

# CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL  
OF THE BUILDING INDUSTRY

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.*

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FEBRUARY 19, 1902

No. 3

**THE CANADIAN CONTRACT RECORD,**  
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## TENDERS WANTED.

Sealed tenders addressed to either of the undersigned (with whom plans and specifications can be seen) will be received until noon on **MARCH 17, 1902**, for the erection of two Steel Bridges, to be built over the River Thames. One near the Muncey Station M. C. R., between townships of Carleton Place and Delaware, consisting of two spans each 125 feet C to C, and two spans each 60 feet C to C, 16 foot roadway; the other about 5 1/2 miles south of Glenora, G. T. R., consisting of one span 240 feet C to C. This bridge is to be designed for a solid concrete roadway 16 feet wide. At the same time tenders will be received for Concrete Substructures for the above bridges.

**CHAS. TALBOT,** Bridge Commissioner,  
County Building,  
London, Ont.

**JAS. A. BELL,** County Engineer,  
City Hall,  
St. Thomas, Ont.



## Industrial Exhibition To Contractors, Etc.

### Tenders for New Dairy Building.

Separate tenders addressed to the undersigned will be received through registered post only up to noon on

**Wednesday, February 26, 1902,**

for each of the various works required in the erection and completion of

#### A NEW DAIRY BUILDING

on the Toronto Exhibition Grounds. Plans and specifications can now be seen and all information obtained at the office of **GREGG & GREGG, Architects,** 94 King Street West.

Tenders must be accompanied by a marked cheque, payable to the order of the City Treasurer, or a cash deposit equal to five per cent, on tenders up to \$1,000, and two and one-half per cent, on tenders over that amount.

Should any party whose tender is accepted fail to execute the necessary contracts and bonds, and give satisfactory security for the due fulfilment of the contracts, the deposit accompanying the tender will be forfeited to the City.

The lowest or any tender not necessarily accepted.  
The deposits of unsuccessful tenderers will be returned.

**O. A. HOWLAND (Mayor),**  
Chairman Board of Control,  
City Hall, Toronto, February 19th, 1902.

## NOTICE TO CONTRACTORS

### Construction of Drainage Works

Sealed proposals addressed to the Engineer in Charge and endorsed on the outside "Proposal for the Construction of the Petite Castore River and Annable Creek Drainage Works," will be received until 12 o'clock noon, of

**MARCH 15th, A. D., 1902.**

The work consists of the improvement and extension for drainage purposes of the Petite Castore River and Branches in the Townships of Mountain, Winchester and Russell and requires the excavation of approximately

**384,500 CUBIC YARDS OF EARTH  
12,380 CUBIC YARDS OF ROCK**

and the supply of material for and the construction of the Road Bridges in the Township of Winchester, as well as the removal of all obstructions in the shape of trees, stumps, stumps, etc.

Each proposal must be accompanied by a certified check or cash, payable to the Treasurer of the Township of Winchester, for 5 per cent of the bid. In case the proposal is accepted the deposit will be retained until the contract is duly signed, when it will be returned to the contractor and bonds taken in the amount of 15 per cent of the contract price as a guarantee of the faithful performance of the work.

Proposals must be made on the printed forms which may be had on application to the Engineer, on or after Feb. 15th, 1902, after which date the plans, profiles, specifications, forms of tender, contract and bond may be seen at the office of the Engineer.

The right is reserved to reject any or all tenders.

**THOMAS H. DUNN, Engineer,**  
Winchester, Ont.

Winchester, Ont., Jan. 21, 1902.

### CONTRACTS OPEN.

**BROOKBURY, QUE.—**J. McKenzie will build a new residence.

**ORILLIA, ONT.—**Debentures for \$2,900 will be issued by the town.

**MAPLE CREEK, N. W. T.—**Henderson & Downer will build a new hotel here.

**DUTTON, ONT.—**The Presbyterians propose building a new church, at a cost of \$10,000.

**CHARLOTTETOWN, P. E. I.—**A new residence will be built this spring by Dr. Dodd.

**COMBER, ONT.—**G. A. Ainslie will install a hot water heating system in his residence.

**KAMLOOPS, B. C.—**D. H. Campbell has decided to start a sash and door factory.

**WOODSTOCK, N. B.—**The question of establishing a hospital here is under consideration.

**GRAND VALLEY, ONT.—**James Campbell intends building a new brick residence.

**MINNEDOSA, MAN.—**A movement is on foot to organize an electric light company.

**PEMBROKE, ONT.—**Thackray & Rawlin's saw mill was wrecked by an explosion last week.

**WALLACEBURG, ONT.—**The Baptists are considering the building of a new church.

**GODERICH, ONT.—**A new church may be built by the North street Methodist congregation.

**NANAIMO, B. C.—**The Waterworks Committee has asked the council for \$16,000 for improvements.

**NILE, ONT.—**R. Mcllwain wants tenders by 24th inst. for erection of brick school house at this place.

**EAGLE, ONT.—**J. A. Buchanan is this week taking tenders for erection of brick veneer school house.

**SANDWICH, ONT.—**It is said that the Saginaw Lumber & Salt Co. will erect a large salt factory here.

**METCALFE, ONT.—**J. L. Rolston invites tenders up to 20th inst. for erection of addition to school house.

**WALKERVILLE, ONT.—**Berry Bros., of Detroit, will build a factory here for the manufacture of varnish.

**OWEN SOUND, ONT.—**During the present year two steel bridges will likely be built over the Sydenham river.

**NORTH TORONTO, ONT.—**It is understood that the building of several new houses is contemplated this spring.

**MIDLAND, ONT.—**Dr. Raikes, of this place, is advocating the building of a hospital jointly for Penetang and Midland.

**HINTONBURG, ONT.—**It is the intention of the Orange Society to erect a two-storey brick building to be used as a hall.

**RICHMOND HILL, ONT.—**Residences will be built here by Dr. Noble, of Chicago, and McDonald Bros., of King.

**LINDSAY, ONT.—**At next meeting of the Board of Education the question of building a new school will be considered.

**LEAMINGTON, ONT.—**The building committee of St. John's church have not yet selected a site for the proposed new edifice.

**PETROLEA, ONT.—**John Wilson, architect, of Collingwood, is preparing plans for a pork-packing factory to be built in this town.

**PICTON, ONT.—**Mayor Clapp has purchased the custom house block and intends building a private residence on one of the lots.

**INGERSOLL, ONT.—**The by-laws to bonus the Ontario Fruit Basket Company and the Ingersoll Metallic Co. were carried by the ratepayers on Monday last.

**SOUTHAMPTON, ONT.—**Offers are invited by James Howe, town clerk, up to February 24th for the purchase of \$16,000 debentures.

**THOROLD, ONT.—**The proposition to build an electric railway between

Thorold and Dunnville is making satisfactory progress. James Battle is one of the directors of the Company.

**HALIFAX, N. S.**—The council has decided to extend the water service on Chebucto Road, at cost of \$6,000.

**FORT WILLIAM, ONT.**—It is proposed by the C. P. R. to commence early next spring the erection of two new elevators at this place.

**MOUNT FOREST, ONT.**—A joint stock company is being formed to build a skating and curling rink. Particulars from W. S. King.

**ST. ROUMALD ETCHÉMIN, QUE.**—Bids have been invited by J. T. Lemoux, secretary treasurer of the municipality, for a loan of \$14,600.

**WINCHESTER, ONT.**—The county council has favorably considered a proposition to build a new bridge over the Nation river between Matilda and Mountain.

**OAKVILLE, ONT.**—On March 11th the ratepayers will vote on a by-law to grant a loan of \$5,000 to Crossin & Co., of Toronto, to establish a piano factory here.

**COLLINGWOOD, ONT.**—William & Walter Stewart, architects, of Hamilton, have been commissioned to prepare plans for the Carnegie library to be built in this town.

**ST. MARY'S, ONT.**—J. A. Humphries, architect, is preparing plans for new Baptist Church, residence for Mrs. M. A. Robertson, and for a union school at Wildwood.

**SYDNEY MINES, N. S.**—It is stated that the Nova Scotia Steel & Coal Co has definitely decided to locate their steel and iron works here instead of at North Sydney.

**HAMILTON, ONT.**—The Cataract Power Co. has decided to increase its capital stock by \$50,000 for the purpose of extending the radial railway from Burlington to Oakville.

**CHATHAM, ONT.**—The council of Chatham township has instructed W. G. McGeorge, C. E., to prepare plans for a steel bridge to be built across the Sydenham river at Tupperville.

**ST. CATHARINES, ONT.**—It has been decided to build a rink here at a cost of \$5,000.—It is understood that the question of building a new school has been deferred for this year.

**WEST LORNE, ONT.**—J. E. Westcott purposes building a factory for the manufacture of several lines of hardware and heavy sheet metal goods, building and plant to cost \$10,000.

**BARRIE, ONT.**—A committee of the county council has recommended that a steel bridge be built over the Severn river between Orillia township and Muskoka district, at a cost of \$4,000.

**KINGSTON, ONT.**—C. P. R. representatives were in the city last week in connection with coal station facilities. It is proposed to make Kingston a coal station and to erect a large store house.

**WIARTON, ONT.**—J. P. Newman intends building a residence.—The county council has granted an appropriation towards assisting the township of Greenock in building a steel bridge over the Teeswater river at Pinkerton.

**TILBURY CENTRE, ONT.**—Tilbury East township council proposes to launch a scheme for the reclamation of 25,000 acres of land in East Tilbury and Romney. Government assistance has been asked.

**BERLIN, ONT.**—The directors of the Y. M. C. A. are in favor of the erection of a new building. A. Pequegnal is

president of the Association.—The Government will be petitioned to provide increased post-office accommodation here.

**REVELSTOKE, B. C.**—The Board of Trade will urge the Dominion Government to make a grant of \$100,000 for improvements in the navigation of the Upper river, and \$25,000 for a post-office building at this place.

**ST. CATHARINES, ONT.**—Wood Bros. are asking for tenders up to 25th inst. for a brick block to be built on James street.—Frederic Nichols, of Toronto, has presented to Ridley College a combined hall and hockey rink, which is to cost \$5,000.

**BRANTFORD, ONT.**—The Grand Trunk Railway Co. is considering the question of making a main line station at this place. In order to do this it will be necessary to build two bridges, and the cost is estimated at \$100,000.

**ST. CUNEGONDE, QUE.**—Plans have been prepared by J. E. Vanier, architect and engineer, for a new town hall to be built on Albert street, to include fire and police station, post office, council room and assembly hall, to cost \$30,000.

**VICTORIA, B. C.**—The Mount Sicker Copper Mining Co. has taken tenders for erection of five stores at Crofton.—Plans are being prepared by the Canadian Pacific Navigation Co. for the construction of a new steamer for the northern British Columbia route.

**BRANDON, MAN.**—J. L. Gray will build a new farm residence to cost \$3,000, with hot air heating, from plans by W. H. Shillinglaw, architect.—Plans are now being prepared by W. H. Shillinglaw, architect, for a three story brick store building, 48 x 90 feet, for Zink Bros.

**PERTH, ONT.**—The Ontario government has been asked to grant an appropriation of \$10,000 towards a drainage scheme which is to drain 45,000 acres of land in Elma and Wallace townships.—A new red brick, two-storey residence will be built by W. J. Wilson.

**LONDON, ONT.**—A. O. Graydon, city engineer, is asking for tenders up to February 27th for the construction of cement walks and for the annual supply of the following: Cement and sewer pipes, concrete pipes for culverts, cedar and pine lumber, paving stones, iron castings, nails, etc.

**NEWCASTLE, N. B.**—The provincial government recently invited tenders for the reconstruction of the North-west bridge at this place, the long spans to be lengthened to 183 feet and new piers to be built. The tenders received were considered too high, and it has been decided to do the work by day labor. The cost will be about \$12,000.

**RAT PORTAGE, ONT.**—The Rat Portage Lumber Co. will build an addition to their Rainy River saw mills.—A deputation from this place last week waited on the Ontario Government and requested assistance towards the construction of a bridge across the Winnipeg river, improvements in the Ash Rapids, and repairs to certain Government docks on the Rainy river.

**GUELPH, ONT.**—W. F. Colwill, architect, has just taken tenders on a pressed brick residence at Kossuth for James Meyer.—An expert will be engaged by the city to value the plant of the Guelph Light & Power Company.—The city engineer has been instructed to visit Brantford and Stratford to obtain information regarding the most suitable sewage system to be adopted for this city.

**NORTH SYDNEY, N. S.**—The council has decided to seek legislative authority to borrow money for a large

addition to the fire department, including the erection of a fire hall and additional fire equipment.—A sum has been voted by the council for the erection of a new school.—At a meeting of the Board of Trade last week, a resolution was passed favoring the extension of the present wharf.

**GRANBY, QUE.**—H. L. Sulline, manager of the collar factory recently destroyed by fire, expects to rebuild in the spring.—The by-law has been prepared for submission to the ratepayers granting a bonus of \$15,000 to E. Bradford and the Sanitary Supplies Manufacturing Co. for the establishment of a factory here to manufacture plumber's supplies.

**WATERLOO, ONT.**—J. B. Hughes, of the Board of Trade, has pointed out the necessity of better fire protection for the town. He advocates that an emergency supply of water be obtained by means of a reservoir of 1,000,000 gallons capacity, also the extension of the water mains.—I. N. Nuber is taking tenders on erection of two storey brick residence. Plans by Charles Mookyk, architect.

**SYDNEY, N. S.**—W. G. Yorston has submitted to council his report on a water supply for the town. He recommends the damming of Sullivan's Brook and the construction of a reservoir to contain 170,000,000 gallons of water. The total cost is estimated at \$139,310, including \$74,696 for pipe line, \$2,700 for special castings, and \$21,750 for dam and gate house, etc.—James Pender, of the Pender Shoe Co., St. John, N. B., visited this town last week in connection with the building of a large factory for the manufacture of wire.—It has been definitely decided to erect a large county insane asylum about two miles up the Sydenham river.

**ST. JOHN.**—G. E. Fairweather, architect, has taken tenders on a brick factory for T. S. Sims & Co.—The Director of Works has been instructed to invite tenders for the construction of the McLeod wharf.—The Union Telephone Company is seeking incorporation, to amalgamate the telephone lines owned by Dr. Ross, of Florenceville, and Dr. Brown, of Centreville. The intention is to extend to Edmundston.—Edgar G. Murphy, of New York, has purchased from Dewar Bros., of St. George, the mill and other property at that place, and will likely build a pulp mill.

**WINNIPEG, MAN.**—The city council has decided to accept without reservation the offer of Andrew Carnegie to build a \$75,000 library in the city.—It is the intention of the Hudson Bay Co. to erect a lumber and flour mill at Vermilion, in the Peace river valley. The saw mill will include a shingle mill and planing mill and an electric light plant.—The city engineer has recommended that the city purchase the necessary plant for the manufacture of sewer pipe.—Z. Malboit, C. E., engineer for the Dominion Government, has been instructed to make surveys for a bridge to be built over the Red river in the municipality of Montcalm.—The property on Main street, just south of the Dominion Bank, has been purchased by Thomas Kelly, who intends building a business block.—The lot at the south-east corner of Roslyn road and Osborne street has recently changed hands, the purchaser intending to build a brick dwelling on the site.—Harry Burkholder, of Chicago, was in the city last week in connection with the building of the proposed electric railroad from Winnipeg to Lac du Bonnet. The distance is 58 miles, and the cost will be about \$20,000 per mile.—Plans have been completed and tenders will be in-

vited in the near future for addition to C. P. R. Hotel at Banff, to contain about 100 rooms.

**OTTAWA, ONT.**—F. Gelinas, Secretary Department Public Works, invites tenders for the following works: For heating apparatus in public building at Springhill, N. S., up to Tuesday, 25th inst.; for breakwater at Herring Cove, Halifax county, N. S., breakwater at Upper Salmon River, Albert county, N. B., and for supply of poles for construction of telegraph line from St. Peter's to Main-a-Dieu, and on Scatari Island, in all 90 lines, and from Gaberus to North Sydney, Cape Breton, a length of 35 miles, up to Monday, March 3rd. A cheque for \$1,200 is to accompany each tender for the Herring Cove breakwater, \$600 for the Upper Salmon river breakwater, and 10 per cent. of amount of tender on other works.—The Building Committee of Grace Church has decided to begin at once the construction of proposed new Sunday School, of brick, on stone foundation, cost \$3,000.—The question of enlarging the Collegiate Institute building is under consideration.—A committee is having plans prepared for alterations to McKay Presbyterian church.—McFarlane & Douglas, metal workers, Slater street, intend building an addition to their establishment to cost \$6,000, and will engage in the manufacture of fancy metal ceilings and roofing work.

**MONTREAL, QUE.**—Several members of the Health Committee last week discussed the proposition to build a hospital for the treatment of contagious diseases.—An American syndicate is said to be negotiating for the purchase of St. Lawrence Hall, the intention being to erect a mammoth hotel, with a theatre and roof garden, on the site of the present building.—M. P. Fitzpatrick, of Pictou county, N. S., who is a director of the Nova Scotia Eastern Railway, stated when in Montreal last week that the road would certainly be started this spring. The entire length will be 190 miles. One section will run from New Glasgow to the Strait of Canso, and the other from Windsor Junction to a point on the main line this side of the Strait.—The Mayor, in his inaugural address, points out the necessity of larger water mains in the business portion of the city and of an auxiliary pumping engine to insure an adequate supply of water to the high level service of the city.—The Minister of Customs and Mr. Routhier, architect, of Ottawa, arrived in the city last week in connection with proposed improvements in the custom house, for which \$37,000 was granted at last session of Parliament. Improvements will include the introduction of electric power and a passenger elevator.—The Board of Trade is in favor of installing gas buoys along the St. Lawrence between Montreal and Quebec, so as to provide for night navigation.—The chairman of the fire committee has pointed out the necessity of immediately providing for new fire engines, new stations, hose, etc., for the fire department.—It is stated that arrangements have been completed for the purchase of the property in the east end on which the new C. P. R. shops are to be built. It is understood that the expenditure will be over \$1,000,000.

**TORONTO, ONT.**—At the last meeting of the Senate of the University of Toronto, a resolution was passed in favor of the erection of a building to be used for the purposes of the medical faculty and the department of physiology.

Tenders are invited by the city up to Wednesday, 26th inst., for the erection of a new dairy building on the Toronto Exhibition Grounds. Plans at the office of Gregg & Gregg, architects, 94 King street west.—The vicinity of University avenue has been suggested as a desirable site for a new public library building, the erection of which has been recommended by Judge McDougall, the retiring chairman of the public library board.—The Property Committee of the Public School Board has recommended an addition of three rooms to Huron street school.—The recommendation of the city engineer that two new boilers be installed at the main pumping station has been concurred in by the Board of Works.—The Island Committee of the City Council has decided that there should be a garbage destructor on the island, at a cost of \$2,000. Tenders will be asked.—The immediate construction of cribwork between Yonge and Bay streets, on the water front, has been recommended; estimated cost, \$9,000.—The city engineer, in his fortnightly report, again recommends the construction of a bridge across the railway tracks at the foot of Yonge street. He also recommends an expenditure of \$10,000 for water mains in Ward 5, also the following local improvements: Asphalt pavement, Alexander-street, from Church-street to McMillan-street, \$3,160;

macadam roadway, Munro-street, from Queen to Gerrard, \$8,560; Givens-street, from Argyle to Halton-street, \$2,760; cedar block pavement, Concord avenue from Dewson-street to a point 180 feet south of Heptown-street, \$3,770; concrete walks, Sackville street, west side, from Carleton to Winchester-street, \$432.—The T. Eaton Company have decided to add two more stories to their factory, between Albert and Louisa streets.—It is the intention of the council to construct a tar macadam roadway on MacPherson avenue, from Avenue road to 629 feet east, at a cost of \$2,760.—Building permits have been granted as follows: N. V. Kuhlman, two storey summer residence at Kew Beach, cost \$1,000; F. Everist, residence on Concord avenue, near College street, cost \$2,500.—Kivas Tully, C. E., has reported that it will be necessary to do 22,000 yards of dredging this year in the western channel of the harbor.—The purchase of a concrete mixer, at a cost of \$510, has been recommended by the city engineer.

#### FIRES.

Residence and post office at Hepworth, Ont., occupied by R. Russel.—Dwelling of James Madole at Alvinston, Ont.—Hardware store of Louis Couillard at St. Cunegonde, Que. damaged to extent of

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FIRE BRICKS, FIRE CLAY, Etc., Etc. \* \*

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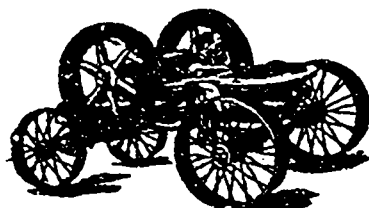
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## MUNICIPAL DEBENTURES BOUGHT

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

\$5,000.—The Dominion Drug and Spice Mills, 44 Prince street, Montreal, owned by Lyman, Sons & Co.; loss \$10,000.—The Alvinston Hotel at Alvinston, Ont., also shoe store of W. J. Ross; loss \$4,000.—Warehouse of Massey-Harris Co. at Carnduff, N. W. T.—Young's clothing store at Rat Portage, Ont.; loss \$10,000.—Church of St. Mary's, corner Craig and Panet streets, Montreal, almost totally destroyed; loss \$50,000.

**CONTRACTS AWARDED.**

**ATHENS, ONT.**—Methodist church. Tabor Bros., of Morton, contractors for stone work.

**VANCOUVER, B. C.**—Warehouse for J. Lewerke. Mr. Grant, architect; Mr. Carter, contractor.

**WINNIPEG, MAN.**—Supply of sewer pipe for city: W. F. Lee, successful tenderer, at \$2,278.

**HINTONBURG, ONT.**—Improvements to building for John O'Meara: Finn & McLoughlin, contractors, cost about \$2,000.

**SHERBROOKE, QUE.**—The contract between the National Bridge Company, of New York, and the city council for building bridge over the Magog river has been signed.

**HALIFAX, N. S.**—Alterations to Union Bank: Carpenter work, J. McInnes & Son; masonry, Henry Saunders; plumbing and hot water heating, Crump & Perrier; painting, Walsh Bros. H. E. Gates is architect.—Reid & Archibald, this city, have been awarded the contract to build a large bridge over the Sabl. river in Shelburne county.

**ONTARIO GOVERNMENT ESTIMATES.**

The estimates of the Ontario Government for the year 1902 were presented to the House a fortnight ago. For public works the sum of \$62,201 is asked, including the following items:

**PUBLIC WORKS.**

Muskoka Lake Works, to extend lock at Port Carling, \$9,500, and reconstruct swing bridge, \$11,000. Madawaska river, to complete steel bridge and approaches, \$850. Petawawa river, to complete bridge and approaches, \$590. Sturgeon River,

to complete bridge, Township of Field, \$700. To construct swing bridge, cons. 8 and 9, Township of Ryerson, \$4,300. To complete bridge over Muskoka river on Muskoka road, \$5,374. Removing obstructions, dredging and piling at mouth of Black river, \$1,000. To improve Joseph river, conditional on equal amount being provided locally or otherwise, \$500. Mattawa River, contribution towards renewal of bridge, \$500. Wabis River, District Temiscaming, to construct two bridges in township of Kerns, \$2,000. To construct two bridges on Town Line between Townships of Dymond and Harris, \$1,200. To assist in reconstruction of bridge on Town Line between Townships of Draper and Muskoka at South Falls, \$1,000. Revote to assist in the reconstruction of the bridge over the

Ottawa River at Des Joachims Rapids, \$4,000. Canard River, re-vote to assist in dredging and removing shoals, \$5,000. Maintenance locks, dams and bridges, \$9,487. Indian Point Bridge, glance piers and repairs, \$3,000. To construct piers under steel bridge across the Mississauga River in the Township of Gladstone, \$3,200. Drainage Pelee Island, \$1500. Dam on Bass Lake, \$1,100. Dam on Squaw River, \$700.

**PUBLIC BUILDINGS.**

The appropriation for new public buildings is \$288,637. The principal items for new buildings and repairs are: Asylum for Insane, Toronto—Furniture and furnishings, \$2,282. Interior repairs and alterations, \$900. Carpenter's supplies, lumber, etc., \$400. Engineer's

(Continued on page 6.)

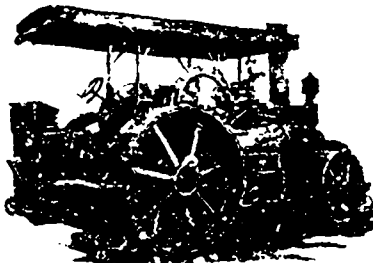
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**The Canadian Bridge Co., Limited**

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ASK FOR SAMPLE SECTION OF RAILS.

**L.H. GAUDRY, 101 St. John St., Quebec**

John Boyd and Frederic F. Burns have registered proprietors of the business of Boyd, Burns & Company, plumbers' supplies, etc., Vancouver, B. C.

Lusty & Sons builders and lumber dealers, Rodney, Ont., have dissolved partnership, and the business will be continued by Lusty Bros.

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**MUNICIPAL DEBENTURES**

**DEBENTURES**

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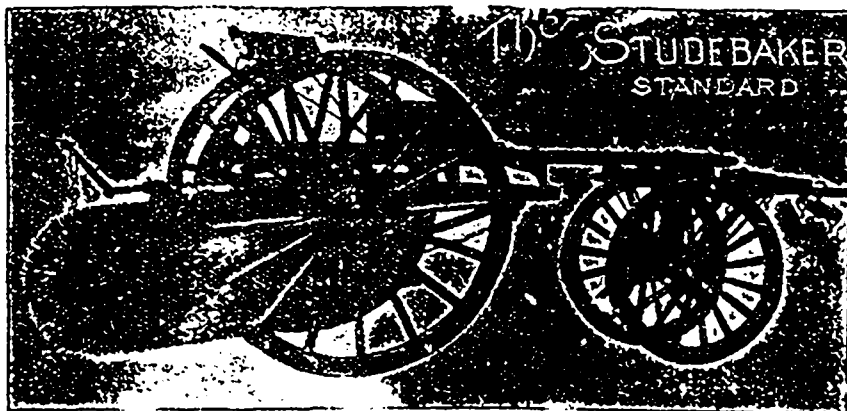
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(Continued on page 8.)

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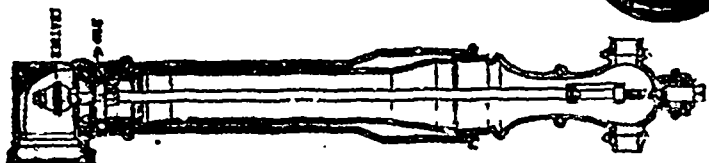
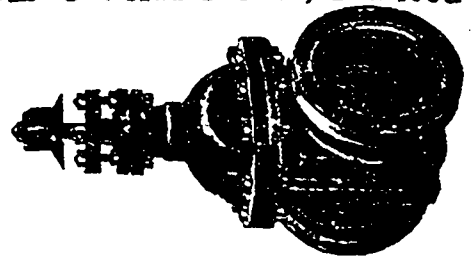
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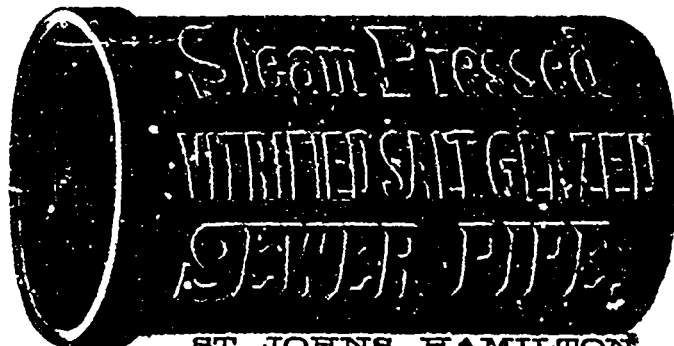


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**DR. MARTIN MURPHY, C. E.**

Dr. Martin Murphy, C. E., Provincial Engineer of Nova Scotia and President-elect of the Canadian Society of Civil Engineers, is the second son of Thomas Murphy, contractor, and was born at Coolcarney, near Enniscorthy, Wexford, Ireland, November 17th, 1832. He joined the engineering staff of the late William Dargan at the age of 20, and has since been engaged without intermission as an engineer and contractor. He worked at his profession under Thomas Plunket, W. R. Lefanu, and Cotton & Fleming, all of St. John McNeil's School of Civil Engineering. During the fifties and early in the sixties, he worked on the branches of the Midland Great Western Railway, between Mullinger and Longford, and from Athenry to Tuam; on the Great Southern and Western Railway branches, between Athlone and Tullamore, and from Mallow to Fermoy, and on the Banbridge & Scarva Railway in the North of Ireland; also on the city of Dublin sewerage works, and on the construction of Moy Bridge between Charlemont and Moy, County Tyrone. On the retirement of Mr. Dargan from railway construction, he continued with his successor, Thomas Edwards, and was employed as contractor's engineer on the extension of the Dublin, Wicklow & Wexford Railway from Wicklow to Enniscorthy, and on the Shillelagh Branch. In 1862 he was appointed resident engineer of the Dublin, Wicklow & Wexford Railway and its branches, and continued in that position until he came to Canada in 1868.

Here Dr. Murphy was engineer for the city of Halifax, N. S., 1868-69, and in 1870-71 was engaged as chief engineer for the survey of projected lines of railway by the Provincial Government of Nova Scotia. In 1871 he was appointed Provincial Government Engineer for that Province, but resigned, as there was no fixed salary attached to the position at the time. From 1871 to 1874 he was contractor for the construction of bridges on the Intercolonial Railway of Canada, but returned to Nova Scotia in 1875, the local legislature

having then voted an annual salary and appointed him Provincial Engineer, a position which he still holds.

In Nova Scotia he has built iron and steel structures over every river in the province. His plans, specifications, and methods for erecting concrete substructures are gaining favor all over Canada. He has been consulted by the Newfoundland Government respecting railways; by the Government of New Brunswick on bridge construction; and by the Colonial



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Dr. Murphy has held the presidency of the Nova Scotian Institute of Science, and contributed several important papers to its transactions. His paper, and illustrations of bridge work in Nova Scotia, before the Engineering Congress at the World's Fair, Columbian Exposition, Chicago, 1892-93, was awarded a medal and aluminum case, "for the best and most modern designs for bridge construction." He has contributed to many professional journals and periodicals. He received the degree of D. Sc. from Kings College, Windsor, Nova Scotia, 1886. He married in 1861 Maria Agnes, youngest daughter of Cornelius Buckley, of "Banteer," Mallow, Cork, Ireland.

**BUSINESS NOTES.**

The village council of Granby, Que., has passed a by-law authorizing a loan of \$15,000 to the Granby Plumbers Supply Co., of which Edward Bradford is the promoter.

The death occurred in Montreal last week of Mr. Robert Forsyth, who came to Canada from Scotland in 1853 as a civil engineer. For some time he was connected with the Montreal waterworks, afterwards becoming chief engineer for the Montreal Harbor Board. In the year 1865 he became interested in the marble and granite business, and later executed large contracts for marble, notably those of the New York Life Bldg., the Bell Telephone building, London and Lancashire building, and the new Grand Trunk Railway offices.

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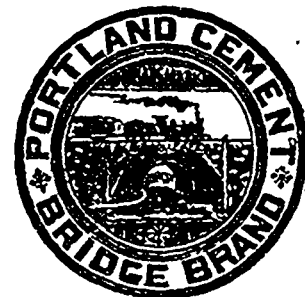
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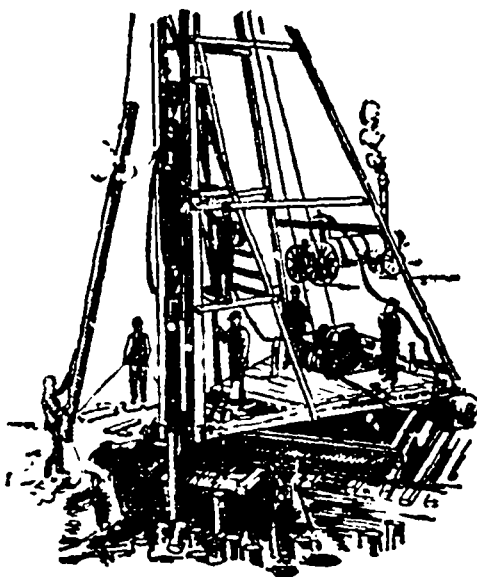
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Table with columns for brick types (Red No., Buff No., Brown, Roman Red, Hard Building, Sewers, Backing) and prices for Milton, Ont. and Montreal.

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

Table for TORONTO PRESSED BRICK AND TERRA COTTA WORKS listing brick types and prices.

Table for BEAMSVILLE BRICK AND TERRA COTTA CO. listing brick types and prices.

Index listing various categories: Architects, Contractors' Plant and Machinery, Masons, Ornamental Iron Work, Builders' Supplies, etc., with corresponding page numbers.

Table for BEAMSVILLE, MONTREAL listing various building materials like Red Portland Cement, Roman Red, etc.

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

Table for SLATE listing roofing materials like Roofing (W. square), Terra Cotta Tiles, etc.

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

Table for F.O.B. QUARTZES listing various types of quartzes and their prices.

Table for ARCHITECTURAL VARNISHES listing various types of varnishes and their prices.