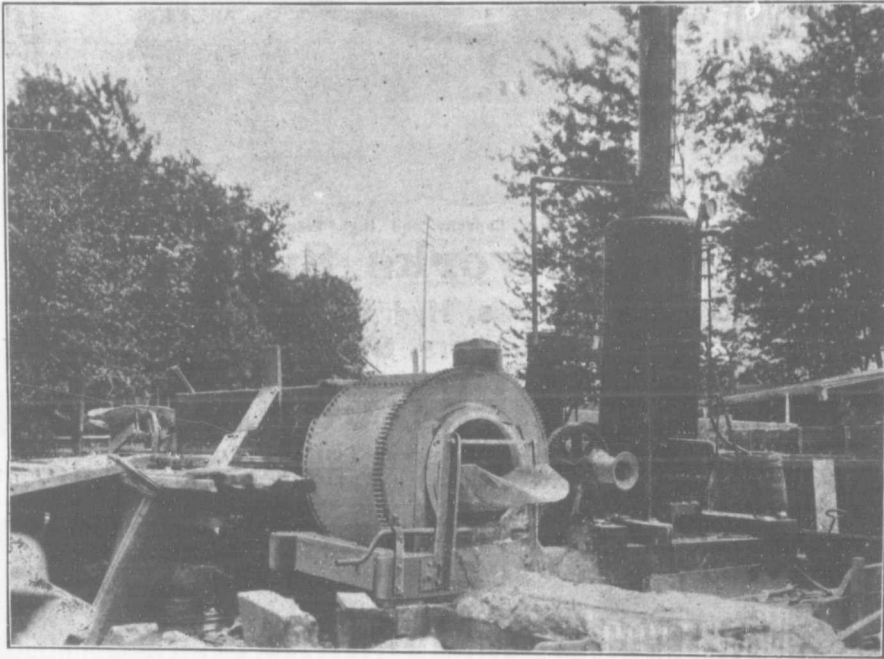
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