

CANADIAN CONTRACT RECORD

*A Weekly Journal of Engineering, 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, Leading Civil Engineers and Contractors throughout Canada,
and Purchasers of Municipal Debentures.

Vol. 17.

TORONTO, MONTREAL — FEBRUARY 27, 1907 — WINNIPEG, VANCOUVER

No. 52

THE CANADIAN CONTRACT RECORD PUBLISHED EVERY WEDNESDAY

As an intermediate Edition of the Canadian
Architect and Builder.

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

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in advance.

CONFEDERATION LIFE BUILDING, TORONTO
Telephone Main 2362.

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should give prompt notice of same. In doing so
give both old and new address. Notify the pub-
lishers of any irregularity in delivery of papers

TOWN OF SAINT BONIFACE TENDERS

The undersigned shall, up to 5 o'clock p.m., FRI-
DAY, MARCH 22, 1907, receive tenders for the
supply of one Street Sprinkler and one Street
Sweeping Machine.

Each tender must be accompanied by an accepted
cheque or cash deposit for 5 per cent. of the amount
of the tender.

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

J. B. COTE,

Secretary-Treasurer.

Dated at St. Boniface, February 14, 1907.

To Paving Contractors

The City of St. Catharines intends paving parts of
Ontario, James, Queen, Church, Geneva, Queenston
and Raymond streets in 1907 and invites final tenders
for the paving of one or more of the same either in
Vitrified Brick, Sheet Asphalt, Bitulithic, or Asphalt
Block.

Tenders addressed to the Chairman of the Com-
mittee on Works will be received by the undersigned
until 11th MARCH, 1907, at noon.

Plans and specifications may be seen and forms of
tender obtained after 21st instant.

The lowest or any tender not necessarily accepted.

D. BENZIE, C. E.,
City Engineer.

St. Catharines, 12th February, 1907.

TENDERS WANTED

Sealed tenders, addressed to the undersigned, will
be received up to 3 p. m. of MONDAY, MARCH
11th, 1907, for the construction of two Steel Bridges
in the Township of East Zorra, Oxford County, Ont.,
and quarry stone or concrete abutments therefor.
One truss span 70 ft. length and one beam span 24 ft.
Both to have concrete floors with channel guards.
Contractors to furnish sketch of plan and short
description of proposed work. Distance of either from
railway station about 2 miles. Tenders will be opened
and contract awarded on above date at Hickson,
if satisfactory offer be received.
Address,
JAMES ANDERSON,
Clerk East Zorra,
Hickson P. O., Ont.

For Sale

Two Canadian patents, covering Labor-
Saving Device. Information given on
application.

Box 512, St. Catharines, Ont.

CITY OF BRANDON

TENDERS FOR CEMENT

Sealed tenders addressed to the Chairman of Board
of Works and endorsed "Tender for Cement" will
be received by the undersigned until 12 o'clock noon
of THURSDAY, APRIL 11, 1907, for supplying
from 6,000 to 8,000 blis. of Portland Cement to the
City of Brandon.

Specification and form of tender may be obtained
on application to W. H. Shillinglaw, City Engineer,
Brandon, Man.

The lowest or any tender not necessarily accepted.

HARRY BROWN,
City Clerk.

Brandon, Manitoba, Canada, February 8, 1907.



Temiskaming and North- ern Ontario Railway Commission

TENDERS FOR OFFICE BUILDING

Sealed tenders addressed to the undersigned
and endorsed "Tender for Office Building"
will be received up to 5 p. m. on the 13th DAY
OF MARCH, 1907, for the erection of a General
Office Building at North Bay, Ontario.

Plans and specifications may be seen at the
offices of the Commission, 25 Toronto Street,
Toronto, and at the office of the Chief Engineer,
North Bay.

A certified cheque for \$1,500 must accompany
each tender.

The successful tenderer must enter promptly
into a contract and furnish security for the
amount of \$10,000 for due completion of same.
Cheques of unsuccessful tenders will be re-
turned to them.

The lowest or any tender not necessarily ac-
cepted.

A. J. MCGEE,
Secretary-Treasurer.

Toronto, February 9th, 1907.

Papers inserting this advertisement without
authority will not be paid for same.

Contractors' Notice

If you are tendering on any work in

NORTHERN ONTARIO

we are prepared to give right figures on heating and
plumbing work.

CAVEN & MONCEON
Sturgeon Falls, Ont.

CITY OF REGINA

Pavements Construction

The City Clerk will receive sealed tenders, marked
"Tender for Pavements", on behalf of the Corpora-
tion of the City of Regina, up to and inclusive of
FRIDAY, THE FIRST DAY OF MARCH, 1907,
until five o'clock p. m. for the construction of any
kind of pavement in whole or part to be laid down in
the City of Regina, as follows:

PROPOSED PAVEMENTS

	Between	Width	Sq.
		Feet.	Yds.
Albert	South Ry. and Victoria	36	5,600
Victoria	Albert and Broad	36	11,300
Broad	Victoria and Eleventh	36	4,400
Osler	Tenth and Eleventh	41	2,150
Tenth	Osler and Halifax	41	1,600
Eleventh	Broad and Osler	41	1,600
Eleventh	Scarth and Lorne	41	3,200
Twelfth	Broad and Albert	42	10,600
Rose	Eleventh and Victoria	41	5,300
Hamilton	Eleventh and Victoria	41	5,300
Cornwall	South Ry. and Twelfth	41	4,800
Lorne	South Ry. and Victoria	42	5,000
Smith	South Ry. and Victoria	42	5,000
McIntyre	South Ry. and Victoria	42	5,700

Every tender must be accompanied by a certified
cheque payable to the order of the City of Regina
for five per cent. of the amount tendered for.

The lowest or any tender not necessarily accepted.

ANGUS SMITH, J. KELSO HUNTER,
City Engineer. City Clerk.

Regina, Sask., 6th February, 1907.

CITY OF MOOSE JAW PROVINCE OF SASKATCHEWAN

DEBENTURES FOR SALE

Sealed tenders, addressed to the undersigned
Secretary-Treasurer of the City of Moose Jaw, will
be received up to five o'clock p. m. on MONDAY,
THE ELEVENTH DAY OF MARCH, 1907, for the
purchase of the following Debentures of the City of
Moose Jaw, amounting in all to the sum of \$135-
865.67, made up as follows:

\$60,000.00 for the construction and conducting of a
Gravity Supply of Water to the City of Moose Jaw,
spread over a period of fifty years and dated the first
day of November, 1906, bearing interest at the rate
of five per cent.

\$70,000.00 for the construction of a Fire Hall in the
City of Moose Jaw, spread over a period of fifty
years and dated the first day of December 1906, bear-
ing interest at the rate of five per cent.

\$6,865.67 for the construction of Granolithic Side-
walks throughout the City of Moose Jaw, spread
over a period of 10 years and dated the fourteenth
day of November, 1906, bearing interest at the rate
of five per cent.

Principal and interest payable in equal annual
instalments at the Canadian Bank of Commerce,
Moose Jaw.

The highest or any tender not necessarily received.
For further particulars apply to

JOHN D. SIMPSON,
Secretary-Treasurer.

Moose Jaw, February 12th, 1907.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE]

SUPERINTENDENT OR FOREMAN

Advertiser is open for engagement as Superintendent, Inspector or Foreman on Construction Work; has held position as Superintendent and Foreman on Reinforced Concrete Construction and buildings of all kinds and can show good results at fair costs. Apply Box 103, CONTRACT RECORD, Toronto, Ont.

Tenders Wanted

Tenders will be received by the undersigned up to SATURDAY, MARCH 27th, for the installation of a Steam Heating Plant in St. Andrews Presbyterian Church, now in course of erection at Sault Ste. Marie. Two boilers will be included in the system.

The lowest or any tender not necessarily accepted.

L. A. GREENE,
Secretary Building Committee,
Sault Ste. Marie, Ont.

TENDERS FOR PORTLAND CEMENT

Sealed tenders, addressed City "Commissioners, Edmonton," will be received up to MARCH 10th, 1907, for supplying 5,000 barrels, more or less, of Portland Cement. Tenders will state whether cement is packed in sacks or barrels, and price F.O.B. city warehouse tracks, Edmonton.

Sample tests will be made from consignments before acceptance.

Delivery to commence not later than June 1st. A marked cheque for 5 per cent. of total contract must accompany each tender.

The lowest or any tender not necessarily accepted.

COMMISSIONERS, City of Edmonton,
16th February, 1907.

TENDERS

will be received up to 12 o'clock noon, SATURDAY, MARCH 27th, 1907, for additions to General Hospital, Sault Ste. Marie, Ont., and to St. Josephs Hospital, Sudbury.

Buildings 43 ft. x 103 ft., three stories and basement, with lavatory wing in each case.

Plans may be seen at the offices of the architect in North Bay and Sudbury, at the General Hospital, Sault Ste. Marie, Ont., and on application to Reverend Mother Superior Kirby, Grey Nuns Convent, Ottawa.

Tenders to be addressed Rev. Mother Kirby, Grey Nuns Convent, Ottawa, and shall be marked "Tender for Sault Hospital Addition" and "Tender for Sudbury Hospital Addition" respectively.

The lowest or any tender not necessarily accepted.
H. W. ANGUS, Architect,
North Bay and Sudbury.

Tenders Wanted

Sealed tenders, addressed to the undersigned at Harrison, and marked "Tender," will be received up to and including TUESDAY, MARCH 10th, 1907, for the erection of an addition to the Public School Building in the Town of Harrison.

Plans and specifications may be seen at the residence of the undersigned on and after March 4th. Tenders for the whole work or the several trades will be accepted.

The required stone, sand and brick will be furnished to the contractors.

Each tender must be accompanied by an accepted cheque or cash deposit for 5 per cent. of the amount of the tender.

The right to reject any or all tenders is reserved.

W. D. McLELLAN,
Chairman Property Committee,
Board of Education,
Harrison, Ont., February 23rd, 1907.

To Contractors

Tenders will be received by the undersigned up till 12 o'clock, noon, of MONDAY, MARCH 4th, 1907, for the various trades required in the erection of a

Reinforced Concrete Warehouse for George Foster & Sons, Limited, Brantford, Ont.

Drawings and specifications may be seen and information obtained at the offices of George Foster & Sons, Brantford, and at the offices of the architects, STEWART & WITTON,
Hamilton, Ont.

The lowest or any tender not necessarily accepted.

Draughtsman wants position. Experienced, up-to-date, design, details, decoration, perspective, ink or color. Address Box 104, CONTRACT RECORD, Toronto.

Tenders**TO CONTRACTORS**

Tenders will be received up to 5 p.m. SATURDAY, MARCH 28th, for all trades except plumbing and heating required in the erection of

A Large Detached Residence On Maple Avenue, Rosedale.

Plans and specifications at the office of
F. H. HERBERT, Architect,
9 Toronto Street, Toronto.

TENDERS FOR LUMBER

Sealed tenders, addressed to the undersigned by letter, will be received up to FRIDAY, MARCH 15th, 1907, for supplying the following material:

20,000 feet of three inch White Pine or Tamarac Plank, 12 ft. and 16 ft. long.

35,000 feet of two inch White Pine or Tamarac Plank, 12 ft. and 16 ft. long.

14,000 feet of 4 in. x 4 in. Cedar Scantling, and 12 feet long.

The whole of the lumber to be free from rot, shake and black knots, and must be evenly sawed, and to pass inspection by the Street Foreman, and delivered to the cars at Toronto Junction, in lots of not less than one car at a time. Lowest or any tender not necessarily accepted.

All tenders to be marked "Tenders for Lumber" and addressed to

W. J. CONRON, Town Clerk,
Toronto Junction, Ont.
Town Hall, February 25th, 1907.

WATER WORKS**NEW LISKEARD, ONT.**

Sealed tenders will be received by Sinclair & Smith, Engineers, New Liskeard, Ont., until 12 o'clock, noon, on SATURDAY, MARCH 16th, 1907, for the construction of a Water Works System for the Town of New Liskeard.

These shall be marked Water Works Tender "A" or "B", as the case may be.

The above work comprises the following contracts:

"A"—Furnishing all cast iron pipe and accessories f.o.b. cars New Liskeard, Ont.

"B"—Furnishing all wood stave pipe and accessories f.o.b. cars New Liskeard, Ont.

"C"—Hauling and laying all cast iron and wood stave pipe, approximate 5,000 feet, ranging from four inches to four inches in diameter, doing all the excavating and back filling; setting all hydrants, valves and specials, and constructing valve chambers.

"D"—Furnishing and erecting a steel stand-pipe twenty-one feet in diameter and fifty-five feet high.

"E"—Protecting and developing springs on Lot 1, Concession 7, Township of Harris, and constructing a receiving basin.

"F"—Furnishing all material and labor for the construction of:

1. A concrete block pumping station with concrete foundation; concrete foundations for pumps and motors and also a concrete receiving well at pumping station.

2. Concrete foundation for steel standpipe with necessary clearing, excavating and grading.

"G"—Furnishing and erecting two 100 h. p. 3-phase, 60-cycle, 2,300 volt motors with all necessary accessories in the pumping station.

Alternative propositions will be received as follows:

1. Each motor to be direct connected to a multi-stage turbine pump, each having a capacity of 600 imperial gallons per minute against a head of 325 feet.

2. Each motor to be connected by an endless chain to a double-acting vertical triplex power pump, each pump having a capacity of 600 imperial gallons per minute against a head of 325 feet.

"H"—Furnishing and erecting two pumps each having a capacity of 600 imperial gallons per minute against a head of 325 feet.

Alternative propositions will be received on the following:

1. Two multi-stage turbine pumps direct connected to motors as described in Contract "G".

2. Two double-acting vertical triplex power pumps connected by an endless chain to motors as described in Contract "G".

Instructions to bidders, together with forms for contract and bond, will be sent upon application at the office of Sinclair & Smith, Engineers, New Liskeard, Ont., where plans and specifications can be seen.

The right is reserved to reject any or all tenders.

By order of the Town Council,
SINCLAIR & SMITH, Engineers,
New Liskeard, Ont.

WANTED

First-class architectural draughtsman (with engineering experience preferred) details, specifications. Salary and experience to Tripod care CONTRACT RECORD, Toronto.

CONTRACTS OPEN.

BARRIE, ONT.—The Town Council will shortly purchase 500 feet of fire hose.

FORT WILLIAM, ONT.—J. Griffin is about to erect a four-storey block here.

GALT, ONT.—The Down Draft Furnace Company intend enlarging their plant.

CHELtenham, ONT.—The Presbyterians purpose building a new church this season.

BEAUSEJOUR, MAN.—A large brick and glass factory is to be established here.

PETERBORO, ONT.—Alderman Wilson will erect four dwellings at a cost of \$3,000 each.

PORT ARTHUR, ONT.—D. J. Seyel has acquired property on which to erect large boiler shops.

VANCOUVER, B. C.—The A. J. Burton Saw Company will erect a building 48 x 130 feet.

NELSON, B. C.—The Methodists of this town will shortly commence the erection of a new edifice.

NORVAL, ONT.—The Farmers Bank have purchased property on which they will erect a building.

ST. JOHN, N. B.—The St. John Cotton Mills will build an edition to their premises 120 x 80 feet.

WOODSTOCK, ONT.—The Y. M. C. A. have secured a site on which to erect their new building.

NEW GLASGOW, N. S.—A. F. McCulloch & Co. have purchased property on which to erect a store.

HAVELOCK, ONT.—Plans have been prepared for additions to be made to the C.P.R. roundhouse here.

FASSETT, QUE.—The Haskell Lumber Company want to buy a second-hand, 65-ton, 3 truck locomotive.

EDMONTON, ALTA.—J. E. Wyse, architect, will erect a four-storey reinforced concrete block on Jasper avenue.

WEST SELKIRK, MAN.—Free site and tax exemption has been granted the Pope Mfg. Co., who will erect works here.

FREDERICTON, N. B.—The Brunswick Street Baptist Church will be enlarged and a new lighting system installed.

BRANTFORD, ONT.—A new factory is to be erected in this city by the Mickle, Dymet Lumber Co. Cost \$10,000.

LETHBRIDGE, ALTA.—The Ellison Mill & Elevator Co. have invited tenders for erection of an elevator here to cost \$75,000.

SMITH'S FALLS, ONT.—The Fire Chief has recommended the purchase of 1,000 feet of hose and other fire fighting apparatus.

CHARLOTTETOWN, P. E. I.—The Provincial Government have decided on the erection of a new Provincial jail and poorhouse.

KILDONAN, MAN.—Tenders have been taken for construction of about 2,000 feet of sewers, manholes, catch basins, etc.

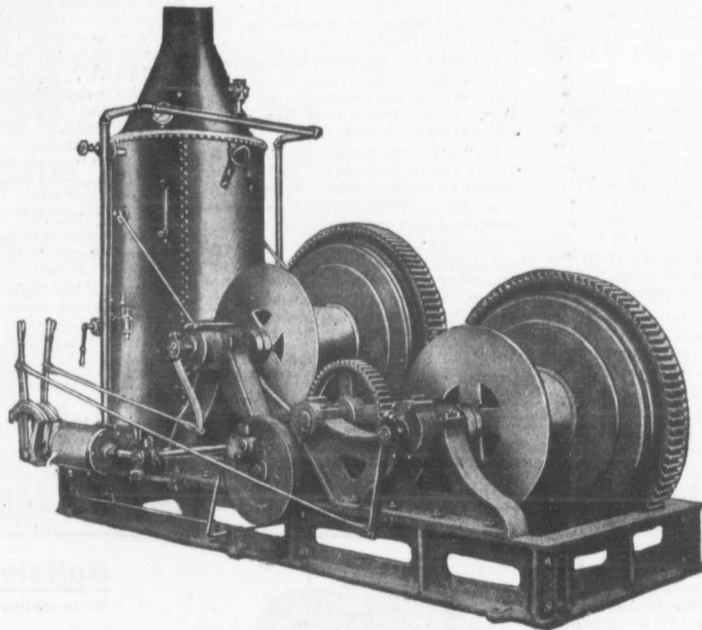
CALGARY, ALTA.—The City Council will ask the ratepayers to authorize the erection of a new city hall at the cost of \$150,000.

MERRICKVILLE, ONT.—C. W. Postlethwaite is taking tenders up to March 1st for erection of stone church in

**IF IT IS HOISTING ENGINES YOU WANT
YOU CAN'T BEAT OUR LINE**

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VARIETY, DESIGN OR QUALITY



SPECIAL COMPOUND HAULAGE ENGINE.

- SMITH CONCRETE MIXERS
- AUSTIN ROCK CRUSHERS
- IDEAL CONCRETE BLOCK MACHINES
- STERLING CONCRETE BARROWS

MUSSENS LIMITED

(FORMERLY W. H. C. MUSSEN & CO.)

Head Office: MONTREAL

Railway, Mining, Municipal and Contractors' Supplies

this village. Plans with above named gentleman.

OWEN SOUND, ONT.—It is rumored that the Dominion Fish Company intend erecting a cold storage warehouse in this town.

WALKERVILLE, ONT.—It is reported that the Grand Trunk Railway will erect a steel bridge over their tracks in this town.

KEEWATIN, ONT.—It is reported that the Washburn-Crosby Company, of Minneapolis, Minn., will establish a large flour mill here.

INDIAN HEAD, SASK.—Plans have been prepared for a new church to be erected for St. Andrew's congregation at a cost of \$21,000.

BURNSTOWN, ONT.—A. Taylor is taking tenders up to March 4th for erection of a brick veneer schoolhouse in the Township of Bagot.

LETHBRIDGE, ALTA.—The congregation of St. Augustine's church have purchased property on which to erect a church to cost \$25,000.

CHELSEY, ONT.—A furniture factory is to be established here, and the building to be erected will be three stories, brick, and 100 x 50 feet.

ARNPRIOR, ONT.—W. M. Howe, Mayor, is taking tenders up to March 12th for purchase of \$67,324.84 20 year 4½ per cent. debentures.

NORTH TORONTO, ONT.—The Bank of Montreal are having plans prepared for a new stone and brick building to be erected on Yonge street.

MONCTON, N. B.—The Public School Board are seeking authority to borrow \$40,000 with which to purchase and erect new school buildings.

WOODSTOCK, ONT.—The City Council have rejected all tenders received for purchase of \$48,500 debentures on account of the low figures submitted.

WHITBY, ONT.—The National Car Company have acquired five acres of land and operations on the erection of their building will commence shortly.

THOROLD, ONT.—The North American Cobalt Refining Company will establish a large refinery here at a cost of \$250,000.—The Thorold Agricultural Society have decided to purchase about ten acres of land, on which several new buildings will be erected.

COBALT, ONT.—A. Glendinning will receive tenders up to March 1st for erection of a manse. Plans with T. A. McArthur, Mining Recorder, this town.

RIDGETOWN, ONT.—J. L. Wilson & Son, architects, Chatham, are preparing plans for erection of new hotel to take place of one recently destroyed by fire.

HEWARD, SASK.—A new school building is to be erected here at a cost of \$12,000.—The Presbyterian congregation invite tenders for erection of a church.

ST. CATHARINES, ONT.—E. Wismer is taking tenders up to March 1st for alterations to Queen street Baptist Church. Plans with A. E. Nicholson, architect, this city.

DAUPHIN, MAN.—J. A. Gorby, town clerk, is taking tenders up to March 20th for construction of two 60 foot span setel bridges and one 60 foot span Howe truss wooden bridge.

GOODWOOD, ONT.—A. W. Crosby is taking tenders up to March 9th for erection of Methodist Church in this village. Plans with above gentleman and N. Forsyth, Stouffville.

SASKATOON, SASK.—A. & Melville, architects, Winnipeg, will receive tenders up to March 8th for erection of brick and stone block in this town for National Trust Company.

LONDON, ONT.—The City Council will remodel the old hospital main building at a cost of \$10,000.—The London Medical College are considering the erection of a new building.

IBERVILLE, QUE.—The ratepayers have authorized the Town Council to make certain concessions to the Dean Pipe Manufacturing Co., of New York, who will establish works here.

BARRIE, ONT.—G. M. Miller & Co., architects, Toronto, will shortly take tenders for the remodelling of the Collier street Methodist church. The improvements include a new heating system.

ST. MARY'S, ONT.—The ratepayers will shortly vote on by laws authorizing concessions to Strauss & Roos, who purpose establishing a machine works here, and to the Canadian Flax Cordage Company, who intend erecting a new building.

SAULT STE. MARIE, ONT.—L. A. Greene, Secretary Building Committee of St. Andrew's Presbyterian church, will receive tenders up to Saturday, March 9th, for the installation of a steam heating plant, including two boilers, in the church edifice now in course of erection.

BELLEVILLE, ONT.—F. H. Herbert, architect, Toronto street, Toronto,

is preparing plans for hotel building to take place of Hotel Quinte which was recently destroyed by fire. The structure is to be five stories high and will cost \$85,000.

REGINA, SASK.—F. J. Robinson, Deputy Minister of Public Works, has rejected all tenders received for the erection of land titles office on account of the high figures submitted. It is probable that new plans will be prepared for a less expensive building.

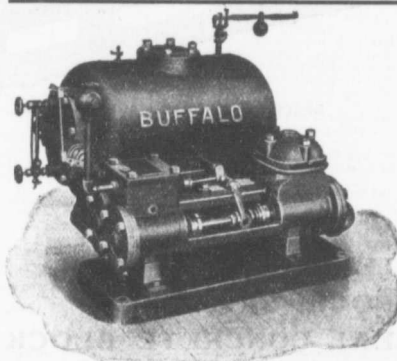
PORT ARTHUR, ONT.—It is understood that the Canadian Northern Railway will shortly commence the construction of their road from this city to Duluth.—McKinnon Bros., have purchased property on which to erect a fire-proof factory building.

NIAGARA FALLS, ONT.—The city council will ask the ratepayers to authorize the purchase of an electrical centrifugal pump and erection of new pumping station.—Plans are being prepared for the enlargement of the Market Hotel, which is conducted by C. J. Flynn.

KEARNEY, ONT.—Representatives from this village are acting in conjunction with the Councils of Townships of Perry, Proudfoot, Armour, Butt and Bethune in requesting the Provincial Government to spend \$15,000 in improving the Magnetawan river from Galbraith Rapids to Sand Lake.

NEW LISKEARD, ONT.—A waterworks system is to be established in this town and Sinclair & Smith invite tenders for supply of steel standpipe, 21 feet diameter, 55 feet high, 25,000 feet iron and wood stave piping, concrete block pumping station, electric motors, developing springs of water, etc.

VICTORIA, B. C.—Improvements may be made to the city hall at an estimated cost of \$18,000.—W. W. Northcote, City Purchasing Agent, will receive tenders up to March 4th for supply of 402 water meters as per specifications which may be seen at his office.—S. MacClure, architect, has prepared plans for a three-storey pressed brick and stone



Buffalo Pumps

Reciprocating and Centrifugal

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TANK PUMPS, BOILER
FEED PUMPS, UNDER-
WRITER FIRE PUMPS,
HYDRAULIC PRESSURE
PUMPS, JET CONDENS-
ERS.

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Canadian Buffalo Forge Co.,
Limited
OFFICE AND FACTORY:
MONTREAL, QUE.



STAR

THE CANADIAN STANDARD

THE CANADIAN PORTLAND CEMENT CO., LIMITED

502 TEMPLE BUILDING,
TORONTO

BOARD OF TRADE BUILDING
MONTREAL

building to be erected on Langley street for Buggitt & Co.

KINGSTON, ONT.—The Perfect Brick & Tile Co. has been formed here and will shortly commence installing their plant.—G. Mills & Co. intend making extensions to their premises.—P. S. Mahood is about to erect a brick residence.—Additions are to be made to D. G. Laidlaw's residence and also to the store of J. Reid & Co.

TWEED, ONT.—The Town Council are having reports prepared on the question of establishing sewerage and waterworks systems in this town.—A deputation from the Hastings County Council recently waited on the Ontario Government asking that a grant of \$150,000 be made with which to rebuild bridges throughout the county.

FORT FRANCES, ONT.—The Town Council will shortly call for tenders for a 50 h. p. gasolene engine also a pump with a capacity of 930 gallons per minute.—The Chairman, Fire Water and Light Committee will receive tenders up to March 15th for supply of 200 cedar poles, 35 feet long and not less than six inches in diameter at the smaller end.

HAMILTON, ONT.—The Toronto, Hamilton & Beamsville Railway have

been granted a permit for the erection of workshops on Garth street to cost \$1,000.—Munro & Mead, architects, are preparing plans for the proposed House of Refuge for the County of Wentworth.—A. Zimmerman, M.P., S. C. Mewburn, A. F. Zimmerman and C. S. Scott are promoting a company with a proposed capital of \$300,000, for the manufacture

"PRIESTMAN'S" EXCAVATOR AND DREDGER

It seems peculiar that the "PRIESTMAN'S" EXCAVATOR AND DREDGER is not used in Canada as it is all over the rest of the world, inasmuch as it will do more work with less labor than any Excavator at present in use and the first cost is less than most. For particulars write **G. P. WALLINGTON,** Canadian Representative, 11 Front Street East, Toronto.

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WRITE FOR PRICES
METALLIC ROOFING CO.
LIMITED
TORONTO, CANADA.
IRON



"BULL DOG" SHOVELS

forged from one piece of High Carbon Bar Steel without weld or rivet, solid neck and blade, tempered in oil, straight chucked handle can be replaced when broken.

CANADIAN SHOVEL & TOOL CO.

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LIMITED

HAMILTON, CANADA



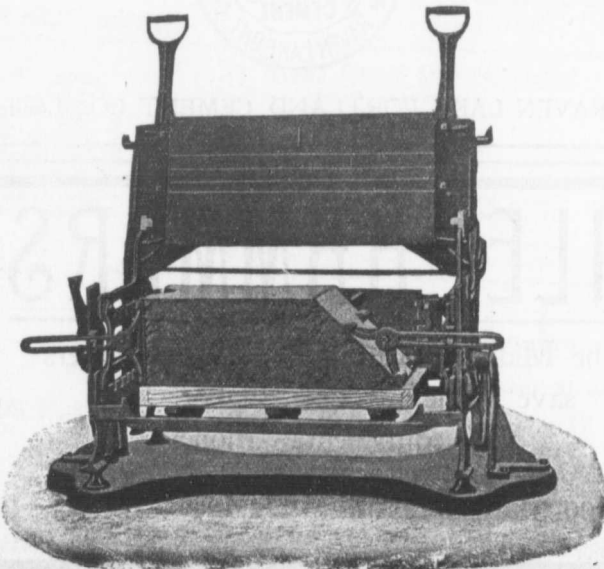
Sectional View of finished One-piece Shovel, showing gauge or thickness of steel at different points.

Note Solid Shank

... Speaks For Itself ...

THE MILES CONCRETE BUILDING BLOCK MACHINE

Makes 40 Different Sizes of Stone in Any Design, as well as the Specials, viz.:
Water Table, Gable, Circle, Angle, Chimney, Cornice, Pier Blocks, etc.
Catalogues and Information Cheerfully Furnished.



This Machine makes all blocks face down—"the only practical way"—allowing of a richer and finer facing, producing blocks that are perfect in appearance and impervious to moisture.

Let us tell you how the "Miles" will pay for itself over any other machine in three months' operation.

Manufactured and Sold by

VINING BROS.

M'fg. Co.

Niagara Falls, - Can.

of underwear. A site for the factory has been purchased and building operations will commence shortly.

VANCOUVER, B. C.—Additions are to be made to Christ church to cost \$12,000.—D. Spencer & Co. will erect a seven storey building adjoining their present premises to cost \$100,000.—P. Tardif will build two houses on Barclay street at a cost of \$8,000.—J. A. & T. E. Brown have purchased property corner of Seymour and Dunsmuir streets on which a four-storey building will be erected.—A Masonic temple is to be built corner of Seymour & Georgia streets at a cost of \$40,000.—D. Spencer intends erecting a seven storey arcade on Hastings street.—Williams & Murdock recently sold two lots corner Hastings street and Vernon Drive on which the purchasers many erect an hotel.—P. McLean has taken out a permit for erection of building on Sixth avenue, to cost \$13,000.—The congregation of the First Baptist Church will erect a new edifice corner Burrard and Nelson streets. It will be built of pressed brick, and will cost \$44,000.

OTTAWA, ONT.—A new wing is to be added to the Ottawa University and the erection of a new seminary at a cost of \$50,000 is also being considered.—The Intercolonial Railway intend rebuilding six bridges situated throughout the Province of New Brunswick.—F. E. Ryan Secretary Transcontinental Railway Commission, will receive tenders up to March 13th for construction of six steel bridges at the following points: Wabigoon and Winnipeg rivers, C. P. R. crossing, Whitemouth river, Brokenhead river (East and West branches). Plans at the office of the Chief Engineer, this city.—F. Gelinas, Secretary Department of Public Works, will receive tenders up to March 19th, for construction of a steel superstructure for bridge at Chellmouth, Man. Plans with J. G. Sing, Confederation Life B'd., Toronto, A. R. Dufresne, Winnipeg, C. Desjardines, Post Office, Montreal, Post Masters at Hamilton and Shellmouth and Department of Public Works, this city.

MONTREAL, QUE.—The Stratton Babbitt & Car Bearing Company, of Moncton, N. B., will remove their plant to this city.—J. W. Peck & Son are considering the erection of additions to their premises.—Mr. Galarnau has purchased property on which to erect a ten storey warehouse.—The City Building Inspector recently issued the following permits: G. Marcotte, tenement house, Ontario street, cost \$4,000; J. O. Deziel, tenement house and three stores, Lafontaine Park and Garnier street, cost \$10,000; A. Provost, tenement house, Cowan and Suzanne streets, cost \$2,500; A. Brunelle, tenement house, Alywin street, cost

\$3,800; C. Frenette, tenement house, Chambord street, cost \$3,500; M. Walsh & Co., tenement house, V. tre street, cost \$8,000. City and District Savings Bank, alterations to bank buildings, cost \$50,000.—G. Versailles has taken a building permit for alterations to dwelling on Ontario street to cost \$6,000.—J. A. Jacobs will make alterations to warehouse on St. Helen street at a cost of \$19,000.—The W. H. Bell Furniture Co. have leased a building corner of Peel and St. Catherine streets and will remodel same.

WINNIPEG, MAN.—A. & W. Melville, architects, will receive tenders up to March 8th for erection at Saskatoon of brick and stone block for the National Trust Co.—H. A. Chadwick will shortly have plans prepared for the rebuilding of Deer Lodge.—The Manitoba Linsed O.I. mills have purchased a site on which they will erect a factory building.—The Home Bank will probably remodel their building.—The City Council are considering the issuing of debentures for \$180,000 with which to purchase a park.—A. & W. Melville, architects, are preparing plans for an apartment house corner Broadway and Hargrave street. The structure will be brick and stone, all inside partitions hollow fire-proof tiles, four stories high, and will cost \$300,000.—Bright & Johnstone will erect a warehouse in this city.—J. H. G. Russell, architect, wants tenders for five storey brick and stone block.—Architect Evans is preparing plans for brick and stone school at Stonewall, business block at Broadview, and biscuit factory for this city.—Whytefold Beach will build club-house and wharf, also purchase fire engine.—The city will shortly take tenders for two hundred arc lamps, arc regulators, lightning arresters, five thousand garbage cans, turbines, generators, exciters, transformers, transmission towers, switch gear and insulators.

TORONTO, ONT.—F. H. Herbert, 9 Toronto street, is taking tenders up to March 2nd for erection of a large detached residence on Maple avenue, Rosedale.—The same architect is preparing plans for a large residence on St. George Street, also a residence on Palmerston Boulevard, tenders for which will be asked shortly.—The Toronto Carpet Company will shortly commence work on erection of a building 100 x 400 feet.—Christie Brown Company are about to erect a five-storey brick addition to their factory.—J. H. Gallaway, architect, 77 Victoria street, has prepared plans for two cottages to be erected at Jackson's Point to cost \$1,400; three brick stores Queen street west for R. T. Smith, cost \$7,500; three brick dwellings for F. L. Beecroft, Claremont street, cost \$5,000; brick dwelling on Havelock street for Mr. Prentiss, cost \$3,800. The same architect will shortly take tenders for erection of brick and stone residence on Balmoral avenue to cost \$7,000.—E. R. Babbington, architect, 28 Toronto street, has prepared plans for two brick stores and dwellings to be erected on Queen street west to cost \$5,500. The same architect will take tenders this week for the erection of a brick dairy building, also for alterations to building on Victoria street.—L. Foulds, architect, Aberdeen Chambers, will shortly call for tenders for erection of a three-storey brick office building.—D. Richards, architect, 77 Victoria street, will shortly take tenders for extensive additions to dwelling on Grange avenue.—J. Francis Brown, architect, Board of Trade building, is taking tenders this week for erection of brick warehouse on River street for Queen City Vinegar Company, also for additions to the factory of the Dominion Paper Box Company, King street west.—The Dominion Government will erect a new building for the Dominion Meteorological

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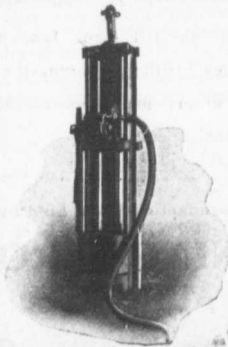
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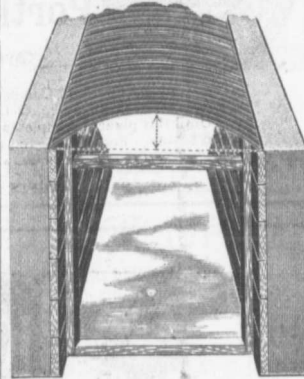
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Survey.—F. H. Herbert, architect, will shortly take tenders for erection of four-storey brick tenement house corner of Agnes and Elizabeth streets for H. Wineburg, cost \$100,000. The City Council give notice that the following works will be carried out: Construction of sewer Triller avenue, King to Queen streets, cost \$1,170; laying of asphalt pavements. Emily street, Wellington to King streets, cost \$2,983; Lansdown avenue, Queen to Rideau streets, cost \$14,250; Adelaide street, Spadina avenue to Bathurst, cost \$14,952; Oakland avenue, Cottingham street 415 feet north, cost \$2,738; Gould street, Victoria to Mutual streets, cost \$7,340; Wood street, Yonge to Church streets, cost \$5,354. Brick pavement, Gladstone avenue, Queen to Dundas streets, cost \$19,233.—G. W. Gounilock, architect, Temple Building, will shortly call for tenders for erection of the new Gayety Theatre to be erected on Richmond street at a cost of \$150,000.—The same architect will take tenders this week for erection of building corner King and George streets for Sovereign Bank, cost \$40,000.—It is probable that a new Y.M.C.A. building will be erected in this city to take the place of the central branch.—A. M. Orpen intends erecting about 25 houses in the Avenue Road district to cost about \$4,000 each. A. J. Rattray, 18 Toronto street, is architect.—T. A. Lytle Co. intend erecting a four-storey addition to their premises on Adelaide street at a cost of \$50,000.—McCarthy & Co., 208 Queen street east have acquired property adjoining their present premises on which a new building is to be erected.—The Reinhardt Brewing Co. have purchased a lot running from River street to the Don on which to extend their buildings.—The City Architect has issued the following building permits: E. Edwards, pair semi-detached 2½ storey brick dwellings, 100 102 Alexander street, cost \$5,000; F. W. Cox, pair semi-detached 2-storey roughcast dwellings, brick fronts, 812 814 Gerrard street, cost \$4,000; Ed. Lyons, 2-storey and attic brick dwelling, Dovercourt road, cost \$3,000; Lat mere & Armstrong, 2 pair semi-detached 2-storey and attic brick dwellings, 703 to 711 Shaw street, cost \$10,000; S. Alsopp, 2-storey and attic brick dwelling, 391 Givens street, cost \$2,800.

CONTRACTS AWARDED.

TORONTO, ONT.—Contracts for erection of factory building on Defoe street for Chas. Rogers & Sons Co., have been awarded by F. H. Herbert, architect, as follows; Brick work, Claxton & Son; Carpenter work, Hogg & Company.

BELLEVILLE, ONT.—Contracts for erection of Corby Library Building have been awarded by F. H. Herbert, architect, Toronto, as follows; Brickwork, carpenter work and plastering: J. McLeod, Toronto; plumbing and heating: J. Lewis & Company, this city; Painting and glazing, J. Cornelius.

WINNIPEG, MAN.—Galvanized iron and sheet metal work and fireproof windows for new Grain Exchange building and Imperial Bank building; Douglas Bros., this city, successful tenderers.—Architect Bristow has awarded contract for erection of garage to D. D. Wood, this city. Cost \$90,000.

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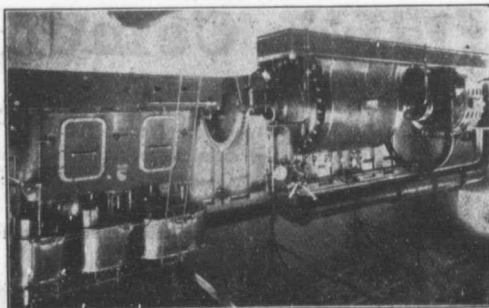
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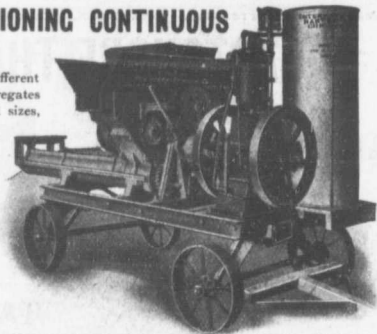
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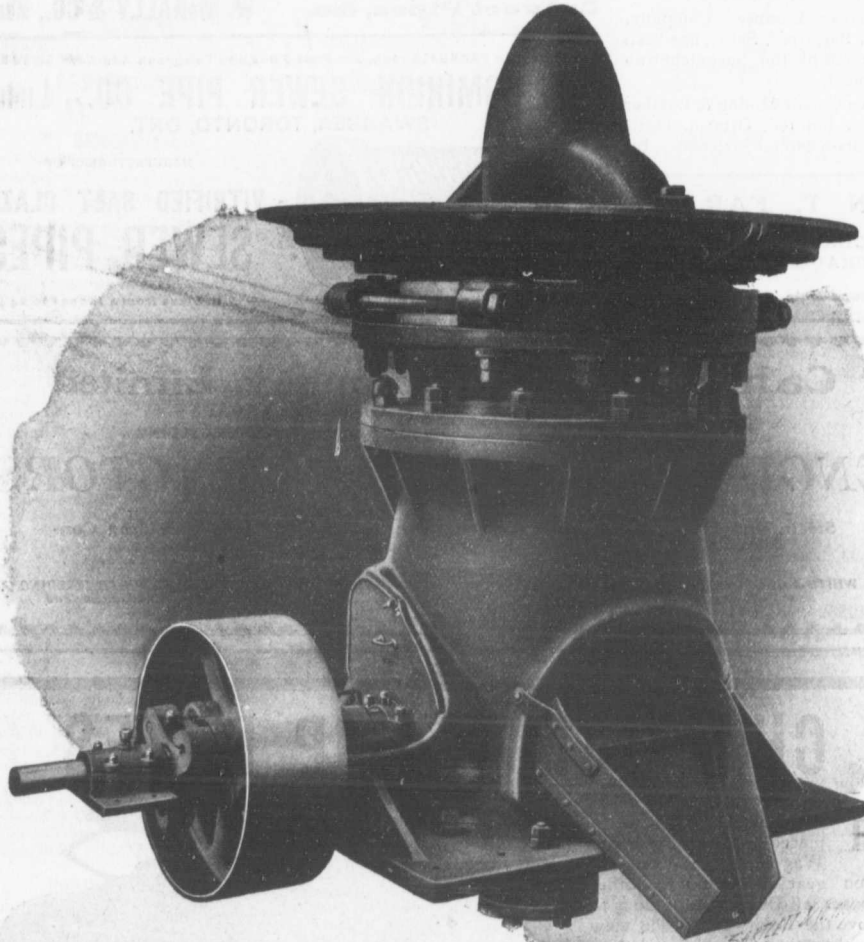
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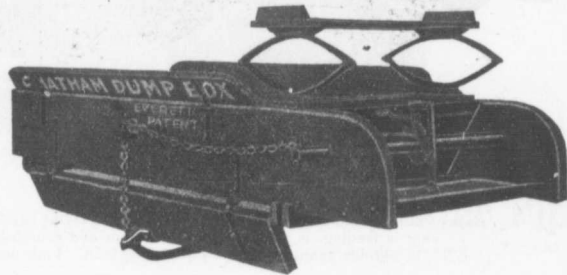
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| McNally & Co., W. .... 12                 | Galt, John. .... 7                                              | <b>ROPE</b>                                       |
| Morrison & Co., T. A. .... 14             |                                                                 | Allan, Whyte & Co. .... 21                        |
| National Portland Cement Co. .... 17      | <b>ENGINES</b>                                                  | Dominion Wire Rope Co. .... 24                    |
| Owen Sound Portland Cement Co. .... 10    | Allis-Chalmers-Bullock. .... 11                                 | Greening Wire Co., B. .... 21                     |
| Ontario Portland Cement Co. .... 14       | Cameron & Co., Hugh. .... 14                                    |                                                   |
| Raven Lake Portland Cement Co. .... 6     | Sawyer & Massey Co. .... 14                                     | <b>STEEL BARS (CORRUGATED)</b>                    |
| Stinson-Reeb Builders' Supply Co. .... 18 |                                                                 | Corrugated Steel Bar Co. of Canada. .... 14       |
| Toronto Pottery Co. .... 22               | <b>ELECTRICAL APPARATUS AND SUPPLIES</b>                        |                                                   |
| Thorn Cement Co. .... 8                   | Allis-Chalmers-Bullock. .... 11                                 | <b>STRUCTURAL IRON AND STEEL</b>                  |
|                                           | Canadian Gen. Elec. Co. .... 23                                 | Baxter, Paterson & Co. .... 9                     |
| <b>CONTRACTORS' SURETY BONDS</b>          | Drummond, McCall & Co. .... 9                                   | Canada Foundry Co. .... 23                        |
| United States Fidelity & Guaranty Co. 21  | Northern Electric & Mfg. Co. .... 9                             | Dominion Bridge Co. .... 15                       |
|                                           |                                                                 | Jenks & Dresser. .... 14                          |
| <b>CONCRETE MIXERS AND MACHINERY</b>      | <b>FIRE BRICKS</b>                                              | Locomotive & Machine Co. .... 15                  |
| Baxter, Paterson & Co. .... 9             | Baxter, Paterson & Co. .... 9                                   | McGregor & McIntyre. .... 7                       |
| Dartnell, E. F. .... 8                    | <b>FIRE APPARATUS</b>                                           | Phoenix Bridge & Iron Works. .... 15              |
| Hopkins & Co., F. H. .... 24              | Cameron & Co., Hugh. .... 14                                    |                                                   |
| Ideal Concrete Machinery Co. .... 17      | Meadows, George B., Toronto Wire, Iron & Brass Works Co. .... 9 | <b>STONE</b>                                      |
| London Concrete Machinery Co. .... 10     | McGregor & McIntyre. .... 7                                     | Crushed Stone, Limited. .... 14                   |
| Mussens Limited. .... 3                   | Seagrave, W. E., Walkerville, Ont. .... 14                      | Doolittle & Wilcox. .... 21                       |
| Morrison & Co., T. A. .... 20             |                                                                 |                                                   |
| Toronto Pressed Steel Co. .... 7          | <b>HOISTING MACHINERY</b>                                       | <b>SHOVELS (STEAM)</b>                            |
| Vining Bros. Mfg. Co. .... 5              | Allis-Chalmers-Bullock. .... 11                                 | Allis-Chalmers-Bullock. .... 11                   |
|                                           | Beatty & Sons, M. .... 22                                       | Beatty & Sons, M. .... 22                         |
| <b>CONTRACTORS' PLANT</b>                 | Canada Foundry Co. .... 23                                      | Canada Foundry Co. .... 23                        |
| Allis-Chalmers-Bullock. .... 11           | Georgain Bay Engineering Works. .... 6                          | Hopkins & Co., F. H. .... 24                      |
| Beatty & Sons, M. .... 22                 | Hood & Sons, Wm. .... 19                                        | Locomotive & Machine Co. .... 15                  |
| Canada Foundry Co. .... 23                | Hopkins & Co., F. H. .... 24                                    | Mussens Limited. .... 3                           |
| Hopkins & Co., F. H. .... 24              | Mussens Limited. .... 3                                         |                                                   |
| Locomotive & Machine Co. .... 15          | Rogers Mfg. Co. .... 20                                         | <b>SEWER PIPE</b>                                 |
| Mussens Limited. .... 3                   |                                                                 | Bremner, Alex. .... 15                            |
| Peat & Sons, James. .... 10               | <b>HYDRANTS</b>                                                 | Canadian Sewer Pipe Co. .... 10                   |
| Toronto Pressed Steel Co. .... 7          | Canada Foundry Co. .... 22                                      | Dominion Sewer Pipe Co. .... 12                   |
| Wallington, G. P. .... 5                  | Canadian Fairbanks Co. .... 20                                  | Toronto Pottery Co. .... 22                       |
|                                           | Canadian Iron & Foundry Co. .... 9                              |                                                   |
| <b>CONCRETE CONSTRUCTION</b>              | Gartshore-Thomson Pipe & Foundry Co. .... 16                    | <b>SHOVELS</b>                                    |
| Ambursen Hydraulic Construction Co. 7     | Kerr Engine Co. .... 8                                          | Canadian Shovel & Tool Co. .... 5                 |
| Baxter, Paterson & Co. .... 10            | McDougall Co., R. .... 21                                       | Hopkins & Co., F. H. .... 24                      |
| Loignon, A. & E. .... 8                   |                                                                 | Mussens Limited. .... 3                           |
| Steel Concrete Co. .... 15                | <b>LOCOMOTIVES AND RAILS</b>                                    |                                                   |
|                                           | Canada Foundry Co. .... 23                                      | <b>TELEPHONE SUPPLIES</b>                         |
| <b>CONTRACTORS' EMPLOYMENT BUREAUS</b>    | Gartshore, John J. .... 19                                      | Northern Electric & Mfg. Co. ....                 |
| North Western Employment Agency. .... 18  | Hopkins & Co. .... 24                                           |                                                   |
| Reliance Labor Exchange. .... 7           | Locomotive & Machine Co. .... 15                                | <b>TANKS AND STAND PIPES</b>                      |
| Zarossi, Banco. .... 15                   | Mussen Limited. .... 3                                          | Canada Foundry Co. .... 23                        |
|                                           | Sessenwein Bros. .... 7                                         | Ontario Wind Engine & Pump Co. .... 18            |
| <b>CORRUGATED IRON</b>                    | <b>PLASTER BOARDS</b>                                           |                                                   |
| Metallic Roofing Co. .... 5               | P. W. St. George. .... 20                                       | <b>VALVES</b>                                     |
| Pedlar People. .... 22                    |                                                                 | Canada Foundry Co. .... 23                        |
| <b>CRUSHERS (STONE AND ROCK)</b>          | <b>PILE DRIVING</b>                                             | Canadian Fairbanks Co. .... 20                    |
| Allis-Chalmers-Bullock. .... 11           | Hood & Sons, Wm. .... 19                                        | Canadian Iron & Foundry Co. .... 9                |
| Beatty & Sons, M. .... 22                 | Russell, John E. .... 19                                        | Gartshore-Thomson Pipe & Foundry Co. .... 9       |
| Canada Foundry Co. .... 23                |                                                                 | Co. .... 9                                        |
| Dartnell, E. F. .... 8                    | <b>PAVING AND PAVING MATERIALS</b>                              | Kerr Engine Co. .... 8                            |
| Hopkins & Co., F. H. .... 24              | Baxter, Paterson & Co. .... 9                                   | McDougall Co., R. .... 21                         |
| Mussens Limited. .... 3                   | Brunet, Joseph. .... 15                                         |                                                   |
| Morrison & Co., T. A. .... 20             | Forest City Paving Co. .... 18                                  |                                                   |
| Sawyer & Massey Co. .... 14               | Ontario Asphalt Block Co. .... 18                               |                                                   |
|                                           | Silica Barytic Stone Co. of Ontario. .... 15                    |                                                   |

corporators, H. H. Lang, A. A. Taillon, J. U. Vincent, J. A. Corry and G. P. Brophy, all of Ottawa, Ont.

The Great Northern Oil Company, Limited, Sault Ste. Marie, Ont., incorporated, capital \$500,000. Directors, B. W. Harris, R. H. Karney, and others.

Wane Cobalt Silver Mining Company, Limited, Windsor, Ont., incorporated, capital \$50,000. Directors, A. Green, J. W. Kay, and others.

Cobalt & Blanche River Silver Mining Company, Limited, Ottawa, Ont., incorporated, capital \$500,000. Directors, J. Connelly, J. O'Sullivan, and others.

Dominion Smelters, Limited, Sault Ste. Marie, Ont., incorporated, capital \$1,000,000. Directors, H. H. Muggley, W. L. Peters and others.

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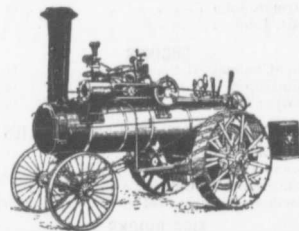
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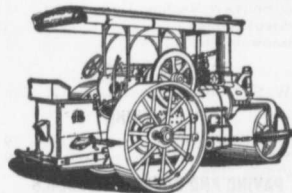
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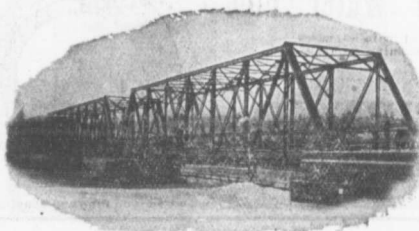
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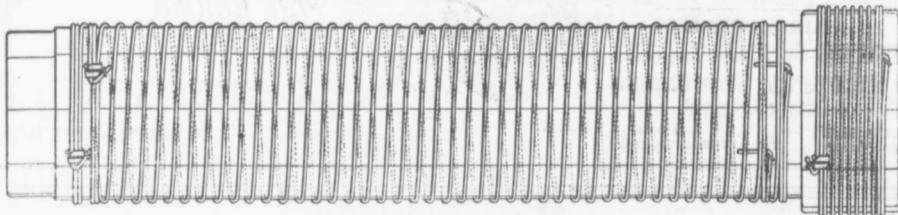
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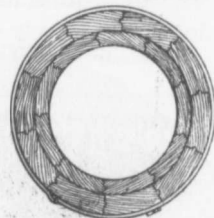
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| 1903  | 20                  | O.K.                     | 3.135            | 2.1                              | 162                     | 345   | 307                                         | 701     | 783      | 827    | *     | 74                     | 214     | 299      | 367    | *     |
| 1904  | 44                  | O.K.                     | 3.150            | 2.0                              | 132                     | 342   | 300                                         | 744     | 848      | 914    | 938   | 86                     | 262     | 354      | 401    | 427   |

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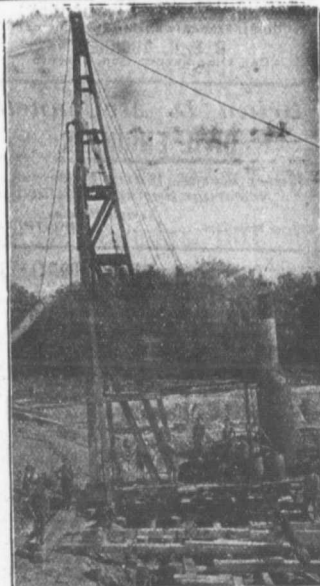
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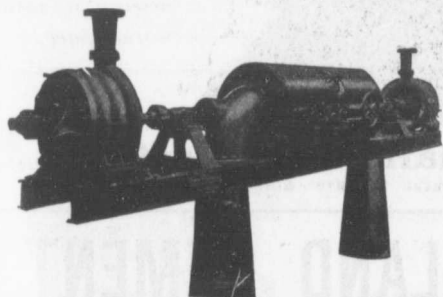
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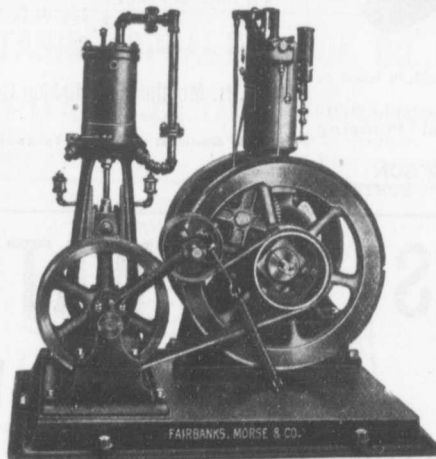
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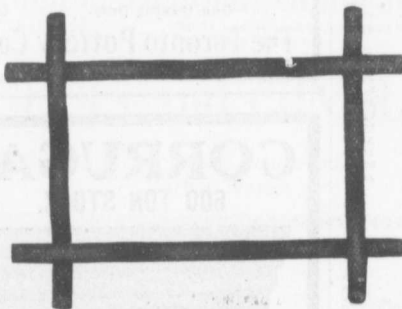
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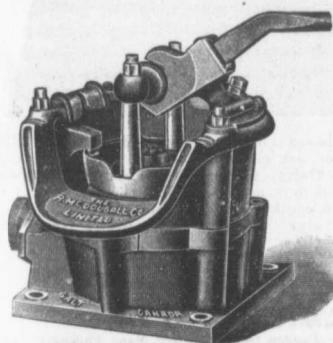
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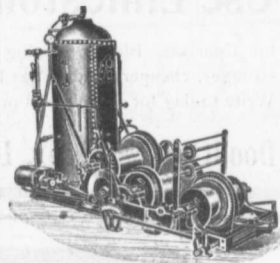
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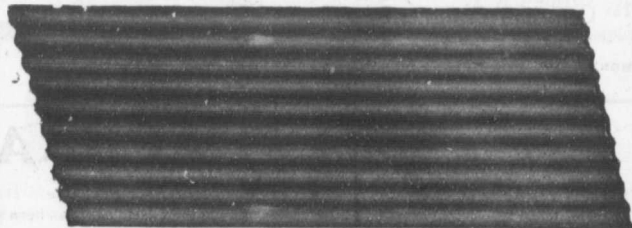
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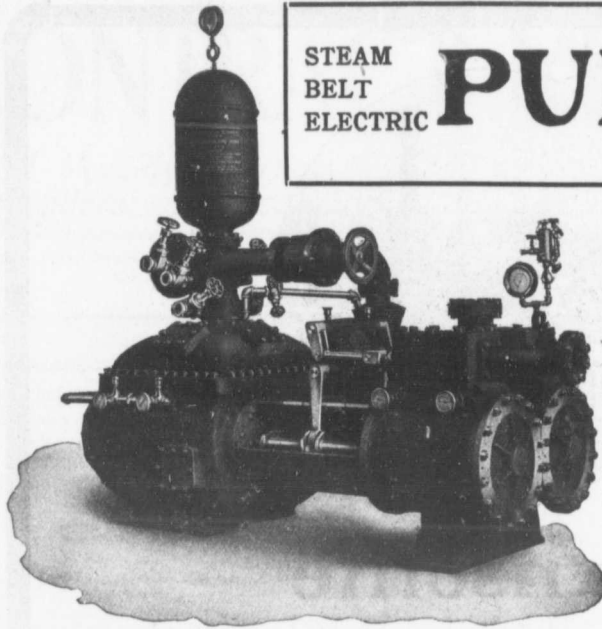
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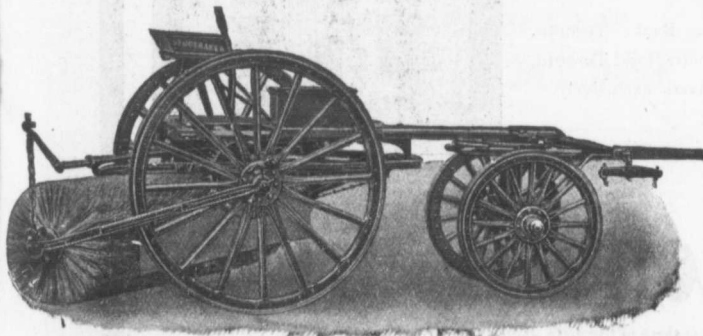
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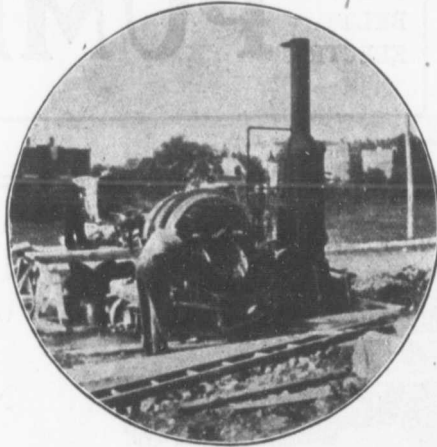
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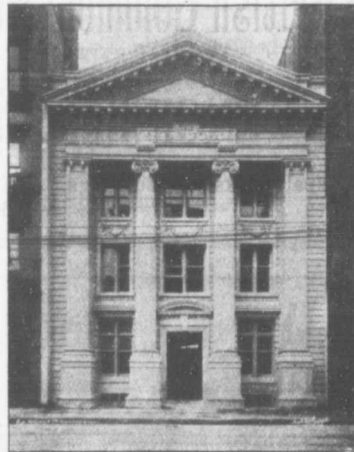
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