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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL

PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY THURSDAY

THIS PAPER REACHES EVERY WEEK THE TOWN AND CITY CLERKS, TOWN AND CITY ENGINEERS, COUNTY CLERKS AND COUNTY ENGINEERS THROUGHOUT CANADA.

Vol. 5. JULY 26, 1894 No. 25

THE CANADIAN CONTRACT RECORD,
PUBLISHED EVERY THURSDAY
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,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone 2362.
New York Life Insurance Building, Montreal.
Bell Telephone 2299.

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

Advertising Rates on application.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Ferrault, 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

CANADIAN CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the *Canadian Contractor's Hand-Book*, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post-paid to any address in Canada on receipt of price. This book should be in the hand 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.

Price, \$1.50; to subscribers of the CANADIAN ARCHITECT AND BUILDER, \$1.00. Address

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BARTER AND EXCHANGE.

This department has been opened for the speedy barter and exchange of second-hand plant or material, or small lots of new or second-hand materials by builders and others not regularly engaged in the sale of such articles. Advertisements other than those of the above description will not be inserted.

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Notice to Contractors

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to 12 o'clock a. m. on SATURDAY, AUGUST, 4TH, 1894, for the construction of the following works:—

ASPHALT PAVEMENT

On Wellesley street, from Sherbourne to Parliament street.
On Cecil street, from Spadina avenue to Beverley street.

CONCRETE WALKS

On Carlton street, south side, from Sherbourne street to Seaton street.
On Wellesley street, south side, from Church street to Jarvis street.

Specifications may be seen and forms of tender obtained on and after Saturday, July 28, 1894, at the office of the City Engineer, Toronto.
A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2½ per cent. for the work tendered for over that amount, must accompany each and every tender, otherwise they will not be entertained.

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

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

DANIEL LAMB,
Chairman of Committee on Works.

Committee Room, Toronto, July 23, 1894.

CONTRACTS OPEN.

EVERETT, ONT.—A new school house will be erected here, to cost \$1,500.

CAMBELLFORD, ONT.—Dickson Bros. will erect a brick foundry, 70x60 feet.

PORT COLBORNE, ONT.—Mr. Drury will erect a flour mill here, to cost \$13,000.

PORT HOPE, ONT.—Tenders will be invited for the construction of waterworks for the town.

PORTAGE LA PRAIRIE, MAN.—It is thought the Government will erect a new post-office here.

NEGROTTOWN, N. B.—The Dominion Government will construct a breakwater here, at a cost of \$25,000.

ST. JOHN, N. B.—New heating apparatus and an electric light plant are to be placed in the Insane asylum.

TILBURY CENTRE, ONT.—James McDonald purposes erecting a new planing mill and sash and door factory.

HALIFAX, N. S.—Work on the new drill shed will likely be commenced early in August.—Tenders are invited by the City Treasurer for a loan of \$10,000.

VICTORIA, B. C.—Contracts are now being let in five-mile sections for the extension of the Esquimaux and Nanaimo railway to Cornox, a distance of 80 miles.

THESSALON, ONT.—Messrs. Dymont intend reconstructing the dock carried away by an ice jam about two years ago. The dock will be extended out some 200 feet.

WINDSOR, ONT.—The Finance Committee has recommended a grant of \$25,000 to the Board of Education for the

erection of a new school in the Fourth Ward and for sundry repairs.

GUELPH, ONT.—Tenders will be received by Robert Clohcy, architect, of Hamilton, until the 28th inst. for the erection of an addition to St. Joseph's hospital.

ORILLIA, ONT.—Contemplated improvements to the waterworks system will cost about \$12,000.—W. H. Croker, architect, is preparing plans for a residence for James White, to be erected on Brant street.

AMHERST, N. S.—The ratepayers have authorized the borrowing of \$10,000 for waterworks, \$3,000 for schools, and \$2,000 for fire purposes. Plans have also been submitted for putting in a sewerage system.

KINGSTON, ONT.—Several Americans are considering the purchase of Simcoe Island and erecting a club-house thereon.—Arthur Ellis, architect, will receive tenders until 4 p. m. to-day (Thursday) for the erection of a brick residence.

LONDON, ONT.—McBride & Farncombe, architects, invite tenders until the 27th inst. for alterations to King street Presbyterian church.—Eleven sets of plans have been submitted for the proposed Public Library building. They will be considered at the next meeting of the Library Board.

LOWER FORT GARRY, MAN.—J. McDougall, Secretary Treasurer of the municipality, will receive tenders until the 3rd of August for the erection of a fireproof vault. Plans may be seen at the office of W. H. McGowan, architect, Winnipeg.

MONTREAL, QUE.—The Nuns of the Congregation of Notre Dame are said to have decided on the erection of a new Convent probably on the Nuns' farm at Point St. Charles. The Villa Marie Convent, destroyed by fire some time ago will also be rebuilt.

WESTON, ONT.—A meeting of the ratepayers was held a few days ago to consider a proposal of the City and Suburban Railway Co., to extend their line from Toronto Junction to Weston, at which a motion was passed requesting the Council to bonus the road.

GANANOQUE, ONT.—The erection of a new High school will be proceeded with at an early date. A committee has been appointed to select a site.—The Gananoque Electric Light & Water Supply Co. will probably construct an electric railway 4 miles in length, connecting the town with Gananoque Junction.

NIAGARA FALLS, ONT.—The preliminary plans for the development on the Canadian side of the Niagara water power have been approved of by the Queen Victoria Park Commissioners and the Ontario Government. The work of preparation for constructing the power tunnel, wheel pits, etc, may now be proceeded with.

CHATHAM, ONT.—Steps are to be taken at once to relieve the over-crowding

of schools. At the last meeting of the Public School Board, it was resolved to apply to the Government for an act to allow the school lands owned by the corporation to be sold, and the proceeds devoted to erecting new schools. The value of property so held is about \$40,000.

HAMILTON, ONT.—The Hospital Committee has selected the plan of H. B. Barber for the proposed House of Refuge. The cost of the building will be about \$15,000.—Building permits have been granted as follows: Thomas Robertson, two-story bk. dwelling on Smith avenue, between Cannon and Barton streets, cost \$2,000; Gebbart Hummel, two two-story bk. dwellings on Chestnut avenue, between Cannon and Barton streets, cost \$2,000; Robert Larkin, three two-story bk. dwellings on west side Bay street, between Barton and Murray streets, cost \$1,500.

TORONTO, ONT.—The petition against the construction of an asphalt pavement on Cecil street is said to be insufficiently signed, and the work will be proceeded with.—The Toronto Hotelkeeper's Protective Association invite tenders until the 1st of August for the supply of between 4,000 and 5,000 tons of coal. E. Dickie, of 28 Wellington street east, is secretary of the Association.—Mr. Geo. F. Burton, barrister, Canada Life building, is having plans prepared for a residence which he proposes to build on Lowther ave. Mr. W. A. Langton is the architect.—The plans for the new waiting room and the proposed foot bridge through the present train shed of the Union station have been approved of by the City Commissioner, and work will be commenced at an early date. Building permits have been granted as follows: A. S. Compain, det. 2 story and attic bk. dwelling, 112 Jameson ave., cost \$5,300, Edwards and Webster, architects; R. J. Moore, pr. s. d. 2 story and attic bk. dwellings, 65 and 67 Grange ave., cost \$5,300, Edwards and Webster, architects; Ontario Government, 2 story bk. dwelling at Mercer Reformatory, for gardener, cost \$2,000; Hon. Justice Street, 2 story and attic bk. residence, 21 Walmer Rd., cost \$9,200.

OTTAWA, ONT.—The City Council has passed by-laws for the construction of the following works: sewer on Lloyd street, cost \$1010; sewer on Dufferin street, cost \$432; sewer on Dalhousie street, cost \$115.37; sewer on Cathcart street, cost \$1,645; sundry wooden sidewalks, cost \$2,261.79.—The Premier announced in the House last week that the proposed Dominion reformatory would be located in Glengarry County, in the vicinity of Alexandria. The sum of \$10,000 has been placed in the Dominion estimates for the purchase of a site and the preparation of plans of the building. The site will be selected this summer and preparations made for active construction next year.—In addition to the railway subsidies published in our last issue, the Minister of Public Works has presented to the House the following list, amounting

to \$3,124,000. A railway from Newport or Windsor to Tiuro and for a railway bridge over the Shubenacade river, \$300,000; Nipissing and James Bay Railway Co., \$217,000; Lotbiniere and Megantic Railway Co., \$48,000; Drummond County Railway Co., \$96,000, a railway from Lime Ridge, in the County of Wolfe, Quebec, northerly through the County of Wolfe and into the County of Megantic, \$160,000; Strathroy and Western Counties Railway Co., \$80,000; Parry Sound Colonization Railway Co., \$64,000; Manitoulin and North Shore Railway Co., \$32,000; United Counties Railway Co., \$102,400; Johette & St. Jean de Matha Railway Co., \$38,400; Great Northern Railway Co., \$70,400; Quebec & Lake St. John Railway Co., \$44,800; Pontiac & Ottawa Railway Co., \$73,600; Ottawa & Gatineau Valley Railway Co., \$64,000; Canada Eastern Railway Co., \$32,000; railway from Cross Creek station, \$19,200; Restigouche & Victoria Railway Co., \$64,000; Central Railway Co., of New Brunswick, \$4,800; Tobique Valley Railway Co., \$48,000; towards the restoration of the railway bridge on the South-Eastern railway, over the Yamaska river at Sorel, \$50,000; Boston and Nova Scotia Coal and Railway Co., \$113,600; a railway from Port Hawkesbury towards the Cheticamp, \$80,000; Manitoba Northwestern Railway Co., \$320,000; for a line of railway from the junction of the Elk and Kootenay river to Coal Creek, \$108,800; railway from Abbotsford station on the Moosem branch of the Canadian Pacific railway to the town of Chulivack, \$67,200; Nicola Valley Railway Co., \$89,600; Nacusp & Slocum Railway Co., B. C., \$121,600; Pontiac & Kingston Railway Co., \$70,000; New Glasgow Iron, Coal and Railway Co., \$4,000; South Shore Railway Co., \$112,000; Cape Breton Railway Extension Co., \$96,000; for a railway from a point on the Intercolonial railway between Norton & Sussex towards Havelock, \$64,000; for a railway from St. John to Hatneville, \$32,000; for a line of railway from Cape la Magdaline, to connect with the Piles branch of the Canadian Pacific railway, \$9,600; Canada Eastern Railway Co., \$3,200; Great Northern Railway Co., \$96,000; Lindsay, Bobcaygeon and Pontypool Railway Co., \$102,400.—Tenders are being received by the Department of Railways and Canals for the construction of a sewer pipe drain between the town of Valleyfield and the municipality of Belleville.

FIRES.

Sills roller flour mills at Meyersburg, Ont. were totally destroyed by fire on the 22nd inst. Loss, \$17,000 to \$20,000; insurance, \$10,400.—The Works of the Owen Sound Portland Cement Co., at Shallow Lake, Ont., seven miles from Owen Sound, including their expensive plant, were consumed by fire on Sunday morning last. The building was a stone structure. The loss will reach \$50,000. It is said the works will be rebuilt.—The large stove and hoop mill situated on the Lake Erie and Detroit Railway, in Romney Township, owned by Sutherland, Innes & Co., of Chatham, was destroyed by fire on Friday of last week. Loss \$20,000. The company will erect two new mills, one on the site of the building destroyed, and one at Coatsworth station.—Buildings at Wallaceburg, Ont., owned by J. W. Steinhoff, have been destroyed by fire. Insurance of \$1,700.—Twenty-eight houses on Arcade and Emile streets Montreal, were destroyed by fire on Tuesday last. Twelve of the houses were owned by Mr. Grothe and two by F. A. McKae. The total damage to buildings is estimated at \$50,000.

CONTRACTS AWARDED.

INGERSOLL, ONT.—The contract for the new curling and skating rink has been let to W. C. Bell. Contract price, \$3,475.
BELLEVILLE, ONT.—The City Council has awarded the contract for paving Front and Bridge streets to the Canadian Granite Co., of Ottawa.

SEAFORTH, ONT.—The Johnson Electric Co., of Toronto, have been awarded the contract to supply the Seaforth Electric Light Co., with a 1,000 light incandescent plant.

MONTREAL, QUE.—The following tenders were received last week by the Market Committee for repairs to the St. Antoine Market: James Shearer, \$1,565; Bourgoin & Cadieux, \$1,485; R. Chartand, \$1,455. The contract was awarded to Mr. Chartand.

WINNIPEG, MAN.—Tenders were received as follows by the Committee on Works for the superstructure of the Maryland street bridge for an iron bridge: Hamilton Bridge Co., \$12,500; Central Bridge & Engineering Company, Peterborough, \$15,200; Dominion Bridge Co., Montreal, \$14,375; Chicago Bridge and Iron Co., \$14,994; King Bridge Co., Cleveland, \$15,044.83; Gillette-Herzog Co., Minneapolis, \$14,300; Milwaukee Bridge and Iron Co., \$15,779; less painting, \$350; Wooden bridge: J. W. Buchanan, \$11,995; Rourke & Cass, \$10,160; Milwaukee Bridge and Iron Co., \$12,876. The tender of the Hamilton Bridge Co. for an iron bridge has been recommended to Council for acceptance.

HAMILTON, ONT.—The Board of Works received the following tenders for the construction of asphalt pavements on King and James streets: Construction & Paving Co., Toronto, Pitch Lake asphalt, \$2.98 per square yard, No. 1, Trinidad, \$2.74; Warren Scharf Asphalt Paving Co., Toronto, Pitch Lake asphalt, \$3.21; Kramer-Irwin Rock, Asphalt & Cement Paving Co., Pitch Lake asphalt, \$2.59; No. 1, Trinidad, \$2.40; Connolly & Co., Toronto, Pitch Lake asphalt, \$2.82½; No. 1, Trinidad, \$2.69. The Board have accepted the tender of the Kramer-Irwin Co., a local concern to supply the Pitch Lake asphalt. The other figures in the tender are: stone curbing, 89 cents; scoria blocks, \$3.50; re-cutting and re-setting old curbing, 60 cents; new curbing without concrete, 70 cents; old curbing re-dressed and with concrete, 50 cents. The total cost of the work, according to the tender accepted, will be \$149,425.

TORONTO, ONT.—The Scarborough Council received the following tenders for a new steel bridge over the River Rouge at Milne's mill: Hamilton Bridge Company, \$1,474; Dominion Bridge Co., Montreal, \$1,150; Canadian Bridge Co., Montreal, \$1,103 and \$1,250—two designs; Central Bridge Co., Peterboro, \$1,114 and \$1,086, two designs. The contract was awarded to the Central Bridge Co., at \$1,114, the first design being accepted. The contract for pile abutments was given to William Haig, of Markham, at \$400.—The tender of the Canadian General Electric Co., for the installation of a small electric light plant at the pumping station at the price of \$2,582, has been recommended for acceptance by the City Engineer.—The contract for enlarging the driving shed at the Lombard street fire hall has been awarded to Self Bros., at \$1,270.—The following pavement contracts were awarded by the Committee on Works on Saturday last: cedar block pavement on Blount street, from Dufferin street to Lansdowne avenue, D. L. Van Vlack, \$11,669; concrete sidewalk, on north side of Queen street, from Dundas street to Doverscourt road, Elcelsior Paving Co., \$2.48 per square yard.

DIFFERENT WOODS COMPARED.

In a lecture recently delivered before the Railway Institute, New South Wales, on the values of different timbers used for railway purposes, it was stated that timber, when perfectly dry, lost about one third of its weight and shrunk in drying, as follows:

English Oak	1-12
Riga fir	1-32
Dantric oak	1-33
Elm	1-34
Yellow pine	1-38
Pitch pine	1-40

In comparison, English oak was taken as the standard of measure of the qualities of strength, stiffness, and toughness, and

the following table presented as a result of the experiments:

Variety.	Wt. cu. ft.	Strength.	Stiffness.	Toughness.
British oak	45 to 58 lbs.	100	100	100
Baltic Riga oak	43 to 54 lbs.	108	93	125
Amer. oak	37 to 47 lbs.	86	114	117
Dantric oak	42 to 53 lbs.	1-7	117	117
Elm	35 to 46 lbs.	12	78	87
Pine or fir	26 to 42 lbs.	83	114	88
Poplar	33 lbs.	86	76	112
Mahogany	35 to 53 lbs.	95	93	99
Tamarac	42 to 40 lbs.	102	85	130
Walnut	50 lbs.	90	70	110

MUNICIPAL DEPARTMENT.

INCIDENTS OF WATER SUPPLY TESTS.

By J. T. FANNING, MINNEAPOLIS.

Only those who consider thoughtfully and broadly the duties of the builders and managers of public water supplies, whether he be city official or private citizen, will be deeply impressed with the responsibilities that accompany those duties. In building the works, the smallest part, and each part of the various details, even to the complete whole, must be planned and executed with cautious thoughtfulness and skillful workmanship, and afterwards, in their management there must be no relaxation from eternal vigilance. It is of momentous consequence that every part of the construction be not only adapted; but that each part shall be always ready to fulfill its function in a perfect manner. A stoppage of pressure in the public fire hydrants gives consternation in a city, but a shutting off of water from the kitchens, the steam boilers and the sanitary apparatus paralyzes the activities of the community.

All of those who have care of public water supplies are not alike capable of being impressed with the importance of faithfulness, carefulness and cautiousness in their duties, and when on rare occasions there are conspicuous neglects or oversights, such may with profit be made the basis of object lessons, for the information or the warning thereby suggested. A few selected instances briefly cited will suffice for the present purpose.

On inspection of a small steam pumping plant the gauge on its only boiler was found not indicating the pressure within the boiler, and on trying the lever safety valve of the boiler it was found stuck so fast that only with considerable difficulty it was tried loose so that it could act as a relief if the steam pressure became dangerous. The station attendant depended on the way his pumps worked for his information of the pressure within the boiler and was thus satisfied in protecting his own life from the danger of a boiler explosion and the village from a loss of its water supply.

In another case, a large cylinder, condensing engine with fly wheel was unable to do the work required and it was supposed that a new engine must replace it at once. The engine on inspection appeared to be of good workmanship and of capacity to do the work required. On applying an indicator it was found that its cut-off steam valves were so adjusted that three-fourths of its work was being done in one end of its cylinder. The valves were set in their proper positions, and although this was five years ago no further complaint has come from the proprietors of the plant.

In another instance some water works bonds were offered for sale. The prospectus scheduled an admirable plant. Included in this were three pumps, one a duplex, direct acting compound, condensing pumping engine, and the remaining two were single acting high pressure pumps. At time of examination of works, in the interest of supposed investors, the duplex pump was at work smoothly, and the other pumps were said to be reversed for fire purposes. The fire pressure was given direct from the pumps. When the attendant was asked to start up the two single acting pumps, he hesitated, and then explained that one of them was out of order and had not been used since he came to the care of the station, four months previously.

On being pressed to start the other pump, he secured a valve key and disappeared through a trap door into the basement. Soon he was heard laboring to start a valve in the force main that was shut and stuck fast, and cutting the pump off from distribution pipes. In time, he came up with bruised hands and turned on steam to start this one pump said to be in order. It resisted, then jerked two inches and resisted again, then jumped to about three-quarter stroke, and afterwards would not move in either direction. He apologized that he had not time to clean her up since he came, yet this point was trusted as a guardian angel, to save them from a conflagration.

DEBENTURES WANTED.

Municipalities issuing debentures, no matter for what purpose, will find a ready purchaser by applying to G. A. STIMSON, 9 Toronto Street, Toronto, N.B.—Money to loan at lowest rates on first mortgage.

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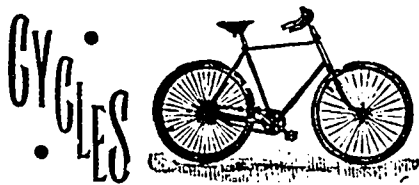
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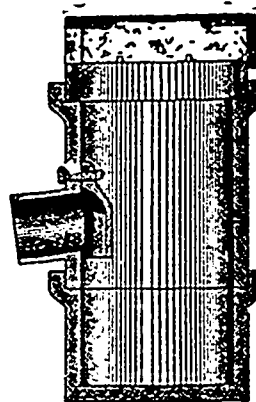
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Made of cast iron
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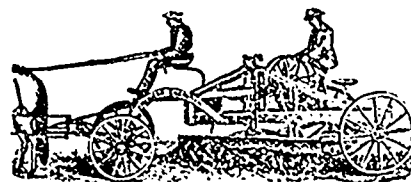
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JOSSON, PETERS and BURHAM Brands for highest class work.
WHITE HORSE, R. W., IMPERIAL, & C., FROM \$2.00 PER BARREL.

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CHAMPION ROAD MACHINES
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Works: MONTREAL AND ST. HENRI, QUE.
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CAST IRON WATER AND GAS PIPES

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PRICES ON APPLICATION.

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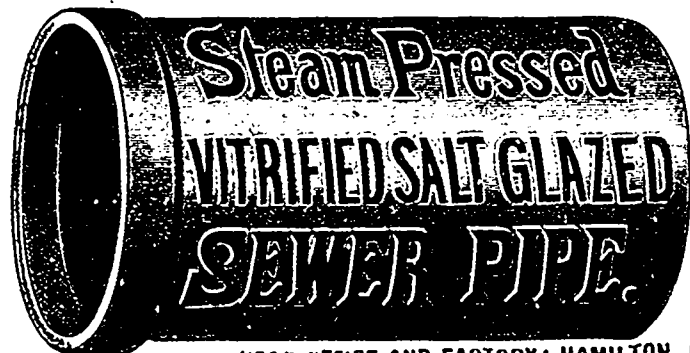
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PIPES**

Double Strength
Railway Cul-
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AND ALL KINDS OF FIRE CLAY GOODS.

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SEWERS,
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WATER PIPES.
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Fire Brick Sewers

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should see to it that in the erection of town and city PUBLIC BUILD-
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MINERAL WOOL

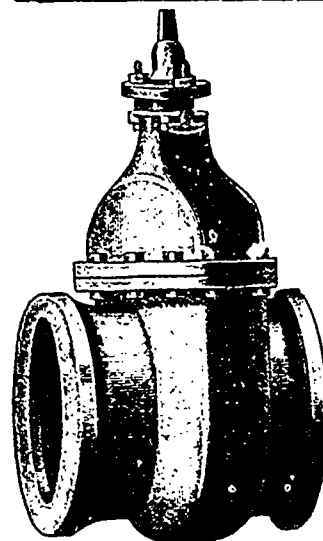


are made use of for deadening sound in floors and partitions, insulation of heat and cold, fireproofing,
etc., also SECTIONAL MINERAL WOOL COVERING for steam pipes, boilers, exposed water
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CANADIAN MINERAL WOOL CO., Limited, 122 BAY ST., TORONTO.

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London, Ont.

To Municipal Corporations and Contractors :

... WE MANUFACTURE ...

Hydrants, Valves, Valve Boxes

and Water Works Supplies generally,

INCLUDING

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And also Tools for tapping mains under pressure . . .
Plumbers' and Engineers' Brass Work of all descriptions.

THE G. & J. BROWN MFG. CO.

Railway and Contractors' Plant.

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**CENTRAL BRIDGE AND
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(LIMITED)**
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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
done by hydraulic or compressed air machines.
Specialties: Good workmanship and strict adherence
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CAPACITY: 2,000 TONS PER ANNUM.

D. BIER & CO.
BUILDERS OF THE
... Bear Patent ...
COMBINATION - BRIDGE
DOON, ONT.
All communications promptly answered.

Prices of Building Materials.
CONDITION OF THE MARKET.

With the country trade the demand for builders supplies is keeping up fairly well, but there has been no marked improvement in the city trade. General hardware is moving freely, the demand being mostly for shelf goods. A moderate jobbing improvement is reported in lead pipe and galvanized iron. Iron pipe is quiet and prices remain unchanged. The arrivals of cement in Montreal for last week were 2,300 barrels of Belgian. The total receipts at that port for the season up to date are 36,750 barrels of English and 15,025 Belgian, as against 68,800 and 15,975 barrels last year. Business in that line is very limited. The price of glass is unsatisfactory, and cutting is being practiced. We quote \$1.20 to \$1.25 for first break.

LUMBER.
CAN OR CARBO LOTS.

	Toronto.	Montreal.
1 1/2 to 2 clear picks, Am. ins.	33 00@36 00	40 00@45 00
1 1/2 to 2 three uppers, Am. ins.	37 00	40 00 45 00
1 1/2 to 2, pickings, Am. ins.	26 00	27 00 30 00
1 inch clear	52 50	60 00
3 x 10 and 12 dressing and better.	20 00	22 00 18 00 20 00
2 x 10 and 12 mill run	16 00	17 00 19 00
2 x 10 and 12 dressing	20 00	22 00 18 00
2 x 10 and 12 common	13 00	14 00 8 00 10 00
2 x 10 and 12 spruce culls	10 00	11 00 10 00 11 00
2 x 10 and 12 culls	9 00	10 00 9 00
1 inch clear and pickings	28 00	32 00 33 00 35 00
1 inch dressing and better	20 00	22 00 18 00 20 00
1 inch siding, mill run	14 00	15 00 14 00 16 00
1 inch siding, common	12 00	13 00 12 00 14 00
1 inch siding, ship culls	11 00	12 00 10 00 11 00
1 inch siding, mill culls	9 00	10 00 8 00 9 00
Cull scantling	8 00	9 00 8 00 9 00
1 1/2 and thicker cutting up plank	24 00	26 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	16 00	17 00 14 00 15 00
1 1/2 inch flooring	16 00	17 00 14 00 16 00
XXX shingles, saw, per M	2 50	2 60 2 60 2 60
XX shingles, sawn	1 50	1 60 1 60 1 70
Lath	2 40	

VALD 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 10 00
Hemlock scantling and joist up to 18 ft.	12 00	13 00 12 00 13 00
Hemlock scantling and joist up to 20 ft.	13 00	14 00 13 00 14 00
Cedar for block paving, per cord	5 00	5 00
Cedar for Kerbing, 4 x 14, per M	14 00	14 00
Scantling and joist, up to 16 ft	14 00	14 00 15 00 15 00
" " " " " " " "	18 ft	15 00 16 00 16 00
" " " " " " " "	20 ft	16 00 16 00 16 00
Scantling and joist, up to 22 ft	17 00	17 00
" " " " " " " "	24 ft	19 00 18 00 19 00
" " " " " " " "	26 ft	20 00 21 00 21 00
" " " " " " " "	28 ft	22 00 23 00 23 00
" " " " " " " "	30 ft	24 00 25 00 25 00
" " " " " " " "	32 ft	27 00 27 00
" " " " " " " "	34 ft	29 00 29 00
" " " " " " " "	36 ft	31 00 31 00
" " " " " " " "	38 ft	33 00 33 00
" " " " " " " "	44 ft	34 00 36 00
Cutting up planks, 1 1/2 and thicker, dry	25 00	28 00 25 00 26 00
Cutting up planks, 1 1/2 and thicker, board	18 00	24 00 18 00 22 00
1 1/2 in. flooring, dressed, F.M.	26 00	28 00 31 00
1 1/2 inch flooring, rough, F.M.	18 00	22 00 18 00 22 00
1 1/2 " " " " " " " "	25 00	28 00 27 00 30 00
1 1/2 " " " " " " " "	18 00	19 00 18 00 19 00
1 1/2 " " " " " " " "	18 00	20 00 18 00 22 00
1 1/2 " " " " " " " "	12 00	15 00 12 00 15 00
Beaded sheeting, dressed	20 00	25 00 22 00 35 00
Clapboarding, dressed	12 00	12 00
XXX sawn shingles, per M	2 60	2 70 3 00
Sawn lath	2 50	2 60 2 50 2 60
Cedar	2 90	2 90
Red oak	30 00	40 00 30 00 40 00
White	37 00	45 00 35 00 45 00
Basswood, No. 1 and 2	28 00	30 00 18 00 20 00
Cherry, No. 1 and 2	70 00	90 00 70 00 80 00

Toronto. Montreal.

White ash, No. 1 and 2	34 00	35 00	30 00	35 00
Black ash, No. 1 and 2	20 00	30 00	18 00	30 00
Dressing stocks	16 00	22 00	16 00	22 00
Picks, American inspection	30 00	30 00	40 00	40 00
Three uppers, Am. inspection	57 00	57 00	50 00	50 00

BRICK - M

Common Walling	6 10	6 10	6 00	6 00
Good Facing	8 00	8 00	8 50	8 50
Sewer	8 50	8 50	8 50	9 00

Pressed Brick, Per M:

Red, No. 1, f.o.b. Beauville	16 0	16 0	16 0	16 0
" " " " " "	14 0	14 0	14 0	14 0
" " " " " "	9 0	9 0	9 0	9 0
Buff	21 00	21 00	21 00	21 00
Brown	24 00	24 00	24 00	24 00
Roman Red	30 00	30 00	30 00	30 00
" Buff	35 00	35 00	35 00	35 00
" Brown	40 00	40 00	40 00	40 00
Sewer	7 50	7 50	7 50	7 50
Hard Building	6 0	6 0	6 0	6 0
Roof Tiles	22 00	22 00	22 00	22 00
Hip Tile (each)	20	20	20	20
Ridge Tile	60	60	60	60

Red "A" f.o.b. Don Valley	18 00	25 00	18 00	25 00
Red "B" " " " "	16 00	20 00	16 00	20 00
Red "C" " " " "	15 00	17 00	15 00	17 00
Trojan and Corinthian	21 00	28 00	21 00	28 00
Pompeian	22 00	29 00	22 00	29 00
Athenian and Egyptian	25 00	31 00	25 00	31 00
Tyrian	35 00	41 00	35 00	41 00
Sicilian	40 00	45 00	40 00	45 00
Roman	35 00	40 00	35 00	40 00
Carthaginian	40 00	45 00	40 00	45 00
Ornamental	30 00	100 00	30 00	100 00

1st quality, f.o.b. at Port Credit	14 00	18 00	14 00	18 00
2nd " " " "	12 00	15 00	12 00	15 00
3rd " " " "	8 00	12 00	8 00	12 00
Hard building brick	6 50	6 50	6 50	6 50
Ornamental, per 100	3 00	10 00	3 00	10 00

SAND.

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

Common Rubble, per toise, delivered	14 00	14 00	14 00	14 00
Large flat Rubble, per toise, delivered	18 00	18 00	18 00	18 00
Foundation Blocks, per c. ft.	4 50	5 00	4 50	5 00
Kent Freestone Quarries Moncton, N. B., per cu ft., f.o.b.	1 00	1 00	1 00	1 00
River John, N. S., brown Freestone, per cu. ft., f.o.b.	95	95	95	95
Ballochmyle	80	90	65	75
New York Blue Stone	1 05	1 05	1 05	1 05
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.	25	25	25	25
Moat Freestone	70	80	70	80
Thomson's Gatelawbridge, cu. ft.	75	80	75	80
Credit Valley Rubble, per car of 15 tons, at quarry	8 00	8 00	8 00	8 00
Credit Valley Brown Coursing, up to 10 inch, per sup. yard, at quarry	1 75	1 75	1 75	1 75
Credit Valley Brown Dimension, per cu. ft. at quarry	60	60	60	60
Credit Valley Grey Coursing, per superficial yard	1 50	2 00	1 50	2 00
Credit Valley Grey Dimension, per cubic foot	60	75	60	75
Madoc Rubble, delivered, per toise	14 00	14 50	14 00	14 50
Madoc dimension floating, f. o. b. Toronto, per cubic ft.	70	72	70	72
Ohio Freestone, No. 1 Blue Promiscuous, f.o.b.	60	65	60	65
No. 2 Blue Dimension	80	85	80	85
No. 1 Buff Promiscuous	85	85	85	85

The above prices means freight and duty paid.

SLATE.

Roofing (per square)	16 00	20 00	16 00	20 00
" red	9 00	10 00	9 00	10 00
" purple	8 50	6 00	8 50	6 00
" untanding green	8 50	7 50	8 50	7 50
" black	22 00	22 00	22 00	22 00
Terra Cotta Tile, per sq.	8 00	8 00	8 00	8 00
Ornamental Black Slate Roofing	16 00	20 00	16 00	20 00

PAINTS. (In oil, @ lb.)

White lead, Can., per 100 lbs.	6 25	5 50	6 00	6 25
" zinc, Can., " "	6 50	7 50	7 50	8 00
Red lead, Eng.	4 00	5 00	4 00	5 00
" venetian, per 100 lbs.	1 60	1 75	1 60	1 75
" vermilion	90	1 00	90	1 00
" Indian, Eng.	10	12	10	12
Yellow ochre	5	10	4	6
Yellow chrome	15	20	15	20
Green, chrome	7	12	7	12
" Paris	20	25	20	25
Black lamp	15	25	12	25
Blue, ultramarine	15	20	12	18
Oil, linseed, raw, f. imp. gal.	54	59	63	65
" " " " " "	57	63	66	68
" " " " " "	78	85	75	75
" " " " " "	78	85	75	75
Putty	2 50	2 50	2 50	2 50
Whiting, dry, per 100 lbs.	7 50	1 00	60	75
Paris white, Eng., dry	90	1 25	90	1 10
Litharge, Eng.	4	5	6 1/2	8
Sienna, burnt	1 1/2	1 5	1 1/2	1 5
Umber	8 1/2	1 2	1 2	1 5

CEMENT, LIME, etc.

Cement, Portland, per bbl.	2 25	3 50	2 25	3 50
" German	3 25	2 65	2 85	3 50
" London	2 75	2 45	2 90	3 50
" Newcastle	2 50	2 05	2 30	3 50

Toronto. Montreal.

Cement, Belgian, per bbl.	2 30	2 10	2 50	2 50
" Canadian	2 20	2 50	2 25	2 30
" Roman	2 75	2 75	2 75	2 75
" Rorian	4 50	4 7	4 10	4 75
" Superfine	6 50	7 00	6 50	7 00
" Thorold	1 0	1 0	1 0	1 0
" Queenston	1 5	1 5	1 5	1 5
" Napanee	1 5	1 5	1 5	1 5
" Hull	1 0	1 0	1 0	1 0
Keene's Coarse "Whites"	4 50	4 75	4 50	4 75
Calcined plaster, per barrel	1 55	1 55	1 55	1 70
Fire Bricks, Newcastle, per M	23 00	30 00	17 50	22 00
" Scotch	23 00	0 00	24 00	30 00
Lime, Per Barrel, Grey	4 00	4 00	4 00	4 00
" White	5 5	5 5	5 5	5 5
Plaster, Calcined, N. H.	2 00	2 00	2 00	2 00
" N. S.	2 00	2 00	2 00	2 00
Hair, Plasterers', per bag	8 1 00	8 1 00	8 1 00	8 1 00

HARDWARE.

Cut nails, 5-d & 6-d, per keg	2 40	2 25	2 40	2 25
Steel " "	2 50	2 35	2 50	2 35
CUT NAILS, FRICK AND CUT SPIKES.				
40d, hot cut, per 100 lbs	5	10	5	10
30d, " " " "	15	15	15	15
20d, 16d and 12d, hot cut, per 100 lbs	20	20	20	20
10d, hot cut, per 100 lbs	25	25	25	25
8d, 9d, " " " "	40	40	40	40
6d, 7d, " " " "	50	60	50	60
4d to 5d, " " " "	1 00	1 00	1 00	1 00
3d, " " " "	1 50	1 50	1 50	1 50
2d, " " " "	2 00	2 00	2 00	2 00
4d to 5d cold cut, not polished or blued, per 100 lbs	50	50	50	50
3d to 5d cold cut, not polished or blued, per 100 lbs	90	90	90	90