



# 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. 4.

SEPTEMBER 7, 1893

No. 29

## THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY THURSDAY

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64 Temple Building - Montreal.  
Bell Telephone 2299.

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

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 30 and 21, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this Journal as their medium of communication with contractors with respect to advertisements for tenders.

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

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



## Notice to Contractors

### ASHBRIDGE'S BAY IMPROVEMENTS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to 11 o'clock a.m. on MONDAY, THE 11TH SEPTEMBER, 1893, for the construction of

## A JETTY

IN CONNECTION WITH THE IMPROVEMENTS IN  
ASHBRIDGE'S BAY.

Specifications may be seen and forms of tender obtained on and after Thursday, August 31st, 1893, at the office of the City Engineer.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2 1/2 per cent. on the value of the work tendered for, must accompany each and every tender, otherwise it will not be entertained.

The tenders must bear the bona fide signatures of the contractor and his sureties or they will be ruled out as informal.

DANIEL LAMB,  
Chairman Committee on Works.

Committee Room, Toronto, August 30, 1893.



## Notice to Contractors

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to 11 o'clock a.m. on WEDNESDAY, SEPTEMBER 20TH, 1893, for the construction of the following works:

### PAYMENTS ON TRACK ALLOWANCES.

Church street, from Queen street to Bloor street, stone setts on concrete.

Bloor street, from Yonge street to Spadina avenue, stone setts on concrete.

Bathurst street, from Queen street to Bloor street, brick on concrete.

Bathurst street, from Bloor street to the C. P. Railway, stone setts on concrete.

Plans and specifications may be seen and forms of tender obtained on and after Wednesday, 13th September, 1893, at the office of the City Engineer. 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 2 1/2 per cent. on the value of the work tendered for 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 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 Committee on Works.

Committee Room, Toronto, Sept. 5th, 1893.



## Notice to Contractors

### TENDERS FOR PAVEMENTS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to eleven o'clock a.m. on MONDAY, THE 11TH SEPTEMBER, 1893, for the construction of the following works.

#### ASPHALT PAVEMENT

On Linden street, from Sherbourne street to Huntley street.

#### CEDAR BLOCK PAVEMENT

On Mansfield avenue, from Bellwoods avenue to Grace street.

Specifications may be seen and forms of tender obtained on and after Thursday, September 7th, 1893, at the office of the City Engineer.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2 1/2 per cent. on the value of the work tendered for, must accompany each and every tender, otherwise it will not be entertained.

The tenders must bear the bona fide signatures of the contractor and his sureties or they will be ruled out as informal.

DANIEL LAMB,  
Chairman of Committee on Works.

Committee Room, Toronto, Sept. 2, 1893.

## Notice to Contractors

### CANADIAN CONTRACTORS' HAND-BOOK

A new and thoroughly revised edition of the Canadian Contractors' 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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### CONTRACTS OPEN.

NORTH BAY, ONT.—Mr. M. Calvin will erect a new brick residence.

ELMIRA, ONT.—The purchase of a fire engine is under consideration.

MARKHAM, ONT.—The Council is considering the purchase of about 600 feet of water pipe.

PORT WOOD, B. C.—A company has been formed to build a sawmill at the head of Burrard Inlet.

PORTAGE LA PRAIRIE, MAN.—Mr. John Costigan will erect a new brick store opposite the post office.

WOODSTOCK, ONT.—A movement is on foot to erect a large skating and curling rink in the central part of the town.

CARBERRY, MAN.—A by-law to raise the sum of \$6,000 for fire protection will be voted on by the ratepayers on the 26th inst.

GRANDY, QUE.—Mr. James Payton has made arrangements with the Town Council for the construction of a system of waterworks.

PENETANGUISHENE, ONT.—Mr. Geo. Thompson, of Wingham, was in town recently looking for a site on which to erect a furniture factory.

ARNPRIOR, ONT.—Mr. M. Galvin intends to rebuild the large block from the Aacade to Menzie's drug store, destroyed by fire some time ago.

RIMOUSKI, QUE.—A memorial has been forwarded to the Ottawa Government asking for the extension of the Government wharf at this point.

WOLFE ISLAND, ONT.—It is probable that a first class summer hotel will be erected here next summer. An agitation is now on foot to form a company for that purpose.

CHATHAM, ONT.—A by-law authorizing the Council to issue debentures to the amount of \$17,000, principally for the construction of drains, was carried by a vote of the ratepayers last week.

STRATFORD, ONT.—David G. Baxter, architect, is calling for tenders until the

14th inst. for alterations and additions to the old Knox church manse, for Mr. J. P. Mabee; estimated cost \$4,000.

COLLINGWOOD, ONT.—Rev. Dr. Stone will receive tenders until Saturday next for the erection of a new school room for Maple street Methodist church, and for alterations to the church edifice.

GAITHER, ONT.—Tenders are invited by J. H. Radford, Chairman Finance Committee, until Friday, the 13th inst., for the purchase of \$15,000 worth of debentures, issued for the purpose of extending the waterworks system.

PERTH, ONT.—Mr. Keefe; C. E., has completed plans for a system of drainage for this town to cost about \$25,000. A by-law will be submitted to the ratepayers at once authorizing the Council to borrow the necessary funds.

VANCOUVER, B. C.—Mr. R. M. Fripp, architect, is preparing plans for a large block for Dr. Powell, which will be built on the corner of Hastings and Hamilton streets. Mr. Fripp has just completed plans for another block for Dr. Powell, to be erected at the corner of Pender and Richard streets, the contract for foundations for which has been let to Mr. E. Cook.

HAMILTON, ONT.—Mr. George Mills is tearing down the old buildings at the corner of King and Walnut streets and will replace them by a two-story brick block.—Mr. J. Powell, architect, is calling for tenders for the erection of four houses at the corner of Young and Ferguson ave.—Tenders are wanted at Mr. Thos. Burrow's auction rooms for alterations to a brick dwelling house on West avenue north, between Wilson and King William streets.

WINNIPEG, MAN.—Messrs. Alloway & Champion intend to make extensive improvements to their banking offices on Main street. Mr. Peters is preparing the plans.—A petition has been presented to the City Council for the construction of a sewer on Seventeenth avenue north; estimated cost, \$16,000.—The Board of Works will shortly advertise for tenders for stone paving on Main street.—The Standard Oil Company are about to commence the erection of commodious warehouse on Logan street, near the C. P. R. track.

LONDON, ONT.—Mr. Cauld, architect, has completed plans for residences for Messrs. D. J. Batzner, W. Clark and Alex. Fraser.—Messrs. Moore & Henry, architects, invite tenders until 5 p.m. on Tuesday, the 12th inst., for the erection of a brick residence on Kent street for Mr. A. M. Smart.—The City Engineer has issued the following building permits: Thos. Knowles, brick house on Weston street; Thos. Westland, two story brick veneer residence on Craig street, Robert Watson, brick residence on Queen's avenue; T. W. Coles, brick residence on Queen's avenue; R. A. Lyon, for two-story frame house on west side of Talbot street, near Simcoe st.

OTTAWA, ONT.—Mr. H. A. Brouse has purchased the Caldwell property on the

side of Sparks street, between Honor and Bank streets, and will erect large stores, at a cost of \$10,000.—G. F. Stalker, architect, has prepared plans for alterations to the residences of Messrs. T. Ahearn and A. McLean, and new residences for Dr. Bell and I. G. G. He is also preparing plans for reconstruction of Mr. Wm. Davis' new residence recently destroyed by fire.—It is reported that the Dominion Government contemplates the erection in the near future of a reformatory for young criminals, the site selected being at Alexandria, midway between Montreal and Ottawa.—Mr. Ernest Marceau, Acting Superintending Engineer, will receive proposals until Monday next, the 11th inst., for the construction of a sewer pipe drain between the town of Valleyfield, Que., and the municipality of Belleville.—The Russell Company, which was incorporated a few weeks ago to acquire the Russell House property, has decided to erect a large opera house on the vacant land in rear of the hotel and fronting on Canal street. It is expected that work will be commenced next spring.

TORONTO, ONT.—Mr. Albert D. Benjamin, president of the "Holy Blossom" congregation, and his brother, have subscribed \$10,000 towards the erection of the proposed new synagogue.—Plans are being prepared at the City Engineer's office for new stone steps, up the south embankment of the Rose Hill Reservoir. There will be 44 steps, of bush hammered stone or granolithic, 11 feet wide. The parapets and pillars, which will be three feet high, will be of cut stone.—The City Engineer has been requested to prepare plans for a system of docks and wharves on the city water front, as stipulated by the Esplanade agreement.—It is proposed to construct a cedar block roadway on Water street, from Bathurst street to Markham street, cost \$870, and on Mansfield avenue, from Bellwoods avenue to Grace street, cost \$700.—Messrs. Horley & Kindru have purchased the Avondale hotel on Simcoe street. An addition of 20 rooms is contemplated.—Mr. Malone is about to erect a pair of houses over the lot.—Building permits have been granted as follows: T. M. Lee, cor. Gerrard and River sts., alterations to building, n. w. corner Gerrard and Sackville sts., cost \$2000; T. Eaton Co., Ltd., 4 story blk. warehouse, 13 Albert st., cost \$22,000.

MONTREAL, QUE.—The C. P. R. has a scheme under consideration to enlarge the Dalhousie Square station by expropriating the fire station and other buildings on the Square, and erecting new freight sheds on Berri street and a new passenger station on Craig street. Negotiations to the end are now pending with the City Council, and it is reported that most of the aldermen favor the idea.—It is said that a well-known contractor has decided to erect a large hotel at the corner of St. Denis and Craig streets, at an estimated cost of half a million dollars.—Mr. L. J. Seargeant, General Manager Grand Trunk Railway, invites tenders until Wednesday, the 13th inst., for the supply of ties required by the company on the line east of Montreal during the coming winter.—A Dubreuil, architect, is preparing plans for two tenement houses to be erected on Green avenue, Cote St. Antoine.—P. Lortie & Son, architects, are preparing plans for two houses at St. Henri for Mr. L. M. Bedard, residence for Mr. Jos. Payette at same place, and residence for Mr. L. Hubert.—J. H. Bernard, architect, is calling for tenders until tomorrow (Friday) for two stores and dwellings, corner St. Lawrence street and Pine avenue, for Mrs. Beauchamp.—J. B. Reuther & Son are preparing plans for stables to be erected in rear of Geo. H. Matthews' proposed new residence on Inspector street.

**FIRES.**

The large grist mill at Winterbourne, Ont., owned by David S. Clemens, was destroyed by fire on Tuesday of last week. Loss, \$15,000; insurance, \$5,000.—Ford's furniture store at Merlin, Ont., was burned

recently; fully insured.—The stables and granary of John Farnhi, at Gladstone, Man., were destroyed by fire on Saturday last. Loss, \$4,000.—F. Vancamp & Co.'s hardware store at Hastings, Ont., was burned to the ground on the 3rd inst. The building was owned by the Peter's estate, and was insured for \$1,500.—The Hewis House at Midland, Ont., owned by David Hewis, was burned to the ground last week. Loss, \$10,000; insurance, \$2,000.—The rake factory and dry sheds of M. S. Buschlin at Port Elgin, Ont., together with the residence of Mrs. Stickney, were totally consumed by fire recently; total loss on machinery and buildings, \$6,000.—Dr. Moore's residence at Brandon, Man., was destroyed by fire on the 4th inst. Loss, \$2,000.—Young's sawmill at Warton, Ont., containing the electric light plant, was burned on Tuesday last; insurance, \$1,500.

**CONTRACTS AWARDED.**

QUEBEC, QUE.—The contract for the construction of the new Beauport asylum aqueduct has been awarded to Mr. Perreault, of Deschambault.

PETERBORO, ONT.—The contract for the erection of the brick car house for the Street Railway Company has been awarded to Mr. Richard Sheehy. Mr. T. A. Hay, C.E., will superintend the work.

OTTAWA, ONT.—The contract for renewing the pier at Port Dalhousie has been let by the Department of Railways and Canals, to Mr. John Riley, of St. Catharines.—The contract for supplying steel pipes required in connection with the Sault-Sie Marie Canal, has been awarded to Messrs. Ryan & Haney.

TORONTO, ONT.—Messrs. Grant & Company have been awarded the contract by the Board of Works for paving certain streets with stone sets, at the following prices: Front street, from Simcoe to Church street, \$11,161; Yonge street, from Front to King street, \$2,263; Church st., from Front to Queen streets, \$4,500.—The Waterous Engine Works Co., of Brantford, have been awarded the contract for two Fitzgibbon boilers required by the Ontario Government for the School of Practical Science.

MONTREAL, QUE.—J. B. Resther & Son, architects, have awarded contracts as follows for a three story building on Inspector street for Geo. H. Matthews; masonry, Chapeau & Lemay; carpentry, A. Lavallee; brickwork, E. Paquette; other trades not yet let.—A. F. Dunlop, architect, has let contracts as follows for a three story building containing three stores and three dwellings, on Bleury st., for Alex. Douglas; masonry, Wm. Owen; carpentry, Louis Beaudry; plumbing, McCrae & Watson; painting, O. Cauchon; plastering, Wm. Brimmer.

**THE EFFECTS OF WELL WATER ON URINALS, WASTE PIPES, AND COPPER LINED CISTERNS.**

The water used in the Grand Hotel, Cincinnati, O., for flushing the water closets and urinals is pumped from a well 600 feet deep, and contains a great proportion of magnesia. The action of the water on the soldering of the copper lined cisterns and copper floats, within four months after the plumbing was remodelled was demonstrated by solder being entirely eaten away.

The action of the water on the urinals waste pipes was also fully demonstrated as within twelve months the two inch waste pipes were entirely closed up, the urinals being flat back Bedfordshire lipped urinals flushed by automatic flushing tanks.

They have been changed to Carlisle Syphon urinals and the large flow of water discharged at intervals from these urinals, appear to have overcome the difficulty, as upon examination, three months after being put in, the waste pipes were found perfectly free from any slime or corrosion accumulating on them. There are five urinals in line which discharge all at one time filling the three-inch main

waste to its full capacity and thoroughly scouring the waste pipe out.

Glass balls had to be substituted for the copper balls of flushing cisterns and the copper lined tanks lined with lead and Barnett and painted with asphaltum paint.

**A NEW METHOD OF EXCAVATING.**

The new building for the Manhattan Life Insurance Company, which is to be sixteen stories high is to have its foundations built by a method familiar enough in bridge engineering, but rarely used in building, although we think there have been several other cases in which it has been employed. The soil in that part of New York is a fine sand, about fifty feet deep, overlying rock. It would be hazardous to put so heavy a structure on sand, but to excavate the sand in order to carry piers down on the rock would be likely to undermine the neighboring buildings, especially as the sand is saturated with water. This difficulty is to be overcome by sinking caissons, or cylinders of steel-plate to the rock, so that the sand can be excavated from the inside of the cylinders without fear of affecting the neighboring soil. In the case of the Manhattan building, however, a modification of the ordinary system is to be introduced, about the merit of which we may be permitted to entertain some doubts. In order to enable the excavation inside the caissons to be carried on under water, they are made with a tight top like a diving-bell, and air is forced into them, so as to keep the exterior sand and water from entering while the workmen dig away the sand from the inside and under the edges. To remove it entirely, pipes are provided, through which it is forced by the atmospheric pressure. As the caissons hold a long volume of air, there might be some difficulty in sinking them to their place; so it is proposed, while the men are excavating inside, to have the masons at work outside, building the stone foundation piers on the flat top of the caisson. The excavation inside the caisson is so regulated that the caisson sinks about as fast as the pier on the top of it is built up; the masons thus working always above the water-line, while the caisson sinks farther and farther below it. When the caisson reaches the rock, the workmen inside level the rock, so as to give it a firm bearing, and then fill it with concrete, which, we are told, is to be "carefully packed," so that the space from the rock to the roof of the caisson may be solidly filled, and the whole is left in place, the building thus standing on cylinders of steel-plate filled with concrete, surmounted by piers of stone and brick.—*American Architect.*

John F. Armour, contractor, has commenced suit against the Toronto Harbor Commissioners to recover the sum of \$2,871, being an account for pile driving.

**MUNICIPAL DEPARTMENT.**

**THE BRANTFORD SEWERAGE SYSTEM.**

The final report of the engineer, Mr. Willis Chipman, C.E., for the sewerage system of Brantford, has just been published. The contract for the construction of the sewers, 61 in number, was awarded on May 28th, 1891, to Mr. Geo. A. Dana, of Brockville, at the price of \$76,112. This price was subsequently modified somewhat on account of permission having been given the contractor to substitute Canadian for Scotch sewer pipe for the 9 inch sewers. The extent of the system is as follows:

Total Length of Main Sewer.....	10,483 feet.
" " Sections A, B, C, D.....	"
(exclusive of House Sewers).....	53,715 "
Total Length of Hospital and Institute for Blind Sewers.....	2,945 "
Total.....	66,943 "
	Or 22.67 miles.
Total Length of House Sewers.....	28,041 1/2 feet.
The estimated cost of the system was \$126,300, and the actual cost, \$126,137.90.	

**LEGAL DECISIONS AFFECTING MUNICIPALITIES.**

IN RE OLIVER AND THE CITY OF OTTAWA.—A municipal corporation has no power, without a by-law assented to by the electors, to enter into contracts involving the expenditure not payable out of the ordinary rates of the current financial year, and resolutions for the execution of contracts for the building of a bridge, payment for which was to be made partly in the current financial year and partly in the next, were quashed as being a contravention of the Municipal Act.

**WATER METERS.**

In his last annual report, Supt. George Reyer, of the Nashville, Tenn., Water-Works, speaks as follows on the use of water meters:

Public statistics, based upon actual experience and observation, establishes the fact that between 50 and 75 per cent. of all the water supplied cities is wasted, and the adoption of the most expedient, thorough and economic method of preventing this waste has been the subject of much thought and discussion by those interested in the judicious management of water-works.

The waste is attributable principally to two sources—willful carelessness in allowing closet and other fixtures to run continuously, and leakage caused by defective pipes and fixtures. Two remedies have been tried: First, increased surveillance over consumers by vigilant inspectors; secondly, governing the quantity by actual measurement through a meter. The first has been found inadequate and expensive, while the system of metering has proven the only real solution of the problem, and has evoked universal endorsement wherever adopted.

In previous reports I have urged the metering of all consumers, the larger ones first and the lesser as rapidly as possible. During the past year over 500 meters have been put in, and the result only strengthens my advocacy of their use. From reports of superintendents throughout the country it is ascertained that in cities where meters are largely used the average daily consumption is from 30 to 50 gallons per capita, while in cities which depend upon inspection the average varies from 100 to 200 gallons. In Nashville the daily average for the past few years has even exceeded these figures, and was gradually increasing. The rate at which the use of a meter diminishes the waste is fully demonstrated by a comparison of the quarterly bills for water, the first being invariably double, and sometimes treble, the subsequent ones.

It is a difficult thing to convince people of the amount of water that is actually wasted by leaking pipes, or permitting fixtures to run; but the meter soon forces them to realize the fact and remove the cause. Numerous instances might be quoted from the records showing wherein the meter has discovered appalling wastes, but one case will suffice. A private residence, having only the ordinary plumbing for a family, was metered, and in the first 75 days the meter registered 374,002 gallons, or an average of about 125 barrels per day, an amount sufficient to supply the legitimate needs of a dozen families. It is needless to add that the next quarter the amount consumed was very moderate, the leaking fixtures having been promptly repaired! Each meter set is previously tested and guaranteed as correct by the manufacturers; nevertheless when a consumer is presented with an unusually large bill the first complaint is that the meter does not register correctly. In order to satisfy such consumers that the water has actually been used or wasted I have constructed a simple and accurate testing apparatus. In every one tested so far the per cent. of difference between the registered gallons by meter and the actual weight of the water reduced to gallons has been less than 1 per cent., and in every instance the variation is in favor of the consumer.

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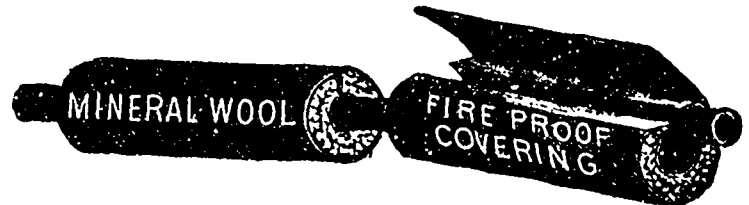
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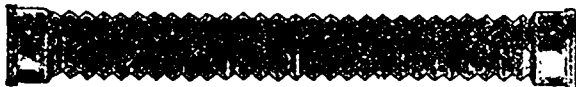
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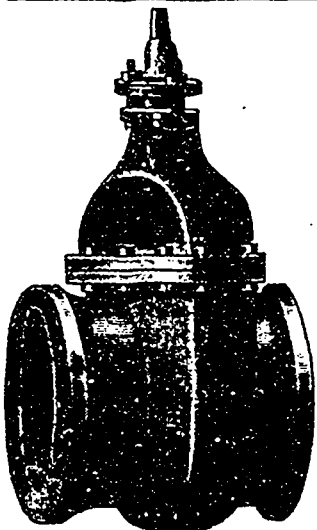
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**THE G. & J. BROWN MFG. CO.**

Railway and Contractors' Plant.

**BRIDGE BUILDERS**

BELLEVILLE, ONT.

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

**RAILWAY AND HIGHWAY BRIDGES**

Viaducts, Piers, Roofs, Turntables and  
Girders in Steel and Iron.

Tension members forged without welds. Riveting  
as by hydraulic or compressed air machines.  
Specialties: Good workmanship and strict adherence  
to specifications and drawings.

CAPACITY: 2,000 TONS PER ANNUM.

OUR SALES OF

**"BURHAM"**

**Portland  
Cement..**

for the past 8 months have been

**25,499 CASKS.**

"Burham" Brand outranks all others.

Try it and be convinced. . . . .

Sole Consignees for Canada:

**McRAE & CO., OTTAWA**

**Canada Pipe Foundry,**

HAMILTON, ONTARIO.

ALEX. GARTSHORE, - Proprietor.

Manufacturer of

**CAST IRON WATER, GAS AND  
SEWER PIPES.**

- ALSO -

Special Castings of every description.

CAPACITY: 50 TONS PER DAY.

In use from Vancouver to Sydney, Cape Breton.

Correspondence solicited.

**Prices of Building Materials.**

LUMBER.

CAR OR CARGO LOTS.

Toronto. Montreal.

1 1/2 to 2 clear picks. Am ins.	34	00	36	00	40	00	45	00
1 1/2 to 2 three uppers. Am ins.	37	00	40	00	43	00	46	00
1 1/2 to 2 pickings. Am ins.	27	00	30	00	33	00	36	00
3 inch clear	52	50	60	00	60	00	60	00
1 x 10 and 12 dressing and better.	20	00	22	00	18	00	20	00
1 x 10 and 12 mill run.	13	00	14	00	10	00	11	00
1 x 10 and 12 dressing.	15	00	16	00	12	00	13	00
1 x 10 and 12 common.	12	00	13	00	8	00	10	00
1 x 10 and 12 spruce culls.	10	00	11	00	10	00	11	00
1 x 10 and 12 maple culls.	9	00	9	00	9	00	9	00
1 inch clear and picks.	28	00	30	00	33	00	35	00
1 inch dressing and better.	18	00	20	00	18	00	20	00
1 inch siding, mill run.	14	00	16	00	14	00	16	00
1 inch siding, common.	13	00	13	00	12	00	12	00
1 inch siding, ship culls.	12	00	12	00	10	00	11	00
1 inch siding, mill culls.	8	00	9	00	8	00	9	00
Cull scantling.	8	00	9	00	8	00	9	00
1 1/2 inch and thicker cutting up plank.	22	00	25	00	22	00	25	00
1 inch strips, 4 in. to 8 in. mill run.	14	00	15	00	14	00	15	00
1 inch strips, common.	11	00	12	00	11	00	12	00
1 1/2 inch flooring.	15	00	16	00	14	00	15	00
1 1/2 inch flooring.	15	00	16	00	14	00	15	00
XXX shingles, sawn, per M	25	00	26	00	50	00	50	00
16 in. "	15	00	16	00	16	00	17	00
XXX shingles, sawn.	15	00	16	00	16	00	17	00

YARD QUOTATIONS.

Mill cull boards and scantling	10	00	10	00
Shipping cull boards, promiscuous widths.	13	00	13	00
Shipping cull boards, stocks	16	00	16	00
Hemlock scantling and joist up to 16 ft.	11	00	12	00
Hemlock scantling and joist up to 18 ft.	12	00	13	00
Hemlock scantling and joist up to 20 ft.	13	00	14	00
Scantling and joist, up to 16 ft.	15	00	15	00
" " " " " " " " " " " "	16	00	16	00
" " " " " " " " " " " "	17	00	17	00
" " " " " " " " " " " "	18	00	18	00
" " " " " " " " " " " "	19	00	19	00
" " " " " " " " " " " "	20	00	20	00
" " " " " " " " " " " "	21	00	21	00
" " " " " " " " " " " "	22	00	22	00
" " " " " " " " " " " "	23	00	23	00
" " " " " " " " " " " "	24	00	24	00
" " " " " " " " " " " "	25	00	25	00
" " " " " " " " " " " "	26	00	26	00
" " " " " " " " " " " "	27	00	27	00
" " " " " " " " " " " "	28	00	28	00
" " " " " " " " " " " "	29	00	29	00
" " " " " " " " " " " "	30	00	30	00
" " " " " " " " " " " "	31	00	31	00
" " " " " " " " " " " "	32	00	32	00
" " " " " " " " " " " "	33	00	33	00
" " " " " " " " " " " "	34	00	34	00
" " " " " " " " " " " "	35	00	35	00
" " " " " " " " " " " "	36	00	36	00

Toronto. Montreal.				
Cutting up planks, 1 1/2 and thicker, dry.	25	00	26	00
Cutting up planks, 1 1/2 and thicker, board.	18	00	18	00
Cedar for block paving, per cord.	5	00	5	00
Cedar for Kerbing, 4 x 14, per M.	14	00	14	00
1 1/2 in. flooring, dressed, F. M.	31	00	31	00
1 1/2 inch flooring, rough, B. M.	29	00	29	00
1 1/2 " " dressed, F. M.	30	00	30	00
1 1/2 " " undressed, B. M.	19	00	19	00
1 1/2 " " dressed	22	00	22	00
1 1/2 " " undressed	12	00	12	00
Headed sheeting, dressed	35	00	35	00
Clapboarding, dressed	18	00	18	00
XXX sawn shingles, per M	25	00	26	00
Sawn shingles	25	00	26	00
Cedar	9	00	9	00
Red oak	30	00	30	00
White	45	00	45	00
Basswood, No. 1 and 2	18	00	18	00
Cherry, No. 1 and 2	20	00	20	00
White ash, No. 1 and 2	25	00	25	00
Black ash, No. 1 and 2	18	00	18	00
Dressing stocks	16	00	16	00
Picks, American inspection	40	00	40	00
Three uppers, Am. inspection	50	00	50	00
BRICKS - Per M				
Common Walling	7	50	6	00
Good Facing	9	00	8	50
Sewer	8	50	9	00
Pressed Brick, Per M:				
Plain brick, f. o. l. at Milton	16	00	16	00
" " and quality	14	00	14	00
" " 3rd	8	00	8	00
Hard Building	4	50	4	50
Moulded and Ornamental, per 100	3	00	3	00
Roof Tiles	24	00	24	00
Diamond locking tile	16	00	16	00
First quality, f. o. b. at Campbellville	18	00	25	00
and quality, f. o. b.	14	00	20	00
3rd	11	00	17	00
Ornamental, per 100	3	00	3	00
Tiles	24	00	26	00
Plain brick, "A" f. o. b. Don Valley	18	00	25	00
" " " " " " " "	16	00	22	00
" " " " " " " "	13	00	18	00
Trojan or Buff	24	00	30	00
Ornamental, per 100	3	00	3	00
Plain brick, f. o. b. Port Credit	18	00	25	00
" " and quality	13	00	18	00
" " 3rd	10	00	10	00
Hard Building	8	00	8	00
Ornamental, per 100	3	00	3	00
SAND.				
Per Load of 1 1/2 Cubic Yards	1	25	1	25
STONE.				
Common Rubble, per ton, delivered	14	00	14	00
Large flat Rubble, per ton, delivered	18	00	18	00
Foundation Blocks, per c. ft.	50	00	50	00
Kent Freestone Quarries Moncton, N. B., per cu ft., f. o. b.	1	00	1	00
River John, N. S., brown Freestone, per cu. ft., f. o. b.	95	00	95	00
Balochayle	80	00	65	00
New York Blue Stone	75	00	75	00
Granite (Stansstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.	1	05	1	05
Moat Freestone	70	00	75	00
Thompson's Gatelawbridge, cu. ft.	75	00	80	00
Credit Valley Rubble, per ton, delivered	13	00	14	00
Credit Valley Brown Coursing, per superficial yard.	2	50	3	00
Credit Valley Brown Dimension, per cubic foot.	90	00	90	00
Credit Valley Grey Coursing, per superficial yard.	1	50	2	00
Credit Valley Grey Dimension, per cubic foot.	75	00	75	00
Madoc Rubble, delivered, per ton	14	00	14	50
Madoc dimension flooring, f. o. b. Toronto, per cubic ft.	50	30	50	30
Ohio Freestone, No. 1 Blue Promiscuous, f. o. b.	60	00	60	00
No. 2 Blue Dimension	65	00	65	00
No. 1 Buff Promiscuous	80	00	80	00
No. 2 Buff Dimension	85	00	85	00
The above prices means freight and duty paid.				
2 in. sawed flagging per sq. ft	11	00	11	00
2 1/2 " " " "	13 1/2	00	13 1/2	00
3 " " " "	16 1/2	00	16 1/2	00
4 " " " "	19 1/2	00	19 1/2	00
5 " " " "	22 1/2	00	22 1/2	00
6 " " " "	25 1/2	00	25 1/2	00
Duty to be added to these prices.				
Quebec and Vermont rough granite for building purposes, per c. ft. f. o. b. quarry	33	15	33	15
For ornamental work, cu. ft.	35	20	35	20
Granite paving blocks, 8 in. to 12 in. x 6 in. x 4 1/2 in., per M	50	00	50	00
Granite curbing stone, 6 in. x 20 in., per lineal foot	70	00	70	00
SLATE.				
Roofing (9 squares), red	16	00	20	00
" " purple	9	00	10	00
" " undulating green	8	50	6	00
" " black	8	00	7	50
Ornamental Black Slate Roofing	8	00	8	00
PAINTS. (In oil, # lb.				
White lead, Can., per 100 lbs.	6	00	6	25
" zinc, Can., " " "	6	50	7	50
Red lead, Eng.	5 1/2	6 1/2	6	6
" venetian, per 100 lbs.	1	60	1	75
" Indian, Eng.	10	10	10	12
Yellow ochre	5	10	4	6
Yellow chrome	15	20	15	20
Green, chrome	7	12	7	12
" Paris	35	40	20	20

Toronto. Montreal.				
Black lamp	14	24	12	25
Blue, ultramarine	11	24	12	18
Oil, linseed, raw, & Imp. A. S. I.	61	68	61	68
" " boiled	68	71	66	68
" " refined	73	84	73	77
Putty	2 1/2	2 1/2	2 1/2	2 1/2
Whiting, dry, per 100 lbs.	75	100	60	75
Paris white, Eng., dry	90	125	9	110
Litharge, Am.	6 1/2	8	6 1/2	8
Sienna, burnt	15	20	12	15
Umber	8 1/2	12	12	15
CEMENT, PORTLAND, PER TON.				
Cement, Portland, per bbl.	2	50	2	50
" English	2	75	2	75
" Belgium	3	25	3	25
" Thorold	1	4	1	4
" Queenston	2	21	2	21
" Napance	1	50	1	50
" Hull	1	50	1	50
" German	2	65	2	85
" London	2	45	2	90
" Newcastle	2	35	2	50
" Belgian	2	3	2	40
" Canadian	2	25	2	30
" Roman	2	75	2	70
" Parian	4	10	4	75
" Superfine	6	50	7	00
Keene's Coarse " Whites "	4	50	4	75
Calcined plaster, per barrel	1	55	1	70
Fire Bricks, Newcastle, per M	20	10	24	00
Scotch	30	00	35	00
Lime, Per Barrel, Grey	40	00	40	00
" " White	55	00	55	00
Plaster, Calcined, N. B.	2	00	2	00
" " N. S.	2	00	2	00
Hair, Plasterers', per bag	80	1	80	1
HARDWARE.				
Cut nails, 5d & 6d, per keg	2	40	2	25
Steel " " "				