

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

Coloured covers/
Couverture de couleur

Covers damaged/
Couverture endommagée

Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée

Cover title missing/
Le titre de couverture manque

Coloured maps/
Cartes géographiques en couleur

Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)

Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur

Bound with other material/
Relié avec d'autres documents

Tight binding may cause shadows or distortion along interior margin/
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure

Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.

Additional comments: /
Commentaires supplémentaires:

Coloured pages/
Pages de couleur

Pages damaged/
Pages endommagées

Pages restored and/or laminated/
Pages restaurées et/ou pelliculées

Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées

Pages detached/
Pages détachées

Showthrough/
Transparence

Quality of print varies/
Qualité inégale de l'impression

Continuous pagination/
Pagination continue

Includes index(es)/
Comprend un (des) index

Title on header taken from: /
Le titre de l'en-tête provient:

Title page of issue/
Page de titre de la livraison

Caption of issue/
Titre de départ de la livraison

Masthead/
Générique (périodiques) de la livraison

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	12X	14X	16X	18X	20X	22X	24X	26X	28X	30X	32X
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- R. Robinson -

THE Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

Vol. 1.

Toronto, Canada, March 1, 1890.

No. 3

THE CANADIAN CONTRACT RECORD,

*A Weekly Journal of Advance Information
and Public Works.*

PUBLISHED EVERY SATURDAY

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

Subscription Price of "Canadian Architect and Builder" (including "Canadian Contract Record") \$2 per annum, payable in advance.

C. H. MORTIMER, Publisher.

14 KING ST. WEST, TORONTO, CANADA.

The purposes of this journal are to supply Contractors, Manufacturers and Dealers throughout Canada, with advance information regarding contracts open to tender, and to furnish Architects, Municipal and other Corporations with a direct medium of communication with Contractors.

Information from any part of the Dominion regarding contracts open to tender will be gratefully received.

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 publisher of the "Canadian Contract Record" desires to ensure the regular and prompt delivery of this Journal to every subscriber and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

AN EASY METHOD OF CALCULATING BOARD MEASURE MENTALLY.

The method of calculating board measure, used for many years by the writer, around the saw mill, and in making out bills of lumber for buildings and other structures is: First find the amount in one lineal foot of the board or stick of lumber by multiplying the width by the thickness the product will be in inches, reduce the product to feet and fractions of a foot, then multiply this product by the length of the stick, and you will have the amount of lumber in the stick. For example: If the stick be 2 x 4 and 14 feet long, in one lineal foot there are 8 inches, which is $\frac{2}{3}$ of a foot, and in the whole length there are 20-3, which is $6\frac{2}{3}$ feet. or, if the stick be 4 x 5 and 14 feet long, there are 20 inches in one lineal foot, which is $1\frac{2}{3}$ feet, and in the whole length there are 23-3, and so on for all sizes and lengths. These fractions may look formidable at first, but with a little practice, first with pencil and paper until the mind becomes trained a little to the method, you will find that you can tell in a moment the amount of lumber in a stick or board of any given dimensions and length, and then it is an easy matter to find out how many pieces of a given size and length it will take to make the number of feet required to fill the bill for that size and length. The advantage in this method of calculating board measure is that the numbers to be multiplied and divided are kept small enough to be handled mentally whereas, by the ordinary method, the numbers become so large that the mind cannot handle them without a very great effort, and one is forced to use pencil and paper to obviate the mistakes which are sure to occur.—*The Tradesman.*

BUSINESS TROUBLES.

At a meeting of the creditors of Frost & Picken, builders supplies, Queen street east, Toronto, it was resolved to wind up the estate. Inspectors were appointed to act with Mr. P. Howland, the assignee. The liabilities were shown to be a little over \$10,000, the assets \$5,800. A dividend of 25 cents on the dollar is expected.

LEGAL DECISIONS.

Keefe v. Miller was a recent action in the Toronto courts to enforce a mechanic's lien, brought by a lien-holder against one Miller, the person for whom he did the work, who was at that time the owner. The action was brought within the ninety days required by the Act, but subsequently to the registration of a conveyance by Miller of all his interest in the land to one Coxon. After the expiry of the ninety days, the plaintiff obtained an *ex parte* order, amending the writ of summons by adding Coxon as a defendant. Coxon was then served with the writ of summons and statement of claim, and the facts above stated appeared on the face of the statement of claim. N. F. Davidson, for Coxon, moved under consolidated rule 536 to set aside the order adding Coxon as a party, or in the alternative under rule 756 for judgment dismissing the action upon admissions in the statement of claim. J. W. Curry, for the plaintiff, contra. The Master in Chambers held, on the authority of *Bank of Montreal v. Haffner*, 10 A. R. 592, that there was no right of action against Coxon after the expiry of the ninety days: and made an order dismissing the action as against him with costs, and vacating the registry of a *lis pendens* as regarded his interest in the lands.

THE CORROSION OF IRON IN STRUCTURE AND IN STORE.

In the course of his inaugural address as president of the Institution of Mechanical Engineers, Mr. Chas. Cochrane drew attention to the deterioration of wrought iron when exposed to the influence of rain water, as being especially exhibited in bridges constructed on the Thames, the waste in which he regarded as aggravated by the acid condition of the atmosphere, due to the presence of sulphurous acid from the combustion of coal as well as to the customary percentage of carbolic acid. In the course of twenty-five years bolts have been eaten away from an original diameter of five eighths inch to five sixteenth inch, being a reduction in area of 75 per cent., or from 0.81 to 0.08 square inch, and this in a portion of the structure where the brackets of an overhanging footpath were supported in part by the decaying bolts. Wherever the rain trickled over the face of the girders to which the brackets were attached, the same evidence of deterioration was manifested in the scaling of the plates, pointing both to the necessity of preventing water coming into contact with wrought iron and of periodically examining and painting structures of this material. Another illustration of insidious destruction of iron was named. This was the case of a wire rope at a colliery, kept in reserve to wind men up and down the shaft in case of ropes breaking or of other accident preventing the due use of the shaft. While at rest the emergency rope was subject to the drip of rain at the same spot for years, from the roof of the engine house. External examination was strict and the rope was regularly greased, as is customary. At length a man riding up the shaft was killed through the parting of the rope at the point exposed to the rain drip, and the wires internally were found to have corroded the size of drawn-out needle points. Mr. Cochrane cited other instances of the decay of materials in store through small but continuously acting causes of corrosion.

CALENDAR.						
1890	1890	1890	1890	1890	1890	1890
Jan.	Feb.	Mar.	Apr.	May	June	July
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



CONTRACTS OPEN.

GUELPH, ONT.—St. George's parish is to be divided, and a new church erected.

EAST TORONTO VILLAGE.—An Anglican church will be erected here in the spring.

KNOWLTON, P. Q.—Steps are being taken towards building a new Episcopal church.

ARNPRIOR, ONT.—\$9,000 has been subscribed towards a new \$15,000 Presbyterian church.

AVLIER, ONT.—Mr. Clutton will erect a dwelling on the site of his factory recently burned.

REGINA, N. W. T.—Mr. D. J. Robertson will erect a large business building on Scarth street.

SMITHS FALLS.—The Government has promised consideration to the request of a delegation from this town, asking for the erection of a new post office.

LETHBRIDGE, N. W. T.—The Northwest Coal and Navigation Company will build a new round house with twenty stalls and large machine shops.

OTTAWA, ONT.—Lady Stanley has started a movement to raise \$20,000 by subscription to erect a building to serve the purpose of a training school for nurses.

ST. THOMAS, ONT.—The Legislature has granted permission to the council to raise money by debenture for the construction of a system of water works.

BERLIN, ONT.—The Ontario Farmers' Union are looking for a site in this town on which to erect a foundry for the manufacture of agricultural implements.

LEAMINGTON, ONT.—The Ontario Government is being urged to erect a Provincial Insane asylum here, and is said to be favorably inclined towards the project.

HAMILTON, ONT.—W. A. Edwards, architect, reports that plans are being prepared for two residences, one of which is for Mr. T. B. Griffith, and will cost about \$10,000.

PORT COLBORNE, ONT.—A company has been incorporated with the object of constructing pipe lines for the supply of natural gas to St. Catharines, Welland, Niagara Falls, etc.

MONTREAL, QUE.—St. Mary's Jesuit College is to be enlarged at an estimated cost of about \$150,000.—The congregation of St. Paul's church have decided to enlarge the building.

SOUTHAMPTON, ONT.—A scheme is being advocated for building a branch line of railway from this town through the village of Tara, and tapping the C. P. R. at Chatsworth.

VANCOUVER, B. C.—It is said that the Government has decided to proceed this year with the erection of the post office building on the site already purchased by it on Granville street.

HALIFAX, N. S.—Local and New York capitalists are reported to be negotiating for a block of land on Pleasant and Morris streets near Government House, on which to erect a \$300,000 hotel.

WINCHESTER, ONT.—The Public School Board propose erecting a six or eight room building at once, and have authorized Geo. A. Allan, architect, of Brockville, to submit plans for the same.

BROCKVILLE, ONT.—The Public School Board have accepted the plans submitted by Geo. A. Allan, architect, for a new school building, and authorized him to call for tenders at once.—Colonel Cole and R. G. Hervey left for England last Thursday to raise funds to construct the proposed International bridge across the St. Lawrence a few miles above the town.

PORT ARTHUR, ONT.—As the result of a favorable report from the engineers, the location and construction of the proposed C. P. R. branch line to Attikokan will probably be at once proceeded with.

KINCARDINE, ONT.—A deputation has interviewed the Government, asking for the erection of a new post office, custom house, etc., and \$5,000 for the reconstruction of one of the piers at this harbor.

QUEBEC.—The Grand Trunk Railway wants the city to assist in the erection of grain elevators. The Quebec Legislature is petitioned to grant a subsidy for the extension of the G. T. R. from Jacques Cartier to Hochelaga.

WINDSOR, ONT.—The Canadian Pacific Railroad intend to build a couple of large elevators here.—Connelly Brothers contemplate the erection of a brick block on the corner of Pitt and McDougall streets, at a cost of about \$20,000.

WINNIPEG, MAN.—It has been decided to hold an annual industrial exhibition in this city. A proper site will be selected and suitable buildings erected at the earliest possible moment.—It is said that capitalists of St. Paul, Minn., will erect a line of elevators in the spring along the Northern Pacific and Manitoba Railway.

KINGSTON, ONT.—The school board are considering the question of replacing the stoves used for heating the school, by more modern appliances.—Mr. Landworth asks the city for a site upon which he will erect buildings in which to manufacture port and cement.—A deputation has been appointed to ask the Ontario Legislature for a grant towards the erection of a new Science Hall in this city.—The negotiations for the construction of the Kingston and Smith's Falls railway, have reached a point where the project is considered certain to be carried out.

TORONTO, ONT.—The congregation of Parliament street Baptist church have decided to erect a new edifice.—East end property owners are considering the advisability of taking steps to have Queen street graded east of the city limits to enable the street railway to be extended to Victoria Park.—It is proposed to construct an extension of the Garrison Creek sewer from Ossington Ave. to Bloor street, and south-easterly from Havenlock street to Dufferin street, at an estimated cost of \$53,300.—A sub-committee has been appointed to examine and report on plans for a sub-way for Queen and Dufferin streets.—The Engineer has been asked to submit an estimate of the cost of raising Gerrard street bridge.—A Government appropriation is being sought for the purpose of putting a new floor in the present drill hall. Arrangements are about completed for the construction of the Dundas street bridges, at an estimated cost of \$120,000.—Tenders will be asked for the erection of a number of factory buildings at Mimico.—The School Management Committee of the Public School Board recommend: That a new eight-room school be erected to relieve Givens street, Gladstone avenue, Mable street, and Brock avenue schools; that Phoebe street school be enlarged by the addition of two rooms; that Bathurst street and Borden street schools be disposed of, and an eighteen-roomed school substituted for them; that additional accommodation be provided at Brant street school; that additional accommodation to the extent of ten rooms be provided in the north-western part of St. David's Ward; that Parliament street school be disposed of; that accommodation be provided for the eastern part of the Ward of St. Lawrence; that Church street school be enlarged to a twelve-roomed school. The Building Superintendent is instructed to prepare plans for a twelve-room school to be erected near the corner of Dundas street and Dorecourt Road. An entirely new twelve-room school will be substituted for the present Church street school.—It is reported that the question of fire-proofing the new city buildings will be considered.—A permit has been issued to Mrs. Harris for the erection of five 3 storey blk. stores and alterations, west side York St., cost \$18,000.

CONTRACTS AWARDED.

Mr. Thomas Tompkins has closed his contract with the C. P. R. people to build a new opera house at Vancouver, B. C.

HAMILTON, ONT.—W. A. Edwards, architect, reports: Contracts have just been let for a residence for Mr. R. E. Gallagher. Contractors are: Masonry, Howard Bros.; carpentry, Thos. Lawrence; plastering, Clapham; painting, Boothman & Hutchinson; plumbing, Geo. A. Truman; slating and tinning, C. Drew and Jas. Findlay.

BIDS.

MONTREAL, QUE.—The Water Committee have accepted Thomas Robertson's tender of \$3.50 per 100 lbs. for pig lead. Contracts were given for iron pipes to the Londonderry Iron Co., N. S., 50 tons at \$36.45, and the Canada Pipe Co., at \$40 per ton respectively.

HAMILTON, ONT.—The Water Committee recommend acceptance of the following tenders for supplies: James Robertson & Co., of Toronto, for lead pipe at, per 100 lbs., \$3.94; E. McGrath, for water waggons at, for each waggon, \$220; E. Faustman, for water tanks at, for each tank, \$22; the Osborne Manufacturing Company, for iron castings, other than pipes, at, per 100 lbs., \$2.18; the Osborne Manufacturing Company, for stop cock boxes at, each, \$1.50; Alex. Garshote, for cast iron main water pipes at, per net ton, \$40.

Wood pulp is now being used as the basis of a plastic compound to serve as a substitute for lime mortar in covering and finishing walls. It is designed to possess in addition to all the desirable qualities of ordinary mortar, the characteristics of being harder, and, when applied to wood-work in a thin coat, rendering it both fire and water-proof.

The following is said to be a good application to prevent metals rusting. Melt one ounce of resin in a gill of insect oil, and while hot mix it with two quarts of kerosene oil. This can be kept ready to apply at any time with a brush or rag to any tools or implements required to lay by for a time, preventing any rust, and saving much vexation when the tools are to be used again.

TENDERS

Received for Nine Brick Stores (west end) up to 12 o'clock noon, March 15th. The lowest or any tender not necessarily accepted. Plans, etc., may be seen at the office of

ROBT. OGHVATIE, Architect,
93 Adelaide St. East, Toronto.



Notice to Contractors.

TENDERS will be received by registered post addressed to the City Engineer, up to 12 o'clock noon of the 11th day of March, 1890, for the construction of the following works, viz:

SEWERS

Northern Place, Shirley St. to railway track; Front St., Berkeley St. to Trinity St.

Plans can be seen and forms of tender obtained on and after the 4th inst., at the City Engineer's office.

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 2½ per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained.

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

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

JOHN SHAW,
Chairman Committee on Works,
Committee Rooms, Toronto,
26th February, 1890.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the Chairman of the Committee on Works, up to 12 o'clock noon on TUESDAY, THE 11TH OF MARCH, 1890, for the construction of the following works, viz:

BLOCK PAVEMENTS.

Grace street, from Arthur street to College street; College street, south side, from Spadina avenue to Augusta avenue; Westmoreland Ave., Durham street to Union street; Dovercourt road, Queen street to Blair street; Bathurst st., Bloor street to the south limit of the C. P. R. tracks; Sorauren avenue, from the old boundary between Parkdale and the city to Dundas street; Givens street, from College street to Bloor street; Frankish ave., Brock Ave. to Sheridan Avenue; McKenzie Ave., from Bloor street to the lands of the Ontario and Quebec branch of the C. P. R. Co.

ASPHALT PAVEMENT.

Simcoe street, from King street to Queen street. Plans can be seen, quantities and forms of tender obtained on and after Tuesday, the 4th of March, 1890, at the City Engineer's office.

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 2½ per cent. over that amount, must accompany each and every tender, otherwise it 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.

JOHN SHAW,
Chairman Committee on Works,
Committee Room, Toronto, Feb. 27, 1890.



TO BUILDERS AND CONTRACTORS.

TENDERS addressed to the undersigned will be received through registered post up to noon on THURSDAY, THE 6TH DAY OF MARCH NEXT, for the completion of the tower of the Cowan Avenue Fire Hall and certain other works in connection therewith, including slating, heating and concrete flooring.

Specifications may be seen and all further information obtained upon application at the office of A. R. Denison, Esq., Architect, North of Scotland Chambers, 20 King Street West.

Tenders must be accompanied by a cash deposit or a marked cheque, payable to the order of the City Treasurer, for two and a half per cent. on all amounts over \$1,000, and for five per cent. on all amounts under \$1,000. Should any of the parties whose tenders are accepted fail to give satisfactory security for the due performance of the work, their deposits will be forfeited. The deposits of unsuccessful tenderers will be returned.

The names of two responsible sureties must accompany each and every tender.

The lowest or any tender not necessarily accepted.
FRANK MOSES,
Chairman Committee on Property,
City Clerk's Office, Toronto, Feb. 15, 1890.



TO CARPENTERS AND BUILDERS.

TENDERS, addressed to the undersigned, will be received through registered post up to noon on THURSDAY, the 6th day of March next, for the erection of a Police Station on Ossington Avenue, on the lot adjoining the Fire Hall recently erected on that street.

Specification may be seen and all further information obtained upon application at the office of A. R. Denison, Esq., Architect, North of Scotland Chambers, No. 20 King Street West. Tenders must be accompanied by a cash deposit, or a marked cheque, payable to the order of the City Treasurer, for two and a half per cent. on all amounts over \$1,000, and for five per cent. on all amounts under \$1,000. Should any of the parties whose tenders are accepted fail to give satisfactory security for the due performance of the work, their deposits will be forfeited. The deposits of unsuccessful tenderers will be returned. The names of two responsible sureties must accompany each and every tender. The lowest or any tender not necessarily accepted.

FRANK MOSES,
Chairman Committee on Property,
City Clerk's Office, Toronto, Feb. 15, 1890.



SEALED tenders addressed to the undersigned, and endorsed "Tender for Hot Water Heating Apparatus, Goderich, Ont.," will be received until Monday, March 10 next, for the construction of a Hot Water Heating apparatus at the Goderich Ont., Post office, etc., building.

Plans and specifications can be seen and form of tender and all necessary information obtained at this Department and at the Clerk of Works Office, Goderich, Ont., after Monday, 24th inst.

Persons tendering are notified that tenders will not be considered unless made on the printed form supplied, and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honorable the Minister of Public Works, equal to five per cent. of the amount of the tender, which 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 cheque will be returned.

The Department will not be bound to accept the lowest or any tender.

By order,
A. GOBELL, Secretary,
Department of Public Works,
Ottawa, 21st February, 1890.



SEALED tenders addressed to the undersigned, and endorsed "Tender for Hot Water Heating Apparatus, Strathroy, Ont.," will be received until Monday, March 10 next, for the construction of a Hot Water Heating Apparatus at the Strathroy, Ont., Post-office, etc., building.

Plans and specifications can be seen and form of tender and all necessary information obtained at this Department, and at the Clerk of Works Office, Strathroy, Ont., after Monday, 24th inst.

Persons tendering are notified that tenders will not be considered unless made on the printed form supplied, and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honorable the Minister of Public Works, equal to five per

cent. of the amount of the tender, which 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 cheque will be returned.

The department will not be bound to accept the lowest or any tender.

By order,
A. GOBELL, Secretary,
Department of Public Works,
Ottawa, 21st February, 1890.

TO CONTRACTORS.

Tenders will be received until 5 p. m. on

Thursday, the 13th March,

for the various works required in the erection and completion of a building on Elm street, Toronto, for the

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

Plans and specifications can be consulted at the office of the undersigned. The lowest or any tender will not necessarily be accepted.

GORDON & HELLIWELL,

Architects,

24 KING ST. EAST.

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.

1½ and thicker clear picks, Am. ins.	\$30 00@32 00
1½ and thicker, three uppers, Am. ins.	37 00
1½ and thicker - pickings, Am. ins.	27 00
1 x 12 and 12 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.	12 00 13 00
1 x 10 and 12 spruce culls.	10 00 11 00
1 x 10 and 12 maple culls.	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 15 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
Cull scantling.	8 00 9 00
1½ and thicker cutting up plank.	22 00 25 00
1 inch strips, 4 in. to 8 in. mill run.	14 00 15 00
1 inch strips, common.	11 00 12 00
1½ inch flooring.	14 00 15 00
1½ inch flooring.	14 20 16 00
XX shingles, sawn.	2 30 @ 2 35
XX shingles, sawn.	1 30 1 35
Eastlake galvanized steel shingles, 24 W. G., per square.	5 25
Eastlake galvanized steel shingles, 26 W. G., per square.	5 00
Eastlake painted steel shingles, per sq.	4 00
Eastlake painted steel siding, per sq.	3 50
Manitoba galvanized steel siding, per square.	4 50
Manitoba painted steel siding, per sq.	3 50
Special galvanized steel siding, per sq.	4 50
Special painted steel siding, per sq.	3 50
Imitation brick siding, per square.	3 50

YARD QUOTATIONS.

Mill cull boards and scantling.	10 00
Shipping cull boards, promiscuous widths.	13 00
Shipping cull boards, stocks.	14 00
Hemlock cantling and joist up to 16 ft.	11 00 12 00
" " " 18 "	12 00 13 00
" " " 20 "	13 00 14 00
Scantling and joist, up to 16 ft.	14 00
" " " 18 ft.	15 00
" " " 20 ft.	16 00
" " " 22 ft.	18 00
" " " 24 ft.	20 00
" " " 26 ft.	22 00
" " " 28 ft.	24 00
" " " 30 ft.	26 00
" " " 32 ft.	28 00
" " " 34 ft.	30 00
" " " 35 ft.	30 00
" " " 38 ft.	32 00
" " " 40 to 44 ft.	35 00
Cutting up planks, 1½ and thicker, dry board.	25 00 26 00
" " " " "	18 00 20 00
Dressing stock.	16 00 22 00
Picks, American inspection.	40 00
Three uppers, American inspection.	50 00
Cedar for block paving, per cord.	5 00
Cedar for Kerbing, 4 x 14, per M.	14 00

II. 31.

1½ inch flooring, dressed, F. M.	23 00 32 00
1½ inch flooring rough, B. M.	18 00 22 00
1½ " " dressed, F. M.	25 00 28 00
" " undressed, B. M.	18 00 19 00
" " dressed	18 00 22 00
" " undressed	12 00 15 00
Beaded sheeting, dressed	22 00 35 00
Clapboarding dressed	12 00
XXX sawn shingles, per M, 16 in.	2 65 2 75
Sawn lath	2 00 2 20
Red oak	30 00 40 00
White	15 00 45 00
Basswood, No. 1 and 2	18 00 20 00
Cherry, No. 1 and 2	70 00 70 00
White ash, No. 1 and 2	45 00 25 00
Black ash, No. 1 and 2	20 00 30 00

BRICK—M

Common Walling.....	\$ 7 50
Good Facing.....	9 25
Sewer.....	9 25

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.....	\$18 00
" and quality, per M.....	13 00
Ornamental brick, at Milton, per 100.....	\$3 to 10 00

Stone:

Common Rubble, Per Toise, delivered.....	14 00
Large flat.....	18 00
Foundation Blocks, " Cubic Foot.....	35

Slate: Roofing (per square).

" red.....	16 00
" purple.....	9 00
" unslating green.....	9 00
" black slate.....	7 50
Terra Cotta Tile, per sq.....	25 00
Ornamental Black Slate Roofing.....	5 00

Sand:

Per Load of 1 1/2 Cubic Yards.....	1 25
------------------------------------	------

PAINTS. (In oil, per lb.)

White lead, Can.....	6 25
" zinc, Can.....	6 50
Red lead, Eng.....	5 75
" venetian.....	1 60
" vermilion.....	90
" Indian, Eng.....	10 12
Yellow ochre.....	5 15
Yellow chrome.....	15 25
Green, chrome.....	6 2
" Paris.....	7 40
Black, lamp.....	15 25
Blue, ultramarine.....	15 25
Oil, linseed, raw (per Imp. gallon).....	62
" " boiled.....	65
" " refined.....	67
Putty.....	2 1/2
Whiting, dry.....	75
Paris white Eng., dry.....	90
Litharge, Am.....	6 1/2
Sienna, burnt.....	15 20
Umber.....	8 1/2

CEMENT, LIME, etc.

Lime, Per Barrel of 2 bushels, Grey.....	40
" " White.....	55
Plaster, Calcined, New Brunswick.....	2 00
" " Nova Scotia.....	2 00
Hair, Plasterers', per bag.....	1 00
Cement, Portland, per bbl.....	3 25
" Thorold, ".....	1 50
" Queenston, ".....	1 50
" Napanee, ".....	1 50

HARDWARE.

Cut Nails:

American Pattern, 1 1/2 inch, per keg.....	4 40
" " 1 1/2 to 1 3/4 inch, per keg.....	3 65
Canadian Pattern, 1 1/2 inch, per keg.....	3 90
" " 1 1/2 to 1 3/4 inch, ".....	3 30
" " 2 to 2 1/2 inch, ".....	3 40
" " 2 1/2 to 3 inch, ".....	3 15
" " 3 inch and larger.....	2 50
Steel nails 10c. per keg extra.....	
Finishing nails, 1 inch, per keg.....	5 90
" " 1 1/2 inch, ".....	5 20
" " 1 3/4 inch, ".....	4 95
" " 1 1/2 inch, ".....	4 60
" " 1 1/2 inch, " and larger.....	4 20

MONTREAL PRICES.

Lumber, etc.

Ash, 1 to 4 in, M.....	\$13 00@18 00
Birch, 1 to 4 inch, M.....	15 00 25 00
Basswood.....	12 00 20 00
Walnut, per M.....	50 00 100 00
Butternut, per M.....	22 00 40 00
Cedar, flat.....	00 06 80 10
Cherry, per M.....	60 00 80 00
Elm, Soft, 1st.....	15 00 17 00
Elm, Rock.....	25 00 30 00
Maple, hard, M.....	20 00 25 00
Maple, Soft.....	16 00 18 00
Oak, M.....	40 00 95 00
Pine, select, M.....	35 00 40 00
Pine, and quality, M.....	20 00 25 00
Shipping Culls.....	13 00 16 00
Mill Culls.....	8 00 10 00
Lath, M.....	1 50 1 99
Spruce, 1 to 2 inch, M.....	10 00 12 00
Spruce Culls.....	4 50 6 00
Shingles, 1st quality.....	7 00 3 00
" and ".....	1 25 1 50

Cement, etc.

Portland Cement, per barrel.....	\$ 2 70@ 3 00
Roman.....	2 70 3 00
Fire Bricks, per M.....	20 00 30 00

Cut Nails:

Hot-cut Am. or Can. pattern, 3 inch and above.....	2 75 \$2 85
Hot-cut Am. or Can. pattern, 2 1/2 inch and above.....	3 00 3 25
Hot-Cut Am. or Can. pattern, 2 1/2 and 2 inch.....	3 25 4 20
Am. pattern, 1 1/2 and 1 3/4 inch hot-cut.....	3 50 5 60
" " 1 1/2 inch ".....	4 25 5 20
Can. Pattern, cold-cut, 1 1/2 and 1 3/4 inch.....	3 25 4 45
" " 1 1/2 inch.....	2 75 4 95
Finishing Nails, per 100 lb. keg, 1 1/2.....	
Finishing Nails, per 100 lb. keg 1 1/2 to 1 3/4 inch.....	75 cents advance on
and 1 3/4 inch.....	Hot-Cut Nail.
Finishing Nails, per 100 lb keg, 2 inch and up.....	

Paints, etc.

White Lead, pure, 25 to 100 lb. kegs.....	6 50 7 00
" No. 1.....	5 25 5 50
" No. 2.....	4 50 5 00
" No. 3.....	4 00 4 50
dry.....	5 25 5 75

Venetian Red, English.....	1 50	1 75
Yellow Ochre, French.....	1 25	3 00
Whiting, London, washed.....	0 50	0 65
" Paris.....	1 15	1 25

Oils:

Linseed, raw.....	0 63	0 55
" " boiled.....	0 66	0 58
Olive, pure.....	1 10	1 15
" " machinery.....	95	1 05
" " extra, qt., per case.....	3 00	3 25
" " pts., ".....	2 50	2 60
" " 1/2 pts., ".....	2 75	3 10
Spirits turpentine.....	0 67	0 70

INDEX TO ADVERTISEMENTS
IN THE CANADIAN ARCHITECT AND BUILDER.

ARCHITECTS.	Page
Directory.....	111
ARCHITECTURAL IRON WORK.	
Barnum Wire & Iron Works.....	1
Clendinneng & Son, W.....	1V
ARCHITECTURAL SCULPTORS.	
B. Greening Wire Co.....	1 00
Carnovsky, B. H.....	111
Gullet, F. B.....	111
Hicks, W. Stevens.....	111
Holbrook & Mollington.....	11
Turner Frederic.....	111
ARCHITECTURAL STONE WORK.	
J. B. Stringer & Co.....	11
ART FURNITURE.	
Wright & Co.....	11
BRASS WORKS.	
Mitchell & Co., Robt.....	1V
BRICK MACHINERY.	
Gurney Co., E. & C.....	111
Laidlaw Mfg. Co.....	111
BRICKS (PRESSED)	
Hynes Terra Cotta & Brick Co.....	11
Savage, R. D.....	11
Toronto Pressed Brick & Terra Cotta Co.....	111
BUILDERS' SUPPLIES.	
Hall & Son.....	1
McNally & Co.....	11
Rathbun Co.....	11
Vokes, M. & J. L.....	24
BUILDING STONE.	
Hibbard, H. & T.....	11
Lyall, Peter.....	11
Oakley, Geo.....	11
Rathbun Co.....	11
Savage, R. D.....	11
Vokes Malcolm Stone Co.....	11
BUILDERS' HARDWARE.	
Aikenhead & Crombie.....	11
Rice Lewis & Son.....	1V
Vokes, M. & J. L.....	24
CARPENTERS AND BUILDERS.	
Davidson & Kelly.....	11
Humphrey, T. R.....	11
Lyall, Peter.....	11
Redmond, Joseph.....	11
Simpson, Wm.....	11
Stevens, Chas. H.....	11
CEMENTS.	
McNally & Co., Wm.....	11
McRae & Co.....	11
Rathbun Co.....	11
Savage, R. D.....	11
Terry, Edward.....	11
Wright & Sons, C. B.....	11
CONTRACTORS AND PLASTERERS.	
Dayton, William H.....	111
Hynes, W. J.....	1
Mortimore, Geo. T.....	11
CREOSOTE STAINS.	
Cabot, Samuel.....	11
ELECTRIC BELLS.	
Galvanic Battery Works.....	11
ELEVATORS.	
Craig Elevator Works.....	24
Leach & Turnbull.....	11
Miller Bros. & Toms.....	11
ENGRAVERS.	
Armstrong Photo-Eng. Co.....	11
Canadian Photo-Eng. Bureau.....	11
Laidlaw, R.....	11
Toronto Engraving Co.....	11
GALVANIZED IRON WORKS.	
Baird Bros.....	11
Hedges & Lanckin.....	11
Ormsby, A. B.....	11
Tucker & Dillon.....	11
GRANOLITHIC.	
Forsyth, Robert.....	11
Whittard, T.....	11

HEATING.	
Burrow Stewart & Milne.....	11
Clare Bros. & Co.....	11
Clendinneng & Son, W.....	1V
King & Son, Warden.....	11
McDougall & Co., R.....	11
Toronto Radiator Mfg Co.....	11
Williams, J. M. & Co.....	11
Waterous Engine Works.....	11
LEAD PIPE.	
Thos. Robertson & Co.....	1V
LEGAL.	
Denton & Dods.....	111
MANTELS AND OVERMANTELS.	
Tait & Co.....	111
Wright & Co.....	11
METAL SHINGLES AND ROOFING.	
Baird Bros.....	111
Can. Galvanizing & Steel Roofing Co.....	1
Metallic Roofing Co.....	11
METALLIC LATH.	
B. Greening Wire Co.....	11
MINERAL WOOL.	
Gast & Atcheson.....	11
Savage, R. D.....	11
OFFICE AND SCHOOL FURNITURE.	
Canadian Office & School Furniture Co.....	111
ORNAMENTAL PLASTERERS.	
Baker, J. D.....	11
Balmer, Phillip.....	11
Hynes Terra Cotta & Brick Co.....	11
Whetter, Henry R.....	11
Wright, Jas.....	11
PAINTERS.	
W. J. Taylor.....	24
PAINTS, VARNISHES, &C.	
Andrew Muirhead.....	11
PIANOS.	
Mason & Risch.....	111
PLATE GLASS.	
Lyon, N. T.....	111
McCausland & Son.....	11
Toronto Plate Glass Importing Co.....	1
PLUMBERS.	
Bennett & Wright.....	24
PLUMBING SUPPLIES.	
Higman, O.....	11
Keith & Fitzsimons.....	11
Malcolm, W. B.....	11
Mitchell & Co., Robert.....	1V
Robertson & Co., Thos.....	1V
ROOFERS AND ROOFING MATERIALS.	
Can. Galvanizing & Steel Roofing Co.....	1
Duthie & Sons, G.....	11
Forbes, Duncan.....	11
Merchant & Co.....	11
Metallic Roofing Co.....	11
Rennie & Son, R.....	24
Saulter, Wm.....	11
Stewart, W. T.....	11
The Parmlace Roofing & Paving Co.....	11
SAFES.	
Kimball, S.....	111
SANITARY APPLIANCES.	
Booth & Son.....	11
Higman, O.....	11
Malcolm, W. B.....	11
SEWER PIPE.	
Hamilton and Toronto Sewer Pipe Co.....	11
McNally & Co., W.....	11
McRae & Co.....	11
Terry, Edward.....	11
SHINGLE STAINS.	
Cabot, Samuel.....	11
SLIDING BLINDS.	
Clatworthy, Geo.....	11
STABLE FITTINGS.	
Clendinneng & Son, W.....	1V
Tisdale Co., B. G.....	11
STAINED AND DECORATIVE GLASS.	
Castle & Son.....	11
Dominion Stained Glass Co.....	1V
Longhurst & Co., H.....	11
Lyon, N. T.....	111
McCausland & Son.....	11
Spence & Son, J. C.....	11
The Bell Art Stained Glass Works.....	11
TERRA COTTA.	
Rathbun Co.....	11
Toronto Pressed Brick & Terra Cotta Co.....	111
WALL PAPER AND CEILING DECORATIONS.	
Staubert & Co., M.....	1
WALL PLASTER.	
Adamant Mfg. Co.....	11