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# CANADIAN CONTRACT RECORD

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

EVERY WEDNESDAY

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. 9.

MARCH 16, 1898

No. 7.

## THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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Telephone 4362.

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Information collected from any part of the Dominion regarding contracts open to tender.

Advertising Rates on application.

## TO ARCHITECTS

The undersigned will receive competitive plans and specifications for a new City Hall to be erected in the City of St. Thomas, until noon on THURSDAY, THE 14TH DAY OF APRIL, next.

Architects wishing to submit plans and specifications, can have full information sent them by addressing James A. Nell, City Engineer.

RICHARD SANDERS,  
Chairman City Hall Committee,  
St. Thomas, Ont.

## FOR SALE

### The Best Limestone Quarry in Ontario.

36 acres, conveniently situated on G. T. R., one mile north of Longford Station. The quarry is thoroughly equipped with good machinery, five guy derricks, two steam drills, a large duplex steam pump, engine, boiler, good house, large barn, blacksmith shop, etc. Quarry contains 21 stratified beds, varying in thickness from 2 to 28 inches. R.R. siding into quarry. Terms: part cash, balance easy; or would exchange for timber land. Apply TORONTO AND ONTARIO STONE QUARRY Co., Oshawa, Ont.

## WATERWORKS CONSTRUCTION FORT WILLIAM, ONT.

Sealed Tenders, addressed to the Secretary, will be received by the Board of Water and Light Commissioners up to 2 p.m. on

Monday, 4th April, 1898.

Lump tender wanted, covering all material and labor, for Power House, Pumping Machinery, Seven Miles of Main, Elevated Storage Tank, Etc.

Full particulars can be had and plans and specifications seen at Fort William and at the head office of the Consulting Chief Engineer, John Galt, Esq., C.E. and M.E., Canada Life Building, Toronto.

Marked bank cheque, payable to Board of Water and Light Commissioners, for 6 per cent. of tender, must accompany bid.

The lowest or any tender not necessarily accepted.

T. BD. OAKLEY,  
Secretary-Treasurer.

## TO CONTRACTORS

Tenders will be received by the undersigned until 6 p.m. on MONDAY, 21ST INST., for all trades required in the erection of a Residence on Brunswick Avenue for Mr. Rueben Armstrong.

No tender necessarily accepted.

SIMPSON & ELLIS, Architects,  
93 Adelaide St. E., Toronto.

## Port Colborne, Ont., Waterworks.

### NOTICE TO WATERWORKS CONTRACTORS.

Sealed proposals will be received by the Reeve and Council of Port Colborne, Ont., up to 7 o'clock, p.m., of TUESDAY, MARCH 29TH, 1898, for furnishing materials and constructing a system of waterworks for said village. There will be required approximately the following:—

220 tons (3¼ miles) of Cast Iron Pipe.  
41 Fire Hydrants.  
42 Gate Valves and Boxes.  
Pumping Station.  
2 Power Pumps and Natural Gas Engines.  
A Steel Stand Pipe and Foundation.  
Submerged 8-inch, Flexible Joint, Cast Iron Pipe, crossing Welland Canal.

Bids will be received for furnishing any of the materials mentioned above, or for constructing the works complete. A certified cheque, equal to 5 per cent. of the amount of the bid, must accompany each bid.

Plans may be seen and specifications and blank forms of proposal procured at the office of the Secretary of the Board, Port Colborne, or at the office of the Engineer, J. F. Witmer, Rooms 705 and 707 Ellicott Square, Buffalo, N.Y.

The right is reserved to reject any and all bids.  
R. Greenwood, Reeve R. Mathews, T. Lannan, T. F. White, A. Anthes, Council.  
Frank D. Noble, Clerk. J. F. Witmer, Engineer,  
Buffalo, N.Y.

Port Colborne, Ont., March 11, 1898.



## NOTICE TO CONTRACTORS

### Tenders for Steel Pipe, Paving Bricks and Brass Work for House Services.

Tenders, addressed to the undersigned, will be received by registered post only, up to noon on WEDNESDAY, THE 30TH INST., for the supply of the following, viz:

104 Feet of 20 Inch Steel Plate Rivetted Pipe.  
Paving Brick for Year ending 31st Dec., 1898.  
Brass Work for House Services for Year ending 31st December, 1898.

Samples, plans and specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto.

A marked cheque, payable to the order of the City Treasurer, Toronto, for 5 per cent. of the amount of the work tendered for up to \$1,000, and 2½ per cent. of the amount over that sum, must accompany each and every tender, otherwise it will be ruled out as informal.

The lowest or any tender not necessarily accepted.

JOHN SHAW, Mayor,  
Chairman Board of Control.

Toronto, March 15th, 1898.

## Tenders Wanted

Tenders for the erection of a Bank Building and a Store on the Corner of Norfolk and Argyle Streets, in the town of Simcoe, Ont., will be received until

SATURDAY, 26th INST.,

by the undersigned, at his office, No. 17 Toronto street, Toronto.

Plans and specifications may be seen there and also at the Bank of Hamilton at Simcoe.

The lowest or any tender will not necessarily be accepted.

D. B. DICK, Architect.

### CONTRACTS OPEN.

HULL, QUE.—An incinerator will be built by the city.

SMITH'S FALLS, ONT.—The C. P. R. station here will probably be enlarged.

BLACKBURN, ONT.—A. Wilson intends building a residence in the near future.

LYNDHURST, ONT.—A new school building will be built here this summer.

TAVISTOCK, ONT.—The school building will be enlarged, at a cost of \$2,000.

WEST LORNE, ONT.—Fingal McCallum intends building a residence this spring.

CARLETON PLACE, ONT.—George Keyes contemplates erecting a modern building.

ABBOTSFORD, QUE.—It is hoped to erect, during the coming summer, a large public hall.

BERLIN, ONT.—The Board of Works has been authorized to purchase a 12-ton road roller.

KNOWLTON, QUE.—Geo. Gingras is negotiating for a site on which to build a cheese factory.

WAY'S MILLS, QUE.—The Barnston Woolen Mill Co. have decided to rebuild their factory here.

MERRITTON, ONT.—Work has been commenced on the new R. C. church to be built in this town.

TILBURY EAST, ONT.—Tenders have been invited by Jos. Larsh for the building of a school house.

ST. CATHARINES, ONT.—The city will appoint an engineer to supervise the work of road improvement.

MOOREVILLE, ONT.—John Bloomfield, of Biddulph, is preparing to build a large store here this spring.

BRUSSELS, ONT.—Tenders are being asked for a brick veneer residence to be erected for Miss Kelly.

RIDGETOWN, ONT.—The Roman Catholic congregation will erect a parish residence, to cost \$1,400.

WATERFORD, ONT.—It is the intention of I. E. York to rebuild the Alice block, destroyed by fire last week.

DUNDAS, ONT.—Mr. Spittal is organizing a company, which will in all probability install an electric light plant.

FRASERVILLE, QUE.—Mr. Hoare, C.E.,

has prepared plans for a system of waterworks and drainage for this town.

**BRANTFORD, ONT.**—It is understood that the Gould, Shapley & Muir Co. will rebuild in another part of the city.

**CHICOUTIMI, QUE.**—Mr. Picher is reported to have had plans prepared for an electric railway to be built here.

**BURFORD, ONT.**—The Barnea House has been purchased by Nicholas Cornish, who will enlarge and improve the building.

**VANCOUVER, B. C.**—The work of construction on the Vancouver, Victoria and Eastern Railway will commence about April 1st.

**UNBRIDGE, ONT.**—It is proposed to erect a new town hall, brick, 40 x 70 feet, cost \$4,000. The matter is now before the Council.

**WESTON, ONT.**—The Weston Canning Co. is being organized here, with a capital of \$25,000, to manufacture all kinds of canned meats.

**ST. JOHN, N. B.**—H. H. Mott, architect, is inviting tenders for the erection of a brick and stone warehouse for W. Wheeler & Co.

**FAIRVIEW, B. C.**—Tenders are being asked for building an hospital.—The erection of an Episcopal church will shortly be commenced.

**NORTH TORONTO, ONT.**—St. Clement's church vestry has appointed a committee to arrange for the erection of a Sunday school building.

**NEW WESTMINSTER, B. C.**—The City Council will request the Dominion government to erect a new government building at this place.

**HEADINGLY, MAN.**—The municipality has asked authority from the government to grant a bonus of \$3,000 for the erection of a flour mill here.

**MIDLAND, ONT.**—Work is expected to commence in a few days on the new elevator. A new dock in front of the elevator will also be built.

**NIAGARA FALLS, ONT.**—It is stated that the Canadian Niagara Power Co. will proceed at once with development work on this side of the river.

**WELLAND, ONT.**—The Streets Committee has been instructed to advertise for tenders for lumber, nails, etc., required during the current year.

**BRANDON, MAN.**—M. J. Hanbury is negotiating with the municipality to start a wood-working factory, the proposed building to cost \$20,000.

**DOVER, ONT.**—The township commissioners will let a contract on the 24th inst. for improving the Hind drain. Plans at clerk's office, North Chatham.

**PORT ARTHUR, ONT.**—A large deputation from this vicinity will request the Dominion government to construct certain river improvements, railways, etc.

**BROCKVILLE, ONT.**—The Brockville & St. Lawrence Bridge Company will ask the Dominion Parliament for an extension of time for the completion of its works.

**COWANSVILLE, QUE.**—The question of purchasing a stone crusher was considered at the last meeting of the Missisquoi county council. No decision was reached.

**EARDLEY, QUE.**—A movement is on foot here to erect a new parsonage, sufficient money to purchase a site having been collected. Rev. A. Elliott is rector.

**OAKLANDS, ONT.**—M. H. Baldwin will receive tenders until the 26th inst. for the erection of a brick parsonage in this village. Plans at Mr. Baldwin's residence.

**ESSEX, ONT.**—The I.O.O.F. have decided to have plans prepared at once for a new building. Dr. J. W. Brien, Wm. Naylor, and others, comprise the building committee.

**GALT, ONT.**—The estimates for the current year, which will shortly be presented

to Council, will include appropriations for road improvements, extensions to waterworks, etc.

**ST. THOMAS, ONT.**—The Lake Erie and Detroit River railway have asked the City Council for a bonus of \$20,000 to extend their line from Ridgeway to this city.

**CHATHAM, ONT.**—The Essex Standard Oil & Gas Co. have made arrangements to supply this town with natural gas from South Essex, and will shortly commence pipe-laying.

**INDIAN HEAD, N. W. T.**—A proposition, made by the Waterous Engine Works Co., of Brantford, to supply a system of fire protection, is now under consideration by the council.

**STRATFORD, ONT.**—The by-law to authorize the City Council to raise \$30,000 by debentures for building a municipal building was defeated by the ratepayers on Monday last.

**ALMONTE, ONT.**—The town wants tenders for red pine or tamarack lumber. L. Coulter, town clerk.—A modern brick structure will be built on the site of the old McLean building.

**YARMOUTH, N. S.**—The School Board are about to erect a new building, to cost about \$8,000. Councillors Bingay and Pelton have been appointed a committee to procure plans.

**AYLMER, ONT.**—T. Wooster is preparing plans for additions and alterations to the Aylmer canning house, also for a brick residence for J. Vail, and a brick Methodist parsonage to be erected in Corinth.

**NORTH SYDNEY, C. B.**—A deputation from this vicinity will urge upon the Dominion government the extension of the I. C. R. to North Sydney, in connection with the construction of a deep water terminus.

**WOODSTOCK, ONT.**—The C. P. R. has appropriated the sum of \$14,800 for building a new station here and improving the yards generally.—Plans have been prepared for a new front for two stores of John White & Co.

**PARRSBORO, N. S.**—N. H. Upham, town clerk and treasurer, will receive tenders until the 22nd inst. for the purchase of \$28,000 of town debentures, running 30 years, and bearing 4 per cent. interest, payable half yearly.

**PEMBROKE, ONT.**—The construction of a sewerage system, to cost \$16,000, is said to be under consideration.—A committee has been appointed by the council to ascertain the cost of installing an electric light or gas plant.

**TILSONBURG, ONT.**—The new St. John's church, tenders for the erection of which will be received by A. E. Raynes until the 30th inst., will be 85 by 36 feet, of red pressed brick, with square tower and stone facings.

**FORT SIMPSON, B. C.**—Mr. Coste, chief engineer of the Dominion Public Works Department, is expected here shortly to inspect the harbor facilities, with the view of extending the railway from Glenora to a British Columbia port.

**ST. JOHN, N. B.**—The School Board wants authority to issue debentures for \$35,000.—A modern three-story building will be erected on the site now occupied by Messrs. Holder and Black.—Jacob Colwell's livery stable is to be remodelled.

**TORONTO JUNCTION, ONT.**—The trustees of the Davenport Methodist church are considering the advisability of erecting a new building or enlarging the present structure.—The High School Board have authorized the issue of \$10,000 of debentures.

**ARNPRIOR, ONT.**—Considerable building will be done here this year.—A public meeting will shortly be held to discuss the

question of waterworks construction.—John Cunningham is preparing to enlarge his brick block, corner Elgin and Harriet streets.

**RAT PORTAGE, ONT.**—Phil L'Hebreaux will shortly proceed with the building of his new Norman hotel, which will be of brick, 34 by 60 feet, and three stories high. Jacob Hose will build a three story block this spring.—Waterworks debentures will shortly be advertised for sale.

**HINTONBURG, ONT.**—It is proposed to build a four-room school building, to cost about \$6,000, plans for which have already been prepared.—Plans have been prepared for alterations and additions to Bethany Presbyterian church.—Excavating is in progress for a new house to be built by Thos. Birch.

**GUELPH, ONT.**—The Fire and Light Committee is having plans prepared for a new fire hall.—The Board of Works have been instructed to obtain tenders for laying cement walks during the current year.—Mr. McCutcheon, of Sydenham street, will build a two-story brick dwelling on Gladwin street.

**PARRY SOUND, ONT.**—F. L. Walton will shortly commence the erection of a residence near Trinity church.—Mr. Lumsden, chief engineer of the G. T. R., was in town recently securing information respecting the route of the proposed railway from Toronto to James Bay, surveys for which will be made at once.

**ORILLIA, ONT.**—The Market Committee has recommended the council to call for tenders for the erection of a market building, from plans prepared by Wm. Dunn; estimated cost \$800.—At the last meeting of the Town Council the Severn river power scheme was further considered, and estimates submitted of the cost of machinery.

**CLINTON, ONT.**—The town has granted a bonus of \$35,000 to the Doherty Organ Co., and as a result work will commence at once on the new factories, to consist of two large fire-proof brick buildings, one 50 x 275 feet, and the other 50 x 200 feet, two stories, with fire-proof roof. The engine house will be 25 feet square, the boiler house 35 x 60 feet, and the dry kiln 35 x 100 feet, all two stories.

**KINGSTON, ONT.**—W. A. Newlands, architect, is preparing plans for an addition to Harriston's furniture store on Princess street.—The congregation of Zion church have decided to build a brick addition to the church building.—Preparations have been made for enlarging the R. C. Church on Wolfe Island.—The Fire and Light Committee will recommend the purchase of 500 feet of fire hose.

**QUEBEC, QUE.**—The directors of the Quebec Bank have decided to erect at St. Roch's a larger structure than was at first intended. New plans have therefore been prepared, on which contractors will base their tenders.—The plan submitted by Mr. Hoare for the Quebec bridge is said to have been approved of by the Dominion government.—It is reported that the District Electric Railway Company will extend its road to Cap Rouge.

**LISTOWEL, ONT.**—W. E. Binning, architect, is preparing plans for a Presbyterian church at St. Helen's, white brick, with tower, slate roof, stained and leaded windows, also for alterations to the public school building at Trowbridge, and the erection of a wing, 16 x 21 feet, with inside stairway. Mr. Binning is also receiving tenders for a pressed brick residence for Dr. Egbert, Milverton, having plumbing, furnace, acetylene gas lighting, etc.

**VICTORIA, B. C.**—T. C. Sorby, architect, has invited tenders for the excavation of the site for Weiler Bros.' new business premises.—Wm. W. Northcott, purchasing agent for the city, will receive tenders until the 28th inst. for 80,000 electric

light carbons, 32 globes, and 100 pole pulleys.—The City Council have made an appropriation of \$2,500 for the purchase of another dynamo for the electric light plant.

**LINDSAY, ONT.**—W. H. Crocker, architect, of Orillia, has been invited to confer with the Town Council on the subject of plans for the proposed fire hall.—The Mayor has been authorized to advertise for tenders for street lighting, as the present contract will shortly expire. Figures have also been obtained of the cost of installing a municipal plant.—Mr. Marks is preparing to build north of the G. T. R. station.

**PETERBORO', ONT.**—The question of improving the roadway on George street was considered at the last council meeting. The cost of a brick or concrete sidewalk on both sides of the street is estimated at \$3,000. The proposal to build an electric railway to Chemong and Lakefield, as outlined by Mr. D. A. Starr, of Cornwall, was also considered. The cost is estimated at \$350,000, of which amount \$60,000 is for locomotives, motor cars and sweepers, \$20,000 for generating plant, and \$30,000 for ties, rails and grading.

**HAMILTON, ONT.**—W. W. Lachanche, architect, has completed plans for a school building to be built on the Beach road near the Jockey Club.—The Lawry Pork Packing Company contemplate making additions to their factory.—Building permits have been granted to E. B. Patterson for two two-story brick dwellings on East avenue, for Mrs. R. Holmes, to cost \$1,800, and for a building for the Cataract Power Co., on Victoria Avenue north, to cost \$4,000.—William Wark will erect two two-story brick dwellings, corner Cannon and Emerald streets, to cost \$1,700.

**HALIFAX, N. S.**—Mr J. C. Dumaresq, architect, is preparing plans for the following work: Dwelling on Cobourg road for F. W. Green; dwelling for R. Proctor; addition to hotel for J. Manley; remodeling large residence for Clayton & Sons; dwelling for E. M. Melanson, Shediac, N. B.; Presbyterian church and school house at North Sydney, C. B.; alterations and additions to Baptist church, Canso, N. S. Mr. Dumaresq is also preparing plans for a Catholic church and parsonage at Windsor, N. S., and for a store and hall for A. P. Shand and a store for C. H. Dimock at same place. The Victoria Hotel building at Windsor, now under construction, will be 104 by 104 feet, brick and stone, three storeys and basement, cost \$24,000.—It is reported that the Tramway Company will spend \$50,000 during the coming summer in improving its service.

**LONDON, ONT.**—At a recent meeting of the Board of Education No. 2 Committee recommended the adoption of plans for the proposed new four-room school on the Collegiate Institute grounds, and that debentures be issued for \$10,000 to cover the cost of erecting same.—It is probable that the Doherty Organ Co., of Clinton, will be induced to locate in this city.—A. O. Graydon, city engineer, will receive tenders until the 17th inst. for plank sidewalk, lumber, gravel, sewer pipe, cement, and a new or second hand 25 h. p. engine, and until the 24th inst. for artificial stone walks, nails, cedar block crossings, paving stone, iron castings, etc.—Building permits have been granted as below: Dr. Gardiner, brick residence on William street, cost \$2,400 (W. H. Gauld, architect); Wm. Gray, residence on Central ave., cost \$2,200; Wm. Ward, double brick residence on Maitland street, cost \$4,000.

**WINNIPEG, MAN.**—It is understood that aid will be granted at the present session of the Manitoba legislature towards the construction of the Rainy River and Manitoba South-Eastern Railway.—It is probable that Rev. J. B. Maul will build

a three-story and basement building on Market street, adjoining the Grand Pacific Hotel.—The intention of the executors of the McIntyre Estate to erect a five-story and basement structure on the site of the burned building, to cost \$120,000, is announced.—White & Manahan will proceed this spring with the building of a two-story block.—The directors of the Y. M. C. A. have requested Mr. Geo. Browne, architect, to prepare plans for the proposed building to be erected on the corner of Portage avenue and Smith street. The gymnasium will be first completed.—The Board of School Trustees have requested the City Council to submit a by-law to raise \$100,000 for new school buildings.—It is expected that the plans for the new wing to the general hospital will be ready for the contractors before the close of the present week.—Mr. Bawlf purposes erecting a large building adjoining the Grain Exchange.—Col. Ruttan, city engineer, has been asked to report to Council as to the best method of disposing of garbage.

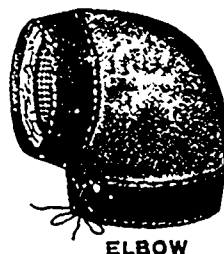
**MONTREAL, QUE.**—Chief Benoit, of the Fire Department, again calls attention in his annual report to the necessity of building new fire stations in the East, West and St. Ann's wards.—It is understood that Mr. S. Carsley has closed a contract for the erection of his entire St. James street front in white marble. It is rumored that Mr. Carsley intends to absorb the remainder of the block, and also that he will build a water tower to defend the cup on Lake St. Louis.—The G. T. railway has decided to lay 80 lb. steel rails and put in additional sidings on the southern division of the road.—The municipality of Westmount will shortly contract a loan of \$350,000 for general improvements.—The Fire and Light Committee has appointed a sub-committee to select a site for the proposed fire station in St. Jean Baptiste ward.—Mr. Viau, biscuit manufacturer, will build a new bicycle track in the east end, on which work will shortly be commenced. It will be provided with a large grand stand.—The municipality of St. Cuneconde will probably borrow \$10,000 for improving the town hall.—The management of the G. T. R. have requested the City Council to give its decision regarding a site for a new office building for the company.—A syndicate of New York capitalists, represented by Mr. Robert Buller, are announced to have secured the Monumen National, with a view of converting the building into a first class theatre, with seating capacity for 2200 persons.

**OTTAWA, ONT.**—Tenders will be received at the Department of Railways and Canals up to April 2nd for the construction of a power house on section 3 of the Soulanges canal.—Debenture by-laws have been passed by the Council for nearly \$25,000.—Mr. J. R. Booth is said to contemplate the erection of a large flour mill at the Chaudiere.—Robert Surtees, city engineer, will receive tenders until March 30th for the supply of hardware, castings, vitrified clay pipes, brick, sand, cement, etc.—The bill of the Ontario & Rainy River Railway Co. has passed the Railway Committee, the extension of time asked for being cut down to one year for commencement and four years for completion.—The Ottawa and Gatineau Company intend building a palatial summer hotel on the east side of Blue Sea Lake, in the Gatineau valley district.—An inspection

of the buildings on Porter's Island shows that about \$15,000 would be required to repair the same. It is probable that the work will be authorized.—Plans are being prepared for a large addition to St. Patrick's church, to cost about \$50,000, on which contractors will shortly be invited to tender.—Several local contractors are figuring on the plans for the water chute to be constructed at Aylmer by the Hull & Aylmer Electric Co. There will be two chutes, each about 400 feet in length.—Property owners on Spark street, between Bank and Wellington streets, have petitioned for a permanent roadway.—A syndicate of Ottawa capitalists is said to have decided to build a large music hall in a central part of the city, to be equipped with a first-class pipe organ and all modern improvements, and to have seating capacity for 1,500.—Plans have been prepared for a new building for the congregation of Bell street Methodist church, to be erected on the site of the present edifice. Rev. W. J. Wood is pastor.—L. K. Jones, secretary Department of Railways and Canals, will receive offers until Saturday, April 9th, for the supply of 120,000 barrels, or any portion thereof, of Portland cement. Specifications at office of chief engineer of Railways and Canals.

**TORONTO, ONT.**—By-laws will probably be submitted to the ratepayers to provide \$6,500 for removing Queen street bridge to Eastern ave., \$56,000 for new bridge over Don at Queen street, \$15,000 for new bridge at Humber river, and \$40,000 for converting No. 2 engine to high duty, including boilers.—The chief of the fire brigade has recommended the purchase of a small fire engine for the Yonge street fire hall. The sum of \$864 has been recommended by the Fire Committee to be expended in additional protection on the island.—The City Engineer has been asked to report on the advisability of constructing a bridge from Hanlan's Point across Blockhouse Bay to Mugg's Landing, then over the cut to the park.—Building permits have been granted as follows: H. S. Strathy, residence on north side of Bernard ave., cost \$3,200; A. J. Woodley, three residences, 177-181 Avenue road, cost \$7,500.—Petitions have been received by the City Clerk against the proposed pavement on Clinton street, between College and Bloor street, and a brick sidewalk on south side of College street, between University street and Toronto Athletic Club.—In a report presented to the Board of Works last week, the City Engineer recommended the construction of the following pavements: Cowan ave., brick, cost \$7,000; College street, Yonge to Spadina, cost \$44,700; James street, Albert to Louisa streets, cost \$2,190. Brick sidewalks are recommended on Wilton avenue, Simcoe street, Breadalbane street and Surrey place. The ratepayers on King street west have petitioned for an asphalt pavement on that street, between Yonge street and the subway.—Messrs. Langley & Langley, architects, have prepared plans for a three-story factory building at 39-41 Pearl street, to be erected by the North American Life Assurance Co.—Arrangements have been made for the erection of a \$10,000 addition to the Christian Scientists' church, corner Simcoe and Caer Howell streets.—At a conference of members of the Harbor Commission, Board of Control and Board of Trade, the question of improvements

(Continued on page 4).



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of the harbor was considered. Mr. Elias Rogers urged that plans should be prepared as soon as possible for diverting the Don river, while Mr. W. G. Goodeham and Mr. Kivas Tully advocated the early construction of a trunk sewer.—A. R. Denison, architect, is taking tenders for the club house at Kendal, Ont., referred to in a former issue.—D. B. Dick, architect, invites tenders in this issue for a bank building and store to be built at Simcoe, Ont.—Tenders close on the 21st inst. for a residence for Reuben Armstrong, from plans by Simpson & Ellis, architects.—The Confederation Life Association have had plans prepared by J. Wilson Gray, architect, for a new building to be erected on the south side of Queen street, between Yonge and Victoria streets.—Mr. G. W. Gounlock, architect, has prepared plans and will invite tenders in our next issue, for the remodeling of a large residence into a pair of semi-detached houses, also for erecting a new pair of semi detached houses on Bloor St. west, for J. Fisher Eby, estimated cost \$15,000.

#### FIRES.

Wm. McKeever's grocery store and A. Hermiston's furniture store at Listowel, Ont., were burned on Saturday last.—The store of G. W. Savage, at Novar, Ont., was damaged by fire last week to the extent of \$3,000, covered by insurance.—Buildings on Front street west, Toronto, owned by the Worthington Estate, were damaged by fire recently to the extent of \$10,000, the loss being covered by insurance.—The Gananoque Furniture & Undertaking Co.'s building at Gananoque, was destroyed by fire on the 14th inst; loss \$3,500, small insurance.—The Oxford hotel at Oxford, N. S., owned by Edward Thompson, was gutted by fire last week.—The public school building at Rat Portage, Ont., has been burned.

#### CONTRACTS AWARDED.

STRATFORD, ONT.—The tender of E. A. Cawsey, for building the new city hall, has been accepted; price \$29,000.

PENETANGUISHENE, ONT.—A. Tessier, of this town, has secured the contract for building the Simcoe county house of refuge; price \$14,966.

SARNIA, ONT.—The tender of John McDougall, of the Caledonia Iron Works, Montreal, for a 3,000,000 gallon Worthington pump, has been accepted by the town; price \$8,180.

TORONTO, ONT.—Mr. F. H. Herbert, architect, has awarded contracts for new residence on Maple avenue for James Henderson, barrister, as follows: Brickwork, Dancy Bros.; carpenter work, Hutchins & Burns; painting, John W. Knott; plastering, Dancy Bros.; galvanized iron, Ormsby & Co.; roofing, Rennie & Son; plumbing, Bennett & Wright Co.—A. R. Denison, architect, has accepted the following tenders for the erection of a building for the Cawthra Estate, corner Temperance and Yonge streets: Masonry, Thompson Bros., \$15,150; iron work, Dominion Bridge Co., \$7,300; carpenter work, George Henry, \$7,950; plastering, Beaver Bros., \$640; painting and glazing, J. Stewart, \$1,440; plumbing and heating, W. J. Maguire, \$3,850; roofing, Hutson & Son, \$284; sheet metal work, Douglas Bros., \$2,902; elevators, Fensom & Co., \$900; other trades not yet let. Same architect has let the contract for the Don Rowing Club's building to John E. Russell.

#### THE O. A. A.—A CRITICISM.

The following communication, having been received too late for insertion in the March number of the CANADIAN ARCHITECT AND BUILDER, for which it was intended, is, under the circumstances, given a position here:

Editor CANADIAN ARCHITECT AND BUILDER.

DEAR SIR,—It has occurred to me very forcibly since reading an account of the convention of the O. A. A. in the last number of the CANADIAN ARCHITECT AND BUILDER, that one of the great causes of the Association's want of success is the inconsistency of its members. When an outsider hears so much talk about ethics, conduct in competition, etc., it rather disgusts him to see results. If it were only ordinary members who sinned, the case would not be quite so bad, but when, as in the late London competition for a hospital, three members of the Council entered a competition in which the whole association through the Council had been insulted, a most extraordinary example of association ethics is shown to the outsider.

It would be hard to find a worse example of public competition than this one, and yet these three Council men (who, if they were not mere figureheads in the Council, must have known the fraud imposed by the conditions on architects) submitted their drawings apparently with quite an elastic conscience as to the

duties required of them as members of the Council.

It seems to me a crime of no small magnitude for any man to accept such a position unless he fully intend, to live up to it. The example and influence from a member of the Council is very far-reaching and will either greatly help or greatly hinder the cause which the conscientious men in the Association are trying to advance.

As an outsider I merely venture to suggest this as one probable cause for the want of new members. What is to be gained by becoming one under such conditions? Certainly no prestige or extra recognition from the public. As to more material advantages there seem to be none. If the Council would investigate and advise members as to the character of competitions, a great deal of good would be accomplished, much more than by some of the Council entering every shoddy competition that comes along.

There is a grand opportunity for the Council to distinguish itself in the St. Thomas city hall competition, conditions of which have just come to hand. Let it show outsiders that the Association means something.

Awaiting with keen expectancy some results from that august body the "Ontario Association of Architects," I remain,

Yours faithfully,

A YOUNG ARCHITECT.

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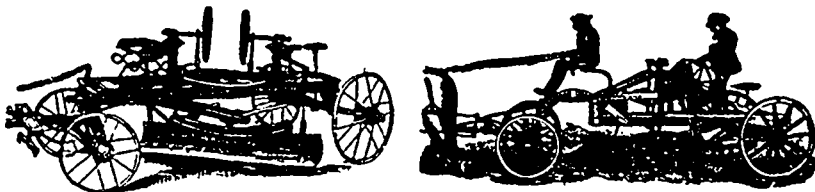
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**ANNUAL MEETING OF ONTARIO LAND SURVEYORS.**

At the sixth annual meeting of the Ontario Land Surveyors, which opened in the Parliament buildings, Toronto, on Tuesday, March 8th, there were present the following persons: T. Harry Jones, Brantford, president; S. James, Toronto; D. D. James, Toronto; H. De L. Sewell, Rat Portage; P. S. Gibson, Willowdale; M. Saviller, Collingwood; John Davis, Alton; C. A. Jones, Petrolia; L. B. Stewart, Toronto; H. H. Gibson, Willowdale; B. J. Saunders, Brockville; W. A. McLean, Toronto; A. J. Van Nostrand, Toronto; J. F. Wilson, Toronto; H. L. Eston, Toronto; J. W. Tyrrell, Hamilton; George Ross, Welland; G. R. Kirkpatrick, Toronto; E. Stewart, Toronto; V. Sankey, Toronto; L. Bolton, Listowel; M. J. Butler, Napance; A. Niven, Haliburton; J. L. Morris, Pembroke; Killaly Gamble, Toronto; Willis Chipman, Toronto; A. A. Code, Alvinston, and others.

The minutes of last meeting were passed, and communications read by the secretary. A letter was read inviting the association to meet at Hamilton next year, also one from E. F. Jennison regretting the custom in vogue of beginning the surveying of river banks at the high-water mark. The latter was referred to the Committee on Land Surveying.

The president, in his address, said that during the year eight members had been removed by death. Provision had been made for raising the standard of the preliminary and final O. L. S. examinations, and for holding but one examination a year. The act of incorporation had also been amended so as to compel the attendance of witnesses at the meetings of council when cases of irregular practice are being considered. References were also made in the address to the Diamond Jubilee of our Sovereign, and to the meeting last year of the British Association for the Advancement of Science, at which several interesting papers had been read by members of the O. L. S.

Reports were read from the committees on publication, repository and biography, and from the Council of Management. The Secretary-Treasurer's report showed a balance of \$684.22.

At the evening session a committee, consisting of Messrs. Sankey, Butler, Niven and Gaviller, was appointed to confer with a committee from the Canadian Civil Engineers' Association regarding an act of incorporation to be asked from the parliament.

The report of the Committee on Exploration was presented by Mr. E. Stewart. The report urged the great necessity for a thorough governmental system of inspection of the country south of James Bay to precede the regular work of the surveyor. A few parties thus employed would in a very few years supply us with a general knowledge of the country and its resources and capabilities.

**SECOND DAY.**

Upon re-assembling on Wednesday morning, Mr. A. W. Campbell, chairman,

presented the report of the Engineering Committee. He made reference to the importance from an engineering standpoint of the proposed Mackenzie and Mann railway between the Sturgeon river and Lake Teslin, and to the proposed railway from Toronto to James Bay. During the year, he said, the mining industry had developed with marvellous rapidity. The water power of Canada had also been exploited largely, and converted into electric power. Water power and electricity were at present promising to play an exceedingly important part in mining. Municipal engineering had made distinct progress, and in bridge building Canada had produced some notable works, as, for instance, the replacing of the old Victoria tubular structure at Montreal with a modern cantilever. The

(Continued on page 6.)

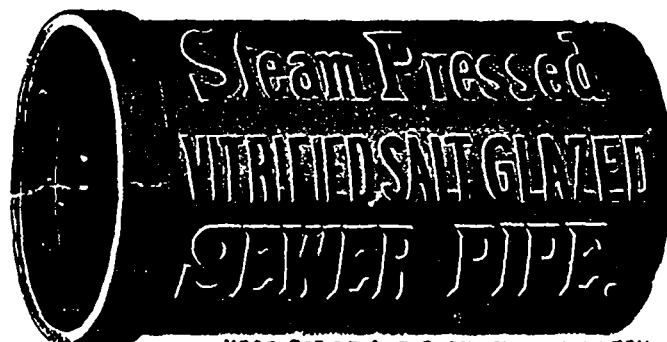
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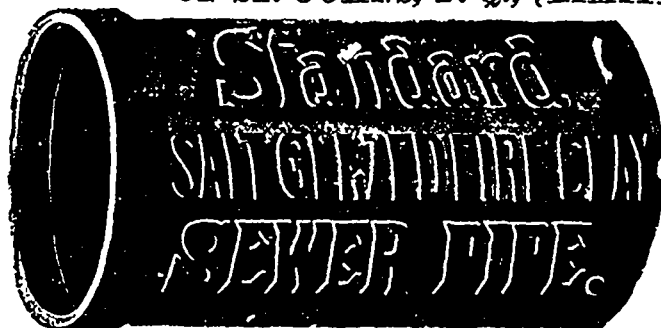
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use of cement in engineering works had also attained great prominence.

Professor C. H. McLeod, M.E., chief astronomer of McGill University, was present as a representative of the Canadian Society of Civil Engineers. He was sent by the Engineering Society to cooperate with the O. L. S. in endeavoring to have legislation introduced defining the status of civil engineers in Ontario.

The Committee on Polar Research presented a short report.

Mr. L. B. Stewart presented the report of the Committee on Topographical Survey. He gave a brief resume of what had been done in that branch of the science during the past year, and impressed upon his hearers the importance of basing a topographic survey upon a geodetic survey.

Mr. Milton C. Schofield, of Guelph, furnished the association with a list of reported cases in land surveying. It was decided to refer them to a committee and have their report incorporated into the minutes of this annual meeting.

The report of the Committee on Land Surveying was presented by Mr. M. Gaviller, of Collingwood, in which he stated that the large demand for mining location surveys and supplying information for the development of the same had afforded a promising opening to those who, before qualifying, had taken the technical course now so well supplied by several of the colleges. He expressed pleasure that the majority of those preparing for the final O. L. S. examination had availed themselves of the opportunities afforded by the colleges. Attention was also drawn to the addition of botany and Canadian forestry to the list of subjects for the final examination. The almost universal ignorance of the growth and protection of timber, the report read, had been a source of loss to the country the extent of which it would be difficult to estimate.

It was decided, on motion by Mr. Gaviller, that a list of "reported cases," furnished by Mr. Milton C. Schofield, Guelph, should be referred to the Committee on Land Surveying, in order that it might be incorporated in their report.

In the evening the annual dinner was held at McConkey's restaurant. The usual toasts were honored and responded to in a hearty manner. Recitations and selections on the graphophone added to the pleasure of the evening.

### THIRD DAY.

After the reception of the auditors' report and the reading of several papers, Mr. Gaviller, in answer to a question regarding high water mark from E. S. Jenkinson, gave a succinct statement of the case. The starting point of the four rods allowed by the government was not clearly defined. High water mark is where vegetation ceases. This was Mr. Gaviller's opinion. The association was asked to express its opinion also.

"High water mark is where vegetation begins to grow," said A. Niven. He thought the Crown Lands Department should lay this down as a guide henceforth.

M. J. Butler submitted the following resolution: "That the secretary be instructed to communicate with the Commissioner of Crown Lands, placing before him the necessity of an accurate instruction to surveyors with respect to planting posts on the shores of inland lakes and navigable rivers, and it is the opinion of this association that high water mark ends at the beginning of the line of vegetation." This was carried almost unanimously.

Prof. McLeod was introduced, and spoke in substance as follows: "The Canadian Society of Civil Engineers is a Dominion incorporated company. The intention of the society was to make the profession of engineering a close corporation

in the provinces. The idea was to have the provincial government define what was meant by a civil engineer. Such an act has been passed by the Legislature of Quebec. In Canada civil engineering is the only profession to which an unqualified person can belong." He contended that no infringement upon the rights of the Ontario Land Surveyors was contemplated.

The report of the council upon the meaning of personal supervision was accepted. This applied strictly to engineering in mining locations. A surveyor making a certificate of supervision should be personally present and direct the survey when it is made.

Expressions of condolence were passed upon the deaths of members since last meeting. Letters expressing such regret were authorized to be forwarded to the bereft families.

By-laws Nos. 45 and 46 were ratified. By No. 45 a registered surveyor can give up practice upon giving notice of his desire so to do, but such surveyors can still have the privileges of the association by paying \$1 a year. No. 46 stated that a surveyor who has practised for 35 years is exempt from association fees.

J. J. Murphy's paper on "Unrecorded Original Field Notes," and Otto J. Klotz's



MR. P. S. GIBSON,  
President Ontario Land Surveyors.

paper upon "Lake Erie Survey" were taken as read and recorded in the minutes. The report of the committee on drainage was dealt with similarly.

### ELECTION OF OFFICERS.

Messrs. Gamble and Whitson, of Toronto, were appointed scrutineers. The following officers were declared elected by acclamation: President, P. S. Gibson, Willowdale; vice-president, H. J. Bowman, Berlin; secretary-treasurer, H. J. Van Nostrand, Toronto; auditors, H. L. Esten, Toronto, and A. W. Campbell, Toronto.

On the first Monday in April two of the following gentlemen will be elected to the Council of Management for three years: J. L. Morris, Pembroke; George Ross, Welland; F. L. Foster, Toronto, and W. F. Van Buskirk, Stratford. The other members of the council are: Hon. J. M. Gibson, Hamilton; George B. Kirkpatrick, Toronto; Villiers Sankey, Toronto; J. W. Tyrrell, Hamilton; Alex. Niven, Haliburton.

A hearty vote of thanks was tendered the retiring president, Major T. Harry

Jones, of Brantford. Mr. A. J. Van Nostrand was cheerfully voted \$200 for the energetic way in which he had discharged his onerous duties.

Villiers Sankey read the report of the committee appointed to confer with a committee from the Canadian Society of Civil Engineers, Montreal. The report recommended that no steps be taken along the line proposed by Prof. McLeod until the whole matter had been placed before the 200 surveyors in Ontario. It suggested that a circular letter should be issued by the Canadian Society of Engineers, and sent to all members of the O. L. S. Society.

A motion was carried that a committee, consisting of Messrs. Kilpatrick, Niven and Sankey, be appointed to deal with the bill proposed by the Canadian Society of Civil Engineers. This committee was appointed in order that surveyors out in the province may know that their interests are being looked after by men who are not "biased engineer-ward," as Mr. Butler expressed it.

### PAPERS READ.

During the meeting papers on the following subjects were read: "The Sewage Purification of Worcester, Mass.," by W. F. Van Buskirk, of Stratford; "The Sudbury Waterworks," by S. V. Rorke, Sudbury; "Evidence," by M. J. Butler, Napanee; "The York Street Bridge," by A. P. Walker, Toronto; "An Illustration of the Necessity for Accurate Descriptions," by Geo. Ross, of Welland; "Assessment Plans," by P. S. Gibson, Willowdale; "Specifications," by James Hutcheon, Guelph; "Sand Cement," by M. J. Butler, Napanee; "The Kinburn Swamp Drain," by F. W. Farncombe, London; "Arbitrators and Witnesses," by H. J. Bowman, Berlin; "The Use of Field Tile for Large Drains," by A. R. Code, Alvinston; "Forestry in Its Relation to Land Surveying," by T. N. Southworth, Toronto; "Irrigation of Dominion Lands," by A. W. Ponton, Regina, Assa.; "Acetylene Gas and Its Uses," by V. M. Roberts, St. Catharines; "Progress on Lake of the Woods," by H. De Q. Sewell, Rat Portage, Ont.; "Unrecorded Original Field Notes," by J. J. Murphy, Toronto; "The Economic Resources of the Hudson Bay," by J. W. Tyrrell, Hamilton; "Some Causes of Loss in Gold Mining in Ontario," by Capt. J. D. Williams, Rat Portage; "Lake Erie Survey," by Otto J. Klotz, Ottawa.

### BUSINESS NOTES.

Chapelle and Edwards, plumbers, Trial, B. C., have dissolved partnership.

Hebden & Hebden have commenced business as plumbers at Nelson, B. C.

James W. Pyke has registered as proprietor of the Phoenix Bridge and Iron Works, Montreal.

The Toronto & Orillia Stone Quarry Co. are advertising for sale in this paper their lime stone quarry at Longford.

The Royal Artificial Stone Paving Co. has been organized at Guelph, Ont., with Mr. A. G. Burt, of Ridgetown, as manager.

The annual meeting of the Hamilton Iron & Steel Co. was held at Hamilton last week, at which a dividend of 4% was declared. Mr. J. H. Tilden was elected president.

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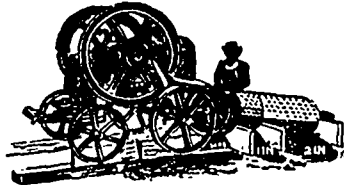
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Table listing prices for brick and masonry materials, including Common Walling and Good Facing.

Table listing prices for sand, Per Load of 1 1/2 Cubic Yards.

Table listing prices for stone, including Common Rubble, Large flat Rubble, and various types of granite and ashlar.

Table listing prices for Ohio freestone, including No. 1 Buff Promiscuous and No. 2 Blue Promiscuous.

Table listing prices for Credit Valley Stone, including Rubble and Brown Coursing.

Table listing prices for Longford Stone, including Rubble and Ashlar.

Large index table listing various building materials and services, including Architects, Cements, Lime, Roofers, and other trades.

Table listing prices for dimensioned stone, including Kent Free stone and River John.

Table listing prices for slate, including Roofing and Ornamental Black Slate Roofing.

Table listing prices for paints, including White lead, Red lead, and various colors.

Table listing prices for cement and lime, including Portland Cements and German cement.

Table listing prices for hydraulic cements, including Thorold and Queenston.

Table listing prices for iron pipes, including 40d hot cut and 10 to red hot cut.

Table listing prices for lead pipe and waste pipe, including Galvanized Iron.

Table listing prices for structural iron, including Steel Beams and Sheared steel bridge plate.