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CANADIAN CONTRACT RECORD

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

EVERY THURSDAY

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. 8.

MARCH 11, 1897

No. 6.

THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY THURSDAY

As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.

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TENDERS

Tenders will be received by the Architect, G. W. Gouinlock, 53 King Street East, Toronto, up to 12 O'CLOCK, NOON, ON SATURDAY, THE 13TH OF MARCH, for the

SLATE AND MARBLE WORK

required in the Temple Building, Toronto. Plans and specifications may be seen and all information obtained on and after Monday, the 8th of March, instant, at the office of the architect.

The lowest or any tender not necessarily accepted.

ORONHYATEKHA, S.C.R., I.O.F.

NOTICE TO CONTRACTORS

Sealed Tenders, addressed to the undersigned, and endorsed "Tenders for School," will be received until noon on

Monday, the 22nd Day of March, A.D., 1897, for the Building of a Union School at the Village of Newcastle.

Plans and specifications of the proposed school can be seen either at the office of the undersigned or at the office of the Architects, MESSRS. CURRY, BAKER & CO., No. 70 Victoria Street, Toronto.

Conditions as to manner, form and requirements of tenders are annexed to the said specifications.

The lowest or any tender not necessarily to be accepted.

Dated at Newcastle this 6th day of March, A.D., 1897.

GEORGE CURTIS,
Sec'y Board of Education for the Village of Newcastle.

CONTRACTS OPEN.

JERSEYVILLE, ONT.—William Hariot intends erecting a new residence.

RICHMOND, QUE.—Tenders are asked for lighting the town by electricity.

THESSALON, ONT.—The Presbyterians intend erecting a church next summer.

BLENHEIM, ONT.—Chatham lodge I O.O.F. have decided to erect a \$15,000 block.

PORTSMOUTH, ONT.—The Presbyterians are agitating for the erection of a church.

BELLE RIVER, ONT.—It is the intention of the residents to build a cheese factory this spring.

BRANDON, MAN.—It is stated that Thomas McLea will erect a residence next summer.

RIDGETOWN, ONT.—The congregation of the R. C. church will build a residence, to cost \$1,200.

ELMIRA, ONT.—St. Jacob's Evangeline church have decided to build a new parsonage this summer.

LEAMINGTON, ONT.—Mr. Selkirk, postmaster, will erect a two-storey building to be used as a post-office.

GALT, ONT.—The town proposes to spend \$50,000 on street improvements during the next three years.

FORT FRANCES, ONT.—The Ontario government will be asked to erect a reduction plant at this point.

SANDWICH, ONT.—A by-law will be voted on to raise \$10,000 for improvements to the court house and jail.

ORMSTOWN, QUE.—St. Paul's Presbyterian church congregation propose to erect a hall for congregational purposes.

SANDRINGHAM, ONT.—Tenders for the McGregor Creek drain close on Saturday next. R. C. McGregor, township clerk.

SARNIA, ONT.—The Bushnell Oil Company has purchased the Alpha Refining Works here and will reconstruct the buildings.

AVLNER, ONT.—The town council are considering the question of building a new fire hall and making improvements to the town hall.

FERGUS, ONT.—A committee appointed at the annual meeting of Melville church have reported in favor of the erection of a new church.

KINGSTON, ONT.—Arthur Ellis, architect, is preparing plans for a brick residence for Doctor Gardiner, to be erected at Seely's Bay.

MONCTON, N. B.—Authority is sought from the Provincial legislature to raise \$40,000 by debentures for erecting a new school building.

STONEY CREEK, ONT.—The township council have decided to submit a by-law to the ratepayers for the erection of a town hall for Saltfleet.

STURGEON FALLS, ONT.—Tenders are invited by W. A. Cockburn until the 12th inst. for an electric light franchise for a term of ten years.

SYDNEY, N. S.—A bill has been introduced in Parliament to enable the town to borrow money for the extension of its waterworks system.

COLCHESTER SOUTH, ONT.—P. O'Connor will shortly let the contract for a new residence. Work will commence about the 1st of May.

CALGARY, N. W. T.—The city council has decided to build a steel bridge over the Elbow, estimated cost \$3,000. Money to be raised by debentures.

KEEWATIN, ONT.—The Dick-Banning water power is reported to have been purchased by an Ottawa syndicate, who propose erecting reduction works.

STRATFORD, ONT.—The city council will purchase a steam road roller.—The township council of West Zorra is considering the purchase of a road grader.

WINDSOR, ONT.—The town is considering a proposition made by the C. P. R. to erect an elevator, to cost not less than \$100,000. A bonus of \$25,000 is asked.

ST. STEPHEN, N. B.—Captain Stevenson, architect, has prepared plans for the proposed town hall, which will be of brick, two stories and basement, with modern improvements.

GUELPH, ONT.—J. Hutcheon, city engineer, will receive tenders until Friday, the 12th inst., for the building of a bridge on Wellington street, to be either stone arch, iron, or wooden truss.

COLLINGWOOD, ONT.—J. B. McFayden proposes erecting a modern brick stable.—Mr. A. W. Campbell, road commissioner, recently delivered an address on the subject of road improvement.

STOFFVILLE, ONT.—The question of procuring a water supply is under consideration.—Mr. James McDougall, C. E., of Toronto, recently made surveys and will report on the cost of building a reservoir at the springs, about two miles north of the town.

GODERICH, ONT.—The International School Teachers' Home Association of the State of Missouri have secured a large tract of land at Menesetung Park, adjoining

this town, on which buildings will be erected and a bicycle track constructed.

THORNHILL, ONT.—The idea of establishing a large sanitarium in connection with the springs is being considered by the proprietor.

PARRY SOUND, ONT.—The new dock to be built in connection with the O. A. & P. S. Railway will be nearly 8,000 feet in length. Two elevators will be built on the north side of the dock.

PERTH, ONT.—Mr. Mignault, C.E., acting for Mr. Charlebois, was here last week taking surveys of the town. Mr. Charlebois contemplates making an offer to the town to construct both waterworks and sewerage systems.

PETERBORO', ONT.—The council has decided to build sewers this summer on seventeen different streets.—A deputation from Harvey township have requested the Ontario government to grant \$1,000 towards the construction of a dam improvement on the Squaw river.

LINDSAY, ONT.—A special committee appointed by the town council have recommended the adoption of a system of sewerage proposed by Mr. Willis Chipman, C.E., of Toronto. It is probable that steps will be taken at once to carry out a portion of the work.

NIAGARA FALLS, ONT.—Preparations are being made for proceeding with the construction of sewers. The sum of \$109,000 was authorized for this work, \$49,000 of which was spent last year. It is probable that the balance will be expended during the present season.

VANCOUVER, B. C.—The city council have accepted the offer of the Rothschild syndicate to build a large smelter.—The by-law to borrow \$70,000 for the erection of three new schools was carried by the ratepayers.—The C. P. R. is advertising for tenders for the construction of branch lines from Slocan Lake to Kootenay river, a distance of 31 miles.

RAT PORTAGE, ONT.—The C. P. R. will expend about \$150,000 here. The round house is to be moved north of the track, a new stone station erected and docks built.—The trustees of the Methodist church propose to erect a new edifice on a site adjacent to the present building.—George Drewry proposes to erect a new block, to cost \$15,000.

CHATHAM, ONT.—An agreement has been reached between the city council and Mr. L. E. Meyers, of Chicago, by which the latter agrees to undertake the construction of the Chatham City & Suburban Electric Railway. Mr. G. F. Franklin, of Toronto, is one of the promoters of the enterprise.—The city council have accepted plans for a new market building, to cost \$10,000.

HUNTSVILLE, ONT.—Reese Hutchinson interviewed the Commissioner of Crown Lands at Toronto last week with a view to expediting the passage of the bill to ratify the electric light and waterworks by-laws.—G. M. Miller, architect, of Toronto, will prepare plans for a new Methodist church to be built here, to be solid brick, 72 x 46 feet, with stone basement. Tenders will be invited shortly.

HAMILTON, ONT.—M. B. Thomas is asking for tenders for mason work required at Clime's and Dundas Creek bridges.—Mr. Barrow, city engineer, has decided that the bridge over the main line of the Grand Trunk Railway at the Height's Road should be lowered 8 feet.—E. B. Pattison has taken out a permit for additions to Dowsell Bros.' factory, corner of Bay and Murray streets, to cost \$1,200.—Wm. Kavanagh has taken out a permit for a brick addition to the Commercial Hotel, to cost \$1,800.—The Trustee Board of Hannah street church have decided to rebuild their schoolhouse. A committee has been appointed to consult

an architect with a view of having some changes made in the interior.

WINNIPEG, MAN.—The authorities of Manitoba University have under consideration the erection of a university building.—Tenders are being received this week by Charles E. Kerr, 467 Main street, for remodelling the Bijou opera house. C. H. Wheeler, architect.—The city council has given notice of its intention to construct macadam roadways on the following streets: York avenue, cost \$6,053; Logan avenue, cost \$12,083; Hargrave street, cost \$11,363; Fonseca street, cost \$6,536.—Messrs. Gordon & Ironside state that the proposed abattoir will cost \$23,000.

MONTREAL, QUE.—A. Prefontaine is preparing plans for a convent to be erected for the Rev'd Sisters of the Sacred Name of Jesus and Mary. Tenders will be invited in a few weeks.—A deputation from this city interviewed the Dominion government regarding a subsidy for the South Shore Railway Company, to build a road from Sorel to Levis.—It is understood that the Grand Trunk Railway will double-track their line from St. Hyacinthe to St. Lambert.—The fire committee are looking for a site for a new building to replace No. 7 fire station.—The detailed working plans for the proposed bridge of the Montreal Bridge Company are being prepared, and it is hoped to commence work this summer.

LONDON, ONT.—The Grand Trunk Railway Company will rebuild a number of bridges between London and Windsor. These, it is understood, will be of iron, with solid masonry abutments. Bridge inspector Lucas has plans for five of the proposed bridges on view at his office here.—Dr. Niven is promoting a scheme for the erection of a new general hospital in commemoration of the Queen's diamond jubilee.—W. Matthews, architect, has recommended that two new coal furnaces be placed in the Collegiate Institute.—The new church for the South London Baptist congregation will be of brick, with stone basement, 40 x 60 feet, estimated cost \$9,000. Burke & Horwood, Toronto, architects.

TORONTO, ONT.—Tenders are asked by Mr. G. W. Gounlock, architect, until noon on Saturday, the 13th inst., for the slate and marble work required in the Temple Building, Bay street.—A meeting of interested persons was held at Victoria College last week to discuss the erection of the Barbara Heck College for Women, a residence for lady students of Victoria College. The late Hart A. Massey left \$50,000 towards the building of this institution, and an additional \$50,000 is required to erect a suitable building. Rev. Dr. Potts is one of the promoters.—Property owners on Walmer road, between Bloor and Lowther avenue, have requested the City Engineer to construct a brick pavement on concrete pavement upon that street.—Plans of a new school building to be erected at Newcastle, Ont., are on view at the office of Curry, Baker & Co., 70 Victoria street.—The City Engineer has reported that the following works are ready to be tendered on: Asphalt pavement on Front street, from Church to Yonge streets, and on Carlton avenue, from Ontario street easterly; brick pavement on Hazleton avenue, from Yorkville ave. to Davenport road; brick pavement on Johnston street.—The Nobel Explosive Co., manufacturers of dynamite, are looking for a Canadian site, and may erect a manufactory in this city.—Strickland & Symons, architects, are receiving tenders this week for the erection of two brick houses in Parkdale.—R. J. Edwards, architect, asks tenders for the construction of a cottage on Toronto Island. Plans at office, Canada Permanent Building.—We are in a position to state that the plans for the proposed additions to the British

America Assurance Co.'s building, corner Yonge and Wellington streets, have been prepared by a prominent local firm of architects. Three stories will be added.

OTTAWA, ONT.—The director of the Geological Survey, in his annual report, calls attention to the necessity of a modern and larger building.—Improvements to the waterworks plant will likely be carried out at an early date. A committee of the waterworks committee has recommended the addition of a \$60,000 steam plant, and among other improvements the following: New buildings in Central and Wellington wards, \$12,000; one hook and ladder truck, with extension, \$3,000; engine and hose waggon, \$5,500; combination chemical and hose waggon, \$3,000; 1,000 feet 3½ inch hose for hose wagon, \$1,100; alterations in Central station to accommodate chemical engine and large hose wagon, \$3,000; one new truck, \$3,000; new steamer and hose wagon, \$5,500; new station in Ottawa ward, \$5,500.—A new three-storey hotel, 70 x 36 feet, is to be erected at Besserer's Grove. The wharf will also be rebuilt.—The Cuzner property has been sold to the Ottawa Investment Co., who will make improvements.—It is the intention of the American Bank Note Company to erect a five-storey brick building, absolutely fire-proof, costing between \$30,000 and \$40,000. Messrs. Arnold & Ewart are preparing the plans. At a later date the company will erect a building similar in size upon Wellington street, and will utilize their Sparks street property by erecting another building.—The Ottawa Amateur Athletic Club have decided to erect an addition to their building, which will include bowling alleys, shooting gallery, gymnasium, etc. Mr. Calderon has prepared the plans, which show a building to cost \$17,000.—R. Tobin has disposed of ten building lots in the Sandy Hill section, on which dwellings will be erected.—The Masonic fraternity propose to erect a new building, 40 x 90 feet, with basement, and large hall on the first floor, estimated cost \$16,000.—The new pavilion to be erected at the West End Park by the Ottawa Electric Railway Company will have a seating capacity for 2,000 people, and will cost about \$10,000.—The Ottawa capitalists who comprise the Prescott Elevator Company have ordered six steel barges, to be completed for the opening of navigation.—The Superior of St. Joseph's Orphans Home has purchased eleven acres of land near this city, on which it is intended to erect an orphanage, to cost in the vicinity of \$40,000.

FIRES.

The Waterloo street Methodist church at Stratford, Ont., was almost totally destroyed by fire on the 3rd inst.; loss \$9,000, covered by insurance.—A large grist mill at Thurso, Que., owned by Black & Co., was destroyed by fire last week. The loss will reach \$7,000.—A small residence at Guelph, Ont., owned by Mrs. Jarvis, has been destroyed by fire.—The dry goods store of Myraud & Pouliot at Quebec was gutted by fire on the 7th inst. The total loss is about \$35,000, a small portion of which is on the building.—Hannah street Methodist church at Hamilton was damaged by fire to the extent of \$2,200.—A \$10,000 fire occurred in the furniture and undertaking establishment of T. F. Harrison & Co., of Kingston, last week.—The American hotel at Forest, Ont., owned by J. G. Johnson, was destroyed by fire on Tuesday last. The loss is estimated at \$4,000, partially covered by insurance.—The Grand Central hotel at Tilbury, Ont., has been burned, at a loss of \$7,500. The building was owned by J. A. Aubin, of McGregor.

H. Burgess, contractor, Ottawa, Ont., is announced to have assigned to P. Mutchmor.

CONTRACTS AWARDED.

MIDWAY, B. C.—The contract for a water supply has been given to Mr. Glazer, of Greenwood City.

DASHWOOD, ONT.—H. Willert has secured the contract for erecting a new school house, at the price of \$1,756.

TORONTO, ONT.—The contract for dredging Toronto harbor has been let to Simpson & McNamee, at about 11 cents.

AMHERST, N. S.—The contract for castings for the Intercolonial railway has been let to Rhodes, Curry & Co., of this town.

WOODSTOCK, ONT.—Schultz Bros., of Brantford, have been awarded the contract for the inside finishing of the new Knox church, at a price about \$3,000.

MOUNT FOREST, ONT.—Contracts for a red brick cottage for Wm. Nichol have been let as below: Mason work, T. Trout; carpenter work, Duffield & Till.

HARRINGTON, ONT.—The successful contractors for the Presbyterian manse are: Stonework, Geo. Murray; carpenter work, Jas. McKay; brick and plastering, Chas. & Wm. McKay, of Embro.

HULL, QUE.—The following tenders were received for erecting the new school. Fortin & Gravelle, \$13,728; Chatillon & Lapensee, \$12,010; Richard & Back, \$11,478; Jos. Bourque, \$11,275 (accepted).

HUNTINGDON, QUE.—The contract for the new steel bridge to replace the present Murray bridge has been let to A. Rousseau & Co., of Montreal, for \$1,225. The only other tender was that of the Dominion Bridge Co., at \$1,360. The length of the new iron bridge will be 111 feet.

WINNIPEG, MAN.—Tenders for debentures to the value of \$140,225 were opened by the Finance Committee last week. Those submitted by Osler, Hammond & Nanton for \$121,222, seven years, 100.63 per cent., and their bid of 102.23 per cent. for \$10,000, 35 years, were accepted; also the tender of S. T. Bartlett, Montreal, of \$8,724.30 for \$8,603, 15 years' debentures.

KINGSTON, ONT.—W. Newlands, architect, has let contracts for the erection of a dwelling for Sergt. Snodden, as follows: Masonry, A. Newlands; painting and glazing, A. McMahon; carpentering, T. Brooks; plumbing and tinsmithing, Simmonds Bros. & Pollie.—Arthur Ellis, architect, has let contracts as follows for J. C. Hamilton's brick residence: Masonry, Watts & Langdon; carpenter work, R. N. F. McFarlane; plumbing, hot water heating, metal work and gasfitting, C. D. Chown; painting and glazing, Thos. Orrell.

MONTREAL, QUE.—Contracts have been awarded as follows by Wells & Reaside, architects, for a factory at St. Jerome for the Boston Rubber Co., Ltd. Brickwork, P. C. Gratton; carpentry, F. Fillion; plumbing, R. Mitchell & Co.; roofing, F. F. Powell; ironwork, Dominion Bridge Co.—Walter Livermore, architect, has awarded contracts as below for a tenement house to be erected for William M. Laurie, 60 Anderson street. Stonework, A. Charette; brickwork, A. E. Wand; carpenter work, A. & D. Kneen; roofing, D. Nicholson & Co.; plumbing and heating, J. W. Hughes; plastering, H. Contant; painting and glazing, W. J. Ryan. Same architect has let contracts as follows for a cottage for Samuel Conroy, 127 Abbott avenue, Westmount: Stonework, Robert Sharp; brickwork, W. H. Boon; carpenter work, R. Sharp; roofing and flooring, D. Nicholson & Co.; plumbing and heating, J. W. Hughes; plastering, Knott & Gardner; painting and glazing, G. E. Blackwell. The same architect has also awarded the following contracts: Tenement houses for Henry Shippel, Wolfe street—stonework, Jos. Roch; brickwork, J. W. Peel; carpenter work, J. A. Anderson; roofing and flooring, G. W. Reed;

plumbing and heating, J. Date; plastering, Knott & Gardner; painting and glazing, C. A. Houghton. Tenement house for John Parish, Conway street, Point St. Charles—Stonework, John Matheson, brickwork, A. E. Wand, roofing, G. W. Reed; plumbing and heating, Carroll Bros.; plastering, Knott & Gardner; painting and glazing, H. W. Boon, carpenter work not let.

THE DISTRIBUTION OF PRESSURE IN PIERS.

Herr Rudolf Mayer, of Vienna, contributes a valuable article to the Zeitschr. des Oesterr. Ing. u. Arch. Vereines, showing that the customary idea that the pressure of a pier upon its foundation is uniformly distributed over the entire area is subject to revision.

If we imagine the foundation of a pier to be composed of some elastic, yielding material in layers or courses of constantly-increasing area, we see that the weight of the pier would cause the sole of the foundation to bend down in a convex shape, the pressure being at a maximum directly beneath the axis of the pier and diminishing outward in all directions. When the foundation is composed of a rigid material, this diminishing distribution of pressure still exists, and Herr Mayer shows by diagrams the rate at which it diminishes with each course of the foundation masonry. Thus, for a foundation of 10 courses of stone stepping out uniformly from the base of the pier downwards, it is shown that 75.4 per cent. of the load is borne by that portion of the foundation directly beneath the projection of the base of the pier, while 12.3 per cent. is carried by the outer portion.

Following out the same analysis, it is

shown that, no matter how deep the foundation is carried, the minimum pressure carried by the lowermost course directly under the axis of the pier is 50 per cent. of the pressure at the top of the foundation.

Finally, the author reduces the law that, for tall piers, the point at which the relative load upon that portion of the foundation which lies directly under the vertical projection of the pier reaches the minimum of 50 per cent. is found at a depth of foundation equal to one half the height of the pier.

USEFUL HINTS.

CLEANING MARBLE.—It is often the case that handsome marble becomes almost hopelessly soiled and there is a demand for a simple, practical recipe for restoring it. The following, from an excellent authority, is highly commended: Take equal parts of ox gall, powdered soap and pipeclay, and add a little turpentine. Apply a coating to the marble, and when thoroughly dry rub it off and wash with warm water. This will cleanse without destroying the polish. If the marble is badly stained a second application may be necessary.

GOLD SIZE.—The following is an old-fashioned formula for making gold size: Put 10 gals. of oil into an iron-set pot, make a good fire under it, boil for two hours, then introduce 7 lb. of red lead, 7 lb. litharge, and 3 lb. white coppers. When the oil has boiled about three hours and the driers are all in, fuse in the gum pot 10 lb. of gum anime, and while fusing heat 2 gals. raw linseed oil, mix; when boiled clear pour it into the oil in the set pot. Fuse another 10 lb. gum anime, and treat exactly as before, also running the result into the oil in the set pot. Boil until it can be rolled into pills on cooling, and thin with 30 gals. of turpentine.

THE Authorities at Ottawa have been investigating the merits of the new Wall Plaster, known as

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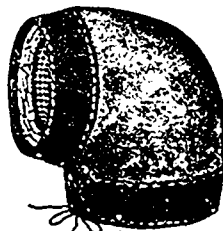
which is nearly the pure product of Asbestos, and possesses all the remarkable qualities of that mineral, being Absolutely Fire-Proof, and as a Plaster, Cohesive and Elastic, besides allowing a Perfect Surface Finish. The result of such examination and investigation, from actual work done in Ottawa, and the opinions of eminent Architects, is to prove that it is all that it is claimed to be. A large order has been given for this material, which is to be used in the reconstruction of the Parliament Buildings, lately destroyed by fire.

The Authorities have shown great wisdom in their choice, as the cost over ordinary plaster is very trifling, and the advantages so manifest to every Architect who has given this remarkable production careful attention, that it cannot fail to commend itself as a positive assurance of safety against fire risk, entailing the minimum of cost for such an object.

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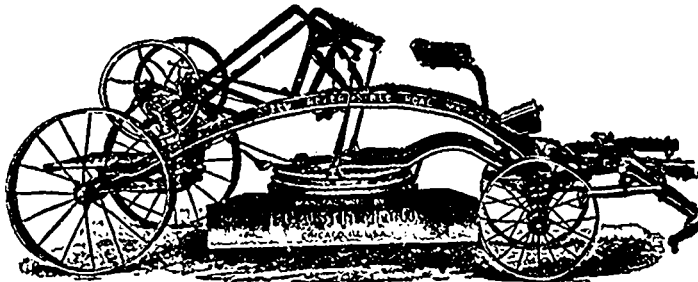
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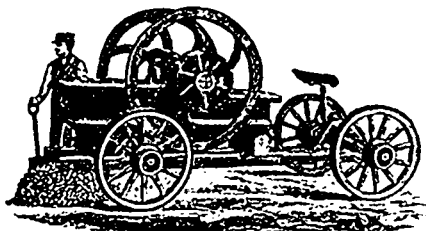
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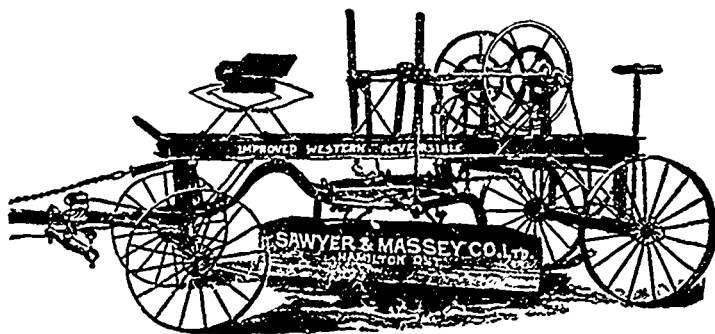
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WATERWORKS ARBITRATION CASE.

An important arbitration case was heard at Cornwall last month, to determine the price which the town should pay for the purchase of the waterworks system. The Board of Arbitrators, composed of His Honor, Joseph E. McDougall, of Toronto, as umpire; His Honor, R. B. Carman, of Cornwall, on behalf of the Cornwall Waterworks Company, and John Kennedy, of Montreal, arbitrator on behalf of the corporation of the town of Cornwall, concluded the taking of evidence on the 24th of February, which extended over a period of three weeks, and adjourned the argument until the 14th of April next.

The corporation of the town of Cornwall was represented by Mr. James Leitch, Q.C., of the firm of Leitch & Pringle, and Mr. D. B. McLennan, Q.C., of the firm of McLennan, Liddell & Cline, acted on behalf of the Cornwall Waterworks Co. The evidence, which was very lengthy and largely of a technical character, was taken by Miss L. M. Sager, chartered stenographer. Mr. Willis Chipman, C.E., of Toronto, assisted Mr. Leitch in the preparation of the case for the town, and J. E. Vanier and James Laurin, civil engineers, of Montreal, assisted Mr. McLennan in the case for the Waterworks Company.

The Waterworks Company called as professional witnesses John F. Moffett, Henry C. Hodgkins and Francis Peck, civil engineers, of New York; George B. Bassett, C.E., of Buffalo, and William Gower, of Montreal, to give professional evidence as to the character of the works and their value.

The corporation of Cornwall had, besides Mr. Chipman, the following professional gentlemen to testify. J. L. Weller, C.E., Cornwall; John Dyer, C.E., of the Caledonia Iron Works, Montreal; E. A. Wallberg, C.E., of Montreal; T. H. Wiggins, C.E., Cornwall; Charles A. Moran and John Inglis, Toronto; Wm. Garson, of St. Catharines; George Crain, of Brockville, and several others, who also testified as to the value of various portions of the works.

There was considerable divergence in the estimate of the value of the works. The Waterworks Company claimed \$140,000, and the witnesses on behalf of the town put their value at about half that figure.

Several important questions of law are involved in the case. The works were purchased by Mr. D. A. Flack, a prominent citizen of the town of Cornwall, some five years ago, at a time when they were not paying. Mr. Flack, by careful management and by extensions, has succeeded in making them remunerative, and his contention is that, notwithstanding that it will cost less to erect the works now than it did ten years ago, yet their earning power should be taken into consideration. His counsel also contends that the franchise which the company have in the township of Cornwall, giving the right to furnish water to the inhabitants of Lorneville, Gladstone and Beaconsfield villages, which surround the town of Cornwall, should be taken into account in estimating the value of the works.

Counsel for the corporation of Cornwall contends that the wording of the Gas and Water Act is conclusive. It provides that arbitrators shall estimate the value of the works, having regard to what the works would cost if now built, and that the earning capacity of the works and the franchise are excluded from the consideration of the arbitrators.

The Waterworks Company also claim for the cost of laying a second line of pipe across the Cornwall canal, which was very expensive and difficult, and which was occasioned by the enlargement of the Cornwall canal interfering and rendering useless the first line of pipe.

It is contended on behalf of the town that this crossing cannot be taken into account any more than the value of the buildings could be had they been burned down and restored by the company.

The case and the questions involved are of considerable importance, for the reason that there are several towns in Ontario in which waterworks have been constructed by proprietary companies, that are likely to take the expropriation proceedings that have been taken by Cornwall.

The only two cases of expropriation of a like character which have been tried in Canada are the Moncton, N. B., and Brockville, Ont., cases, and in both these cases Mr. Chipman was retained on behalf of the corporation.

The time for making the award has been extended until the 1st of June, but it is likely that the arbitrators will arrive at a decision shortly after the argument on the 14th of April.

After the arbitrators make their award, fixing the price to be paid for the works, a by-law will be submitted to the freeholders of the town providing for the taking over the works and for the raising of the compensation money by debentures. Should the by-law not be carried by a large majority of the ratepayers, the corporation of the town will have to pay all the costs incurred in the arbitration. However, as it has been the experience both in Moncton and Brockville that a considerable reduction was made in the water rates, and as the town will save over \$2,000 a year for hydrant rental, it is probable that a majority of the votes of the freeholders will be polled in favor of the by-law.

AN ACT RESPECTING TOWN COUNCILS.

A bill has been introduced in the Ontario Legislature by the Attorney-General which has for its purpose the lessening of the number of town councillors. The provisions of the bill are as follows.

1. The Council of every Town having a population of over 4,000 according to the last Canadian census, shall consist of Mayor, who shall be the head thereof, and of two Councillors to be elected by a gen-

eral vote of the municipal electors in the town, and two Councillors for each ward, to be elected by the vote of the municipal electors in the Ward, in the manner provided by The Consolidated Municipal Act.

2. The Council of every town having a population of not more than 4,000 by the last Canadian census, shall consist of a mayor, who shall be the head thereof, and of six councillors to be elected by general vote of the municipal electors in the town.

3. The Council of every incorporated village shall consist of a reeve, who shall be the head thereof, and four councillors to be elected by a general vote of the municipal electors of the village.

4. The Council of every township shall consist of a reeve, who shall be the head thereof, and four councillors, who shall, where the township is not divided into wards, be elected by general vote; and where the township is divided into wards, the reeve shall be elected by general vote, and one councillor shall be elected for each ward.

6. In the cases of councillors to be elected by or for a ward or by general vote, every elector may vote therefor, as heretofore, in each ward in which he has the necessary qualification; but in the case of mayor or reeve the elector shall, as at present, not be entitled to vote therefor at more than one polling place in the municipality.

7.—(1) Where Reeves are elected for municipalities within a junior county, they shall, upon the establishment of a provisional county council, be ex-officio members thereof.

(2) In the case of a town within a junior county for which no reeve is elected, the council of the town, shall upon the establishment of the provisional county council, elect one of its own members as a member thereof.

(3) The members so elected and the Reeves as aforesaid shall form the provisional council.

8. Sections 69, 70, 71 and 72, of the Consolidated Municipal Act, 1893, are repealed, and the foregoing provisions are substituted therefor; and whenever in the said Act it is provided that anything shall be done or suffered by or as to a reeve in municipalities in which, under this Act, Reeves will not hereafter be elected, or by a deputy reeve in any municipality, either alone or in connection with other officers, such provisions shall as to such reeve or deputy reeve, be deemed to be repealed by this Act; and all parts of the said Act which are inconsistent with this Act are repealed.

9 This Act shall apply to the next general municipal elections, and shall have effect thereat and thereafter, but not before.

Mr. A. M. Williamson, town clerk of Kincardine, Ont., is dead.

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CONDITION OF THE MARKET.

TORONTO: The decline in the price of cut nails has stimulated trade in that line slightly, but as yet there is very little volume to business. The combine which has existed for some years among some of the manufacturers in brass goods has been broken, and as a result it is anticipated that cutting of prices will follow. The movement in general hardware is light, which is no doubt accounted for in part by the uncertainty of tariff changes. Foreign markets in pig iron are depressed in view of excessive supplies.

MONTREAL: It was expected that the Dominion government would award tenders for cement, but this has been postponed until the 20th inst. There is very little demand from the west, and few local orders are reported. Some improvement is reported in paints and oils. Liquid paints are more asked for and business in this particular line is active. Turpentine has fluctuated in price, and now rests at 43 to 44 cents. Pig and bar iron are steady, but no contracts of any importance are reported.

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