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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF THE CONTRACT RECORD

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. 10.

NOVEMBER 29, 1899

No. 44.

THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the "Canadian Architect and Builder."

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6 Cast Iron Columns, 24 ft. 2 in. long, weight 781 lbs. each.
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Price, 2 cents per lb.

H. R. IVES & CO.,
Queen Street, Montreal

To Contractors

Tenders will be received at the office of the undersigned up to Saturday noon, DECEMBER 2ND, for the various trades required in the erection of a Warehouse in Front Street for the Copp, Clark Co., Limited
SYMONS & RAE, Architects,
35 Adelaide Street East, Toronto.

DEBENTURES FOR SALE

\$8,527—Tenders will be received by the undersigned up to DECEMBER 6TH for \$8,527 of local improvement debentures of the Village of Brussels, at 4 per cent., payable in 15 annual instalments of \$766.66, the first one year from issue. Debentures can be made any amount to suit. Lowest or any tender not necessarily accepted. For further particulars apply to
F. S. SCOTT, Clerk,
Brussels, Ont.

Twenty-Year Three-and-a-Half
Per-Cent.

COUNTY OF MIDDLESEX DEBENTURES

Scaled tenders, endorsed "Tenders for Debentures," will be received at the office of the undersigned up to four o'clock p.m. on WEDNESDAY, DECEMBER THE SIXTH, 1899, for the purchase of

\$12,000.00 County of Middlesex Consolidated-
Debenture-Debt Debentures.

bearing three and a half per cent. interest, payable semi-annually on 10th June and 31st December, principal payable in gold in twenty years from the date of issue.

Each tender must state a price in a lump sum payable at par in London, Ont., on or about December 31st, 1899.

The Corporation does not bind itself to accept any tender. Further particulars on application

A. M. McEVoy,
Treasurer of Middlesex.

County Treasurer's Office,
London, Ont., Nov. 23, 1899.



Scaled tenders addressed to the undersigned, and endorsed "Tender for Dominion Building, New Westminster, B. C.," will be received at this office until TUESDAY, 12TH DECEMBER, 1899, for the construction of two buildings—a Post Office and an Lumbering Warehouse at New Westminster, B. C. Plans and specifications can be seen and form of tender and all necessary information obtained at this Department, and at the office of J. R. Roy, Esq., Resident Engineer, New Westminster, B. C. Persons tendering are notified that tenders will not be considered unless made on the form supplied and signed with their actual signatures. Each tender must be accompanied by an accepted bank check made payable to the order of the Honourable the Minister of Public Works, equal to ten per cent. (10 p.c.) of the amount of tender, will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the check will be returned. The Department does not bind itself to accept the lowest or any tender.

By order,
E. F. E. ROY,
Secretary.

Department of Public Works,
Ottawa, Oct. 6th, 1899.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.

SCHOOL PLANS

The Education Department of Ontario will receive competitive designs and specifications for the following, viz.:

- A four-roomed Public School Building, adapted for Brick or Stone.
- A three-roomed Public School Building, adapted for Brick or Stone.
- A two-roomed Public School Building, adapted for Brick or Stone.
- And a School with a single room.

The Schools to have all suitable modern improvements.

Brief, descriptive typewritten specifications, with details of probable cost, must accompany each set of drawings.

Premiums will be paid as follows, viz.:

For the four-roomed school.....	\$150
For the three-roomed school.....	125
For the two-roomed school.....	100
For the one-roomed school.....	25

Plans must be in the office of the Minister of Education not later than noon of THE FIRST DAY OF FEBRUARY, 1900. Each individual set of designs must be signed by a different name or pseudonym, and the name of designer, under seal, must accompany each set, with separate envelope for each design.

All designs submitted to be drawn on half sheets of Whatman's extra heavy medium surface Double Elephant paper, and be sent flat to the Department, properly protected between straw or manilla boards, and addressed as

"Competitive Public School Drawing,
To the Hon. Minister of Education,
Toronto."

The plans and sections to be properly colored, to show the material intended to be used in construction, but the elevations to be in India ink only, without shading. Plans of each separate floor will be required with one section and two elevations for each design. Perspective designs may be sent at the option of the designer. No details will be required. All designs must be drawn to a scale of one-eighth of an inch to a foot, and all designs receiving premiums will become the property of the Department.

Education Department, Toronto, 15th November, 1899.

JOHN MILLAR,
Deputy Minister of Education.

CONTRACTS OPEN.

YARKER, ONT.—Steps are being taken to erect a public hall.

PALGRAVE, ONT.—The Methodists will erect a new church.

BURK'S FALLS, ONT.—J. M. Wilson intends building next spring.

SOMBRA, ONT. Local parties have decided to build a roller mill.

BRADFORD, ONT. John Currie has decided to build a new residence.

CALGARY, N. W. T.—The contract will be let at once for a waterworks system.

WALKERVILLE, ONT.—Ground has been broken for the new match factory.

SANDHILL, ONT.—A new Methodist church, to cost \$3,000, is about to be built.

PARIS, ONT.—The town council has decided in favor of a new central school.

FESSERTON, ONT.—W. W. Carter purposes making improvements to his stave mill.

EDMONTON, N. W. T.—C. M. Neher has selected a site for a soda water factory.

GRANBY, QUE.—The Empire Tobacco Co. are about to erect another large building.

WILLOW GROVE, ONT.—It is intended to build a brick church here next summer, to cost \$4,500.

MELBOURNE, QUE.—Henry Aylmer is about to establish a sash and door factory and saw mill.

BRANTFORD, ONT.—Brant township council are still considering the construction of a dyke.

ST. MARYS, ONT.—J. W. Wood, furniture dealer, is preparing to erect a two storey brick building.

COLEBROOK, ONT.—G. W. Ashley intends putting in a shingle machine and cheese box machinery.

COLLINGWOOD, ONT.—The Northern Navigation Co. have decided to build a large freighter this winter.

SPRINGFIELD, MAN.—The municipality proposes to construct a large ditch from English river to the Seine river.

COLUMBIA, B. C.—L. Monier, of Cascade, has purchased property here on which he will build a warehouse.

KINGSVILLE, ONT.—Bailey & Wilson will remodel the old canning factory for the purposes of a tobacco factory.

PALMERSTON, ONT.—The Palmerston Carriage Co. will likely build a large addition to their factory next spring.

PENETANGUISHENE, ONT.—The congregation of All Saints' church have decided to erect a brick school house.

SIMCOE, ONT.—John H. Jewell is endeavoring to form a company here to start a pork packing establishment.

VANCOUVER, B. C.—Is it said that the C. P. R. will not extend their line from Greenwood to Midway for the present, owing to lack of rails.—Parr & Fee, archi-

jects, have invited tenders for erection of residence on Burraby street for S. F. Mackenzie.—Plans are being prepared for large addition to warehouses and extensions to wharves of the C. P. R.

ROSSLAND, B.C.—Colonel Topping is agitating for the construction of an electric railway between Rossland and Trail.

ST. BONIFACE, MAN.—It is understood that E. Guilbault will erect a new block on the site of his burned buildings.

HOPEWELL HILL, N.B.—The Baptist church is to be improved, including new furnace and rearrangement of choir seats.

GASPEREAU STATION, N. B.—A new bridge is to be built near Geo. Harren's on the road from St. John to Fredericton.

OSBORNE, ONT.—Simon Hunter intends building a large brick barn next summer.—S. Peart will build a residence.

STRATFORD, ONT.—Charles Brothers has purchased the building which he has been occupying, and purposes remodelling it.

DUNDAS, ONT.—The authorities of Knox church have instructed an architect to prepare plans for proposed improvements.

TILBURY, ONT.—At a vestry meeting held on the 17th inst., it was decided to proceed at once to build the new English church.

WINDSOR MILLS, QUE.—Voting on the by-law to borrow \$25,000 for construction of system of waterworks takes place to-day.

BROOKVILLE, ONT.—B. Dillon, architect, invites tenders up to Thursday, 30th inst., for additions and alterations to glove factory.

CHILLIWACK, B.C.—Joseph Scott has purchased property adjoining the Harrison House, and purposes building thereon in the near future.

DORVAL, QUE.—The plans of Alphonse Content have been accepted for a stone church to be built in the parish of La Presentation de Dorval.

ST. PAUL, QUE.—The corporation will ask authority from the legislature to construct an electric railway to connect with St. Henri and Montreal.

CANNINGTON, ONT.—Dr. McDermott has purchased the Brock House site and will build a brick hotel 45 x 60 feet, three storeys high, steam heated.

PROVIDENCE BAY, ONT.—Mr. Dyment, M.P., states that plans are being prepared for the dock to be built at this place by the Dominion government.

WOLFVILLE, N.S.—Parties have been looking over the property of S. P. Benjamin on the Gaspereau Lakes with a view to building a large pulp mill.

BARRIE, ONT.—The Roads and Bridges Committee of the county council will report at the January session as to the cost of building iron and steel bridges.

THREE RIVERS, QUE.—The municipality will apply to the legislature for authority to rebuild the St. Maurice bridges and to issue debentures for this purpose.

ALMONTE, ONT.—A by-law to raise \$10,000 by debentures for street improvements has been passed in council and will be submitted to the electors in January.

BUCKHORN, ONT.—On January 1st., a vote of the ratepayers of Harvey township will be taken on a by-law to grant a bonus of \$3,000 to the L. B. & Pontypool Railway Co.

BRIDGEWATER, N.S.—It is stated that the Coast Railway, the South Shore Railway and the Central Railway will be amalgamated, and the line extended from Mahone to Halifax.

FORT WILLIAM, ONT.—The Sisters of St. Joseph have had plans prepared for a \$12,000 addition to their hospital, em-

bracing maternity, children and contagious disease wards

SACKVILLE, N. B.—Tenders closed yesterday, 28th inst., for hot water heating, plumbing and electric wiring of University residence. Particulars from D. Allison, of the Executive Committee.

BRUSSELS, ONT.—Bids are invited by F. S. Scott, village clerk, up to December 6th, for the purchase of \$8,527 of four per cent. local improvement debentures, payable in fifteen annual instalments.

WINNIPEG, MAN.—The Orange Societies of the city have purchased a site on Princess street, and intend erecting a modern building, containing stores, offices and hall. Plans are now in course of preparation.

YARMOUTH, N.S.—F. C. Coffin, M.E., of Boston, has submitted to council his estimate for preparing plans and specifications for installing a steam pumping plant, and has been engaged to undertake the work.

PEMBROKE, ONT.—James Stewart, chairman of Public Works Committee of the town council, will receive tenders up to December 1st for construction of wooden bridge over Muskrat river at Mary street.

QUEBEC, QUE.—The Great Northern Railway Co. expect to commence the building of their large elevator at an early date.—It is said that the Montmorency Cotton Mills Co. purpose building a new mill next year.

ARNPRIOR, ONT.—The council has received a communication from the Board of Trade asking that a vote of the ratepayers be taken at the next municipal election upon the question of constructing a waterworks system.

LINDSAY, ONT.—It is again rumored that the government intend to complete at an early date the balance of the section of the Trent Valley canal between Balsam Lake and Lake Simcoe. This section will cost about \$900,000.

BENNINGTON, ONT.—A by-law will be submitted to the ratepayers of West Zorra at the municipal elections to raise about \$8,000 to pay for three iron bridges built this season and others to be built next year. E. L. Sutherland, clerk.

TRURO, N.S.—An architect in the United States is preparing plans for new brick mill to be built by the Truro Knitting Mills Co. The building will be 150 x 60 feet, three stories, cost \$15,000, and work will be commenced next spring.

NIAGARA FALLS, ONT.—A cheque for \$1,000 has been received by the town from the company which purposes converting the street railway into an electric system. The Sutherland Improvement & Development Co., of New York, are promoters.

HALIFAX, N. S.—Large mining properties in Cumberland and Colchester counties have been sold to the Colonial Copper Co., of New York, who will spend a large sum of money in development and will subsequently erect works at the mines.

LONDON, ONT.—F. W. Farncombe, 213 Dundas street, will receive bids up to December 2nd for construction of drain in Komoka swamp; estimated cost, \$1,200.—It is proposed to build the new armory on the south-west corner of Dundas and Waterloo streets.

RENFREW, ONT.—The Finance Committee of the city council has been authorized to invite bids for purchase of \$13,000 of waterworks and sewerage debentures; J. K. Rochester, town clerk.—The Renfrew Electric Co., Limited, has been granted incorporation.

PORT COLBORNE, ONT.—A Montreal gentleman who was in town last week is considering the building of two tugs here.—The appropriation for improvements to

the harbor here is \$120,000. The plans for same have been prepared. A breakwater will be built first and wharves later.

HULL, QUE.—No further steps have been taken in the formation of a company to erect a boot and shoe factory in this city.—On December 28th the ratepayers will vote on a by-law to raise \$55,000 for waterworks improvements. The sum of \$5,000 will be raised for immediate repairs to streets.

SARNIA, ONT.—At meeting of stockholders of Sarnia Street Railway Co. held on November 23rd, the question of converting the railway into an electric system was further discussed. A by-law authorizing the directors to raise \$60,000 by debentures for carrying out the work was passed.

PORT HOPE, ONT.—At next council meeting a motion will be introduced to raise \$15,000 by debentures for improvements to waterworks system, including addition to pumping station, new pump, boiler and filtering basin. Particulars may be obtained from R. Gray, secretary Water Commissioners.

MIDLAND, ONT.—A representative was in town last week in the interest of a new pulp project. It is proposed to establish the works near this place.—The Midland Box Shook & Planing Mill Company are about to erect a new saw mill on property recently purchased from Mr. Cook; estimated cost, \$50,000.

GRAND FORKS, B. C.—Clarence J. McCuaig is authority for the statement that a railway will be built between Republic, in the State of Washington, and this town.—There is a movement on foot to erect a hospital, to cost \$10,000.—John Gallipeau, of Huntingdon, Que., will establish a machine shop and sash and door factory here.

PARRY SOUND, ONT.—A company is being formed to carry on a summer hotel business on Star Lake, E. Jordan being secretary-treasurer. It is proposed to purchase the Craig-Rosslee hotel and to refit and re-furnish it.—The members of the curling club have decided to build a rink, 54 x 164 feet, from plans prepared by a Toronto architect.

VICTORIA, B. C.—Thos. Hooper, architect, is preparing plans for two-storey brick hotel to be built on Government street for J. H. Berriman.—A petition, signed by J. A. Sayward and others, has been presented to the city council asking for submission of a by-law authorizing the city to subscribe for capital stock to the extent of \$500,000 for the construction of a railway to Chilliwack.

GUELPH, ONT.—John Kennedy, chairman Finance Committee, has invited tenders for removal of smallpox hospital to another site and for construction of stone foundation and cellar.—A meeting of the city council was held last week to consider the proposed extension of the C. P. R. to Goderich. A conference of representatives from the different municipalities will be held on December 7th.

OTTAWA, ONT.—The Dominion government is said to have decided to construct another telegraph line from Athin to Quesnelle, B. C., next season.—A suggestion has been made to exchange the present government grounds around Rideau Hall for a portion of Rockcliffe Park, and to erect on the latter property a residence for the Governor General, the present government house building to be converted into a geological and art museum.

COWANSVILLE, QUE.—Ground has been broken for the factory of the Malt Cereal Food Co., of Burlington, Vt., to be built in this town. The first building will be 100 x 50 feet, and will be completed this fall, while a second building, to be used as a biscuit factory, a residence for the local manager and several tenements

for employees will be erected next spring. M. C. M. Johnson, manager of the Montreal branch of the Wells & Richardson Co., is one of the interested parties.

STURGEON FALLS, ONT.—A petition will likely be presented to council asking for the construction of a waterworks system.—Plans have been prepared by V. M. Roberts, C.E., of St. Catharines, Ont., for new mills to be built at this place by the Imperial Paper Mills Co. It is understood that Mr. Roberts has been engaged by an English syndicate to report on the water powers and storage reservoirs of the Sturgeon river.

KINGSTON, ONT.—A scheme is on foot to erect a superintendent's residence and nurses' home on the hospital grounds, at a cost of \$12,000.—A deputation visited Ottawa last week and requested the Dominion government to erect a cold storage building at the dairy school here.—The Kingston Locomotive & Engine Company will ask the city for a bonus of \$75,000 to assist them in extending their works.—A large addition is to be built to the Westminster Park hotel on the St. Lawrence river.

ST. JOHN, N.B.—R. C. John Dunn, architect, has prepared plans for a cold storage warehouse to be built early next spring on Main street. Building will be brick and stone, four stories high on Main street and six stories high in the rear, the Main street frontage to comprise three stories. Adjoining the warehouse there will be a one-story engine house, 81 x 58 feet, and railway tracks will run into the warehouse and engine house. The buildings and equipment will involve an expenditure of \$100,000.—The C.P.R. have purchased property on Union Point road and in the spring will erect an engine house.—Bids are invited by the Board of School Trustees up to December 18th for purchase of \$34,500 school debentures, running twenty-one years, with interest at four per cent., and \$43,300 redemption bonds running forty years. Particulars from Edward Manning, secretary.

MONTREAL, QUE.—The Canada Atlantic Railway Co. have made application to the Harbor Commissioners for a site for elevator, freight sheds, etc., which it is proposed to build.—The Roman Catholic School Board will apply to the legislature next session for authority to issue debentures for \$100,000, \$25,000 to be used to wipe off indebtedness and \$75,000 for new school buildings.—Hon. J. I. Tarte, Minister of Public Works, held a conference last week with the Harbor Commissioners regarding the proposed improvements to the harbor. He stated that \$500,000 had been voted by parliament for works at the west end, and a like amount for improvements in the eastern part of the harbor, the work to be carried out under the supervision of the Department of Public Works. The sum of \$250,000 will be devoted to building a dry dock. Mr. Tarte stated that plans would be completed in a short time, and urged that the work be proceeded with as speedily as possible.—A block of buildings, to be used as flats, is in course of erection at the junction of Aylmer and Berthelet streets, for the Synod of Montreal, on property bequeathed to it by the late E. E. Shelton. The building will be plain in character. The architect is Mr. James Nelson, who has also prepared plans and estimates for the heating and ventilating of the Synod Hall and secretary's residence on Berthelet and University streets. The work will shortly be carried out.—It is proposed to construct a sewer on Aylwin street, from St. Catharine street northwards.

HAMILTON, ONT.—The following estimate has been prepared of the tar macadam pavements to be renewed in the event of the good roads by-law being passed: Veneered block pavement on John, Hughson, Emerald, York and Bay

streets, 18,146 square yards, block pavement on John, York, Oxford, James, King, William, Market, Stuart, Bay, Main, Barton, Herkimer, Wellington and Cannon streets, and on Victoria, East, Ontario and Grant avenues, 127,891 square yards; space between car tracks on King street east and west and on Barton street, 17,486 square yards; total, 163,523 square yards. In addition, it is proposed to put down 15,336 feet of stone curbing on King street east and west and Barton street, at 50 cents a foot, to cost \$7,668.—A sub-committee of the Fire and Water Committee has recommended that the construction of the third main be proceeded with at once, and that tenders be invited for the supply of the necessary pipe. The construction of an eight-inch main from Sherman avenue to the Hoepfner Refining Works, cost \$2,575, has been recommended, also that tenders be invited for enlarging the filtering basin at the beach.—Richard Buscombe has been granted a permit for five two-story brick dwellings and two stores, corner Peter and Locke streets, cost \$9,000.—Barton township council has passed a by-law giving the Hamilton Electric Light & Cataract Power Co. leave to erect poles and string wires along the highways in the township.

TORONTO, ONT.—The Education Department of Ontario invites competitive designs and specifications for the following: Four-roomed, three-roomed, and two-roomed school buildings, adapted for brick or stone, and a school with single room. The respective premiums offered are \$150, \$125, \$100 and \$80. Designs are to be received by the Hon. Minister of Education not later than noon of the first day of February, 1900.—The Mayor has received the order of the Railway Committee regarding the Lansdowne avenue crossing. The order agrees to a temporary crossing up to February, 1900, a permanent subway to be constructed in the meantime, one-half the cost to be borne each by the city and by the railway companies.—Symons & Rae, architects, invite tenders in this issue for the erection of a warehouse for the Copp, Clark Co.—Tenders are wanted at 65 Victoria street for erection of house.—Mr. Rogers, of the St. Lawrence Foundry Co., is taking tenders on erection of stairway.—Messrs. Chas. R. Palmer, of the Palmer House, with associates, are at present in Muskoka with the intention, it is said, of selecting a site for a summer hotel.—J. A. Ellis, architect, has been commissioned to prepare an estimate of the cost of remodelling and enlarging the Davenport Methodist church, of which Rev. H. S. Matthews is pastor.—The council has given notice of its intention to construct the following works: 24 foot asphalt pavement on Sussex ave., Spadina ave. to Borden street, cost \$9,810; 27 foot brick pavement on William street, Queen to Caer-Howell, cost \$16,630; 18 foot brick pavement on Boswell ave., Avenue road to Bedford road, cost \$4,530; 24 foot cedar

block pavement on Sumach street, King to Gerrard, cost \$5,950; 24 foot macadam roadway, Beau street, Elm ave. to South drive, cost \$1,180; 18 foot macadam roadway, River street, Gerrard to Spruce, cost \$940.

FIRES.

Three-story brick building at 303 and 305 St. James street, Montreal, occupied by W. Agnew & Co., W. E. Sanford Manufacturing Co., J. W. Nelles & Bros., and the Australian Fibre Chamois Co.; estimated loss, \$40,000.—R. T. Houston's sash factory at Tweed, Ont.; loss \$6,000, no insurance.—House in Belleville, Ont., owned by Wm. Dame.—Several buildings at St. Boniface, Man., were destroyed by fire on the 22nd inst., at a loss of \$40,000. The buildings include the post office, Guilbault & Cott's hardware store, R. J. Collin's provision store and J. E. Leclau's bazaar.—Grain elevator at foot of Bathurst street, Toronto, totally destroyed. Building was owned by the Board of Harbor Commissioners, and, with contents, was valued at \$10,000.—Dwelling houses at Brompton Falls, Que., owned by Mr. Latour and Mr. Blanchet.—Residence of Wm. Wilson at Springhill, N. S.; loss \$2,500.—Building at Yarmouth, N. S., owned by A. F. Stoneman & Co.

CONTRACTS AWARDED.

ALMONTE, ONT.—Skating rink: Allen C. Gilmour, successful tenderer, \$2,800.

SHERBROOKE, QUE.—Brickwork of new market building. Wm. Hawkins, contractor.

ST. JOHN, N.B.—Heating Hayward's store and warehouse on Canterbury street: F. E. McManus, successful tenderer.

STRATFORD, ONT.—The contract for 500 chairs for the city hall has been awarded to the Preston Furniture Co., at \$1.47 each.

QUEBEC, QUE.—Wilbrod Papineau has secured contract for placing drainage pipes on the citadel between Major Imlah's quarters and the main pipe.

GODERICH, ONT.—Addition to knitting factory: Buchanan & Rhynas, contractors; 36 x 56 feet, two storeys. Next spring new machinery will be added to the plant.

EDMONTON, N.W.T.—Tenders for \$2,725 twenty-year debentures and \$685 ten-year debentures were received as follows: Wood & Son, Toronto, \$3,621 (accepted); G. A. Stimson, Toronto, \$3,411; Drummond & Co., Kingston, \$3,575.

OTTAWA, ONT.—The new Sunday school building of the Fourth avenue Baptist church in this city will be heated by a No. 24 Kelsey warm air generator, manufactured by the James Smart Manufacturing Co., of Brockville, Ont.

NEW WESTMINSTER, B. C.—Terminal building for British Columbia Electric Railway Co.: David Bain, contractor; price \$7,445. Other tenderers were: H.

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J. Pound, \$8,463; Hugh Wilson, \$7,533; D. D. Grant, \$7,500; R. Seely, \$7,500; H. Layfield, \$7,522.

MONTREAL, QUE.—The contract recently secured by the Montreal Pipe Foundry Co. from the Dominion Iron & Steel Co. represents four miles of 36 inch cast-iron water pipe, and the figure is understood to be \$156,000.—Saxe & Archibald, architects, have let contract for three buildings on Aylmer street for R. Egan to John P. O'Leary.—J. P. O'Leary has secured contract for building an addition to the C.P.R. shops at Hochelaga.

BIDS.

QUEBEC, QUE.—The Harbor Commissioners last week opened tenders for \$200,000 first preference bonds, but the award was postponed until next meeting.

INSPECTION OF MATERIALS IN JAPAN.

In Mr. Ransome's new book, "Japan in Transition" (Harper Brothers), there is much which is instructive for contractors and others who have dealings with the Japanese. The following passage will suggest the strictness of the examination of engineering materials:

To give an idea as to the risk a manufac-

turer runs in accepting the local inspection clause with regard to goods from Japan, I cannot do better than refer to the large contract that was given out for cast iron pipes for the Tokyo waterworks. The contract in question amounted to 16,000 tons of pipes and bends of all dimensions, from 4 feet in diameter downwards. The order was divided between two English firms and one Belgian. The Belgian house put in a very low figure, and received an order for 10,000 tons out of the 16,000 tons. Of the 10,000 tons of Belgian pipes only 2,700 tons were accepted, and of the English 4,000 out of the 6,000. The greatest sufferer by the above transaction is the Belgian contractor, who took the risk of inspection in Japan on his own shoulders, and now finds himself saddled with three-fourths of his goods after delivering them half way round the world. The risk of the British pipes was taken by two firms of merchants in Japan, who supplied the goods in question, one being an English and the other a Japanese house. There is no doubt that, with the exception of a small percentage, the rejected pipes, whether or not they filled the specification to the letter,

were perfectly good for the purpose. The Belgian pipes were somewhat rough-looking and not always very close in the grain; but anyone having occasion, as I did, to go through the acres and acres of ground covered by these rejected goods, could only come to the conclusion that a gross injustice had been done all round. Apart from the loss to the contractors, it is estimated that the inspection alone has cost the government between 5,000 and 6,000. One is not surprised to learn, under these circumstances, that now the government are obliged to ask for further tenders, not a single firm, with or without a reputation, will quote.

BUSINESS NOTES.

A demand of assignment is reported to have been made upon Andry Vilant, contractor, Outremont, Que.

The assets of Enoch James, doing business in Montreal under the name of the Montreal Roofing Co., include moveables to the value of \$6,528.43, and property at 37-39 St. Antoine street, 78 Lagachetiere street, corner of Edward and Bleury streets, and a lot in the parish of St. Laurent. The claims of secured creditors amount to about \$20,000.

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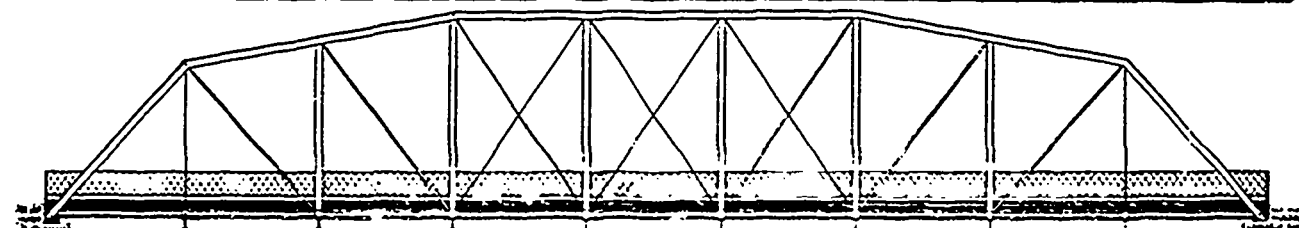
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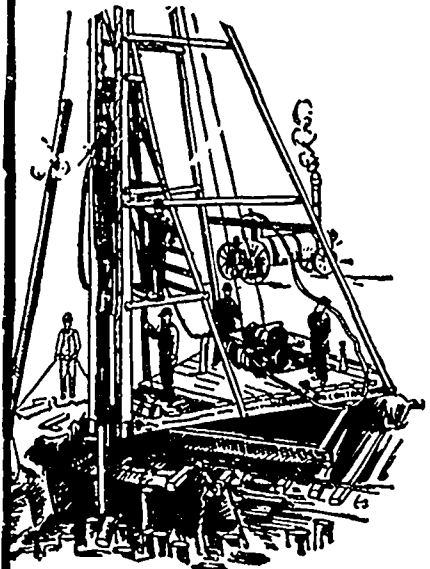
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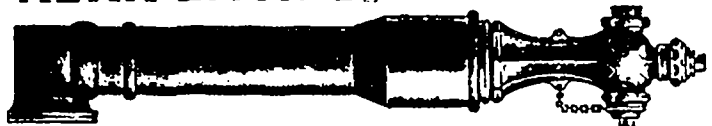
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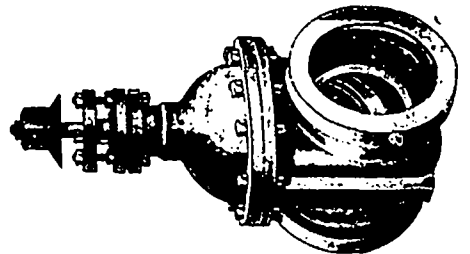
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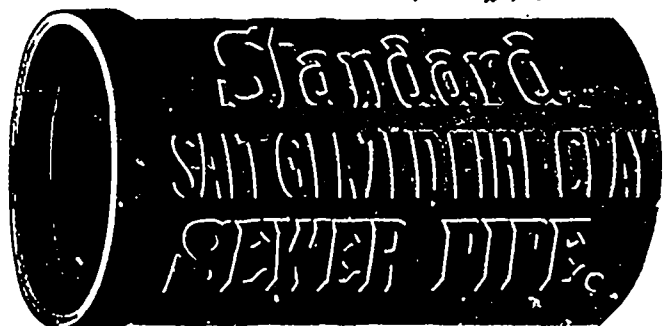
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MURPHY v. TOWNSHIP OF OXFORD.

Judgment on appeal of plaintiff from judgment of drainage referee dismissing the action, which was brought by the owner of part of lot 8 in the 4th concession of the township of West Oxford against the township corporation (1) for damages by reason of the construction by the defendants of culverts across the highway adjoining the plaintiff's farm, which has caused an overflow upon the farm, and (2) for a declaration that the drainage by-law adopted by defendants is invalid, because not founded on a proper petition, and for damages resulting from work done under that by-law. The referee held that he had no jurisdiction as to the second claim, and as to the first that the construction of the culverts was within the defendant's rights, and no negligence had been shown. Appeal dismissed with costs.

ATKINSON v. CITY OF CHATHAM.

Judgment on appeal by defendants from the judgment of Ferguson, J. (29 O. R. 518), awarding plaintiffs \$965 for damages for injuries caused by the collision of a vehicle in which the plaintiffs were seated, with a telephone pole erected on King street, in the city of Chatham. The horses attached to the vehicle ran away. The pole had been placed on the street 21 feet from one side of it, and the trial judge found that the street was out of repair within the meaning of the Municipal Act, and that the Bell Telephone Company, third parties, were not liable to indemnify defendants, because the pole in question had been placed in the street under the direction of the corporation inspector of streets. Appeal of defendants allowed as against the third parties with costs, and defendants to have judgment for relief over against such third parties with costs.

Crawford v. Township of Ellice. — Judgment on appeal by plaintiffs, Crawford, J. E. Kerr, and C. Kerr, from judgments of drainage referee dismissing the three actions brought by the appellants, which were referred by orders of Street, J. The actions were for damages and a mandamus directing defendants to properly maintain and repair the Matland drain. The damage alleged by the plaintiffs was the flooding of their farms, but the referee held that this was too remote, the rain and snow which came there in the course of nature having been the proximate cause of the loss complained of. With respect to the mandamus the referee held that defendants were proceeding bona-fide and were entitled to a reasonable time to begin repairs, which reasonable time had not elapsed when the actions were brought. Held, that

there was no sufficient notice under the statute of injury and call for repair, but that the actions should be referred back for assessment of damages. Appeal dismissed, but reference back directed.

ROBERTSON vs. CITY OF CHATHAM. — Judgment on appeal by A. K. Robertson from order of a Divisional Court (30 O. R., 158) affirming an order of Meredith, J., in Chambers, prohibiting the judge of the County Court of Kent from enforcing his decision allowing in part an appeal by Robertson from the decision of the Court of Revision for the city of Chatham confirming his assessment in respect of a sewer. The municipality of 1894, by by-law, adopted the local improvement system as to the making of sewers, and also passed a general by-law for the purposes mentioned, sec. 612 (1) of 55 Vic., ch. 42. The appellant's lands fronting on a street along which the municipality proposed to make a sewer were, with the other lands so fronting, assessed at a uniform rate per foot frontage, for a portion of the cost of the sewer, and certain lands not fronting on the street, but which would derive benefit from the sewer, were assessed for the remainder of the cost. The County Court judge found that the lands in question would be benefitted by the proposed sewer but that the assessment was too high, and he reduced it, directing that the amount struck off should be assessed pro rata over the other properties included in the assessment. The court below held that he had no jurisdiction to do so, and, having regard to the provisions of the Municipal Act, R.S.O., ch. 233, secs. 664-685, relating to local improvements, the method of assessment in such a case as this is to determine what proportion of the cost the

land fronting on the street shall bear, and what proportion the land not so fronting shall bear, and assess the proportion appertaining to each class according to its frontage, and not according to the proportion of benefit received by each parcel of lot of land. In this case there was a double difference of opinion. Osler, MacLennan and Moss, J.J.A., held that the equal frontage rate is still required by the statute, notwithstanding that the word "equal" has been dropped. Burton, C.J.O., and Lister, J.A., were of the contrary opinion. Burton, C.J.O., MacLennan, and Lister, J.J.A., were of the opinion that the functions of the County Court judge were at an end when the motion for prohibition was made, and there was nothing to prohibit, and therefore the motion for a prohibition should not have been granted. Osler and Moss, J.J.A., were of the contrary opinion. In the result, the appeal was allowed on the latter ground, with costs here and below.

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Mr. A. W. Campbell, Provincial Inspector in Road making for Ontario, will shortly pay a visit to Pittsburg and other large centres of Pennsylvania for the purpose of studying the effects achieved by the use of crude petroleum in constructing clay roads. American engineers claim that the use of oil in connection with clay roads sheds the water and prevents rutting. Mr. Campbell will make a careful investigation into the matter, and if he finds these statements borne out by the facts will recommend that recourse be had to crude petroleum in Western Ontario.



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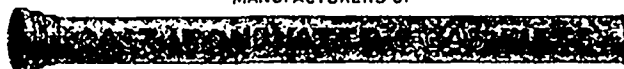
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" Dyckerhoff	3 05	3 25 2 75 2 90
North's "Candor".....	2 95	3 10 2 65 2 80
English, artificial, per bbl.	2 85	3 00 2 35 2 45
Belgian, natural, per bbl.	2 50	2 75 2 00 2 20
Canadian, artificial, " "	2 85	3 00 2 60 2 70
Roman.....		2 80 2 25
Parian.....	5 25	5 25 5 75 5 75
Superfine.....	4 25	4 75 8 25 9 00
" Karlstadt" (German)...	3 05	3 25 2 75 2 90
" Germania" (German)...	3 05	3 25 2 75 2 90
" Rooster" (Belgian)....	2 15	2 20 2 15 2 20
" Keystone" (Belgian)....	2 15	2 20 2 15 2 20
" Anvil" (Belgian).....	1 95	2 05
" Burham" (English)....	2 95	3 00 2 25 2 45
Hydraulic Cements -		
Thorold, per bbl.....	1 50	1 65
Queenston, ".....	1 50	1 50 1 60
Napanee, ".....	1 50	1 50
Hull, ".....	1 50	1 50
Ontario, ".....	1 25	

Keene's Coarse "Whites"...	7 50	8 00	6 50	7 00	Toronto. Montreal
Fire Bricks, Newcastle, per M	20 00	35 00	16 00	21 00	
" Scotch.....	30 00	35 00	19 00	21 00	
Lime, 100 lbs., Grey.....			25		
" " White.....			30		
Plaster, Calcined, N. B.....			2 00		1 10
" " N. S.....			2 00		1 10
Hair, Plasterers', per bag...	80	1 00			00

HARDWARE.

The following are the quotations to builders for nails at Toronto and Montreal:

Cut nails, 50d & 60d, per keg	2 65	2 65
Steel " " 111	2 75	2 75

CUT NAILS, FENCE AND CUT SPIKES.

40d, hot cut, per 100 lbs.....	2 65	2 65
10 to 12d, hot cut.....	2 75	2 75
8d, 9d, " ".....	2 80	2 80
6d, 7d, " ".....	2 95	2 95
4d to 3d, " ".....	3 05	3 05
3d, " ".....	3 30	3 30
2d, " ".....	3 65	3 65

Cut spikes, 10 cents per keg advance.
Steel nails, 10c. per keg extra.
Wire nails, 3-40 base price.

Iron Pipe:

Iron pipe, 1/2 inch, per foot... 6c.	6c.
" " 3/4 " " " " " " " "	7
" " 1 " " " " " " " "	8 1/2
" " 1 1/4 " " " " " " " "	12
" " 1 1/2 " " " " " " " "	17
" " 2 " " " " " " " "	24
" " 2 1/2 " " " " " " " "	30
" " 3 " " " " " " " "	43

Lead Pipe:

Lead pipe, per lb.....	7c. } 25 per cent.
Waste pipe, per lb.....	7 1/2 } cent.

Galvanized Iron:

Adam's—Mar's Best and Queen's Head and Opolla:	
16 to 24 guage, per lb.....	4 1/2 c.
26 guage, " ".....	4 1/2 5
38 " ".....	5 5 1/2
Gordon Crown—	
16 to 24 guage, per lb.....	4 1/2 4 1/2
26 guage, " ".....	4 1/2 4 1/2
38 " ".....	4 1/2 5

Note.—Cheaper grades about 1/4 c. per lb. less.

Structural Iron:

Steel Beams, per 100 lbs.....	2 75
" channels, ".....	2 85
" angles, ".....	2 50
" tees, ".....	2 80
" plates, ".....	2 55
Sheared steel bridge plate..	