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# CANADIAN CONTRACT RECORD

A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TENDER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, A DIRECT MEDIUM OF COMMUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

Vol. 1.

Toronto and Montreal, Canada, November 15, 1890.

No. 40

**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.  
Telephone 2362.

Temple Building, Montreal.  
Bell Telephone 229.

Information from any part of the Do-  
minion regarding contracts open to tender  
sent exclusively to this journal for publica-  
tion, and not elsewhere published, will be  
liberally paid for.

#### 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 con-  
tractors with respect to advertisements for  
Tenders.

The following resolution was unanimo-  
usly adopted at the First Annual Meeting of  
the Province of Quebec Association of Archi-  
tects, 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 do hereby assemble in Con-  
vention being satisfied that the CANADIAN  
CONTRACT RECORD affords us a direct  
communication with the Contractors, Res-  
olved, that we pledge our support to it by  
using its columns when calling for Ten-  
ders."

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

## TO BUILDERS AND CONTRACTORS.

Sealed tenders are requested for the several  
works necessary to the erection of certain build-  
ings in the Queen's Park, Toronto, for

### THE VICTORIA UNIVERSITY.

The plans and specifications may be seen and  
all information obtained at the office of W. G.  
Storm, R.C.A., Architect, No. 19 Union Loan  
Buildings, Toronto street.

The tenders (on forms supplied by the archi-  
tect) are to be delivered at the architect's office  
on or before noon on

**FRIDAY, THE 21ST INST.**

The lowest or any tender not necessarily ac-  
cepted.

By order of the Building Committee,  
JOHN POTTS, D.D., Chairman,  
JOHN N. LAKE, Secretary.

Toronto, 3th November, 1890.

## TENDERS WANTED

For the Construction of Water-  
Works System for the Corpor-  
ation of Niagara, Ont.

Sealed Tenders will be received by the undersigned  
until 8 p.m. of THURSDAY, THE 20TH NOVEM-  
BER, 1890. Plans and specifications may be seen and  
all information obtained at the office of the Consulting  
Engineer, John Galt, Esq., 33 King St. east, Toronto.  
Tenders must be on printed forms furnished by the  
engineer, and accompanied by marked cheque for 3 per  
cent., payable to the Corporation Treasurer.

HENRY PAFFARD, Mayor.



## NOTICE TO CONTRACTORS.

Tenders will be received by registered post,  
addressed to the City Engineer, up till noon on  
Tuesday, November 18th inst., for the following  
works:

### A STONE FLAG SIDEWALK

In front of the Court House, Adelaide Street  
East.

Plans can be seen, quantities and forms of  
tender obtained on and after November 14th  
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 signatures of the  
contractor and his sureties (see specifications), or  
they will be ruled out as informal.

The Committee do not bind themselves to ac-  
cept the lowest or any tender.

JOHN SHAW,

Chairman Committee on Works.

Committee Room, Toronto, Nov. 11th, 1890.



## NOTICE TO CONTRACTORS.

Sealed Tenders addressed to the undersigned,  
and endorsed "Tender for Pumping Plant," will  
be received at this office until Friday, the 21st day  
of November next, inclusively, for supplying, set-  
ting in place, and delivering in complete working  
order, the Pumping Plant in connection with the  
Dry Dock, now in course of construction at  
Kingston, Ontario, according to plans and a  
specification to be seen at the Resident Engineer's  
Office, 30 Union Street, Kingston, and at the  
Department of Public Works, Ottawa.

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

An accepted bank cheque, payable to the order  
of the Minister of Public Works, equal to five  
per cent. of amount of tender, must accompany  
each tender. This cheque will be forfeited if the  
party decline the contract, or fail to complete the  
work contracted for, and will be returned in case  
of non-acceptance of tender.

The Department does not bind itself to accept  
the lowest or any tender.

By order, A. GOBIEL,  
Secretary.

Department of Public Works,  
Ottawa, 23rd Oct., 1890.

## TENDERS

Will be received from the 18th to the 21st inst.,  
inclusive, for all trades except carpentry required in  
the erection of TWO BRICK DWELLINGS on Shaw  
Street.

Plans and specifications to be seen at Room 5,  
Toronto Arcade.

R. W. WHIDDEN, Architect.



## NOTICE TO PROPERTY OWNERS ON YONGE STREET.

## PROPOSED NEW ROADWAY.

Notice is hereby given, by order of the City  
Engineer, that it is the intention of the city to lay  
down a permanent pavement on Yonge Street,  
between King Street and Bloor Street, next year.  
All private drains, water and gas services, must  
be laid in before the construction of the pave-  
ment; and in every case where the roadway will  
be broken for this purpose afterwards, a charge  
of five dollars per square yard will be made.  
Property and leaseholders are, therefore, required  
to have their services laid in, forthwith, in order  
that the ground may be settled early in the  
spring.

Respectfully submitted,

JOHN SHAW,

Chairman Committee on Works.

Committee Rooms, Toronto, Nov. 7th, 1890.



## ST. LAWRENCE CANALS.

## RAPIDE PLAT DIVISION

## NOTICE TO CONTRACTORS.

SEALED TENDERS addressed to the undersigned,  
and endorsed "Tender for the St. Lawrence  
Canals," will be received at this office until the arrival  
of the eastern and western mails on WEDNESDAY,  
THE 3RD DAY OF DECEMBER NEXT, for the  
construction of a lift lock, weirs, etc., at Morrisburg,  
and the deepening and enlargement of the Rapide Plat  
Canal. The work will be divided into three sections,  
each about a mile in length.

A map of the locality, together with plans and speci-  
fications of the respective works, can be seen on and after  
Wednesday, the 19th day of November next, at this  
office, and at the Resident Engineer's office, Morris-  
burg, where printed forms of tender can be obtained.

In the case of firms there must be attached to the  
tender, the actual signatures of the full name, the nature  
of the occupation and residence of each member of  
the same, and further, an accepted cheque on a chartered  
bank in Canada for the sum of \$6,000, must accompany  
the tender for Section No. 1, and an accepted cheque on  
a chartered bank in Canada, for the sum of \$2,000 for  
each of the other sections.

The respective accepted cheques must be endorsed  
over to the Minister of Railways and Canals, and will  
be forfeited if the party tendering declines entering into  
contract for the works at the rates and on the terms  
stated in the offer submitted. The cheques thus sent in  
will be returned to the respective parties whose tenders  
are not accepted.

This Department does not, however, bind itself to  
accept the lowest or any tender.

By order,

A. P. BRADLEY,  
Secretary.

Department of Railways and Canals,  
Ottawa, 7th November, 1890.

## TENDERS WANTED.

Tenders will be received at the office of the undersigned until December 6th, 1890, for the erection of three houses on St. Matthews Street, Montreal. The lowest or any tender will not necessarily be accepted. Contractors will be required to furnish satisfactory evidence of their ability, financial and otherwise, to properly execute the work.

J. A. PROUDFOOT BULMAN, Architect,  
Montreal.



## NOTICE TO CONTRACTORS.

### SUPPLY OF LUMBER, ETC., FOR 1891.

Tenders will be received by registered post, addressed to the City Engineer, up to 12 o'clock noon on TUESDAY, DECEMBER 2ND, 1890, for the following supplies for the year ending December 31st, 1891:

Pine planking, 8 to 12 inches wide, in quantities of 12, 16, and 18-foot lengths, as may be required, 2,000,000 ft. B. M.;

Scantling, 4-in. x 4-in., from 12 feet in length up, 400,000 ft. B. M.;

Cedar kerbing, 4-in. x 8-in., and 4-in. x 6-in., 16 feet long, 120,000 ft. B. M. (60,000 ft. B. M. of each size);

Cedar posts for repairs and renewals of pavements, 2,000 cords;

Tamarac for repairs and renewals of pavements, 1,000 cords;

Gravel, for repairing stone setts and cedar pavements, macadam roads, etc., 7,000 cub. yds.

Forms of tender can be obtained on and after November 7th 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 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, November, 14, 1890.

## CONTRACTS OPEN.

LESLIBURTH, ONT.—There is some talk of building a Catholic church here.

MAGOG, QUE.—The by-law for the erection of a town hall has now been passed.

OTTAWA, ONT.—The corner stone of the McLeod street Methodist Church was laid a few days ago.

PETROLIA, ONT.—New public buildings are to be erected on Main street at a cost of about \$25,000.

PORTAGE LA PRAIRIE, MAN.—Messrs. Johnston & Barclay, will rebuild their oatmeal mill recently burned.

NEWMARKET, ONT.—The Public School Board has applied to the Municipal Council for \$10,000, for the purpose of building a school house and furnishing same.

WENTWORTH, ONT.—The municipal authorities of the Township of Percy have passed a by-law granting \$25,000 bonus to the Cobourg, Northumberland & Pacific Railway project.

St. CATHARINES, ONT.—There is a probability of the Thomson-Houston Electric Company creating a factory here.—An attempt is being made to reorganize the lighting of the city.

KINGSTON, ONT.—Mr. C. Graham is about to erect a terrace of stone houses on Collingwood street.—At a recent meeting of the City Council, the question of extending the streets was discussed.

BROCKVILLE, ONT.—Plans have been prepared for the erection of the new Thousand Island Park Hotel.—At the last meeting of the Collegiate Institute Board, the advisability of enlarging the school was discussed.

W. TORONTO JUNCTION.—It has been decided to erect a water tank capable of holding

150,000 gallons near the corner of Keele street and St. Clair avenue, at a cost of \$10,500.—At the last meeting of the Public School Board the advisability of providing a High School was considered, and will be submitted to the town council at their next meeting.

VANCOUVER, B. C.—The Women's Hospital Society have accepted three lots from the C.P.R., and will at once make arrangements for the construction of a suitable building.

HAMILTON, ONT.—The Bayside Park scheme has been adopted, and the work will be commenced shortly.—The Street Railway Co. are going to erect new stables on the corner of Herkimer and Locke streets.—Mr. D. Brown and P. McBeath have obtained permission to erect a two storey brick house on Eric avenue.—Charles Carpenter has been granted a permit for the erection of a brick stable on Macnab st.; cost \$1,000.

TORONTO, ONT.—The following building permits have been granted: J. Korman, bk. ice house, rear 99 Duchess street, cost \$15,000; Jane McIntyre, pr. 2-storey bk. fronted dwellings, n. side Pearson ave., n. of Macdonnell avenue cost \$3,500; R. Milligan, two det. 2-storey and attic bk. dwellings, w. side Major street, n. of College street, cost \$5,000; Toronto Furnace Co., three 1-storey bk. stores and alterations to No. 2 Queen st. east, cost \$2,000.—A Sub-Committee after visiting the gaol farm, has reported in favor of both it and the Walter estate being added to the park at the east end.

MONTREAL, QUE.—It is understood the city authorities will ask the Legislature at this session for permission to be allowed to raise \$200,000 on loan, for the purpose of building a tunnel under the Champ-de-Mars to Jacques Square, and for the purpose of widening St. Lambert street, between Notre Dame and St. James streets, and making it the same width from Notre Dame to Commissioners; but of this sum, \$25,000 is to be allowed for grading, etc.—The Committee on Roads have reported in favor of widening St. Antoine street to 80 feet from Craig street and west of Windsor street to 60 feet.—There is some talk of erecting a Y.M.C.A. in connection with the University.—A Bill is in the hands of the Quebec Legislature for the union of the Laval and Victoria Schools of Medicine. When this is passed a building is to be erected on the corner of St. Catharines and St. Denis streets.—The following building permits have been granted: Ed. Hamilton, wood and brick dwelling, 2½ stories, 165 St. Hysolyte St., cost \$2,000; John Cross, 2-storey wood and brick dwelling, Carron St., cost \$2,000; Jas. Paton, three 2½ stories stone and brick dwellings, 174-68 Peel St.; Hutchison & Steele, architects; R. Wilson; masonry; Paton & Son, carpentry; H. Boon, brickwork; cost \$6,500.

## CONTRACTS AWARDED.

VICTORIA, B.C.—The Hudson's Bay Co. are having plans prepared for a large store.

GUELPH, ONT.—Mr. Geo. Stevens tender for the erection of St. James Church has been accepted.

HAMILTON, ONT.—The contract for asphalt, ing West avenue, from Main street to Stinson street, has been awarded to the Hamilton Gas Co.

St. THOMAS, ONT.—It is reported that the C. P. R. intend in the spring to erect an independent station and small round house at this point.

MONTREAL, QUE.—Messrs. Chausse & Mesnard, architects, have given the contract for a house on Drolet street for the Montreal Bedding Co. to Louis Leblanc, carpenter; F. Gagnon, bricklayer; P. Racette, mason. The building will cost about \$3,500.

LONDON, ONT.—The contract for the erection of a boiler manufacturing and moulding shops in addition to Messrs. Leonard & Sons' foundry on

York and Colborne streets, has been awarded brick work to Mr. Edward Martyn, and the carpentry to Messrs. Jones Bros., at a total cost of \$11,000.

NEW WESTMINSTER, B. C.—Messrs. A. G. Kilsdonk & Co., of Glasgow, Scotland, have been awarded the contract for supplying cast iron pipes, special castings and lead for the water-works system. The price is \$52,461.14. The contract for valves, hydrants, gates, etc., has been secured by the Galvin Brass and Iron Works Company, Detroit, Mich., at \$6,306.10

A process of manufacture of filtering material is described as consisting essentially in reducing ferric oxide by heating it in contact with gaseous fuel. Small pieces of iron ore, preferably hematite, are packed into a retort heated externally, preferably by producer gas. When the charge is at a cherry red heat, gaseous fuel is admitted into the retort and brought into thorough contact with the ore. At the end of four or five hours, if the exit gas be inflammable, the process is finished, and the charge raked out and allowed to cool. Ordinary coal gas or other gaseous fuel may be used instead of producer gas. The magnetic oxide so produced is available for filtering water, sewage, sugar syrups, alcoholic liquors, etc.—Engineering and Mining Journal.

There are several ways for extracting zinc from plumbers solder, but the simplest, and which can be done by any plumber, is as follows: Put the pot of solder on the fire and let it remain until the solder is just melted; take it off the fire and stir it about until it has cooled and may be compared to wet sand. When in this condition thoroughly well stir in a handful of powdered sulphur. After well mixing the sulphur and solder, replace the pot on the fire and let it remain undisturbed until the solder is about the heat necessary for making a joint. Then take the pot off the fire and with two large wall hooks, putting the heads under the edges, carefully lift off the cake of sulphur, dig a hole and bury it, so that it may not by any means get into the pot again. As the solder melts, the sulphur rises to the surface in combination with the zinc. Do not by any means attempt to stir the solder after replacing it on the fire, or the time spent over the matter will be wasted and the zinc not extracted. If the solder is good before being poisoned with zinc, it will be good after the above process is carried out. It is difficult for a plumber to tell solder poisoned with zinc without attempting to make a joint with it. When making a joint and a heat cannot easily be kept up, the solder is either too coarse or has zinc in it. If the latter, little bright lumps show themselves in the solder, especially on the side where the joint is finished off.—Plumber and Decorator, London.

The death is announced on the 14th inst., of Mr. James Durand, of London, Ont., in his 63rd year. He was for 30 years a member of the firm of Wright & Durand, by whom many of the prominent structures of the western cities of Ontario have been erected.

**FOUNDATIONS FOR KANSAS CITY MUNICIPAL BUILDINGS.\***

By S. E. CHAMBERLAIN, F.A.I.A.

About a year ago the question of building a new city hall in Kansas City was formally decided upon, the site selected and bonds voted by the people. The council passed the ordinance authorizing the board of public works to construct the city hall, the site selected being the Market Square, which a few years ago consisted of a ravine running diagonally through the same, on either side of which were abrupt bluffs and hills. But now the bluffs have been cut away and the ravine filled up, making to the casual observer a nice plat of ground; but with a fill of fifty feet under about two-thirds of the building and a solid clay bank under the remaining third, to those that know the possibilities of failure to obtain a uniform bearing for a foundation at a reasonable cost, it is not quite so nice. The "fill" referred to was made at different periods with rubbish of all kinds, tin cans, rocks, etc., and for some time this ravine at this point was used as a "public dump," making altogether a most unsatisfactory site to erect a large building upon. The question of foundation for the proposed building was discussed and the board finally authorized me to develop some tangible method that would not bankrupt the city nor endanger adjoining property. Piles were generally suggested, but in my judgment that system would be bad in this particular location, owing to the dryness of the earth in the fill, and the tendency of piles to dry-rot in such soil, and to dig a trench would not only be very expensive but very dangerous.

I finally concluded that a system of piers for the whole substructure would solve the problem, but to dig square holes or pits and crib the excavation would not only be laborious, but expensive and dangerous. The cylindrical form of piers was finally adopted, and of uniform size so that the excavation could be done with a large auger operated by steam power, and a three-sixteenth inch caisson could be made to follow the auger. This much being decided upon, the question of material was taken up. Concrete was the first to suggest itself, but upon mature deliberation and investigation vitrified brick was adopted as the materials best suited for the filling of the caissons. These brick singly in a testing machine withstood a pressure of 135 to 140 tons to fracture to each brick. The piers, 4 feet 6 inches in diameter, laid in hydraulic cement mortar and grouted solid in each course, and well bounded in all directions across the pier, have proven to be all, for solidity, tenacity and great strength, that my most sanguine expectations had hoped for. The piers are sunk to rockbed of oolite limestone about eight feet in thickness, and are capped with cast-iron webbed plates, on which rest steel "I" beams all bolted together with standard connections and separators, and the

interstices between the beams and the excavation of one foot each side and one foot under the beams and caps are filled with concrete. The upper surface is capped with boiler plate one-fourth inch thick bolted to flanges of beams. On this surface the walls of the building are started. The piers under the north wing, tower and smoke-stack, and on each side of the main structure, having excessive weight in addition to the ordinary loads imposed on them, are reinforced by twelve-inch "Z" bar columns which also rest on the rock bottom.

The whole system, in essence, is the direct transmission of the entire weight of the solid bed rock by so arranging the interior construction that the whole weight is subdivided, each subdivision being carried by an isolated pier capable of carrying its own individual load. By making these piers of uniform size, the load superimposed on each is made about equal by locating them at a greater or less distance apart, as the total weight of the structure is figured in its entirety and this subdivided into loads corresponding to the number of piers required, these being transmitted to walls and isolated columns by the system of steel "I" beams at each floor, thence to the "I" beams resting on webbed cast-iron plates, and thence to the isolated piers and rock bottom.

The substructure of this foundation is completed and is very satisfactory indeed, while the work of the foundation and basement storey will be completed by November 1, 1890, and as the work progresses I can see no reason to regret the adoption of the system employed; but on the other hand, I am pretty thoroughly convinced that the system of isolated piers as here used is the most economical, substantial and lasting of any that could be employed under a large building on such a site.

**Prices of Building Materials.**

**LUMBER.**

CAR OR CARGO LOTS.

1 1/2 and thicker clear picks, Am. ins.	\$30 00 @ 32 00
1 1/2 and thicker, three uppers, Am. ins.	37 00
1 1/2 and thicker, pickings, Am. ins.	27 00
1 x 10 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 12 00
1 x 10 and 12 maple culls	19 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 \$12 00
1 inch siding, mill culls	8 00 9 00
Cull scantling	8 00 9 00
1 1/2 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
1 1/2 inch flooring	14 00 15 00
1 1/2 inch flooring	14 00 16 00
XXX shingles, sawn	2 30 @ 2 35
XX shingles, sawn	1 30 2 35
Eastlake galvanized steel shingles, 24 W. G., per square	6 00
Eastlake galvanized steel shingles, 26 W. G., per square	5 00
Eastlake painted steel shingles, per sq.	4 00
Round pointed galvanized steel shingles, per sq.	6 00
Round pointed painted steel shingles	4 25
Round pointed, unpainted, Terne tin shingles	4 00
Manitoba galvanized steel siding, per square	5 00
Manitoba painted steel siding, per sq.	3 50
Painted sheet steel pressed brick	3 50
Painted crimped steel sheeting	3 40
Price of Copper shingles according to weight.	

\* Read at the recent Convention of American Institute of Architects.

**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 "	18 00 13 00
" " " " 20 "	13 00 14 00
Scantling and joist, up to 16 ft.	14 00
" " " " 18 ft.	15 00
" " " " 20 ft.	17 00
" " " " 22 ft.	19 00
" " " " 24 ft.	21 00
" " " " 26 ft.	23 00
" " " " 28 ft.	25 00
" " " " 30 ft.	27 00
" " " " 32 ft.	29 00
" " " " 34 ft.	31 00
" " " " 36 ft.	33 00
" " " " 38 ft.	35 00
" " " " 40 to 44 ft.	36 00
Cutting up planks, 1 1/2 and thicker, dry board	25 00 26 00
Cedar for block paving, per cord	18 00 22 00
Cedar for Kerbing, 4 x 14, per M.	5 00
	24 00
<b>B. M.</b>	
1 1/2 inch flooring, dressed, F. M.	28 00 31 00
1 1/2 inch flooring rough, B. M.	18 00 22 00
1 1/2 " " " " dressed, F. M.	25 00 28 00
" " " " undressed, B. M.	18 00 19 00
" " " " dressed	18 00 22 00
" " " " undressed	18 00 15 00
Beaded sheeting, dressed	22 00 25 00
Clapboarding, dressed	12 00
XXX sawn shingles, per M, 16 in.	2 65 3 75
Sawn lath	2 00 2 20
Red oak	30 00 40 00
White	15 00 45 00
Basswood, No. 1 and 2	12 00 20 00
Cherry, No. 1 and 2	70 00 70 00
White ash, No. 1 and 2	25 00 25 00
Black ash, No. 1 and 2	20 00 30 00
Dressing stocks	16 00 22 00
Picks, American inspection	40 00
Three uppers, American inspection	50 00
<b>BRICK—M</b>	
Common Walling	57 50
Good Facing	9 00
Sewer	8 50 9 00
<b>Pressed Brick:</b>	
Plain brick, f. o. b. at Milton, per M.	\$17 00
" " " " 2nd quality, per M.	13 00
" " " " 3rd	10 00
Hard Building	8 00
Moulded and Ornamental, per 100	\$3 to 10 00
First quality, f. o. b. at Campbellville, per M	18 00
and " " " " 2nd	13 00
3rd	10 00
Hard Building	8 00
Ornamental, per 100	\$3 to 20 00
Tiles	24 00
<b>Stone.</b>	
Common Rubble, Per Toise, delivered	14 00
Large flat	16 00
Foundation Blocks, " Cubic Foot..	
<b>Slate: Roofing (@ square).</b>	
" 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	8 00
<b>Sand:</b>	
Per Load of 1 1/2 Cubic Yards	1 5
<b>PAINTS. (In oil, @ lb.)</b>	
White lead, Can.	6 25 6 50
" zinc, Can.	6 1/2 7 50
Red lead, Eng.	5 1/2 6 1/2
" venetian	1 60 1 75
" vermilion	90 1 00
" Indian, Eng.	10 12
Yellow ochre	5 10
Yellow chrome	15 20
Green, chrome	7 12
" Paris	55 40
Black, lamp	15 25
Blue, ultramarine	15 25
Oil, linseed, raw (@ imp. gallon)	68 70
" " " " boiled	72 75
" " " " refined	78 80
Putty	2 1/2 2 1/2
Whiting, dry	75 1 00
Paris white Eng., dry	90 1 25
Litharge, Am.	6 1/2 8
Sienna, burnt	15 20
Umber	8 1/2 12
<b>CEMENT, LIME, etc.</b>	
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.	2 80 3 00
" Thorold,	1 50
" Queenston,	1 50
" Napanee,	1 50
" Hull,	1 50
<b>HARDWARE.</b>	
<b>Out Nails:</b>	
American Pattern, 1 1/2 inch, per keg	4 15
" " " " 1 1/2 to 1 3/4 inch, per keg	3 40
Canadian Pattern, 1 1/2 inch, per keg	3 65
" " " " 1 1/2 to 1 3/4 inch, per keg	3 15
" " " " 2 to 2 1/2 inch, "	3 15
" " " " 2 1/2 to 3 inch, "	2 90
" " " " 3 inch and larger	2 65
Steel nails soc. per keg extra	
Finishing nails, 1 inch, per keg	5 75
" " " " 1 1/2 inch, "	5 05
" " " " 1 3/4 inch, "	4 50
" " " " 2 inch, " and larger	3 15

MONTREAL PRICES.

<b>Lumber, Etc.</b>	
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 04 00 06
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, 2nd quality, M.	20 00 25 00
Shipping Culls.	13 00 16 00.
Mill Culls.	8 00 10 00
Lath, M.	1 50 1 90
Spruce, 1 to 2 inch, M.	10 00 12 00
Spruce Culls.	4 50 6 00
Shingles, 1st quality.	2 00 3 00
and	1 25 1 50
<b>Cement, etc.</b>	
Portland Cement, per barrel.	\$ 2 70 @ 3 00
Roman	2 70 3 00
Fire Bricks, per M.	20 00 30 00
<b>Out Nails:</b>	
Hot-cut Am. or Can. pattern, 3 inch and above.	\$ 75 @ 85
Hot-cut Am. or Can. pattern, 2 1/2 inch and above.	3 00 3 25
Hot-cut Am. or Can. pattern, 2 1/4 and 2 inch.	3 25 4 20
Am. pattern, 1 1/2 and 1 3/4 inch hot-cut 1 1/2 inch.	3 50 5 60
Can. Pattern, cold-cut, 1 1/2 and 1 3/4 inch.	4 25 5 20
" " " " 1 1/2 inch.	3 25 4 45
" " " " 1 1/4 inch.	3 75 4 95
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
Finishing Nails, per 100 lb. keg, 2 inch and up.	Nails.
<b>Paints, etc.</b>	
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
dr.	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
<b>Oils:</b>	
Linseed, raw.	0 63 0 65
" boiled.	0 66 0 68
Olive, pure.	1 10 1 15
" machinery.	95 1 05
" extra, qt., per case.	3 00 3 25
" 1/2 pt., "	2 50 2 60
" 1/4 pt., "	2 75 3 10
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