

CANADIAN Contract Record

*A Weekly Journal of Public Works, Tenders,
Advance Information and Municipal Progress*

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. 15.

TORONTO, MONTREAL AND WINNIPEG, JUNE 15, 1904

No. 18.

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the Canadian Architect and Builder.
Subscription Price, \$2 per annum, payable in advance.

THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2362.
Branch Offices:
36 Alliance Building, Montreal,
Telephone Main 2399.
310 McIntyre Block, Winnipeg,
21 Great St. Helen's London, England.

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

The undersigned is desirous of re-engagement as Quantity Surveyor or as Clerk of Works.
W. FRASER,
21 Clifton St., Toronto.

FOR SALE

Cheap, four Steel Coal Tubs with side lever; two are Roasters, one with a capacity of 100 tons and the other of 25 tons per day. Apply
ONTARIO ASPHALT BLOCK CO'Y, Limited,
Windsor, Ont.

Municipal Debentures FOR SALE

Tenders are asked for and will be received by the undersigned up to 12 o'clock noon, of **TUESDAY, THE 21st INST.**, for the purchase of \$9,000 (Grand Trunk Branch Railway) Debentures of the Village of Fergus with interest thereon at 4½ per cent. per annum; repayable in seven annual instalments of \$1,273.30 each of principal and interest. Said Debentures are dated on 15th December, 1903, and are payable at the office of the Imperial Bank in Fergus on the same day of each year as they severally become due.

The purchaser to pay the interest accrued on said Debentures from date of issue until payment of purchase money.

The highest or any tender not necessarily accepted.

WILLIAM ROSS,
Clerk & Treasurer, Village of Fergus.

TENDERS

will be received by the undersigned up to **1st August, 1904**, for the purchase and removal of the **Old Water Saw Mills, formerly the property of Gilmour & Co., Gatineau Mills, near Chelsea, Que.**, containing probably half a million feet of Lumber and Timber, besides Machinery. **Separate Tenders** wanted for "Iron, Shafting, and Machinery," and for "Lumber, Timber, and Roofing."

All material to be removed from the premises before the 1st May, 1905.

TERMS—Twenty-five p.c. on acceptance of tender, balance in cash as material is removed from the premises.

The highest or any tender not necessarily accepted.

GILMOUR & HUGHSON, Limited,

HULL, QUE.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

Derrick For Sale

I have a first-class Derrick suitable for handling stone or any other heavy material which I would sell or rent. For particulars apply to
WALTER CLARK, Contractor,
Sarnia, Ont.

Tenders for the Draining of the Pottawatamie River

Sealed tenders will be received by the undersigned up to 6 p.m. **ATURDAY, JUNE 25th, 1904**, for the contract for the Draining of the Pottawatamie River. Estimated quantity, 22,000 cubic yards. A marked cheque payable to the Treasurer of the Township of Derby for 10 per cent. of the contract price must accompany each tender, the same to be forfeited if the party tendering declines the contract or fails in the performance thereof, and will be returned in case of non-acceptance. The lowest or any tender not necessarily accepted. Plans and specifications may be seen in the office of MacKay, Sampson & Telford, Owen Sound.

WM. BEATON,
Clerk of the Township of Derby,
Killeyth F. O.

TENDERS WANTED

FOR

Drainage Work.

Sealed tenders marked "Tenders for Drainage Work" will be received by the undersigned Clerk of the Township of Mountain up to the hour of twelve o'clock, noon, of **SATURDAY, the 2nd DAY OF JULY, 1904**, for the construction of the Castore Extension and Eighth Concession Drains. The estimated amount of excavation required is as follows:

Castore extension	52,272 yards
Highway bridges	4
Eighth Concession Drain	23,840 yards
Culverts	1

Plans and specifications and form of contract to be entered into for the construction of the work may be seen and form of tender obtained at the office of Dunn & Fullerton, Township Engineers, Winchester, Ont.

Dated this 4th of May, A.D., 1904.

HUGH MARTIN,
Hallyville, Ont.
Township Clerk.

Wanted

Commission Agent in Winnipeg requires one or two additional lines. Apply P. O. Box 118, Winnipeg.

TENDERS

Will be received up to **JUNE 23rd, 1904**, by the undersigned for the building of 30,636 square feet, more or less, Granolithic Sidewalk for the Town of Durham. The lowest or any tender not necessarily received.

WM. B. VOLLETT, Clerk.

TENDERS FOR ROAD MACHINERY

The Corporation of the Town of Arnprior are prepared to receive tenders up to evening of **17th JUNE, 1904**, for delivery F. O. B. Arnprior of one ten-ton Steam Road Roller and one Rock Crusher No. 4.

No tender necessarily accepted.

GEO. R. NELSON,
Clerk.

PAVEMENTS

Tenders for the construction of about 37,000 square feet of Granolithic Pavement in the Town of Alexandria will be received by the undersigned on or before the **4th DAY OF JULY, A. D., 1904**. Plans and specifications can be seen at the office of the undersigned after the 20th day of June, instant.

ALEX. L. SMITH,
Municipal Clerk.
Alexandria, 20th June, A. D., 1904.

TO CONTRACTORS

Sealed tenders will be received up to **WEDNESDAY, JUNE 23rd NEXT**, for the several trades required in the erection of Public Library Building for Public Library Board of the City of St. Thomas.

Forms of tender and all information can be obtained at the office of the undersigned. The lowest or any tender not necessarily accepted.

N. R. DARRACH, Architect,
St. Thomas, Ont.

TENDERS

Requested by the undersigned up to noon of the **18th June, 1904**, for repairs of Christ Church, near Deseronto, on Mohawk Reserve, Tyedina, according to specifications for such repairs to be seen at my office and at the office of Walter Alford, Architect, Belleville. The lowest or any tender not necessarily accepted.

WM. R. AYLSWORTH,
Acting Indian Agent,
Shire Hall, Belleville, Ont.

Debentures for Sale.

Sealed tenders will be received by the undersigned up to 6 o'clock p.m. **MONDAY, JULY 4th NEXT, 1904**, for the purchase of \$50,000 progressive loan Debentures of the municipality of the Village of Port Colborne, bearing interest at the rate of 4½ per cent. per annum, payable in ten instalments of principal and interest. Said debentures bear date of May 10th last. Interest accrued at time of sale returnable to the municipality.

The lowest or any tender not necessarily accepted.

FRANK D. NOBLE,
Village Clerk.
Port Colborne, Ontario, June 9th, 1904.

Tenders Wanted

Tenders will be received from all trades up to JUNE 24TH, AT NOON, for the erection of an Asylum Building. All information can be obtained at the offices of G. M. MILLER & COMPANY, Architects, 59 Yonge St., Toronto.

TENDER

Will be received by the undersigned up to SATURDAY, JUNE 25TH, for Steam Road Roller for the Corporation of the Town of Toronto Junction; give prices for 10, 12 and 15 ton roller, to be delivered not later than August 1st, 1904. Payable in 5 equal annual instalments. The lowest or any tender not necessarily accepted.

W. J. CONRON,
Town Clerk.
Toronto Junction, June 13th, 1904.

Sealed Tenders

will be received up till WEDNESDAY, JUNE 22ND, at noon, for all trades excepting masonry, carpentry and plastering required in the erection of a large warehouse on Wellington street west. The lowest or any tender not necessarily accepted.

F. S. BAKER, Architect,
Mail Building, Toronto.

TENDERS

Separately and in bulk, will be received by the undersigned up to

Thursday, June 30th.

at 4 p. m., for the construction of Three Concrete Culverts and the Repairing of a Bridge in the Town of Ingersoll.

Plans and specifications may be seen at the Clerk's Office in Ingersoll, or at the office of F. J. Ure, C. E., Woodstock. The lowest or any tender not necessarily accepted.

WM. BURNET,
Chairman Board of Works.

**CONCRETE WALKS
NIAGARA FALLS, CANADA**

Sealed proposals, addressed to John Robinson, City Clerk, will be received by the Corporation of the City of Niagara Falls, Canada, until 8 p. m. MONDAY, JUNE 21ST, 1904, for the construction of Concrete Walks, Section No. 6. The works to be built under this section are about 35,000 square feet of concrete sidewalks of widths 4 and 5 feet and about 3,000 lineal feet of concrete curbing for same.

Proposals must be on the proposal sheets supplied and each one must be accompanied by a certified check for \$500.00 payable to the City Treasurer, said check to be returned to the person making the proposal unless he fail to execute the contract should it be awarded to him.

Plans and specifications may be seen and forms of proposal may be obtained at the office of the Engineer, Niagara Falls, Canada, on and after Monday, the 13th June, 1904.

The City reserves the right to reject any or all proposals.

GEORGE HANAN, Mayor,
JOHN H. JACKSON, Engineer.
Niagara Falls, Canada, June 11, 1904.



**TENDERS FOR
Special Iron Castings**

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on Tuesday, June 21st, 1904, for the supply of:

- 36-in. cast iron special castings.
- 20-in. cast iron special castings.
- 16-in. cast iron special castings.

To be delivered at the Press House, in the City of Toronto.

Envelopes containing tenders must be plainly marked on the outside as to contents. Specifications and forms of tender may be obtained at the office of the City Engineer.

The usual conditions relating to tendering, as prescribed by City By-law, must be strictly complied with, or the tenders will not be entertained. The lowest or any tender not necessarily accepted.

THOS. URQUHART (Mayor),
Chairman Board of Control.
City Hall, Toronto,
May 28th, 1904.

TENDERS

Will be received until SATURDAY, JUNE 18TH, for the various trades required in the Erection of a Warehouse on Wellington Street West for THE OFFICE SPECIALTY MFG. CO., Limited.

G. J. GIBSON, Architect,
75 Yonge St., Toronto.

NOTICE

Sealed tenders will be received by the undersigned up to JUNE 17TH, 1904, for the construction of concrete and masonry abutments at Mosside, Euphemia Township. Specifications may be had on application to Angus Smith, C.E., Stratford, or to the undersigned.

D. M. SMITH,
Township Clerk, Cairo, Ont.

Tenders for Cement Walks

The Council of the Town of Milton will receive tenders for the construction of 1050 yards of walk, 4 feet wide. Also for over 200 yards of walk 6 feet wide. Tenders to be sent to the undersigned on or before JULY 1ST, 1904.

R. COATES, Town Clerk.
Dated Milton, June 14th, 1904.

CONTRACTS OPEN.

CANNINGTON, ONT.—Woodward Bros. intend erecting a brick building.

GANANOQUE, ONT.—The Crystal Hall Co. have purchased property on which to build.

PAISLEY, ONT.—The Township Council will build a steel bridge at Stark's, cost \$1,000.

ACTO, VALE, QUE.—The Dominion Government has just taken tenders on erection of post office building here.

BURK'S FALLS, ONT.—St. Andrew's church congregation have decided to build a new brick church, cost \$3,500.

ST. THOMAS, ONT.—N. R. Darrach, architect, is taking tenders up to 20th inst. for erection of Public Library building.

CREEMORE, ONT.—On June 22nd the ratepayers will vote on a by-law to raise \$17,000 to construct a system of waterworks here.

OUTREMONT, QUE.—J. Kruse, secretary-treasurer, has just taken tenders on construction of 5,000 feet of concrete sidewalks.

GUELPH, ONT.—The Grand Trunk Railway have offered to purchase Victoria park and build thereon a new station, cost \$30,000.

AYLMER, QUE.—Farley & Rainboth, civil engineers, have prepared estimates of the cost of a sewerage system for the town.

THORNBURY, ONT.—Mayor John H. Dickenson will receive bids up to 13th inst. for 160 rods of granolithic sidewalks, 5 feet wide.

AMHERST, N.S.—The Robb-Mumford Engineering Co., of Boston, will probably establish a new boiler-making plant at this place.

DEUX RIVIERES, ONT.—Bids for purchase of \$300 debentures will be received by William Hickey, Township Clerk, up to 20th inst.

OSHAWA, ONT.—At a meeting of the Board of Education held last week the question of building a new High School was considered.

NIAGARA FALLS, ONT.—The Niagara Falls Foundry and Machine Co. have purchased property on which to erect additional buildings.

THETFORD MINES, QUE.—The ratepayers have passed a by-law authorizing the Council to borrow \$20,000 for a system of fire protection.

COLLINGWOOD, ONT.—Carney Bros., of Mainette, Wis., are considering the advisability of locating their proposed saw mill in this town.

THAMESVILLE, ONT.—By-laws will be voted on July 11 to raise \$13,700 for a waterworks system and \$6,000 for construction of granolithic sidewalks.

ATHENS, ONT.—Tenders received by H. R. Knowlton, Reeve, up to 22nd inst. for erection of town hall. Plans at office of B. Dillon, architect, Brockville.

ST. RAYMOND, QUE.—A company is being formed for the purpose of building a paper mill on the St. Anne river at this place. Montreal capitalists are interested.

CHILLIWACK, B.C.—J. B. Morgan, of Grand Falls, has asked the Chilliwack Council for a franchise to distribute electric light and power throughout the municipality.

GALT, ONT.—A by-law to raise \$10,000 for rebuilding the bridges crossing the Grand River in Townships of North Dumfries, will be submitted to the ratepayers June 24.

ELKO, B.C.—The Elk River Power and Light Co. have commenced operations here to develop the power of the Elk River and build an electric road from Elko to Michel.

NANAIMO, B.C.—The work of rebuilding the pithead and boiler house of the Western Fuel Co. will be commenced immediately.—Andrew Haslam will rebuild his saw mill at once.

RAYMOND, MAN.—The Raymond Milling Co. are having plans prepared for a 35,000 bushel elevator to be built at Margrath.—It is proposed to raise \$6,000 for local improvements.

ST. PAUL ANNEX, QUE.—The Council have instructed Dupont, Leduc & Vincent, Montreal, to prepare plans and specifications and call for tenders for waterworks supplies to cost \$40,000.

BRANTFORD, ONT.—A. E. Watts, County Clerk, is asking for tenders up to the 20th inst. for addition to the Governor's residence at the court house. Plans at office of George Hall, architect.

REGINA, N.W.T.—P. McAra desires tenders by 20th inst. for erection of Presbyterian church.—W. W. Hilton, architect, will receive tenders up to 13th inst. for erection of two-storey brick building.

WOODSTOCK, N. B.—The Woodstock Electric Railway, Light & Power Co. will let contracts immediately for water wheels, generators, etc., in connection with proposed power development.

MIDLAND, ONT.—It is proposed to construct a system of sewers for the town from plans by Willis Chipman, C.E., of Toronto. A by-law to raise the necessary funds will be placed before the ratepayers July 9th.

VANCOUVER, B. C.—Parr & Fee, architects, have prepared plans for a pressed brick building to be built on Granville street, near Georgia, cost \$15,000.—Building permits granted in this city during the month of May totalled \$266,000.

PICTON, ONT.—By-laws will be submitted to the ratepayers as follows: For waterworks extension, \$5,500; street lighting and coal shed, \$8,500; streets and sidewalks, \$25,000; new municipal building, \$25,000.

PEMBROKE, ONT.—W. L. Hunter, Chairman Waterworks Committee, desires tenders by July 2nd for construction of 10-inch water main. Plans at office of J. L. Morris, C.E.—M. Gorman, Chairman Public Works, is this week taking tenders on construction of granolithic sidewalks.

FORT FRANCES, ONT.—W. L. Bowker, superintendent of construction for A. Nood & Co., a New York engi-

ST
IMM
These Shovels have
W.
OFFICES and SH

neering firm, is making plans for the large pulp, paper mills to be built here by Power Co.—A movement to install a telephone system is pending.

OWEN SOUND, ONT.—Vickers wants tenders by 15th inst. for erection of brick residence on Street.—J. H. Holten, Vermont, was here recently to prospect for an election in this town.—Grey County tenders for construction of King's bridge.

CHATHAM, ONT.—Propose to build a new street, Jeannette's Creek.—J. H. Holten, Vermont, was here recently to prospect for an election in this town.—Grey County tenders for construction of King's bridge.

STRAITFORD, ONT.—The Windsor Hotel Co., or W. H. Crowe, at the rate of 21 cents per cubic yard of cement concrete fact for the Stratford Chair Co.

WINDSOR, ONT.—Received by A. J. Halford for construction of the in Township of Sandwich, Chester town line drain. Webster outler, cost \$1,500; O'Neil drain, \$400.—John To \$3,500 brick residence of

DAUPHIN, MAN.—Chairman Public Works requests to submit by June specifications for a town hall, containing fire hall, council cells, bedrooms, etc., floor, public hall overhead, brick, hot air furnace.

GODERICH, ONT.—Clerk has been instructed to sell \$20,000 of debentures, architect, invites tenders for erection of Alton and marine hospital.—Government are asking for tenders for construction here. Plans on application.

LONDON, ONT.—Architect, is preparing plans for N. J. Bain, of residence on Williams street, and Hym

STEAM SHOVELS

—We Offer Several Sizes of Second Hand Shovels for—

IMMEDIATE DELIVERY

These Shovels have been thoroughly overhauled, are in Perfect Repair and can be inspected at once

WRITE FOR PARTICULARS.

W. H. C. MUSSEN & CO.

OFFICES and SHOWROOM, 299 St. James St WAREHOUSES, 763-765 Craig St, Montreal, P.Q.

neering firm, is making preliminary surveys for the large pulp, paper, and flour mills to be built here by the American Power Co.—A movement is on foot to install a telephone system for the municipality.

OWEN SOUND, ONT.—Thomas Vickers wants tenders by 20th inst. for erection of brick residence on Murdoch Street.—J. H. Holten, of Boslington, Vermont, was here recently looking into the prospects for an electric railway in this town.—Grey County Council want tenders for construction of cement abutments for King's bridge.

CHATHAM, ONT. — The C. P. R. propose to build a new steel bridge over Jeannette's Creek. — J. W. Shackleton has submitted to Raleigh Township Council a report on improvements to the Miller, Face and Waddick drains; estimated cost, \$12,434.

STRATFORD, ONT.—W. P. Witton, architect, of Hamilton, is preparing plans for the new hotel to be built by the Windsor Hotel Co.—F. A. Nichols or W. H. Crowe, at the Albion hotel, will receive tenders up to 21st inst. for erection of cement concrete factory building for the Stratford Chair Co.

WINDSOR, ONT. — Tenders received by A. J. Halford up to 25th inst. for construction of the following drains in Township of Sandwich South: Colchester town line drain, cost \$1,700; Webster outlet, cost \$1,500; South Talbot, \$600; O'Neil drain, \$500; Hayes Drain, \$400.—John Todd will build a \$3,500 brick residence on Pitt Street.

DAUPHIN, MAN.—R. C. Brown, Chairman Public Works, desires architects to submit by June 30 plans and specifications for a town building, to contain fire hall, council chamber, police cells, bedrooms, etc., on the ground floor, public hall overhead to seat 600 people; brick, hot air furnace heating.

GODERICH, ONT. — The Town Clerk has been instructed to offer for sale \$20,000 of debentures.—J. A. Fowler, architect, invites tenders up to 23rd inst. for erection of Alexandria general and marine hospital.—The Dominion Government are asking for tenders up to July 4th for construction of breakwater here. Plans on application to the postmaster.

LONDON, ONT.—H. C. McBride, architect, is preparing plans for a residence for N. J. Bain, of Woodstock, also for residences on William street, Colborne street, and Hyman street in this

Portland Cements

Highest Grade

Canadian, 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

STEEL MOULDS

Latest Improved Making 4" to 36"

CONCRETE TILE

All kinds of ROAD MAKING MACHINERY and CONTRACTORS' SUPPLIES.

SAWYER & MASSEY CO., Limited
Hamilton, Canada.



Moulds and the Tile they make.

Portland Cement...

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

Sewer Pipes, Best English Cements, Best Belgian Cements

Culvert Pipes, &c. W. McNALLY & CO., Montreal

Contractors

We have a most complete stock of

WIRE ROPE

For Derricks, Guys, Elevators and Transmission.

We cut to any Length.

Full line of Blocks, Clips, Thimbles, Etc.

Send for Circular R.

F. H. HOPKINS & CO., 286 St. James St., Montreal

city, for alterations to residence for J. M. Young, Talbot street, and for a block of stores on Ridout street.—The Chicago Metallic Sash Co. are considering the question of establishing a Canadian branch in this city.

ST. JOHN, N. B.—The City Council have appointed a committee to call for tenders for furnishing one chemical double sixty and one combination engine.—A committee of the City Council have reported on the installation of a telephone system. The cost is placed at \$175,000 for 1000 subscribers.—New tenders are invited by H. H. Mott, architect, up to 20th inst., for erection of office building for the Canadian Bank of Commerce. Plans by Darling & Pearson, Toronto.

CALGARY, N.W.T.—W. R. Hull will build a fine residence.—George M. Lang, architect, has prepared plans for a warehouse for S. P. Nicholson, two stories, 25 x 120 feet, cold storage rooms in basement, cost \$14,000.—The Calgary Brewing Co. will erect a building, 140 x 60 feet, to contain the bottling machinery.—It is proposed to build two new fire halls and purchase a new fire engine and hose wagon.—Eastern capitalists have been in the city recently looking into the possibilities of a street railway for this city.

BRANDON, MAN.—The Fair directors will rebuild the main building at the Exhibition grounds, at a cost of \$15,000.—Plans are being prepared for an addition to the hospital, also for a residence for F. Calvert and a brick veneered residence for R. A. Clement.—The Western Arts and Agricultural Association are asking for plans for a new exhibition building.—By-laws providing \$132,000 for construction of a waterworks system and new schools were carried on the 9th inst.

HAMILTON, ONT.—The trustees of the Unitarian church have purchased 40 feet on the north side of Main street on which to build a new edifice.—The Hamilton Bridge Works Co. have been granted a permit for a steel and concrete addition to building, cost \$20,000.—The Canadian Westinghouse Co. are having plans prepared for office buildings to cost \$25,000.—The Diamond Glass Co., of Montreal and Toronto, have decided to re-open their factory in this city. About \$30,000 will be spent on improvements.—The Hilda Cigar Factory is to be enlarged.—Mr. Turner, of the Gurney Scale Co., has purchased 50 feet on Wellington street for building purposes.

OTTAWA, ONT.—F. Gelinas, Secretary Department of Public Works, will receive tenders up to July 2nd for construction of pier at Barachois de Malbaie, Gaspé County, Que. Plans at office of C. Desjardins, Clerk of Works, Montreal, and P. Beland, Clerk of Works, Quebec. W. H. McAuliffe will erect a two-story brick factory building at corner of Queen and Bridge streets, which will be occupied by the Laurentine Mica Co.—The Crown Lithographing & Engraving Co., capital \$100,000, is being formed to carry on business in this city. A new building

will likely be erected.—The Mortimer Printing Co. have purchased the Hotel Cecil property on Wellington street and will erect a printing establishment thereon, cost about \$50,000.

MONTREAL, QUE.—The Fifth Royal Scots are considering the purchase and improvement of the M. A. A. Club house on Mansfield street.—Building permits have been granted as follows: Brunet & Brunet, two-story wood and brick dwelling, Hotel de Ville St., cost \$2,800; Wilfred Proulx, three-story wood and brick dwellings, Rivard St., cost \$9,000; J. Rivet, three-story wood and brick dwelling, St. Hypolite St., cost \$2,000; G. M. Gravel, pair two-story wood and brick dwellings, St. Dominique St., cost \$4,000; P. L. Deslauriers, pair three-story brick and stone dwellings, St. Denis St., cost \$10,000; Mrs. J. R. Adams, three-story brick and stone dwelling, Durocher St., cost \$10,000; Jos. St. Jear, three-story wood and brick dwelling, Marie Ann St., cost \$3,000; Camille Verdun, two-story wood and brick dwelling, Lalonde Ave., cost \$2,000; Antoinette Boudon, two-story wood and brick dwelling, Seigneurs St., cost \$3,400.

WINNIPEG, MAN.—V. W. Horwood, architect, has just taken tenders on a brick residence for Dr. B. J. Curry.—A. & W. Melville, architects, have been commissioned by McLaren Bros. to prepare plans for extensive alterations and additions to the Assiniboine block.—S. F. & W. A. Peters, architects, are this week taking tenders on erection of warehouses for the Massey-Harris Co.—Tenders are asked by J. H. G. Russell, architect, up to 17th inst., for erection of brick and stone residence on Rosvyn road for M. Bull.—Plans are being prepared for an extension of 40 to 45 rooms to the Leland hotel occupied by White & Manahan.—The Board of Trade have adopted a resolution recommending the City Council to purchase additional fire apparatus, at a cost of \$23,000.—The city is about to undertake the following works: Asphalt pavement, Jarvis avenue, from Main street to Saitter, cost \$21,200; Princess street, from Pacific to Higgins avenue, cost \$13,763; Langside street, from Ellice avenue to Notre Dame avenue, cost \$21,160; Redwood avenue, from Main to Aikins street, cost \$7,760; sewer on Agnes street, cost \$3,270; College avenue, \$4,385; Toronto street, cost \$4,690; Mountain avenue, cost \$4,340; Barber street, cost \$1,965; Aikins street, cost \$1,735.—New tenders are invited by C. J. Brown, City Clerk, up to 20th inst. for erection of a fire station on Maple street. Plans at office of A. & W. Melville, architects.

TORONTO, ONT.—C. J. Gibson, architect, desires tenders by 18th inst. for erection of warehouse on Wellington street west for the Office Specialty Manufacturing Co.—J. F. Brown, architect, is taking tenders on masonry work of residence on Walmer road.—The Board of Control are asking for tenders up to 16th inst. for erection of a new art gallery on

the Toronto Exhibition Grounds. Plans at office of G. W. Gouinlock, architect.—Major H. A. Gray, who is to report to the Dominion Government upon the best method of protecting the island shores, will recommend that the breakwater be extended.—The Massey-Harris Co. have taken an option on the purchase of the block of land between Queen and Wellington streets and Strachan ave. and the lane west of Stafford street, and if acquired will build a large warehouse.—Tenders are invited by the Board of Control up to 21st inst. for supply of 36-inch, 20-inch and 16-inch cast iron special castings, also for construction of asphalt pavement on Bernard ave., from Kendall ave. to Dupont street; Cottingham street, from Rathnally ave. to Poplar Plains road; Macpherson ave. and Rathnally ave., east to Poplar Plains road; Shannon street, from Ossington ave. to Dovercourt road; Seaforth ave. from Brock ave. to 207 feet west; St. Patrick's street, from Beverley street to Spadina ave.; brick pavement on Dorset street, from King to Wellington; also tar macadam and macadam pavements, concrete sidewalks and tile pipe sewers.—Building permits have been granted as follows: C. Johnston, alterations to dwelling, 161 Park road, cost \$1,500; H. E. Jarman, two-story attic brick and stone dwelling, east side Lansdowne ave., cost \$2,000; A. E. Booth, pair two-story stone and brick dwellings, Davenport road, cost \$2,000; Geo. Rae, alterations to tailoring store, 347 Yonge street, cost \$2,000; H. F. Squires, two pairs two-story and attic bk. and stone dwellings, Euclid ave., near Harbor, cost \$11,000; A. Stewart, two-story stone and brick dwelling, 204 Crawford street, cost \$3,000; Edward Parker, two-story brick and cement dwelling, west side Bartlett ave., near Shanley, cost \$1,400; Chas. Caldwell, two-story brick addition to warehouse, 102 Front street east, cost \$1,100; Wm. Davies Co., alterations to store and dwelling, brick, north-west corner King and Sackville streets, cost \$2,000; North American Land Company, three pairs 2½ story brick and stone dwellings, Euclid ave., near Herrick, cost \$12,000; H. M. Death, one pair 2½ story brick and stone dwellings, 30 and 32 Concord ave., cost \$5,000; James Cowan, pair two-story and attic brick and stone dwellings, Howland ave., near College, cost \$5,600; Thomas Adair, pair two-story roughcast dwellings, Robinson street, cost \$1,700; Richard Almond, two-story brick and stone dwelling, 634 Palmerston ave., cost \$2,400; W. G. Gooderham, two story brick stable, corner Sherbourne street and Elm ave., cost \$11,000; King Bros., pair two story dwellings, west side Brock ave., near College, cost \$10,000.

The Calgary Construction Co., Calgary, N. W. T., has been incorporated.

The good will and stock of the James Cooper Estate, of Montreal, has been purchased by F. H. Hopkins & Company, by whom the business will be continued.

PORTLAND CEMENT, HYDRAULIC LIME, CHINA CLAY E. FREEMAN, 20 Bucklersbury, LONDON, ENG.



Sole Agent for U.K. and Colonies for Oldest Continental Works



Supplying to Contracts on the Principal Railways, Large Sewage and Sea Defence Works, etc., in England. Will be Pleased to Quote to the Wholesale Trade Only.

CORRESPONDENCE INVITED FOR CONTROL OF BRANDS

CONT
OMEME
Thomas Rut
or.

GESTO, (Robert Ha \$4,052.

SHALL
granolithic w
tractors.

CORNWA
rectory: Jan
contractor.

FORT W
rick's R. C. c
contractors.

PORT CC
east breakwa
ful tenderer.

PEMBRO
sidewalks: 7
ful tenderers.

ALMONT
street schoo
lowest tender

ST. JOH
city: Single
successful ter

COBOUR
the asylum s
contractors.

REGINA,
Union Bank
Mollard, con

PLYMPT
Lake road:
nings & Co.,

THE GREY
CI
of S

"HERCUL

Very finely
walks, floors
Highest Grade
address.

A. i



CONTRACTS AWARDED.

OMEMEE, ONT. — New school : Thomas Rutherford, Reaboro, contractor.

GESTO, ONT. — Township drains : Robert Hart, successful tenderer, \$4,052.

SHALLOW LAKE, ONT. — Laying granolithic walks : Frost & Nichol, contractors.

CORNWALL, ONT. — Trinity church rectory : James C. Johnstone, this town, contractor.

FORT WILLIAM, ONT. — St. Patrick's R. C. church : Rochon & LeBrun, contractors.

PORT COLBORNE, ONT. — New east breakwater : M. J. Hogan, successful tenderer.

PEMBROKE, ONT. — Granolithic sidewalks : Markus & Pankie, successful tenderers.

ALMONTE, ONT. — Heating Church street school : Torrence & Kaufman, lowest tenderers.

ST. JOHN, N. B. — Water pipe for city : Singleton, Dunn & Co., Glasgow, successful tenderers.

COBOURG, ONT. — Residence for the asylum superintendent : Oke & Oke, contractors, \$5,700.

REGINA, N. W. T. — Building for Union Bank of Canada : Willoughby & Mollard, contractors.

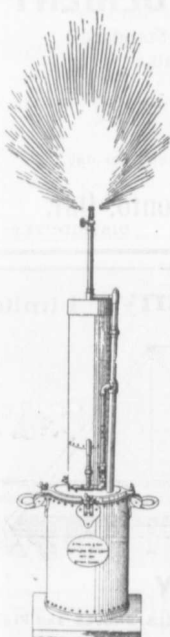
PLYMPTON, ONT. — Bridge on Lake road : Concrete abutments, Jennings & Co., Forest, \$900.

THE GREY AND BRUCE PORTLAND CEMENT COMPANY
of Shallow Lake, Limited

Manufacturers of BRAND OF "HERCULES" PORTLAND CEMENT

Very finely ground. Unsurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices and addresses.

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



THE BEST LIGHT
For Contractors, Railways, Mines, Steamboat Lines, Etc.

is the **HOLLAND PORTABLE LIGHT**

Cheaper to operate and cheaper to buy than any other gives 300 candle-power of light and costs less than 3 cents an hour to operate. Suitable for any cut-of-door work in any weather. Delivered at any railroad station in Canada for \$42.00.

HOLLAND PORTABLE LIGHT WORKS
17-19 Bushy Lane, Montreal, P. Q.
Phone Main 2399.
P. O. Box No. 229

NIAGARA FALLS, ONT. — Ferry street rink : John Leverington, contractor ; cost about \$4,000.

COLCHESTER SOUTH, ONT. — Dolson Creek drainage work : Yens Oleson, successful tenderer. \$9,700.

MONCTON, N. B. — Chemical fire engine : Seagreave Co., of Walkerville, Ont., successful tenderers, \$2,400.

STAYNER, ONT. — Heating and ventilating public school : James Smart Co., Brockville, successful tenderers.

CONESTOGO, ONT. — Cement flooring for Grand river bridge : Forest City Paving Co., London, successful tenderers, \$1,450.

COLLINGWOOD, ONT. — Wing to general hospital : Architect, P. Pain ; stone work, W. Simpson ; brick work, W. Tourgis.

PARIS, ONT. — New Y. M. C. A. building : Masonry, John Carnie ; carpentry, James McKay ; plastering, William Fraser.

ST. THOMAS, ONT. — Remodelling Separate School building : Architect, N. R. Darrach ; masonry, A. Horton ; steam heating, Hamilton & Stott ; painting, Lossing & Sons.

PORT ELGIN, ONT. — Bridge over Snake Creek for Saugeen Township Council : Abutments, David Keyes, \$1,300 ; steel work, Hamilton Bridge Co., \$1,350.

TORONTO, ONT. — The lighting fixtures in the reconstructed Bank of British North America, this city, were installed by the James Morrison Brass Manufacturing Co.

WALKERVILLE, ONT. — Construction of municipal works : Pavements, M. Conn, Windsor ; sewers, George W. Sewell,

Windsor ; granolithic walks, Cadwell Silx Stone Co., Windsor.

OWEN SOUND, ONT. — The County Council have let contracts as follows : C Her bridge, James A. Vance, \$1,375 ; King's bridge, Mitchell Bridge Co., \$1,568, construction of Sixth Concession drain, Longeway & McArtie, \$6,725.

OSHAWA, ONT. — Waterworks and sewerage systems : Sewers, J. H. McKnight, Toronto, \$42,251 ; pump and engine house, W. J. Trick, Oshawa, \$6,985 ; water tower, boilers, pumping machinery, pipes, special castings, hydrants, valves, cranes, etc., Canada Foundry Co., Toronto, \$52,208. Willis Chipman, Toronto, is chief engineer.

MONTREAL, QUE. — R. H. Buchanan & Co., 602 Craig street, have received the contract for equipping the Cornwall Paper Co.'s new mill at Mill Roches, Ont., with water supply and fire protection, also the 75-foot tower and 40,000 gallon tank for R. Mitchell & Co.'s new factory at St. Cuneonde.

VANCOUVER, B. C. — The sub-contract for spur line of the Vancouver, Victoria and Esquimalt railroad from Grand Forks to the Granby smelter has been let to Andrews & McDowell. Morton Welch has a sub-contract for one mile of the Phoenix branch, Henry Bole for 6,000 feet, and Burns & Jordan for

The Best Sand to withstand Fire is the Sand that is all Sand, namely, **Water Washed Sand.** It is the Best. It is the Cheapest.

SAND & DREDGING, Limited
Tel. M. 4597 John Street Dock, TORONTO

THE BITULITHIC PAVEMENT IS THE TWENTIETH CENTURY PAVEMENT FOR CITIES

It has been laid in London, Chatham, Montreal and Glace Bay and contracts have been awarded to us for 16,000 sq. yds. in Walkerville, Ont., also for the Driveways around the Dominion Parliament Buildings in Ottawa. Write for particulars and estimates to

The Warren Bituminous Paving Co., Limited
Head Office: 164 Bay Street, TORONTO.

GENERAL PUMPING CONTRACTORS For All kinds of Waterworks
—AGENTS FOR—

BLAKE STEAM PUMPS

Boiler Feeding, Tanks, Underwriters, etc.
Also Stovers, Gas and Gasoline Engines.

RIDER ERICSSON HOT AIR PUMPS

For Schools, Convents, Hotels, Club Houses, Farms, Country Residences, etc. Water Tanks of all Sizes.
Towers from 20 to 100 feet high, erected with Tanks complete.

R. H. BUCHANAN & CO.
692 CRAIG ST., MONTREAL

Concrete Mixers and Concrete Mixing Machinery

Send for Catalogues.

E. F. Dartnell, Agent, Montreal

GLAY



, etc.. In

the terminal grounds at Granb. and the last five miles of the road. Supplies will be purchased in Canada as far as possible.

OTTAWA, ONT.—Addition to police station: Masonry, Toms & Bruthillier, \$4,226; carpentry, Christie & McCreadie, \$3,660; plumbing and heating, Thompson & Livock, \$1,555; electric wiring, etc., P. E. Marchand & Co., \$161, plastering, J. A. Campbell, \$897; concrete flooring, John Foley, \$616; roofing, McFarlane & Douglas, \$454; painting, John Strang & Son, \$750.

WINNIPEG, MAN.—C. P. R. freight sheds and offices: Manitoba Construction Co., successful tenderers; cost about \$200,000.—Supply of lumber for the city: D. E. Sprague, successful tenderer.—Contracts for building new school in the north end have been let as follows: Mason, brick and plastering, Robert Watson, \$22,478; carpentering and joinery, John McLeod, \$13,885; tin and galvanized iron, J. L. Wells, \$2,533; painting and glazing, Jas. A. Payne, \$2,175; plumbing, Cotter Bros., \$755; electric wiring and fixtures, H. Ross, \$285; heating, ventilation and closets, T. F. Rutley, \$2,563.—Addition to the Commercial Club building: Smith & Sharpe, contractors.

BUSINESS NOTES.

The Home Builders, Limited, Winnipeg, have been incorporated.

Carruthers & Cousins, painters, Chilliwack, B.C., have dissolved.

Thomas Young, brickmaker, Carman, Man., has been succeeded by T. Allen.

Taylor & Davis have succeeded G.R.C. Taylor, brick manufacturer, Cranbrook, B.C.

The Sudbury Brick Co., Limited, has been organized at Sudbury, Ont., to manufacture brick.

The assets of Joseph Lambert & Fils, contractors, Montreal, are announced to be sold on the 16th inst.

The Dominion Steam Heating Co., Winnipeg, will in future be known as the John Plaxton Co., Limited, and the capital will be \$30,000.

Joseph Paquette and Charles Gauthier have registered as proprietors of the business of Paquette & Gauthier, plumbers and roofers, Montreal.

Simon Peters, contractor and planing mill owner, Quebec, Que., has made an offer to his creditors of twenty-five cents on the dollar, which will probably be accepted. His liabilities are in the neighborhood of \$90,000.

Speight & Van Nostrand

LAND SURVEYORS, ETC.

Room 405 Temple Building, TORONTO, CAN.
Field Notes of the late F. F. Passmore.

THE ONTARIO ASPHALT BLOCK CO., L'T'D.

MANUFACTURERS OF

ASPHALT BLOCK PAVING)

Information and samples furnished municipalities on application.

Main Office: WINDSOR, ONT.

Works: WALKERVILLE, ONT.

McGREGOR & McINTYRE, LIMITED

67 to 91 Pearl Street, Toronto, Ont.

STRUCTURAL IRON WORKS

Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc Etc.

WRITE FOR ESTIMATES.

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, ONT

THE Canadian Casualty and Boiler Insurance Co.

Head Office: N.E. Cor. Adelaide and Victoria Streets, TORONTO.

The Steam Boilers of Civic and Municipal Steam Plants, and Corporation and Public Works, Power and Electric Light Plants regularly inspected.

A STEAM BOILER POLICY

in the Canadian Casualty and Boiler Insurance Company, includes the services of Consulting Engineers free of cost. Write for book to Steam Users.

ALEXANDER SUTHERLAND, D.D., President.
H. N. BATE W. S. DINNICK, Vice-Presidents

A. G. C. DINNICK, Managing Director
A. M. WICKENS, Chief Engineer



VULCANITE PORTLAND CEMENT

The Recognized Standard for Sidewalks

A strictly High-Grade Portland Cement. Pronounced by prominent contractors to be the most Uniform Portland Cement on the market.

One Quality Only. Capacity 5,000 bbls. per day.

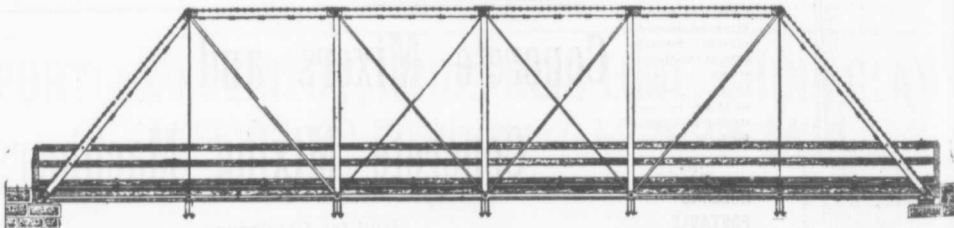
TORONTO POTTERY CO., Toronto, Ont.

Long Distance Phone North 1787.

DISTRIBUTERS

The Hamilton Bridge Works Company, Limited

HAMILTON, CANADA



HIGHWAY BRIDGES A SPECIALTY

GENERAL STEEL CONTRACTORS

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

Established
The Hanover Portland
Hanover, C
Manufacturers of t
"SAUGEN" Brand of PO
Prices on ap

Paving C

Granite Sets for Street Pav
to any shape ordered.—
Building and Stonem
Quarries, St. Philippe d

Address all comm

JOS. BRUNET - CO

TUNNEL CITY B

Steel Bridges and S
Works: Port Huron, M

HIGHWAY

Roofs, Steel Building
Iron Work of all

ARTIFICIAL STON

SIDEWALKS A
CORPORATIONS Will do
and price
The Silica Baritic
of Ontario,

WALTER MILLS
General Manager.

Road Machinery
Fire Appliances
Contractor's
Stone Crushers
Steam Road
Road Graders
Steam and Gasolli
Etc.

T. A. MORRI
9 Mechanics' Bldg.

M. BEATTY WELLANE

Dredges, Ditcher
Steam

of various styles
any w

Submarine Rock
Hoisting Engines, Sur
Horse-Power Hoister
Centrifugal Pumps
Gold Mining, and
Plant.



Stackpole
Patent Improved S
Because no sweeper sc
It Sweeps Clean. No
cision. It Wears Well.
less gearing than any of
reasonable care it does!

Established 1898.
The Hanover Portland Cement Co., Ltd
 Hanover, Ontario.
 Manufacturers of the Celebrated
"SAUGEEN" Brand of PORTLAND CEMENT
 Prices on application.

Paving Granite

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

Address all communications to

JOS. BRUNET - COTE DES NEIGES, MONTREAL

TUNNEL CITY BRIDGE & IRON WORKS

Steel Bridges and Structural Work.
Works: Port Huron, Mich., and Sarnia, Ont.

HIGHWAY BRIDGES

Roofs, Steel Buildings and Structural Iron Work of all Descriptions.

ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY

CORPORATIONS Will do well to consider our work and prices before letting contract
The Silica Barytic Stone Company of Ontario, Limited.

WALTER MILLS General Manager. Head Office: **INGERSOLL, ONT.**

Road Machinery
 Fire Appliances
 Contractor's Plant
 Stone Crushers, all sizes
 Steam Road Rollers
 Road Graders
 Steam and Gasoline Fire Engines, Etc.

T. A. MORRISON & CO.

9 Mechanics' Bldg. MONTREAL

M. BEATTY & SONS
WELLAND, ONT.

Dredges, Ditchers, Derricks and Steam Shovels

of various styles and sizes to suit any work.

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

PORTLAND CEMENT

SAMSON BRAND MAGNET BRAND

MANUFACTURED BY

THE OWEN SOUND PORTLAND CEMENT COMPANY, Limited, Owen Sound, Ont.
 Works at **SHALLOW LAKE, ONT.** Write us for prices

THE CANADIAN PORTLAND CEMENT COMPANY, LIMITED

Manufacture **"RATHBUN'S STAR"** Brand

The Leading Canadian Portland Cement.

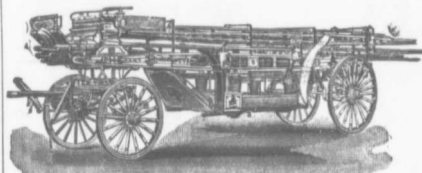
Capacity of Works: 500,000 Barrels Per Year.

SALES AGENTS

THE RATHBUN CO. St. Lawrence Portland Cement Co.
 20-312 Front Street West, TORONTO, ONT. 202-203 Board of Trade Building, MONTREAL.

LIGHTNESS, STRENGTH AND ECONOMY

Seagrave Patent Trussed Ladders, Trussed Aerial, City Service and Village Hook and Ladder Trucks, Combination Hook and Ladder Trucks and Chemical Engines, Trussed Trucks and Hand Pumps, Combination Hose Wagons and Chemical Engine Wagons, Hose Wagons, Combination Hook and Ladder Trucks and Hose Wagons, Chemical Engines, Fire Extinguishers, Hose Reels, Patrol Wagons, Ambulances, Specialty Wagons, Patent Sleigh Runners, and other Modern Fire Fighting Tools.

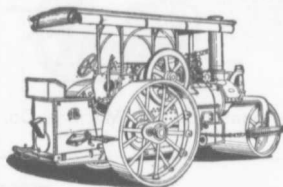


Prompt attention given all inquiries. All goods built to order.

Long Distance Phones 686 and 684 **W. E. SEAGRAVE, WALKERVILLE ONT.**

"WATEROUS"

ROAD MACHINERY AND FIRE APPARATUS



FIRE ENGINES in five sizes, with a full line of fire-fighting goods

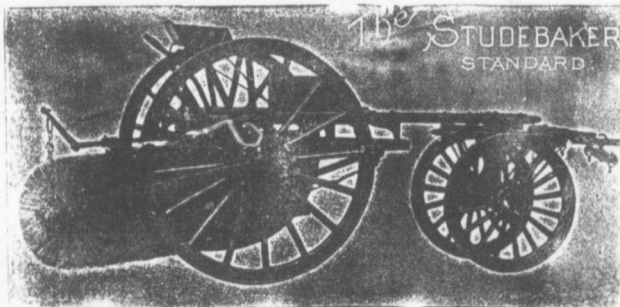
We Rebuild other makes of Fire Engines with our patent Boiler.

BRANTFORD PITTS DOUBLE ENGINE STEAM ROAD ROLLER

IN THREE SIZES—10, 12 and 15 ton.

CORRESPONDENCE SOLICITED.

HUGH CAMERON & CO., Selling Agents, 72 Queen St. West, Manning Chambers, TORONTO



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.

We also make an . . .

IMPROVED VERTICAL SPRAY

for Pavements.

Geo. Heaman, Mnfr., London, Ont.

Street Sweeping Machine Is the Standard of Perfection

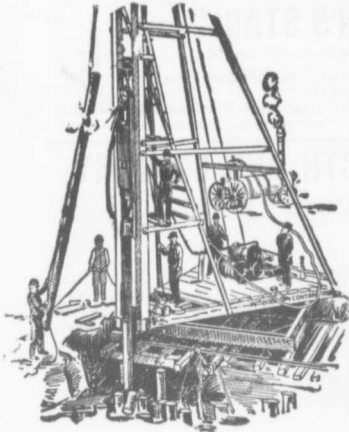
Stackpole Patent Improved Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue

The Canadian Bridge Co., Limited

WALKERVILLE, ONT.

MANUFACTURERS OF **RAILWAY AND HIGHWAY BRIDGES**

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



PILE DRIVING

on land or water by Steam Pile Drivers or Drop Hammers.

Portable Boilers
Hoisting Engines
Pumping Machinery

TO LET

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

WM. HOOD & SON
10 Richmond Sq. - MONTREAL

THE DELANO-OSBORN ENGINEERING CO., LIMITED

MANNING CHAMBERS TORONTO

CONSULTING, CIVIL, MECHANICAL AND
ELECTRICAL ENGINEERS.

When Re-Babbitting your
Machinery order

MANGANESE ANTI-FRICTION METAL

Every pound guaranteed

Syracuse Smelting Works, Montreal.

Notice to Contractors.

The Niagara Falls Machine &
Foundry Co., Limited,

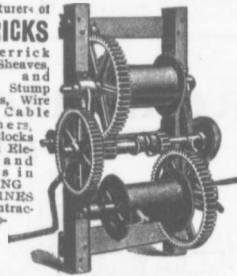
Niagara Falls, Ont.,

are making a speciality of improved

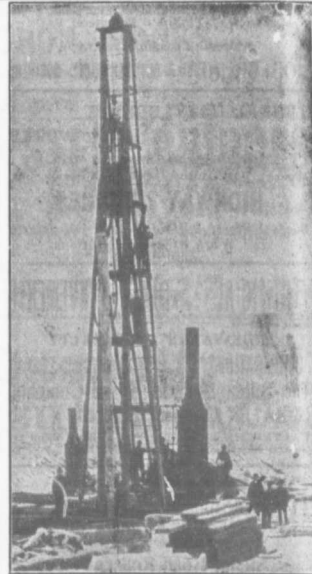
HOISTING AND BUILDING ENGINES.

Write for Prices.

Manufacturers of
LERRICKS
and Derrick
Irons, Sheaves,
Hooks and
Chains, Stump
Pullers, Wire
and Cable
Stretchers,
Tackle Blocks
Material Elevators, and
Dealers in
**HOISTING
ENGINES**
and Contractors'
Supplies.



National Hoist & Machine Co.
453 West 22nd Street, Chicago



PILE DRIVING

and Foundation Work.

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

BUILDING MOVER AND WRECKER

General Contracting.

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

Pumps for Waterworks

Waterworks Systems
Installed

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

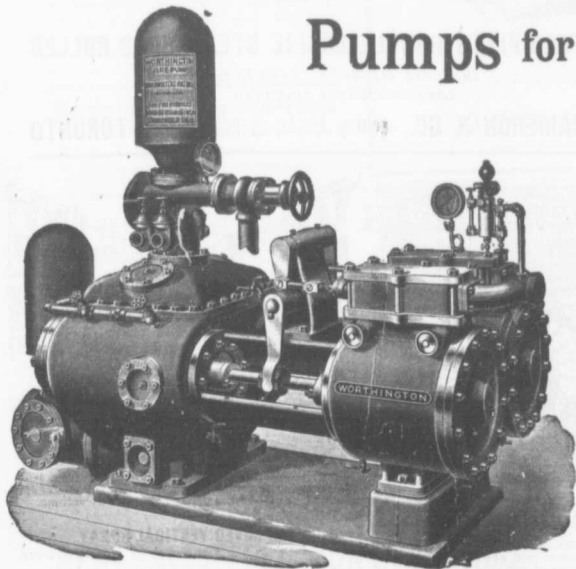
**Steam Boilers and
Filters**

Write for Prices and Particulars

The John McDougall

GALEDONIAN IRON WORKS CO., LIMITED

MONTREAL, P.Q.



DEBENTURES

Municipalities cont.
Debentures will find
to communicate with

G. A. STIMM

Investment

24 and 26 King St. W.

RAILS For Cont.

ders,
New and

LOCOMOTIVES

John J.

Opposite Queen's Hotel

CEMENT

DR. J. T.

Official Analyst to the

Establi

Physical and Chemi

CEMENTS and RAW

returns and lowest

curate work.

112 St. Francois Xavier

Survey

an

Draw

Instru

Best Eng

Manuf

A. G. S.

Manch

Surveyo

Enginee

Write Us

and Price

The

C. H. M.

PUBLIS

of Toron

AGENTS

Confederation

Imperial

The

NEW YORK

25 BROAD

N.Y.

DEBENTURES

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

G. A. STIMSON & CO.

Investment Dealers
24 and 26 King St. W. - TORONTO

RAILS For Contractors, Switches, Girders, &c. New and Second Hand LOGOMOTIVES CARS

John J. Gartshore

83 Front St. West,
Opposite Queen's Hotel. - TORONTO

CEMENT TESTING

Dr. J. T. Donald

Official Analyst to the Dominion Government
Established 1880.

Physical and Chemical Tests on all kinds of CEMENTS and RAW MATERIALS. Prompt returns and lowest rates consistent with accurate work.

112 St. Francois Xavier Street, Montreal, Canada.

Surveying and Drawing Instruments

Best English Quality

Manufactured by

A. G. Thornton

Manchester, Eng.

Surveyors' and
Engineers' Supplies

Write Us For Catalogue
and Prices

The
**C. H. MORTIMER
PUBLISHING CO.**
of Toronto, Limited

AGENTS FOR CANADA
Confederation Life Bldg., TORONTO
Imperial Building, MONTREAL

THE PHOENIX BRIDGE & IRON WORKS, LIMITED MONTREAL GENERAL STEEL CONTRACTORS

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

THE LAKEFIELD PORTLAND CEMENT CO., LIMITED

Manufacturers and Sales Agents of

MONARCH BRAND PORTLAND CEMENT

One grade only—Straight Portland. Unexcelled for Strength, Color and Uniformity.

The Recognized Standard Canadian Brand

Used by the Dominion Government, large Corporations and leading Contractors throughout Canada
Phone, wire or write for prices to

THE LAKEFIELD PORTLAND CEMENT CO. Limited, - Lakefield, Ont.
Long distance phone No. 29.



The Highest Grade of American
Portland Cement is "Iron Clad"

It is the most finely ground (97 per cent. passing No. 100 sieve) and most uniform, having a Ten Years' Record. Used on some of the most important work in Canada and U. S. A.

Prices on application to all dealers, or to

The Glens Falls Portland Cement Co.,

224 Board of Trade, MONTREAL, P. Q.

W. A. COOK, Agent

PORTLAND CEMENT

T. M. Morgan

Manufactures the

CRESCENT AND DIAMOND BRANDS

AS GOOD AS THE BEST FOR ANY PURPOSE

Office and Works : Longue Point, MONTREAL, QUE.
Long Distance Phone R. 436 Ring 2.



"Lehigh" Portland Cement

Capacity 11,000 Barrels every Day in the Year.

For Sidewalks and all other work requiring the highest quality Portland Cement Used by the U.S. Government and the largest contractors and users of Portland Cements in the United States.

Absolutely the most popular Cement in Canada on account of its merits.

For Prices, etc., address

THORN CEMENT CO. - Buffalo, N. Y.

The Logomotive and Machine Company OF MONTREAL, LIMITED

NEW YORK OFFICE:
25 BROAD STREET
N.Y.

Structural Steel

FOR ALL PURPOSES

WORKS:
LONG POINT
MONTREAL

Principal Office: Imperial Bank Building, MONTREAL

THE CANADIAN INSPECTION COMPANY, LIMITED

Main Office and Laboratories:
 146 St. James Street, MONTREAL
 SPECIALTIES: Inspection of RAILS and all material for BRIDGES, BUILDINGS, and other structures, cast iron pipe, wood and steel railroad cars.
 MANUFACTURE AND ERECTION.
 Expert examination and reports, chemical analyses and physical tests of all kinds. Cement Testing.

**FIREMEN'S LADDERS
 —AND—
 LADDER TRUCKS**

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.

THE WAGGONER LADDER CO., Limited
 LONDON - - - ONT.

PORTLAND CEMENT

SEWER PIPES

FIRE BRICKS

FIRE CLAY

ALEX. BREMNER

50 Bleury Street, MONTREAL



You Are Offended

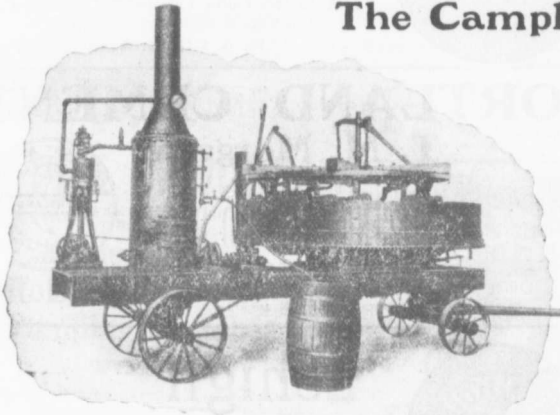
If your friend won't go on your Bond. Be independent. Write to

The United States Fidelity & Guaranty Co

They make a specialty of Contract and Municipal Officers' Bonds.

KIRKPATRICK & KENNARD, Mgrs. for Canada.
 6 COLBORNE STREET, - - - TORONTO, ONT.

The Campbell Concrete Mixer



1/2 YARD SIZE MOUNTED ON TRUCKS.

For Mixing Concrete, Cement, Mortar, Plaster and any similar material. The only machine in which material is always in plain sight; that mixes a batch in less than two minutes; that makes a perfect mixture, no matter what class of work is being done.

Good Roads Machinery Co.
 HAMILTON, ONT.

THE STANDARD Where Cement **IN ALL COUNTRIES** Is Known.

"THE ABSOLUTELY SAFE CEMENT"
 48 BROADWAY, NEW YORK

Yearly Capacity Over **ALSEN** Two Million Barrels

WILL

H. C. M. Can. S.

WATERWORKS

Reports, 8 103 B

R. E.

CONSULTING

Waterworks Municipals Granolith Electric Drainage Coal Ha Plans, S Construct

Canada L

WM. H.

M. Am.

CONSULTING

Found

JAMES

Civil

Examination Supervisory Powers.

P. O. Box 877 Dorc

ROBERT

CONSULTING

St

Water Plants, Estima

80 ST. FR

E. VOIGT

Indu Light Sewer Garb Mun

507 Mannu

J. J.

B.A.

E.

ELECTRICAL

16 K

ROD

A.M. C

CONSULTING

Electr Steam Pow Esti

52-53 J

Long Dis Cable

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., 1898.
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.
Canada Life Building - TORONTO

WM. H. BREITHAUP, C.E.

M. AM. SOC. C.E., M. CAN. SOC. C.E.
CONSULTING STRUCTURAL ENGINEER

Foundations, Bridges, Buildings.
BERLIN, ONT.

JAMES C. KENNEDY,

MEM. CAN. SOC. C. E.
Civil and Hydraulic Engineer
Examinations, Reports, Plans, Estimates,
Supervision of Construction of Water
Powers, Waterworks, Sewerage, etc.
P. O. Box 131, HAWKESBURY, ONT., and
877 Dorchester Street, MONTREAL, QUE.

ROSS & HOLGATE

**Consulting and
Supervising Engineers**

Water Powers, Electric Light and Power
Plants, Structural Work, Reports,
Estimates, Arbitrations.
80 ST. FRANCOIS XAVIER ST. - MONTREAL

E. VON DER OSTEN & CO.,

Consulting Engineers
Industrial Plants, Waterworks,
Lighting and Power Plants
Sewerage and Sewage Disposal
Garbage Reduction Plants
Municipal Improvements
73 Queen Street West,
507 Manning Chambers, TORONTO, ONT.

Cable: Ackcoll

J. J. COLLINS

B.A.S., C.E., M.E., E.E.
Ottawa, Ont., Canada

EDWARD B. MERRILL
**ELECTRICAL & MECHANICAL
ENGINEER**
16 KING ST. W. TORONTO

RODERICK J. PARKE

A.M. Can. Soc. C.E. A.M. Amer. Inst. E.E.
CONSULTING ELECTRICAL ENGINEER.
Electrical Light and Power.
Steam Plants, Gas Power Plants, Water
Power Plants.
Estimates, Tests, Reports, Valuations.
52-53 James Building - TORONTO, CAN.
Long Distance Telephones-Office and Residence
Cable Address "Rodparke" (W. U. Code.)

John H. Jackson

CIVIL ENGINEER
WATER POWER, ELECTRIC RAIL-
WAYS, STRUCTURAL STEEL.
Niagara Falls, Canada
Associated with Charles H. Mitchell,
C. E., Hydraulic Engineer.

CHARLES BRANDEIS

A. M. Can. Soc. C. E., A. M. Amer. Inst. E.E.
Mem. Amer. Electro-Chemical Soc., Etc.
CONSULTING ENGINEER
Estimates, Plans and Supervision of Hydraulic
and Steam-Electric Light, Power and Railroad
Plants, Specifications, Reports, Switchboard
Designs, Complete Factory Installations, Elec-
tric Equipment of Mines and Electro-Chemical
Plants.
Long Distance Telephone Main 32-6.
Cable Address: Brandeis-Montreal.
W. U. Code, Univ. Edition.
Liverpool & London MONTREAL
& Globe Building.

"IMPERIAL BRAND" PORTLAND CEMENT

You will surely admit that the best is none too good, and if you are
requiring Cement give "IMPERIAL BRAND" a trial. We guarantee
our product and can ship a quantity at once. Write for prices, etc., to

The Imperial Cement Company, Limited
OWEN SOUND, ONT.

THE CANADIAN SEWER PIPE CO.

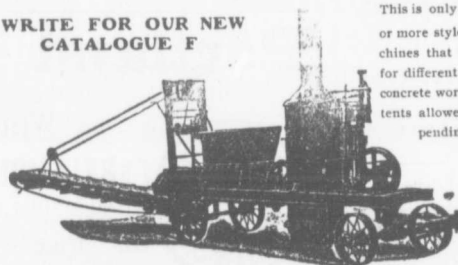


FOR
Sewers, Culverts and Water Pipes
Inverts for Brick Sewers

WRITE FOR DISCOUNTS
ST. JOHNS, P.Q. HAMILTON, ONT. TORONTO, ONT.

The Greatest Concrete Mixer Yet Made

WRITE FOR OUR NEW
CATALOGUE F



This is only one of 30
or more styles of ma-
chines that we make
for different kinds of
concrete work. 10 pa-
tents allowed, others
pending

NUMBER OF PATENTS	
35,664	
672,934	
675,035	
675,036	
675,037	
698,182	
698,910	
699,667	
699,668	
701,312	

Also
Mortar and
Asphalt Mixers

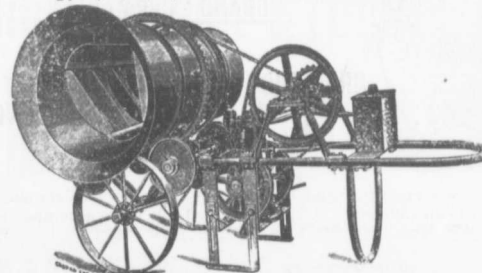
DRAKE STANDARD MACHINE WORKS

Factory, 79-11-13 Garden Street, Chicago. Office and Salesroom, 228-300-305 W. Jackson Boul. Chicago, Ill., U. S. A.
Eastern Agent, Walter S. King, 27 St. John's Place, Brooklyn, N. Y.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

THE MCKELVEY CONCRETE MIXERS

MANUFACTURED BY **W. A. MCKELVEY,** McKinnon Building, TORONTO.



These machines
are made to mix
either continu-
ously or in
batches, and can
be operated
either by Hand
Steam or Gaso-
line Power.

NEW COMPANIES.

Gibson Lumber Co., Limited, Winnipeg, Man., incorporated, capital \$200,000, to manufacture and deal in lumber and timber. R. W. Gibson, J. A. Johnstone, G. H. Davis, Winnipeg; E. A. Banbury, R. S. Banbury, Wolseley, N.W.T.

Arden Cement Block & Building Co., Arden, Man., incorporated, capital \$20,000. J. A. Gilluly, M. E. Boughton, Robert Lambe, and others, of Arden.

International Gas Appliance Co., Limited, Toronto, incorporated, capital \$49,000, to manufacture and deal in lighting appliances. G. T. Merwin, J. L. Reay, Montreal; Andrew R. McMaster, Westmount, Que.

Northern Timber Co., Limited, Toronto, incorporated, capital \$100,000. Provisional directors, A. H. Vanderburgh, W. H. Gilchrist, C. W. Bennett and others.

Digby Lumber Co., Limited, Toronto, incorporated, capital \$25,000. Directors, Archibald Kidd, F. H. Kidd, Toronto; F. A. McDiarmid, Fenelon Falls, Ont.

Galt Down Draft Furnace Co., Limited, Galt, Ont., incorporated, capital \$100,000. Directors, T. H. Smith, Andrew Newlands, T. E. Montague, Galt.

New Century Refrigerator & Manufacturing Co., Dundas, Ont., incorporated, capital \$75,000. Directors, J. D. Pennington, R. B. Baker and others.

Owen Sound Natural Gas and Oil Co., Owen Sound, Ont., incorporated, capital \$40,000. Directors, R. J. Doyle, William Morrison, W. Pedwell, John Wright, F. X. LaFrance, Owen Sound.

Kingston Milling Co., Limited, Kingston, Ont., incorporated, capital, \$60,000; to acquire and develop water powers and to distribute electricity. Directors, John Campbell, E. C. Gildersleeve, Kingston and others.

Sub-Target Co., Limited, Toronto, in-

corporated, capital \$1,000,000; to manufacture and deal in fire-arms. Directors, H. M. Pellatt, Toronto, J. H. Tilden, Hamilton, and others.

Lewisville Brick & Mercantile Co., Limited, Lewisville, N.B., incorporated, capital \$24,000. Directors, G. R. Jones, A. H. Jones, William H. Cummings and others.

The Winnipeg Paint & Glass Co., Winnipeg, Man., will increase their capital stock to \$250,000.

JOHN GALT, C.E.&M.E.
MEM. CAN. SOC. C.E. AND C.E.A., ETC.
CONSULTING ENGINEER AND EXPERT
National Trust Building
20 King Street East Toronto
Specialties—Water Supply and Sewerage.

JOSSON CEMENT .. Manufactured at NIEL ON RUPELL

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, MONTREAL

BLAST . . FURNACE SLAG A MOLTEN ROCK . . .

Cement Sidewalks, Road Foundation and Concrete Work

**STRONG AS STONE
CHEAP AS GRAVEL**

Doolittle & Wilcox, Hamilton, Ont.

Portland Cement..

ALL GRADES.

Write or Telegraph to

BELLHOUSE, DILLON & CO.

201-203 Coristine Building, St. Nicholas Street, Montreal

for prices—Large stock constantly on hand.



Largest Manufacturers in the World.

If Its

**WATERWORKS
PUMPING
ENGINES**

**FIRE
HYDRANTS**
OR
VALVES

for
Steam, Water, Gas
and
Radiation

Get Catalog and Prices of
THE KERR ENGINE CO'Y
Limited
Walkerville - - Ontario

SIEVERS & RAVENBORG, HAMBURG, GERMANY

Sole Export Agents of the Famous
PORTLAND CEMENT WORKS, GERMANIA
Largest Cement Works in Europe

BRAND "GERMANIA"

Also of the
**BREITENBURGER PORTLAND
CEMENT WORKS**

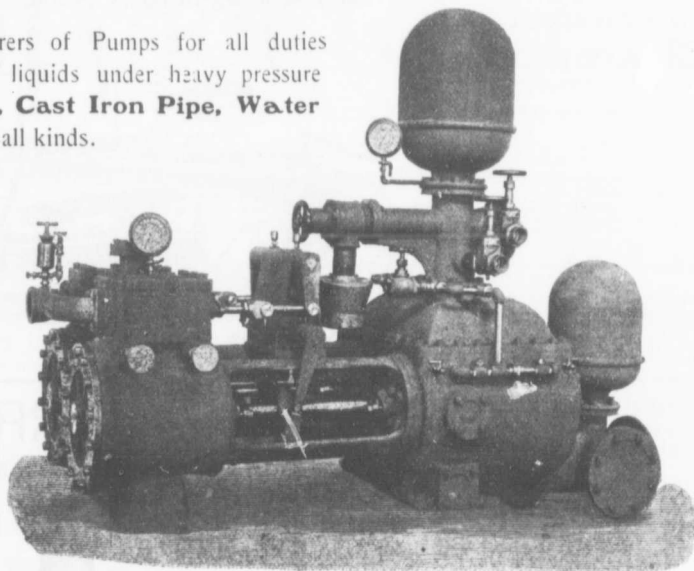
BRAND "HERCULES"



We solicit enquiries and orders from Canadian Dealers and Contractors on these well known Cements. Orders accepted only when accompanied by letters of credit.

UNDERWRITERS' PUMPS

We are manufacturers of Pumps for all duties requiring the delivery of liquids under heavy pressure
Valves, Hydrants, Cast Iron Pipe, Water works Supplies of all kinds.



STEAM BOILERS

—AND—

RIVITED STEEL

PLATE WORK

of every description.

CANADA FOUNDRY COMPANY, LIMITED

Head Office and Works: TORONTO, ONT.

District Offices: MONTREAL HALIFAX OTTAWA WINNIPEG VANCOUVER ROSSLAND

THOS. J. DRUMMOND, President

JAMES T. McCALL, Secretary-Treasurer

C. ED. GUDWILL, Vice-President

Montreal Pipe Foundry Co., Limited

Special Castings
Flange Pipe
Branches
Hydrants
Valves



CAST IRON PIPE

Valve Boxes
and
general
Water
Works
Supplies

Works at: LACHINE, QUE.
THREE RIVERS, QUE.
LONDONDERRY, N. S.

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 Man.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO. LIMITED.

Manufacturers of:::



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

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

~~~~~ HAMILTON, ONT ~~~~~

THE GOOD ROADS MACHINERY COMPANY, LIMITED

144 York St., HAMILTON, CANADA

THE REVERSIBLE STEEL "Champion"

as the KING OF GRADERS.

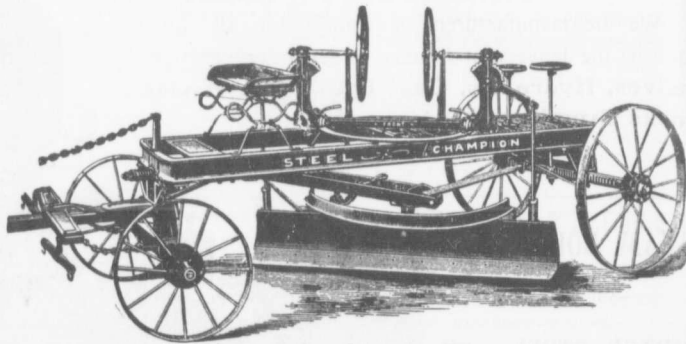
SIMPLE, STRONG AND DURABLE

-READ-

One Record of a Thousand: Magog, Que., Aug. 21, 1903. Good Roads Machinery Co., Hamilton, Ont.

GENTLEMEN—Our Steel CHAMPION giving very good satisfaction; requires very little repairs though often used with six heavy horses on our rough and stoney roads.

L. A. AUDET, Secty.-Treas. AGENCIES—The Waterloo Engine Works Co., Vancouver, B.C., and Winnipeg, Man.; T. A. Morrison, Montreal, 204 St. James St.; J. Clark & Son, Fredericton, N. B.; G. A. Lounsbury Co., Newcastle, N.B.; Elgh & France, Trar., N.S.



Prices of Building Materials.

Table with columns for 'MILTON PRESSED BRICK AND SEWER PIPE CO.', 'F.O.B. Montreal', and 'F.O.B. Toronto'. Lists items like Red No. 1, Buff No. 1, Roman Red, etc. with prices.

Vertical text on the left side of the brick price table: 'Please write to head office, Milton, Ont., for catalogue and prices.' and 'DON VALLEY PRESSED BRICK WORKS. Nos. 1, 2 and 3 Red Pressed Bricks...'

Table for 'TORONTO PRESSED BRICK AND TERRA COTTA WORKS'. Columns for 'F.O.B. Montreal', 'F.O.B. Toronto'. Lists items like Red Peerless Facing, Buff Peerless, etc.

Table for 'TORONTO POTTERY CO.'. Columns for 'F.O.B. Toronto', 'Less'. Lists items like Do. 1, W. W. Co., Savage Crown, etc.

Table for 'FIRE BRICK'. Columns for 'Toronto', 'Montreal'. Lists items like Common Rubble, Large flat Rubble, etc.

W. & F. P. CURRIE & CO.

345 St. James St., Montreal

SEWER PIPES, CULVERT PIPES, ETC. VENT LININGS, FLUE COVERS, FIRE BRICKS, FIRE CLAY, WHITING. PORTLAND CEMENTS, HIGH GRADE ENGLISH GERMAN BELGIAN PLASTER OF PARIS BORAX, CHINA CLAY.



Large table of prices for 'PORTLAND CEMENT'. Columns for 'Toronto', 'Montreal'. Lists various brands like English-Brook's, Belgian-Castle, etc. with prices.

REPRINTED UP TO JUNE 14TH