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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.

SEPTEMBER 27, 1894

No. 34

**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.

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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. E. 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."

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## 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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## NOTICE TO CONTRACTORS

Plans and specifications of the Brick Building proposed to be erected by the United Counties of Leeds and Grenville for use as a House of Industry, and the out-buildings in connection therewith, may be seen on and after Thursday, the 27th inst., at the office of G. A. Allan, Architect, Brockville, and at the residence of J. B. Saunders, Esq., Athens.

Tenders, addressed to the undersigned, will be received up to 12 a.m. on

THURSDAY, THE 4TH DAY OF OCTOBER NEXT,

and must be marked "Tender for Construction of House of Industry Buildings," and be accompanied by a certified bank cheque for \$500, payable to the order of the undersigned, which cheque will be forfeited should the party tendering refuse to sign the contract when called upon to do so.

The lowest or any tender not necessarily accepted.

R. L. JOYNT,  
Chairman of Building Committee  
P.O. Box 519, Brockville.

Brockville, Sept. 14th, 1894.



## Notice to Contractors

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to 11 o'clock a.m. on SATURDAY, 29th SEPTEMBER, 1894, for the following work:

### A CONCRETE WALK

On Front Street, from Simcoe Street 50 feet easterly.

Specifications may be seen and forms of tender obtained on and after Monday, 24th inst., at the office of the City Engineer, Toronto.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent on the value of the work tendered for under \$1,000, and 1½ per cent, for the work tendered for over that amount, must accompany each and every tender, otherwise they will not be entertained.

All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications) or they will be ruled out as informal.

The committee do not bind themselves to accept the lowest or any tender.

DANIEL LAMB,

Chairman of Committee on Works.

Committee Room, Toronto, Sept. 22, 1894.

### BUSINESS NOTES.

Elson & Asselstine, contractors, Odessa, Ont., have dissolved partnership.

Colbert & Warner, plumbers, Victoria, B. C. have dissolved; John Colbert continues.

Cyrille Bourassa, contractor, Montreal, has placed his estate in the hands of an assignee.

Hammit & McLeod, sash and door factory, Armstrong, B. C., have dissolved partnership.

The firm of Withrow & Hillock have carried on an extensive lumber and planing business in Toronto for some years, but owing to depression in real estate and the dullness of the building trade have been compelled to call a meeting of their creditors, which, it is thought, will result in an assignment being made.

### CONTRACTS OPEN.

FREDERICTON, N. B.—A new railway depot will be erected here next spring.

SOREL, QUE.—A new station for the Montreal and Sorel Railway is spoken of.

TRURO, N. S.—Steps are to be taken at once to provide an additional water supply.

GRAVENHURST, ONT.—The site for the proposed High School building has not yet been selected.

KNOWLTON, QUE.—The Methodist congregation are considering the erection of a new church.

HINTONBURG, ONT.—Arrangements are being made for the erection of a Methodist church.

HULL, QUE.—The extension of the waterworks is to be commenced at once by Joseph Bourque, of Ottawa.

MONTMORENCY, QUE.—The Montmorency Cotton Co. is calling for tenders for a large brick and stone warehouse.

CHESLEY, ONT.—The residents have subscribed the sum of \$3,300 towards the erection of a brick station by the G. T. R.

LONDON, ONT.—Messrs. Fox & Brown, of 869 Wellington street, will erect a brick veneer residence on Hyman street, to cost \$2,000.

BRANTFORD, ONT.—Construction work on the Toronto, Hamilton and Buffalo railway at this end of the line is to be commenced at once.

STRATFORD, ONT.—The City Council has recommended the purchase of an electric light plant by the city and the erection of a fire hall.

HUNTINGDON, QUE.—The Village Council has decided to purchase a steam fire-engine. A system of waterworks and drainage for the town is also required.

ATHENS, ONT.—Plans have been prepared for the new Industrial Home to be erected here. The building will be 144 x 45 feet, two stories and basement.

AYLMER, QUE.—The Town Council last week passed a by-law granting to E. J. Rainboth, C. E., of Ottawa, the privilege of constructing a system of waterworks for the town. The cost will be about \$35,000.

QUEBEC, QUE.—The City Council has recently placed on the market \$500,000 of city debentures. The money realized will be expended on improvements to be made in the new St. Sauveur Ward.

HALIFAX, N. S.—The erection of a summer hotel on the North-West Arm is under consideration by local capitalists. The proposed site is at the foot of South street, and tenders have been asked for building a retaining wall there.

PORT ARTHUR, ONT.—The erection of the proposed large pulp and paper mill at Kakabeka Falls is likely to be proceeded with in the near future. A representative of an English firm recently visited the site, with a view to supplying the machinery.

VICTORIAVILLE, QUE. Tenders will be received until the 1st of October for the construction of a market building.

The Furniture Manufacturing Company is calling for tenders for the erection of a factory here.

WINNIPEG, MAN. The Committee on Works is receiving tenders this week for the construction of artificial stone sidewalks. The C. P. R. land department are preparing extensive plans for the irrigation of the company's lands in those districts of Assiniboia and Alberta lying along the main line. Work will probably not be commenced until next spring.

KINGSTON, ONT.—John Haggart, of this city, will build a new residence on Sugar Island, six miles from Gananoque. A dock will be built there this winter. The Kingston Vehicle Co., who have secured the Stevenson piano factory building will purchase improved machinery at once.

SHAWVILLE, QUE.—At a recent meeting of the Pontiac County Council it was resolved to memorialize the Quebec Government to grant a subsidy of \$6,000 per mile for a railway from the south of the Black River to Ferguson's Point, also a subsidy of \$6,000 per mile for a railway from a point in the township of Wright passing through Upper Thorne Centre, Shawville and terminating at Portage du Fort.

HAMILTON, ONT.—F. J. Rastuck & Son, architects, are receiving tenders this week for additions to two houses on Murray street west. H. R. Barber, architect, Stinson's Chambers, will receive tenders until Saturday next, the 29th inst., for the erection of a pair of semi-detached houses in the east end. Building permits have been granted as follows: Wm. Stewart & Son, two-story brick dwelling, on Robinson street, cost \$1,300; P. Goldthorpe, two two-story brick dwellings, corner of Stinson street and Erie avenue, cost \$2,100. The City Engineer has refused to recommend the construction of a twelve-inch main on King street, between James and Bay streets, the cost of which would be from \$4,000 to \$5,000. Proposals are invited by the City Clerk until the 4th of October for the purchase of \$210,000 of debentures.

MONTREAL, QUE.—Plans for a new bridge over the Grand Trunk Railway at Mountain street, have been prepared by the City Surveyor, and will be submitted to the Road Committee at an early date. The design shows a bridge 720 feet in length, with cut granite piers at both ends of 100 and 70 feet. The rest of the bridge is to be supported by iron columns.

Dr. Beaudry, of the Provincial Board of Health has written a letter to the Medical Health Officer suggesting improvements to the morgue pending the erection of a new building. The Finance Committee has made a grant of \$6,200 to the Waterworks Committee for repairs to the settling basin. The Market Committee recommended the extension of Bonsecours Market, at a cost of \$56,000.—The

following building permits have been granted: Mrs. Bourbonniere, three storey stone front tenement building on Brock street, cost \$4,300; G. Cote, two three storey stone front tenement building on St. Denis st., cost \$7,000; E. Dubois, three storey stone front tenement building on St. Hubert st., cost \$6,000; J. Pouliot, two storey brick tenement building on St. Charles street, cost \$2,000; Mr. Boxer, repairs and alterations to St. James Club building, St. James st.; Jos. St. Ouge, three storey brick tenement building, St. Maurice st., cost \$2,000.

TORONTO, ONT.—Tenders are invited by the Grand Trunk Railway Company until noon of the 1st of October for supplying and laying about 220 squares of second quality large sized slate with galvanized nails upon roof of engine shed now being erected in this city. Particulars may be obtained at the office of the Assistant Mechanical Superintendent, 4 Spadina ave.—A deputation representing the Ontario College of Physicians and Surgeons last week waited upon the Attorney-General and the Ontario Cabinet urging the establishment by the Government of two asylums, one for epileptic patients and one for inebriates. The matter was viewed rather unfavorably by the Government authorities.—The City Engineer will report at an early date on contemplated improvements at Island Park. The report will suggest the construction of a waterway from Blockhouse Bay to Long Pond, and the erection of a bridge over Long Pond. W. T. Stewart, Chairman Fire and Light Committee, will receive tenders until the 4th of October for the furnishing of 2,000 feet of 2½ inch fire hose.—Building permits have been granted as follows: Fensom Elevator Co., mansard roof to factory, Duke st., cost \$1,500; Jas. Harrington, 220 Parliament st., three att. 2 story and attic bk. dwellings, 101 St. Vincent st., cost \$12,000; G. C. Watson, 66 Close ave., pr. s. d., 2 story and attic bk. dwellings, 36 and 38 Clarendon ave., cost \$4,000; Chas. J. Gibson, architect, 2 story and attic bk. dwelling, 69½ Spencer ave., cost \$3,000.

#### FIRES

The store and dwelling of Mrs. A. Gibson, at Kilmaurs, Ont., was destroyed by fire last week. Loss, \$4,000; insurance, \$3,500.—Solomon Overholt's residence at Jordan Station, Ont., has been burned. Loss, \$2,000; insurance, \$1,000.—The livery stable of S. Mahoney, and a dwelling owned by Mrs. Curry, at Cardinal, Ont., were consumed by fire a few days ago. The residence of Thomas Duval at Aylmer, Que., was burned recently. The loss is covered by insurance.—The woodenware factory of J. F. Wesley & Co. on Perth ave., Toronto, was completely destroyed by fire on Tuesday last. The loss will reach \$25,000, but is covered by insurance. A building at Monkirk, Ont., owned by M. J. Allen, was burned a few days ago. Loss, \$1,800.—A stove and hoop mill at Stewart, Ont., owned by Smith Bros., was destroyed by fire last week. Loss, \$4,000; insurance, \$3,000.—The Petroleum Oil Company's buildings at Peterboro, Ont., have been consumed by fire.—The dwelling house and all out-buildings of Robert Stewart, at Ottawa, Ont., were burned on Monday last. The loss is estimated at \$6,000.—Fire at Moncton, N. B., on the 24th inst., destroyed J. H. Mark's carriage factory, J. Duffy's livery stable, and No. 1 engine house. Mr. Mark estimates his loss at \$12,000.

#### CONTRACTS AWARDED.

MAGOG, QUE.—The franchise for electric lighting has been given to Mr. Lemay.  
PETROLEA, ONT.—J. & J. Kerr have been awarded the contract for the erection of a new building for D. McMillan & Co.  
PRESCOTT, ONT.—H. Horwood & Son, of this place, have secured the contract for putting in stained glass windows in the new Court House at Canton, N. Y.  
GANANOQUE, ONT.—Mitchell & Wilson, of this town, have been given the con-

tract for the erection of a cottage for Mr. Taylor, of Ottawa, on Club Island, opposite Rockport. The cost will be about \$5,000.

TORONTO, ONT.—The Don Valley Pressed Brick Works, of this city, have been awarded the contract to supply 70,000 light shade Trojan brick, for the Merchants' Bank of Halifax, now being built in Montreal. Also terra cotta and Carthaginan brick to the value of \$4,742.

WINNIPEG, MAN.—The contract for the new hotel to be erected on Market street by W. H. Barry, has been awarded to W. A. Charlesworth. The estimated cost of the building is \$14,000. The contract for constructing sewers on Broadway, Garry and Scott streets has been awarded to J. G. Hargrave & Co., at the price of \$1,542.35, and that for the construction of fifty-five catch basins to W. F. Lee, at the tender of \$2,433.75.

MONTREAL, QUE.—The Road Committee last week awarded the following contracts for sewers: A. Bellhumeur, Bonaparte street, from Montcalm to Visitation street, \$5,23; M. Gosselin, Jacques Cartier, from Craig to Lagachetiere, \$5.49; Sherbrooke street, from Delormier avenue eastwards, \$5.29, and Chaussee street, from Sherbrooke street, northwards, \$5.19; Seminary street, from Ottawa street, M. Foisy to be given at \$5.02½, if responsible, and if not to M. Benoit at \$6.77. Asphalt contracts were also awarded as follows: James Cochrane, St. Peter street, \$3.82; Bastien & Valiquette, Ernest street, \$3.59. Mr. W. McLea Walbank, architect, has awarded contracts for a residence at Cote St. Antoine for W. S. Lighthall as follows: masonry, Hughes & Brisson; carpenter's and joiner's work, R. Neville; painting and glazing, L. L. Mathieu. Also for a residence on Guy st. for the Misses Major as follows: masonry, J. B. St. Louis; carpenter's and joiner's work, Robert Neville; other trades not let.

#### NEW COMPANIES.

HAMILTON, ONT.—Hamilton Boat Propeller Co., incorporated; capital stock \$40,000; incorporators, G. Morris, J. W. Cerry, A. Morris and others, of Hamilton.

BRANDON, MAN.—Assiniboine Lumber Co., seeking incorporation; capital, \$100,000; directors, J. A. Christie, W. M. Alexander, G. Aske and R. M. Matheson, all of this place.

KINGSTON, ONT.—Lake Opinicon Phosphate Co., incorporated; capital stock, \$40,000. With the exception of James Swift, of this place, the stockholders are all residents of the United States.

#### MUNICIPAL DEPARTMENT.

##### VENTILATING AND FLUSHING OF SEWERS.

Dr. Clark, the medical officer of health to the Lowestoft Urban Sanitary Authority, has just submitted to that authority an able and lengthy report on the ventilation and flushing of sewers in relation to health. The following are extracts taken from the first part of the report.

After saying he has obtained such information from the medical officers of health of other towns as will be trusts enable the sanitary authority to decide upon

some definite policy in regard to the ventilation of the sewers of this borough, he proceeds: I am informed by your surveyor that there are approximately some twenty one miles of public sewers within the borough, and these sewers are ventilated by means of a few shafts (9 inches by 6 inches and 6 inches by 4 inches respectively), while there are also 256 manholes and lampholes, of which 81 are closed and 175 open.

It has been laid down as an axiom by Sir Douglas Galton, Sir Robert Rawlinson and others, that public sewers should be ventilated at intervals of not less than 100 yards, so that there should be at least eighteen ventilators to the mile, while the average in this borough is only about ten to the mile. In some towns however, reference to which is made at the end of this report, the sewers are, I understand, practically unventilated, and I cannot say that the mortality returns of these towns indicate that any serious result has accrued hitherto from this apparent neglect of a duty which the Public Health Act, 1875, imposes upon all sanitary authorities. For some months past I have devoted much care and thought to the consideration of this subject, and I am fain to confess that the stern reality of facts and figures has convinced me that the open manhole, as it exists in this borough, is a standing menace to the health of the inhabitants, and may even be in some cases the actual cause of a disease which was unhappily too prevalent here during the past winter—I mean diphtheria.

A most interesting report has just been issued by Mr. James Mansergh, C. E., a well known sanitary engineer, upon the ventilation of the sewers at Beckenham, and although it would be unwise to compare such a residential district as Beckenham, where practically the whole of the sewers are of modern construction and well laid, and which has an average of only five persons per acre, with a borough such as our own, where there is an average of considerably over ten persons per acre, yet Mr. Mansergh's report brings out very clearly several most interesting points in connection with sewer ventilation. In the first place the report proves that the multiplication of ventilators does not abolish the nuisance arising from surface gratings, for although there is a ventilator at every 82 yards throughout the whole of the Beckenham district, and this, it will be observed, is considerably in excess of the requirements laid down by engineers, yet great annoyance is experienced from the surface ventilators, in spite of the fact that the sewers were proved to be in good condition, self-cleansing and adequately flushed. To quote Mr. Mansergh's own words: "It cannot therefore be said that the annoyance experienced from the surface gratings arises from a deficient number of ventilators, and again, 'I have no doubt that the flushing and ventilation are sufficient, using the latter term without regard to the offence caused by it.' I take it that this is a most important conclusion, since it considerably discounts the argument that if a surface grating is offensive, it is necessarily so as the result of some temporary defect in the flow of the sewage, which should be dealt with by flushing. To again quote this report, Mr. Mansergh says, 'The broad result of this part of the investigation is that I have not been able to discover any defects in the sewers which account for the com-

plaints of foul smells.' It would appear therefore that sewage, even in modern sewers, will generate evil-smelling gases, and these should therefore be given vent at a considerable elevation in preference to on a level with the roadway.

Another point brought out by this report is that all ventilators, whether at the road surface or as shafts, act both as inlets and as outlets, according to the varying climatic conditions. This fact, which I have frequently asserted, was proved by means of anemometers, and it may therefore be considered as scientifically proved that surface gratings, even in conjunction with tall shafts, act at times as outlets for the sewer gases. The case, therefore, for or against surface ventilators depends upon the strictly medical question as to whether the emanations from moist sewage are or are not dangerous or injurious to health. Personally I have no hesitation whatever in saying that, in my opinion, exposure to the emanations from sewage has a most depressing and injurious effect upon the vitality of the human organism, and apart entirely from the question of the causation of such diseases as enteric fever or diphtheria, which are due to specific germs, that these emanations produce a deterioration of vital activity which seriously predisposes to actual disease. The advocates of surface-ventilators state that their object is to approximate the condition of the sewers as far as possible to that of open sewers; but if it be proved that the emanations from an open sewer, or what is similar, from any deposit of night-soil, moistened with liquid sewage, is injurious to health, then surely such an attraction is the least desirable one that any town can offer, whether to visitors or to its more permanent residents.

If the interior of one of those highly glazed earthenware pipes used to form the first syphon on the modern wash-down water-closet be examined after the closet has been in use for some few months, it will be found to be lined with a thin layer of brownish sewage matter which has become adherent to the pipe as the soil was washed through it by the flush of water from the cistern, and it is only necessary to compare the interior of these pipes with the comparatively rough lining of the ordinary glazed sewer pipe to realize how much more of the soil must be retained by these latter. It must also be remembered that for almost two-thirds of every twenty-four hours little or no water passes through the sewers, except in times of heavy rain, and it is easy to imagine how such smells arise as those which emanate from surface gratings, for as this film becomes uncovered by water, it rapidly decomposes, thus presenting much the same condition as the periodically exposed foul foreshore of a sewage-laden river. In times of storm sard and grit are washed into the sewers with the rain and scour the interior of the pipes, removing this decomposing crust for a brief time, and hence it is that after heavy rains these surface ventilators cease for a few days to be offensive. The smells whether from defective house-drains or from surface gratings are to be looked upon simply as warnings, and if such warnings are persistently disregarded, sooner or later ill will come of it.

(To be Continued.)

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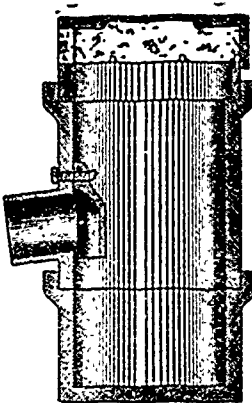
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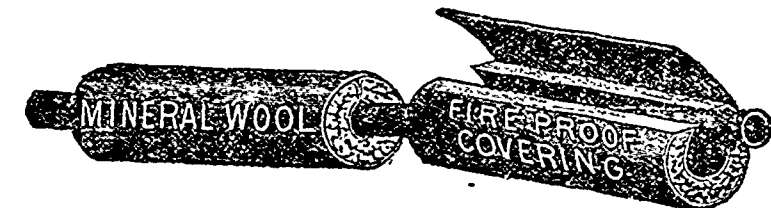
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are made use of for deadening sound in floors and partitions, insulation of heat and cold, fireproofing,  
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All communications promptly answered.

Prices of Building Materials.

CONDITION OF THE MARKET.

Builders' supplies for the past week have been somewhat active, and prices are firm. In general hardware a very satisfactory business is reported.

LUMBER.

CAR OR CARGO LOTS.

Table with columns for Toronto and Montreal prices for various lumber types like 1 1/2 x 2 clear picks, 1 x 10 and 12 mill run, etc.

VAID QUOTATIONS.

Table with columns for Toronto and Montreal prices for mill cull boards, shipping cull boards, hemlock scantling, etc.

Toronto. Montreal.

Table with columns for Toronto and Montreal prices for White ash, Black ash, Dressing stocks, etc.

BRICK.

Table with columns for Toronto and Montreal prices for Common Walling, Good Facing, Sewer.

Pressed Brick, Per M.

Table with columns for Toronto and Montreal prices for Red, No. 1, f.o.b. Beamsville, B ff., Brown, Roman Red, etc.

Table with columns for Toronto and Montreal prices for Red A, f.o.b. Don Valley, Red B, Red C, Trojan and Corinthian, etc.

Table with columns for Toronto and Montreal prices for 1st quality, f.o.b. at Port Credit, 2nd, 3rd, Hard building brick, etc.

SAND.

Table with columns for Toronto and Montreal prices for Per Load of 1 1/2 Cubic Yards.

STONE.

Table with columns for Toronto and Montreal prices for Common Rubble, Large flat Rubble, Foundation Blocks, etc.

SLATE.

Table with columns for Toronto and Montreal prices for Roofing, Terra Cotta Tile, Ornamental Black Slate Roofing.

PAINTS.

Table with columns for Toronto and Montreal prices for White lead, Red lead, Yellow ochre, Green chrome, etc.

CEMENT, LIME, etc.

Table with columns for Toronto and Montreal prices for Cement, Portland, German, London, Newcastle.

Toronto. Montreal.

Table with columns for Toronto and Montreal prices for Cement, Belgian, Canadian, Roman, Parian, etc.

Table with columns for Toronto and Montreal prices for Keene's Coarse Whites, Calcined plaster, Fire Bricks, etc.

Table with columns for Toronto and Montreal prices for Lime, Per Barrel, Grey, White, Plaster, Calcined, etc.

Table with columns for Toronto and Montreal prices for Hair, Plasterers', per bag, Cut nails, Steel.

Table with columns for Toronto and Montreal prices for CUT NAILS, FINCK AND CUT SPIKES, 40d, hot cut, etc.

Table with columns for Toronto and Montreal prices for 30d, 20d, 16d and 12d, hot cut, 8d, 9d, etc.

Table with columns for Toronto and Montreal prices for 4d to 5d cold cut, not polished or blued, etc.

Table with columns for Toronto and Montreal prices for 3d to 4d cold cut, not polished or blued, per 100 lbs.

Table with columns for Toronto and Montreal prices for 12d to 30d, per 100 lbs., 10d, 8d and 9d, etc.

Table with columns for Toronto and Montreal prices for 6d and 7d, 4d to 5d, 3d.

Table with columns for Toronto and Montreal prices for 3 inch, 2 1/2 to 2 3/4, 2 to 2 1/2, etc.

Table with columns for Toronto and Montreal prices for 1 1/2, 1 1/4, 1, 3/4.

Table with columns for Toronto and Montreal prices for 5d, per 100 lbs., 4d, 3d, 2d.

Table with columns for Toronto and Montreal prices for 12d to 30d, per 100 lbs., 10d, 8d and 9d, etc.

Table with columns for Toronto and Montreal prices for 6d and 7d, 4d to 5d, 3d.

Table with columns for Toronto and Montreal prices for 12d to 30d, per 100 lbs., 10d, 8d and 9d, etc.

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Table with columns for Toronto and Montreal prices for 6d and 7d, 4d to 5d, 3d.

Toronto. Montreal.

Table with columns for Toronto and Montreal prices for COMMON BARREL NAILS, 1 inch, per 100 lbs., etc.

Table with columns for Toronto and Montreal prices for CLINCH NAILS, 1/2 and 3/4 inch, per 100 lbs., etc.

Table with columns for Toronto and Montreal prices for SHARP AND FLAT PRESSED NAILS, 3 inch, per 100 lbs., etc.

Table with columns for Toronto and Montreal prices for STEEL WIRE NAILS, Steel Wire Nails, 7, 10 and 5, discount from printed list.

Table with columns for Toronto and Montreal prices for Iron Pipe, Iron pipe, 1/2 inch, per foot, etc.

Table with columns for Toronto and Montreal prices for Galvanized, Galvanized, Cast and soil, 57%.

Table with columns for Toronto and Montreal prices for Lead Pipe, Lead pipe, per lb., Waste pipe, per lb., etc.

Table with columns for Toronto and Montreal prices for Galvanized Iron, Adam's-Mar's Best and Queen's Head, etc.

Table with columns for Toronto and Montreal prices for Structural Iron, Steel Beams, per 100 lbs., etc.

Table with columns for Toronto and Montreal prices for channels, angles, tees, plates, Sheared steel bridge plate.

INDEX TO ADVERTISEMENTS

In the "Canadian Architect and Builder."

Large index table listing various services and companies under categories: Architects, Cements, Heating, Roofers, Contractors' Plant and Machinery, etc.