

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF
PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

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. 13 APRIL 2, 1902 No. 9

THE CANADIAN CONTRACT RECORD,
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the "Canadian Architect and Builder."
G. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO
Telephone 2362.
Branch Office:
Imperial Building, Montreal,
Telephone Main 5592.

TENDERS WANTED.

Whole or separate tenders will be received by the undersigned up to noon of **MONDAY, APRIL 14th**, for the erection of a Brick Sunday-School House for St. James Church Vestry, Orillia. Plans may be seen at the office of W. H. Croker, Esq., Architect, Orillia.
The lowest or any tender not necessarily accepted.

W. B. TISDALE,
Chairman of Committee.
Orillia, March 31, 1902.

To Architects

Competitive designs will be received by the undersigned up till **MAY 15th, 1902**, for a Public Library Building for the City of St. Catharines. Further information may be procured by applying to
JNO. S. McCLELLAND,
City Clerk,
St. Catharines, 25th March, 1902.

To Contractors

Tenders will be received at the office of the undersigned until noon on **WEDNESDAY, APRIL 3th**, for the erection of Four Houses in Winchester Street for Mr. Jas. L. Morrison. The lowest or any tender not necessarily accepted.
SYMONS & RAE, Architects,
15 Toronto Street, Toronto.



Notice to Contractors

TENDERS FOR CONSTRUCTION OF CRIBWORK.

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, April 15th, 1902**, for the construction of 300 feet of Crib Work at the foot of Bay Street.
Contents of envelopes containing tenders must be plainly marked on the outside.
Specifications and form of tender may be seen and form of tender obtained at the office of the City Engineer.
Tenders must comply with the provisions of the City By-laws pertaining to tendering, or the tenders will not be entertained.
The lowest or any tender not necessarily accepted.

O. A. HOWLAND (Mayor),
Chairman of Board of Control,
City Hall, Toronto, March 24th, 1902.

TENDERS

Will be received by the undersigned up to 5 p.m. **APRIL 10th** for all the trades required in the erection of a Residence for Albert S. Rogers, Esq., Rosedale, Toronto. Plans and specifications may be seen at the office of A. R. Denton, Architect. The lowest or any tender not necessarily accepted.

NEWCASTLE, N. B. WATERWORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Town Clerk until 6 p.m. on **THURSDAY, THE SEVENTEENTH DAY OF APRIL, 1902**, for the following works:

Contract "A"—Labor for laying about 24,000 feet of water mains, also labor and materials for certain sewers.

Contract "D"—Cast Iron Pipes and Special Castings, about 450 tons.

Contract "E"—54 Fire Hydrants and 60 Gate Valves.

Plans and specifications will not be sent to prospective bidders, but they may be seen at the Town Clerk's Office, Newcastle, or at the office of the Chief Engineer, Toronto.
No tender necessarily accepted.
For further information apply to the Engineer or the Town Clerk.

WILLIS CHIPMAN, Chief Engineer,
103 Bay Street, Toronto, Ont.
R. T. D. AITKEN, Town Clerk,
Newcastle, N. B.



NOTICE TO CONTRACTORS.

Purchase of Old Boilers at the Main Pumping Station.

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, April 15, 1902**, for the purchase of the eight boilers at the Main Pumping Station.
Forms of tenders and conditions may be obtained at the office of the City Engineer.
Contents of envelopes containing tenders must be plainly marked on the outside.
Tenders must bear the bona fide signatures of the purchaser, or they will be ruled out as informal.
Lowest or any tender not necessarily accepted.

O. A. HOWLAND (Mayor),
Chairman of Board of Control,
City Hall, Toronto, March 24th, 1902.

WANTED

Junior Assistant (Improver.) Apply between 4 and 6 p.m. at offices of
GOINLOCK & BAKER, Architects,
714 Temple Building, Toronto.



Notice to Contractors.

Tenders for the Supply of Steam Pipes

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, April 15th, 1902**, for the supply of 230 feet of 10-inch Steam Pipe.
Contents of envelopes containing tenders must be plainly marked on the outside.
Specifications and forms of tender may be seen and forms of tender obtained at the office of the City Engineer.
Tenders must comply with the provisions of city by-laws pertaining to tendering, or the tenders will not be entertained. Lowest or any tender not necessarily accepted.

O. A. HOWLAND (Mayor),
Chairman of Board of Control,
City Hall, Toronto, March 24th, 1902.



Notice to Contractors

TENDERS FOR NEW BOILERS AT THE MAIN PUMPING STATION.

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, APRIL 15th, 1902**, for the construction and erection of new boilers in place of the old ones now being removed from the old boiler room of the main pumping station.
Contents of envelopes containing tenders must be plainly marked on the outside.
Specifications and forms of tender may be seen and forms of tender obtained at the office of the City Engineer.
Parties tendering will be required to furnish complete plans and specifications, and a deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2 1/2 per cent on the value of the work tendered for, must accompany each tender, otherwise they will not be entertained.
Tenders must bear the bona fide signatures of the contractor and his sureties, or they will be ruled out as informal.
The lowest or any tender not necessarily accepted.

O. A. HOWLAND (Mayor),
Chairman Board of Control,
City Hall, Toronto, March 24th, 1902.

TO ARCHITECTS

The County of Bruce General Hospital Trust invite Architects to submit plans for the erection of a

BRICK HOSPITAL

at Walkerton, said Hospital to contain 8 private wards and two public wards containing 6 beds each. The cost of building, including Hot Water Heating and Plumbing, not to exceed \$7,500. Brick at Walkerton can be procured for \$6 per thousand and stone for \$5 per cord.

Plans are to be in the secretary's hands by the 17th APRIL NEXT. Architects are to state commission expected if their plans are accepted. The architect whose plans are accepted will be engaged as architect of the building. Plans to be prepared with a view to subsequent additions to the building.

D. MACGILLIVRAY, Secretary,
Walkerton, Ont.

CONTRACTS OPEN.

HARROW, ONT.—A residence will be built by Arthur Agla.

KASLO, B. C.—The Roman Catholics will build a church to cost \$3,000.

STRATFORD, ONT.—The G. T. R. will build a new freight shed here.

WINDSOR, ONT.—J. G. Watson will build a brick veneer residence.

SYDNEY MINES, N. S.—The Bank of Nova Scotia will erect a bank building.

WOODVILLE, ONT.—Hugh Wilson, of Cannington, will build a residence here.

ARNPRIOR, ONT.—Tenders will shortly be invited for new Baptist church.

MCGREGOR, MAN.—A by-law to raise \$5,000 for school purposes was defeated.

RAT PORTAGE, ONT.—J. C. Brady is having plans prepared for a new hotel.

ST. CATHARINES, ONT.—Tenders close 6 p. m. to-day, Wednesday, for concrete sidewalks.

PORT ARTHUR, ONT.—Mr. Wickham, architect, is preparing plans for several dwellings.

NORTH SYDNEY, N. S.—Plans are being prepared for addition to St. John's Episcopal church.

BRANTFORD, ONT.—Platt & Letchworth have decided to build a factory addition of 100 ft.

TRURO, N. S.—Bids are asked by H. MacKenzie, municipal clerk, up to 5th inst. for loan of \$6,000.

THOROLD, ONT.—W. T. Fish, town clerk, wants bids by April 15th for purchase of \$5,000 debentures.

FREDERICTON, N. B.—The Fraser Electric Light Co. has been incorporated, to generate electricity.

BELLEVILLE, ONT.—H. Corby will spend about \$10,000 in fitting up the Patterson building for new offices.

VICTORIA HARBOR, ONT.—The office and boarding house of the Victoria Harbor Lumber Co. will be rebuilt.

REVELSTOKE, B. C.—An addition to the C. P. R. workshops will be built and an electric light plant installed.

REGINA, N. W. T.—A by-law was carried recently to raise \$10,000 by debentures for street improvements.

WALKERTON, ONT.—A by-law will be voted on April 25th to grant \$2,000 towards proposed county of Bruce hospital.

ORILLIA, ONT.—Tenders will be taken at once for St. James Sunday school; plans by W. H. Croker, architect.

MOOREFIELD, ONT.—Edward Dynes, clerk Myrborough township, has been instructed to obtain tenders for new steel bridges at Hollin and on 20th concession.

GLASSVILLE, N. B.—Robert Hanington may build a new saw mill.—The Episcopalians have decided to build a new church.

TAMWORTH, ONT.—E. M. Storey, architect, of Kingston, is preparing plans for three new stores to be built by D. E. Rose.

WOLFVILLE, N. S.—Tenders for painting Acadia Seminary, 30,000 square feet surface, are wanted by A. Cohoon by 15th inst.

GALT, ONT.—Tenders close 15th inst. at office of F. W. Mellish, architect, for addition and alterations to I. O. F. hall at Morriston.

SHERBROOKE, QUE.—The bill providing for the building of a court house here has been adopted by the Provincial Legislature.

CORNWALL, ONT.—Tenders for lighting the town for five and ten years are invited by George S. Jarvis, town clerk, up to 5th inst.

BROCKVILLE, ONT.—B. Dillon, architect, is this week taking tenders for brick residence on Perth street for William Kyle.

OSHAWA, ONT.—The town council has withdrawn the \$150,000 waterworks by-law which was to have been voted upon March 29th.

DE LORIMER, QUE.—The boot and shoe factory to be built by the McCready Mfg. Co. will be pressed brick, cost \$75,000.

CARP, ONT.—G. N. Kidd, M. P. P. intends building three dwellings.—Mr. Moses, of Kemptonville, is building saw mill and tub factory here.

TORONTO JUNCTION, ONT.—The Dominion Public Works Department will call for tenders immediately for construction of post-office here.

PETROLIA, ONT.—Tenders are asked by William English up to 10th inst. for brick buildings for Milner Petrolia Wagon Co.; plans by Newman Bros., architects, Windsor.

NEWCASTLE, N. B.—Tenders are invited up to Thursday, 10th inst., for supply of pipes and construction of waterworks and sewerage systems, from plans by Willis Chipman, C. E., Toronto.

VIRDEN, MAN.—A. P. Power, on behalf of municipality of Pipestone, invites bids up to April 16th for construction of steel bridge across the Pipestone creek; 80 ft. span, 16 ft. wide.

ST. THOMAS, ONT.—James A. Bell, C. E., is surveying for the extension of the electric railway from St. Thomas to Port Stanley.—Improvements to Alma College this summer are contemplated.

HALIFAX, N. S.—Incorporation is being sought by the Valley Railway Co. to build a railway from Middleton to Windsor, with branches; capital \$500,000. H. J. Crowe, of this city, is one of the promoters.

GUELPH, ONT.—T. H. Jones, C. E. of Brantford, has been engaged as consulting engineer for proposed sewerage system.—The Bell Organ & Piano Co. are considering an extension to factory.

COLLINGWOOD, ONT.—A few changes are being made by William and Walter Stewart, architects, of Hamilton, in the plans for the new library building to be built here, after which tenders will be invited.

BERLIN, ONT.—Hon. Mr. Harcourt, Minister of Education, states that in all probability a building to cost \$15,000 will be erected in this town, to be devoted to manual training and domestic science.

FORT WILLIAM, ONT.—In connection with the work here to be done by the C. P. R., it is said that 10,000 forty

foot piles will be required, and that the machinery for handling the coal on the new dock will cost \$300,000.

HULL, QUE.—Voting takes place on April 7th on by-laws to issue debentures for \$30,000 and \$72,000.—The School Commissioners will select a site in the Little Farm district on which to build a school to cost about \$3,000.

ST. JOHN, N. B.—The city engineer has reported that an expenditure of \$21,000 would be required to increase the water power at Silver Falls and \$50,000 to increase the storage capacity at Little River.

NAPANEE, ONT.—Tenders close April 21st for corporation supplies, including nails, flat stones, portland cement, vitrified brick, sand, stone, sewer pipe, etc.—R. J. Wales will erect a brick or stone building, two storeys, 40x70 feet.

SAULT STE MARIE, ONT.—Plans are being prepared for a palatial residence to be built by F. H. Clergue.—The Algoma Central Railroad Company's new station will cost \$60,000.—H. R. Halton, architect, is preparing plans for brick residence for Francis McNab.

VICTORIA, B. C.—The city council took up the Point Ellice bridge question at last meeting and decided to engage Theodore Cooper, of New York, to prepare plans for a steel and concrete structure. The cost will be about \$100,000.—It is expected that the C. P. N. Co. will shortly call for tenders for construction of a screw steamer.

WIARTON, ONT.—J. C. Forster, architect, Owen Sound, has prepared plans for pressed brick residence to be built here by D. Hueher.—The contract for new Presbyterian manse is still open.—The survey of the Manitoulin and North Shore Railway between here and Tobermory has been completed.

QUEBEC, QUE.—The North Shore Power, Railway & Navigation Co., in which Thos. Meaney, of Toronto, and James and George Clarke, of New York, are interested, will commence work at Seven Islands on the opening of navigation. There will be constructed a large pulp mill, wharves, docks, railway, etc.

PEMBROKE, ONT.—A by-law will be submitted to the ratepayers to raise \$10,500 for macadam roadways and \$1,000 for purchase of road machinery. Granolithic sidewalks will be built this year under the direction of J. L. Morris, C. E.—Tenders will be invited immediately for retaining wall, to be built of masonry laid in cement, on pile foundation.

AMHERST, N. S.—John Galt, C. E. and M. E., of Toronto, has been appointed chief engineer to prepare plans for a complete system of sewerage for this town. Tenders will be called for during April.—D. J. McLrod, clerk Cumberland county, asks tenders up to 7th April for erection of stone and brick jail building.—Mr. Briham purposes building a warehouse.

VANCOUVER, B. C.—Thomas Dunn, G. I. Wilson, and Frederick Buscombe will build a large brick and stone block on Cordova street.—J. S. Woods is arranging for building a three storey block, corner Carroll and Hastings streets.—J. Bunten, manager of the Vancouver Power Co., states that work will be commenced next month on the construction of the transmission plant. A feature of the work will be the building of a two-mile tunnel to connect two lakes.—The city will apply to the legislature for authority to grant \$50,000 to the Vancouver Hospital Corporation to assist in building a new hospital to cost \$80,000.

HAMILTON, ONT.—W. A. Edwards has been granted a permit for addition to B. Greening Wire Cos. premises, to cost

\$4,000.—Extensive improvements are to be made to the Hamilton stock yards, including the building of cattle and horse sheds and an amphitheatre for conducting auction sales.—A building permit has granted to Stewart McPhie, architect, for brick addition to M. Brennan & Son's factory, King William street, cost \$2,500.—It has been decided to enlarge the Sunday School building at St. George's Church.

SYDNEY, N.S.—It is proposed to spend \$75,000 this year on street improvements.—The site for proposed Marconi telegraph station has been surveyed by Mr. Odell, C. E. There will be four towers of corrugated steel.—New York capitalists, represented by L. A. Petrie, Glace Bay, intend erecting a large summer hotel on Raggeom Island.—Tenders are asked by T. McLeod up to 5th inst., for laying cast iron water mains as follows: 6,500 feet 24-inch pipe, 5,200 feet 20-inch, 1,400 feet 18-inch, 1,790 ft. 16-inch, 2,170 feet 12-inch, 2,110 feet 10-inch. Cheque for \$1,000 to accompany tender.—F. A. Crowell will build a residence this summer.

WINNIPEG, MAN.—The Canada Life Assurance Co. have purchased property immediately to the south of their building and will remodel the front and add two storeys, the plans for which have been prepared by Darling & Pearson, architects, Toronto.—Porter & Co. will erect a five storey building on Main street.—Z. Malhoit, C. E., of the Dominion Public Works Department, has been making surveys for a new bridge at St. Jean.—Walter Chesterton, architect, has prepared plans for addition to Havergal Ladies' College, 40 x 80 feet, two storeys and basement. Same architect is preparing plans for addition to residence of H. M. Howell on Carleton street and an observatory for F. W. Stobart.—Ross Sutherland has purchased the old A. W. Ross residence on Roslyn road and will make extensive improvements.

OTTAWA, ONT.—Ald. James Davidson has decided to rebuild the Cecil Hotel. Plans for same are being prepared by Mr. Pointer, architect, of Detroit; there will be 150 rooms.—Arrangements have been made for the acceptance of the contribution of \$100,000 by Andrew Carnegie for erection of library building in this city.—Eugene Larose, architect, has prepared plans for a residence to be built by P. A. C. Larose, barrister, of L'Original, and for the new Charlebois block on Dalhousie street.—Tenders are invited by F. Gelinias, Secretary Department of Public Works, up to April 11th, for extension of breakwater at Parker's Cove, N.S.—A civic deputation will ask the Government to construct a bridge across the Rideau canal at Concession street; estimated cost, \$12,500.—Tenders are asked by the Department of Public Works up to the 19th inst. for erection of courthouse at Yorkton, N.W.T.

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

MONTREAL, QUE.—The trustees of the Olivet Baptist church will build on the corner of Dorchester and Guy street. Plans are being prepared by David Brown, architect.—Messrs. Vautelet and Goldmark are preparing plans for the new C. P. R. shops at Hochelago.—It is understood that estimates are being submitted by prominent contractors for the large elevators to be erected by the C. P. R. at Fort William, and that there is a

probability that they will be built of wood, owing to the difficulty of obtaining the necessary steel.—Eric Mann, architect, has just taken tenders on additions and alterations to building of the B'Nai Jacob congregation, Cadieux street.—It is understood that the building inspector is preparing a report which will show the necessity of making improvements to the Bousecours and St. Lawrence markets and No. 4 fire station.—Tenders will be

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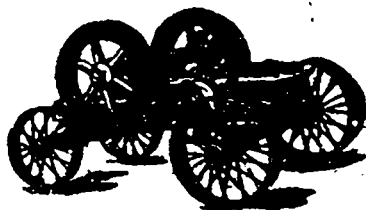
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MUNICIPAL DEBENTURES BOUGHT

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invited within a few days for the new 5,000,000 gallon electric pump for the high level reservoir.

TORONTO, ONT.—Plans of water-works and sewerage systems to be constructed at Newcastle, N. B., are on view at office of Willis Chipman, the consulting engineer, 103 Bay street, this city.—J. W. Payne, of Hall & Payne, barristers, will build a pair of residences on Tranby avenue.—Tenders are wanted at 1437 Queen street east for erection of building.—James Ross, of Montreal, and William MacKenzie, H. M. Pellatt, Frederic Nicholls and S. G. Beatty, of this city, are seeking incorporation under the name of the Canadian Power Co., the object being to generate electric power at Niagara Falls and transmit it to Toronto and other points.—C. F. Wagner, architect, 18 Toronto street, wants tenders by 5th inst. for erection of brick residence on Bathurst street.—It is rumored that the Canadian Pacific Railway Co. have in view the erection of a large hotel in this city.—The Board of Control is asking for tenders up to 15th inst. for the following: Supply of 240 feet 10-inch steel pipe; construction of new boilers at main pumping station; construction of 300 feet of cribwork at foot of Bay street.—

Tenders will be invited shortly for an asphalt pavement on Morris street.—Ratepayers on both sides of Spadina avenue, from College to Queen street, have petitioned for an asphalt pavement, also the ratepayers on Church street, from Queen to Bloor. The latter will cost about \$80,000.—The city engineer has recommended the construction of the following works: Concrete sidewalks—Gwynne avenue, west side, King to Queen street, \$1,549; Park road, both sides, Crescent road to South Drive, \$973; Ontario street, east side, Wilton avenue to Gerrard street, \$1,426; Wellesley street, north side, from No. 444 to a point 124 feet east of Parkview avenue, \$201; Sydenham street, north side, Berkeley to Parliament, \$511; Jameson avenue, west side, King street to railway tracks, \$988; Parliament street, east side, Wilton avenue to Oxford street, \$342; Cowan avenue, east side, King to Queen street, \$928; Gwynne street, east side, King to Queen, \$1,548; Parliament street, west side, from first lane north of Wilton avenue to Carlton street, \$1,432; Winchester street, north side, Rose avenue to Parliament street, \$259; Dovercourt road, west side, McKenzie crescent to Dundas street, \$795; Dunn avenue,

east side, King to G. T. R. tracks, \$2,304; Dunn avenue, west side, King street to G. T. R. tracks, \$2,283; brick pavement, Westmoreland avenue, from Bloor street to Van Horne street, \$22,965; brick pavement, Orde street, from Murray street to McCaul street, \$3,290; macadam roadway, Grange avenue, Beverley street to Huron street, \$1,380; asphalt pavement, Morris street, from Huron to Spadina avenue, \$4,075; cedar block pavement, Stafford street, from Wellington avenue to Cliff street, cost \$5,200.—Darling & Pearson, architects, have prepared plans for extensive alterations and additions to building in Winnipeg for the Canada Life Assurance Co.—S. H. Davis, architect, 61 Victoria street, is taking tenders from all trades up to noon to-day (Wednesday).—C. F. Wagner wants tenders by 5 p. m. of Friday next for residence on Balsam avenue.—Vestry meetings of the various Anglican churches were held on Monday last. It was decided to raise \$8,000 for extension of St. Mary Magdalene's church, to enlarge St. Stephen's church, and to increase the accommodation and install a new pipe organ at St. Paul's church. —Building permits have been granted

(Continued on page 3.)

DEBENTURES

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

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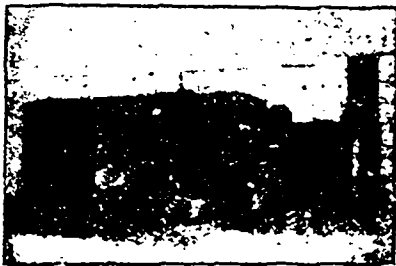
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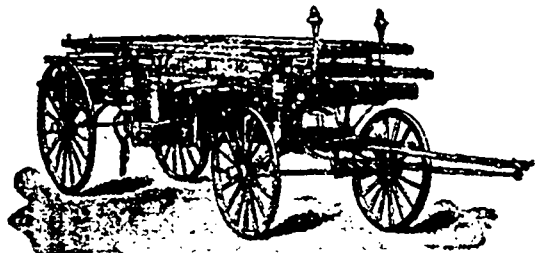
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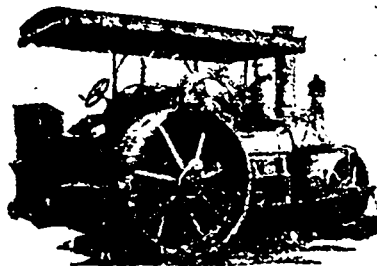
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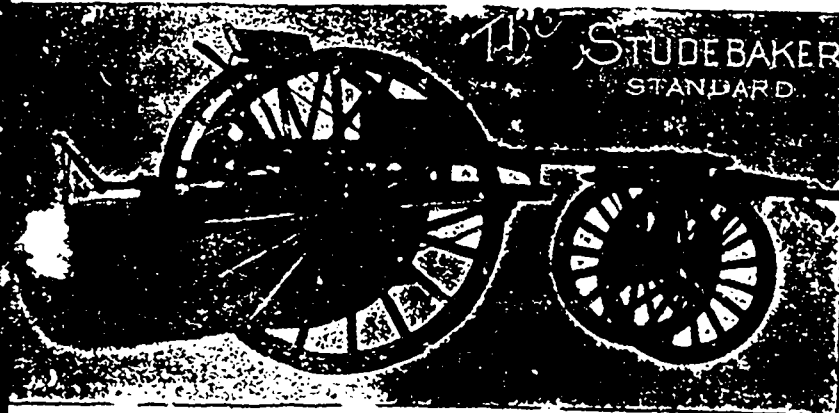
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Studebaker Sprinkler

(PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray
Can be started from driver's seat in any volume.
We also make an

IMPROVED VERTICAL SPRAY

for Pavements

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as follows: W. J. Bracey, two storey detached dwelling, Victoria avenue, near Howland road, cost \$1,000; William Murray, two pairs semi-detached two-storey brick dwellings, e. side Huron street, near Bernard avenue, cost \$12,000; T. Crowley, pair semi detached two-storey brick and rough-cast dwellings, 84 and 86 Claremont street, cost \$2,000 (J. B. Watson, builder); D. B. Kissock, two-storey and attic detached brick dwelling; 478 Ontario street, cost \$2,000 (Thomas Self & Bros., builders); George Richardson, two-storey brick-fronted dwelling, e. side Shaw street, near College, cost \$1,300; J. Murton, pair semi-detached two-storey brick dwellings corner Brock avenue and Moutray street, cost \$3,600 (N. H. Bradley, architect, Scott & Hicks, builders); J. S. May, brick residence; 81 Delaware avenue, cost \$3,500; T. G. Sisterson, residence, 3 Simpson avenue, cost \$1,400; Dr. Harrington, brick residence, Bathurst street, near Bloor, cost \$7,500; Delaney & Petit, two story brick factory, Jefferson avenue, cost \$7,000; Mrs. Ida Thompson, residence on Crescent road, cost \$3,500.

CONTRACTS AWARDED.

VERNON, B. C.—Provincial jail: T. E. Crowell, contractor; brick two storeys, cost \$14,000.

HAMILTON, ONT.—The Cayuga Lake Cement Co. has been finally given the contract for supply of cement for the city.

SAULT STE. MARIE, ONT.—Residence for Mr. Sheppard: Masonry, K. Wright; carpentry, McCarthy & McPhail.

GRAND VALLEY, ONT.—Tower and additions to St. Alban's church: William Taylor, contractor; George Gray, Harrison, architect.

NORTH SYDNEY, N.S.—Departmental store for Vooght Bros.: Rhodes, Curry & Co., contractors; price about \$80,000.—Bank of Nova Scotia building, same contractors.

LONDON, ONT.—Concrete and steel bridge at Claudeboye: Superstructure, Strainford Bridge Co., \$1,585; substructure, Ponsford Bros., St. Thomas, \$1,083.

CHATHAM, ONT.—Block for McKeough Estate: Masonry, Blight & Fielder; carpentry, Robertson & McKie; heating and plumbing, Westman Bros.; painting, W. Palmer.

OTTAWA, ONT.—Observatory at Experimental Park: Viau & Lachance, contractors.—Elevators and dumb waiters for contagious diseases' hospital: Leitch & Turbull, Hamilton, successful tenderers.

ST. JOHN, N. B.—Tenders for municipal supplies have been accepted as follows: Granite curbing, F. E. Walton, 40 cents per lineal foot; 600 barrels of tar, Carrite, Patterson & Co., \$2.95 per bbl. Schofield & Co. and the Carrite, Patterson Co. each offered to supply 300 barrels of asphalt at \$4.75 a barrel.

(Continued on page 8.)

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"GERMANIA" BRAND HIGHEST CLASS PORTLAND CEMENT

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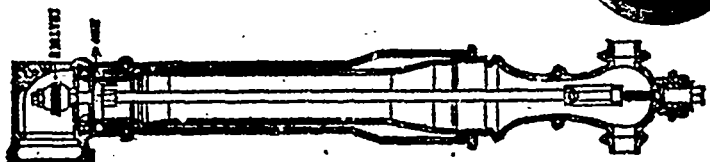
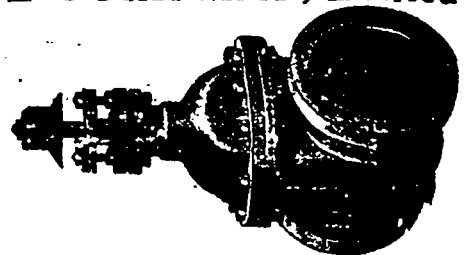
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AND
WATER PIPES.
INVERTS
for Brick Sewers**
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TORONTO
ONT.

MONTREAL, QUE.—H. C. Stone, architect, has awarded the following contracts: Belding, Paul & Co., warehouse, \$34,000, Peter Lyall & Son, masonry; Jas. Shearer & Co., carpentry. R. & W. Kerr, extension, 2226 St. Catherine st., cost \$2,400, H. Forgue, contractor. Alterations to house on Stanley street, for Wm. M. Birks: Geo. Nicholson, masonry; D. H. Scott, carpentry.

WINNIPEG, MAN.—C. P. R. branch from Moosomin through the Qu'Appelle Valley: James Welch, contractor.—Residential block for Lord Strathcona: Philip Burnett, contractor. Building will cost over \$150,000.—Addition to St. Boniface College: P. Burnett and James McDiarmid, contractors; cost about \$25,000.—Addition to Mr. Ashdown's warehouse: Mr. Ritchie, contractor.—New St. Stephen's church: Masonry, Saul & Irish; carpentry, Mr. Simpson; estimated cost \$60,000.

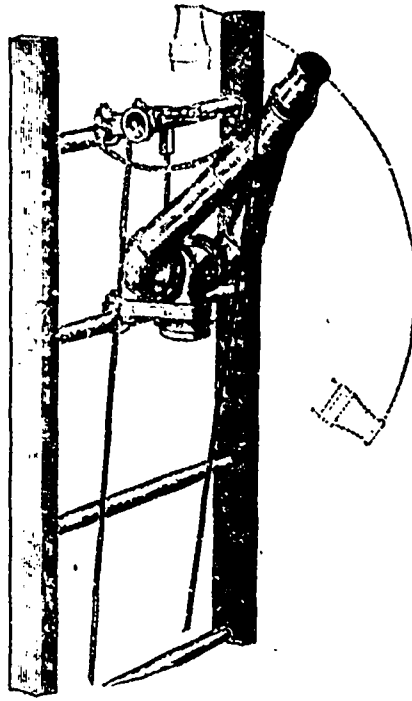
TORONTO, ONT.—Dairy building on exhibition grounds: Cement Block Machine Co., contractors for entire building, excepting electrical wiring, given to Gee Electrical Engineering Co.—Excavation for new University Science building: John Aldridge, successful tenderer at \$2,900.—F. F. Saunders, architect, 18 Toronto street, has let the masonry contract of a residence on Gore Vale avenue, near Queen street, to McGowan & Wills; tenders taken on other trades, but contracts not let.—Owen & Preston have secured the contract for plumbing and gas fitting of residence, 18 St. Vincent street, for J. J. Kelso.—The Property Committee of the Public School Board have recommended the acceptance of the following tenders for completion of Bathurst street school: Masonry, Holtby Bros.; carpentry, George Henry & Son; painting, James Phinnemore; plastering, E. Warren, plumbing, James Sheelock; tinsmithing, G. M. Bryan; heating and ventilation, W. Mashiner & Co.; iron fences, Shipway Iron & Bell Co.—In the list of accepted tenders for concrete sidewalks published in last issue the name of A. Gardner & Co. was omitted. This firm secured the contract for King street, south side, from Dufferin street to Dowling avenue, at 72 cents per foot.

THE HART LADDER PIPE.

Municipal officials will be interested in the illustration on this page of the Hart Ladder Pipe, for application to extension ladders. By means of the attachments shown, the extension ladder may be used as a water tower. A large nozzle with Siamese attachments, and pivoted on well adjusted bearings, which permit of the stream being directed upwards or downwards, is attached to the upper part of the ladder, and of course a line of hose is connected with it. At any time it is found necessary to use a heavy stream, all that is required is to attach an engine or two to the hose and a stream quite as powerful and dirigible as that of the water tower is available. The stream is controlled from the ground by guide lines attached to the nozzle, just as are the streams of the water tower.

The attachments were tested on the Champ de Mars building in Montreal recently before Mr. Benoit, Chief of the Fire Department, and the members of the Fire Committee, and were found to give excellent satisfaction, the stream being quite as powerful and controllable as the water tower streams. In raising or lowering the pipe tip, not a single pound of dead weight in hose and water is lifted, as the pipe works on swivels, independent of the hose connection on the pipe frame, which is permanently attached to two

rungs on the underside of the ladder, so that the pipe does not interfere with the men in ascending or descending.



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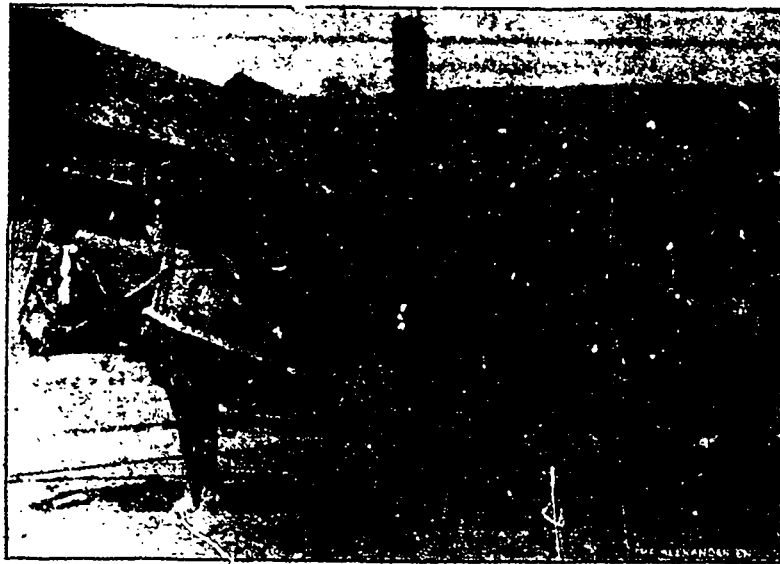
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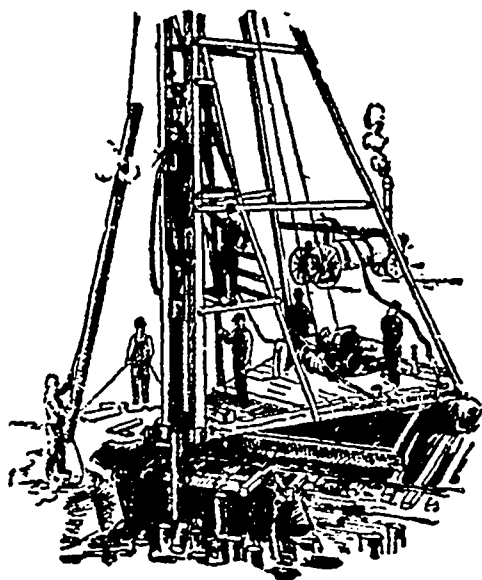


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Prices of Building Materials.

PRESSED BRICK, Per M.

Table with columns for MILTON PRESSED BRICK AND SEWER PIPE CO., F.O.B., and prices for various brick types like Red No. 1, Buff No. 1, etc.

Table for DON VALLEY PRESSED BRICK WORKS, listing prices for various brick types and sizes.

Table for TORONTO PRESSED BRICK AND TERRA COTTA WORKS, listing prices for various brick and tile products.

Table for BEANVILLE BRICK AND TERRA COTTA CO., listing prices for various brick types.

Main index table listing various categories such as Architects, Contractors' Plant and Machinery, Mantels, Grates, and Refractories, with sub-entries and page numbers.

Table for BEAMVILLE, Montreal, listing prices for various types of bricks and tiles.

Table for STONE, listing prices for various types of stone like Common Rubble, Granite, etc.

Table for F.O.B. Halifax, listing prices for various stone products.

Table for CREDIT VALLEY STONE, listing prices for various stone types.

Table for SLATE, listing prices for various types of slate.

Table for CEMENT, LIME, etc., listing prices for various cement and lime products.

ARCHITECTURAL VARNISHES.

Table for ARCHITECTURAL VARNISHES, listing prices for various types of varnishes.