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CANADIAN CONTRACT RECORD

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

EVERY THURSDAY

THIS PAPER REACHES EVERY WEEK THE TOWN AND CITY CLERKS, TOWN AND CITY ENGINEERS, COUNTY CLERKS AND COUNTY ENGINEERS THROUGHOUT CANADA.

Vol. 5.

OCTOBER 25, 1894

No. 38

THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY THURSDAY

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

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C. H. MORTIMER, Publisher,

CONFEDERATION LIFE BUILDING, TORONTO.
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New York Life Insurance Building, Montreal.
Bell Telephone 2249.

Information solicited from any part of the Dominion regarding contracts open to tender.

Advertising Rates on application.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, seconded by A. F. Dunlop, that the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors,—Resolved, that we pledge our support to it by using its columns when calling for Tenders."

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

Notice to Contractors

CANADIAN CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the Canadian Contractor's Hand-Book, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post-paid to any address in Canada on receipt of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authenticated information on a wide variety of subjects adapted to his daily requirements.

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TENDERS WANTED FOR DRAINAGE WORK.

Sealed tenders, endorsed "Tender for Drainage" and addressed to J. W. Place, Prescott, Ont., will be received up to the hour of 6 p.m. on SATURDAY, 3RD NOVEMBER, 1894, for the deepening, widening, straightening, etc., of the Nation River and Hills Creek from Lord's Mill, in the Town of Augusta to the Town Line, between Augusta and Elizabethtown.

Estimated Rock Excavation, 1,600 Yards.
Estimated Earth Excavation, 12,000 Yards.

Plans and specifications to be seen and forms of tender to be had at offices of Saunders & Wiggins, Engineers, Brockville, Ont., on and after 23rd October, 1894.

The line of proposed work is now staked out. A certified cheque for \$150.00 in favor of the undersigned Reeve must accompany each tender as a guarantee of good faith.

The lowest or any tender not necessarily accepted.

ROBT. L. JOYNT, Reeve.

SAUNDERS & WIGGINS, Engineers.

Augusta, 16th October. A. D. 1894.



Sealed Tenders addressed to the undersigned, and endorsed "Tenders for improvement of the Lower Narrows above Pembroke, River Ottawa, will be received until FRIDAY THE 23RD DAY OF NOVEMBER next, inclusively, for the improvement of the Lower Narrows of the River Ottawa, above Pembroke, Ontario, according to a plan and specification to be seen at the Post Office, Pembroke, and at the Department of Public Works, Ottawa.

Tenders will not be considered unless made on the form supplied and signed with the actual signatures of tenderers.

An accepted bank cheque payable to the order of the Minister of Public Works, for the sum of four hundred dollars (\$400.00) must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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, 18th Oct 1894.

BUSINESS NOTES.

John Bennett, builder, Richmond, Ont., is dead.

Napoleon Turcat, plumber, Montreal, has assigned.

Thomas McKee, contractor, Peterboro', Ont., has assigned.

Louis Vermette, contractor, Montreal, has assigned, with liabilities of \$5,000.

Niquet & Brunet have formed a partnership in Montreal to carry on business as joiners.

The firm of Aikenhead & Crombie, wholesale and retail hardware merchants, Toronto, has been dissolved.

F. B. McNamee, Wm. Mann, F. Simpson and W. G. Turner have formed a partnership in Montreal, as contractors, under the style of McNamee & Mann.

Beland & Martineau, lumber merchants, St. Roch's, Que., are reported to be in financial difficulties. Their liabilities will reach \$60,000.

CONTRACTS OPEN.

PAISLEY, ONT.—D. Fisher will rebuild his woollen mill.

SARNIA, ONT.—An effort is being made to obtain sufficient funds for the erection of a hospital.

VANCOUVER, B. C.—The ratepayers have voted in favor of purchasing an electric light plant, at a cost of \$100,000.

NAPANEE, ONT.—Tenders for the purchase of a number of debentures are invited by A. Oliver, Chairman Finance Committee, until the 29th of November.

ORILLIA, ONT.—Mr. Tait is making preparations for the erection of a brick dwelling. The foundation will be laid this season and the building proper commenced next spring.

GALT, ONT.—The Galt and Preston Street Railway Company will apply to the Legislature for authority to increase their capital stock to \$100,000, and to extend the line to Hespeler.

PORT HOPE, ONT.—P. R. Randall has been granted a franchise for the construction of an electric railway along the streets of this town and thence to Rice Lake, with probably a branch to Cobourg.

BROCKVILLE, ONT.—A firm of American capitalists are said to be negotiating for a franchise for an electric street railway along the streets of this town. W. H. Comstock, who holds the present franchise, is said to be willing to dispose of it.

ST. LAMBERT, QUE.—The Village Council have decided on the construction of a system of waterworks and drainage, and are inviting plans from engineers for a suitable system. Particulars may be obtained from the Sec.-Treasurer, James R. Beatty.

CORBEN, ONT.—A dam across the Gould Creek, 250 feet long and 35 feet high gave way last week. The electric power house was swept down the gorge for nearly a mile. The property was owned by Alex. McLaren, and the loss is estimated at \$9,000.

BEAMSVILLE, ONT.—The construction of waterworks is under consideration by the Council. The scheme is to build a reservoir at the mountain to be fed by springs, and mains to be laid extending to the village. The ratepayers will be asked to vote the sum of \$13,000 for the purpose.

COLLINGWOOD, ONT.—Fred. T. Hodgson, architect, is receiving tenders for putting in stone foundation under house on Third street.—Local capitalists are said to be considering the formation of a company to build an electric railway for the town, but no further information is available at present.

WINNIPEG, MAN.—The sum of \$200,000 will probably be expended on improvements and extensions to the waterworks system.—The Dominion Government will erect two dairy stations in this province this winter, at a cost of \$4,000 each. The sites have not yet been selected.

PORT DOVER, ONT.—Extensive improvements to the harbor here have been commenced. The Ontario and United States Transportation Company and the C. T. R. Company jointly are to spend \$60,000 on improvements in addition to the work to be carried out by the Government.

SAULT STE. MARIE, ONT.—It is reported that the Town Council has entered into an agreement with a company of capitalists to construct a complete system of waterworks and electric light. The waterworks contract provides for the laying of four miles of mains and 100 hydrants. The company also propose to erect a large pulp mill, and to expend about \$500,000 within three years.

HAMILTON, ONT.—Wm. Stewart & Son, architects, are inviting tenders until 6 p.m. to-day (Thursday) for erecting a dwelling house on Hannah street.—Building permits have been granted as follows: The Magee-Walton Ice & Coal Company, frame ice house on Strachan street, cost \$4,000; Dr. Farewell, two story brick dwelling on Bay street, between Markland street and Aberdeen avenue, cost \$5,000.

NIAGARA FALLS, ONT.—Messrs. Wm. Kyle and R. F. Segsworth, of Toronto, were in town recently in connection with the railway franchise which was recently purchased by Toronto capitalists. It is the intention of the company to convert the railway into an electric road, and to extend their line to Drummondville, Queenstown and Chippewa, and for this purpose the Town Council will be asked to grant a bonus of \$50,000.

QUEBEC, QUE.—It is said that the Federal Government has requested the C. P. R. and the parish of Ste. Anne de la Perade to contribute \$5,000 each towards the construction of a protecting embankment at that place, to which the Government would add an additional \$10,000.—The site for the proposed Champlain monument has not yet been selected. The monument is estimated to cost \$25,000.

KINGSTON, ONT.—The Montreal Transportation Co., will construct a new dry dock adjoining their shipyard here.—Plans have been prepared for improvements to James Reid's store on Princess street. A plate glass front will be put in and the main building will be enlarged.—The Campbell building on Princess street, owned by John Fisher, of Portsmouth, is to be improved by a plate glass front. An extension, 31 x 31 feet, will be built in the rear.

HALIFAX, N. S.—Ald. O'Donnell will erect a brick residence on Robie street.—Tenders for erecting a brick and stone building for the Deaf and Dumb Institute are invited by J. C. Dumaresq, architect, until 6 p.m. on Thursday, the 15th of November. Plans may be seen at the architect's office after the 30th inst.—Engineers from Ottawa recently inspected the site of the proposed drill shed. It is

expected the plans will be completed in a few days.

OTTAWA, ONT.—Mr. J. R. Booth has purchased a block of land on Commission street, with the object of building thereon the car shops for the Parry Sound railway. The organ in St. George's church is to be partially rebuilt at a cost of \$1,000. The site for the proposed Dominion Reformatory at Alexandria will be selected at an early date. The City Council has resolved to issue debentures to the amount of \$50,000 for the drainage of Da'house ward. The entire work is estimated to cost about \$200,000. Tenders for the erection of a monument at Chrysler's Farm, in the County of Stormont, will be received by A. Benoit, Secretary Militia Department, until Tuesday, the 30th inst. Plans may be seen at the above department.

MONTREAL, QUE. The question of erecting a new fire station for the West Ward is under consideration by the Finance Committee. A sub-committee has been appointed to report.—At a recent meeting of the Chambre de Commerce it was decided to abandon for the present the idea of erecting a new building suitable for their purpose.—Mr. H. R. Falboid, architect, has prepared plans for six tenement buildings to be built by a syndicate; for two three storey stone houses on St. Denis street for E. Trudel; for a three storey house on St. Dominique street for H. Cranger; and also for a three storey house on St. Dominique street for T. C. O'Brien.—The church of the new parish of St. Elizabeth at St. Henry will probably be commenced next spring.—The extensions to the Fabrique of the parish of Notre Dame will also be commenced next spring.—Building permits have been granted as follows: Mrs. G. A. Holland, one two storey stone and brick residence on Pine avenue, cost \$5,500; Frs. Lamoureux, one two storey brick tenement building on Beaudry street, cost \$1,500; A. Labelle, one three storey brick tenement building on Moreau street, cost \$1,300; M. Rochon, three three storey stone and brick tenement buildings on Tupper street, cost \$4,500 each; S. D. Vallieres, one three storey brick tenement building on Fullum street, cost \$1,700; S. Sleep, one two storey tenement brick building on Charron street, cost \$2,200.

TORONTO, ONT.—The by-law authorizing the City Council to expend the sum of \$120,000 in widening the Queen street subway was carried by the ratepayers on Saturday last. The work will now be proceeded with at an early date.—Tenders are invited by Mr. Edmund Wragge, local manager Grand Trunk Railway, until Friday, the 26th inst. for steam heating apparatus for the new Union Station. Plans may be seen at the office of the architects, Messrs. Strickland & Symons, Victoria street.—At the last meeting of the Parks and Gardens Committee, of the City Council, Commissioner Chambers submitted plans and estimates for work to be done in the Queen's park. The total cost of the works, which include a granolithic sidewalk and a carriage drive, is placed at \$4,523. Before taking any action, it was decided to find out what portion of the expense would be borne by the Provincial Government.—Regarding the Island improvements, the Commissioner reported that it would cost approximately \$11,000 to fill up the lagoons at Island Park, \$1,500 to make a proper roadway across the waterway, and \$4,000 for a new bridge with a 22 foot roadway, having stone buttresses, a span at each end of 30 feet, and a central span of 60 feet. The Committee decided to ask the Council to sanction the expenditure, and tenders may be invited at an early date.—The City Council has given notice of its intention to construct the following works: concrete cement sidewalks on Adelaide street from post-office to Church street; Queen street, from John street to Spadina ave., and Lombard street, from Church street to Victoria street, estimated cost, \$708, \$5,275 and \$1,280 respectively; cedar block roadway on Bloor st., from

Dufferin st. to Lansdowne ave., cost \$6,550; asphalt pavement on Leader Lane, cost \$1,164; granolithic sidewalk on Leader Lane, cost \$1,420. Messrs. Denison & Fellows, architects, have prepared plans for a new hotel to be erected at Hanlan's Point. In connection with the project there will also be constructed a bicycle track, a pavilion capable of seating 3,000 persons, and an electric light tower 300 feet high with an electric search light at the top. The cost of the several works will exceed \$100,000.—Building permits have been granted as follows: Geo. A. Elliott, 176 Roxborough st., pr. s. d. 2 story and attic bk. dwellings, 62-4 Roxborough ave., cost \$6,000; Toronto Street Railway Co., one story bk. car house, w. side Roncesvalle ave., cost \$20,000; C. Parker, 17 Boswell ave., 4 det. 2 story and attic bk. dwellings, s. e. cor. Avenue Road and Scollard st., cost \$12,000; John Trick, 95 Bloor st. w., det. 2 story and attic bk. dwelling, 42 Avenue road, cost \$6,000; Corporation of Toronto, an additional story and alterations to south end of St. Lawrence market, cost \$3,500.

FIRES.

The Northern Elevator Co.'s grain elevator at Portage la Prairie, Man., was burned last week. Loss \$25,000; insurance, \$12,000.—The premises of Stewart Bros., general merchants, Renfrew, Ont., were damaged by fire last week to the extent of \$2,500.—At St. Jerome, Que., on the 19th inst. fire destroyed Campeau's hotel, loss \$9,000; insurance \$4,000; a store and house owned by T. Lapointe, of Terrebonne, loss, \$8,000; insurance, \$5,000; Castonguay's house, loss \$4,000; insurance \$2,400; E. Guilbault's house and adjoining buildings, loss \$4,000; covered by insurance, N. Labelle's house, loss \$1,200; insurance \$800.—A frame building at 46 Wellington street, Toronto, owned by Barlow Cumberland, was damaged by fire on Sunday last to the extent of \$1,500.—An hotel building at Belocil Station, Que., owned by Mr. Loiseau, was consumed by fire last week. Loss, \$7,000.—The round-house of the Intercolonial Railway at Riviere du Loup, Que., was totally destroyed by fire on the 20th inst. The loss is estimated at \$200,000.—The Continental hotel at Madoc, Ont., has been destroyed by fire. Loss \$5,000.—A terrace of fifteen houses at Little River, Que., owned by Dr. Elliott, were destroyed by fire on the 23rd inst. The loss is \$17,000 and the insurance \$11,000.—The premises of W. C. White, boiler-maker, corner Brennan and Nazareth streets, Montreal, were damaged by fire on Tuesday to the extent of \$5,000, covered by insurance.—The Toronto House at Collingwood, Ont., has been burned. Loss, \$3,000; insurance, \$1,350.

CONTRACTS AWARDED.

WINNIPEG, MAN.—The contract for erecting a mission church on Dufferin avenue has been let to Robinson & Ames. The plans were prepared by Mr. Andrews.

LONDON, ONT.—The Middlesex County Council last week awarded the contract for a bridge at Bryon to T. E. L. Talbot, at \$1,745, on condition that he agree to complete the work by Dec. 20. Otherwise the next lowest tenderer, Tracy Bros. will receive the contract at \$1,748.

COLLINGWOOD, ONT.—The contracts for building a field stone half-timbered

house on the Mountain for Mr. B. B. Osler, Q. C., of Toronto, have been awarded as follows: masonry, R. Burdett; woodwork and finishing, Bryan Bros.; plumbing Wm. Anderson. The total cost of the house will be about \$10,000. The architect is Mr. E. B. Jarvis, of Toronto.

MONTREAL, QUE.—Mr. E. C. French, Canadian agent for the Babcock & Wilcox Co., of New York has recently closed contracts for 630 h.p. of boilers for the Dominion Coal Company, Sidney, C. B., and 372 h.p. for the new Union Station, Toronto.—Mr. H. R. Falbord, architect, has awarded contracts as follows: reconstruction of a school on Dorchester st., for R. E. Painchaud, plastering, T. Leclaire; two three storey stone front buildings, Rachel st., for Miss H. Picotte; carpenter and joiners' work, S. Paquette; plumbing and heating, Blouin, Girard & Collard; reconstruction of a store and tenement on St. Lawrence st., for H. Granger, general contractor, N. Lavoie; four three storey brick buildings at St. Henry, for A. Lawrence; excavation and stone work, Gauthier & Coté; carpenter and joiners' work, done by proprietor, other trades not let.

NEW COMPANIES.

MONTMAGNY, QUE.—Montmagny Manufacturing and Electric Co., incorporated; capital stock, \$10,000; to manufacture lumber and electric apparatus.

SMITHVILLE, ONT.—Safe Lock Metal Shingle and Siding Co., incorporated; capital, \$3,000; to manufacture and lay metal roofing and ceilings, cornices, etc.

PETROLEA, ONT.—Petrolea Light, Heat and Power Co., applying for incorporation, capital \$50,000, to pump oil by electricity from wells and to light the town by electricity.

OWEN SOUND, ONT.—Georgian Bay Portland Cement Co., incorporated; capital \$95,000; to manufacture cement, brick, tiles, etc., incorporators, H. B. Harrison, W. Taylor, N. P. Horton and others.

QUEBEC, QUE.—Quebec City and District Railway Company, applying for incorporation, to construct railways and electric tramways in the city and adjoining counties. Incorporators, Hon. L. P. Peletier, P. B. Dumoulin, of Quebec and others.

TORONTO, ONT.—Gold Dredging and Placer Mining Co., seeking incorporation; capital \$40,000; incorporators, J. Annes, J. Perkins, Alex. Leslie and H. H. Dewart, of Toronto, and J. Mulholland, of Charles City, Ohio.—Reid Bros. Mfg. Co., incorporated; capital \$50,000; to manufacture billiard and pool tables, also Reid's patent bent rim wood split pulley. incorporators, J. W. Reid, W. T. Reid, W. P. Despard and others.

USES OF RESIN.

There are many useful purposes to which resin can be applied outside of those of general practice. As a non conductor of heat it is used in the protection of water-pipes, particularly in crossing bridges, where the pipe is laid in the middle of a long box and the whole filled with melted resin. Resin is also used in supporting basement doors in machine shops, which may be laid over some dry material, as

spent moulding sand, which is carefully levelled off, and the planking laid upon temporary supports separating it about two inches above the sand. Numerous holes, about two inches in diameter, being bored through these planks, melted resin is forced through them by means of tunnels until the whole space is solidly filled, and then the upper flooring is laid upon these planks. In case the floor is subjected to shocks sufficient to break the resin, it rapidly joins together in much the same manner as the relegation of ice. Resin is also used to form waterproof paper for use in butcher's shops, fish markets, and also for building purposes, and strange to say this improvement reduces the cost of a paper. All methods of applying resin in solution after the paper is finished adds heavily to its cost and also renders it very brittle; but if resin is dissolved in potash and mixed with the pulp in the heating engine, and this alkali afterwards treated with alum, it becomes neutralized and washed away, leaving the finely diffused resin throughout the whole mass. It is also used for protecting the coarser manufactured products, such as agricultural implements, against rust, by mixing it in a solution with benzine. This is applied as a varnish, and the benzine rapidly dries away leaving a coat which protects the material until it goes to the severe service of actual use.—Engineering.

USEFUL HINTS.

A mixture of litharge and boiled oil makes a cement in which there is no moisture.

Bichromate of potassium renders glue insoluble after drying and exposure to sunlight.

DETERMINING STRAIGHTNESS BY SIGHT.—The straightest thing in nature or art is a ray of light when passing through a medium of uniform density; hence the eye is enabled to test the straightness of an edge or tube by holding it as nearly as possible coincident with a ray of light, such parts as depart from straightness then intercepting the ray and causing a shade to be cast upon other parts, says Engineering Magazine. It is not known at what early period in the history of mankind the discovery was made that straightness could be thus determined. It is certain that thousands of mechanics use the method daily without being able to give a rational explanation of it. This primitive mode of testing straightness, on account of its great convenience and accuracy, is likely to continue in use to the end of the world.

The Hamilton Bridge Company, of Hamilton, have assigned, as the result of a judgment obtained against them for \$10,000. The company is said to be able to meet its obligations.

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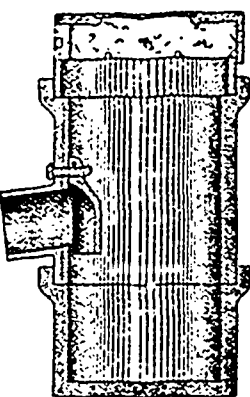
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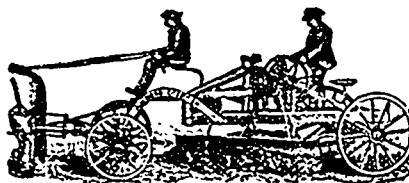
of Thorold Cement were used in the con-
 struction of the Great St. Clair Tunnel.
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JOSSON, PETERS and BURHAM Brands for highest class work.
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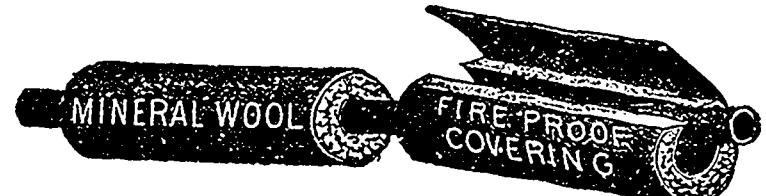
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All communications promptly answered.

Prices of Building Materials.

CONDITION OF THE MARKET.

Builders' supplies for the past week have been somewhat active, and prices are firm.

LUMBER.

CAR OR CARGO LOTS.

Table with columns for Toronto and Montreal prices for various lumber types like 1 1/2 inch clear picks, 1 inch clear, etc.

Table with columns for Toronto and Montreal prices for various building materials like White ash, Black ash, Dressing stocks, Bricks, etc.

Table with columns for Toronto and Montreal prices for various building materials like Cement, Lime, Plaster, Hair, Hardware, etc.

Table with columns for Toronto and Montreal prices for various building materials like COMMON BARREL NAILS, CLINCH NAILS, SHARP AND FLAT PRESSED NAILS, etc.

INDEX TO ADVERTISEMENTS In the "Canadian Architect and Builder."

Table listing various professionals and companies under categories like Architects, Cements, Heating, Roofers, etc.