

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF
PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

This paper appears 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.

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No. 26

THE CANADIAN CONTRACT RECORD,

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Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publishers of any irregularity in delivery of paper.

TENDERS

will be received until noon on FRIDAY AUGUST 31st, for the erection of a DWELLING HOUSE on Crescent Road, Rosedale. No tender necessarily accepted.

GORDON & HELLIWELL, Architects,
Confederation Life Building, Toronto.

TENDERS

Tenders addressed to the undersigned, will be received until the 24th DAY OF AUGUST, 1901, inclusive, for the construction of a

Wooden Dam and Flume and Power House

in connection therewith at Renfrew, Ont., where plans and specifications for same can be seen and all information relating thereto obtained.

THOS. A. LOW,
Secretary Renfrew Power Company, Limited.

TENDERS FOR DEBENTURES

Sealed tenders, marked "Tenders for Debentures," addressed to S. H. McKay, Esquire, Mayor, Walkerton, will be received until MONDAY, THE 12th DAY OF AUGUST, 1901, at the hour of seven p.m., for the following Town of Walkerton Debentures, viz.: \$9,000.00 Waterworks, Sewers and Sundry Improvement Debentures, interest four per cent. per annum, issued on instalment plan, payable in twenty annual payments.

\$5,774.86 "Consolidated Debt Debentures," interest five per cent., payable half yearly on 1st January and July each year, and principal on 1st January each year, issued under 53 Vict. Chap. 127.

Tenders will be received for both or either of the above issues and tenders are requested to state a bulk amount payable on 1st August. The said debentures will be delivered at Walkerton to the party whose tender may be accepted within 30 days from receiving and opening tenders. The highest or any tender not necessarily accepted. All information required will be furnished on application to John Lee, Esquire, Town Treasurer.

Dated this 13th day of July, 1901.

W. S. GOULD,
Town Clerk.

TENDERS WANTED

Sealed tenders, marked "Tenders for Sidewalks," addressed to J. H. Fielding, Chairman, Board of Works, Wainston, will be received up to MONDAY, 27th AUGUST, 1901, at 5 o'clock, p.m., for laying between 60,000 and 70,000 square feet, more or less, of Granolithic Sidewalks in the Town of Wainston. Plans and specifications may be seen at the office of the undersigned or at that of R. McDowall, C.E., Owen Sound. Tenders must be on forms supplied by undersigned, and be accompanied by a certified cheque. For full particulars apply to

W. J. FERGUSON,
Town Clerk.

Wainston, 3rd July, 1901.



Sealed tenders addressed to the undersigned, and endorsed "Tenders for Burlington Channel Works, Ont." will be received at this office until FRIDAY, 9th AUGUST NEXT, inclusively, for the renewal of the superstructure of west end of south pier and sheet piling channel side of piers, at Burlington Channel, Wentworth County, Ont., according to a plan and a specification to be seen at the office of H. A. Gray, Esq., Resident Engineer, Confederation Life Building, Toronto, Ont., on application to the Postmaster, at Hamilton, at the Resident Engineer's office, Room 411, Merchants Bank Building, St. James St., Montreal, and at the Department of Public Works, Ottawa.

Tenders will not be considered unless made on the form supplied, and signed with the actual signatures of tenderers.

An accepted cheque on a chartered bank payable to the order of the Minister of Public Works, for ten thousand dollars (\$10,000.00), must accompany each tender. The cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

By order,

FRED. GELINAS,
Secretary.

Department of Public Works,
Ottawa, July 13th, 1901.

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

HARBOUR COMMISSIONERS OF MONTREAL

TENDERS FOR GRAIN ELEVATOR

Sealed plans, specifications and tenders, address to the undersigned and endorsed "Tender for Elevator," will be received at this office until NOON ON TUESDAY, 27th AUGUST, 1901, for the construction of a grain elevator of one million bushels capacity, with gripping conveyors, for the Harbour Commissioners of Montreal, particulars of which can be obtained upon application to Mr. John Kennedy, Chief Engineer.

An accepted cheque on a chartered bank payable to the order of the Commissioners for \$25,000.00 must accompany each tender; the cheque will be forfeited if the party decline the contract, and in case a contract is entered in to be retained as part security for the completion of the work contracted for.

The cheques of the unsuccessful tenderers together with their plans and specifications will be returned to them within fifteen days of the above mentioned date.

The commissioners reserve the right to reject any or all of the plans, specifications and tenders received.

DAVID SEATH,
Secretary.

57 Common Street,
Montreal, July 17th, 1901.

TO CONTRACTORS.

Tenders, bulk or separate, for all the trades will be received by the undersigned until 6 o'clock p.m., on MONDAY, AUGUST 5th, 1901, for the erection of a brick and frame Skating and Hockey Rink, in the town of Galt. Plans and specifications may be seen at the office of F. W. Mellish, architect, Imperial Block, Galt. The lowest or any tender not necessarily accepted.

CHARLES BLAKE,
Secy Galt Rink Co., Limited.

Tenders

For the brickwork, tinmith work, plasterer's work, and painting and glazing required in the erection of a

HOSPITAL BUILDING

near Gravenhurst, for the National Sanatorium Association, will be received by the undersigned until Monday, August 13th, 1901.

Plans and specifications may be seen at the Sanatorium, near Gravenhurst, or at the office of the architect.

The lowest or any tender will not necessarily be accepted.

D. B. DICK, Architect,
17 Toronto Street, Toronto.

TENDERS FOR BRIDGE

Tenders will be received by either of the undersigned up till 5 o'clock p.m., on MONDAY, AUGUST 12th, 1901, for the Steel Superstructure and Steel Cylinder Foundations or Concrete Abutments of a Bridge over the Saugueney River in the Township of Brant, south of the Village of Hanover.

Plans and specifications of the cylinders or abutments may be seen on and after August 7th, by applying to the undersigned or to any of the following, viz., W. S. Gould, County Clerk, Walkerton; Hollinger & Ball, Hanover; or J. Hutcheon, Engineer, Guelph.

Each tender must be accompanied by a marked cheque for 5 per cent. of the amount of the tender.

The lowest or any offer not necessarily accepted.

HENJAMIN CANNON,
Warden, County of Bruce,
ROBERT RICHARDSON,
Reeve, Township of Brant,
Walkerton P.O.

CONTRACTS OPEN.

LANARK, ONT. James Umpherson will build a residence.

ROWENA, ONT. - R. Cooper is considering the erection of a residence.

REDDICKVILLE, ONT. - Dr. McGibbon intends building a telephone line from Honeywood to Shrigley.

BRADFORD, ONT. A franchise has been granted to J. A. Puggess to supply the village with gas and water.

KINGSTON, ONT. A scheme is on foot for the building of an opera house in rear of the Windsor Hotel.

OSHAWA, ONT. Excavating has been commenced for a building to be built by L. Stedham on Simcoe Street.

WOODSTOCK, ONT. Residences are to be built on the site of Knox church, which is now being torn down.

PERTH, ONT. The county council is in session to-day considering the plans for the proposed House of Industry.

TRENTON, ONT. It is said that the capital has been secured for an electric railway from this town to Cornwall.

MAGOG, QUE.—W. H. Archer, architect, invites tenders up to August 1st for erection of fire and police station and fire hall.

MAGNETAWAN, ONT.—On August 26th the ratepayers will vote on a by-law to assist L. F. Purdy to rebuild his grist mill.

BARRIE, ONT.—Revised plans are being prepared for the new hospital to be built in this town, the first tenders being too high.

NIAGARA FALLS, ONT.—Bids are asked by John Robinson, town clerk, up to August 31st for purchase of \$910 4 per cent. sewer debentures.

KINGSVILLE, ONT.—A by-law has been passed by the council to raise \$4,000 by the issue of debentures to cover the cost of concrete walks.

BANCROFT, ONT. A by-law to raise \$2,700 for erection of fire hall and purchase of steam fire engine and hose reel was carried on 26th inst.

OWEN SOUND, ONT.—The ratepayers will, on August 10th, vote on a by-law to assist the establishment of cement works by the Sun Cement Co.

KINGSTON, ONT.—H. P. Smith, architect, has invited tenders for reconstruction of buttresses and turrets and other work at St. Mary's Cathedral.

LEAMINGTON, ONT.—W. Maycock, architect, has completed the plans for the Odd Fellows' building on Erie street, which will be three storeys, cost \$6,000.

BELLEVILLE, ONT.—Mr. Foster, a prominent paper manufacturer of Montreal, has purchased a site on Heather's Point and will erect a \$2,000 cottage.

GODERICH, ONT.—M. G. Cameron, of this town, will make application for the incorporation of a company to build an electric railway from Goderich to Lucknow.

SYDNEY MINES, N.S.—Elliot & Hopson, architects, are preparing plans for the new academy to be built at this place, and tenders will shortly be invited.

PORL ELGIN, ONT.—The ratepayers have voted a loan of \$4,000 to Stevens, Hepner & Co., brush manufacturers, for the purpose of erecting additional buildings.

LETHBRIDGE, N. W. T.—The Department of Public Works for Canada is asking for tenders up to August 9th for construction of an immigration building at this place.

ROSSLAND, B.C.—It is understood that the Canadian Pacific Railway Co. are considering the adoption of electric power in the high mountain grades in the Rockies.

BRUCE MINES, ONT.—Offers are asked by A. S. Burrows, manager of the Bruce Mines and Algoma Railway, up to August 1st for construction of 14 1-2 miles of railway.

NEW WESTMINSTER, B.C.—A Nainimo syndicate, of which A. R. Johnstone is a member, will establish a large halibut fishing depot and cold storage plant in this city.

COLLINGWOOD, ONT.—On August 16th the ratepayers will vote on a by-law to raise \$10,000 for extension of electric light plant, and \$5,000 for waterworks improvements.

VANCOUVER, B.C.—The accommodation in the court house is inadequate and steps will have to be taken to erect a new building or an addition to the present structure.

MCAFORD, ONT.—Hugh Brennan, of Hamilton, a member of the Missis-

saga Lumber Company, conferred with the town council last week regarding the erection of a saw mill here.

BRIDGETOWN, N.S.—F. L. Miller, town clerk, will receive tenders up to August 5th for laying 800 feet of water pipe, excavating the basin of the reservoir, and building an addition to the reservoir dam.

RENFREW, ONT.—The Renfrew Power Co. have invited tenders for construction of wooden dam and flume for power house.—Dick & Co. have purchased property on which to build a two-storey brick store.

RICHMOND, N.B.—Tenders are invited up to September 16th for purchase of \$16,000 4 per cent Kent County debentures. Particulars from the committee, Messrs. L. L. Leger, F. S. Peters, and F. M. Richard.

HUMBERSTONE, ONT.—The contract for a concrete arch bridge along the lake shore in the township of Humberstone, across the Michener drain, will be let here on August 3rd. E. W. Fares is one of the committee.

BENNSKILLEN, ONT.—Tenders are asked up to August 3rd for construction of the McBride and Ormerod drains. Tenders will be opened at township office, Petrolia. N. McLean and John Doyle are commissioners.

BURK'S FALLS, ONT.—A meeting of the Magnetawan River Railway Co. was held here last week, at which arrangements were made for the early construction of the road. James Sharpe, of this town, is president of the company.

CHARLOTTETOWN, P. E. I.—Tenders are asked by G. A. Sharp, Superintendent of the Prince Edward Island Railway, up to August 3rd, for grading and other work required in changing the main line between Freetown and Kensington.

QUELPHI, ONT.—A committee of the city council is looking into the question of constructing a sewerage system.

SHERBROOKE, QUE.—The city will receive tenders up to noon of August 15th for a rivetted steel bridge across the Magog river, to replace the old wooden bridge at Wolfe street. Tenders to be addressed to T. J. Griffith, secretary-treasurer.

FREDERICTON, N.B.—E. G. Evans, C.E., is surveying the route of the New Brunswick Coal & Railway Co.'s road from Chipman to Fredericton. The plans of the first fifteen miles are complete and tenders for this section will be asked early in August.

STRATHMORE, ONT.—Donald McIntosh, clerk of Roxborough township, will receive tenders up to August 1st for construction of the Thompson-Ferguson drain, cost \$6,912.38, and the Lalonde drain, cost \$5,346. T. H. Wiggins, of Finch, is engineer in charge.

SACKVILLE, N.B.—P. G. Mooney, of St. John, was here last week in reference to enlarging the operations of the Sackville Free Stone Co. A third steam derrick, a trolley system

for removing waste material, a gang of modern saws for cutting dimension stone, and other up-to-date machinery are to be put in.

CIATHAM, N.B.—Tenders are invited by Geo. Stothart, secretary school trustees, up to August 10th for hot water heating and plumbing of new school building. Plans at office of the secretary and R. C. John Dunn, architect, St. John. Incorporation is being sought for the Miramichi Pulp & Lumber Mfg. Co., capital \$1,000,000, to build a pulp mill at Morrison's Brook. James Robinson, St. John and John Moravec are interested.

TORONTO, ONT.—The Modern Plan Building Co. has been incorporated in this city to erect apartment houses in different districts. The directors include Dr. Pyne, M.P., E. L. Sawyer, and C. H. Riggs. The first building will be erected on the north-east corner of Jarvis street and Wilton avenue, will be six storeys in height, with eight suites of apartments on each flat. The building will contain three elevators and all modern improvements. Work will likely be commenced this fall.—Jos. Barrett, A. C. Smart, and others are seeking incorporation as the Humber Power & Light Co.—It is probable that the wharf at foot of Yonge street will be repaired, at an approximate cost of \$7,000.—The directors of the Toronto Home for Incubables are anxious to secure funds to build an annex.—Permits issued up to July 24th of this year total in value \$2,360,000.—The city council has given notice of its intention to construct the following pavements: Asphalt and block pavement on College street, from Spadina avenue to Bathurst street, cost \$37,600; asphalt on Hayden street, Church street to east end, cost \$2,950; asphalt and cedar block on Dufferin street, Queen to King, cost \$10,170; asphalt on Adelaide street, Church to Jarvis, cost \$8,175; macadam on Logan avenue, cost \$8,395; on Sheridan avenue, Florence to College, cost \$7,510; on Walton street, Yonge to Elizabeth, cost \$2,470; on Wellesley street, Yonge to Jarvis, cost \$5,255; on South Drive, Park Road to Huntley street, cost \$1,370; on Glen Road, from Maple to Elm avenues, cost \$1,795; on Balmuto street, Bloor to Czar, cost \$2,820; on Cluney avenue, Crescent to Rosedale road, cost \$3,780; on Scarth road, Crescent road to Roxborough street, cost \$1,550; Park road, from Crescent road to South Drive, cost \$4,670; cedar block on Dovercourt road, College to Bloor, cost \$7,680; and on Empress Crescent, Jamieson to Dowling avenues, cost \$3,445. A sewer will be built on Pouchier street, from Smith street to south end, cost \$1,140.—Building permits have been granted as follows: J. W. Cowan, three-storey brick storage warehouse, King street west, rear of Cowan Company's works, cost \$5,000; A. Clubb, three-storey brick dwelling, west side University avenue, near Anderson, cost \$3,500; J. F. V. May, two-storey and attic brick and stone dwelling, 115 Delaware avenue, cost

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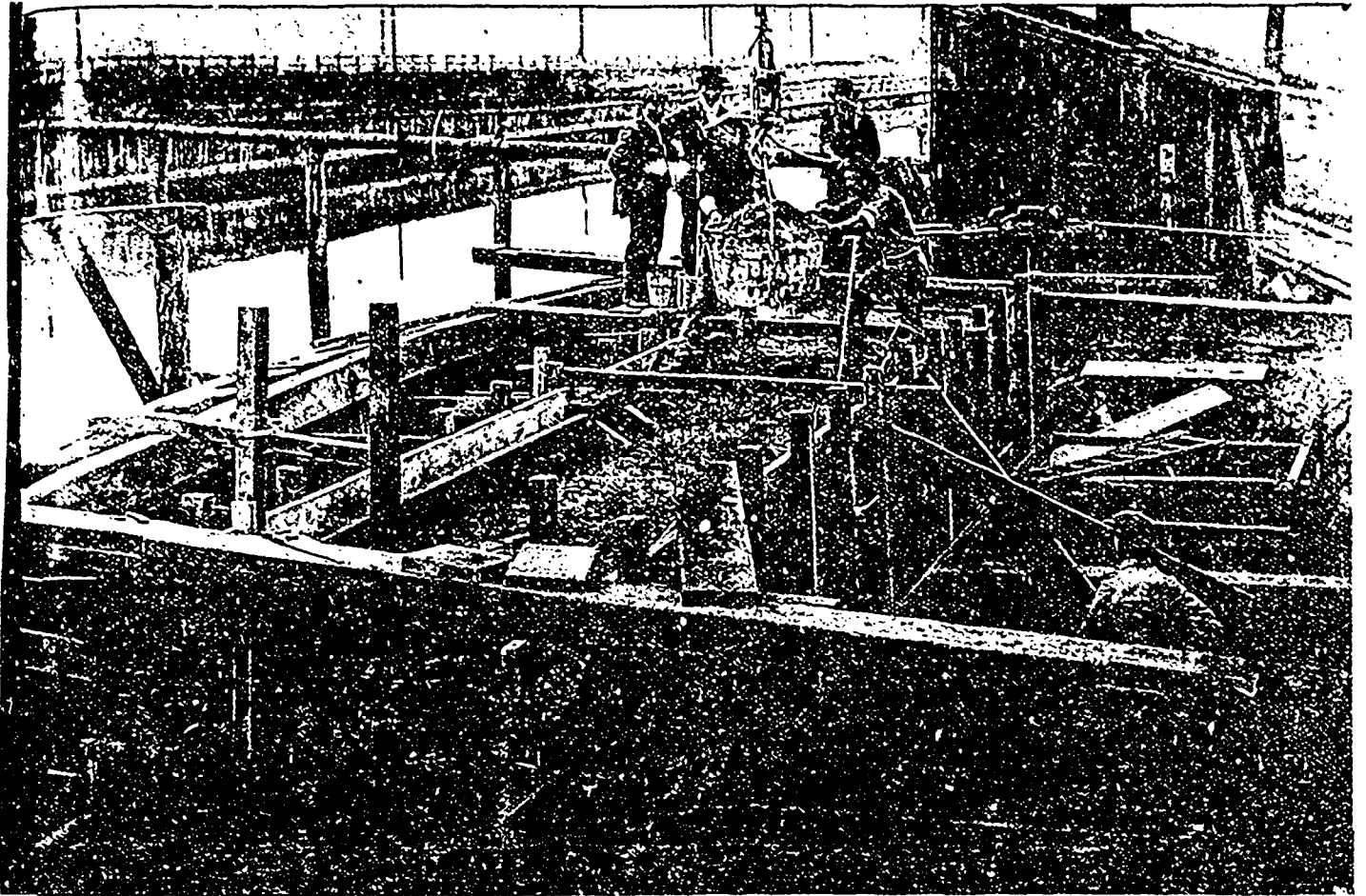
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TORONTO MONTREAL ST. JOHN HALIFAX



EASTERN AVENUE BRIDGE OVER DON RIVER, TORONTO—EAST ABUTMENT.

\$3,500. B. G. Austin, four two-storey and attic detached brick dwellings, east side Margueretta street, cost \$7,200; also three-storey brick and stone store, north west corner Margueretta and Bloor streets, cost \$4,000; Capt. Triggs, two-storey and attic brick residence, south side Walker avenue, near Yonge, cost \$3,600; J. A. Goddard, three-storey brick and stone storehouse, rear 289-91 Arthur street, cost \$2,500; James Dale, two dwellings, 17 and 19 Withrow avenue, cost \$3,000; William Maywood, residence, 116 Wright avenue, cost \$2,500; Toronto General Hospital, pair two-storey, semi-detached, brick-front, roughcast dwellings, south side Wilton avenue, near Sackville street, cost \$2,000; North American Life Insurance Company, two additional brick storeys to office, 112 to 118 King street west, cost \$5,000; Saunders & Crottie, pair of brick dwellings, Margueretta street, cost \$3,000; R. G. Remedy, store on Margueretta street, cost \$1,000. Remhardt & Co., Mark street, want tenders for a brick hotel. —The Knights Templar are considering the erection of a temple, at a cost of \$5,000.

DURHAM, ONT.—The Durham Fur-

Good Roads Machinery Co. (Registered)

JOHN CHALLEN, Manager, HAMILTON, ONT.

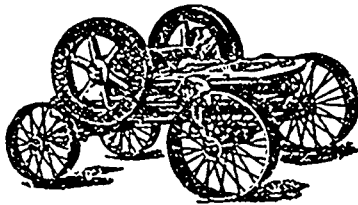
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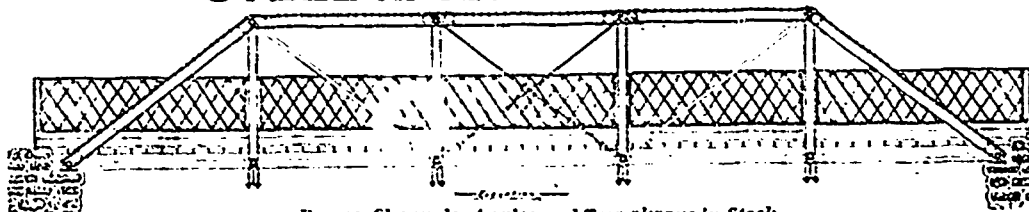


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Steel Roofs and Every Description of Steel Lattice

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Estimates Furnished on application.

nitire Co. are taking tenders for addition to factory.

TIBBSSALON, ONT.—Dobie & Co will make additions and improvements to their store.

ANDOVER, N.B.—James Tibbits asks tenders up to August 10th for purchase of \$1,000 debentures.

NELSON, B.C.—The school trustees have accepted the plans of A. Cui architect, for new \$20,000 public school.

DIGBY, N. S.—Rev. H. A. Devoe has purchased property on First avenue on which he will erect a Christian church.

CHATHAM, ONT.—James Carswell, architect, is preparing plans for a four room school at Tecumseh, Ont., to cost \$5,000.

BARWICK, ONT.—The municipality of Chapple has for sale \$300 school debentures. Particulars from Isaac Feron, treasurer.

PETERBOROUGH, ONT.—The Central Milling Co. are asking for tenders up to August 5th for erection of a mill building. Plans at office of W. H. Hamilton, Simcoe street.

ALVINSTON, ONT.—Tenders close August 3rd for purchase of \$1,800 debentures. Address W. G. Willoughby. —I. Lindsay will take tenders up to August 3rd for the construction of drain.

ST. CATHARINES, ONT.—Two tenders were received by the council for construction of the Queenston street bridge. The tenders were not satisfactory and it is probable that new bids will be invited.

SAULT STE. MARIE, ONT.—H. R. Halton, architect, is asking for ten-

ders for plumbing and heating of new hotel to be built by J. H. Morin at Sudbury.—The same architect is preparing plans for a brick residence for Dr. Struthers.

St. JOHN, N.B.—E. A. Manning, secretary School Board, invites tenders up to August 1st for heating Winter street school by hot water.—F. N. Brodie, architect, invites tenders up to August 3rd for remodeling Madras school building.

WINNIPEG, MAN.—Up to July 20th of this year the building inspector had issued permits for buildings aggregating in value \$1,150,000.—The city engineer has reported that the sewer on King street, from Sutherland avenue to Flora avenue, will cost \$3,900.

STRATFORD, ONT.—James Russell, architect, has prepared plans for a new double residence to be built by

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Can be graded from driver's seat to any volume.

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IMPROVED VERTICAL SPRAY

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E. H. Edit.—A by-law will be submitted to the ratepayers to provide funds for the completion of the sewage disposal works and another septic tank.

EDMONTON, N.W.T.—An agitation is on foot in favor of a sewerage system.

LITTLE CURRENT, ONT.—A by-law to provide \$1,500 for sidewalks and drainage was carried here last week.

DAVISVILLE, ONT.—William Porter and Miss Ross have purchased lots on Balliol street on which to build residences.

SYDNEY, N.S.—It has been decided to erect a theatre here, to cost \$40,000, H. M. Whitney and A. C. Ross being interested.

WOLFVILLE, N.S.—A survey of the town for sewerage purposes is being made under the direction of F. W. W. Doane, C.E., of Halifax.

STURGEON FALLS, ONT.—The waterworks and sewerage committee have been authorized to select a steam plant for waterworks system.

BROMPTON FALLS, QUE.—It is said that Mr. Tobin, M.P., has completed arrangements for the erection of a pulp and paper mill at this place.

ST. PAUL, QUE.—Tenders are requested up to August 5th for construction of sewer outlet. Plans at office of J. E. Vanier, 107 St. James street, Montreal.

PEMBROKE, ONT.—The ratepayers, on August 13th, will vote on a by-law to raise \$14,000 for construction of a macadam roadway on Pembroke and McKay streets, and \$18,000 to pay for vitrified tile drain pipes, to purchase and install a new waterworks pump, and to make extensions to the waterworks system.

HAMILTON, ONT.—W. A. Edwards,

architect, has taken tenders for the erection of a four-storey warehouse on Macnab street south.—P. Patton has secured a permit for two brick dwellings on Locomotive street for E. L. Philips, cost \$2,100.—Charles Milss has secured a building permit for a brick dwelling on King street, cost \$1,800.

VICTORIA, B. C.—The Provincial Cabinet have approved of the plans for the new residence for the Lieutenant-Governor, and tenders will shortly be invited.—J. H. Gray, C.E., is organizing a surveying party to locate the route of the proposed Pacific Northern and Oninca Railway, from Kitimaat to Hazelton.

OTTAWA, ONT.—Plans are being prepared for the Dominion Astronom-

ical Observatory to be built on the Central Experimental Farm.—The city engineer is preparing plans to prevent freshets in New Edinburgh. It is proposed to construct dykes along the river.—Plans are also being prepared in the city engineer's department for the various subsidiary drains to be built in the different parts of the city owing to the completion of the main sewer. Work on these will be commenced in the fall.—The city council have rescinded the motion in favor of purchasing the Wurtemberg site for the contagious diseases hospital.—Alexander Fraser, W. C. Edwards, and other lumbermen, who have secured a franchise of the water power at Table Rock, on the Quebec side of the Chaudiere Falls, will develop 10,000 horsepower.—The Ottawa Im-



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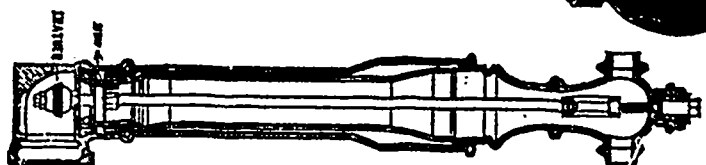
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provement Commission have decided to improve Redpath street and to confer with the city engineer in reference to the construction of a subway east of Elgin street—Building permits have been granted as follows: J. F. Maumder, Fourth avenue south, frame veneered dwelling, cost \$1,800; S. J. Davis, Jane street north, double veneered dwelling, cost \$2,500; Sir Sanford Fleming, stone addition to dwelling, Daly avenue north, cost \$6,000; A. Forster, brick-veneered building, Nepean street north, cost \$9,000.

MONTREAL, QUE.—S. Arnold Findlay and D. J. Spence are architects for the new buildings to be erected in connection with the Virden insane asylum, which will cost \$70,000. The isolation building will be two storeys, 230 x 40 feet, and the other building 45 x 50 feet. Both will be built of pressed brick.—It is likely that new tenders will be invited for lighting the streets of this city.—The Canadian Pacific Railway Co. propose extending their Laurentide branch northward from Labelle to Lake Nominique and thence across to River Lievere.—As yet no definite plan has been settled upon to raise the funds necessary to rebuild the Board of Trade building.—The Department of Railways and Canals at Ottawa has just taken tenders for paving part of Mill street, at the Lachine Canal.—The Great Northern Railway propose to reduce the distance between Ottawa and Montreal to 115 miles, joining Boute de L'Isle with Joliette by a railway and steel bridge.—The council of St. Louis du Mile End have adopted a by-law to borrow \$150,000 to finish the public improvements on new streets, including the laying of sewers and water pipe. The by-law will be submitted to the ratepayers.—W. E. Doran, architect, will receive tenders up to August 5th for all trades for packing house, killing house, etc., for the Lang Packing & Provision Co., Pt. St. Charles. Same architect will call for tenders shortly for a club house at Ottawa.—Building permits have been issued as follows: Joseph Ferran, three-storey dwelling, 1277 St. Andre street, cost \$1,600; P. Levain, two-storey dwelling, Aylwin street, cost \$2,500. (Naud & Germain, contractors); W. V. Dawson, three-storey dwelling, Cathedral street, cost \$2,000 (Robt. Findlay, architect; George Roberts, contractor); A. H. Sims, alterations to dwelling, 380 Pine avenue, cost \$5,000 (H. C. Stone, architect; David Scott, contractor); James Ross, one-storey building, 368 Peel street, cost \$4,000 (W. J. Carter, contractor); C. Sauriole, two-storey house, Huntley street, cost \$1,200; A. Bourgeau, house, 71-71A St. James street, cost \$8,000; A. Manelli, three-storey house, Wolfe street, cost \$2,000; F. M. Tremblay, 2 three-storey houses, 195 and 197 McCord street, cost \$6,500 (T. Bernard, contractor); Thomas O'Connell, two-storey house, Murray and Ottawa streets, cost \$5,500 (W. E. Doran, architect).

LONDON, ONT.—A petition is being circulated for construction of a tar macadam pavement on Talbot street.—Tenders for a 60 ft. wooden trestle bridge, to be built at Lot 12, Concession 8, will be received by M. Grant, clerk, London township, up to August

5th.—H. C. McBric architect, is calling for tenders for a double house on Burwell street, also a brick residence on King street, and is preparing plans for another brick residence on Burwell street and a double house on Waterloo street.—Herbert Matthews, architect, is calling for tenders for two new stores in Melbourne, Ont., for E. Richard.

CONTRACTS AWARDED.

WINNIPEG, MAN.—Ald. D. D. Wood and G. A. Mitchell have secured the contract for car sheds for street railway, to be of brick on stone foundation, 250 feet long, to cost \$53,000. The Vulcan Iron Works will supply the steel.

ST. JOHN, N.B.—The Maritime Art Glass Works, of this city, have secured the contracts for art glass for the new Catholic church at Douglas-town, St. John's Presbyterian church at Chatham, and Catholic church at Amiras Hill, N.S.

PETERBOROUGH, ONT.—Construction of sewers: John E. Hayes, successful tenderer.—For erection of bridge over Douglas creek the contract for substructure has been let to Charles Wynn, and that for superstructure to Hamilton Bridge Co.

BROCKVILLE, ONT.—The James Smart Mfg. Co. have secured contracts for warming and ventilating

the following buildings with their "Kelsey" warm air generators: New hotel being erected at Rapid City, Man.; Arthur Public School, Arthur, Ont.; Norfolk street Methodist Church, Guelph, Ont.; building of three stores at Gore Bay, Ont.; residence of Dr. Caldwell, Peterborough, Ont.

TORONTO, ONT.—H. R. Ives & Co., of Montreal, have secured the contract for ornamental iron work for the new hotel on King street.—The Board of Control awarded contracts on Monday last as follows: Track allowance pavement, Lansdowne avenue, Bloor street to Royce avenue, W. F. Grant & Co., \$11,065; concrete sidewalk, Avenue place, A. Chamberlain, 40 cents per lineal foot; Wellington street, Bay to York, Harvard Paving Company, \$1.53 per lineal foot.

WINDSOR, ONT.—A site for the Carnegie public library has not yet been agreed upon.

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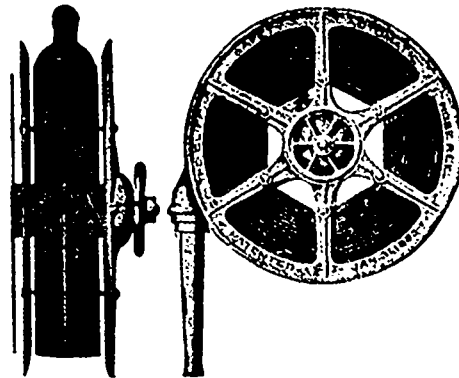
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1. The location and approximate extent of artificial stone side walks to be laid under these specifications are as follows:

2. The corporation shall remove the old plank, stone, brick, and other sidewalk from the street before the construction of the new walk shall be commenced by the contractor, all such material being the property of the town, to be disposed of as the engineer may direct.

3. All excavated earth, stones, posts, stumps, other obstacles or rubbish shall remain the property of the town, to be removed by the contractor to such a point or points as the engineer may direct; if not hauled for a distance exceeding one half m.e., such removal to be without extra charge.

4. The walk shall be laid to the lines and levels given by the engineer. No stakes or bench-marks placed for this purpose by the engineer shall be moved or effaced by the contractor without the permission of the engineer so to do.

5. The space over which the walk is to be laid shall be excavated to a depth of twelve inches below the elevation of the finished walk in accordance with the plans and profiles, on file at the office of the engineer. Perishable or objectionable material shall be removed to a further depth, to secure a firm foundation if so required by the engineer. Such excavation in excess of twelve inches shall be filled with gravel, or other material approved by the engineer, and the bottom of the sub-grade thus obtained shall be then made thoroughly firm and solid by pounding or rolling. For all excavation or filling,

ordered by the engineer in excess of twelve inches below the grade of the finished walk, the contractor shall be entitled to the sum of 35 cents per cubic yard.

6. A porous tile drain shall be laid centrally beneath the walk, to the depth, grade, of such diameter, and carried to such outlets as are specified upon the plan and profile on file at the office of the engineer; and tile drains for carrying surface and other water through or under the walk shall be laid as indicated upon the aforesaid plan and profile. All tile used shall be of the best quality of clay, manufactured expressly for drain purposes, in lengths not less than one foot, and of uniform diameter throughout. All earth excavated in the laying of these drains shall be returned to the trench, being thoroughly rammed and pounded in layers not exceeding one foot in thickness, and rendered perfectly firm and solid, to the satisfaction of the engineer. When sewer pipe is required in place of common tile, such pipe shall be furnished to the contractor by the engineer; and shall be laid in all respects to the satisfaction of the engineer.

7. Upon the sub-grade thus excavated, drained and consolidated, shall be spread a layer of clean gravel or broken stone to be thoroughly wetted, rolled or pounded, and brought to an even surface. The layer of gravel or stone so placed shall have a thickness of seven inches; and shall be uniformly not less than five inches below the surface of the finished walk, having preference thereto.

8. Upon the foundation thus prepared, a layer of concrete shall be laid in the following manner: It

shall be composed of one part by measure of fresh cement, of a quality approved by the engineer, and in accordance with the specifications for such elsewhere herein described; three parts by measure of clean, sharp sand; and four parts by measure of broken stone of such a size as will pass through a two-inch mesh. (Or where gravel is used the concrete shall be composed of one part of cement and five parts of clean gravel.) The concrete shall be mixed on a water-tight platform placed close to the work, by first spreading evenly a layer of sand; upon this shall be evenly spread the proportionate quantity of cement and the two thoroughly mixed while dry. To this water shall be added and the whole thoroughly mixed and brought to the consistency of mortar. The proportionate amount of stone shall then be spread evenly over this mortar and thoroughly intermixed therewith. The concrete when mixed as aforesaid, shall be immediately put in place and thoroughly pounded until it has an even surface, is perfectly and uniformly solid, and is four inches in depth over the foundation and within one inch of the finished surface of the walk. Slab or flag divisions shall then be marked off, sixteen feet in area, the joints to be filled with clean sand or other approved separating material.

(To be continued next week.)

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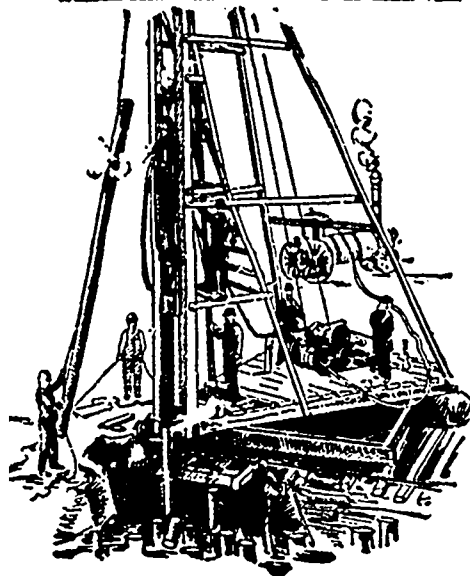
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