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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF

PUBLIC WORKS • TENDERS •
ADVANCE INFORMATION •
AND MUNICIPAL PROGRESS

EVERY THURSDAY

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

Vol. 5.

APRIL 26, 1894

No. 12

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.

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

Advertising Rates on application.

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

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 30th and 31st, 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."

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Notice to Contractors

CANADIAN CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the *Canadian Contractor's Hand-Book*, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post-paid to any address in Canada on receipt of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authenticated information on a wide variety of subjects adapted to his daily requirements.

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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.

RATES—12 words and under, 15 cents; each additional word, 1 cent (three figures count one word); on two or more subsequent insertions a discount of 50 per cent. will be allowed. Not more than four insertions of an advertisement can be granted.

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FOR SALE—Wood and glass partition, 9 feet high, 28½ feet long, including door 3x3 feet. Pine, natural finish, ground glass in panels. In use little more than a year. Cost over \$50. Will be sold at a sacrifice. Box 50, CONTRACT RECORD office.

TENDERS.

Sealed tenders will be received at my office up to 5 o'clock on TUESDAY, MAY 15TH, for the

ELECTRIC LIGHTING

of the City of London, for a term of 1, 3, 5 or 8 years. Plans and Specifications may be seen at my office. Ald. E. PARNELL, A. ORMSBY GRAYDON, Chairman No. 3 Committee. City Engineer.

NOTICE TO CONTRACTORS.

Sealed, whole or separate tenders, addressed to the undersigned and endorsed "Tenders for the erection of a Girder Iron Bridge over the Bonnechere River in the Village of Renfrew," will be received until TUESDAY, THE 1ST DAY OF MAY, A.D., 1894, at 12 o'clock noon.

Plans and specifications can be seen and form of tender obtained at the offices of the undersigned, in the village of Renfrew, or of J. L. Morris, C.E., Pembroke, after Monday the 16th inst.

Persons are notified that tenders will not be considered unless made on the printed form supplied and signed with their actual signatures. Each tender must be accompanied by an accepted bank cheque made payable to the order of James Craig, Reeve of Renfrew, equal to five per cent. of the amount of the tender, which will be forfeited, if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender is not accepted the cheque will be returned. This Corporation does not bind itself to accept the lowest or any tender.

By order,

JAS. K. ROCHESTER,

Clerk of Village of Renfrew.

Renfrew, April 9, 1894.

TENDERS

will be received by the undersigned, up to SATURDAY, MAY 5TH, for the various works in the erection of a Brick Residence in the Town of Penetanguishene, also a Business Block in the Village of Elmvale.

Plans and specifications may be seen at the store of C. G. Gendron, Esq., Penetanguishene, or at the office of Architects. Lowest or any tender not necessarily accepted.

THOS. KENNEDY & CO.,
Barrie, Ont.

NEW COMPANIES.

OTTAWA, ONT.—Crown Pressed Brick Co., seeking incorporation; capital, \$10,000; to manufacture pressed brick, terra cotta drain pipes, etc.; incorporators: H. L. Corbett, J. G. B. Butterworth, and G. W. McCulloch, of Ottawa, H. Mills, of Ormstown, and others. The gentlemen above named are to be the provisional directors.

MONTREAL, QUE.—Imperial Writing Machine Co., seeking incorporation, capital \$400,000; applicants, Hon. G. A. Drummond, Sir Donald Smith, James Ross and others.—Canada Forwarding and Export Co.; capital \$10,000; applicants, W. E. Muir, G. Lomer, J. J. Higginson and James Atcheson.

BUSINESS NOTES.

The sheriff is said to be in possession of the estate of S. Wilcox, painter, New Westminster, B. C.

Andrew Mackay and Walter Ryan have formed a partnership to carry on business in Montreal as plumbers.

CONTRACTS OPEN.

CACHE BAY, ONT.—Messrs. Cockburn & Sons will build a saw mill here.

WINGHAM, ONT.—A half mile race track is to be built here this summer.

WEST PATON, QUE.—The erection of a parsonage for the Union Church is under consideration.

FREDERICTON, N. B.—A saw mill will be built here by Mr. Donald Fraser, of River du Chute.

LONDON, ONT.—The Council will be petitioned to build a permanent break-water around London West.

AYR, ONT.—John W. Maus is asking tenders for his new two-storey brick residence, on plans prepared by John Kay, architect.

PEMBROKE, ONT.—It is said the Canadian Pacific Railway Company intend building new stations at Pembroke, Renfrew and Arnprior.

DANVILLE, QUE.—The Danville Slate Company contemplate building an electric railway from the quarries to Danville station, a distance of 3½ miles.

HARROW, ONT.—Mr. Joseph Drummond, Township Clerk, will receive tenders until Monday, the 30th inst., for various repairs to the town hall.

ST. JOHN, N. B.—It is rumored that the purchasers of the St. John street railway are arranging for the erection of a large hotel, to cost probably \$250,000.

PARIS, ONT.—We understand that the Paris Carpet Company whose factory was destroyed by fire are considering the reconstruction of their factory at some other place.

LUNENBURG, ONT.—Mr. J. A. Pickett, C. E., of New Glasgow, has prepared plans for the proposed system of waterworks for this town. The cost is estimated at \$70,000.

CASSELMAN, ONT.—Mr. E. A. Johnston, Clerk of Prescott and Russell, will present a report at the next meeting of the County Council on the reconstruction of the bridge at this place, recently swept away.

MONCTON, N. B.—At a recent meeting of the Board of Trade, it was resolved to again petition the Dominion Government urging the construction of a floating dock at this place, for which a subsidy of \$160,000 is asked.

KINGSTON, ONT.—The annual report of the Department of Militia and Defence for the Dominion, points out that a proper drainage of the military barracks in this city is deemed impossible, and urges the erection of a new building.

YARMOUTH, N. S.—Mr. Hiram Goudey, Town Clerk, invites tenders on behalf of the corporation until the 22nd of May for the purchase of \$60,000 of debentures, issued for the purpose of providing funds for the construction of a system of waterworks.

STRATFORD, ONT.—The Stratford Bridge & Iron Works, Stratford, Ont., will enlarge their works this spring. They

will erect a two-story building 85 x 50 ft. and another 123 x 40 ft. one-storey, and a boiler house, and will add considerable new machinery.

MUNSTER, ONT.—Tenders are invited by the Building Committee, Messrs. L. Morton, W. A. Tremble and J. N. Garland, until Saturday, the 5th of May, for the erection of a stone church in this village. Plans may be seen at the residence of Mr. J. Conley.

WINNIPEG, MAN.—Tenders are invited by Mr. J. C. Sproule, Chairman Committee on Works, until Thursday, 27th May, for the construction of iron and wood superstructures for the Maryland street bridge. Full information may be obtained from Mr. H. N. Ruttan, City Engineer.—The Council has been petitioned to construct a sewer on Selkirk, Flora and Salter streets. The cost is estimated at \$16,000.

FORT WILLIAM, ONT.—The Salvation Army have purchased a lot on Victoria avenue and will shortly commence the erection of a brick veneered barracks, 24 x 70 feet in size.—The cost of constructing a system of waterworks for the town as per plans prepared by Mr. Armstrong, C. E., is estimated at \$62,000. At the last meeting of the Council it was decided to submit a bylaw to the ratepayers authorizing the Council to raise the necessary funds.

OTTAWA, ONT.—Mr. E. F. E. Roy, Secretary Department of Public Works, will receive tenders until the 4th of May, for the construction of a pier at Philipsburg, Que. Plans may be seen at the post-office at Philipsburg.—Mr. Alex. Robertson will erect a two-story brick dwelling on the west side of Bank street opposite the Slimo block.—Mr. Robert Surtees, City Engineer, will receive tenders until the 2nd of May for the construction of plank and artificial stone sidewalks required during this year.

MONTREAL, QUE.—The Ladies Committee of the Montreal Homeopathic Hospital have decided to canvass for subscriptions towards the \$10,000 required to build the new wing. The work will not be commenced until the necessary funds are subscribed.—The City Surveyor has given notice to the ratepayer that it is proposed to construct sewers on the following streets: Chicago avenue from St. Catherine street to Robillard street; Duluth avenue, from St. Dominique street to St. Hypolite street.

HAMILTON, ONT.—The Canadian Association of Amateur Oarsmen have petitioned the council to erect a boathouse at the Beach.—Surveys are being made for the proposed East End Incline Railway, and it is thought contracts will be awarded about the 1st of May. The cost of construction will be in the neighborhood of \$25,000. Mr. J. N. Lake is among the principal promoters.—The Board of Education will ask the City Council to transfer to the Board a piece of land on Sophia street, between Head and Florence sts., as a site for a new school.—The following

building permits have been granted; Mrs. E. Simons, two-story brick dwelling on Main street, between Queen and Ray streets, cost \$3,000; trustees of Knox church, brick Sunday school building, northeast corner of Cannon and James street, cost \$7,000; A. B. Coleman, two-story brick dwelling on Hughson street, between Young and Maria streets, cost \$28,000; Thomas Allan, two story brick dwelling on Herkimer street, cost \$2,100; Isaac Davis, two brick cottages on Cannon street, between East avenue and Emerald street, cost \$1,300.—It is reported that the officials of the Centenary Church are contemplating the purchase of James H. Mills property at the corner of Jackson and Charles streets for the purpose of building a new church thereon. The report, however, is not confirmed by the Building Committee.—The Board of Works has decided to submit a by-law to the ratepayers authorizing the construction of permanent pavements on King and James streets, to cost \$150,000. It has also been decided to recommend to Council that Mr. F. B. Rae, of Detroit, be engaged to prepare plans and make an estimate of the cost of installing an electric light plant.

TORONTO, ONT.—A new school house will be erected at once by the Trustees of School Section No. 25, York township.—A by-law has received its third reading by the York Township Council granting the Toronto and Scarboro Electric Railway Company an extension of one year for the construction of its road to Little York.—It is the intention of Messrs. John Catto & Son to erect a new building on the site of their present warehouse on King street.—The scheme advocated by Col. Sweney, of making an aquatic course three quarters of a mile long at Island Park, is being taken up by city oarsmen, and the Council will be petitioned to commence work this season. The cost of dredging is estimated at \$5,000.—The Ontario Government has approved of the expenditure by the University of Toronto, of \$20,000 for the equipment of a chemical laboratory, \$8,000 for completion of gymnasium building and \$12,000 for glass and iron cases for the museum.—Tenders are invited by Mr. John Bailey, Chairman Local Board of Health, until Thursday, May 3rd, for the erection of a disinfecting station adjacent to the Isolation Hospital. Plans may be seen at the City Clerk's office or at the office of the Medical Health Officer, St. Lawrence Hall. Building permits have been granted as follows: Mrs. C. Ruthven, 2 story front extension, 346 Parliament street, cost, \$1,000; W. T. Bero, 1 story mansard, brick additions and alterations to hotel, n. w. cor. Dundas and Queen street, cost, \$3,000; J. T. Wilson, 2 story brick addition and alterations, 41 and 43 Murray street, cost, \$3,500; J. Gunn, Toronto Railway Co., alterations and additions, 133 Isabella, street, cost, \$2,000.

FIRES.

R. Fisher's dwelling at Belleville, Ont., was burned on Thursday of last week. Loss, \$1,000; no insurance.—The St. Patrick's Orphan Home at Ottawa, Ont., was badly damaged by fire on the 20th inst.—The Central House at St. Paul's Bay, Que., owned by J. Dechene, and a house belonging to George Cimon, were destroyed by fire a few days ago. Both were partially insured.—The brick summer residence of Mr. L. L. Belcher, of London, situated on the second concession of Westminster township, was destroyed by fire on the 22nd inst. Loss, \$25,000; partially insured.—Richardson & Son's lumber mills at Bedford, N. S., were burned last week. Loss, \$8,000 to \$10,000; insurance \$2,000.—The post office building at Stratford, Ont., was damaged by fire recently to the extent of \$4,500.—Fire at Ermsville, Ont., on the 23rd inst. destroyed the Phelan house, loss, \$3,000, J. E. Murphy's shop and dwelling, loss, \$1,200, R. Walsh's shop and dwelling, loss, \$800, and A. Steward's residence.—The Allandale flour and oatmeal mills at Lang, Ont., about 10 miles from Peter-

boro', owned by John Humphrey, were destroyed by fire on Monday last. Loss, \$5,000.—The business portion of Fitch Bay, Que., was almost entirely destroyed by fire on the 24th inst. Some of the buildings destroyed were E. B. Doliff's sash and door factory and the shops of George Reticker, John Carr, L. H. Rand, John Gardin and Horace Carr.

CONTRACTS AWARDED.

TORONTO, ONT.—The Canadian General Electric Company have been awarded the contract for the electric light and power generating plant to be installed by the Dominion Government at the Sault Ste Marie Canal locks.

KINGSTON, ONT.—Mr. Arthur Ellis, architect, has awarded contracts as follows for a residence on Young street for Mr. J. A. Craig; masonry, R. Clugston; carpentry, O'Rielly and Hooper; plumbing and tinmithing, Elliott Bros.

WINNIPEG, MAN.—Mr. Chesterton, architect, has let the contract for additions and improvements to the Medical College to Mr. W. A. Charlesworth, at the price of \$6,000.—Contracts for the erection of the Davis block on Market square have been awarded as follows: masonry, Kelly Bros.; carpentry, Bruce & Madden; roofing, J. L. Wells & Co.; painting and glass, R. Leckie; plumbing, Plaxton Bros.

PREPARING OLD WALLS.

Some painters think the best way is to refuse to touch them until they have been repaired by a plasterer, but in that case nine times in ten the work will not be well done. As a rule the man of trowels gets out of such a job if he can, or slights his work. He will plaster up the large holes, and that is all he can be relied upon to do, and it is always well to insist that so much at least shall be done by the mason. To prepare an old wall, first cut out the cracks in this shape, V, and cut the holes on the same level, then paint the edges, or cement them with a strong glue size to the top section—one way is as good as the other. Then fill carefully with fine plaster Paris mixed with weak glue size. If you find places where the clinches are broken and the plaster is loose on the lath, cut holes through the plaster, put a small, broad-headed screw in the lath even with the plaster and cement around it with the plaster Paris. Three or four screws will fasten half-a-yard of loose wall. If it is a smooth wall with rough, sand patches, sandpaper down the patches a little below the general level of the wall, sweep out the loose plaster, give a coat of glue size and knife in a coat of plaster Paris or whiting mixed with glue size, and when dry sandpaper until smooth and level. Now, if you want a nice surface to put rich paper on put on a coat of lining paper, good white blank wallpaper with but little colour will do. But: the edges, and be sure that every inch of it is made fast with a good stout flour paste. Select a porous paper, which will not blister. If it is on a sandy wall beat it well into the same with the ends of your brush. Then, when dry, sandpaper out the most prominent grains of sand, and you are ready to put on your paper. If you want to paint treat a wall the same way. If you put on linen paper when you want to paint put a coat of glue size over your lining paper. On the outside walls where there is danger of dampness from frost put a prime coat of paint on the wall before you put on your lining paper. If your wall is an old affair, part smooth and part rough sand patches, you can do a neat, rustic job by sanding the whole of it. First see that the cracks and holes are stopped, the loose places fastened, and the patches leveled down. Then give the wall a prime coat; next a coat of glue size, then a heavy body coat of oil paint, one-fourth turps and a little drier, then sand the whole wall with washed and sifted sand, and be sure that your paint is right to hold a full, uniform coat. When dry, sweep off the loose sand and put on your colour, and you will make a new wall

of an old one. It is about the best way to give an old, cracked and patched wall a uniform and new-looking surface when painted. Of course, it is a little hard to paint, but a coat of glue size on the sand before painting helps out wonderfully, and if care is taken to use a fine sieve for the sand it will paint easier than a new, rough, sand-finished wall.

CLASSIFICATION OF LIMES.

Until within a very recent period it was held that ordinary limestones, when burnt in kilns, parted with their water of crystallization and their carbonic acid, and were thus reduced to the state of an amorphous, spongy material, highly caustic, with a great avidity for water and of small specific gravity. No change has yet taken place in this part of the theory of limes; nor have the principles enumerated by M. Vicat with respect to the influence of the various substances in combination with the lime in the natural limestones been materially shaken. The most competent authorities agree with M. Vicat in attributing the differences of the rapidity of setting of various ordinary limes to the presence or the absence, of some of the different forms of silica, alumina, magnesia, or iron; or, in some cases, to a mixture of them all. The chemical combination of silica and alumina with lime in the stone appears to exercise the greatest influence upon the hardening of resulting limes; or, in other words, the presence of the silicate of alumina in the limestone has been found to have so decided an influence upon the properties of the lime made from it, that the relative qualities of that salt ascertained to be in stone have been universally admitted as forming a convenient scale for judging of its value as a source of lime. Perfectly pure carbonate of limestones, such as the upper and middle chalk, and most of the marbles, yield in fact a pure caustic lime, whose properties are that it swells when mixed with water sometimes to two and a half times its original volume and that when in large masses it never hardens—within appreciable periods, at least. The presence of a small portion of the silicate of lime in the limestone (as in the case of the chalk marl) produces the following effects: Firstly, that the caustic lime in slaking, or taking up water, does not swell to the same extent as pure caustic lime would do, secondly, that the resulting paste of lime, even when in large masses, will set within comparatively speaking short periods, and thirdly, that it resists the solvent action of running water more satisfactorily than pure caustic lime would do; the latter indeed would be entirely removed if exposed to such a test for a sufficiently long period. A greater proportion of silicate of alumina increases the energy of the setting and hardening powers of the lime, as in the case of the blue lias limes; and, finally, when the proportions of the silicate exceed a certain point, the limestones in which they exist yield a class of materials called cements, which set without any marked increase of volume, and rapidly acquire a great degree of hardness, and are insoluble in water. These various qualities serve to classify the limes and cements; for the former are called rich or poor according as they may or may not swell in slaking; and hydraulic or non-hydraulic as they may or may not resist the solvent action of water. The cements are all poor, and most of them are permanently hydraulic. It is found that so long as the limestone does not contain more than ten per cent. of foreign matters, the lime it yields is rich and non-hydraulic. When the foreign matters exceed ten per cent. the lime becomes more and more poor; but if the foreign matters should consist of the silicate of alumina or the silicate of magnesia, the hydraulicity increases in proportion to them.

THE SHOT PROCESS OF DRILLING STONE.—The shot process of drilling recently introduced is the application of a very simple scientific and mechanical principle. In this method of drilling through rock, steel shot are poured inside

of the drill pipe, into a ring or channel made in the rock by a few revolutions of the pipe, the latter bearing on this ring of shot, and, when the pipe is revolved, it causes the shot to revolve also and cut the channel in the rock deeper. From the results thus far obtained, it is expected that, as the boring of large holes through hard rock by means of diamonds—the cost of which, as is well known, continues to be very great—is very expensive work, the new process of drilling by means of steel shot will be used in many cases as a substitute for that of the diamond drill.

MUNICIPAL DEPARTMENT.

MEDIUM SIZE FOR SEWERS.

Much has been written of late says an American contemporary, concerning the minimum size to be used in public sewers, and many reasons have been given for one or another. The great majority of engineers appear to favor eight inches, though some strenuously contend for six inches.

There can be no question that entirely satisfactory results have been secured, says an exchange, with six inch pipes. Where an entire system, from interior fixtures to sewer outlet, can be built under close and competent supervision and kept, when in operation, under intelligent care and inspection, six inches should be a minimum size.

Even under the most favorable conditions which might admit the use of six inch pipe, this size should be used only for short distances. A sewerage system is, or should be, the most permanent of public works. It should be designed and constructed for the future as well as for the present.

No sewer should be designed to flow full under any circumstances. No lateral sewer should flow more than one half full under its maximum service, if thorough ventilation and sanitation is sought. Neither should a sewer be designed and laid for less service than that of a district compactly built upon, to at least urban density. If these principles be considered a six inch sewer should not exceed 600 feet in length when laid at such a grade as will give a mean velocity of two feet per second when flowing half full. Greater lengths of six inch pipe have been laid and served well, but these sewers are found in sparsely settled districts.

A minimum size of eight inches will be found to meet all the requirements more satisfactorily than will six inches.

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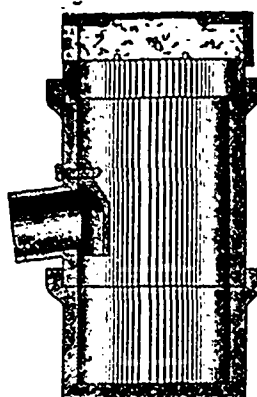
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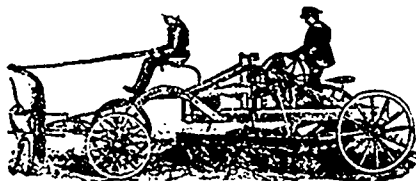
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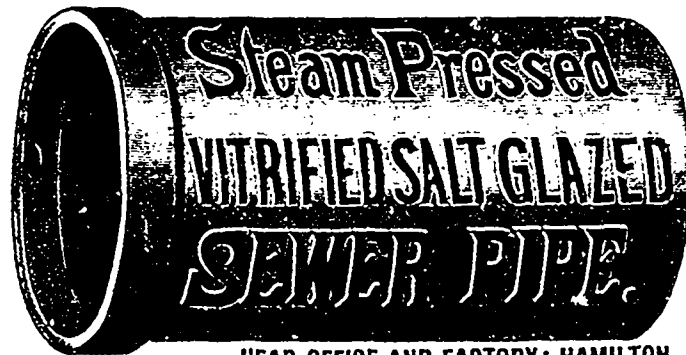
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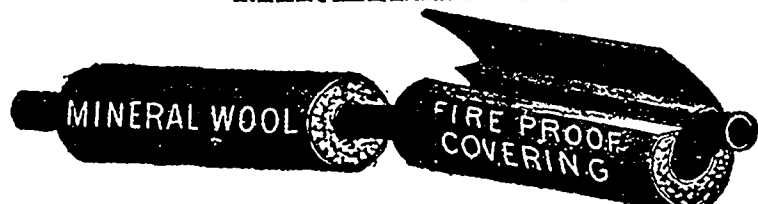


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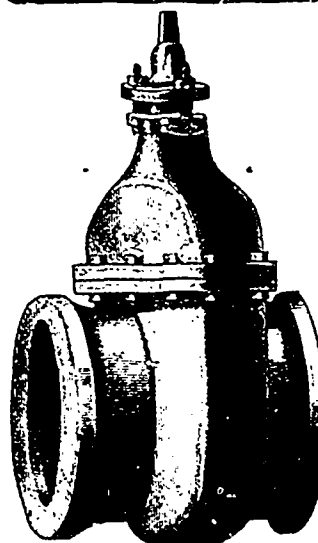
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Tension members forged without welds. Riveting
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Specialties: Good workmanship and strict adherence
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DISINFECTING MACHINE.**

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Prices of Building Materials.

CONDITIONS OF THE MARKET.
No marked improvement in the demand for builders
supplies has taken place, although the country trade is
said to be slowly improving, and favorable reports are
being received from the rural lumbering sections. It is
expected that building operations in Toronto this season
will not be remarkably brisk. There have been few
features in the cement market, only a fair movement in
small lots being noted, and no large transactions having
taken place. Prices consequently remain the same.
Paints and oils are unsettled, and keen competition is
going on between dealers. Business in glass shows some
disposition to improve, but notwithstanding this fact,
jobbers find it difficult to supply the demand, owing
to the depleted condition of stocks, and very few new
supplies being received.

LUMBER.
CAR OR CARGO LOTS.

Toronto.		Montreal.	
\$	\$	\$	\$
1 1/2 to 2 clear picks, Am ins...	33 00	36 00	40 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
1 x 10 and 12 dressing and 1 better...	20 00	22 00	28 00
1 x 10 and 12 mill run...	16 00	17 00	19 00
1 x 10 and 12 dressing...	20 00	22 00	28 00
1 x 10 and 12 common...	13 00	14 00	18 00
1 x 10 and 12 spruce culls...	10 00	11 00	12 00
1 x 10 and 12 culls...	9 00	10 00	11 00
1 inch clear and pickings...	28 00	32 00	35 00
1 inch dressing and better...	20 00	22 00	28 00
1 inch siding, mill run...	14 00	15 00	18 00
1 inch siding, common...	12 00	13 00	14 00
1 inch siding, ship culls...	11 00	12 00	12 00
1 inch siding, mill culls...	9 00	10 00	10 00
Cull scantling...	8 00	9 00	9 00
1 1/2 and thicker cutting up plank...	24 00	26 00	22 00
1 inch strips, 4 in to 6 in, mill run...	14 00	15 00	16 00
1 inch strips, common...	11 00	12 00	13 00
1 1/2 inch flooring...	16 00	17 00	18 00
1 1/2 inch flooring...	16 00	17 00	18 00
XXX shingles, sawn, per M	2 50	2 60	2 60
XX shingles, sawn...	1 50	1 60	1 70
Lath...	2 40		

VALE 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 6 ft...	11 00	12 00
Hemlock scantling and joist up to 8 ft...	12 00	13 00
Hemlock scantling and joist up to 10 ft...	13 00	14 00
Cedar for block paving, per cord...	5 00	5 00

	Toronto.	Montreal.
Cedar for Kerbing, 4 x 14, per M	14 00	14 00
Scantling and joist, up to 16 ft	14 00	14 00
" " " 8 ft	15 00	15 00
" " " 10 ft	16 00	16 00
" " " 12 ft	17 00	17 00
" " " 14 ft	18 00	18 00
" " " 16 ft	19 00	19 00
" " " 18 ft	20 00	21 00
" " " 20 ft	21 00	22 00
" " " 22 ft	22 00	23 00
" " " 24 ft	23 00	24 00
" " " 26 ft	24 00	25 00
" " " 28 ft	25 00	26 00
" " " 30 ft	26 00	27 00
" " " 32 ft	27 00	28 00
" " " 34 ft	28 00	29 00
" " " 36 ft	29 00	30 00
" " " 38 ft	30 00	31 00
" " " 40 ft	31 00	32 00
Cutting up planks, 1 1/2 and thicker, dry	25 00	28 00
Cutting up planks, 1 1/2 and thicker, board	18 00	24 00
B. M.		
1 1/2 in. flooring, dressed, F. M.	26 00	30 00
1 1/2 inch flooring, rough, B. M.	18 00	22 00
1 1/2 " " dressed, F. M.	25 00	27 00
1 1/2 " " undressed, B. M.	18 00	19 00
1 1/2 " " dressed, F. M.	20 00	22 00
1 1/2 " " undressed, B. M.	12 00	15 00
Beaded sheeting, dressed	20 00	25 00
Clapboarding, dressed	12 00	12 00
XXX sawn shingles, per M	2 60	2 70
18 in.	2 50	2 60
Sawn lath	2 50	2 50
Cedar	2 90	2 90
Red oak	30 00	40 00
White	37 00	45 00
Basswood, No. 1 and 2	38 00	30 00
Cherry, No. 1 and 2	70 00	70 00
White ash, No. 1 and 2	24 00	35 00
Black ash, No. 1 and 2	20 00	18 00
Dressing stocks	16 00	22 00
Picks, American inspection	30 00	40 00
Three uppers, Am. inspection	50 00	50 00
BRICK - 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. b. at Milton	16 00	14 00
" " 2d quality	14 00	12 00
" " 3rd	9 00	9 00
Hard Building	6 50	
Moulded and Ornamental, per 100	3 00	10 00
Roof Tiles	24 00	16 00
Diamond locking tile	16 00	
Red "A" f. o. b. Don Valley	18 00	25 00
Red "B" " " "	16 00	20 00
Red "C" " " "	15 00	17 00
Trojan and Corinthian	21 00	28 00
Pompeian	22 00	29 00
Athenian and Egyptian	25 00	31 00
Tyrian	35 00	41 00
Sicilian	40 00	45 00
Roman	35 00	40 00
Carthaginian	40 00	45 00
Ornamental	30 00	100 00
1st quality, f. o. b. at Port Credit	14 00	18 00
2nd " " "	12 00	15 00
3rd " " "	8 00	12 00
Hard building brick	6 50	
Ornamental, per 100	3 00	10 00

	Toronto.	Montreal.
1st quality, f. o. b. at Port Credit	14 00	18 00
2nd " " "	12 00	15 00
3rd " " "	8 00	12 00
Hard building brick	6 50	
Ornamental, per 100	3 00	10 00
SAND.		
Per Load or 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	50
Kent Freestone Quarries Moncton, N. B., per cu ft, f. o. b.	1 00	
River John, N. S., brown Freestone, per cu. ft., f. o. b.	80	95
Ballochmyle	80	95
New York Blue Stone		1 05
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft. Moat Freestone		25
Thomson's Gatelawbridge, cu. ft.	75	80
Credit Valley Rubble, per car of 15 tons, at quarry	8 00	
Credit Valley Brown Coursing, up to 10 inch, per sup. yard, at quarry	1 75	
Credit Valley Brown Dimension, per cu. ft. at quarry	60	
Credit Valley Grey Coursing, per superficial yard	1 50	2 00
Credit Valley Grey Dimension, per cubic foot	75	85
Madoc Rubble, delivered, per ton	14 00	14 50
Madoc dimension floating, f. o. b. Toronto, per cubic ft.	70	32
Ohio Freestone, No. 1 Blue Promiscuous, f. o. b.	60	
No. 1 Blue Dimension	65	
No. 1 Buff Promiscuous	80	
No. 1 Buff Dimension	85	
The above prices means freight and duty paid.		
2 in. sawed flagging per sq. ft.	11	13 1/2
3 in. " " "	13 1/2	16 1/2
4 in. " " "	16 1/2	22
5 in. " " "	22	27 1/2
6 in. " " "	33	
Duty to be added to these prices.		
Quebec and Vermont rough granite for building purposes, per c. ft. f. o. b. quarry	33	35
For ornamental work, cu. ft.	35	20
Granite paving blocks, 8 in. to 12 in. x 6 in. x 4 1/2 in., per M	50 00	
Granite curbing stone, 6 in. x 20 in., per lineal foot	70	
SLATE.		
Roofing (9 square)		
" red	16 00	20 00
" purple	9 00	10 00
" untinting green	8 50	6 00
" black	8 00	7 50

	Toronto.	Montreal.
Terra Cotta Tile, per sq...	22 00	
Ornamental Black Slate Roofing	8 00	
PAINTS. (In oil, 1/2 lb.)		
White lead, Can., per 100 lbs.	6 50	6 00
" zinc, Can., " "	6 50	7 50
Red lead, Eng., " "	3 1/2	6 1/2
" venetian, per 100 lbs.	1 60	1 75
" vermilion, " "	1 00	90
" Indian Eng., " "	10	12
Yellow ochre	5	10
Yellow chrome	15	20
Green, chrome	7	12
" Paris	2	40
Black lamp	15	25
Blue, ultramarine	15	20
Oil linseed, raw, & Imp. Gal.	65	68
" " boiled	68	71
" " refined	78	85
Putty	2 1/2	2 1/2
Whiting, dry, per 100 lbs.	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
CEMENT, LIME, etc.		
Cement, Portland, per bbl.	2 25	3 50
" English	2 75	2 05
" Belgium	3 25	1 90
" Thorold	1 50	
" Queenston	1 50	
" Napanee	1 50	
" Hull	1 50	
" German	3 25	2 65
" London	2 75	2 45
" Newcastle	2 50	2 35
" Belgian	2 30	2 30
" Canadian	2 30	2 25
" Roman	2 75	
" Parian	4 50	4 75
" Superfine	6 50	7 00
Keene's Coarse "Whites"	4 50	4 75
Calced plaster, per barrel	1 55	1 70
Fire Bricks, Newcastle, per M Scotch	17 50	22 00
Lime, Per Barrel, Grey	40	
" " White	55	
Plaster, Calcined, N. B.	3 00	
" " N. S.	2 00	
Hair, Plasterers', per bag	80	1 00
HARDWARE.		
Cut nails, 5 d & 6 d, per keg	2 40	2 25
Steel " "	2 50	2 35
CUT NAILS, FENCE AND CUT SPIKES.		
40d, hot cut, per 10 lbs	5	5
30d, " " "	5	10
20d, 16d and 12d, hot cut, per 100 lbs	15	15

	Toronto.	Montreal.
rod, hot cut, per 100 lbs	20	20
8d, 9d, " " "	25	25
6d, 7d, " " "	40	40
4d to 5d, " " "	60	60
3d, " " "	1 00	1 00
2d, " " "	1 50	1 50
4d to 5d cold cut, not polished or blued, per 100 lbs	50	50
3d to 5d cold cut, not polished or blued, per 100 lbs	90	90
FINE BLUED NAILS.		
3d, per 100 lbs	1 50	1 50
2d, " "	2 00	2 00
CASING AND BOX, FLOORING, SHOOK AND TOBACCO BOX NAILS.		
12d to 30d, per 100 lbs	50	50
10d, " "	60	60
8d and 9d, " "	75	75
6d and 7d, " "	90	90
4d to 5d, " "	1 10	1 10
3d, " "	1 50	1 50
FINISHING NAILS.		
3 1/2 to 3 3/4 inch, per 100 lbs	85	85
2 1/2 to 2 3/4 " " "	1 00	1 00
2 to 2 1/4 " " "	1 15	1 15
1 1/2 to 1 3/4 " " "	1 35	1 35
1 1/4 " " "	1 75	1 75
1 " " "	2 25	2 25
SLATING NAILS.		
5d, per 100 lbs	85	85
4d, " "	85	85
3d, " "	1 25	1 25
2d, " "	1 75	1 75
COMMON BARREL NAILS.		
1 inch, per 100 lbs	1 50	1 50
3/4 " " "	1 75	1 75
1/2 " " "	2 25	2 25
CLINCH NAILS.		
3/4 and 2 1/4 inch, per 100 lbs	85	85
2 and 2 1/4 " " "	1 15	1 15
1 1/2 and 1 3/4 " " "	1 35	1 35
1 1/4 " " "	2 00	2 00
1 " " "	2 50	2 50
SHARP AND FLAT PRESSED NAILS.		
3 1/2 and 2 1/4 inch, per 100 lbs	1 35	1 35
2 and 2 1/4 " " "	1 50	1 50
1 1/2 and 1 3/4 " " "	1 65	1 65
1 1/4 " " "	1 85	1 85
1 " " "	2 50	2 50
3/4 " " "	3 00	3 00
Structural Iron:		
Steel, eam, per 100 lbs	2 75	2 90
" channels, " "	2 85	2 60
" angles, " "	2 50	2 30
" tees, " "	2 80	2 05
" plates, " "	2 55	2 35
Sheared steel bridge plate	2 25	2 50

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