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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.

APRIL 22, 1897

No. 12.

THE CANADIAN CONTRACT RECORD.

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TORONTO PUBLIC LIBRARY

TO PAINTERS

Tenders for Painting and Papering the Library Building, corner of Church and Adelaide Streets, will be received at the Secretary's office, up to 12 O'CLOCK MON NON WEDNESDAY, THE 12TH DAY OF MAY, 1897.

The specification may be seen and forms of tender obtained on application at the Secretary soffice as above. The lowest or any tender not necessarily accepted

JOHN DAVY, Secretary.

FRANK SOMERS. Chairman of Building and Finance Committee.

April 19th, 1897.



NOTICE TO CONTRACTORS

Tenders for Laying Water Main and Constructing Macadam Roadway

Tenders will be received by registered post only, addressed to the Chairman of the Board of Coutrol, City Hall, Teronto, up to ao clock a.m. on THURSDAY, APRIL 29, 1897, for the construction of the following

Laying and Jointing of a 24-inch Water Main on Front street, between Sine of street and Church street, together with the necessary connections, etc.

A Macadam Roadway on east side of Queen's Park crescent, from Queen Street College avenue to the road leading to Bloor street

feading to Bloor street

Specifications may be seen and forms of tender obtained at the office of the City Engineer. Toronto, on and after Tuesday, suth April, 1897.

A deposit in the form of a marked theque payable to the order of the City Treasurer, for the sum of 2% per cent. on the value of the work tendered for, must accompany each and every tender, otherwise they will not be entertained

Tenders must bear the board.

Tenders must bear the bona fide signature of the contractor and his sureties, or they will be ruled our as informal.

Lowest or any tender not necessarily accepted.

R. J. FLEMING (Mayor), Chairman Board of Control.

City Hall, Toronto, April 25, 1897.

Tenders Wanted

Tenders wanted for the Heating of a new Public School in the Town of Artiprior. Size 33 × 62 feet. Four rooms to be hanted by two coal turnaces. Particulars given by Andrew Bell, Esq., Architect, Almonte, Ont. enders received by the undersigned up to 4TH

MAY. 1897.

GEO CRAIG. Secretary Amprior Board of Education.

CONTRACTS OPEN.

WALLACEBURG, ONT.—A new residence will be erected by James Smith.

FESSERTON, ONT .- W. W. Carter will crect a shingle and planing mill.

AYR, ONT .- M. Robson will build an elevator of 30,000 bushels capacity.

PERTH, ONT.—The Board of Education have decided to build a school in the East ward.

CRYSTAL CITY, MAN.—W. H. Greenway, Jr., intends shortly to erect a resi-

TURTLE LAKE, ONT.-A. A. Young purposes erecting a residence in this vicinity.

BERLIN, ONT .- The English Baptist congregation have decided to erect a new church.

PORT HOPE, ONT.—The sum of \$2,000 will be spent in improving the water works system.

BROCKVILLE, ONT .- The council are securing information regarding permanent pavements.

WOODSTOCK, ONT.—The town council contemplate building a fire hall, to cost about \$3,000.

VICTORIA, B. C .- W. J. R. Cowell, C. , proposes to erect a mining bureau in this city, to cost \$8,000.

SEAFORTH ONT .- It is understood that the Dominion Government will enlarge the post office at this place.

PORT QU'APPELLE, N. W. T .- Plans have been prepared for a store to be erected by the Hudson Bay Company.

ST. STEPHEN, N. B .- It is understood that a large brick building will be erected on the site of the old St. Croix Exchange.

STRATFORD, ONT.—The trustees of the hospital are considering the question of erecting additions to the present building

MERRITON, ONT.—R. Clark, village clerk, asks tenders until the 30th inst. for an electric fire alarm system of ten boxes.

NAPANEE, ONT .- The Napance Council will ask Richmond and adjoining townships to unite in purchasing a road machine.

HUMBERSTONE, ONT .- Tenders are asked by H. D. Suess until April 27th for the erection of an I. O. O. F. hall in Port

EDMONTON, N. W. T .- It is stated that the Dominion Government will build a combined railway and traffic bridge at this place, provided a grant of \$25,000 for the purpose is made by the town

GOLDEN, B. C.—A new bridge will be erected over the Kicking Horse river, at a cost of \$6,000. The government will grant \$3,000.

PICTON, ONT.—The ratepayers will be asked to vote the sum of \$12,000 to improve the electric light plant and remodel the town hall.

NANAIMO, B. C.—A woman's ward will be erected at the city hospital, the plans for which have been prepared by James Kelley, architect.

FREDERICTON, N. B .- The water committee will shortly take steps to improve the pumping apparatus, as recommended by the report of the engineer.

NELSON, B. C .- A. McDonald & Co. will erect a three-story building, 50 x 80 feet, first story of stone and balance of wood.

ood. Estimated cost, \$10,000.

ST. THOMAS, ONT.—Plans are being prepared for a new building to replace the Central Methodist church. The structure will be brick, and will cost about \$2,000.

GALT, ONT .- Plans are being prepared for the arcade theatre to be erected by Buchanan. - The congregation of Knox church contemplate erecting a manse.

ST. CATHARINES, ONT. - Separate or bulk tenders are asked until noon today (Thursday) for erecting a block of four dwellings. Plans at the office of S. G. dwellings. Dolson, architect.

CHATHAM, ONT.—A by-law will be voted on this week to grant a franchise to the Chatham City and Suburban Railway company to construct an electric railway and an electric light plant.

KINGSTON ONT .- It is rumoured that a site has been selected for the proposed drill shed.—Mr. James Farrell is acting solicitor for the company which purposes erecting a grain elevator in this city.

EMERSON, MAN .- The recent floods have wrecked the Massey-Harris ware-house, Bell & McCall's warehouse, the residences of John Carmichael and B. Solderson, and Christie & Fair's offices.

SANDRINGHAM, ONT .- R.C McGregor, township clerk, invites tenders until Friday, 30th inst., for the construction of the McGregor Creek drain. Plans may be seen at the office of the clerk near this village.

RENFREW, ONT.—It is proposed to erect a new Methodist church, at a cost of \$12,000.—Dr. Bryce, of the Provincial Board of Health, has inspected the plans for the proposed waterworks system at this place.

St. John, N.B.—The common council have adopted the plans of R. C John Dunn, architect, for a proposed engine house on Main street. The main building will be 44 × 50 feet, built of brick, with stone trimmings and flat roof. There will also be several additions of smaller size. Esti-

A service of a referring

7

mated cost \$7,000.—The Lordly Furniture Manufacturing Company ask tenders for the erection of a two storey frame building, 112 × 50 feet. Plans at the office of H. R. Lordly, C. E.

LEAMINGTON, ONT.—Dr. Hughes purposes erecting a white brick block this summer.—It is the intention of Gardiner Bros. & Company to enlarge their basketmaking factory and 'o erect a building for storage purposes.

PORTAGE LA PRAIRIE, MAN.—Tenders are now being received for erecting the new Presbyterian church, plans for which were prepared by Smith & Gemmel, architects, of Toronto.—The town is calling for tenders for remodelling the town hall.

ORILLIA, ONT.—W. H. Crokei, architect, has been instructed to prepare plans for a two-room addition to West Ward school and a second story to the South Ward school. A steam heating system is also proposed for the Central school.

DARTMOUTH, N. S.—The ratepayers will shortly be asked to provide the following sums: \$5,000 for improved sidewalks and water and sewage extensions, \$1,500 for repairs to the steam fire engine, and \$50,000 for purchasing the plant of the electric light company.

BARRIE, ONT. - The plans of Thomas Kennedy & Son, architects, for the proposed alterations and additions to the Barrie fire hall building, have been accepted. These comprise police court, council chamber, lock-up, brick stables, and all modern improvements. Tenders will be asked for immediately.

HALIFAX, N. S.—It is understood that new tenders will be invited for erecting a six-story building at the corner of Barrington and Granville streets for Mr. Roy.—Elliott & Hopson, architects, have completed plans for the exhibition buildings, and tenders will be asked this week.—Mr. J. C. Dumaresq, architect, writes that building operations promise to be brisk in Halifax this season. The drill hall, commenced last fall, will be completed, and the new exhibition buildings will be somewhat extensive, while a cold storage building and several brick stores will be built.

Vancouver, B. C.—Plans have been prepared by Mr. Dalton for a theatre building to cost \$15,000. A site has been secured at the corner of Abbott and Hastings streets. Particulars may be obtained from W. J. Bouser.—The plans of Messrs. G. W. Grant, W. Blackmore and W. T. Dalton have been accepted for the new schools, and tenders will be called for at once.—The city engineer has prepared plans for the women's ward to be erected in connection with the city hospital.

COLLINGWOOD. ONT.—As soon as a site is selected, the erection of a post-office building will be proceeded with.—Fred. T. Hodgson, architect, is preparing plans and specifications for a new post office and custom house, which is to be built this summer on Sand street.—The corporation has been petitioned by property holders along Hume and Ontario streets to lay down cement sidewalks on their streets. The petitions are under consideration by the authorities, and the request of the ratepayers will in all probability be granted, which will mean about two miles more of cement sidewalks.

WINNIPEG, MAN.—The Public School Board will recommend the immediate enlargement of the Fort Rouge school on Riveravenue. The Pembina street school will probably be rebuilt on the old site.—Arrangements are now being made for improving the plant of the Gas and Electric Light Company.—The Public School Board have under consideration the question of erecting new buildings and making repairs to existing structures. Mr. Chesterton has been instructed to prepare plans

for an addition to Fort Rouge school, and Mr. McGowan has submitted plans for remodelling the Central school, at a cost of \$12,600.—The proprietors of the city gas works have made a proposition to the City Council to modernize the gas plant and to extend the mains to various patts of the city. The outlay for these improvements is estimated at \$200,000. Mr. Wm. Mc-Kenzie, of Toronto, is interested in the company.—The City Council has given notice of its intention to construct macadam roadways on Tache street and Roslyn road, at a cost of \$8,820.

QUEBEC, QUE.—The council of the Board of Trade have appointed a committee to report on the extent of the improvements required to their present building and to arrange for plans for the same. New heating and lighting apparatus will be immediately introduced.—Berlinguet & Lemay, architects, are preparing plans for reparations to residence for Ignace Bilodeau, for interior alterations to the Chambre de Commerce, and for a conservatory of music.—G. E. Tanguay, architect, is preparing plans for building large public hot baths. Benjamin Trudet is the proprietor.

RAT PORTAGE, ONT.—A correspondent writes that the following works are projected Presbyterian church, brick, seating capacity 600, cost \$9,000 Methodist church, frame, whith stone basement for Sunday school, seating capacity 500, cost \$8,000; new post-office; additions to the Hilliard House and Queen's hotel. A hospital is also talked of, which if proceeded with will be built in such a manner that wings may be added at a later date.—The town will construct the approaches to the government bridge over the Winnipeg river as soon as the by-law is passed. The work will cost \$2,000.

LONDON, ONT.—It is reported to be the intention of the Grand Trunk Railway Company to remove their moulding shops from Hamilton to this city, in which case new buildings will be required.—The report of the Fire and Light Committee, recommending the purchase of 1,500 feet of fire hose, has been concurred in by the City Council.—Mr. J. M. Moore, superintendent of waterworks, asks tenders until the 27th inst. for the following supplies: Brass fittings, stop cock boxes, valves, street hydrants, cylinder and machine oil, lead pipe, hardware, lumber and cast iron pipe.—The R. Southam Printing Co. propose to erect a two-story brick building, corner Bathurst and Richmond streets, cost \$3,500.

HAMILTON, ONT. — T. Beasley, city clerk, asks tenders until the 23rd inst. for painting the corridors and for building a refrigerator at the House of Refuge. —The city council has given notice of its intention to construct sewers on Hannah, Bay, Murray, George and Locke streets.—It is thought that the project of an electric railway from this city to Beamsville will shortly be carried out. Mr. J. S. Campbell is one of the promoters.—The corner stone of the Women's Christian Association mission was laid last week. The building will cost \$5,000.—Charles Mills, architect, has been granted a permit for the Wentworth street Baptist church. Cost \$4,000.

MONTREAL, QUE.—The Chambre de Commerce will petition the Dominion Covernment to grant an additional subsidy of \$2,000 per mile to widen the gauge of the Montfort Railway between Montfort Junction and Arundel.—A scheme is being promoted to construct an electric railway from the south shore, opposite Montreal, through Chambly, St. Johns, Bedford, Cowansville, Knowlton and Magog to Sherbrooke. Mr. A. J. Corriveau is one of the promoters.—At the last meeting of the Road Committee the City Engineer submitted a report recommending that \$5,000 be spent on repairing the wooden

block pavement on Craig street; \$4,125 for laying stone blocks on same street, and \$2,500 for repairing the asphalt pavement on St. James and Notre Dame streets.—
It is proposed to expend the sum of \$45,000 in paving Notre Dame street and \$10,000 for the construction of sidewalks and paving on Maisonneuve street.—A. Prefontaine has invited tenders for a residence to be built at Pointe aux Trembles for André Brisset, jr.—Tenders have been called for two houses to be erected on Chambord street for Pierre Picotte. J. L. D. Lafreniere, architect.

TORONTO, ONT .- It is proposed to submit a by-law to the ratepayers to provide the following sums: New bridge over Don river at Queen street, \$56,000; crib work on Esplanade at Lorne street, \$6,-000; draining Queen street subway, \$2,500; Fort Rouille and Dufferin street sewer extension into lake, \$7,000; converting No. 2 engine, \$40,000; laying new mains, \$38,180; reconstructing old cement mains, \$12,500; fuel economisers, \$8,575; St. Lawrence market improvements, \$2,300; erection of new buildings, \$10,000; enlargement of certain public school buildings, \$45,000.— Property owners on Walmer road have petitioned for a brick pavement on that street .old United Empire Club building on King street west, owned by the Canadian Pacific Railway Company, has been sold to the North American Life Assurance Company, who intend to remodel the in-terior of the building. It is proposed to erect an additional story to the East Toronto public school, the plans for which will be prepared by Mr. J. A. Ellis, architect.—At a meeting of the National Sanitarium Association held in this city last week, plans for cottages were presented. It was stated that an electric light plant would probably be installed at the Gravenhurst sanitarium.—The congregation of the Church of the Covenant on Davenport road have secured a site at the south-east corner of Avenue road and Roxburgh street, on which a church building will be erected. Ground will be broken early in May.-A movement is on foot among the wheelmen in this city to have brick substituted for the granite setts on the devil strip on King street west, from Bathurst to Roncesvalles avenue, and on Bloor street, from Yonge to Bathurst street .- A committee appointed at the recent session of the Ontario legislature to report respecting the Government House, have recommended that the present property be disposed of and that a new building be erected on another site.-The City Council has given notice of its intention to construct the following works: Asphalt pavement on Adeluide street, from Yonge to Bay sts., cost \$8,000; asphalt pavement on Colborne street, from West Market to Yonge sts., cost \$13,800; brick pavement on Fenning st., from Queen to Humbert sts., cost \$2,660; gravel pavement on Elm Grove ave., from King to Queen sts., cost \$1.970; cedar block pavement on Harbord st., from Huron to Bathurst sts., cost \$5,500; cement concrete sidewalk on Victoria st., from a point 125 feet north of Adelaide st. to the south side of Richmond st., cost \$690.—Particulars of the Presbyterian church to be built at Portage la Prairie, Man., may be obtained from Smith & Gemmell, architects, by whom the plans were prepared.—Messrs. Laidlaw, Kappelle & Bicknell, solicitors, representing a client, want twenty acres of land on which to erect a canning fac-

tory.
OTTAWA, ONT.—In the Dominion estimates submitted recently, the following sums are voted for harbors and rivers in Quebec: Etang du Nord, repairs, \$1,000; Grande Riviere, repairs, \$700; general repairs, \$10,000; Laprairie, ice piers, dredging, etc., \$0,000; Lake St. John piers, \$2,500; Beloeilchannelpiers, \$6,000; St. Maurice improvements, \$3,000; Coteau Landing

wharf repairs, \$600; Grand Pabos wharf repairs, \$800; Lower St. Lawrence, rock removal, \$3,000; Port Daniel wharf repairs, \$800; Ste. Anne de la Parade, repairs, \$5,000; Ste. Famille, wharf repairs, pairs, \$5,000; St. Irenee, wharf repairs, \$4,000; St. Jean Port Joli, wharf repairs, \$500; Tonladie river improvements, \$1,500; Bay St. Paul, wharf repairs, \$3,500; Cap a l'Aigle, wharf repairs, \$6,000; L'Islet wharf repairs, \$600; Lotbiniere, new wharf, \$5,500; St. Valentin, new wharf, \$6,800. The following grants are made for British Columbia works: Nanaimo harbor, improvements of south channel, \$6,000; Columbia river improvements, above Golden, \$5,000; Fraser river, improvements of ship channel, \$20,000; general repairs and improvements to har-bor, river and bridge works, \$3,000; Skeena river, \$3,500; Columbia river, re-moval of rock above Revelstoke, \$2,000; Duncan river, improvement of, \$3,000; Okanagan river, improvement of, \$5,000; William Head quarantine, repairs to wharf and improvement of water service, \$675. and improvement of water service, \$675. For Nova Scotia works the following appropriations are made: Halifax drill hall, \$110,000; Marysville building, \$8,000; Georgeville wharf, \$1,000; Hantsport wharf, \$8,000; Margaretville pier, \$12,000; Port Maitland, \$3,600; Trout cove, Digby, \$4,000; Yarmouth harbor, \$3,000; Arisay, \$800; Cheticomb, \$2,000; Cribbons Point wharf, \$1,500; Judique wharf, \$4,000; Pugwash wharf, \$10,000; Wallace wharf, \$1,600; Bou-\$10,000; Wallace wharf, \$1,600; Boularderie, \$500; Grand Etang dredging, \$1,200.—The Minister of Railways and Canals has extended the time for receiving tenders for canal work as follows: For the Cardinal section of the Galop's canal until the 24th inst., for the Iroquois section until the 30th inst., for the North channel until May 7th.—Mr. Rudolph Hering, C.E., of New York, is expected to arrive in the city this week to present his plans for a main drainage scheme.—Ten-ders are asked by James White, chairman Fire and Light Committee, until Tuesday, 27th inst., for a steel frame hook and ladder truck, with complete equipment.— It is proposed to crect in this city a Diamond Jubilee building as a permanent memorial to Her Majesty's reign. The sum of \$50,000 will be raised therefor by private subscription and the government will be asked to make a grant of \$25,000. -Petitions have been presented to Council asking for the construction of asphalt pavements on Elgin and Metcalfe streets. -The City Council has resolved to lay a 12-inch water main on Queen street and an 8-inch main on Bank street, from Somerset to Macleod streets.—The Minister of Militia, in his annual report, recommends the establishment of two permanent workshops at Kingston and Quebec, and the erection of a building for military stores at Ottawa. New buildings at Toronto, Kingston and Halifax are also declared to be necessary to secure the proper care of military stores.

FIRES.

Reid's Crystal Ha!! on Dundas street, London, was almost completely destroyed by fire on the 13th inst. The insurance on the building was \$20,000, which will probably cover the loss.—The Commercial Hotel at Teeswater, Ont., owned by Joseph Brick, has been burned. Loss on joseph Brick, has been burned. Loss on building and contents, \$10,000; partially covered by insurance.—A summer residence at Longue Point, Que., a suburb of Montreal, was burned last week. The building was owned by Mr. Justice Ouimet.

—St. Patrick's Boys' school at Halifax, —St. Patrick's Boys' school at Hailax, N. S., was guited by fire on the 16th inst. Loss on building \$5,000.—A saw mill at Barry's Crossing, owned by Bernard Ripley, of Milltown, N. B., was destroyed by fire a few days ago.—The residence of David Bourland and School of Control of the control David Douglas, jr., situated near Stanley, N. B., was consumed by fire recently.-A

saw mill at Angus, Ont., owned by A. Warner has been burned; no insurance-A disastrous fire occurred at Hastings, Ont., on the 20th inst., destroying property to the value of \$100,000. Most of the buildings were owned by A. E. Roxburgh.—The residences of Fred Marr at St. Thomas, and John Turner, near Dutton, Ont., have been burned.

CONTRACTS AWARDED.

HULL, QUE.—The City Council have sold \$73,000 of forty-year debentures to La Banque Nationale, at 107.9.

GRANBY, QUE .- The contract for building a parish hall in connection with St. George's church has been let to Neil & Kent; estimated cost \$3,500.

OTTAWA, ONT .- The tender of Joseph Fauteaux, of St. Benoit, Que., has been accepted for the new wing to the Water street hospital; price \$22,700.

WOODSTOCK, N. B.—The Town Council have decided to purchase a road ma-chine from the Good Roads Machinery Company, of Hamilton, Ont.

ST. JOHN, N. B.—The school board have accepted the following tenders Desks and seats, Globe Furniture Company, Walkerville; blinds, S. T. Holman.

BELLE RIVER, ONT .- A contract for a steel bridge over the Belle river has been let to the Central Bridge & Engineering Co., Peterboro', at \$8.10 per foot for 108

COBOURG, ONT.—Martin Jex & Son have been awarded the contract for a three-story building in Colborne, and a wing to Judge Clarke's residence in this

DRUMBO, ONT.—The contract for a steel bridge east of this village has been let to the Stratford Bridge Company, at \$1,488. The work will be in charge of W. M. Davis, C.E., of Woodstock.

PARRSBORO, N. S.—The contract for supplying the town with water pipes has been awarded to the Londonderry Iron Company, Ltd, at \$29 60 per ton of 2,240 lbs., and special castings at \$2.25 per 100

LONDON, ONT.—The tender of T. Summers for building the abutments at the Adelaide street bridge, at the price of \$4,200, has been accepted by the London Township Council. F. B. Talbot, county engineer, will superintend the work.

GUELPH, ONT.—T. Irving, of this city, has secured the contract for the Glenallan bridge, at the price of \$8.75 per cubic yard and \$2; for concrete foundation. The superstructure contract was given to the Straiford Bridge Company, at \$1,845.

LINDSAY, ONT .- R. Bryans & Sons have secured the contract for a new schoolhouse in Mariposa, and George Henry is the successful tenderer for the school in s. s. No. 14, same township. Plans for the above schools were prepared by W. White,

of this town.

STRATFORD, ONT.—The contract for the reconstruction of the Waterloo street Methodist church has been given to Orr & Son for the entire work, except frescoing, glass and electric wiring. The seats will be supplied by the Valley City Seating Company, of Dundas.

VANCOUVER, B. C.—J. M. Mackinnon has awarded the contract for the construction of the Mackinnon block, estimated to cost between \$40,000 and \$50,000. The building will be 120 x 80 feet, the front and one side to be of stone and the balance of brick. The plans were prepared by W.

TORONTO, ONT.—A contract has been given to the Metallic Roofing Company for the sheet metal work for a block of stores now being erected in Fort William for Joseph G. King, covering 100 x 100 ft. The exterior will be covered with special single stone rock-faced siding, while the interior will be furnished with embossed steel ceiling.

(Concluded on Page 4.)

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

"ASBESTIC"

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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The Highest Non-Conductor and the Cheapest Covering on the Market.

Full Particulars from The Mica Boiler Covering Co. -MONTREAL

9 Jordan St., Toronto WINNIPEG

KINGSTON, ONT - Arthur Ellis, architect, has awarded contracts as below for a brick residence at Lyn for G.S. Cummings: brick residence at Lyn for G.S. Cummings: Masonry, J. Hudson, Brockville; curpentry, J. Hooper, Kingston; plastering, J. Anderson, Brockville; plumbing and steam firting, Simmons Bros. & Pollic, Kingston; painting and glazing, J. Reynolds, Westport.—The contract for the supply of tile has been let to the Hamilton & Tacanta Saver Rips Company & Toronto Sewer Pipe Company.

HAMILION, ONI. Contracts have been HAMILION, ONI. Contracts have been let as below for new school buildings in Barton township: No. 3 school-house—Mason work, H. Smart, of Chedoke; carpentry, James Purvis; slating, Ald. Findlay; painting, H. Barker. No. 7 school-house—Masonry, William Lane & Son; carpentry, Ripley & Metcalf; painting, H. Barker. The plans for No. 3 school, prepared by F. J. Rastrick & Son, show a two-roomed building with tower and belfry, built of red brick, with stone foundation, and Milton buff brick arches foundation, and Milton buff brick arches over the windows. Estimated cost, \$3,000.

MONTREAL, QUE .- Contracts have been awarded as tollows J. B. Resther & Sons, architects, one house, three tenements, stone front, on Mount Royal street, near St. Hubert street, for T. Fortin-Masonry, O. Martineau; brick, J. Beland; carpenter and joiner's work, Grothé Bros.; plumbing, roofing and heating, David Ouinet; plastering, Jeremie Lefebvre; painting, T. O. Gauthier. A. Prefontaine, architect, convent, four stories, corner Mount Royal and Delorimier streets, for R. R. Sisters—Masonry, Amiot & Lemay; carpenter and joiner's work, Bourgouin & Cadieux; rooting, plumbing and heating, David Ouimet; brick, Amiot & Lemay; plastering, E. Morache; painting and glazing, N. St. Charles.

QUEBEC, QUE.—The alterations to W. A. Marsh & Co.'s factory are under the supervision of Harry Staveley, architect, and the contracts have been awarded as follows: Joinery, W. J. Peters; masonry, W. Sharpe; roofing, M. Falardeau. Thomas Raymond, architect, has let the following work: Residence for Jos. E. Trepanier, to be erected on Park Victoria avenue—Masonry, P. Boulanger; carpenter and joiner's work, E. Paquet; painting, Jos. Gauthier & Bros.; roofing, E. Falaideau; plumbing, P. P. Giguere. Reparations and alterations to the residence of J. A. Coté on Desfossés street-Masonry, Thos. Mondor; carpenter and joiner's work, Jos. Hudon; roofing, P. Giguere; painting, Jos. Gauthier & Bros.

BIDS.

HUNTSVILLE, ONT .- The contract for the erection of the new Methodist church has not yet been let, as it has been decided to make some changes in the plans.

WELLAND, ONT .- The town council rewelland, Ont.—The town council received the following tenders for an electric fire alarm service: Bell Telephone Company, Montreal, \$900; Electrical Outfitting Company, \$942; Alexander & Son, Toronto, \$700, without poles; George J. Scott, Oshawa, \$400, poles to be furnished by the town. Ness, McLaren & Bate, Montreal, quoted prices on boxes, bells, annuncators are but did not tender for annunciators, etc., but did not tender for putting in the plant.

BUSINESS NOTES.

Currie & Carson, painters, Ottawa, have been succeeded by W. A. Currie & Co.

The assets of the Canadian Bridge & Iron Company, Montreal, are offered for sale by tender by the liquidator, John W.

ONTARIO LAND SURVEYORS.

At the session of the Board of Examiners of the Ontario Land Surveyors, held

at the Parliament buildings in Toronto recently, the following candidates were successful in the examination for admission to apprenticeship. H. Patterson, Rat Portage; C. W. McPherson, Toronto; R. A. McGuire, St. Cathannes, R. L. Benson, St. Catharines; E. F. T. Handy, Emsdale. In the examination for admission to practice, A. J. McPherson, Galt, and A. T. Ward, Toronto, were successful and were duly sworn in as Ontario land surveyors. The balloting for officers in the association resulted in the election of Major Sankey, of Toronto, and J. W. Tyrrell, Hamilton, as members of the Council of Management for the ensuing three years. J. L. Morris, Pembroke, was appointed by the council under the statute for the term of one year to fill the vacancy caused by the election of P. S. Gibson to the office of vice-president.

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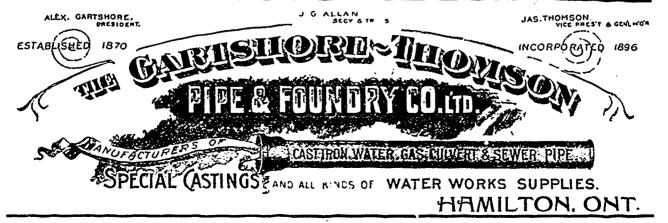


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MUNICIPAL DEPARTMENT

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

WIGLE V. VILLAGE OF KINGSVILLE.— Judgment by Justice Ferguson in action tried without a jury at Sandwich. Action by Solomon Wigle, on behalf of himself and other ratepayers of the village of Kingsville, against the village corporation and W. A. Simpson for an injunction. The complaint was that on the 15th December, 1856, the defendant corporation entered into a contract in writing under the seal of the corporation with defendant Simpson to drill and explore for natural gas on part of lot 7, in the 1st concession of the Township of Gosfield South; that defendant Simpson entered upon the work and drilled to a depth of about 300 feet when plaintiff on the 26 January, 1897, obtained an interim injunction restraining defendant from further operations, which injunction was continued till the trial; that this contract was not authorized by by-law of the Council and no provision had been made in the estimates to satisfy the obligations of defendant corporation contained in the contract; that by the contract defendant corporation not only agreed to pay defendant Simpson, but also to pay him a liquidated amount in the nature of a penalty as damages in case he should be restrained in his operations; that the total expense to carry out the terms of the contract would amount to \$1,700, for the payment of which no provision had been made, and the plaintiff claimed damages and a perpetual injunction. By-law No. 141, upon which d fendant relied, was a by-law to raise b, way of loan \$18,290 for the purpose of mining from the earth and supplying the village of Kingsville with natural gas and to authorize the issue of debentures therefor. This was the whole scope of the by-law; it did not on its face authorize the making of any particular contract. Section 282 of the consolidated municipal act, 1892, provides that the powers of the Municipal Council shall be exercised by by-law when not otherwise authorized or provided for, and section 288 provides that every by-law shall be under the seal of the corporation, and shall be signed by the head of the corporation or by the person presiding at the meeting at which the bylaw has been passed and by the clerk of the corporation. Held, that there is no provision for the exercising of the powers in question otherwise than by by-law, and a certain resolution of the Council, though entered in the minute book of the Council and containing the contract at full length and having the seal of the corporation attached to it, cannot be considered a bylaw, because it is not signed, as is positively required by section 288. It does not profess to be a by-law at all, and it could not authorize the making of the contract in

question. Judgment for perpetual injunction with costs.

WILSON V. MANES. - Judgment on appeal by defendant in the Divisional Court at Toronto before Meredith, C. J., Rose, J., and MacMahon, J., from judgment of Armour, C. J., in favor of plaintiff for \$400 in action against the clerk of the Municipal Council of the village of Parkhill, to recover \$400 under sec. 168 of the Cousolidated Municipal Act, 1892, and for \$500 damages at common law. The plaintiff's name appeared on the voters list used at the election of reeve and two councillors for Parkhill in January, 1896, as a tenant, and he alleged that upon tendering his vote and expressing his willingness to take the freeholder's oath, the defendant, as returning officer, required him to take the tenants' oath, and when he declined to do so, refused him a ballot paper. The plaintiff gave up the premises in respect of which his name was on the voters' list on 1st October, 1895, and moved to certain freehold property he had purchased. The trial judge held that the plaintiff was entitled to select the oath; that sec. 168 applied secs. 105 (a) and 106; and that the functions of the defendant were purely ministerial. Counsel contended that as the trial judge had found that there was no malice on defendant's part, there was no misfeasance: Johnson v. Allen, 260, O. R., 550. The majority of the court held that the duties of defendant in taking the votes at the polling place were merely ministerial; and an action lies for breach of them without malice or negligence; that plaintiff had the right to vote; and that, although the damages assessed were large, it could not be said that the chief justice erred in assessing them. Rose, I., with hesitation, agreed in affirming the judgment, with the variation that the damages should be reduced to \$400. In the result, the appeal was dismissed with costs, but will leave to defendant to appeal to the Court of Appeal, if so advised.

MOVABLEAPPARATUS FOR FLUSHING SMALL SEWERS.

The Paris Genie Civil, referring to the above system of flushing sewers, states that it has been practised for several years in many different Belgian towns and illustrated the apparatus of M. G. Wittevroughel, City Engineer, of Antwerp. This con-

sists of a rectangular iron tank hung very low on two wheels. It is run over a manhole and a telescopic pipe of large diameter is extended from its bottom to the bottom of the sewer. The top of the pipe is closed by a horizontal sliding valve and the tank is filled from the street mains, then the valve is quickly opened and the 3 cubic meters (about 792 gal'ons) of water in the tank is discharged in about 5 seconds, being delivered through an orifice in a vertical plane at the foot of the pipe on the downstream side.

In Antwerp nearly 100 kilometers of small sewers which have sections of from 5.4 to 8.1 square feet and very small slopes are flushed exclusively by this apparatus, which, costing 2,000 francs, only weighs about 600 kilograms (1,323 pounds) and is operated by four men who also move it from place to place without the use of horses.

Large sewers & e flushed by means of a "pocket gate," which consists of a tarred sail-cloth bag whose open upper end is attached to a number of small steel wire "cables" that suspend it from a vertical screw working in a cross-bar clamped into the manhole shaft. The bag is filled with water that has sufficient weight and head to press it firmly against the surface of the sewer and form a tight barrier that dams up the flow in the sewer above. When the water was thus accumulated to a sufficent amount the bag is suddenly released and, emptying itself downstream, contracts and leaves a free water-way down which the contents of the upper sewer produce a flush that removes sediment and accumulations. This process is considered very economical for collectors with considerable flow and no flush tank.

A sewer 3,500 meters (11,483 feet) long and 2 meters (6.5 feet) wide was cleansed of mud 0.5 meters (18 inches) deep by this process at a cost of 0.07 franc per lineal meter.

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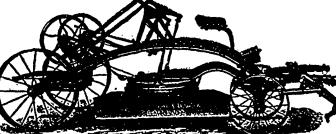
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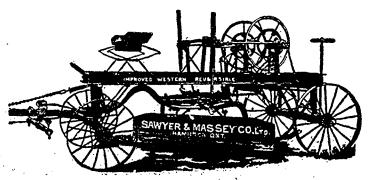
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Brodie, James vii	Galvanised Iron	Muirhead, Andrew i	Lvon. N. T viil
Couzens, James J vii Credit Forks Mining	Workers.	Parquetry Floors	Hobbs Gl. ss Works. ii Lyon, N. T. viil Lusfer Prism Co II
& M'g. Coviii	Ormsby & Co., A. B I	Elliott, W H vl	MIRCKEY STRINEG GIRES
McPherson & Co., A., vii	Grilles and	Plate Glass	Co
& M'g. Coviii McPherson & Co., A vii Moir, D. Wvii Samuel, Thomas, &	Railings.	Hobbs Glass Works ii	Wood & Coviii
Son vii The Longford Quarry	Dennis Wire & Iron	Lyo, N. T viii The Consolidated Plate	Shingles and Siding
Co	Granito	Glass Co ii	Metallic Roofing Co., ix
The Toronto & Orillia Stone Quarry Covii	Brunet, Jos vii	Plumbers	Ormsby & Co., A B. 1 Pedlar Metal Roofing
	Heating.	Montreal Directory xi	Pediar Metal Roofing
Builders' Hard- ware.	Darling Bros ii	Toronto Directory xi	Soil Pipe,
Rice Lewis & Son IV	Gurney Foundry Co iv	Roofing Materials	Toronto Foundry Ca. i
Creosote Stains	Gurney Foundry Co iv Gurney, Tilden Co. ii Howard Furnace Coi	Ormsby & Co., AB I Metallic Roofing Co ix	
Cabot, SamuelIV	King & Son. Warden III	Pediar Metal Roofing	Typewriters, Etc. Spackman&Archibald IV
Church and School Furniture.	McClary Mfg. Co x Ormsby & Co., A. B 1	Co v	Wall Plaster
Can. Office & School	Torouto Radiator Mfg	Roof Snow Guards,	Albert Mfg. Co ii
Furniture Co 1V	Co iii	Gunn, R A IV	Cander, J. M xi
Kent Free stone Quarries M	annes N.D.		
per cu. ft., f.o.b			Toronto, Montreal.
per cu. st., s.o.b	reestone, per	Hydranlia Camanta -	ontinued.)
cu. ft., f.o.b Quebec and Vermont toug building purposes, per c.ft	h granite for	Hydraulic Cements.— Thorold, per bbl	175 125 150
building purposes, per c.ft	. f.o.b. quarry. 1 33 1 50	Uncension, II	173 150 160
		Hull, "	175 150
Granite paving blocks, 8 in.	50 co	Ontario,	15.
Gran te curbing stone, 6 in lineal foot	per	Ontario, Keene's Coarse "Whites" Fire Bricks, Newcastle,per M Scotch	450 475 450 475
ST.A		Lime Per Berryl Com	27 00 35 00 19 00 21 00

Kent F	ree si	one Quarries Mo	oncton, N.B.,	
per c River	u. st. John,	, f.o.b	reestone, per	1 00
Quebec	and	b Vermont roug	h granite for	95
		purposes, per c.ft		1 33 I 50
or on	amei	tal work, cu. ft.		1 35 2 00
Granite	pav	ing blocks, 8 in.	to 12 in.x6 in.	
×435	in. p	er Mbing stone, 6 in	• • • • • • • • • • • • • • • • • • • •	50 CO
Grun to	Cui	bing scone, 6 in	. z 20 in. per	
lineal	fool		• • • • • • • • • • • • • • • • • • • •	70
		SLA	re.	
			Toronto. 1	fontreal.
Rochas	z (¥	iquari).		
	**	red	18 00	20 00
	11	purpie	00	10 00
	**	untading green	9 00	6 00
		hia ala	0	

	TATA	μιν.	MAME	1001
Rocfing (# square).				
" red		18 00		20 00
n purpie		00		10 00
untading green		9 00		6 00
u black		8 00		5 59
Terra Cotta Tile, per sq		25 00		
Ornamental Black Slate Rox fi	ng	8 50		
PAINTS. (In oil,	₩ 1b		
White lead, Can., per 100 lbs	. 5 25	5 50	5 50	6 ∞
" zinc, Can., " "	6 50	7 50	6 50	7 50
Red lead, Eng		500	4 50	500
" venetian, per 100 lbs	. z 60	1 75	i 60	1 75
" vermillion	90	1 00	90	1 00
" Indian, Eng		12	10	12
Yellow ochre		10	3	5
Yellow chrome		20	15	30
Green, chrome		13	7	12
Paris		25	14	20
Black lamp		25	12	25
Blue, ultramarine		20	12	18
Oil, linseed, raw, by bbl.	48	48	58	59
Oil, linseed, b'i'd, by bbl., *	40	40	20	22
Sun and	51	51	62	63
Imp. gal	√ 78	65	75	75
(Less than bbl., 5c.				,,
•				
Putty	23%			
Whiting, dry, per 100 lbs	60	80	60	75
Paris white, Eng., dry	90	I 25		1 00
Litharge Eng				500
Sienna, burnt	10	25		1
		12	12	15
Turpentine				
OEMENT, I	IME	, otc.		
Portland Cements				_
German, per bbl		3 50	2 55	2 65
		3 00	1 93	2 05
Newcastle "		2 75	1 85	I 95
Belgian, Josson, artificial.	2 0 5	2 75	2 65	2 75
North's "Condor"		2 75	2 65	2 75
English, artifical, per bbl.	2 05	3 25	2 55	2 65
Belgian, natural, per bbl. Canadian		2 65 2 75	1 70 1 80	1 85 1 85
Roman "	2 55	- 75	200	2 25
Parian "	475	500	\$ 50	5 75
Superfine "	775	7 25	8 00	900
	,,	, -3		3 00

		4010411
Cement (Contin	sued.)	
Hydraulic Cements.—	•	
Thorold, per bbl	175 1	25 1 50
Queenston, "		50 160
	: ::: •	
Hull,	1 75	1 50
Ontario, "	1 75	1 50
Ontario, " Keene's Coarse "Whites" 4 5	* 5 ·	
iccene's Coarse., Muitez 43	° 475 4	50 475
Fire Bricks, Newcastle, per M 27 of Scotch 27 of Lime Per Republicant	O 35 00 15	00 12: 00
" Scotch " 27 o	0 33 00 10	00 22 00
Lime, Per Barrel, Grey " " White	40	
" " White	50	
Plaster, Calcined, N. B		
" " N. S	2 00	
	2 00	2 50
tran, riasterers, per bag 8	0 100	
HARDWAR	≥E.	,
The following are the quotation at Toronto and Montreal:	s to builden	
at Toronto and Montreal	3 to builder:	FIGT DETTE
Cut nails, sod & 6od, per keg 21		
Creat mains! 200 or 000! het Kek 3	5 2 30	2 35
Steel u u u u a	25 240	2 25
CUT HAILS, FENCE AND	CUT SPIKES.	•
400, not cut, per 100 lbs	2 35	2 10
10 to 16d, ho: cnt	2 40	3.35
	2 45	
		° a 40
.4 10.14 11 11	2 50	2 5 5
	2 75	2 75
301	3 00	3.12
344	3 30	3 85
Cut spike, 10 cents per keg ad	ance.	J -J
Iron Pipe		
January Minch auton		_
Iron pipe, H inch, per foot	6c.	6c.
11 11 35 11 11 11 11 11 11 11 11 11 11 11 11 11	854	7
" " 35 " " "	854	854
4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	11.
.1 11 T 11 11	17	
11 11 23 <u>(11 1</u>		27
	24	24
	30	30
1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	43	43
Toronto, 65 per cent. discount.		
Montreal, 60 to 65 per cent, d	iscount.	
Lead Pipe		
Lead pipe, per lb	بي.	
Waste pipe, per ib	×	
Discount, 30 % off in small lots	· ·	
Discount, 30 % off in small lots Galvanized I	ron:	
Adam's-Mar's Best and Queen's	Head:	-
16 to 24 guage, perlb 45		
26 guage, " 43	4 5.,	
20 5	534	
Gordon Crown-		
16 to 24 guage, per lb 43	4 4%	~
26 guage, " 45	4 44.	•
28. 46 11 75	2 7/4	
26 guage, 28 Note.—Cheaper grades about %c Structural Is	mar it law	
Memorana F	. pcz 10. 163	•
C. IP DIFFICIENTIAL AT		
Steel Beams, per 100 lbs	2 75	2 50
CHRISTING	2 85	2 35
" angles, "		2 60
" tees. "	2 80	2 6r.
" piates, "	2 55	
Sheared steel bridge plate	- 22	# 35
mirem on secre mirelle. Margers		. 7 35
_		-