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CANADIAN CONTRACT RECORD

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

Vol. 3.

Toronto and Montreal, Canada, February 4, 1893.

No. 52

THE CANADIAN CONTRACT RECORD,
PUBLISHED EVERY SATURDAY
As an Intermediate Edition of the "Canadian Architect and Builder."

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C. H. MORTIMER, Publisher,

CONFEDERATION LIFE BUILDING, TORONTO.
Telephone 2362.

64 Temple Building, Montreal.
Bell Telephone 2799.

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

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 30 and 31, 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 we 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

Subscribers and advertisers are requested to note that, beginning with the first number of Volume IV, in February, the CONTRACT RECORD will be published on THURSDAY, instead of SATURDAY, of each week. This change will ensure the prompt publication up to date of issue of contract news from all parts of Canada. After the date mentioned, news of this character, as well as advertisements, should reach the office of publication not later than noon on WEDNESDAY.

Mr. R. T. Sutton, who took a sub-contract from Medler & Arnott for dredging at the Queen's wharf, Toronto, has brought suit to recover \$8,600 on account of extras. Medler & Arnott are seeking to recover from the Harbor commissioners any amount for which they may be held liable.

NEW HOTEL AT BELLEVILLE TENDERS WANTED.

Sealed tenders addressed to the undersigned will be received until February the 11th, 1893, for the whole work, or the work of the several trades separately, required in the erection of a Hotel building for the Belleville Hotel Company at Belleville.

Plans and specifications may be seen at the temporary office of the architects on Bridge street, Belleville.

The lowest or any tender not necessarily accepted.

Contractors will have to sign a contract to be prepared by the solicitor of the company, and to give sufficient guarantee for the due performance thereof.

GILLEN & GILLEN, Architects,
Jan. 24th, 1893. Belleville P. O.



DREDGES WANTED Either New or Second-Hand. in GOOD WORKING ORDER.

1. A dredge having a capacity of from 1,000 to 1,500 cubic yards per day of 10 hours, in clay.
2. A hydraulic pump dredge capable of removing from 1,500 to 2,000 cubic yards of sand per day of 10 hours.

Address, CITY ENGINEER., TORONTO, CANADA, stating size, age, style, draught, power and other particulars, also the lowest cash price, delivered in Toronto, and the earliest date delivery can be guaranteed.

CONTRACTS OPEN.

ELMIRA, ONT. Several new buildings will be erected here in the spring.

KINGSTON, ONT. — It is said that a New York syndicate will erect a summer hotel at Wolfe Island to cost \$30,000.

NEWBORO, ONT. — O. E. Liston, architect, of Brockville, is preparing plans for a new Methodist church to be erected here.

DELHI, ONT. — Messrs Quance Bros., of this place, desire to secure a supply of ties of all kinds, delivered at the Delhi station.

CHATHAM, ONT. — The Dominion Leather Pulley Company is applying for incorporation with a capital stock of \$12,000.

TOTTENHAM, ONT. — Mr. Kennedy, of Barrie, has been appointed architect of the town hall and school house to be erected here this summer.

ELGIN, ONT. — Geo. A. Allan, architect, of Brockville, is preparing plans for a dwelling and store to be erected in this town for Mr. J. Dargavel.

FORT WILLIAM, ONT. — A by-law has been carried by the ratepayers granting a bonus of \$50,000 for a blast furnace, and \$15,000 to build a new school.

LONDON, ONT. — Messrs. McBride, Jones & Farncombe, architects, are asking for tenders until to-day (Saturday) for the erection of a brick residence.

MITCHELL, ONT. — Plans prepared by Messrs. Cuthbertson & Fowler, architects, of Woodstock, have been accepted for the new church to be erected here.

SARNIA, ONT. — J. D. Lowrie, Township Clerk, will receive tenders until Saturday, the 11th inst., for the repair of the Tallfourd street drain, in the township of Sarnia.

VICTORIA, B. C. — A charter will be asked for to build a railway from Nelson to Slocan Lake, via Slocan river, thence to New Denver, and having its terminus on the Arrow lakes.

HALIFAX, N. S. — The Board of Works of this city will receive tenders until the 6th inst for the supply of 4,500 barrels of cement and 150,000 bricks also for drain pipe including traps, bends and slants.

QUEBEC, QUE. — A presbytery is to be erected for the Rev. Theop. Monting curate of the parish of St. George (Beauce) to be built in stone and brick, plaster finish inside, metal roof, and hot water heating apparatus, cost \$6,000.

WINDSOR, ONT. — Messrs. Maycock & Newman, of this place, are preparing plans for Messrs. Gillman & Barnes for improvements on Fighting Island, the nature of which cannot yet be published, but will necessitate an expenditure of about \$30,000.

FARGO, ONT. — Geo. W. Huffman, of this place, will receive tenders until Friday next for the erection of a brick veneered parsonage at Huffman's corners, Harwich township. Plans may be seen at the office of T. J. Rutley, architect, Chatham.

BROCKVILLE, ONT. — The Town Council has decided to immediately construct sewers on Perth street from Brock to Abbott; and on Kincaid street, from Jones to the Gardiner Works. It has also been decided to purchase a quantity of quick lime.

SUBURVY, ONT. — Messrs. Warren & Perkins will call for tenders in a few days for the erection of a three-story brick hotel to cost \$1,500. — It is said that some parties contemplate erecting another hotel. Plans will be prepared by Mr. Kenny, of Collingwood.

CHARLOTTETOWN, P.E.I. — J. W. Morrison, Secretary Public Works, will receive tenders until Wednesday, the 15th inst., for the rebuilding of the Brae Bridge, lot 9, Prince County. Plans may be seen at the Department of Public Works, this city, and at the store of Mr. Strang Hart, Coleman Station.

BRANTFORD, ONT. — The Brantford Electric Light & Power Company intend to replace the wooden dam below Lorne bridge by a stone structure. — The report of the President of the Brantford Board of Trade recommends the erection of a Board of Trade building. It is probable plans may be prepared at once.

STRATFORD, ONT. — It is the intention of Mr. John Morris to erect another residence here, tenders for which will be asked by Mr. D. G. Baxter, architect, about the 11th of February. It will be of

red brick two stories high, with hot air heating, plumbing, mantel and grates, estimated cost \$3,500. Tenders will also be asked about the same date for a white brick addition to the residence of Mr. Joseph Salkald, cost \$1,480. — Mr. Baxter has also prepared plans for a red brick shingle residence for Mr. Daniel Ross, cost \$1,600. Tenders will be received for its erection until the 18th next.

WINNIPEG, MAN. — Tenders have been asked by the Committee on Works for the construction of a sewer on Mayfair avenue. — It is announced that the Canadian Pacific Railway Company will erect a large sorting elevator in this city. — The Young Men's Conservative Club is now making arrangements for the erection of a fine club building to cost \$40,000. — Two sets of plans have been received by the Public Works Department for the new court house. The authors are Mr. Geo. Brown and Mr. C. H. Wheeler. The cost of the new building will be about \$50,000. — Mr. James H. Ashdown, hardware merchant, will erect a large warehouse during the present year.

HAMILTON, ONT. — Messrs. William Stewart & Son, architects, have invited tenders for the erection of a three-story box factory. — A new Methodist parsonage is about to be erected at Tapleytown, plans for which have been prepared by J. L. Hills, architect, of this city. — Tenders will shortly be asked by the Board of Works for the annual supply of lumber, spikes, cedar blocks and other material. — Tenders are asked until to-day (Saturday) for constructing a wharf at Hamilton Beach for the Hamilton Steamboat Company. The Y. M. C. A. building here is to be improved, at a cost of from \$2,000 to \$3,000. — The Hamilton Street Railway Company will shortly commence the work of reconstructing its tracks on King, James, Barton and York streets. About \$5,000 worth of cedar blocks will be required for pavements if that sort is laid down, but the Board of Works is considering the advisability of laying Trinidad asphalt or some other permanent pavement.

MONTREAL, QUE. — Mr. S. Brown of Toronto, has purchased the property on the north-east corner of St. Catherine and Metcalf streets, containing an area of 3,610 feet. The present building will be pulled down in the spring and a new block erected on the site thereof, to cost from \$30,000 to \$35,000. — Mr. Greenough, M.P. and Mr. Beauharnois, M.L.A. for the Mountains, will apply to the Federal Government for subsidies to assist in the construction of a railroad between the City of Montreal and St. Placide and Green Bay. — The plan of Dominion Square, on which the proposed monument to the late Sir John Macdonald is to be erected, and the buildings that surround it, have been furnished by Mr. A. F. Dunlop, R. C. A., architect. The sculptors will be furnished with said information, and requested to send in designs at once. — Plans have been prepared and work started on two cottages and four dwellings on St. Catherine street, Cote St. Antoine for Mrs. H.

St. Denis. Mr. Dunlop, architect, is preparing ten sets of plans for cottages for the Victoria Investment Co. Plans for three stores on Bleury street, for Mr. A. Douglas, are also being prepared by Mr. Dunlop. The by-law granting a bonus of \$15,000 to the Grand Trunk Railway for the extension of its tracks to the village of Cote St. Paul has been carried by the ratepayers. Theo. Daoust, architect, is preparing plans for the following buildings: two large stores on Notre Dame street west, to be executed in lime stone, two large tenements on corner of St. Denis street and Pine ave. for Mr. A. Valquette; two houses on German street for Mr. J. B. Lagass; a Presbytery at Point Claire; a flat house on St. Urban street for the estate of J. Compte, to be solid brick, with terra cotta trimmings, two large flat houses on Atwater ave. for Mr. J. B. Brouillet.

PORT STANLEY, ONT.—Engineers have been taking measurements for the slip dock to be constructed by the London & Port Stanley Railway, and as soon as plans are completed tenders will be asked for.

TORONTO, ONT.—The Gendron Manufacturing Company will add another story to their premises on Duke street.—Mr. F. H. Herbert, architect, Yonge street arcade, is calling for tenders for alterations to the store front of Messrs. Guinane Bros., at 214 Yonge street. He is also preparing plans for a block of nine dwellings to be erected on D'Arcy street for Mr. Robert Brown, tenders for which will be called for shortly.—A deputation of Algoma property owners recently waited on Mr. A. S. Hardy, Commissioner of Crown Lands, and asked that \$5000 be expended in constructing a road between two lines of railroad a few miles south of Sudbury.—The architect of the new court house and city hall has been instructed to report as to the cost of making the roof and corridors of the new building fire-proof.—Plans and estimates have been prepared for the proposed gymnasium and eastern wing to be erected in connection with Trinity University.—The Toronto Rubber Co. are considering the removal of their factory from Dalhousie to this city, and have written to the Mayor asking what inducements the city would offer them. They would require about four acres of land for a site.—The McCormack Harvesting and Machine Company are looking for a location in Canada. The Company will expend about half a million dollars in buildings and plant.—At a meeting of the Public School Board held on Thursday last, Mr. Hambly gave notice of a motion requesting the Property Committee to consider the advisability of purchasing a suitable site in the northeastern part of the city to replace the present school building on Winchester street, also of purchasing a site in Rosedale on which to erect a new school.—Building permits have been granted as follows: E. Morrison, 9 Chicora ave., pr. s. d. 2 story bk. dwellings, 75 Shaw street, cost \$3,000; I. Thorne, 107 Nassau st., add. to store, s. e. cor. Nassau st. and Leonaid ave., cost \$900.

OTTAWA, ONT. The Secretary of the Department of Public Works will receive tenders until the 21st inst. for the extension of the piers and dredging at Port Albert. Plans may be seen on application to Mr. A. C. Hawkins, Port Albert, at the Department, this city.—A conference was held recently between the authorities of the C. P. R. and a special committee of the City Council with regard to the proposed new entrance of the C. P. R. into this city, at which Mr. Van Housen stated that if satisfactory arrangements can be made with the Government and the city, and the latter would give \$100,000 of a bonus to help build the proposed bridge over the Ottawa river, the company would turn off from their present line west of the Gatineau bridge, crossing and tunneling under Parliament Hill, run the Ottawa river to east of Nepean Point, thence to their present tracks on Oregon street, there to build a fine station at the foot of the locks. The cost of the pro-

posed bridge would be several hundred thousand dollars. The Ottawa end of the bridge would be in a hollow at the east side of Nepean Point, the station would be an elevated one, and would be accessible from both sides of the canal, as a bridge would have to be built over the river to allow the line to run along the foot of Parliament Hill. He estimated the total cost of making the change at one million dollars.—The following are the Government appropriations for 1893 for rivers and harbors in Ontario. Kingston harbor, \$8,000; Port Hope, repairs to pier, \$2,500; river Ottawa, improvements of steamboat channel, through narrows at Petewawa above Pembroke, \$1,000; Southampton, repairs to breakwaters, \$1,000; Meaford harbor works, \$1,900; Thornbury, \$3,900; Hamilton harbor, dredging, \$1,000; Trenton harbor, dredging, locality providing \$2,000, \$3,000; Toronto harbor works at eastern entrance, etc., \$75,000; Port Arthur, dredging, etc., \$13,000; Goderich harbor, extension of piers, \$15,000; Port Rowan wharf, \$4,000; Midland harbor, dredging, \$2,500; Port Arthur, dredging, \$5,000; general repairs and improvements to harbor and river works, also to bridges, \$5,000. The Ontario public building appropriations are as follows: Orillia public building, to complete, \$1,600; Port Arthur, post office, custom house, etc., to complete, \$4,600; Toronto drill hall, to complete, \$90,000; Smith's Falls post office, custom house, etc., \$18,500; Picton post office, custom house, etc., to complete, \$11,000; Kingston Royal Military College, model shed, \$1,500; Dominion public buildings, renewals and heavy repairs, \$25,000.—Tenders are invited by Mr. L. Crandel, chairman Building Committee, until noon on Saturday, 25th inst., for the erection of a Sunday school hall in connection with St. Andrews' Presbyterian church.

FIRES.

Two large general stores and the post office at Oil City, Ont., were destroyed by fire on Friday of last week entailing a loss of \$5,000. The buildings were owned by Messrs. Troit and Keating.—The dwelling house of Mrs. Stubbs at Stirton, Ont., together with the household furniture was totally destroyed by fire on Tuesday last. Loss, 15,000; no insurance.—The Montgomery House and a small block of stores on main street, Winnipeg, known as the Palmer block, was destroyed by fire on Friday of last week. The loss on the Montgomery House is placed at \$6,000.—Zion Methodist church, near London, Ont. has been destroyed by fire. Loss, \$3,000.—The Waverly Hotel at Newcastle, N. B. was burned to the ground on the 28th ultimo.—Fire at Campbellford, Ont., on Saturday of last week completely destroyed the woollen mill and contents. The loss including the machinery is estimated at \$20,000, most of which is covered by insurance.—T. A. Newman & Bros. brick block at Portage la Prairie, Man., has been destroyed by fire. The loss will be \$25,000, partly covered by insurance.—Beaubier's hotel at Brandon, Man., was destroyed by fire on the evening of the 30th inst. Loss \$15,000.—The Collegiate Institute at Ottawa, Ont., was destroyed by fire on Monday last. The loss will exceed \$25,000, which is covered by insurance.—On the 30th inst., fire destroyed a large tenement house at Quebec, owned by Mr. John Power.—On the morning of Thursday last, fire broke out in Bertrand's confectionery at Arrprior, Ont., and destroyed Galvin's block from Menzie's drug store down to the arcade building on John street. The loss of the stock is \$18,000.—The large planing mill at St. Thomas, Ont., situated on Moore street, and owned by Henry Lindop, has been totally consumed by fire together with a number of dwellings adjoining.—A very disastrous fire occurred in Montreal on the night of the 2nd inst. It started in the furniture establishment of Rolland & Bros., a fine six-story brick structure, with iron front, which was completely destroyed together with a five story brick building occupied by Hood, Main & Co., as a crockery store,

and a five story brick block containing two stores, owned by W. W. Ogilvie. The total loss is estimated at \$250,000.

CONTRACTS AWARDED.

LUKEC, N. S.—Mr. John McBride has been awarded the contract for building a steamboat wharf at this place. The contract price is in the neighborhood of \$8,000.

WOODSTOCK, ONT. The Globe Furniture Company have been awarded the contract for supplying the chairs for the new opera house in this town.

HAMILTON, ONT.—Messrs. Malcolm & Souter have been given the contract by the Hamilton Bridge Company for the interior fittings and furnishings by Mr. Gooderham's large steam yacht.

QUEBEC, QUE.—David Ouellet, architect, has awarded the following contracts. The inside decoration in wood of a church in the parish of Notre Dame du lac Temiscouata, M. M. Tardy & Souey, contractors, value \$5,000; the fresco decoration of the same church, Mr. G. Dorval, contractor, value \$3,500.

MONTREAL, QUE.—The following tenders have been received by the Road Committee for the construction of the Seigneurs street bridge: M. Desormeau, excavation, per cubic yard, \$1.38; masonry, chisel-dressed and rock-face lumped, at \$16.95; concrete, per cubic yard, \$16; piles, per lineal foot, 50 cents. O. Martineau, earth excavation, per cubic yard, 60 cents; rock excavation, \$1; masonry, rock-face, ashlar, \$13; chisel-dressed, \$14; concrete, per cubic yard, \$7; piles, per lineal foot, 22 cents. H. J. Beemer, earth excavation, 30 cents; rock, \$1; masonry, rock face, ashlar, \$9.80; chisel dressed, \$12; concrete, \$8; piles, per lineal foot, 35 cents. The total costs would be as follows: M. Desormeau, \$7,348; O. Martineau, \$5,400; H. J. Beemer, \$3,987. The contract for the foundation was therefore awarded to Mr. H. J. Beemer, and that for the superstructure to the Dominion Bridge Company for \$4,100. Theo. Daoust, architect, has awarded the contract for interior fittings of six stores, corner St. Lawrence and Sherbrooke streets, to Lalonde & Girard. The contract for roofing the same building has been given to Mr. E. Chanteloup.

When timbers are built into houses it is impossible to impregnate them with poison. If they are attacked by dry rot, it will be necessary to find out the extent of the disease. This can be done, to some extent, by a scratching noise being made at one end of the beam, and listening at the other, for if the fibers are intact the sound will readily be conveyed, if the beam is decayed, it will give a dull sound on being tapped, and will allow a gimlet to penetrate it very readily. If the fungus has only penetrated a short distance the beam may be painted with corrosive sublimate, dissolved in methyl alcohol. Methyl alcohol has great penetrating power, and acts as a vehicle to convey the corrosive sublimate into the texture of wood, evaporating in time, and leaving the corrosive sublimate behind to do its work. In a slight attack, hot lime wash may be sufficient. Notwithstanding, however, the fact that decayed wood will absorb the washes more readily than sound, these frequently do not penetrate to a sufficient depth, and as only those parts of mycelium of the fungus are killed which are in contact with the poison, the hyphae in the deeper parts of the timber remain as active as ever, the rot is not stayed, but its ravages are now hidden from view. —Southern Architect.

The Board of Works of the city of Toronto, under the direction of the city engineer, constructed last year five miles of sewers, 30 miles of wooden sidewalks, 80 roadways. The improved sidewalks were principally of concrete, stone having been found to wear badly. Of the roadways 2½ miles were cedar blocks on sand, 3½ miles asphalt, 2½ miles asphalt on the track allowance, 8½ miles cedar on concrete, which, with other smaller amounts of improved pavement, made a total of 19½ miles.

MUNICIPAL DEPARTMENT.

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

Judgment in the case of the Canadian Pacific railway against the town of St. Johns, to recover \$10,000 bonus offered to the company as an inducement to bring their line to that town, was rendered in the Superior Court at Montreal by Mr. Justice Charland in favor of the town and against the company. The main reason for dismissing the action was the illegality of the by-law appropriating the money. It is understood the Canadian Pacific railway will go to appeal.

MORSE V. LAMB.—Judgment upon appeal by the plaintiff under sec. 95 of the Registry Act as amended by sec. 8 of 53 Vic., ch. 30, from the decision of the inspector of registry offices upon the dispute between the plaintiff and the registrar of deeds of the east and west ridings of the county of York in regard to the question of fees payable to the registrar for an abstract of the lands in premises in question in this action subsequent to the plaintiff's mortgage. The inspector decided that the registrar was properly entitled to charge a fee of 25 cents on each lot for a search as marked on the plan of the lands which was made and filed after the plaintiff's mortgage, the mortgage having been made and registered before the subdivision into smaller parcels by the mortgagor. The learned judge considers the question (which is one of first impression) exhaustively and comes to the conclusion that the registrar is entitled to make a charge for a general search only on the lot or lots in regard to which the abstract is required, and has no right to make the charge of 25 cents on each subdivided lot. Appeal allowed without cost.

VALUE OF GOOD ROADS.

Prof. Carson, a very high authority, says as the result of experiments, that the same horse power will draw on a gravel road 139 per cent. and on a macadam road 313 per cent. of the load it will draw on good earth road. Quite a number of authorities state that if our roads were first-class earth roads only, the same power would, on the average, draw at least three times as great a load as now. Prof. Sanborn states that while neither the best nor the worst of earth roads were available for his trials, he found that the difference in draft on the best and on the poorest roads that he used, was nearly 300 per cent. A good authority states that first-class gravel roads would save from one-half to two-thirds of cost of wagon transportation. If before we put on the gravel we pared down hilltops somewhat and put the earth in the valleys, we would effect another saving—one very large compared with the expense. Gilmore's tables show that the power that will draw one hundred pounds on a level earth road will draw only seventy-five pounds on a grade of three feet to the hundred, only sixty pounds when the grade is six feet, only fifty pounds when the grade is nine feet, and only thirty-seven pounds when the grade is fifteen feet to the hundred.

One of the most important problems which confronts many cities is some systematic plan of labelling the street names at their intersections. All sorts of plans have been tried. Formerly, in Philadelphia, the names were painted in black letters upon small board signs fastened against the sides of the houses. Then the system of cast iron letters surrounding the lamp post was introduced. Both of these,

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however, have objections. The wooden signs in course of time became battered and illegible from lack of paint.

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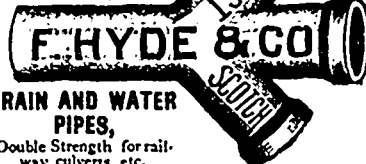
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A. & E. LOIGNON, CIVIL ENGINEERS.

Bridge and Structural Iron Work. Steel Beams kept in stock. Plans, Estimates and Specifications. WORKS: ST. COLUMBAN ST. AND CANAL SIDE, MONTREAL. OFFICE: 7 PLACE D'ARMES, Telephone 9777.

MUNICIPAL OFFICIALS MINERAL WOOL



are made use of for deadening sound in floors and partitions, insulation of heat and cold, fireproofing etc., also SECTIONAL MINERAL WOOL COVERING for steam pipes, boilers, exposed water pipes, etc.

Montreal Agent: GEO. A. COWAN, Room 23, 201 James Street.

Canadian Mineral Wool Co., Limited, 122 Bay Street, TORONTO.

HAMILTON AND TORONTO SEWER PIPE CO.



FOR SEWERS, CULVERTS, AND WATER PIPES. INVERTS Fire Brick Sewers

HEAD OFFICE AND FACTORY, HAMILTON, CANADA.

Drummond McCall Pipe Foundry Company,

MONTREAL MANUFACTURERS OF

CAST IRON WATER AND GAS PIPES

WORKS: LACHINE, QUE.

PRICES ON APPLICATION.

THE STANDARD DRAIN PIPE CO.

OF ST. JOHNS, P. Q., (LIM.)



Manufacturers of Salt-Glazed, Vitriified SEWER PIPES

Double Strength Railway Culvert Pipes, Inverts, Vents,

AND ALL KINDS OF FIRE CLAY GOODS.

Canadian Bridge & Iron Co.

MONTREAL.

Architectural Ironwork a Specialty.

Pleased to furnish estimates.

THE J. C. EDWARDS

Vitriified Terra Metallic Paving Brick

FOR STABLE, COACH HOUSE, BOILER HOUSE, BREWERY FLOORS AND YARDS Also all places of heavy and light traffic.

The only Genuine Vitriified Brick. The best in the world for Sidewalks & Street Crossings

FRONT-PROOF, WATER-PROOF, TIME-PROOF

JOHN S. CUTHBERTSON

AGENT FOR CANADA, Room 64, Temple Building, Montreal. PRICES ON APPLICATION.

**CENTRAL BRIDGE AND - -
- - ENGINEERING COMPANY,
(LIMITED)**
Peterborough, Ont.
WM. H. LAW, Manager and Engineer.
MANUFACTURERS OF

RAILWAY AND HIGHWAY BRIDGES

Viaducts, Piers, Roofs, Turntables and
Girders in Steel and Iron.
Tension members forged without welds. Riveting
done by hydraulic or compressed air machinery.
Specialties: Good workmanship and strict adherence
to specifications and drawings.
CAPACITY: 2,000 TONS PER ANNUM.

**St. George's Patent Sectional
VITRIFIED CLAY SEWER**

CAST IRON STREET GULLEY.

Over 5000 Gulleys are now in use in the following
localities: Montreal, Toronto, Ottawa, Quebec, St. Catharines,
St. John's, Peterborough, Owen Sound, Sarnia,
Cape St. Antoine, Sherbrooke, London, New Glasgow,
N.S. A saving of \$22 on each gulley over the brick
gully.



LEWIS SKAIFE,
MANAGER,
Room 215, New York Life Building,
MONTREAL.

**Prices of Building Materials:
LUMBER.**
CAR OR CARGO LOTS.

	Toronto.	Montreal.
1 1/2 to 2 clear picks, Am. Ins.	30 00	40 00
1 1/2 to 2 three uppers, Am. Ins.	37 00	40 00
1 1/2 to 2 and 1/2 dressing, Am. Ins.	27 00	30 00
1 1/2 inch clear	52 50	60 00
1 1/2 to 2 and 1/2 dressing and better	18 00	20 00
1 x 10 and 12 mill run	13 00	14 00
1 x 10 and 12 dressing	14 00	16 00
1 x 10 and 12 common	13 00	8 00
1 x 10 and 12 spruce culls	10 00	11 00
1 x 10 and 12 maple culls	9 00	9 00
1 inch clear and picks	28 00	30 00
1 inch dressing and better	18 00	20 00
1 inch siding, mill run	14 00	16 00
1 inch siding, common	11 00	12 00
1 inch siding, ship culls	10 00	11 00
1 inch siding, mill culls	8 00	9 00
Call scantling	8 00	9 00
1/2 and thicker cutting up plank	22 00	22 00
1 inch strips, 4 in. to 8 in. mill	14 00	15 00
1 1/2 inch flooring	14 00	15 00
1 1/2 inch flooring	14 00	16 00
XXX shingles, sawn, per M	2 30	2 30
XX shingles, sawn	1 30	1 30
YARD QUOTATIONS.		
Mill cull boards and scantling	10 00	10 00
Shipping cull boards, promiscuous widths	13 00	13 00
Shipping cull boards, stocks	16 00	16 00
Hemlock scantling and joist up to 16 ft.	11 00	12 00
Hemlock scantling and joist up to 18 ft.	12 00	13 00
Hemlock scantling and joist up to 20 ft.	13 00	14 00
Scantling and joist, up to 16 ft	14 00	14 00
" " " " " " " "	15 00	15 00
" " " " " " " "	16 00	16 00
" " " " " " " "	17 00	17 00
" " " " " " " "	18 00	18 00
" " " " " " " "	19 00	19 00
" " " " " " " "	20 00	20 00
" " " " " " " "	21 00	21 00
" " " " " " " "	22 00	22 00
" " " " " " " "	23 00	23 00
" " " " " " " "	24 00	24 00
" " " " " " " "	25 00	25 00
" " " " " " " "	26 00	26 00
" " " " " " " "	27 00	27 00
" " " " " " " "	28 00	28 00
" " " " " " " "	29 00	29 00
" " " " " " " "	30 00	30 00
" " " " " " " "	31 00	31 00
" " " " " " " "	32 00	32 00
" " " " " " " "	33 00	33 00
" " " " " " " "	34 00	34 00
" " " " " " " "	35 00	35 00
" " " " " " " "	36 00	36 00

Toronto. Montreal.

Cutting up planks, 1 1/2 and thicker dry	25 00	26 00	25 00	26 00
Cutting up planks, 1 1/2 and thicker, board	18 00	18 00	18 00	18 00
Cedar for block paving, per cord	5 00	5 00		
Cedar for Kerling, 4 x 14, per M	14 00	14 00		
1 1/2 in. flooring, dressed, F.M.	31 00	31 00	31 00	31 00
1 1/2 inch flooring, rough, F.M.	28 00	28 00	28 00	28 00
1 1/2 " " dressed, F.M.	30 00	30 00	30 00	30 00
1 1/2 " " undressed, F.M.	19 00	18 00	19 00	19 00
1 1/2 " " dressed, F.M.	22 00	18 00	22 00	22 00
1 1/2 " " undressed, F.M.	15 00	15 00	15 00	15 00
Beaded sheering, dressed	22 00	22 00	22 00	22 00
Clapboarding, dressed	11 00	11 00	11 00	11 00
XXX sawn shingles, per M	2 35	2 35	2 35	2 35
Sawnlath	2 00	2 00	2 00	2 00
Cedar	2 00	2 00	2 00	2 00
Red oak	30 00	30 00	30 00	30 00
White	45 00	45 00	45 00	45 00
Hasswood, No. 1 and 2	18 00	18 00	18 00	18 00
Cherry, No. 1 and 2	70 00	70 00	70 00	70 00
White ash, No. 1 and 2	25 00	30 00	25 00	30 00
Black ash, No. 1 and 2	18 00	18 00	18 00	18 00
Dressing stocks	16 00	16 00	16 00	16 00
Picks, American inspection	40 00	40 00	40 00	40 00
Three uppers, Am. inspection	50 00	50 00	50 00	50 00
BRICK—# M				
Common Walling	7 50	6 00		
Good Facing	9 00	8 50		
Sewer	8 50	9 00	8 50	9 00
Pressed Brick, Per M				
Plain brick, f. o. b. at Milton	18 00			
" " " and quality	14 00			
" " " 3rd	10 00			
Hard Building	8 00			
Moulded and Ornamental, per 100	3 00	10 00		
Roof Tiles	74 00			
Diamond locking tile	16 00			
First quality, f. o. b. at Campbellville	18 00	23 00		
2nd quality, f. o. b.	14 00	20 00		
3rd	11 00	17 00		
Ornamental, per 100	3 00	10 00	3 00	10 00
Tiles	24 00	26 00		
Plain brick, "A" f. o. b. Don Valley	18 00	25 00		
" " " " " " " "	16 00	22 00		
" " " " " " " "	13 00	18 00		
Trojan or Buff	24 00	30 00		
Ornamental, per 100	3 00	60 00	3 00	60 00
Plain brick, f. o. b. Port Credit	18 00			
" " " " " " " "	13 00			
" " " " " " " "	10 00			
Hard Building	8 00			
Ornamental, per 100	3 00	10 00		
SAND.				
Per Load of 1 1/2 Cubic Yards	1 25	1 25		
STONE.				
Common Rubble, per ton, delivered	14 00	14 00		
Large flat Rubble, per ton, delivered	18 00	18 00		
Foundation Blocks, per c. ft.	50	50		
Kent Freestone Quarries, Moncton, N. B., per cu. ft., f. o. b.	1 00			
River John, N. S., brown Freestone, per cu. ft., f. o. b.	80	95		
Balochmyle	80	95	65	75
New York Blue Stone			1 05	
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.			25	25
Most Freestone			70	80
Thomson's Gatalawbridge, cu. ft. toise, delivered			75	80
Credit Valley Rubble, per ton, delivered	13 00	14 00		
Credit Valley Brown Coursing, per superficial yard	2 50	3 00		
Credit Valley Brown Dimension, per cubic foot	90	90		
Credit Valley Grey Coursing, per superficial yard	1 50	2 00		
Credit Valley Grey Dimension, per cubic foot	75	80		
Madoc Rubble, delivered, per ton	14 00	14 50	14 00	14 50
Madoc dimension floating, f. o. b. Toronto, per cubic ft.	70	32		
Ohio Freestone, No. 1 Blue Promiscuous f. o. b.	60			
No. 1 Blue Dimension	63			
No. 1 Buff Promiscuous	80			
No. 1 Buff Dimension	85			
The above prices means freight and duty paid.				
2 in. sawed flagging per sq. ft.	21			
3 1/2 " " " "	13 1/2			
4 " " " "	16 1/2			
4 1/2 " " " "	22			
5 " " " "	27 1/2			
6 " " " "	33			
Duty to be added to these prices.				
Quebec and Vermont rough granite for building, per poses, per c. ft., f. o. b. quarry	33	1 50		
For ornamental work, cu. ft.	35	2 0		
Granite paving blocks, 8 in. to 12 in. x 6 in. x 4 in., per M	50 00			
Granite curbing stone, 6 in. x 20 in., per lineal foot	70			
SLATE.				
Roofing (# square)				
" " red	14 50	16 00		
" " purple	9 00	8 00		
" " unslating green	8 50	6 00		
" " black	7 50	7 50		
Terra Cotta Tile, per sq.	22 00			
Ornamental Black Slate Roofing	7 50			
PAINTS. (In oil, # lb.)				
White lead, Can., per 100 lbs.	6 25	6 50	6 00	6 25
" " zinc, Can.	6 50	7 50	7 50	8 00
Red lead, Eng.	3 1/2	6 1/2		
" " venetian, per 100 lbs.	2 60	1 75	1 60	1 75
" " vermilion	9 00	7 00	9 00	7 00
" " Indian, Eng.	10	12	10	12
Yellow ochre	5	10	4	6
Yellow chrome	15	20	15	20
Green, chrome	7	12	7	12
" " Paris	25	40		

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Black lamp	15	25	12	25
Blue ultramarine	15	20	18	28
Oil, linseed, raw, per gal.	68	68	61	65
" " refined	78	71	66	68
Putty	2 1/2	1 1/2	2 1/2	1 1/2
Whiting, dry, per 100 lbs.	75	1 00	60	75
Paris white, Eng., dry	90	1 25	9	1 10
Litharge, Am.	6 1/2	8	6 1/2	8
Sienna, burnt	15	30	18	15
Umber	8 1/2	12	12	15
CEMENT, LIME, etc.				
Cement, Portland, per bbl.	2 60	2 50		
" " Thorold	1 50			
" " Queenston	1 50			
" " Napanee	1 50			
" " Huron	1 50			
" " Ontario	1 10			
" " German	2 65	2 85		
" " London	2 45	2 90		
" " Newcastle	2 35	2 50		
" " Belgian	2 35	2 40		
" " Co. adian	2 35	2 30		
" " Roman	2 75	2 30		
" " Parian	4 00	4 75		
" " Superfine	6 50	7 00		
Keene's Coarse "Whites"	4 50	4 75		
Calcined plaster, per barrel	1 50	1 70		
Fire Bricks, Newcastle, per M Scotch	20 00	24 00		
Lime, Per Barrel, Grey	40			
" " White	55			
Plaster, Calcined, N. S.	2 00			
" " N. S.	2 00			
Hair, Plasterers', per bag	80	1 00		
HARDWARE.				
Cut nails, 5 d & 6 d, per keg	2 40	2 25		
Steel	2 50	2 35		
CUT NAILS, FENCE AND CUT SPIKES.				
40d, hot cut, per 100 lbs	5	5		
30d, " "	5	10		
30d, 16d and 20d, hot cut, per 100 lbs	15	15		
10d, hot cut, per 100 lbs	20	25		
8d, 6d, " "	25	25		
6d, 7d, " "	40	40		
4d to 5d, " "	60	60		
3d, " "	1 00	1 00		
2d, " "	1 50	1 50		
4d to 5d cold cut, not polished or blued, per 100 lbs	50	50		

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3d to 3d cold cut, not polished or blued, per 100 lbs.	90	90		
PINK BLUED NAILS.				
3d, per 100 lbs.	1 50	1 5		
2d, " "	2 00	2 0		
CARING AND BOX, FLOORING, SHOOK AND TOBACCO BOX NAILS.				
12d to 30d, per 100 lbs.	50	50		
10d, " "	60	10		
8d and 9d, " "	75	75		
6d and 7d, " "	90	90		
4d to 5d, " "	1 10	1 10		
3d, " "	1 50	1 50		
FINISHING NAILS.				
3 1/2 to 3 1/2 inch, per 100 lbs.	85	85		
3 to 3 1/2 " " " "	1 00	1 00		
2 to 2 1/2 " " " "	1 15	1 15		
1 1/2 to 1 1/2 " " " "	1 35	1 35		
1 1/4 " " " "	1 75	1 75		
1 1/2 " " " "	2 25	2 25		
SLATING NAILS.				
5d, per 100 lbs.	85	85		
4d, " "	45	85		
3d, " "	1 25	1 25		
2d, " "	1 75	1 75		
COMMON BARREL NAILS.				
1 inch, per 100 lbs.	1 50	1 50		
7/8 " " "	1 75	1 75		
3/4 " " "	2 25	2 25		
CLINCH NAILS.				
1 1/2 and 2 1/2 inch, per 100 lbs.	85	85		
2 and 2 1/2 " " " "	1 0			