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# 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. 4. OCTOBER 26, 1893 No. 36

**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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CONFEDERATION LIFE BUILDING, TORONTO.  
Telephone 2362.  
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. 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. 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.

**TO CONTRACTORS.**

Tenders will be received by the undersigned until noon on SATURDAY, NOVEMBER 11TH, for the various trades required in the erection of a large addition to the Residence Trinity College, Toronto.  
The lowest or any tender not necessarily accepted.  
**DARLING, SPROATT & PEARSON,**  
"Mail" Building.  
October 25, 1893.

**TENDERS WANTED**

Whole or separate tenders will be received by the undersigned up till  
**SATURDAY, NOVEMBER 11th, 1893,**  
for the several works required in the erection of an  
**R. C. CHURCH IN TILBURY CENTRE.**  
The plans may be seen at my office up till Saturday, October, 28th, and at the office of Jos. M. Tierman, P. L. S., Tilbury Centre, until November 11th.  
Work to be commenced in the Spring of 1894.  
The lowest or any tender not necessarily accepted.  
**HARRY J. POWELL, Architect,**  
Stratford, Ont.

**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.  
Price, \$1.50; to subscribers of the CANADIAN ARCHITECT AND BUILDER, \$1.00. Address  
**C. H. MORTIMER, Publisher,**  
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Montreal Office:  
64 Temple Building.

**BUSINESS NOTES.**

The firm of Fowler & Bowe, architects, Montreal, has been dissolved.  
M. A. McVicar, brick manufacturer, Brandon, Man., has assigned.  
Reed Bros., plumbers, of Fredericton, N. B., have succeeded W. H. Reed.  
Mrs. P. Didier, Montreal, has registered as a contractor under the name of Didier, Coudreau & Co.  
John C. Goddard, contractors, 27 Sherbourne street, Toronto, has assigned. The liabilities are in the neighborhood of \$10,000.  
Mr. Geo. C. Meader has resigned his position as superintendent of the Ingersoll, Ont., Waterworks Company, and will return to Boston.

**CONTRACTS OPEN.**

**RICHMOND HILL, ONT.**—A new Roman Catholic Church will be erected here next summer.  
**GLENCOE, ONT.**—A scheme is on foot to secure the construction of a system of waterworks.  
**VICTORIA, B. C.**—The interior of the Bank of British Columbia in this city will shortly be remodelled.  
**PORT CREDIT, ONT.**—The Methodists have decided to erect a new church next year, at a cost of \$3,000.  
**MOUNT STEWART, P. E. I.**—A new steel-girder railway bridge is to be built across the Hillsborough River.  
**PHILIPSBURG, QUE.**—A by-law has been carried by the ratepayers granting aid towards building a breakwater.  
**BOBAYGEON, ONT.**—A pier 14 feet long and a glance boom 110 feet long are to be put in at the upper end of the canal.  
**SOREL, QUE.**—The Richelieu and Ontario Navigation Company has decided to rebuild its workshops here, and work will be commenced at once.  
**PRESCOTT, ONT.**—Mr. A. T. Murray, of New York, is at present in town in connection with the proposed scheme for the erection of an elevator at this point.

**WINDSOR, ONT.**—The Ontario Natural Gas Company has secured a loan of \$75,000, to be expended in piping the gas from the fields of South Essex to this town.  
**GALT, ONT.**—Mr. John Clark contemplates the erection of a large five story hotel.—The C. P. R. have decided to build a bridge over the Grand River next season.  
**LANDSDOWNE, ONT.**—J. D. W. Darling, Township Clerk, will receive tenders until the 8th of November for the delivery by the 1st of April, 1894, of a quantity of broken stone at various points.  
**CARLETON PLACE, ONT.**—The Town Council is in communication with Mr. Munro, of Pembroke, regarding the construction of a system of waterworks for the town. The improvement of the fire protection service is also contemplated.  
**LONDON, ONT.**—Mr. Fred. Henry, architect, has submitted plans to the hospital trust for a new wing to the City hospital, 36 x 48 feet, three stories high, to cost \$8,000 or \$9,000. The plans will be discussed at the next regular meeting of the trust.  
**KINGSTON, ONT.**—Mr. J. Jenkins has purchased the Benedict property, next to the Y. M. C. A., and will tear down the present house and erect on the site thereof a fine brick residence.—An addition will be erected to the Hotel Dieu hospital next year, at a cost of \$30,000.  
**RICHMOND, QUE.**—A gentleman named Bouthellier proposes to establish a window blind factory at this place, and is asking for a bonus of \$20,000.—Messrs. Cleveland & Munns, who have just completed a dam on the St. Francis river, are about

to commence the erection of a large building just below the dam.  
**MATAUE, QUE.**—A company is being formed for the purpose of constructing a line of railway to connect with the Intercolonial railway at or near St. Octave. The distance is about 30 miles, and the sum of \$106,000 has already been voted by the Dominion Government. Hon. George Irvine is likely to be president of the company.  
**STRATFORD, ONT.**—At the last meeting of the Town Council a committee was appointed for the purpose of securing all necessary information possible regarding the construction of a trunk sewer and the disposal of the sewerage, the committee to have power to request Dr. Bryce, of Toronto, to report on the sanitary condition of the town.  
**QUEBEC, QUE.**—The Richelieu Navigation Company's wharf is to be extended out to deep water.—Nearly \$14,000 has been subscribed towards the erection of a monument to Champlain in this city. The required amount is \$30,000. A two story wing eighty feet square is to be added to the Monimorency cotton factory. Some additional machinery will also be added.  
**BROCKVILLE, ONT.**—Mr. Fairbairn, C. E., of the Ontario Public Works Department, and Mr. Willis Chipman, C. E., of Toronto, are at present engaged in taking surroundings in the river opposite Picken's Point, with a view to arranging for a water works and sewerage system for the asylum. The water is over one hundred feet deep at the point, and the work of putting down an intake pipe will be expensive.  
**HUNTINGDON, QUE.**—Notice is given that the Hon. Louis Tourville, Messrs. Joel Leduc and Joseph Misael Fortier, of Montreal, and Hyacinthe Beauchemin, of Sorel, will apply to the Provincial Legislature next session for an act incorporating the South Shore Railway Company with power to build a railway from the town of Levis, through the counties of Levis, Lotbiniere, Nicolet, Yamaska, Richelieu, Vercheres, Chambly, Laprairie, Chateauguay and Beauharnois to Valleyfield.  
**OTTAWA, ONT.**—Contracts will shortly be awarded for the erection of the proposed Y. W. C. A. building, within about \$300 of the necessary funds having been secured.—The most important question before the City Council at present is the construction of the proposed general railway and traffic bridge over the Ottawa river at Nepean Point. The bridge will cost probably \$750,000, and the City of Ottawa is asked to grant the sum of \$150,000 towards its construction. Surveys are being made by the City Engineer for the proposed drainage scheme, which will probably cost about \$250,000.  
**HAMILTON, ONT.**—The Parks Committee is considering the advisability of building a draw bridge at Hamilton Beach.—It is said that another incline railway

**TO CONTRACTORS**

Scaled Tenders, endorsed "New Parliament Buildings, Victoria, Contract No. 2," will be received by the Honourable Chief Commissioner of Lands and Works up to one o'clock p.m. of Thursday, 30th November, 1893, for the several trades required in the erection of New Parliament Buildings at James Bay, Victoria, B.C., viz:—

1. The excavator, mason and bricklayer's work.
2. The carpenter and joiner's work.
3. The slater's and plasterer's work.
4. The coppersmith's work.
5. The smith and ironfounder's work.
6. The plumber's work.
7. The painter's work.

Tenders will be received for any one trade or for the whole work.  
The plans, details, &c., as prepared by F. M. Rattlabury, Architect, can be seen at the office of the undersigned on or after Monday, October 16th, 1893, and complete quantities clearly describing the whole of the work can be obtained on payment of 50c for each trade. This sum will be returned to the contractors on receipt of a bona fide tender.  
Each tender must be accompanied by an accepted bank cheque equal to two per cent on the amount of each trade tendered for, which will be retained as part security for the due performance of the work. The cheque will be returned to unsuccessful competitors, but will be forfeited by any bidder who may decline to execute a contract if called upon to do so.  
The lowest or any tender not necessarily accepted.  
**W. S. GORE,**  
Deputy Commissioner of Lands & Works,  
Lands and Works Department,  
Victoria, B. C., September 28th, 1893.

will be run up the mountain next spring. The promoter is Mr. John N. Lake, of New York.—The City Clerk will receive tenders until-noon to-day (Thursday) for the construction of pipe sewers on Brant and Milton avenues.—Building permits have been granted as follows: B. Witter, two-story brick dwelling on Bay street, between Cannon and Mulbury streets, cost \$1,200; Charles West, brick store and dwelling, northwest corner of Smith avenue and Cannon street, cost \$1,300; Moore & Davis, two-story brick dwelling on Main street, between Victoria and East avenue, cost \$2,800; Eagle Knitting Company, four story brick addition to factory, southeast corner of Main and Macnab streets, cost \$5,000.

MONTREAL, QUE.—Alexander Robertsen, Secretary, invites tenders on behalf of the Harbor Commissioners until the 21st of November for the supply of lumber and deals required during the season of 1894.—A body of Catholic young men of this city have affiliated with the Catholic Young Men's Institute, one of the objects of the joint bodies being to erect a new building, to cost from \$40,000 to \$80,000. A local committee is at present looking for a suitable site, which they hope to secure near Bleury street. Mr. G. M. Browne is Secretary of the new organization.—A number of representatives of the City Hospitals waited on the Health Committee of the City Council last week concerning the erection of a hospital for infectious diseases. The necessity of such a building was pointed out, and the Committee promised to hold a special meeting at an early date to consider the matter. The cost of erecting a suitable hospital would be about \$50,000.—A proposition has been made to widen Phillips Place by expropriating the Dow property. The cost is estimated at \$25,000.—A new grain elevator is to be built here next spring. The capital of the company will be \$100,000, and it will have the support of the C. P. R. and G. T. R.—The Young Women's Christian Association have had plans prepared for a new building to be erected on Drummond street, opposite the Victoria rink, to cost \$3,000. The work cannot be proceeded with, however, until the necessary funds are forthcoming.

TORONTO, ONT.—Mr. S. F. McKinnon has decided on the erection of a large building at the south west corner of Jordan and Melinda streets, having a frontage of over 100 feet on each street. We understand that Mr. E. B. Jarvis will be the architect.—At the recent annual meeting of the Consumers' Gas Company regarding the question of supplying gas to island residents, it was practically decided to proceed with the work. It is likely that a separate plant will be built on the island for the purpose.—The plans for the building of St. Michael's hospital on Bond street have been completed, and work will be commenced early next spring. To the south of the present building will be erected the main building which will be three stories high, the lower floor being set apart for offices. The new surgical wing will be immediately south of the main section, the operating room of which will have a glass roof.—Plans have been prepared for a new gymnasium in connection with Trinity College.—A friendly suit is now pending between the City and the G. T. R. regarding the liability of the latter to pay part of the cost of constructing the York street overhead bridge, to be erected in connection with the new Union Station. As soon as a basis of settlement is arrived at, the work will be proceeded with.—Building permits have been granted as follows:—E. Love, 6 Earl street, 2 story and attic bk. dwelling, No. 5 Huntley st., cost \$2,000; J. Fiske & Co., alterations to building, 64 Adelaide st. e. cost \$1,500; P. Fresying & Co., 3 story bk. add. to factory, Queen and Sumach st., cost \$5,500; J. A. Nicholls, shop front and alterations, 302 College st., cost \$1,000; Gurney Foundry Co., add. to moulding shop, King st. w., cost \$1,100; J. S. Lucas, addition to hotel, cor. Louisa and Terauley sts., cost \$7,000.

#### FIRES.

A large block at Yarmouth, N. S., owned by E. S. Williams was destroyed by fire on the 22nd inst. Loss on stock and building, \$30,000, partly covered by insurance.—The clothing store of Collingwood Pugsley at River Hebert, N. S., was burned on Monday last. Loss \$1,200.—The residences of Mr. McDonald and Mr. Secord, and the office of Dr. Cotton, at Regina, N. W. T., were burned on Saturday last. Loss \$4,000.—The Canada Bank Note Company's premises on Craig street Montreal, were almost completely destroyed by fire on the 16th inst. The building was owned by Mr. Jesse Joseph, and was valued at \$10,000.—J. L. Cook's dwelling at Newdale, Man. was burned last week.—Sickles & Co.'s machine shop at Strathroy, Ont., was destroyed by fire on the 18th inst. Loss \$1,500; insurance, \$1,000.—A saw mill at Novar, Ont., operated by the Dominion Bank, of Toronto, was destroyed by fire on Tuesday last. Loss, \$2,000.

#### CONTRACTS AWARDED.

MAGOG, QUE.—Mr. Dubuque has been given the contract for extensions to the Roman Catholic church.

SMITH'S FALLS, ONT.—Mr. Robert Cameron, of Almonte, is the successful contractor for the new public building to be erected here.

TORONTO, ONT.—The contract for brick and masonry work on the new Union Station was on Monday last awarded to Mr. Gibson.

ST. TITE, QUE.—The contract for a system of waterworks for this village has been awarded to Messrs E. L. de la Vallee & Co., of Montreal.

OWEN SOUND, ONT.—The Grand Trunk Railway Company has awarded a contract to Mr. McDermid, of Toronto, to construct a connecting line between this town and the village of Hepworth, a distance of 13 miles.

WINNIPEG, MAN.—The School Board has accepted the tender of Messrs. Lunsden & Keele for the completion of the Mulvey school, at the price of \$4,400. Mr. George Browne, architect, will have charge of the work.

TORONTO JUNCTION, ONT.—The High School Board on Monday last awarded the contract for carpenter and joiner work on the new building to Thos. Wright a local contractor, at \$3,390, and the painting and glazing to J. A. Bevidge, of Toronto, at \$645.

HALIFAX, N. S.—Messrs. Rhodes, Curry & Co., of Amherst, have been awarded the contract for the new St. Josephs glebe house on Russell street. The cost will be about \$7,000. This firm have also been given a contract for a boat house at Cape Tormentine, which will cost in the neighborhood of \$2,000.

MONTREAL, QUE.—The Road Committee of the City Council has awarded the contract to C. Belhumeur for the construction of sewers on Bourgeois, Charron and Montcalm streets, at the price of \$4.48 per lineal yard for the first two streets and \$6.88 per lineal yard for the latter.—Albert J. Kneeland, contractor, of Rushbrooke street, has been awarded the contract for the erection of a new branch chapel on Ryds street in connection with the Centenary Methodist church, Point St. Charles. It will be a brick veneer building, 40 x 65 feet, the foundation to be of stone, estimated cost \$3,000.—The Health Committee has accepted the model of Mr. Davis, Superintendent of Waterworks for the proposed incinerator.—The following tenders were received by the water Committee for three boilers for the new Worthington engine: Babcock and Wilcox Co., Deseronto, Set A, \$12,751.35, Set B, \$10,916.95; Machinery Supply Co., \$15,000; Eagle Foundry (Heine boilers), \$13,500; Canada Machinery Agency (Monarch boilers), \$8750. The latter tender was not in accordance with specifications and was not considered. The contract will in all probability be awarded to the Babcock and Wilcox Co.

#### PORTLAND CEMENT.

At the International Engineering Congress which has been held in Chicago there was a discussion on the manufacture and testing of Portland cement. Mr. Griffith said that of late years there has been a tendency to use a light burnt cement to facilitate grinding, but this is a very unsafe practice. Standard test should be as simple as possible, so that they may be carried out by engineers where laboratory appliances are not available. The sand test is not generally used in England, though used in Germany. Mr. Whittemore did not approve of the hot test, and thought the compression test of cement more important than the tensile test, as the material is rarely subjected in service to tension strains. Mr. Lesley stated that nobody can tell just the moment when the action of setting takes place, and that there is a period during setting when any strain upon the cement will retard or prevent setting. He considered it better to spread the mud on the floor and cut it by hand then to make it into bricks in a brick machine, as the latter makes it too dense for good burning. The sand test shows the quality of the sand used. Dr. Coleman Sellers said he used a sand-blast test for abrasion in connection with cement to be used for the Niagara water-power tunnel, where the water has a considerable fall. Captain Black said that at St. Augustine, Fla., he had used a concrete of 1 part good cement, 2 parts sand, almost in silica, and 4 parts coquina gravel (small shells) in place of stone. Concrete made thus and remaining in air was in perfect condition after two years. That laid in water was soft and worthless, and that made in air and then placed in the water was also soft. He thought this to be probably the case with many concrete foundations, but as the margin of safety is so large, it is improbable that this will ever be found out. On a concrete sea-wall of Rosendale cement in Florida, where puddles of sea-water on the top were exposed to a very hot sun, the concrete under the puddles was so soft that a knife could be pushed into it, but on the face of the wall, where the water had no lodgment, the skin of the cement remained quite hard. Where a concrete face was exposed to the action of the surf it was abraded by the action of the sand in the surf. The interior of a cement test-pat will harden later than the exterior. Sir Benjamin Baker said that in spite of the vast amount of literature on the subject there is still an entire lack of accord between engineers as to the use of cement. On the Manchester Ship Canal the tensile strength of cement for dock walls was specified at 300 lbs. per square inch, but on the works of the Liverpool waterworks it was specified to be 80 per cent higher. Yet the engineers of both works were entirely satisfied with the cements and the results in the work. The tensile strains in concrete masonry are very small, but there may be severe shearing strains.

#### LEGAL DECISIONS.

W. H. HALL VS. THE QUEEN.—The decision in this case is an important one in relation to Government contracts. The plaintiff claimed damages for breach of contract, arising out of a promise by officers of the Crown to indemnify plaintiff for shutting down his mill at Buckhorn, near Peterborough, Ont., to facilitate work on the Trent Valley canal. Plaintiff first brought his action in the Ontario courts against George Goodwin, contractor, and it was dismissed for want of liability. In the present case the crown relied on a defence under the 23rd section of C. 37, R. S. O., which requires a contract to be in writing and signed by the Minister to be binding on the Department, but Judge Burbridge decided that where the contract was executed, the law implied a promise to pay on the part of the Crown, and that the plaintiff was entitled to recover on such implied promise, notwithstanding the statute in question. He gave judgment for the plaintiff for \$975 and costs.

#### MUNICIPAL DEPARTMENT.

##### DRAIN VENTILATION AND INTERCEPTION.

By W. H. BESWICK, C. E.

It has been argued that it is not necessary to intercept or disconnect the drainage of houses from the main sewers, on the plea that as every house adds its quota to the general contamination of the sewers, then they should equally share in ventilating them or in carrying off the foul gases generated in the sewers; while some authorities contend that only those drains which run under the houses should be disconnected or intercepted.

The question of sewer ventilation is too large a one to be treated in a short paper like the present; but I am of opinion that the sewers should be ventilated thoroughly, both by shafts and surface openings, independent of the house drains.

By the Model By-laws for New Streets and Buildings it is made compulsory (where these by-laws have been adopted) to properly intercept the drains from the sewers, and By-law 63 reads as follows: "A person who shall erect a new building shall not construct the several drains for such building in such a manner as to form in such drains any right-angled junction, either vertical or horizontal. He shall cause every branch drain or tributary drain to join another drain obliquely in the direction of the flow of such drain."

The object of such by-law is to exclude from the house drains the foul gases which are generated in the sewers, and this by-law should be read in conjunction with By-law No. 65, which provides for the efficient ventilation of the drains.

No doubt much of the dislike to the intercepting trap has been brought about by the use of defective traps, or traps which become readily choked, and as these were not provided with any means of ready inspection, a considerable expense was required to get at them to clear them. Hence the objection to them.

The form of trap which I should call defective is the ordinary running syphon, and also the syphon manhole trap, and no doubt these traps have much to answer for, having been the cause of a great prejudice against intercepting traps for all descriptions. There are many other forms of intercepting traps. Some are self-cleansing, while others, like those just mentioned, are not so, and are certain to become a nuisance.

The self-cleansing trap, similar to the Bulham or Field's disconnecting traps, are usually made with a smaller area than the pipe discharging into them, and have a drop 2 in. to 4 in. at the inlet, thus causing a cascade action to be formed for the purpose of overcoming the resistance of the trap.

The by-laws do not make it compulsory to place a disconnecting chamber in connection with the intercepting trap, but, say, "a suitable pipe, shaft, or disconnecting chamber may be used."

For my own part, I consider that a disconnecting or inspection chamber should be placed where the drain is more than 2 ft. deep, and it would be better still if used in all cases, as by this means ready access is afforded to the drain as well as the trap, and if a trap with a cleansing eye is used then the portion of drain between the sewer and trap can be readily got at and cleansed if necessary.

It is most important to see that the drain is well laid and jointed, and to be self-cleansing it should not have a less fall than one in fifty. One in forty or thirty would be much better, and when a drain is properly constructed all sewage entering it is passed on rapidly through the trap and into the sewer, so that there is no time for decomposition in the drain, and if any matter should adhere to the interior of the drain then by the ventilation as previously described a current of air is passed through it and discharged into the atmosphere above the house, thus diluting the gases given off and discharging them in an inoffensive state.

\* Read at the Western District Sanitary Inspectors' Association meeting at Clevedon.

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I am, sir, your obedient servant,  
**THOMAS MONRO,**  
Engineer in charge of Welland Canal Enlargement.

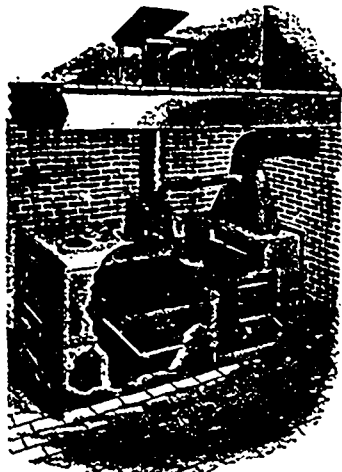
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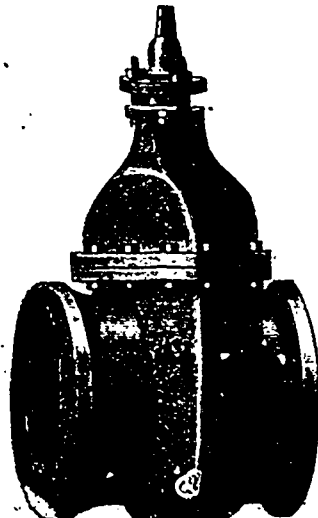
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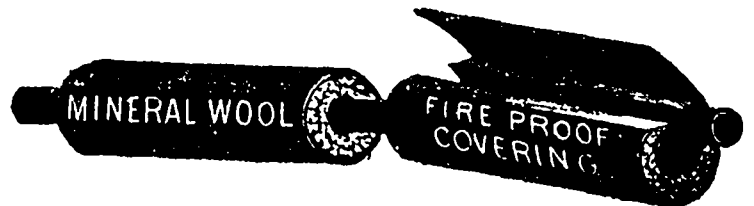
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**BEST AND CHEAPEST IN TORONTO.**  
JOSSON, PETERS and BURHAM Brands for highest class work.  
WHITE HORSE, R. W., IMPERIAL, &c., FROM \$2.00 PER BARREL.  
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Send for Price Lists and Testimonials. Our meters are adopted and in use in over 500 cities and towns in Canada and the United States. Highly endorsed by leading Engineers. A guarantee for five years given with all Meters. All information furnished on application to  
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Prices of Building Materials.

The demand for builders' supplies generally is steady, although no great amount of activity is shown. Glass is in good demand, as new buildings are closed in at the approach of cold weather. Paints and oils are also in fair demand at steady prices. Business in iron and hardware is quiet, especially galvanized iron and heavy metals. The cement trade is characterized by light stocks, a good demand and firm prices. Fire bricks are in fair demand at from \$16.50 to \$21 per thousand.

LUMBER.

CAN OR CARGO LOTS.

Toronto. Montreal.

Table listing lumber prices for various types of wood (e.g., 1 1/2 inch clear picks, 2 inch three uppers) and their prices in Toronto and Montreal.

Toronto. Montreal.

Table listing various building materials and their prices in Toronto and Montreal, including cutting up planks, cedar for block paving, flooring, and bricks.

STONE.

Table listing stone prices for common rubble, large flat rubble, foundation blocks, and granite.

SLATE.

Table listing slate prices for roofing and decorative glass.

PAINTS.

Table listing paint prices for white lead, red lead, and various colors in oil and water.

Toronto. Montreal.

Table listing various building materials and their prices in Toronto and Montreal, including black lamp, oil, putty, cement, and lime.

HARDWARE.

Table listing hardware prices for cut nails, steel, and various iron products.

IRON PIPE.

Table listing iron pipe prices for King & Son, Warden.

IRON PIPE.

Table listing iron pipe prices for various manufacturers and sizes.

Toronto. Montreal.

Table listing various building materials and their prices in Toronto and Montreal, including cold cut, fine blind nails, and finishing nails.

COMMON BARREL NAILS.

Table listing common barrel nail prices for various sizes and quantities.

CLINCH NAILS.

Table listing clinch nail prices for various sizes and quantities.

SHARP AND FLAT PRESSED NAILS.

Table listing sharp and flat pressed nail prices for various sizes and quantities.

INDEX TO ADVERTISEMENTS

In the "Canadian Architect and Builder."

Index listing various advertisements and their locations in the publication, including Architects, Church and School, Grates and Tiles, Plumbing Supplies, Roofing Materials, Roofers, Sanitary Appliances, Shingle Stains, Sliding Blinds, Stained and Decorative Glass, Terra Cotta, Terra Cotta Fireproofing, Wall Paper and Ceiling Decorations, Wire Manufacturers, and Wall Plaster.