

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. 14

THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY WEDNESDAY As an Intermediate Edition of the Canadian Archi ect and Builder.

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C. H. MORTIMER PUBLISHING COMPANY of Toronto, Limited,

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

TENDERS. Contractors are invited to tender for the crec-tion of a Malleable from Plant at Tavistock, On-tario. Plans and specifications may be seen at the office of the Tavistock Malleable Iron Co., Tavistock, Ont., to whom tenders are to be ad-dressed and delivered on or before TUESDAY, AUGUST Syrn, 1902. The lowest or any tender not necessarily accepted.

FRED KRUG, JR., P. M. and Agent.

Tenders Wanted for the Construction of Water Works at

Springhill, N.S.

Sealed tenders will be received addressed to the undersigned up to 8 p. m. on

Tuesday, 1st September, 1903,

Iuesday, Isi September, 1903, for the second secon

DANIEL McLEOD, Town Clerk.

Springhill, N. S., August 12, 1903.

AUGUST 19, 1903

To Architects, Contractors, Etc. The undersigned would accept engagement as ssistant Inspector of Works and Timekeeper Assistant Surveyor. Served articles in Brigh-m, Eng. L. D. D. VIES Architect

DEBENTURES FOR SALE

Tenders for Bridge.

Sealed tenders, addressed to the undersigned and endorsed "Tender for Bridge," will be re-clered up to to clock same on AUGUST sorth-tendered up to oclock same on AUGUST sorth-of too feet to C capan over the Figeon River on the Boundary Road between the Townships of Cartwright and Manvers, near Janetville. Separate tenders will be required for the abut-ments in concrete and for the steel superstruc-ture, which latter must be accompated with semistic structure and social superstruc-ture, which latter must be accompated with a steel the superstruc-ture, which latter must be accompated with a steel and the steel superstruc-ture, which latter must be accompated with the steel steel superstructure. The lowest or any tender not necessarily ac-cepted. NEIL F, MACNACHTAN.

NEIL F. MACNACHTAN, Cobourg, August 8th, 1903. Counties'Clerk.

TENDERS FOR

Pumping Plant

Sealed, separate or bulk tenders addressed to the Clerk, Town of Wiarton, will be received up to 6 p.m. of MONDAY, AUGUST 31ST, 1903, for the supply and construction of the following :

One Compound Duples Pumping Ragine, capacity 720,000 gals. per day.
Two 70 Horsepower steel Bollers, 12 x 66,
3.000 feet of 10" and 3,200 feet of 50" water pipe and specials.

pupe and specials. 4. The construction of One Cement Concrete Reservoir, capacity 250,000 gals. 5. The construction of One Power House of stone, galvanized iron roof.

6. The laying of 3,000 feet of 10" and 3,200 feet of 8" water pipe.

of 5 water pipe. An accepted bank cheque payable to the order of the Treasurer, Town of Winton, for five per cent. of the contract price must accompany each tender, the same to be forfeited if the tenderer decline the contract or fail in the performance thereof, and will be returned in case of non-

Plans and specifications may be seen at the Clerk's Office.

J. H. DAVIES, Architect, Owen Sound, Out.

Tenders for Paving

Scaled'tenders will be received by the under-signed on AUGUBT THE 3574, 1005, for the pur-chase of \$7,000.00 Debentures of the Town of Durham, bearing 4% per cent. interest, payable in ten years. Interest payable for the first three years \$1,000 of principle, and each year interest for the last 7 years. WM, B. YOU ARE COMPARED Tenders will be received at this office up to 4 0 clock on THURSDAY, AUGUST 2778, for paving King Street from Adelaide to William Street. Tenders will be received for the follow-ing class of pavements for this work. Asphalt Vitrified Brick. Asphalt Block. Bithuilthic Pavement. Buckling and Pavement. Buckling and the seen at this office. Lowest or any tender not necessarily accepted. ORNBY GRAYDON.

ORMSBY GRAYDON, City Enginee

ALD. WM. WYATT, Chairman No. 2. Committee,

TORONTO PUBLIC SCHOOL BOARD **Tenders Wanted**

Sealed tenders will be received by the Secre-tary Treasurer of the Board until

Friday Noon, August 28th, 1908, for the several works required for the

Enlargement of Kew Beach School.

Plans and specifications may be seen and all information obtained at the office of the Board, City Hall, on and after Priday, August 21st. Bach tender must be accompanied by the de-posit mentioned in said apecifications and forms of enders.

The lowest or any tender will not necessarily be accepted.

S. G. THOMPSON, M. D., Chairman of Committee.

W. C. WILKINSON. Secretary-Treasurer.

CONTRACTS OPEN.

STAYNER, ONT.-A new Methodist parsonage may be built here.

UXBRIDGE, ONT .- The G.T.R. will

BRANDON, MAN. — The C. P. R. will build a new station here.

ST. ANDREWS, N. B. - Charl Horsnell is about to build a residence. Charles

KNOWLTON OUE .-. The question of rebuilding the tannery is under consideration.

STURGEON FALLS, ONT.-It is proposed to raise \$8,000 for erection of a separate school.

LANARK, ONT.—James Pepper con-templates installing an electric plant for lighting purposes.

BLENHEIM, ONT.— Specifications for new granolithic walks were passed at last council meeting.

The lowest or any tender not necessarily accepted. W. J. PERGUSON, Clerk of Wiarton, Wiarton, Ont.

R. McDOWALL, C. E., Town Engineer, Owen Sound,

No. 27.

TENDERS

will be received by the undersigned up to AUG-UST sist NEXT, for the building of about 2,000 lineal feet more or less of Gement Concrete Side-walk, 4 feet wide, in the Village of Burlington. Address. JAMES ALLEN, Clerk, Burlington, Ont.

CAYUGA, ONT.—A by-law to loan \$8,000 to aid a tannery, glove and suspender factory was carried last week.

ORANGEVILLE, ONT.—A proposal to construct an electric railway from Guelph to this town is being considered.

PERTH, ONT. — Harry Welch has been appointed engineer to superintend the construction of the sewerage system.

COLCHESTER SOUTH, ONT. — J. S. Laird has taken levels of the proposed Shepley drain, estimated cost \$5,-000.

NEWBURY, ONT--Charles Tucker will receive tenders up to 25th inst. for laying 20,000 feet of sidewalks in the village.

IROQUOIS, ONT. — A by-law to grant a bonus to the Excelsior Shoe Co. was carried by the ratepayers on the 11th inst.

ST. LOUIS DU MILE END, QUE. —The by-law to effect a loan of \$250,000 for town improvements was carried last week.

LOUISBURG, N.S. — The Cape Breton Coal, Iron & Railway Company propose to construct a shipping pier here.

SHERBROOKE, QUE. -- Codere & Company have purchased property on King street on which to build a warehouse.

CARLETON PLACE, ONT. — A public meeting will be held on 24th inst. to discuss the waterworks and sewerage question.

HAMPTON, N. B.—It has been decided to organize a company to build a creamery her. James E. Fairweather is interested.

is interested. NEWMARKET, ONT.—The council have passed a by-law granting a site for a clothing manufactory to W. R. Johnston & Co.

GALT, ONT.-M. McKay, of Toronto, agent for Miss Dickson, has a scheme on foot to build a number of houses for workingmen.

VIENNA, ONT.-Debenture No.1 of the village, amounting to \$11,000, 5 per cent. interest, is offered for sale. Address W. Watts, treasurer.

MADOC, ONT.—The question of installing an electric light plant has been taken up by the citizens. A water power will likely be developed.

CHATHAM, ONT.-J. L. Wilson & Sons, architects, are this week taking tenders on a brick school house for S. S. No. 9, Chatham township.

DUNDALK, ONT. — By-laws were carried recently to provide \$8,000 for waterworks, \$6,000 for town hall and \$6,000 for streets and sidewalks.

BROCKVILLE, ONT. — Tenders invited by B. Dillon, architect, up to 20th inst. for erection of public library on corner of George and Buell streets.

BEAUHARNOIS, QUE. — Tenders will be received by L. C. Tasse, secretary treasurer of the corporation, up to August 24th for construction of a reservoir.

PORT ARTHUR, ONT.-J. J. Carrick & Company are about to commence the erection of five more houses. Mr. Carrick says that next year he will build fity.

HUNTSVILLE, ONT.—William L. Rumsay has sold lots on Peninsular Lake to Judge Winchester and Rev. A. B. Winchester, of Toronto, who will build cottages.

GODERICH, ONT. — The Public School Board have asked the Council to submit a by-law to raise \$9,000 for additions and improvements to the Central school.

PORT HOPE, ONT. - The Bridge Committee of the Counties' Council has decided to ask for tenders for building a steel bridge between Cartwright and Manvers.

RENFREW, ONT.—The P. R. Cumming Mfg. Co., manufacturers of broom handles, skewers, etc., Clarksburg, Ont., have made an offer to the council to move to this place.

WATERVILLE, QUE.—A site has been selected for new town hall, plans for which were prepared by G. M. Moulton, architect; 40x60 feet, three storeys and basement. NELSON B. C. M.

NELSON, B. C. — Tenders are invited by the Lands and Works Department, Victoria, up to September 7th, for erection of a court house here. The building will be quite costly.

DURHAM, ONT.—The question of installing a waterworks system is under consideration.—Tenders received by W. Vollet up to September 7th for street lighting by arc or incandescent lamps.

BELLEVILLE, ONT.—The rolling mills here, owned by Kirkwood & Mc-Kinnon, have been sold to a French syndicate who purpose introducing new machinery and building a smelting furnace.

CALGARY, N. W. T.-Mr. Hull has engaged an architect to prepare plans for a new opera house building.-A by-law to raise \$28,000 for constructing granolithic sidewalks will be placed before the voters.

WIARTON, ONT. — The Colonial Portland Cement Co. have deposited with the Department of Public Works, Ottawa, plans for a large dock which they propose to construct on Colpoy's Bay.

HALLVILLE, ONT. — Bids close 25th. inst. for purchase of \$27,849.20 township debentures, issued to construct the Petite Castore river and Annable creek drain. Particulars from Hugh Martin, township clerk.

WINDSOR, ONT. — It is reported that an addition will be built to the Hotel Dieu. — Tenders received by W. A. Hanrahan, secretary water commission, up to 21st. inst for alterations and additions to pumping station.

REGINA, N. W. T.—By a practically unanimous vote the ratepayers have endorsed the proposition to provide waterworks,sewerage and electric light systems. The work is in the hands of John Galt, C. E., Toronto.

BLIND RIVER, ONT.—The council have appointed committees to ascertain the cost of a system of waterworks and fire protection, and to obtain particulars of electric lighting proposition from Dolsen & McEwan.

TRURO, N. S.—The ratepayers have voted in favor of purchasing the plant of the Pictou Gas Light Co. The council has been authorized to borrow \$20,000 for the purpose of installing an electric light plant.

RAT PORTAGE, ONT. — John R. Bunn will receive tenders up to 20th inst. for erection of new hospital building. Plans at office of the secretary, also on application to Mr. M. B. Aylesworth, architect, Port Arthur.

SMITH'S FALLS, ONT.—Col. Matheson, M. P. P., of Perth, has deeded a building lot to L. O. L. No. 88 of this town, and it is likely that a hall will be built thereon.—The corporation wants an engineer to supervise the extension of sewerage and waterworks systems , building sidewalks, and to act as street surveyor.

COLLINGWOOD, ONT.—The council intend to construct concrete sidewalks on the following streets: West side Beach street; east side Cedar street; south side Fourth street; west side Market street; east side Robusson street, and on portions of Spruce, Hamilton, Sixth, Beach, Peel, Ontario, Birch, and Napier streets.

FORT FRANCES, ONT. — It has been decided to proceed at once to build a new Anglican church. Particulars from Rev. Mr. Page.—Tenders are about to be invited for new registry office, 24 x 30 feet, one-storey, brick and stone foundation, fire-proof vault. Plans at office of C. J. Hollands, Crown Land Agent.

MIDLAND, ONT. — The Severn Power Co., of Midland, Limited, capital \$40,000, has been incorporated by D. W. Ackerman, Richard Smith, and othets.— The tenders for the Penetanguishene General Hospital were found too high, and it is probable that the plans will be modified and new tenders invited.

SPRINGHILL, N. S. — Bids close September 1st for construction of waterworks system. Tenders may be for work and material separately or jointly. There will be required 67,500 lineal feet of straight cast-iron pipe, 1,695 tons of special castings, crosses, etc., 46 gate and air valves and 47 double nozzle fire hydrants. John Galt, C. E., Toronto, is englueer in charge.

ST. JOHN, N. B.—The sum of $52_{2,-}$ ooo has been subscribed towards the proposed Y. M. C. A. building. — The city council have reached an agreement with the Imperial Dry Dock Co. under which the dry dock is to be built by the company in the Carleton mill pond. The dock is to be 620 feet long, of wood and granite. Work is to begin within two years from the signing of the agreement.

NORTH VANCOUVER, B. C.—The promoters of the waterworks and the electric light plant will shortly make another proposition to the council. A company is being organized under the tille of the North Vancouver Waterworks Co., which company propose to expend nearly \$20,000 in bringing water from Mosquito creek, two and one-half miles distant. The promoter of the electric light proposition is A. F. Barber.

VICTORIA, B. C.—It is the intention to remodel the Ogle block, which will be occupied to the Drysdale, Stevenson Co. —The British American Dredging Co. have secured permission from the B. C. Government to acquire two acres of land at the foot of Pine Creek Falls, Atlin district, and erect thereon a power house and other necessary buildings. — The Pacific Coast Power Co. have obtained permission to construct a dam across Powell river, in New Westminster district, estimated cost \$too.oo.

HAMILTON, ONT.—William Goldberg is building five brick houses on York street, between Crooks and Locomotive streets, to cost about \$6,000.—T. Beasley, city clerk, will receive tenders up to 24th inst. for supply of brick, beach sand, castings, and lime; also for con-



CANADIAN CONTRACT RECORD

August 19, 1903

struction of pipe sewers on Mill street from Caroline to Hess street, and on Madison street, from Cannon to Wilson street.-E. B. Patterson has taken out a permit for a brick dwelling on Wellington street, between Barton and Copland streets, to cost \$1,300.

TORONTO JUNCTION, ONT. – Tenders have just been taken on consumptive sanitarium on Buttonwood farm.–Charles Proctor will erect a pair of residences on Pacific avenue, and William Maher a pair on Ontario street.

FORT WILLIAM, ONT.—Flavelle & McLaughlin, of Lindsay, Ont., are reported as arranging for a site for a large flour mill here.—An agreement has been reached between the town council and the C.P.R. officials. Plans for new power house have been decided upon. It will be designed to generate 3,000 horse power, and in addition the company will install fire alarm system throughout the works. The new passenger station will be built next year.

STRATFORD, ONT.—The Board of Works have decided to construct a new septic tank. The contract for concrete work will be awarded this week.—This week a local syndicate will commence the erection of 25 brick houses.—Orr & Russell, architecis, have completed plans for a double house to be built by Mrs. J. F. Sholz, 40 x 37 feet, three-storeys, red brick, hot air heating, gas lighting.—R. B. Barber, architect, has prepared plans for a new residence on William street for J. L. Bradshaw, two-sto.eys and finished attic, red brick, combination hot water and air heating, with both electric and gas lighting, cost about \$3,200. VANCOUVER, B. C. — Numerous subscriptions are being received towards the Y. M. C. A. building fund. — Dalton & Eveleigh, architects, have taken tenders on a car bar for the British Columbia Electric Railway Company. — The Vancouver Brewery Co. contemplate making extensive alterations and addi-

VANCOUVER, B. C. — Numerous subscriptions are being received towards the Y. M. C. A. building fund. — Dalton & Evelengh, architects, have taken tenders on a car bar for the British Columbia Electric Railway Company. — The Vancouver Brewery Co. contemplate making extensive alterations and additions to the brewery on oth avenue, Mount Pleasant, for which tenders will shortly be invited. New boilers and machinery and a 20-ton ice-making plant will be installed.—Martin & Robertson, wholesale commission agents, purpose adding two-storeys to their warehouse.— C. R. Oldershaw and Blackmore, Son & Goenther, architects, have each deposited the necessary cheques as a guarantee that the new high school building can be erected according to their plans for \$73,000.

MONTREAL, QUE. — Mr. Janin, waterworks superintendent, has recommended the installation of a filtration system.—St. Helen's parish, which is formed of portions of Notre Dame and St. Joseph's, will convert the old St. Maurice street skating rink into a church, although at a later date it is intended to erect a

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A. D. CREASOR, Sec'y-Treas. Head Office, Owen Sound, Ont new edifice.—Building permits have been granted as follows : J. B. Denis, pair 3 storey bldgs., Frontenac street, cost \$2,ooo each ; F. & T. Herbert, pair 3 storey bldgs., Ontario street, cost \$3,000 ; E. E. Borel, 2 storey bldg., St. Catharine street, cost \$3,000 (C. Venne, architect) ; Philip G. Smith, 2 storey bldg., Rosel street, cost \$2,600 ; F. Raciot, pair 2 storey bldgs., Hotel de Ville, cost \$1,700 each ; Mackay Barbara, addition to 3 storey bldg., Sherbrooke street, cost \$30,000.

LONDON, ONT.—The McClary Mfg. Co. have just commenced work on a brick pattern building, 135 x 35 feet.—The engineer will report on the proposal of the Chealsea Lard & Building Co. to build a bridge over the Thames river at foot of Adelaide street.—Willis Chipman, C. E., of Toronto, has been engaged by the Board of Water Commissioners to report upon the best means of increasing the water supply.—Herbert Matthews,



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Portland Cements

Ganadian, German, English and Belgian DRAIN PIPES and Connections of all kinds. PAVING BRICKS, ENAMELLED BRICKS, FIRE BRICKS, FIRE CLAY, Etc., Etc. & & F. HYDE & CO., 31 Wellington Street - MONTREAL Manage Uniform. Been in the World for Sidewalts. ALPHA POR TLAND CEMENT CO.

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PPLIES

MONTREAL.

ARMILIUS JARVIS. EDWARD CRONVN. JOHN B. KILGOUR. C. H. A. GOLDMAN MUNICIPAL DEBENTURES BOUGHT ÆMILIUS JARVIS & CO., (Toronto Stock Exchange) 19-21 King St., West, TORONTO, Ont.

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architect, is preparing plans for a pleasure resort building at Alward Lake, Michi-gan, three houses on York street, this city, for George F. Morris, Masonic hall and stores at Tilsonburg, and poultry building and addition to warehouse on Bathurst street, city.

OTTAWA, ONT.—Tenders are in-vited up to August 24th for erection of a new school building on Bolton street, from plans by Band, Burritt & Meredith, architects, 194 Sparks street.—Building permits have been granted as follows: permits have been granted as follows: James Matthews, brick dwelling, Maple street, cost \$5,000; James Oliver, alter-ations to brick residence, Wellington street, cost \$5,200; J. P. Haryet, brick veneered dwelling, Lett street, cost \$1, 900; Gasper Lanthier, brick veneered shop and dwelling, Rochester street, cost \$1,000; L. Jarvis, brick veneered dwell-ing, Gilmour street, cost \$1,200; L. J. ing, Gilmour street, cost \$1,250; J. J. Smith, brick dwelling, Waverly Road, cost \$2,500; John Martin, brick dwelling, iron roof, cost \$3,000; W. Dawson, frame dwelling, Bell street, cost \$1,000. - The city council have decided to purchase a 15 ton road roller.

WINNIPEG, MAN.-- Mr. McNicol, of the C. P. R., stated last week that if an agreement could be made in connec-tion with the subway matter in the course of the next few weeks, the company would at once commence work on the new depot and hotel.—The following works will be undertaken by the city

council : Asphalt pavements on Water street, cost \$16,729; on Nassau street, from McMillan avenue to Pembina road, cost \$8,648; macadam road, way on Good cost \$8,648 ; macadam roadway on Good street, cost \$5,490 ; granolithic walk on east side of Fort street, cost \$1,765 ; south side Water street, cost \$1,000 ; north side Fort street, cost \$1,960 ; north side Fortage avenue east, cost \$2,073 ; south side Portage avenue, from Donald to Hargrave and from Carleton to



Send for Catalogue.



Vaughan streets, cost \$6,180; sewers on Victor street, cost \$85,0; on Croydon avenue, cost \$1,214—James Cadham, architect, is this week taking tenders on a six-storey brick factory for the Kemp Mfg. Co.—Tenders will shortly be taken on erection of about fifty small cottages along Canadian Pacific Railway, some located east of Moose Jaw, others near Banff. Particulars from W. H. Aldridge, Banff. -- Hugh Sutherland, executive agent of the Canadian Northern Railway, states that the extension of their present offices is contemplated. The erection of a new hotel, he says, is not likely to be undertaken until the depot is finished. It is the intention to construct a line of railway from a point on the old Hudson's Bay road around Lake Manitoba to the Daunhin line.

finished. It is the intention to construct a line of railway from a point on the old Hudson's Bay road around Lake Manitoba to the Dauphin line. TORONTO, ONT.- Plans of waterworks system to be installed at Springhill, N.S., are on view at the office of John Galt, chief engineer, this city. Tenders close September 1st.-Tenders are wanted at 407 Margueretta street for rough-cast house, --F. H. Herbert, architect, has just taken tenders on remodelling the old building and erecting new pavilions on the Buttonwood farm, near Weston, for the National Santarium Association. -- The city engineer has recommended the construction of an asphalt pavement on Shannon street, from Ossington avenue to Dovercourt road, cost \$5,060, and on Avenue road, from Davenport road to north limit of Toronto Railway track, cost \$20,760, also a water main on Dundas street, from



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CANADIAN CONTRACT RECORD August 19, 1903 MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS John H. Jackson VILLIS CHIPMAN CHARLES BRANDEIS Hon. Grad. McGill University. M. Can. Soc. C.E. M. Am. Soc. C.E. Mem. Am. W.W. Ass'n. TERWORKS. SPURPS **CIVIL ENCINEER** Consulting Electrical and Mechani-WATER POWER, ELECTRIC RAIL-WAYS, STRUCTURAL STEEL. cal Engineer. Mem. Ann. W. W. Ass'n. ATERWORKS, SEWERACE WORKS, GAS WORKS, ELECTRIC LIGHT AND POWER PLANTS Reports, Surveys, Construction, Valuations 103 BAY STREE? - TORONTO Electic Lighting, Power and Railway Plants. Liverpool London and Globe Building, MONTREAL Niagara Falls, Canada Associated with Charles H. Mitchell, C. E., Hydraulic Engineer. Long Distance Telephone Main 3256 R. E. SPEAKMAN, C.E. Greatest Concrete Mixer Made The Yet A. M. Inst. C. E., 1878. CONSULTING ENGINEER Waterworks, Sewerage and Sewage Disposal. Municipal Improvements. Granolithic Pavements. Electric Light Plants. Drainage and Irrigation of Land. Coal Handling Plant and Machinery. Plans, Specifications and Estimates. Construction and Valuations. This is only one of 30 NUMBER OF PATENTS WRITE FOR OUR NEW or more styles of ma-CATALOGUE F. chines that we make 35,664 for different kinds of concrete work. 10 pa-tents allowed, others Canada Life Building - TORONTO pending Y 699,668 701,312 Roderick J. Parke CONSULTING ENGINEER Also Mortar and draulic Power Development. Long Distance ower Transmission. Steam Plants, Electric Lighting and Power Systems. Tests. Valuations. Reports. **Asphalt Mixers** 51-51 Janes Building, Cor-TORONTO, CANADA King and Yonge Streets TORONTO, CANADA DRAKE STANDARD MACHINE WORKS Factory, 7-9-11-13 Garden Street, Chicago. d Salesroom, 298-300-302 W. Jackson Boul. CHICAGO, ILL., U. S. A. WILLIAM H. BREITHAUPT, C.E 18 GANADIAN M. AM. SOC. C.E., M. CAN Different Sizes CONSULTING STRUCTURAL ENGINEER and **CONTRACTOR'S** Styles. Foundations, Bridges, Buildings. BERLIN, ONT. HAND-BOOK Mounted CEMENT TESTING Skids and Estimator Jr. J. T. Donald Trucks. Official Analyst to the Dominion Government. Established 1880. With Physical and Chemical Tests on all kinds of CEMENTS and RAW MATERIALS. Prompt returns and lowest rates consistent with accurate work. Third Edition Without Power Attache 112 St. Francois Xavier Street, Montreal, Canada Price \$1.50 ; to on Trucks With Gasoline Engine. subscribers of the Canadian **ROSS & HOLGATE** Architect and Builder, \$1.00. Are Unexcelled for Rapid and Thorough Mixing They are the Simplest and Strongest in Con-struction. Capacities up to 350 Cubic Vards per Day. Consulting and SEND FOR A COPY **Supervising Engineers** W.H.C. MUSSEN & CO., MONTREAL C. H. Mortimer Waterworks, Electric Light and Power Plants, Structural Work, Reports, Estimates, Arbitrations. Publishing Co. Toronto. to ST. FRANCOIS XAVIER ST. - MONTREAL RAILS For Contractors, Switches, Gir-ders, &c. New and Second Hand Please mention THE CONTRACT RECORD when corresponding with advertisers. MCKELVEY CONCRETE LOCOMOTIVES & CARS MIXERS THE MANUFACTURED W. A. MCKELVEY, McKint on Building, TO SONTO. John J. Gartshore 83 Fn Opposite Queen's Hotel,) TORONTO. These machines are made to mix FIREMEN'S LADDERS either continu--AND ously or in LADDER TRUCKS batches, and can We make the lightest, quickest, strongest and cheapest. Every Town and Village needs them and can afford them. They will save 50 times their price in insurance premiums. Write for circulars and quotations. be operated either by Hand, Steam or Gasoline Power. THE WAGGONER LADDER CO., Limited

- - ONT.

LONDON

corner of Bloor street northerly, a distance of 2,100 feet, cost \$2,675.—Tenders are invited by the Board of Control up to 25th inst. for construction of a number of sidewalks, particulars of which may be obtained at the office of the city engineer. The property committee have voted against the erection of a new fire hall on Berkeley street.—Building permits have been granted as follows : W. A. Elliott, been granted as follows: W. A. Elliott, pair two-storey stone and brick dwellings, 212 and 214 Macdonell avenue, cost 212 and 214 Macdonell avenue, cost \$5,000; Samuel McKenzie, two-storey brick residence, west side Lansdowne avenue, cost \$1,650; Humphrey & Webb, pait two-storey brick dwellings, 403 and 405 Perth avenue, cost \$4,000; corpora-tion of Toronto, enlargement of Isolation hospital, cost \$31,000; Arthur McCreery, two-storey brick and stone dwelling, west ride Marupartie streat near College two-storey brick and stone dwelling, west side Margueretta street, near College, cost \$1,200; Miss Amelia Girgell, two-storey rough cast dwelling, west side Morse street, near Queen, cost \$1,000; H. C. Cox, alterations to dwelling, 15 Queen's Park, cost \$5,000.

CONTRACTS AWARDED.

PALMERSTON, ONT. -Granolithic avement : Royal City Paving Co., of Guelph, contractors.

ST. CATHARINES, ONT. - Spillway waterworks reservoir : D. G. Rowan, this city, successful tenderer.

BROCKVILLE, ONT,-\$45,000 town debentures : Dominion Securities Corporation, Toronto, successful tenderers.

CHATHAM, ONT.--The contract for pavements on King and Lacroix streets and Robinson average has been re-let to C. W. Cadwell, of Windsor, at \$2,57 per sq. yard and 49 cents per foot for the curb and gutter.

WINNIPEG, MAN.-Supply of pig lead: J. H. Ashdown Hardware Co., successful tenderers, \$69.50 per ton.-Sewers : Dobson & Jackson, successful tenderers, Notre Dame avenue \$4,305.50, Elgin avenue \$355.50, Sargeant avenue \$321.20.

ST. JOHN, N. B.-Improvements to general asspital: Masonry, Tilly & Clark, \$5,650; carpentry, M. J. Green, \$7,700; plumbing, heating and gas fittings, J. S. Coughlan, \$2,735; painting and plumbing,

J. H. Pullen, \$1,350; copper work, J. E. Wilson, \$2,743.—The C. P. R. have award Wilson, \$2,743.-The C.P.R. have award ed D. C. Clark the contract for renewal of the grain conveyors in cont their elevators at Sand Point. connection with

their elevators at Sand Point. MONTREAL, QUE, —The Fire Com-mitice last week awarded contracts for new stations as follows: No. 1 Station, mason work, Joseph Latreille & Courpany, \$20,000; woodwork, Precourt & Con-pany, \$10,242; plumbing, P. Leclerc & Sons, \$4,102. — No. 19 Station, mason work, Martineau & Prenoveau, \$9,455; woodwork, Lambert & Sons, \$8,303; woodwork, Lambert & Company, \$2,825. work, Martineau & Prenoveau, \$5,45; woodwork, Lambert & Sons, \$8,30; plumbing, Lesperance & Company, \$2,835 --No. 9 Station, mason work, Martineau & Prenoveau, \$8,357; woodwork, P. Chemberlain, \$7,998.75; plumbing, J. O'Consoll \$2,570 Chemberlain, \$7 O'Connell, \$2,750.

JOHN GALT, G.E.&M.E.

MEM. CAN. Soc. C.E. AND C.E.A., ETC. CONSULTING ENGINEER and EXPERT National Trust Building Toronto



204 St. James St. WATERWORKS PIIMPS

Municipalities contemplating the installation of waterworks pumps will find it to their advantage to investigate our pumps-both as to cost and service.

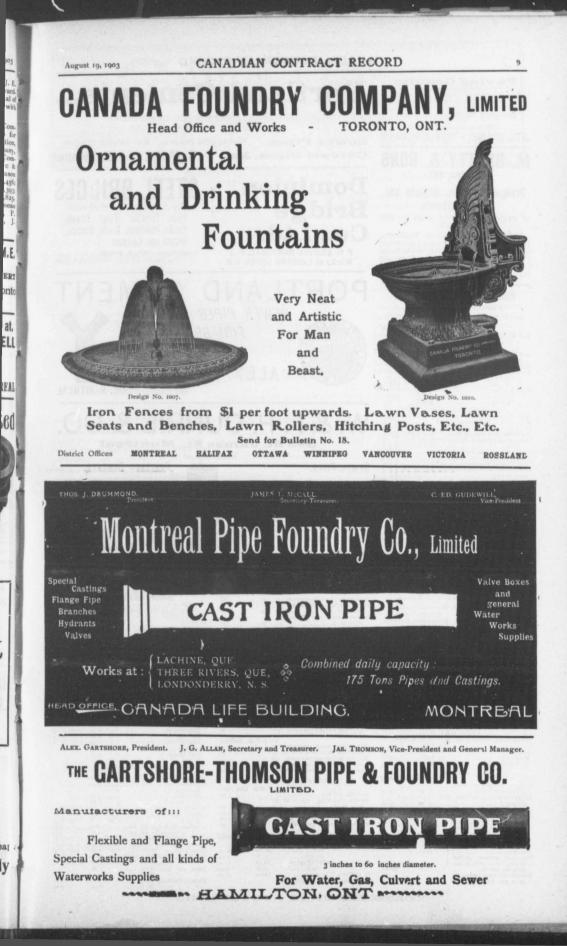
Northey pumps are giving satisfaction under all sorts of conditions in scores of towns in Canada.



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Northey pumps are designed for efficient, continuous work and meet the requirements.

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(CORRECTED UP TO AUGUST 18TH.)