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This paper reaches every week the Town and City Clerks, Town and City Engineers, County Olorks and County Engineers Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

VOL 10.

MARCH 29, 1899

No. 9.

THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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

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Advertising Rates on application.

Subscribers who may change their addres should give frompt notice of same. In doing 10, give both old and new address. Notify the publisher of any irregularity in delivery of paper

CONTRACTORS RESPECTFULLY IN-formed that undersigned is prepared to assist in preparing estimates, any department, carpenter in par-ticular. W. FRASER, 21 Cinnon Street, Toronto.

TENDERS WANTED

Tenders will be received by the undersigned up to ten o'clock, a.m., on SATURDAY, APRIL Eth, 1850, for the erection of two Masonty Abutments ter a Bridge of two hundred and twenty feet span over the River Thames, at the size of the Merasian Birdge, in the County of Kent, Ontario.

Plans and specifications may be seen at the office of the County Clerk, at Chatham, or specifications may be obtained by applying to him.

A marked cheque for five per cent of the contract price, payable to the Treasurer of the County of Kent, must accompany each tender, which will be returned when the contract is signed.

A marked cheque on a chartered bank for twenty five per cent of the cost of the work will be required before the contract is signed, as security for the completion of the work

the work
The lowest or any tender not necessarily accepted

J. C. FLLMING, Clerk County Kent.

VILLAGE OF HINTONBURGH

Tenders for Waterworks

Tenders for constructing a system of Waterworks for the Village of Hintonburgh, sealed, and endorsed "Tenders for Waterworks, will be received until noon of SATURDAY, 1574 APRIL, 1769, addressed to WA Mason, Eq., Village Clerk, Hintonburgh, Ontario, Each tender must be accompanied with an accepted bank cheque for an amount equal to five per cent, of the amount tendered, and made payable to the order of W. A. Mas n Treasurer of the Corporation which cheque will be foreited if the contractor declines to enter into a contract when called upon to do so.

The Corporation reserves the right to reject any or all tenders.

tenders.

inders.

Plans and specifications can be seen and printed speci-cations and forms of tender obtained at the office of the Clerk, Town Hall, Hintonburgh Dated at Hintonburgh this 23rd day of March, 1869.

(Sgd.) D. H. McLEAN, Rreve.

WANTED

Architectural Student or Improver. S. G CURRY, 90 Yonge Street, Toronto

TENDERS

Lenders will be received up to moon on Saturday, the 1st day of April, for the various trades required in the erection of a

DETACHED RESIDENCE

on Lowther Avenue, for Ambrose Kent, Esquire, The lowest or any tender not necessarily accepted F. H. HERBERT, Architect, 9 Toronto Street, Toronto.

TO CONTRACTORS

MAIN TRUNK SEWER

OTTAWA, ONT., March 24th, 1899.

Seated tenders by registered mail, endorsed "Proposal for Main Trunk Sewer, will be recised by the undersigned up till noon of FRIDAY, THE 14TH APRIL, 1859, at the City Hall, for the construction complete for the following works:

4,430 lineal feet 7' o" Circular Brick Sewer. 6' 0" 7,741 '' '' 6' 0" 1,860 '' '' 5' 0" Steel Pipe.

Average depth of covering 20' through earth and rock.
Plans and specifications may be seen at the Engineer's office on and after Monday, the 3rd proximo from whom forms of tenders and full particulars, in be obtained. Proposals must be accompanied by an accepted bank cheque payable to the order of the City Treasurer, for not less than five per cent of the tender.

The Corporation do not bind themselves to accept the lowest or any tender.

(Signed) S. J. DAVIS, Chairman.

TENDERS

Sealed tenders, addressed to the Chairman of the Fire Water and Light Committee, for the installation of a System of Arc Lighting including Steam Plant, Dynam s, Switchboard, Arc Lamps, Lune Material, etc., will be received at the office of the undersigned up etc., will be rec to 8.30 p.m. on

MONDAY, APRIL 17TH, 1899.

Specifications and forms of tenders may be obtained at the office of the City Engineer, Winnipeg.
Each tender must be accompanied by an accepted cheque or each deposit for the sum called for in the form of tender supplied, which will be susject to forfenure in case of failure on the part of the contractor to enter into a written contract if called upon to do so. If an accepted cheque is submitted it must be payable at par in Winnipeg or be for an amount sufficient to cover exchange over the sum called for in the form of tender supplied.

Supplied.
No tender necessarily accepted

C. J. BROWN, City Clerk. City Clerk's Office, Winnipeg, March 21st, 1879.

When painted woodwork is not too far gone it can be freshened up with a coat of varnish. Before re-varnishing the work should be well cleaned down. Fuller's earth is a good and cheap article for this purpose.

CONTRACTS OPEN.

TURNERVILLE, ONT .- Henry Shaw will build a brick residence

CARTHAGE, ONT.-John Gamble will build a brick residence.

MELHOURNE, QUE .-- A project is on foot to erect a creamery.

FOREST, ON1.-It is said that a new elevator will be built here. PLUERBORO', ONT. - Offers are invited

for a site for a new fire hall. FENWICK, ONT. - Dr. E. S. Birdsall in-

tends building a new office this spring.

WIARTON, ONT .- Tenders are invited by J. P. Newman for building brick residence.

HARTMAN, ONT.—It is proposed to erect a new Methodist church here this summer.

WYOMING, ON .. - A new hotel will be erected on the site of the Commercial House.

GOWANSTOWN, ONT .-- Peter Walter, of the sixth line, is preparing to build a residence.

STRATFORD, ONT.-James Depew & Co. intend building a large tanning factory this spring.

CLAYTON, ONT .- The vestry of Grace church is considering the building of a new edifice.

WINSLOE, ONT .--Chas. Taper wants enders by April 3rd for building newdairying factory.

CLINION, ONT.-John Pickett purposes building a brick house on his farm near this town.

DARTMOUTH, N. S .- The building of a new town hall will likely be undertaken at an early date.

LION'S HEAD, ONT.—Capt. McPherson desires tenders by 18th inst. for building addition to hotel. PORT DALHOUSIE, ONT. - Plans have

been prepared for the new factory for the Toronto Rubber Co. INGERSOLL, ONT.-A. W. Nagle has

purchased property on which to build a residence this summer. MEDICINE HAT, N. W. T.—A proposa is being considered for the construction

of a witerworks system MARMORA, ONT. - Trustees of th Methodist church have decided to erec

a sunday school building. purchase NANAIMO, B. C .- The another steam fire engine for fire protect

tion is being advocated. DUNNVILLE, ONT.—Steps are bein taken looking to the construction of a

improved drainage system. SASKATCHEWAN, N. W. T.-R. I Ferguson, Reeve, wants offers by 31st ins for construction of a ferry.

WELLAND, ONT .- E. A. C. Pew state that capital has been subscribed toware the proposed power canal from the We land river to Ball's falls, on the Jord: river.

(Sgd.) CHARLES H. KEEFER, Consulting Engineer, Ottawa.

LISTOWEL, ONT.— Wm McKeever purposes building a house and barn on his farm in Elina township.

HUMBERSTONE, ONT.—Residents of S.S. No. 5 have decided to ask the town-ship council for a new school.

PARRY SOUND, ONT.—The Conger Lumber Co. will probably refit their saw mill, at a cost of about \$8,000.

BROOKE, ONT. - W. G. Willoughby, township clerk, is making preparations for the erection of a brick residence.

GUELPH, ONT.—A movement is on foot looking to the construction of an electric railway to Hespeler, Arthur and Erin.

GRAND MANAN, N.B.—It is reported that a government engineer will shortly locate sites for breakwaters on the island.

YARMOUTH, N.S.—Tenders are wanted by J. K. Rose up to March 31 for the supply of a quantity of stone for a flume.

CHATHAM, N. B.—St Andrew's church congregation have resolved to spend \$3,000 on improvements during the coming summer.

WALKERVILLE, ONT.—There is a brisk demand for dwellings, and consequently a number of new buildings will be erected this year.

PORT COLBORNE, ONT.—Capt. James McCoppen will build a new residence this year, and it is probable that Dr. Neff may build also.

NELSON, B.C.—The Hudson Bay Company are about to let the contract for their new block, corner Baker and Stanley streets.

GRAND FALLS, N.B.—It is expected that the Grand Falls Power Company will proceed at once with the work of building their canal.

ST. JOHN, N. B. — Daniel Connolly has purchased property, corner Mill and North streets, on which to build a store and dwelling.

HUNTSVILLE, ONT.—Wm. Rumsley, this town, invites tenders up to the 30th inst., for the election of summer hotel on the Lake of Bays.

DOVER, ONT. — The Dover council has granted the application of the trustees of S.S. No. 11 to borrow \$1,600 for building a new school.

SUDBURY, ONT.—The construction of a railway from this town to Lake Tamagaming, in the Nipissing district, is likely to be undertaken.

Annapolis, N.S.—The by-law to raise \$10,000 to build a new school was carried by the ratepayers. Work will be commenced at once.

KAMLOOPS, B. C.—C. R. Oldershaw, architect for the C.P.R., has prepared plans for an hotel to be built here, five storeys, 107 × 80 feet.

MOOSSOMIN, N. W. T.—Propositions are invited by the School Board up to April 4th, for the purchase of from \$10,000 to \$15,000 of debentures.

IVY, ONT.—John Lennox, Secretary Public School Board, desires tenders by Thursday, April 6th for the purchase of \$1,900 of school debentures.

WINCHESTER, ONT.—A bill giving the village permission to borrow \$10,000 to aid a pork-packing establishment has passed the Ontario legislature.

PARIS, ONT.—James T. Patton has had plans prepared for a brick structure on Broadway street.—S. Appleby and O. R. Whitby are building residences.

BROCKVILLE, ONT.—The Brockville Rink Co., whose building recently colapsed, have engaged John Warwick to repare an estimate of the cost of rebuilding.

WALLACEBURG, ONT.—M. Martin has applied to the town council for an electric ight franchise.—The engineer has resorted to council as to the cost of repairs

to approaches to Duncan street bridge. He recommends concrete as being cheaper than masonry.

FORT ERIE, ONT.— The construction of an electric railway from Fort Erie to Point Abino and to Chippewa is to be undertaken this season by Buffalo capitalists.

WOODSTOCK, ONT.—The tenders for building the Norwich avenue church were found to be above the estimated cost, and the plans will be modified and new tenders taken.

GALT, ONT. - Shurly & Deitrich, saw manufacturers, have purchased property adjoining their factory and intend erecting a large building and removing their works from St. Catharines.

MIDLAND, ONT. -- Officials of the Canada Iron Furnace Co. are arranging the preliminaries in connection with the proposed smelting works in this town. Ground will likely be broken next month.

ST. THERESE, QUE.—A by-law granting a bonus of \$47,000 to J. M. Fortier, cixar manufacturer, of Montreal, to remove his factory to this place, has been carried by the ratepayers. Site of factory not yet selected.

GODERICH, ONT — H. J. Powell, architect, of Stratford, has prepared plans for the proposed Oddfellows Hall in this town. There will be an opera house on the ground floor, with seating capacity for 750 persons.

DURHAM, ONT.—A committee, consisting of A. McLachlan, Wm. Laidlaw, C. Knapp and Mayor Halder, has been appointed to solicit subscriptions towards a proposed chair factory. Already \$8,000 has been secured.

FREDERICTON, N. B.—J. T. Clarke & Son will erect a building, corner King and York streets, brick, three stories, front of pressed brick and brown stone and ground floor to consist of three stores. Work will be commenced in early summer.

FREDERICTON, N. B.—The Premier has announced his intention of purchasing macadamizing machinery for road-making, including rock crushers and road rollers, and to construct sample stretches of roads in different parts of the province.

CHATHAM, ONT.—J. L. Wilson & Son, architects, are preparing plans for a brick veneered dwelling for G. A. Fraser, Thamesville, to cost \$1,400, and for remodelling the residence of Judge Bell, corner William street and Stanley avenue, this city.

PORT HOPE, ONT.—The Waterworks Commissioners have asked the council for \$5,000 for improvements to the waterworks system, including several new mains and a duplicate pump and engine.—Wm. J. Byers contemplates erecting a residence.

COBOURG, ONT.—Plans are being prepared for a modern dwelling, 80 × 50 feet, to be built for Mrs. Wells.—Herbert Boggs, chairman Finance Committee, desires tenders by Monday, May 181, for the purchase of \$144,000 of 4 per cent. debentures.

BRANTFORD, ONT.—The county council is securing information prior to deciding upon improvements to the court house here.—Negotiations are still on foot to purchase a suitable site in this city for a building for the Manufacturers Assurance Co. of Toronto.

NIAGARA FALLS, ONT.—Plans are out for converting the Howard Block into a cirst lass hotel, with two storey brick addition, 36×48 ft., in rear; cost \$12,000. Ellis & Clark, architects.—It is rumored that the Imperial Bank will erect a new building in the near future.

TRURO, N.S.—A Halifax architect will submit to the town council an estimate of the cost of building a new fire hall.—The Waterworks Committee have recommended that the town engineer prepare specifications for a 75 horse power return tubular boiler for the pumping station.

GANANOQUE, ONT.—A public meeting was held last week to consider the question of building a town hall. The consensus of opinion was that the construction of waterworks and sewerage systems was a greater necessity, and some steps in this direction may be taken at an early date.

VERDUN, QUE. — The municipality wants tenders by 1 p.m. of April 3rd for the construction of brick and tile sewers and the laying of water main pipes. McConnell & Marion, New York Life Building, Montreal, are consulting engineers, and tenders are to be addressed to Geo. A. Waid, secretary-treasurer.

HALIFAX, N.S.—Plans are being prepared for alterations to the steamer Dartmouth.—A bill has been introduced in the House of Assembly giving the government authority to erect buildings for a provincial agricultural college and experimental farm, to cost \$20,000, exclusive of apparatus and equipment.

S1. CATHARINES, ONT.—The Etherington Carpet Co. purpose extending their works, and have asked a bonus from the city — The Board of Works has recommended that the city clerk call for tenders for the supply of a rock crusher.—The street superintendent has prepared a long list of streets requiring concrete walks

ALMONTE, ONT —Thomas White has decided to rebuild his premises recently destroyed by fire.—The Board of Education have asked the council to provide \$1,180 for a heating and ventilating system in Martin street school.—An addition, including a large sacristy, will be added to the Catholic church during the coming summer.

ROSSLAND, B. C.—The Merchants Bank of Halifax have decided to build here a three storey structure, brick and stone, contracts to be awaided immediately.—A petition is being circulated asking the council to pass a by-law to build a system of waterworks of its own, and to borrow money for that purpose on debentures.

NORTH TORONTO, ONT.—The treasurer has been authorized to negotiate a loan of \$4,000.—The town council has decided to take immediate steps to erect a residence for the town engineer.—The Merton street mission property has been puschased by the congregation, and subscriptions are being taken to enlarge and renovate the building.

VANCOUVER, B. C.—The city council has purchased property on which to erect a two-storey building, to be used as council chamber and fire hall.—J. Buntzen, manager of the British Columbia Electric Railways Company, has gone to England, where he will lay before the directors plans for proposed improvements and extensions to the system in this city.

CHARLOTTETOWN, P.E.I.—At a recent public meeting resolutions were passed requesting the Dominion and provincial governments to make grants towards the construction of the Southern Branch Railway and a bridge across the Hillsborough river.—A new Baptist church will be built by the congregation of Murray River. Rev. W. H. Carter, pastor.

NAPANEE, ONT.—At an east, date the John R. Scott Co. will commence the extension of their electric transmission line to Yarker.—Greeley Clark, a lawyer and real estate dealer of Chicago, representing a large syndicate, is looking over certain ground in the township back of this town with a view to carrying out an extensive drainage scheme. It is proposed to spend about \$40,000 this year.

HULL, QUE.—R. W. Farley, C. E., has submitted to the council plans for a new fire station. The ratepayers will be asked to sanction the raising of funds for building same.—An additional bridge across Brewery creek, between wards 1 and 2, will likely be built during the present senson.—Tenders received some time ago for the municipal street lighting plant will likely be opened and the contract awarded by the council on April 4th.

QUEBEC, QUE.—L. N. Carrier, of Levis, has gone to England in the interest of the proposed abattor scheme.—J. T. Metcalle, of Chicago, was in the city last week conferring with the directors of the Great Northern Railway regarding the proposed grain elevator. It will be of one million bushels capacity, and built on the site given by the harbor commissioners. The Canadian Electric Light Company, who are developing a water power at Chaudiere Falls, want a general manager.

Belleville, ONT. Plans have been prepared, and tenders will shortly be invited, for the rolling mills to be built by the Abbott-Mitchell Rolling Mills Company. The plans show nail, spike and horse-shoe factory, 264 × 53 ft., brick, with gravel roof; bar from warehouse, 45 × 64 ft., frame, gravel roof; rolling mills proper, 352 × 150 ft., frame, gravel roof; nail and spike storehouse, 53 × 120, and the office, coal sheds and material sheds on a large scale.

KINGSTON, ONT.—H. P. Smith, architect, is taking tenders for an addition to a residence on Gore street, which includes heating and plumbing.—The Dominion Cotton Mills Co. intend building an addition to their Kingston mill the coming season.—Arthur Ellis, architect, has prepared plans for a three storey brick building to be erected by Miss Gildersleeve. Tenders will be invited in a few days.—The Fire and Light Committee has recommended the purchase of additional fire fighting apparatus, including an aerial truck and ladders.

WINNIPEG, MAN — Specifications are being prepared for the new school to be erected in ward 6, and tenders will be invited in a few days.—A Minneapolis syndicate contemplate erecting a \$50,000 building, corner of Portage avenue and Smith street, on which tenders are now being taken.—Local capitalists are said to contemplate the erection of two large apartment buildings, after the plan of the tenement blocks in large cities.—C. H. Wheeler, architect, has about completed plans for the Manitoba hotel, and they will be sent to St. Paul this week for approval.

NEW WESTMINSTER, B.C.—Work will shortly be commenced on the new station to be built by the C.P.R.—The report of P. Bowler, city electrician, states that by next autumn the electric light plant will be overtaxed and the purchase of a new dynamo will be necessary.—Libenow & Payne propose to erect in this city a plant for making condensed milk.—J. R. Roy, resident engineer for British Columbia for the Dominion Public Works Department, has returned from Ottawa, bringing with him the plans for the new government building in this city.—The city invites tenders up to March 31st for the purchase of any amount of debentures up to \$150,000.

LONDON, ONT.—The school trustees have asked the council to issue debentures to the extent of \$24,000 for providing school accommodation, as follows: Victoria school, four rooms, and rebuilding portion of present structure, cost \$7,500; rebuilding and enlarging Park street school, cost \$8,500; West London, two-room building and purchase of lot, cost \$4,500; Queen's avenue, rebuild and enlarge present school, cost \$3,500.—Wm. Trafford has been granted a building permit for a two-storey brick veneered dwelling and a brick veneered stable on Maple street south.—The question of rebuilding a waterworks dam is under consideration by the council.—St. An-

drew's church congregation have decided to proceed with the erection of a Sunday school building, to cost \$10,000. The church proper will also be improved. H. C. McBude, architect.

Hamilton, Ont.-About \$6,500 of the \$8,000 required for the renovation of the Central church has been subscribed.—The B. Greening Wire Co. have had plans prepared for additions to factory.—John Kerner is about to fit up the premises at 18 Main siteet for hotel purposes.-It is expected that the survey of the proposed ctric railway between this city Galt will be completed by the middle of April.—The city engineer has recommended the construction of macadam pavements on a number of streets, at a cost of \$19,507 if the space between the rails is not dealt with, and \$15,840 extra for curbing. Asphalt, brick or tar macadam pavements are recommended for the to Walnut; Hughson street, Macnab to Walnut; Hughson street, Main to Gore; King William street, John to Mary; York street, Macnab to Queen.—
The proposal to improve St. Paul's Presputering church to likely to be about 201 byterian church is likely to be abandoned.

MONTREAL, QUE.—The Board of Chairman has distributed among the various civic committees the \$200,000 borrowed by permission of the government for permanent works. The money will be appropriated as follows. Water Committee—mains, \$15,000; new services, \$20,000; sub-division of new services, \$9,000; reservoirs, \$36,000; metres \$9,000; reservoirs, \$50,000; st. os6. Road Committee—\$30,000 for sidewalks, \$30,000 for the paving of Craig street, \$3,000 for the paving of Maison neuve street, \$5,000 for sewers, and \$5,000 Fire Committee-\$1,000 for valves. Wellington street fire station, \$2,000 for the tower and furnace of No. 10 station, and \$400 for the Rachel street station. Health Committee—\$25,000 for a new hospital. The Market Committee will spend its \$13,000 on repairs to the abattoir and St. Lawrence Market.—The Road Committee will ask for \$150,000 for paving streets, the amount to be spent on Wellington, McCord, St Anne, and Maissoneuve streets.

OTTAWA, ONT .- In this issue tenders are invited for another portion of the main drainage works. In the construc-tion of sections 1 and 2, dredging and piling will be necessary in the Ottawa river.—It is stated that the Bronson & Weston Lumber Co. will erect a large factory in this city for the manufacture of calcium carbide. The members of the company are applying for incorporation as the Ottawa Carbide Co.—It is now stated that it is improbable that the Ottawa electric railway will be extended to the rifle range this summer. - Mr. Conroy, of Alymer, is promoting a scheme to build a board bicycle track at some point along the line of the Hull-Alymer electric road.— The Ottawa Car Company have had plans prepared for a new building, 79,99 feet and three stories high, to replace the one destroyed by fire.-The city engineer is computing how much additional space will be required to accommodate the new pumping apparatus. He is of the opinion that it will be necessary to make the building twice its present size.—The Ontario government has been asked to grant aid towards the construction of a bridge over the Ottawa river between Hawkesbury and Gren-vile.—The authorities of the Sacred Heart Church have decided to have the plans of the proposed building modified in order to reduce the cost.—The City Clerk has invited tenders for alterations and additions to the city hall, consisting of interior wood fittings, desks, metallic ceilings and painting and glazing. E. L. Horwood, architect.—E. F. E. Roy, secretary Department of Public Works, wants tenders by April 18th for erection of public buildings at Kentville, N. S.

Plans at above department, at office of C. E. W. Dodwell, Hahfax, and B. H. Dodge, M.P.P., Kentville.

TORONTO, ONT.—Mr. J. F. Brown, architect, Board of Trade building, is taking tenders this week on two residences on Avenue road, this city.-Mr. S. H. Townsend, architect, has been commissioned by the executors of the estate of the late Senator Macpherson to prepare plans for several houses to be erected on land belonging to the estate on Yonge street north.—Mr. F. H. Herbert, architect, closes tenders on Thursday for a pair of semi-detached houses to be erected on Classic avenue.—Tenders are called, to close at noon on Saturday, for a new detached residence on Lowther ave for Mr. Ambrose Kent. Mr. F. H. Herbert is the architect.—Extensive alterations will be made to the Dineen and Kent buildings on Yonge st. Mr. F. H. Herbert is preparing the plans, and tenders will be invited shortly.—A temporary bridge is being built at the Humber to be used while the proposed new bridge is being constructed.—In the presentment of the Grand Jury at the General Sessions, it was pointed out that the was overcrowded, to relieve asylum which the fitting up of a wing in the Mercer reformatory was recommended. The request of the authorities of the General Hospital that a special building be erected for the nurses was endorsed. It was also advised that the heating capacity in Grace Hospital be increased.—The authorities of Knox Presbyterian church have placed the property on the market, the legislature having authorized the removal of the church to another site. It is reported that the Robert Sunpson Company have made an offer for the property.—The management of for the property.—The management of the Grand Trunk Railway are considering the advisability of double-tracking the Midland branch.—The city has given notice of its intention to construct concrete cement sidewalks on east side St. George street, from College to Hoskin ave., cost \$1,482, and on Church st., from Queen to Shuter st., cost \$703, and brick pavements on Garden ave., from Ronces-valles to Sorauren ave., cost \$7,211, and on College st., from Spadina to Bathurst, cost \$22,434,—The Industrial Exhibition cost \$22,434,—The Industrial Exhibition Association have asked for a grant of \$27,800, to be expended as follows. New building, \$10,300; art gallery, \$10,000; pig pens, \$2,500; building for fire brigade, police, and emergency hospital, \$5,000.—The city engineer has recommended the construction of the following pavements and walks. Asphalt— Huron street, Bloor to Lowther ave., cost Macadam - Grenville street, \$6,960. Yonge street to Surrey place, cost \$7,450. Yonge street to Surrey place, cost \$7,450. Cedar block—Beatty avenue, King to Queen, cost \$2.170; Williamstreet, Queen to Caer Howell, cost \$4,360; De Grassi street, Queen to Gerrard, cost \$4,360; Sackville street, Gerrard to Carlion, cost \$1,790. Brick—Bathurst street, King to Queen, each side of street railway tracks, cost \$2000, Bringe Arthur ave. Hurron cost \$8,930; Prince Arthur ave., Huron street to Bedford road, cost \$8,070; Lippincott street, College to Ulster, cost \$6,930. Cement concrete walks—Huron street, east side, Bloor street to Prince Arthur ave, cost \$442; Queen street west, north side, Brock to O'Hara avenue, cost \$1,006. Front street couch side Verk to \$1,036; Front street, south side, York to Simcoe streets, thirteen feet wide, cost \$793; Adelaide street, south side, be-tween Yonge and Bay streets, twelve feet wide, cost \$927.—Building permits have been granted as follows: Isaac W. W. Piews, pair dwellings, 306.8 Brunswick avenue, cost \$5,5000; Thomas Hurst; three brick-fronted dwellings, 496-8-50c Dufferin street, cost \$3,300; Rev. E. T Fox, two-storey and attic brick residence east side Walmer road, near Bloor street cost \$6,500; T. G. Brough, two store brick residence, corner of Bernard ave and Admiral road, cost \$5,500.—Tender

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are wanted at 77 Rose ave. for brickwork, attended at 77 Rose ave. for brickwork, lathing and plastering.—At the annual meeting of the Toronto Home for Incurables, held last week, reference was made to the necessity of building a residence for nurses.—The School Board of East Toronto will likely recommend the purchase of the land now occupied by the St. chase of the land now occupied by the St. Matthew's school on which to build additional school rooms.—The city engineer has submitted to the Board of Works his estimates for the year, and calls attention in connection therewith to the necessity of proceeding with the improvements to the waterworks system. He asks for \$290,000 for a tunnel, \$70,000 for a steel pipe from the shore crib to the island basin, \$70,000 for a steel pipe from the island has n to tunnel shaft, \$55,000 for new pumping engine and boilers, and \$173,000 for new (Continued on page 6.)

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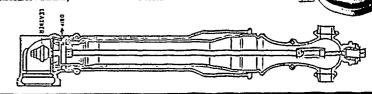
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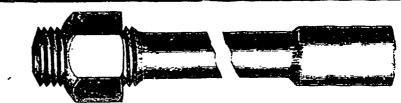
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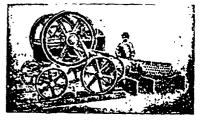
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mains. The estimates of the Waterworks Department include the following: Renewals—house services, \$5,000; Rosehill reservoir, \$500; main pumping station, \$11,400. Construction—house s rvices \$5,000; laying short lengths of watermains, valves, and hydrants, \$5,000; waste prevention, \$10,000; 92 new meters, \$4-in. to 4 in., \$2,350; concreting Rosehill reservoir, \$20,000; new 10,000,000 pump for main station, \$55,000. In the Works Department there are placed the following sums for roadways and sidewalk repairs: macadam road repairs, \$22,000; gravel road repairs, \$7,700; cedar block repairs, \$8,000; reconstructing street intersections, \$2,000; general repairs to unimproved roadways, \$3,000, asphalt pavement repairs, \$7,000; repairs to pavements be tween street railway tracks, \$15,000; sidewalk repairs, \$22,000; eastern stables, \$4,000; northern stables, \$2,000; Humber bridge, \$13,000; sewage disposal, preparing plans, services of experts, etc., \$10,000; steam road roller, \$3,000; dredging slips, \$5,000; pilling, foot of Cherry street, \$2,000.

FIRES.

Residence near Bri, hton, Ont., owned by W. H. Walter; practically insured.—Opera house at Nanaimo, B. C.; loss \$20,000, insurance \$10,000.—Building at 122 and 124 Adelaide street west, Toronto, occupied by Douglas Bros., roofers, and Elliott & Brooke, paper box makers, and owned by the Canada Loan and Perman ent Co.; loss on building, \$30,000.—R. P. Butchart's dwelling at Shallow Lake, Ont; insurance, \$3,000.—W. E. Saunders & Co.'s, wholesale drug warehouse at London, Ont., completely gutted.

CONTRACTS AWARDED.

BERLIN, ONT.- Putting down pipe wells: Fraser & Hardy, of Petrolea, contractors, at \$2.55 per foot, complete; tenders ranged up to \$3.25.

KINGSTON, ONT.—The tender of W. Turkington, representing the Standard Drain Pipe Co., of St. Johns, Que., has been accepted for the supply of sewer pipe.

Hamilton, Ont — The Good Roads Machinery Co., of this city, have received an order from the city of Vancouver, B.C., for one of their No. 5 Champion rock crushers, with elevators and screens.

CORNWALL, ONT.—\$35,000 of municipal debenturers. H. O'Hara & Co., of Toronto, purchasers, at \$34,303.05.—\$6,633 of local improvement debentures: W. H. Brouse, Toronto, purchaser, at premium of \$152.

TORONTO, ONT.—Chas. Rogers & Sons Co. have been awarded contracts for mahogany office fittings of Ontario Bank, corner Yonge and Richmond streets, and stair-case in Telegram building, corner Bay and Melinda streets.

LONDON, ONT.—Supplying pipe and laying mains for city: Harding & Leath-orn, successful tenderers. Prices: Four-inch mains, 36 cents a foot; six-inch, 51½ cents; eight-inch, 75 cents: iron pipe, \$26.50 a ton; special castings, 2½ cents a pound.

MUNICIPAL DEPARTMENT

WATER WORKS EXPROPRIATIONS IN CANADA.

By WHAIS CHIPMAN, C.E.

The following is a list of the cities and towns in Canada that have from time to time acquired their waterworks systems by purchase or by arbitration from the private companies that owned and operated the the works, and the price then paid by the municipality:

Montreal, P.Q 1845	\$250,000
St. John, N.B 1855	
Halifax N.S 1861	275,000
Toronto, Ont 1873 .	
Kingston, Ont 1887	121,000
Niagara Falls, Ont 1884	17,000
Valleyfield, P.Q 1887	•
Brantford, Ont . 1883	65,000
Owen Sound, Ont 1890	55,000
*St. Cunegonde, P.Q. , 1891	35,000
*St. Henri, P. Q 1891	
Brockville, Ont 1892	138,000
Vancouver, B.C 1894.	.30,000
Kincardine, Ont 1894	40,000
Moncton, N B . 1894	265,000
Chatham, Ont 1895	145,000
Cornwall, Ont 1897	86,500
Sherbrooke, Que 1897	116,000
Barrie, Ont	78,000
Berlin, Ont 1898	
- ,	

In Ontario an Act of Parliament was passed in 1882 empowering cities and towns to acquire waterworks or gas works by purchase or by arbitration. Six towns have taken proceedings under this statute since 1891, and have acquired their works, three by arbitration and three by mutual agreement.

In the Ontario Act, the word "value is clearly defined as structural value at the time this value is being determined. Terper cent. is, however, to be added to this valuation by the arbitrators.

The Ontario Act prescribes two methods of procedure:

(a) The municipality may submit a blank by-law to the ratepayers before at offer has been made or a valuation prepared, which, if carried, empowers the council to proceed with the arbitration of to acquire by purchase.

(b) The municipality may proceed with the arbitration and take up the award, then submit a money by-law to the ratepayers for the purchase of the works.

In either case if the works are not taken over, the municipality shall pay all costs of the proceedings.

Berlin is the only place in Ontario that adopted the first method.

In 1898 New Brunswick passed an act similar to the Ontario Act of 1882, but none of the other provinces have any such legislation.

In the Moncton Act, the word "compensation" was used as well as value, but in the Campbellton Act the word "compensation" did not appear, and "value" is not so clearly defined as in the Ontario Act.

In the following cities and towns the waterworks are now owned and operated by private companies:—

Belleville, Cobourg, Ingersoll, Iroquois, Lindsay, Napanee, Petth, Peterborough, Smith's Falls, Stratford, Trenton and Waterloo, in Ontario.

Aylmer, Berthier, Chicoutimi, Cote St. Antoine, Drummondville, Granby, Huntington, La Chute, Richmond, St. Lambert, and Saint Johns, in Quebec.

Lunenburg, N.S.; St. Stephens, N.B.; Winnipeg, Man.; Calgary, N.W.T.; Esquimault, B.C.; and Nanaimo, B.C.—Canadian Engineer.

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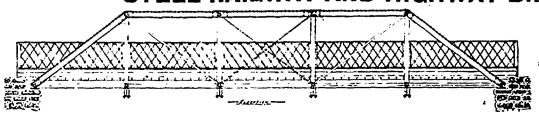
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^{*} These works were purchased by the muni-ipalities in 1891, but so.n afterwards they made arrangements with the Montreal Water and Power Company for a supply of water, and it is now reported that they are owned by this company.

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LUMBKR.			
OITATOUS D'AAY	NS.		
Toro	nto.	Mont	raal.
s	S	S	S
Williet I wards and scantling 9 00	10 00	10 00	•
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hipping cull boards, stocks:5 oo	10,00		16 00
Hemlock scantling and joist	12 00		10 00
Hemlock scantling and joist			
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Hemlock scantling and joist			
up to 20 ft	13 00	13 00	14 00
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" " 32 ft	37 ∞		27 00
" " 34 ft	29 50		29 50
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Clapboarding, dressed	14 00	8 00	35 00 12 00
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XX sawn shingles 160	1 10		
sawnlath, No. 1 1 75	2 00	2 50	3 00
Cedar	3 90	20.00	2 00
Redoak30 00 White37 00	45 00	30 00	40 00
Basswood, No. 1 and 228 co	30 00	35 ∞	55 CO
Cherry, No. 1 and 2	90 00	70 00	80 CO
White ash. No. 2 and 224 00	35 00	30 00	35 (0
(Continued on Pag			55

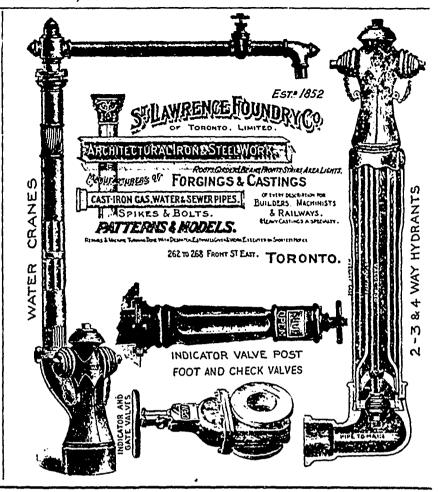
(Continued on Page 8.)

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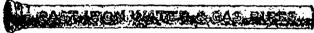


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