

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

MARCH 4, 1903

#### THE CANADIAN CONTRACT RECORD.

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

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

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

CONFEDERATION LIFE BUILDING, TORONTO Telephone 2362.

Branch Offices : Imperial Building, Montrea.
22 Great St. Helen's, London, B. C.
Telephone Main 2299.

Advertising Rates on application,

Subscribers who may change their address shuld give fromt notice (f same. In doing s., give both old and new address. Notify the publishers of any irregularity in delivery of paper.

#### WANTED

First-Class Draughtsman. Apply DARLING & PEARSON, Imperial Bank Building, Toronto.

#### TENDERS

-FOR-

## Swing Bridge

Will be received by the undersigned until noon on the 267H DAY OF MARCH, 1903, for the erection of a Steel Swing Bridge over the River Sydenham, at the Village of Tupperville, Kent County, Ont.

Tenders to include steel work and substruct the bridge to be finished complete according to plans and specifications prepared by W. G. McGeorge, C. E.

A marked cheque for five per cent of the tendered price must accompany each tender and will be returned when contract is awarded. The lowest or any tender not necessarily accepted. Plans and specifications may be seen or had from

A. McARTHUR, Township of Chatham Clerk. Office in the City of Chatham, Ont.

## CITY OF BRANDON

#### TENDERS FOR PORTLAND CEMENT.

Sealed tenders, addressed to the Chairman of the Board of Works, for the supply of from 2,000 concepts of the the supply of the process of the sundersigned up to 120 clock noon, on FRIDAY, MACRI SOTH, 1903. Specification and form of tender may be obtained at the office of W. It. Shillinglaw, City Engineer, Brandon, Manitoba. Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of the contract of the contract of the contract of the contract of called upon to do so.

The city reserves the right to reject any or all bids, or to accept any bid which appears advantageous to the city.

J. B. WHITEHRAD,

J. B. WHITEHEAD, City Clerk City Clerk's Office, Brandon, February 16, 1903.

#### **DRAUCHTSMAN WANTED**

Apply stating terms and experience to H. C. MCBRIDE, Architect, London, Ont.

**TENDERS** 

for the erection of a House on Crescent Road, Roseda e, will be received by the undersigned till 5 p.m., on TURSDAY, MARCH 3RD. The lowest or any tender will not necessarily be accepted.

BURKE & HORWOOD, Architects, 28 Toronto Street, Toronto.

#### **ENGINEER WANTED**

Applications will be received by the under-signed for the position of City Engineer for the City of St. Catharines, Oal., up till the FIRST DAY OF APRIL, 1993. Applicants to state salary required and previous experience, and all applications to be marked, "Application for posi-tion of City Magineer."

JOHN S. McCLELLAND, City Clerk.

#### **TENDERS WANTED**

Scaled tenders will be received by the undersigned until noon on the 1971 DAY OF MARCH next, for supplying material and putting in heating plant in the County Buildings of the County of Feel. Plans and specifications can be seen at the office of the County Clerk in the Court House, Brampton, on and after Friday, the 19th day of February. The lowest or any tender not necessarily accepted.

JAS. JACKSON, Chairman of Committee.

BRAMPTON, 12th February, 1903.

## TENDERS WANTED STEEL WORK

Offers will be received by the undersigned for furnishing materials for and erecting three steel water tanks, for Municipal Water Works pur-

Bridge-N. Y., (i) Trestle and tank at Bridg burg, Ont., opposite Buffalo, N. on the Niagara River.

(2) Trestle and tank at Edmonton. Alberta, about 200 miles north of Calgary, N. W. T., Canada.

(3) Trestle and tank at Strathroy, Ont. (near London, Ont.)

Plans and specifications will be sent to respon-sible manufacturers upon application. Separate offers are to be given for each. No tender necessarily accepted.

WILLIS CHIPMAN, Civil Engineer. Address 103 Bay Street, Toronto, Ont., Canada. Plans are invited for Library Building, Goderich, up till MARCH 13TH, 1901. Corner lots, angle 45°, cost \$9.00. Plan accepted paid for. D. J. NAFTEL, Secretary, Goderich, Ont.

Agent wanted for Tiles and Sanitary Earthen-ware, must have first-class connection through-out Canada. Apply with all particulars and in-formation to THE HENRY RICHARDS TILE Co., Longport, Staffs, England.

#### **Tenders Wanted**

Tenders will be received up to noon. MARCH 12TH, for all trades in the erection of St. James Rectory, Adelaide Street East. The lowest or any tender not necessarily accepted.

Plans and specifications may be seen at the office of the architects,

DARLING & PEARSON, Imperial Bank Building, Toronto.

#### CONTRACTS OPEN.

SYDENHAM, ONT.-A.A. Blakesley will erect a brick residence.

NEWBLISS, ONT.—A new Angli-can church will be erected here.

COOPER, ONT.—A new Methodist church will be built here this spring.

NEWMARKET, ONT. - Dr. Hutt will probably build a new residence.

AMHERST, N. S.-Ainsley Black will build a residence on Rupert street.

PORT DALHOUSIE, ONT.—Herbert Cole is about to build a new residence.

WALLACE, N. S. — Tenders have been invited for erection of new Methodist church.

COOKSHIRE, QUE. - Steps are being taken to raise funds to build a new Catholic church.

ABBOTSFORD, B. C.—It is stated that E. R. McDnoald will build a shingle mill here.

FORT WILLIAM, ONT. - R. D. Hawks intends building a block of stores

CLINTON, ONT. -- It is probable that a large addition will be built to the House of Refuge.

PORTAGE LA PRAIRIE, MAN. A new waterworks system for the town is to be constructed.

RIMOUSKI, QUE. - The Govern-ment has been requested to extend the wharf at this place

KINGSBRIDGE, ONT. - A Catholic church, to cost \$20,000, will be erected here this spring.

CARP, ONT .- A portion of the Kidd property will be purchased as a site for new school building.

CHARLOTTETOWN, P. E. I.-The plans of W.C. Harris have been accepted for new market building.

WATFORD, ONT. - R. C. McLeay is considering the installation of a neelectric light plant, at estimated cost of \$7,000.

SYDNEY, N.S.—The town engineer will report upon the cost of installing water meters for all services.

MEAFORD, ONT.—Plans for harbor improvements here have been submitted to the Board of Trade for inspection.

DIGBY, N. S.—The council will extend the waterworks system towards Green Point, at a cost of \$2,000.

PRESTON, ONT. — The Canadian Office & School Furniture Company purpose erecting new buildings.

HALIFAX, N.S.—It is reported that the Canadian Bank of Commerce will erect a new building in this city.

EAST TORONTO, ONT.—Mr. Snell intends building a block of stores on the corner of Gerrard and Main streets.

COLCHESTER, ONT. — A. Baird, C.E., is preparing plans for extensive improvements to the Long Marsh drain.

ELMIRA, ONT.—The Elmira Real Estate Company has been organized and will build twenty houses this season.

BRANDON, MAN.—It is rumored that a commodious hotel, to cost \$60,000, will be erected here by local capitalists.

ST. THOMAS, ONT.—N. R. Darrach, architect, is preparing plans for a twenty-room school building to be built this year.

GEORGETOWN, ONT.—A considerable enlargement of the Floral View Greenhouse is contemplated. Dr. Roe is interested.

NELSON, B.C.—Edward Mooney, of St. John, has prepared plans for a new church. Particulars from Rev. Father Power

CHESTERVILLE, ONT. — It has been decided to repair the school house instead of building a new one, as has been advocated.

MEDICINE HAT, N. W. T.—Marshall & Hunter will build a warehouse and the Medicine Hat Milling Co. a building.

WOODSTOCK, ONT.—On March 23rd the ratep yers will vote on a by-law to raise \$20,000 for construction of a trunk sewer.

PORT HOPE, ONT.—The Standard Ideal Sanitary Company have decided to build another addition to their factory, 45 x 93 feet.

BARTONVILLE, ONT.—The school trustees have been empowered to obtain plans for a new school building to cost about \$3,000.

RED DEER, N. W. T.—George W. Green desires tenders by March 25th for purchase of \$4,500 4 per cent. 20 year debanture.

ORILLIA, ONT.—C. E. Grant, town treasurer, will receive bids up to 9th inst for purchase of \$48,000 4 per cent. year debentures.

MONCTON, N. B.—D. Pottinger, of the Intercolonial Railway, will receive tenders up to 18th inst. for extension to freight car repair shop.

EDMONTON, N. W. T.—P. Mc-Naughton has been instructed to obtain tenders on a 1,000 horse-power condenser for the power house.

ENNISKILLEN, ONT.—J. W. Mc-Dougall will receive tenders up to 7th inst. for repair of the Brooke, Enniskillen and Down townline drain.

PAISLEY, ONT.—James Stark has purchased property on which he will erect a block of brick stores.—H. B. Putman intends building this spring.

WELLAND, ONT.—A government engineer has made surveys for a new bridge to be built this year over the Welland canal at Main street.

CARBERLY, MAN. - James Balfour is this week taking tenders on erection of brick and stone Methodist church. Plans by H. S. Griffiths, architect, Winnipeg.

GRANBY, QUE. — A by-law will be submitted to the ratepayers to grant a loan of \$10,000 to H. & F. Giddings & Co. to assist them in rebuilding their factory.

RENFREW, ONT.—Thomas Logan purposes enlarging his woollen mills.— Mr. Williams will build a hosiery factory here, the Council assisting by means of a loan.

HAMPTON, N. B. — The G. & G. Flewelling Company have definitely decided to rebuild their saw mill and box factory, the foundations having been commenced.

PETERBORO, ONT.—It is the intention of the Canadian General Electric Company to spend about half a million dollars this year for new buildings and plant.

NORTH BAY, ONT.—J. J. Warren, of Toronto, representing the pulp company, has purchased a site on which to build the mill, and work will be proceeded with immediately.

WINDSOR, ONT. — The Building Committee of the Board of Education has recommended that steam heating apparatus be installed in all schools, at estimated cost of \$10,000.

NELSON, B. C. — The Kootenay River Lumber Company, organized by Joseph Genelle and John Billings, will build a new mill and install a complete sash and door equipment.

GLACE BAY, N.S.—The Dominion Coal Company will erect a number of dwellings for employees.—The erection of an infectious diseases hospital wi!l likely be undertaken at an early date.

STRATFORD, ONT.—The Stratford Hotel Company, Limited, has been organized, with a capital of \$50,000. It is proposed to build a fine hotel. G. G. McPherson is a large stock-holder.

YARMOUTH, N. S. — The town council has decided to take immediate steps to install a street lighting system and will shortly call for tenders for electrical apparatus, engines and boilers.

SMITH'S FALLS, ONT. — G. T. Murtin, architect, this town, has completed plans for Presbyterian stone church at Balderson's Corners.—It has been decided to enlarge the town hall and secure plans for a new fire ball.

CLINTON, ONT. -- The Dominion Government is asking for tenders up to 21st inst. for construction of hot water heating system in post-office in this town. Plans on application to Henry Stevens, Clerk of Works, and at the Department at Ottawa.

ST. JOHN, N. B. — J. & L. B. Mayer purpose making additions to the Cold-brook excelsior mill and erecting a foundry.—The City Council has decided to build a new ferry boat. A prize of \$75 will be given for the best design.

INGERSOLL, ONT.—H.C. McBride, architect, of London, is preparing plans for erection of a new church for the North street Methodist congregation. — The proposed library building will be erected on the market site. Plans for a suitable building have been asked for.

OSHAWA, ONT.—The Council will construct a granolithic sidewalk on west side of Simcoe street and north side of Mill street, at estimated cost of \$1,240.—Nearly \$6,000 has been subscribed towards erection of proposed hospital.

VANCOUVER, B. C.—The council of North Vancouver has requested competitive plans for enlargement of wharf and landing. Particulars from Alex.

Philip, Ions of Court.—The congregation of Mount Pleasant church will take steps to provide increased accommodation.

SAULT STE. MARIE, ONT.—Dr. Adams purposes erecting a building near the Bank of Commerce.—It has been decided to submit a by-law to the ratepayers to raise \$30,000 for erection of new High School and \$16,000 to build a new town ball and a fire hall.

SARNIA, ONT.— R. W. Fawcett, architect, is preparing plans for a red brick residence for J. R. Geddes, 2½ storeys, cost \$5,000.—The Government will be petitioned to dredge the harbor here and at Point Edward to a depth of 20 feet.

VICTORIA, B. C.—F. M. Rattenbury, architect, is about to erect a two-storey brick building on the site of the old Vancouver Hotel.—It has been definitely decided that a new tourist hotel will be built at Oak Bay, to replace the Mount Baker.

CHEMAINUS, B. C.—The Victoria Lumber & Manufacturing Company intend building a railway from Ladysmith into the timber limits owned by the company. In connection therewith a wharf 400 feet long will be built in Oyster Harbor.

CALGARY, N. W. T.—An architect has been instructed to prepare plans for a stone Methodist church to cost about \$20,000, with steam heating, art glass dome, balcony, etc. — The Great West Saddlery Company will build a factory and warehouse 75x130 feet, cost \$30,000.

HAMILTON, ONT.—It is the intention of the Canada Steel and Wire Company to enlarge their plant.—At a meeting of city lodges of the Independent Order of Foresters, held last week, the question of erecting a building was tavorably considered.

BARRIE, ONT.—The County Council will call the attention of the Government to the necessity of building a bridge over the Severn river between the townships of Orillia and Morrison.—Thomas Kennedy, architect, has pepared plans for remodelling the interiors of the Queen's and Wellington hotels in this town.

LONDON, ONT.—Moore & Henry, architects, are calling for tenders for plumbing for St. Joseph Hospital.—Herbert Matthews, architect, is calling for tenders for alterations and additions to Parisian Steam Laundry.—The Bink of Toronto has purchased the Hiscox building, and it is understood that a two-story addition will be built hereto.—Bids will be received by A. M. McEvoy, County Treasurer, up to 21st. inst. for purchase of \$26,500.4 per cent. debentures.

OTTAWA, Ol.T.—The managers of the Mackay street Presbyterian church have decided to engage an architect to estimate the cost of required extensions and improvements.—The County Council



will submit a by-law to the ratepayers to will submit a by-law to the ratepayers to raise \$270,000 by an issue of debentures for the purpose of improving the highways.—James Wilson has purchased a lot on corner of Lisgar and Kent streets.

The time for receiving plans for Carnegie library building expired yesterday. Mr. A. T. Taylor, of Taylor & Gordon, architects, Montreal, has been appointed as one of the experts.

as one of the experts.

OWEN SOUND, ONT. — J. McLauchlan, president of the Grey & Bruce
Cement Company, desires tenders by 5th
inst, for construction of a dock.—The
Ontario Linseed Oil Company is asking
for tenders up to 5'h inst, for erection of
an oil mill, to be 16o feet long, of stone,
concrete foundations, brick smike-stack.
—The plant of the Canadian Heating &
Ventilating Company will consist of fourteen stone buildings. Christie Bios. are
largely interested. largely interested.

QUEBEC, QUE. — J. L. Newton, of Watertown, N. Y., has closed a deal with the Quebec Government for certain water the Quebec Government for certain water powers on the Pentecost river and intends building a pulp mill.—E. Caron is promoting a priject to have an elevator running from the foot of Mountain Hill to the top of the bluff. The cost is estimated at \$20,000.—It is said that Mr. Mercier, proprietor of the Commercial Printing Company, will erect a modern building at the foot of Mountain Hill costing \$20,000.—Ouellet & Levesque, architects, are preparing plans and speciarchitects, are preparing plans and specifications for galleries and painting in the church of St. Agapit, County Lotbiniere.

WINNIPEG, MAN .- J. H. G. Rus-WINNIPEG, MAN.—J. H. G. Russell, architect, wants tenders by 10 inst. for erection of Augustine Presbyterian church at Fort Rouge.—A motion has been introduced in council to raise \$700,000 by the issue of debentures for erection of an isolation hospital.—It is the inten-tion of the council to construct the foltion of the council to construct the low lowing works:—Sewer on Assimboine and Central avenues, cost \$16,940; grano-lithic walk on west side Princess street, from Ross to Pacific avenues, cost \$874; on west side Edmonton street, from Graham to York aver.ues, cost \$1,268 16; Graham to York aver.ues, cost \$1,208 16; on south side Graham avenue, from Fort to Kennedy streets, cost \$2,170.33.—
C. E. Hamilton, who has charge of the application for a charter for the Northern Pacific Railroad, states that the system as outlined will aggregate some 2 500 miles and will cost some \$33,000,000.
The road will cross the Red liver twice, and the first section to be built will and the first section to be built will

THE CREY AND BRUCE PORTLAND CEMENT COMPANY of Shallow Lake, Limited.

Manufacturers of

HERCULES" FORTLAND OF

Very finely ground. Unsurpassed for Side-walks, Flors and all work requiring the Highest Grade of Fortland Cament. For prices

A. D. CREASOR, Sec'y-Treas. Head Office, Owen Sound, Ont-

probably he from the boundary to Winnipeg.—W. T. J. Gael, 821 Main street, has taken tenders on alterations to the Southeastern Hotel. - John Schwab, architect, desires tenders by 7th inst. architect, desires tenders by 7th inst, for erection of stone and red brick block on Garry street.—Dailing, Pearson & Over, architects, are this week taking tenders on brick house on Balmoral Place, Broadway.—J. Greenfield, architect, is taking tenders up to 9th inst, for erection of brick and stone building for the Modern Laundry & Dya Warks the Modern Laundry & Dye Works Company.

MONTREAL, QUE. Hutchison & Wood, architects, have completed plans for an addition of three storeys to the building on corner of St. Peter and Recollect streets occupied by L. Gnaedin-

High - Grade Road Machinery

ger, Sons & Company. The walls of the addition will be of Scotch fire-brick and stone.—J. A. Kurch, architect, has prepared plans for large addition to the Queen's Hotel, of which Fuchs & Raymond are proprietors. The enlargement will consist of 75 rooms; estimated outlay, \$75,000.—S. A. Finiey, architect, is

The Largest and Most Complete Stock of



Graders, Crushers, Rollers, Wheel apers, Dump Carts, Drag Scrapers, reading Waggons, Rooter Plows, Pic ws, Grader Plows, Moulda for Concrete SAWYER & MASSEY CO., LIMITED,

Established 1836 Free Catalogue.

## A.E. AMES&CO.

BANKERS.

18 King Street East, TORONTO. Buy and Sell

GOVERNMENT, RAILROAD and MUNICIPAL SECURITIES.

## **Portland Cements**

Highest Grade

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



## PHA Portland Cement

Quality Unexcelled. The Recognized Standard American Braud Always Uniform. Best in the World for Sidewalks. ALPHA PORTLAND CEMENT CO, anufacturers of but one grade—Strictly Straight Portland. General Offi.e: ALPHA, N. J.

Sole Canadian Sales Agents-

**HENDERSON & TAYLOR** 203 Commissioners Street, MONTREAL

65 to 73 Pearl Street, Toronto, Ont.

## STRUCTURAL IRON WORKS

Fire Fscapes. Library Racks, Sidewalk Doors, Jail Cells, Iron Stairs, Railings, Etc., Etc.

WRITE FOR ESTIMATES.

The Canadian Bridge Co., Limited WALKERVILLE, ONT.

MANUFACTURERS OF

RAILWAY AND HICHWAY BRIDGES

Locomotive Turn Tables.
Roofs, Steel Buildings and
Structural Iron Work of all descriptions

EMILIUS TARVIS.

EDWARD CRONYN.

JOHN B. KILGOUR.

C. R. A. GOLDMAN

MUNICIPAL DEBENTURES BOUGHT

ÆMILIUS JARVIS & CO. (Toronto Stock Exchange) 19-21 King St. West, TORONTO, Cnt.

preparing plans for extension of St. J imes' C ub edifice. It has not yet been definitely decided whether to extend the definitely decided whether to extend the present building or erect an entirely new structure.—The Bell Telephone Company have completed the purchase of all the property on the north side of Hospital street, extending from their own building to the offices of the North British and Mercantile Insurance Company. It is the internal of the street of the North British and Mercantile Insurance Company. It is the intention of the company to erect an addition to their premises, although this may not be done immedi-The Harbor Commissioners have alely.—The Harbor Commissioners have decided to build steel sheds upon the high level wharves, instead of wooden ones as originally proposed. The cost of steel construction is estimated at \$2,382.000.—The Minister of Marine and Fisheries announces that a commissioner of the steel of the ste mission has been appointed to report upon the proposed construction of a dry-dock for this city.—H. C. Stone, architect, has charge of the reconstrucarchitect, has charge of the louiding as the lon of the old Waverly Hotel building as a factory for the Hudson Boy Knitting Company.—Plans have been prepared and tenders are being asked for a house for Profes or Lambert at Westmount. R. Percy Barnes is the architect .- Same architect is taking tenders for a water tower and plumbing and drainage to house at St. Ann's for J. G. Grant.—R. M. Rolden, architect, is preparing plans for two houses in Westmount for Mr. Bulmer.—Building permits have been granted as follows: Hormidas Leduc, granted as follows: Hormidas Leduc, five two-storey houses, Brebocul street, cost \$6,500; Royal Victoria Hospital, two-storey hospital, Pine Avenue, cost \$2,000 (A. J. Taylor, architect, Wighton, Monson & Co., contractors); Grey Nunnery, two one-storey stores, corner Guy and \$1. Catherine streets, cost \$4,000 (J. Venne, architect, Alf. Gravel, contractor); D.C. Brosseau, alterations to store, 1434 Notre Dame street, cost to store, 1434 Notre Dame street, cost \$1500; Mrs. H. Lyman, alterations to store, corner St. Peter and Recollet streets, cost \$23,000. TORONTO, UNT. - The Western

Assurance Company have purchased the buildings immediately west of their premises on Wellington street east, and it is reported will remodel them. — R. J. Parke, E. E., of this city, has been au horized to prepare plans for introducing electricity on the Welland canal. It is proposed to light and operate the canal by electricity, but the lighting only will be installed during the coming summer.—Plans are in course of preparation for the new St. Andrew's College to be erected north of the lacrosse grounds in Rosedale. — The Wm. Davies Company, Limited, is negotiating for sites in several provincial towns with the idea of erecting buildings for the purpose of branch stores.— The Board of Control desires tenders by noon of 5th inst. for dredging slips.—The City Engineer has recommended the construction of the following works: Tile pipe sewer on St. Clarens avenue, from Wallace to Lappin avenues, cost \$2,593; Spadina road, Bernard avenues, cost \$2,535; Spadina road, Bernard avenue to Dupont street, cost \$7,760. Brick pavement—Clarence street, Wellington street to point 218 feet north, cost \$1,590. Maradam roadway — McGee street, Queen street to E istern avenue, cost \$4,655. Cement concrete sidewalks—Doaling avenue, both sides, King street to G. T. R. tracks, cost \$1,651; Hoskin avenue, south side, St. George to Queen's Park, cost \$1,025; Beverley street, west side, Cecil to College streets, cost \$6,75; King street, north side, Dunn to Jameson ave., cost \$5,78; Duchess street, south side, Ontar o to Parliament, cost \$1,144; Avenue road, west side, Davenport to Rathnally crescent, \$1,941; Gerard street, south side, Teraulay to Elizards street, south side,

beth streets, cost \$502; Wood street, south side, Church to McMillan streets, cost \$501; Grange avenue, south side, Denison to Hackney streets, cost \$315. An addition of forty rooms is to be built to the Grand Union Hotel this spring. The property of the late Hon. G. W. Allan on Moss Park Place has been sold and it is believed that the purchasers intend erecting a factory on the site. Allan Cassels is solicitor for the estate.— Building permits have been granted as fol-lows: Macpherson Estate, two-storey and attic brick dwelling, 6 Cluny avenue, cost attic brick dwelling, o Ciuny avenue, cost \$4,400; R. E. King, pair two-storey and attic brick dwellings, 687 and 689 Spadina avenue, cost \$4,200; R. Cook, two-storey brick dwelling, 178 Arthur street, cost \$2,400; A. E. Peglar, pair two-storey dwellings, brick fronts, 206 and 208 Pape avenue, cost \$2,400; M. H. Flint, two-storey and attic brick and stone dwelling. 369 Markham street, cost \$2,000; Eclipse Whitewear Company, four-storey brick factory, cerner King and John streets, cost \$35,000; S. Budd and R. Springstead, pair one-storey and mansard detached dwellings, Hogarth avenue, cost \$: 400; Metropolitan Bank, alterations to store, corner Queen and McCaul streets, cost \$1,500; H. M. Death, two pairs brick and stone dwellings, Concord avenue, near College street, cost \$8,000; J. M. Wighton, three storey brick storehouse, 128 Agres street, cost \$1,800.

#### CONTRACTS AWARDED.

VICTORIA, B.C.—Residence on the Work Estate: Moore & Whittington, contractors.

CARLETON PLACE, ONT.—Boilding for Mr. Riddell; Mr. Pattie, contractor for carpenter work.

VICTORIA, B. C.—The tender of W. C. Brent, of Toronto, has been accepted for purchase of \$200,000 debentures; price 99%.

PETROLIA, ONT. — The following tenders were received for bridge over Bear Creek: Dominion Bridge C impany, Montreal, \$4,200: Canadian Bridge Company, Walkervil e, \$4,280; Hamilton Bridge Company, \$3,965 (accepted.)

CHICOUTIMI, QUE.—Convent for Sisters of Good Shepherd: Ouellet & Leverque, of Queber, architects; J. B. Martel, contractor. Building will be 110 by 50 feet, four-storeys, stone and brick, cost \$32,000.

FORT WILLIAM, ONT. - Double tracking C.P.R. line from Rat Portage to

Fort William: Foley Bros. & Company, contractors.—Piles for Ogilvie mill: Lake Superior Timber Company, contractors.—Presbyterian manse: A.C. Patch, successful tenderer, \$3,700.

TORONTO, UNT.—The Temiskaming & Northern Ontario Railway Commission have awarded the contract for 8,200 tons of 80 lb. steel rails to Charles Cammel & Company, of Shtffield, Eng., at \$28.25 per ton f.o.b. North B.y.

WINNIPEG, MAN.—The City Council have accepted the tender of the Kere Engine Company, Walkerville, Ont., for supply of valves, and that of the Allis Chalmers Company for crushers, boiler, engine, etc.; tender of latter company, \$0,900.

ST. MARY'S, ONT. - Steel superstructure of Park street bridge: Stratford

The Best is the Cheapest,

The . .

# PORTABLE CRAVITY CONCRETE MIXER

Weight about 500 lbs.

High Grade Concrete at very low cost for labor.

Portable.

Large Capacity.

Extremely Simple.

No Power used.

No Skilled Labor.

Continuous in action.

E. F. Dartnell

## JOSSON CEMENT .. Manufactured at. NIEL ON RUPELL

Send for Catalogue.

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works.

TO BE HAD FROM ALL CANADIAN DEALERS

C. I. de Sola.. Manager in Canada : 180 St. James Street, MONTRFAL



# "Lehigh" Portland Cement

Capacity 9,000 Barrels every Day in the Year.

For Sidewark, and all other work requiring the highest quality Portland Cement Used by the U.S. Government a -d the live est contractors and users of Portland Cements in the United States.

THORN CEMENT CO. - Buffalo, N. Y.

ALWAYS IN STOCK

Syracuse Smelting Works, Montreal, P.Q.

#### Notice to Contractors.

The Ningara Fulls Machine & Foundry Co., Limited, Ning on Falls, Out.,

are making a specialty of improved HOISTING AND BU LDING ENGINES.

## THE CRESCENT CONCRETE PAVING CO.

Contractors for all branches of

#### COMCRETE WORK

4 Lombard Street, TORONTO Yards: 133-135 Wellington St. West. Phone Main 1649.

## ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY

CORPORATIONS Will do well to consider our work and prices before letting contracts

The Silica Barutic Stone Gompany of Ontario, Limited.

## MUNICIPAL SUPPLIES

Complete Stone Crushing Plants, 75, 100 and 300 tons per day, Road Graders, Mud Scrapers, Rock Drills, Steam Road Rollers, Gasoline Fire Engines, etc.

#### T. A. MORRISON & CO.

204 St. James St.

MONTREAL

CEO. L. CRIFFITH, C.E.

Municipal Engineering in General.

Waterworks, Sewerage and Sewage Disposal, Street Railways, Concrete Pavements, Concrete ricel Bridges, Drainage and Irrigation, Water Power Levelopment, Reports, Plans, Specifica-tions, Estimates, Construction.

General Instrumental Surveys undertaken for Public Works of every description. Bank of Hamilton Chambers, Winnipeg, Man.

## PORTLAND

SAMSON BRAND

CEMENT

MAGNET BRAND

MANUFACTURED BY

THE OWEN SOUND PORTLAND CEMENT COMPANY, Limited, Owen Sound, Ont.

Works at SHALLOW LAKE, ONT.

Write us for prices.

# RATHBUN'S STAR "

The Leading Canadian Portland Cement.

Gapacity of Works: 500,000 Barrels Per Year.

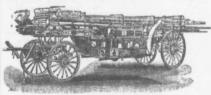
SALES AGENTS

The RATHHUN CO.

St. Lawrence Portland Cement Co. 2664 Notre Dame Street West, Montreal, Que.

## LIGHTNESS, STRENGTH AND ECONOMY

Seagrave Patent Trussed Ladders, Trussed Aerial, City Service and Village ok and Ladder Trucks and Chemical Engines, Trussed Trucks and Hand Pumps, Combination Hose Wagons and Chemical Perspective Combination Hose Wagons and Chemical Engines, Trussed Trucks



bination Hose Wagons and Chemical Engines, Hose Wagons, Combination Hook and Ladder Trucks and Hose Wagons, Chemical En-gines, Fire Extinguishers, Hose Reels, Patrol Wagons, Ambu'ances, Specialty Wag-ons, Patent Sleigh Runners, and other Modern Fire Fight-ing Tools. ing Tools.

Prompt attention given all inquiries. All goods built to order.

W. E. SEAGRAVE, WALKERVILLE



## FIRE APPARATUS

## ROAD MACHINERY

FIRE ENGINES in five sizes. with a full line of firefighting goods

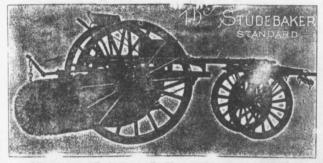
We Rebuild other makes of Fire Engines with our patent Boiler.

## BRANTFORD PITTS DOUBLE ENGINE STEAM ROAD ROLLER

IN THREE 81ZES-10, 12 and 15 ton. CORRESPONDENCE SOLICITED.

WATEROUS, Brantford, Canada

Hugh Cameron & Co., Selling Agents, 16 East Queen Street, Toronto



tackpole Impreved Street Sweeping Machine 1s the Standard of Perfection

Perause no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of case and mechanical presion. It Weats Well. "The Studebaker." has the smallest number of working rarts, and see gearing than any other sweeper made. It is free from all unnecessary compilications, With asonable clue it does not get out of order. Send for complete descriptive calledgue.



Studebaker Sprinkler

(PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray
Can be graded from driver's seat to any volume

IMPROVED VERTICAL SPRAY

Geo. Heaman, Mnfr., London, Ont.

Bridge Company, successful tenderers, Pratt truss bridge at \$3,450.—J. A. Hum-phris has awarded the following con-racts: Block for John M. Adam, car-penter and joiner's work, J. B. Road-house; stone and brick work, William house; stone and brick work, William Cockram; painting and glass, Chas-Stewart; inon and steel work, Jas, Chalmers: plastering, G. Patterson. Residence for Win. Louch, carpenter and joiner's work, Johnson & Co.; brick and stone work, Hugh Finch; painting and glass, J. Wiliard; plastering, F. Patters, Cockram and Pattern, P. Patters, P. Patt

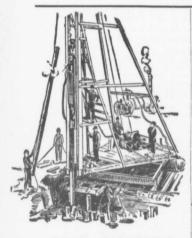
terson; remodeling J. D. Moore Block, Brown, Teavlin & Barr.

ST. JOHN, N. B.—The tender of Singleton, Dunn & Company, of Glasgow, has been accepted for supply of 180 tons of water pipes. The following tender, were received: Singleton, Dunn & Co were received: Singleton, Dunn & C; Glasgow—4-inch pipe, \$29,44 per ton; 6-inch, \$28 22; to and 12 inch, \$27, with the addition of 1s 3d for freight, insur-ance and inspection and 2 per cent. commission; Montreal Pipe Foundry Co. through Vroom & Arnold—4, 6, 10

and 12 inch, \$24 free on cars here; United States I on Pipe and Foundry Co., Philadelphia, four \$2:9, \$12.40; R. D. Wood & Co., Philadelphia — All sizes at \$29 exclusive of duty; Wm. Jacks & Co., Glasgow, through Wm. Stairs, Son & Morrow, of Halifax, all sizes about \$33 landed in St. John.

HAMILTON, ONT.—The contract for sewer pipe has been awarded to the Hamilton & Toronto Sewer Pipe Company at following prices: Straight pipe,

(Continued on page 8.)



Portable Boilers Hoisting Engines **Pumping Machinery** 

TOLET

Bridge Building, Trestle Work, Wharves, Dams, Diving Submarine Work and General Contracting.

WM. HOOD & SON

10 Richmond Sq. MONTREAL DEBENTURES

Municipalities contemplating the issue of Debentures will find it to their advantage to communicate with

G. A. STIMSON & CO.

Investment Dealers 24 and 25 King St. W.

The DeLano-Osborn Ingineering Co., Limited 506 Mauning Chambers, Toronto.

CONSULTING AND DESIGNING ENGINEERS.

Consultations, Plans, Specifications and Superintendence for Bridgework, Steel Building Frames, Portland Cement Plants, Power and Miscellaneous Plants, Water Power Development, Electric Railways, etc.

Inspectors of trustural Material and of Kailway Equipment.

Pittsburgh Testing Laboratory, LIMITED

Inspecting and Metallurgical

Inspecting and Metallurgical
Engineers and Chemists
SPECIALTIES: Inspection of RAILS and all
material for BRIDGES, BUILDINGS, and
other structure, cast from pipe, wood
MANUFACTURE AND ERECTION.
Expert examination and reports, chemical
analyses and physical tests of all kinds.
Cement Testing.
146 St. James Street, Fontreal, P.Q.

THE STEEL "CHAMPION" IS THE KING OF GRADERS

"CHAMPION" Road Machines are now in use in every Province of Canada.



20th Century Catalogue

The Good Roads Machinery Co., Limited 144 YORK SIRKET - HAMILTON, ONT.



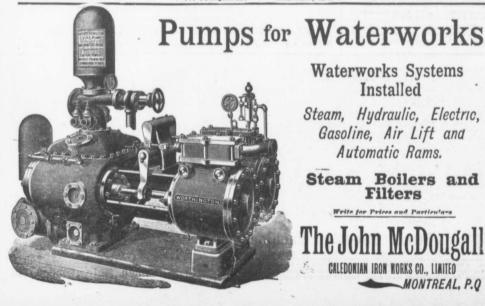
and Foundation Work.

By 5-ton Automatic Steam Pile Hammer, Water Jet or Drop Hammers, Dock Build-ing, Submarine Work and Dredging.

BUILDING MOVER AND WRECKER

General Contracting.

JNO. E. RUSSELL, - Toronto 908 Queen St. E.-Phone M. 2007.



Waterworks Systems Installed

Steam, Hydraulic, Electric, Gasoline, Air Lift and Automatic Rams.

Steam Boilers and **Filters** 

Write for Prices and Particulars

The John McDougall

CALEDONIAN IRON WORKS CO., LIMITED MONTREAL, P.O.

WATE

COL Canad

Ro CO

Ern Waterwoo REPOI

H.F

SPEGIAL

RO

Consu

17 ST. JOI McKINNO Perg

CON Railwa

JAMI CIVIL A

Examinati Supervis Powers, P. O. Box 877 Dorch

when cor

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

## WILLIS CHIPMAN

Hon. Grad. McGill University.
M. Can. Soc. C.E.
M. Am. Soc. C.E.
Mem. Am. W.W. Ass'n. WATERWORKS, SEWERAGE WORKS, GAS WORKS, ELECTRIC LIGHT AND POWER PLANTS
Reports, Surveys, Construction, Valuations

103 BAY STREET - TORONTO

R. E. SPEAKMAN, C.E. A. M. Inst. C. E., 1878.

### CONSULTING ENGINEER

Waterworks, Sewerage and Sewage Disposal. Municipal Improvements. Granolithe Eventents. Granolithe Eventents. Description of Land. Call Handling Plant and Machinery. Plans, Specifications and Estimates. Construction and Valuations.

Canada Life Building - TORONTO

## Roderick J. Parke CONSULTING ENGINEER

lydraulic Power Development. Long Distance Power Transmission. Steam Plants, Electric Lighting and Power Systems. Tests Valuations. Reports.

109-410 Temple Building, TORONTO, CANADA

Telephones { Office—Long Distance Main 2047 Residence-Long Distance North 2204 Telegraphic address: "Rodparke." W. U. Code, Univ. Edition.

## Ernest G. Hopson Member Boston Society Civil Engineers.

Waterworks, Sewerage, Power Development, Structural Design.

REPORTS, DESIGNS, SURVEYS AND SUPERVISION.

Offices: 55 Parrington Street. Halifax, N. S. Commercial Bank Eldg. Sydney, C. B.

## H.F.STRICKLAND

EFECTRICAL ENGINEER

Reports, Valuations, &c., for negotia ions relative to Municipal twanship.

35 Adelaide St. E., TORONTO PHONE, Main 1838.

## ROSS & HOLGATE

#### Consulting and Supervising Engineers

Waterworks, Electric Light and Power Plants, Structural Work, Reports, Estimates, Arbitrations.

IT ST. JOHN ST. MONTRBAL McKINNON BLDG TORONTO

## Percival W. St. George Mem. Inst. C. E. London, England. Mem. Can. Soc. C. E.

#### CONSULTING ENGINEER

Railway, Sewerage, Water, Hydraulic, Expert and Arbitrations, &c.

BELL TELEFHONE BIDG. MONTREAL Telephone, Main 4717.

## JAMES C. KENNEDY

MEM. CAN. SOC. C.E.

CIVIL AND HYDRAULIC ENGINEER

Examinations, Reports, Plans, Estimates, Supervision of Construction, Water Powers, Water Works, Sewerage, etc.

P. O. Box 710, Owen Sound, Ont., and 877 Dorchester Street, Montreal, Que.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

#### THE PHOENIX BRIDGE & IRON WORKS,

MONTREAL

## **GENERAL STEEL CONTRACTORS**

Large Stock I BEAMS, CHANNELS, ANGLES, TEES, ZEES and PLATES always on hand.

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS

Best English Cements. Best Belgian Cements Sewer Pipes, W. McNALLY & CO., Montreal Culvert Pipes, &c.

345 St. James St., Montreal

SEWER PIPES.

CULVERT PIPES, ETC.

VENT LININGS,

FLUE COVERS,

FIRE BRICKS. FIRE CLAY,



PORTLAND CEMENTS.

HIGH GRADE ENGLISH

" GERMAN 4.6 BELGIAN

PLASTER OF PARIS

BORAX,

CHINA CLAY.

CONGRETE

MIXER

18 Different Sizes and

Mixes in Batches. Discharges by Tilting while Running. Mounted on Skids or Trucks.

> Catalogue on Application. - SOLE CANADIAN AGENTS -

W. H. C. Mussen & Co., 763 Graig St., MONTREAL

## GANADIAN CONTRACTOR'S HAND-BOOK

and Estimator

Third Edition

Price \$1.50; to subscribers of the Canadian Architect and Builder, \$1.00.

SEND FOR A COPY

C. H. Mortimer Publishing Co. Toronto.

## The KERR ENGINE COMPANY, Limited

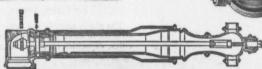
PUMPING MACHINERY

HYDRANTS and VALVES

Are our Specialty

Don't fail to write us for Catalogue and prices.

WALKERVILLE, ONTARIO



per f.-4 in., 7 cts.; 6 in., 10 cents.; 8 in., 16 cts.; 9 in., 18 cts.; 12 in., 28 cts.; 15 in, 41 cts; 18 in, 53 cts; 20 in, 69 cts; 24 in, \$1.15; 27 in, \$2 20; 30 in, \$2.70; 30 in, \$3.70. Junctions in 2 ft. lengths—4 35 lin., 23 /5. yin., 37 ct. s; 8 in., 70 cts.; 9 in., 75 cts; 12 in., \$1.20; 15 in., \$1.75; 18 in.; 52.25; 20 in., \$3; 24 in. \$4.50; 27 in., \$6; 30 in., \$5; 30 in., \$5; 30 in., \$5; 30 in., \$10. Elbows and ends, each—4 in., 20 cts.; 6 in., 30 cts.; 8 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 50 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 6 in., 50 cts.; 7 cts.; 8 in., 50 cts.; 6 in., 50 cts.; 7 cts.; 8 in., 50 cts.; 7 cts.; 8 in., 50 cts.; 7 cts.; 7 cts.; 7 cts.; 8 in., 50 cts.; 7 cts.; 7 cts.; 7 cts.; 7 cts.; 7 cts.; 8 in., 50 cts.; 7 cts.; 7 cts.; 7 cts.; 7 cts.; 7 cts.; 7 cts.; 8 in., 50 cts.; 7 ct 55 cts.; 9 in., 62 cts.; 12, 15 and 18 in., 70 cts. Traps, each—4 in., 70 cts.; 6 in., \$1; 8 in., \$2.25; 9 in., \$2.50. Stoppers, each—4 in., 4 cts.; 6 in., 6 cts.; 9 in.,

LONDON, ONT.—The tender of the Silica Birytic Stone Company, of Ingersoll, has been ac epted for construction of concrete walks, at 9½ cents per foot. For curbing tenders were accepted as follows: Curbing, without gutters, Forest City Company, 16 cents a foot; combined curbing and 15 inch gutter, Forest City Company, 33% cents; combined curbing and 18 inch gutter, Silica-Barytic Company, 37% cents; combined curbing and 18 inch gutter, Silica-Barytic Company, 37% cents; combined curbing and 18 inch gutter, Silica-Barytic Company, 37% cents. and 18-11 guiter, Silica-Barylic Company, 37½ cents; combined curbing and 24-in-h guiter, 40 cents a foot. Pit gravel will be supplied by Alexander & Ross and Cotton & Moo-e.—Supply of 1,500 feet of fire hose: Guita Percha & Rubber Company, Totonto, successful tenderers, Paragon brand at 90 cents per foot.-S x Paragon brand at 90 cents per tenders were received for alterations to Central fire hall, the lowest being as follows: Brickwork, John Hayman & Sons, \$1,673: carpenter work, John Dodd & Son and W. S. Dividson, \$1,499 each; plumbing, Smith Bros. & Co., \$109; plastering, Stratford & Biwden, \$145; painting, Westland Bros, \$250; heating, Smith Bros. & Co., \$211. — Electric wiring of Beck's box factory: London Electric Campany, contactors. Brickwork, John Hayman tric Company, contractors.

MONTREAL, QUE .- The Harbor Commissioners have awarded contracts for supplies as follows: Ordinary Canadian iron, Peck Rolling Mills Co; forged Canadian iron, Frothingham & Workman; Canadian refined iron and sun iron,

Edward Cavanagh Co.; Lowmoor iron, Frothingham & Workman; Norway iron and machinery steel, B. J. Coghlin; pressed spikes, Auguste Couillard; wharf spikes, Montreal Rolling Mills Co.; cut nails, Amiot, Lecours & Larrivere; nuts, L. H. Hebert; washers and carriage bolts, Caverhill, Learmont & Co.; gas pipes, ¼ inch to 2 inches, Canada Hard-ware Co.; brass and bronze castings, Garth Co.; iron castings, P. Amesse; Sattings, Canada Switch and Spring Co.; pine pitch, M. McKenze & Co.; coal oil, L. Lafleur; castor oil, Acguste Couilard; tailow, the William Strachan Co.; boiled linseed oil, H. Lamontague; turpentine, Canada Paint Co.; white lead and oil, W. E. Dickson; sal soda crystals, Darling & Brady.—Contracts for electric light installation for Francistown, Que., also electric light and power installation for the De Laval Mfg. Co., United Shoe Machinery Co., and R J. Tooke's new factory in this city have been awarded to Fogarty Bros.

#### FIRES.

Palace Rink at Hamilton, Ont., owned by the Counsell Estate, loss \$3,000.—College of St. Ferdinand d' Haufax, in county of Megantic, Que., totally destroyed, loss \$25,000. Building was owned by the Christian Brothers.—Riverdale Woollen Mills cwned by D. Graham, Sons & Company, of Inglewood, Ont.; loss \$20,000, partly covered by insurance.—Board of Trade building at Port Arthur. Ont., owned by 1. M. at Port Arthur, Ont., owned by J. M. Neelin, damaged to extent of \$6,000.—

### JOHN GALT, C.E.&M.E.

MEM CAN SOC. C.E. AND C.E.A., ETC CONSULTING ENGINEER and EXPERT

ROOM 12, ABERDEEN CHAMBERS, Cor. Victoria and Toronto Adelaide Sts., Specialties—Water Supply and Sewerage. Bread, biscuit and confectionery factory of Moir, Son & Company at Halifax, N. S., totally destroyed; loss about 500,000, about half covered by insurance.—Buildings at Orangeville, Ontocupied by J. E. Booth, liquor store; Jackson, Brett & Comyany, hardware store, Mercer & Robinson, harness emporium, and H. B. Clarke, Gordon House; total loss \$40,000.

The price of range boilers was recently marked down 50 cents, the reduction being the result of United States competition. Many sizes of iron pipe have been advanced owing to scarcity of stock.

Lyons Electric Co - Brantford, Ont. Contractors, Specialists, General Supplies.
Close Figures on High Class Work.

## WATERWORKS PUMPS

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.

WE MAKE

# For all Duties"

Write or telegraph and we will send a representative to you to make a personal inspection.

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

Limited Joronto

#### Portland Cement..

Write or Telegraph to BELLHOUSE, DILLON & CO., 30 St. Francois Xavier Street, MONTREAL,

for prices...Large stock constantly on hand.

a the World

BELLHOUSE, DILLON & CO., 30 St. Francois Xavier St., Montreal ole Agents for the Compagnie Generale des Asphaltes de France (Rock Asphalt.)

NORTH'S CONDOR" BRAND AWARDED FIRST PRIZE AND GOLD MEDAL AT THE ANTWERP EXHIBITION

#### STEEL-CLAD AND BRICK SET INCINERATORS



Toronto Furnance & Crematory Co., LIMITED 14 and 16 Queen St. East, TORONTO, CANADA Experts in sanitary disposal of dangerous wastes,

Garbage, Refuse, Night Soil, Dead Animals,

For Cities, Towns, Hospitals, Hotels, Abattoirs, etc.

The plants embody the newest features of modern practice and are constructed to meet the requirements of the smallest towns and the largest cities, capacities ranging from 4 to 100 tons daily. Correspondence invited.

Distr

Bra Нус

ALEX. TH

Man

Specia

Water

# CANADA FOUNDRY COMPANY, LIMITED

Gas and Waterworks Supplies



Flanged End Outside Screw and Yoke Gate Valves.

Cast Iron Water and Gas Pipe

Special Castings of all kinds Valves **Hydrants** 



Indicator Gate Valve.

Flanged End Gate Valve with Hand-Wheel. Railway Supplies, Structural and Ornamental Iron Work

**Head Office and Works** 

MONTREAL . HALIFAX OTTAWA

WINNIPEG

TORONTO, ONT.

VANCOUVER VICTORIA ROSSLAND

District Offices

Montreal Pipe Foundry Co., Limited

Special Castings Flange Pipe Hydrants Valves

CAST IRON PIPE

Valve Boxes Water Works Supplies

Works at: LACHINE, QUE. Combined daily capacity:

175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING.

MONTREAL

ALEX. GARTSHORE, President. J. G. ALLAN, Secretary and Treasurer.

Jas. Thomson, Vice-President and General Manager.

LIMITED.

Manutacturers of::

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies.

**CAST IRON PIPE** 

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON ONT

#### **Paving Granite**

Granite Sets for Street Paving — CURBING cut to any shape ordered. — Fine Rich Colors for Building and Monumental Purposes. Quarries, St. Phillipe d'Argenteuil, P.Q.

Address all communications to

JOS. BRUNET - COTE DIS NEIGES, MONTREAL

## M. BEATTY & SONS

Dredges, Ditchers, Derricks and Steam Shovels

of various styles and sizes to suit any work.

Submarine Rock Drilling Machinery, Hoisting Engines, Su-pension Cableways, Horse-Power Hoisters, Gang Stone Saws, Centrifugal Pumps for Water, Sand and Gold Mining, and other Contractors' Plant.

#### Prices of Building Materials.

PRESSED BRICK, Per M.

PRESSED BRICK, Per M.	
ILTON PARSSEN BRICK AND SEWER PIPE CO.  F.O.P. F.O.B. Milton, O.t. Montreal	
Red No. 1.         2 Jo         \$48 oe           " 2"         " 4"         \$15 oe           " 1.         1.0 oe         \$16 oe           Buff No. 1.         2.0 oe         \$18 oe           Bown         2 oe         \$25 oe           R-man Red         2 oe         \$25 oe           Buff         3 oe         \$35 oe           " Hown         2 w         \$40 oe           " Sewers         2 u         \$12 oe           " Sewers         2 u         \$2 u           " Backing         2 u         \$2 u           " Backing         2 u         \$2 u	
DON VALLEY PRESSED BR CK WORKS.	
Nos 1, and 3, Red Pressed Bricks 95 88 100s 1 and 5 Buff Pressed Bricks 96 80 80 10s 1 and 5 Buff Pressed Bricks 10s 1 Brown Pressed Bricks 10s 1 Brown Pressed Bricks 1 Brown Pressed Promote Bricks 1 Brown Pressed Poundation Bricks 1 Brown Bro	
TORONTO PRESS D BRICK AND TERRA COTTA WORKS	

TORONTO PAGOS D BRICK HI		F.O.B.	
	M(1)	ton, Ont.	Montreal.
Red No. 1		. 12 50	18 00
" 2		. 10 50	16 00
** 3		. 8 50	14 00
Buff No. 1		15 00	20 00
** 2		. 13 00	18 50
Brown		. 20 00	25 50
Roman Red		. 30 00	30 50
** Buff		. 30 00	33 50
" Prown		. 35 00	40 50
Hard Building		. 6 50	15 00
11 Sewers		. 650	12 00
" Backing		. 6 00	11 50
Moulded and Ornamental from	m 5	2.00 to \$5	oo per ron,
Terra Cotta String Courses a			
Roofing Tiles, \$20.00 per 1,00	00, \$	23.00 Mot	itrea

BEAMSVILLE BRICK AND TERRA COTT	A CO.
F.O.B. Beamsville.	
Red Peerless Facing\$15 00	\$20 50
" No.1 13 00	18 50
" No. 2 11 00	16 50
" No. 3 8 50	14 00
Rr. w . Peerless Facing 20 00	25 50
" No. 1 18 00	23 50
Buff Peerless 20 00	25 50
" No. 1 18 03	23 50
" No. 2 15 00	20 50
Moulded an   Ornamental B ic from \$3 to	\$10 per C:
Roman Red (Size 12 x 4 x 1 1/2 in.). 28 00	33 50
" tuff " " 23 00	33 50
" Brown " . 34 00	39 50
Vitrified Paving Brick No. 1 18 00	23 50
" " No. 2 15 00	20 50
Sewer 6 50	12 00

Roofing Tile	. 22 00	26 00
STONE.		
	Toronto.	Montreal
Common Rubble, per toise,		
delivered	13 00	11 00
Large flat Rubble, per toise,		
delivered	14 00	18 00
Foundation Blocks, per c. ft.	30	50
Granite (Stanstead) Ashlar, 6		
in. to 12 in., rise 91n., per ft.		25
Amherst Red Sandstone	-	
Amherst N.S., per cub. ft.	85	70
Sackville, N.B., brown stone	85	75
Masillon	30 00	
Stanstend granite paving		
x41/2 in. per M		50 00
Granite curbing stone, 6g		
so in per lineal foot		90



In Excavating in rook for sewers, gas or water mains, use our

# **ROCK DRILLS**

CANADIAN RAN ) DRILL CO., Sherbrooke & Montreal, Que.

Dominion Bridge Co., Ltd.

P. O. Address, MONTREAL, P. Q. Works at LACHINE LOCKS, P.Q.

## STEEL BRIDGES

For Railways and Highways Piers, Trestles, Water Towers Tanks, Buildings, Roofs, Girders, Beams and Columns

Toronto Agent : GEO. E. EVANS, 38 Canada Life Bldg., TORONTO, ON'I

## PORTLAND CEMENT

TAND CITY

BI

B

n

D

Br

FIRE BRICKS
FIRE CLAY

ALEX. BREMNER

50 Bleury Street, MONTREAL

## THE CANADIAN SEWER PIPE CO.

MANUFACTURERS OF



FOR

## Sewers, Culverts and Water Pipes

Inverts for Brick Sewers

WRITE FOR DISCOUNTS

ST. JOHNS, P. Q. HAMILTON, ONT. TORONTO, ONT.

uctouche Olive Freestone	Toronto.	Montreal 65		Ton	ronto.	Mont	eal.
live Sandstone (Indian-	-03	~3	PORTLAND	OEM.	ENT.		
town, N. B)	80		English-				
rown Sandstone (Sack-			Br ok's Shoobr'dge Brand			3 00	2 10
ville, N. B	80	70	Excelsior Brand				2 15
foat red sandstone, per		60	Belgian -				
cu. ft		00	" Josson" Brand	2 84	2 00	2 50	2 60
lack Pasture buff stone, per cu. ft		50	"North's Condor	2 80	2 05	2 40	
lova Scotia blue grey, per cu		85	"White Cross"		- 10	1 75	
oursers, 4 to 6 in. 1 ed. f.		~3	Atlas			2 50	
b., St. Mary's, per cord		3 00	Hammer "			1 8o	
ooting, 21/2 to 3 in. wide, 6	in.	3 00	R d Cross Brand				1 95
thick, per running foot	70		Anch r "				2 50
ridge Stone, 10 to 13 in. thi	cle		Waterloo "				2 20
f. o. b. St. Mary's, per cor	d 6 00	0.00	Racvel's 396 lb. bbl				2 50
ranite (Laurentian Pink) A	sh.	,	Levie Bros., "				2 50
lar,6 to 2 in., rise 9 in., per	cft.	25	German				
imension Stock Granite, (I.	aur-	-	Off ro ther Brand	2 40	2 50	1 00	2 20
entian Pink) for building	pur-		Dyckerhoff	- 4-	- 30	2 50	
poses, per c. ft., f o.b. quari	ries	40	Karlstadt	2 50	2 60	2 10	
o., for polishing purposes,	up.	-	Canadiat.—		-		9
to 2 tous weight, per cubic f		70	Star Brand	2 40	3 00		
	P.O.	B. Halifax	Ensign "	215	2 70		
imension stock granite		D. Maillan	Citadel "	2 00			
building purposes, per cu	ft	50	Trowel "			1 75	
o., for polishing purposes,	up	30	Samson Brani	25	2		
to 2 tons weight, per cubic		1 00	Ma net '	2 05	2 40		
aving sets, per thousand bl	ock	60 00	Monarch "	2 10			
CREDIT VALLEY			Hercules "	2 Io	2 25		
CREDIT VALLEY	POR.	. Quarries.	American-				
subble, per ton	F.U.B		Alpha Brand			2 50	2 60
rown Coursing, up to to	Der	50	Alsen's	2 75	2 85		2 45
rown Coursing, up to 10 sup. yard	ber	2 00	Lenigh, in bbl ., 3.5 lbs.		3 00		2 50
rown dimension, per cub,	f)	65	cotton sacks, 250 net		2 20		250
rey coursing, per sup. yard		1 25	t aper bags		3 0		2 35
rey dimension, per cub. fl		45	D agon extra				2 45
			K ne's uperfine "Whites"	10 00	13 00		10 00
SLATE.	Toront	. Montreal	Keene's Coarse "Whit s"				7 00
orfing (# square).			Fire Bricks, Newcastie, per M	27 00	32 00	18 00	33 00
red	20 0	80 00	" Scotch "			17 00	33 00
nufa ling green	9 0	10.00	Lime, 100 lbs., Grey		30		
unfa ling green olack	10 0	11 00	" " White				
nia Cotta T 1: per sq	9 0	901	Plaster, Calcined, N. B		3 00		2 00
mia Cotta T 1: per sq resmental Plack Slate Roofing	13 30	94 (30	" " N. S	-	3 00		3 00
Esmenter Linck State WoonDE	10.0	10 00	Hair, Plasterers', per bag	60	1 00		1 00