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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, Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

VOL. 6.

NOVEMBER 28, 1895

No. 43.

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.

G. H. MORTIMER, Publisher,

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Sealed Tenders addressed to the undersigned, and endorsed "Tender for dredging, Collingwood Harbour," will be received at this office until Tuesday, the 7th day of January next, inclusively, for the deepening of the Harbour of Collingwood, to the depths mentioned in the combined specification and form of tender and within the area shown on the plan to be seen at the Harbour Master's Office, Collingwood, and at the Department of Public Works, Ottawa.

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

An accepted bank cheque, payable to the order of the Minister of Public Works, for the sum of five thousand dollars, (\$5,000), must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

By order,
E. F. E. ROY,
Secretary.

Department of Public Works,
Ottawa, 22th Nov., 1895.



NOTICE TO CONTRACTORS

Tenders will be received by registered post only, addressed to the City Engineer, Toronto, up to 11 o'clock a. m. on SATURDAY, DECEMBER 7th, 1895, for the supply of

100 TON FIELD STONE

to be delivered at the House of Industry, Elm street, in this city, in lots of ten tons and upwards.

Forms of tender may be obtained on and after Saturday, November 30th, 1895, 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 must accompany each and every tender, otherwise it will not be entertained.

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

DANIEL LAMB,

Chairman Committee on Works.

Committee Room, Toronto, Nov. 26th, 1895.

NEW COMPANIES.

ST. JOHN, N. B.—Maritime Nail Co. incorporated; capital, \$50,000; to manufacture nails.

HAMPION, N. B.—G. & G. Flewelling Mfg. Co., incorporated; capital stock, \$150,000; to manufacture lumber, etc.

OTTAWA, ONT.—Ottawa Novelty Co., capital \$10,000; to manufacture lamps, lamp brackets, electroliers, etc.; promoters L. K. McLaurin, A. E. Schyer and others.

BELLEVILLE, ONT.—Belleville Traction Co., incorporated; capital, \$100,000; to construct an electric street railway. Promoters S. A. Lazier, T. C. Lazier, R. C. Lazier and others.

MONTREAL, QUE.—Northern Lumber Co., incorporated; capital \$20,000. The promoters are A. & J. de Lorimier, of Caughnawaga; S. A. de Lorimier, Albert E. de Lorimier and Eugene H. Godin, of Montreal.

ROSSLAND, B. C.—Rossland Electric Light & Power Co., incorporated; capital \$20,000. T. W. Stack and Angus J. McDonald are among the promoters.—St. Mary Mining Co., incorporated; members, V. D. Williams, of Spokane, J. H. Burke, of Rossland, and others.

TORONTO, ONT.—The Patterson Dry Mineral Magnetic Separator and Gold Extraction Company of Ontario; incorporated; capital stock, \$125,000; to carry on the business of mining, etc.—Richmond Creamery Co., applying for incorporation; capital, \$50,000.—Wanderer Bicycle Co., seeking incorporation; capital stock, \$45,000.—Modern Office Systems Co., seeking incorporation; capital, \$10,000; to manufacture stationary, office supplies, etc.

CONTRACTS OPEN.

NEWDALE, ONT.—Wm. Irwin is about to build a residence.

CLAREMONT, ONT.—Another skating rink may be built here.

SARNIA, ONT.—The county has decided to erect a House of Refuge.

BETHANY, ONT.—The Methodists are talking of rebuilding their church.

GRAND FORKS, B. C.—Manley & Averill are about to erect a large hotel.

DANVILLE, QUE.—Plans are being prepared for the new Anglican church here.

PICTON, ONT.—It is said that upwards of fifty houses will be built here next season.

ST. LIN, QUE.—The School Commissioners are calling for tenders for a new school house.

STE. MARIE DE LA BEUCE, QUE.—The erection of a waterworks system is talked of here.

BEDFORD, QUE.—The new Edge Tool Co. will shortly commence work on their new buildings.

WELLINGTON, ONT.—Steps are being taken by the Episcopal congregation to build a rectory.

FREDERICTON, N. B.—It is understood that the University Senate will take steps to establish a college residence.

ST. JOHN, N. B.—The Board of Works is inviting tenders for the erection of a warehouse at Sand Point, 250 x 75 feet.

CORNWALL, ONT.—W. R. Hitchcock has completed arrangements with English capitalists to construct a street railway.

ARTHUR, ONT.—The Council are prepared to grant a franchise for lighting the streets by electricity. For particulars address J. M. Roach.

SIMCOE, ONT.—The Lake Erie and Detroit River Railway Company are applying for power to extend their line from this town to Fort Erie.

CAPPLETON, QUE.—Mr. John Blue, C. M. E., of the Eustice Mining Co., is making an examination of mining property in Pontiac county.

HALIFAX, N. S.—The Exhibition Association is advertising for a suitable site for exhibition purposes, on which new buildings may be erected.

REVELSTOKE, B. C.—It is again stated that the C. P. R. will erect a large hotel here, and that President Van Horne, when here, selected a site for the building.

HUNTSVILLE, ONT.—V. M. Roberts, C. E., of St. Catharines, has been instructed by the Council to prepare plans and estimates for a waterworks system for this town.

ST. THOMAS, ONT.—Levels have been taken by Owen McKay, C. E., to construct the railway across the ravine south of St. Thomas, and if carried out, a new bridge will be necessary.

KEMPTVILLE, ONT.—The bridge at Clothier's mill is to be replaced by an iron

swing bridge, and wharves will also be built. Engineers have taken levels and plans will be prepared at once.

WHITBY, ONT.—In response to a request by Mr. Justice Robertson, the Grand Jury, at the recent sittings of the High Court, presented a report in favor of establishing a House of Industry for the county.

KING, ONT.—A. Davis & Sons, tanners, next year contemplate installing an electric light plant for the tannery and the proprietor's residence.—A system of waterworks for fire protection is among the possibilities of the near future.

BROAD COVE, N. S.—Col. Hussey, president of the Broad Cove Mining Co., had an interview with the Dominion Government authorities last week in reference to necessary improvements to the harbour at this place.

NIAGARA FALLS, ONT.—The local electric light company have decided to put in an additional steam plant, to provide 550 horse-power more. A site has been secured, and tenders for building will shortly be invited.

SAULT STE. MARIE, ONT.—The Dominion Government has decided to construct a dam here, by means of which it will be possible to dry the basin above the lock and thus remove the guard and lock gates at any time necessary.

SANDWICH, ONT.—On the ground of the invalidity of the county by-law, the court has granted an injunction prohibiting the repairs to the court-house and jail from being proceeded with, and declaring the contract for the work invalid.

VERSCHOYLE, ONT.—Tenders are asked by Alex. Ball, Township Clerk, until Monday, the 2nd of December, for the construction of the central branch of the Spiller Creek drain and of the Spiller Creek extension drain, both in the township of Dereham.

BRANTFORD, ONT.—The farmers binder twine factory is to be materially enlarged, the additions to be fitted with modern machinery. A rope plant is also to be added.—The School Board is asking for \$25,000 with which to erect a new school in the north ward.

LONDON, ONT.—McBride & Farncombe, architects, have in hand an addition to the Duke of York hotel, East London.—John Weld wants tenders before the 30th inst. with sketch and specifications, for a foot suspension bridge 225 feet long, with four foot walk.

NEW WESTMINSTER, B. C.—A company of English capitalists propose erecting a large salmon cannery and freezer. Representatives recently inspected sites.—E. A. Jenns, representing a syndicate, is considering the establishment of a mill in this city for spinning twine and cord.

DARTMOUTH, N. S.—The plans of a new railway station here as prepared by superintendent Watt, have been approved of, and he has been instructed to prepare a plan for the conversion of the present office building into a modern ferry station house.

CHATHAM, ONT.—A deputation from this town has requested the Dominion Government to improve the navigation of the River Thames. Engineer Perley, late of the Department of Public Works, considers a new outlet for the river, by way of Stoney Point, the most desirable, and estimates the cost at \$40,000.

PETERBORO', ONT.—As already stated in the CONTRACT RECORD, the plans for the new Y.M.C.A. building will be prepared this winter, and operations commenced early in the spring. It is probable that about \$15,000 will be expended on site and building, which will contain gymnasium, baths, etc., and will be fitted up with the latest improvements.

LEVIS, QUE.—The Board of Trade

have under consideration the question of the proposed new system of waterworks, drainage and electric light. It is intended to pump the water supply for the town from the river into a reservoir on the Levis heights. The waterworks and drainage are estimated to cost \$180,000, and the electric light \$65 to \$70 per arc light.

VANCOUVER, B. C.—Messrs. Crean & Thomas propose to erect a large hotel. Wm. Blackmore is the architect.—An English syndicate has just purchased the interests of the Vancouver Electric Tram Co., the Vancouver Electric Light Co. and several other enterprises, and will expend upwards of half a million dollars in utilizing the power of the Seymour River to run the entire system.

WINDSOR, ONT.—J. G. McLean, architect, has prepared plans for remodelling the residence of H. W. F. Ellis. Cost, \$8,000. The mantels are to be of choice Canadian woods, the first floor finished in B. C. cedar and the ground floor in quartered oak.—The Sandwich, Windsor and Amherstburg Electric Railway Co. contemplate erecting next season an office building, to cost about \$20,000. The site has not yet been selected.

KINGSTON, ONT.—The Merchant's bank building, King street, recently purchased by Archbishop Cleary, will be converted into a classical college.—Mr. Jas. Adams, an architect connected with the penitentiary, is inspecting the penal institutions in the United States for the purpose of securing information to be used in connection with the erection of the new reformatory at Alexandria.—The City Council have decided to invite new tenders for a return tube boiler for the waterworks pumping engine.

MONTREAL, QUE.—A syndicate is said to have been formed for the purpose of obtaining a charter for constructing a highway bridge from this city to St. Lambert. It is intended to connect Montreal, via the proposed bridge, with Longueuil and Laprairie, by means of electric railways. The bridge, as designed, will have ample roadways for wheeled vehicles, double tracks for electric cars, footpaths, and special accommodation for bicyclists. The cost of the bridge will be over one million dollars.—It is reported that the C. P. R. propose making extensive improvements next year, including the replacing of all temporary structures with permanent ones, and the double tracking of their line from Winnipeg to Port Arthur and from Sudbury to Carleton Junction, a distance of 295 miles. The report, however, is not confirmed.

HAMILTON, ONT.—The final report of Mr. Kinchling, C. E., of Rochester, on the improvements necessary to the sewerage system of the city, will likely be presented to Council this week, and the work will probably be commenced at once, as the corporation have only one year in which to abate the nuisance in the east end.—The promoters of the Toronto, Hamilton and Buffalo railway are still endeavoring to secure a bonus from the city. They state that the Toronto branch will not be built unless financial aid is received from the municipalities and the government. The shops will be established in this city if the bonus is granted.—The recommendation of the Waterworks Committee to submit a by-law to the electors to raise \$175,000 to build a new main and increase the size of the laterals, will be fully discussed at the next meeting of the City Council. It is probable the vote will be taken at the January elections.

QUEBEC, QUE.—The city will ask for a bill to amend its charter and to authorize a loan of \$30,000 for various improvements.—Plans are now being prepared for the extensive car sheds which the Great Northern Railway Co. contemplate erecting for the purpose of building their rolling

stock in this city, in the event of its terms being accepted by the City Council.—The City Council has considered favorably a request that the city guarantee the payment of interest on a loan of \$260,000 to be made for the purpose of carrying on the construction of a railway from Calumet to the Ancient Capital. It is the intention of the promoters to tap the Parry Sound system by erecting a bridge across the river from Calumet to Hawkesbury, thence to connect with the Central Counties, Canada Atlantic and Parry Sound lines. It will be known as the Northern Railway and will touch Montreal. In connection therewith it is the purpose of J. J. Hill, the railway magnate of St. Paul, to establish a water system from Duluth or Saginaw city to Parry Sound.

OTTAWA, ONT.—Among the applications to Parliament is one to incorporate the Calgary and Lethbridge Railway and Irrigation Company, to build a railway from Calgary to Lethbridge.—Messrs. Belly & Turcotte, members for Chicoutimi, Saguenay, and Montmorency, have requested aid from the Dominion Government to open the mouth of the Saguenay river at Chicoutimi and repair the wharf.—It is understood that the Salvation Barracks here is to be sold, the building being too large, in which case it is probable that a smaller barracks will be built.—A deputation, headed by W. A. Geddes, president of the Canadian Marine Association, has memorialized the Dominion Government to carry out as early as possible certain canal improvements in the navigation of the St. Lawrence river.—The subsidy asked for by the promoters of the projected air line from Collingwood to Toronto will amount to about \$250,000.—The plans for the proposed additions to the Protestant general hospital, as prepared by Mr. Arnoldi, architect, provide for two new wings, an operating room and a pathological department. The cost would be about \$50,000, but it is probable some changes will be made which will reduce the cost.

WINNIPEG, MAN.—Mr. Howe, one of the inspectors of the Canadian Fire Underwriters' Association has reported on the city's system of fire protection. He recommends the increase of the main running along Mulligan and Main streets, which is of 12, 10 and 8 inches diameter at different points of its course, to 12 inches, with cross mains of proportionately increased capacity. The mains should be laid under the C. P. R. through the district north thereof, and provided with sufficient standard hydrants having two 2½ inch connections and large branch for steamer.—The Canadian Pacific Railway will make further extensions in the Kootenay district. The probabilities are that the extension from Lethbridge west, through the Crow's Nest pass, will be commenced next year, and the road from Robson to Rossland will also be constructed.—Capt. Robinson expresses the opinion that the St. Andrew's Rapids could be made navigable for light draught boats by the removal of boulders, at a cost of about \$12,000.—D. H. McDowall, M. P., for Saskatchewan, hopes next year to secure from the Dominion Government a grant towards the extension to that district of the Manitoba and North Western railway. Assistance to the amount of \$2,000,000 is desired.

TORONTO, ONT.—The City Engineer has recommended that the sum of \$1,500 be expended on improvements to the roadway on Dundas st.—The plant and appliances of the Dominion Cold Storage Co., which propose using the sugar refinery at the foot of Princess street, will cost about \$29,000.—J. D. Ronald, of Brussels, proposes moving his fire engine works to this city, and has requested the Council to grant a free site and exemption from taxation. He offers to spend \$6,000 in new buildings.—The Toronto Granite

Co., of which A. W. Anderson is president, also propose establishing works in this city and erecting a building on Yonge street, near Czar, to cost \$5,000.—A building permit has been granted to Alex. Orr, 123 Lippincott st., pr. s. d. bk. dwellings, w. side Shaw st., n. of Harrison st., cost \$2,500.

FIRES.

Sevigny's block at Barrie, Ont., was destroyed by fire on Thursday last. Loss, about \$8,000.—The public school recently erected at Birtle, Man., was destroyed by fire on the 21st inst. Loss \$3,000.—The Walpole Island club house at Chatham, Ont., was burned last week. It was a large frame structure, and was owned by a company of Toronto and Chatham sportsmen.—Hill & French's lumber mill at Ship Harbor, Halifax county, N. S., was consumed by fire on the 20th inst. Loss \$7,000; insurance \$7,000.—Byron Bennett's dwelling on Welland street, Thorold, Ont., was recently damaged by fire to the extent of \$2,500.—The cattle market at Toronto was damaged by fire on Tuesday last to the extent of \$12,000.—The residence of J. S. Telfer at Portage la Prairie, Man., was burned on the 26th inst.

CONTRACTS AWARDED.

RENFREW, ONT.—The new High School building will be heated with two Gurney furnaces, at a cost of \$4,441.

WINDSOR, ONT.—The Bennett & Wright Co., of Toronto, have secured the contract of the plumbing and heating of H. W. F. Ellis' residence.

HAMILTON, ONT.—Ald. Hancock has been awarded the contract for building the Toronto, Hamilton and Buffalo freight sheds. They will be of brick, 40x345 ft.

WOODSTOCK, ONT.—Clark & Donaldson have the contract of constructing the Reynold's ditch from Putnamville to the town line of Norwich, a distance of 18 miles. The price is about \$10,000.

AMHERST, N. S.—Rhodes, Curry & Co., of this place, have been awarded the contract to build a summer residence at Tracadie, P. E. I., for Alex. Macdonald, oil merchant. Contract price, about \$11,000.

CORNWALL, ONT.—The Mountain Township Council has let to Isaac Johnston, of Ogdensburg, N. Y., the contract for a new iron bridge to be built two miles east of South Mountain. Contract price, \$2,650.

VICTORIA, B. C.—Elford & Smith, contractors for the new post office and custom house here, have sub-let the contract for supplying stone for the super-structure to the Vancouver Quarry Co. The contractors had the privilege of using Saturna, Newcastle or Gabriola stone.

MONTREAL, QUE.—J. A. Chaussé, architect, has awarded contracts for alterations to premises 137 and 139 Cascades, St. Hyacinthe, as follows: masonry, brickwork and plastering, J. Arbour; carpenter and joiners' work, roofing, plumbing and painting, Paquet & Godbout; fire-proof vaults, T. S. Kimball.

WINNIPEG, MAN.—The Canadian Pacific Railway has let contracts for about 350,000 ties. Among the successful contractors are: J. W. Buchanan, A. C. Smith, Captain Robinson, West Selkirk; Ontario Western Lumber Co., Sinnott, Brokenhead; A. Stevenson, Carpenter & Co., and Thomas Traynor, Fort William.

KINGSTON, ONT.—The following tenders have been received by the Waterworks Committee for a new pumping engine for the waterworks: No. 1, Canadian Locomotive & Engine Co., Kingston, \$14,000; No. 2, Inglis & Son, Toronto, (no jackets), \$9,400; No. 3, Inglis & Son, Toronto, (with jackets), \$10,300; No. 4, Raney, Reid & Selby,

Kingston, \$12,800; No. 5, Worthington Engine Co., New York, \$12,000. The tender of the Kingston Locomotive & Engine Co. has been accepted.

TORONTO, ONT.—The following tenders for annual supplies have been accepted by the Board of Works: hardware, Aikenhead Hardware Company, \$1,111.98; other tenders were \$1,342 and \$1,711. Coarse sand, east of Yonge street, Edward Ashton & Son, Queen street and Lang street, 67 cents per cubic yard; west of Yonge street, Joseph Gaby, Yorkville avenue, 67½ cents per cubic yard. Cast-iron castings, Tomlinson & Son, \$1.35 per 100 pounds; wrought iron castings, Toronto Furnace and Crematory Co., \$1.90 per 100 pounds. Pit gravel, east of Yonge street, clean, J. Bownie, 64½ c. per cubic yard; screened, E. Ashton & Son, 90c.; west of Yonge street, clean, 70c.; screened 95c., Construction and Paving Company. Cedar paving posts—W. F. Grant & Co., good, \$4.95 per cord; culls, \$4.10 per cord. Lumber, G. W. T. Bryce, plank, \$12.29 per M; scantling, \$12.24 per M.; sewer pipe, Ontario Sewer Pipe Co., \$2.085.

BUSINESS NOTES.

The Sellers Furnace Company, Toronto, have assigned to G. F. Moore.

Cookson & Plows, plumbers, Victoria, have dissolved, Hunter Plows retiring.

Biggs & Edwards have registered partnership as contractors in Montreal.


N. Pagné & Son have registered partnership as contracting painters in Montreal.

Harlbut & Co., lumber, Seguin Falls, Ont., are announced to have assigned to S. Armstrong.

A demand of assignment has been made on Blouin, Girard & Collard, plumbers, St. Louis du Mile End, Que.

J. W. Baker, lumber merchant, of Lake Edward, Que., is reported to have assigned, with liabilities of \$40,000 and assets of \$20,000.

An order has been asked for to wind up the business of the Canada Pipe and Iron Foundry Co., of Montreal, and the assets will be offered for sale.



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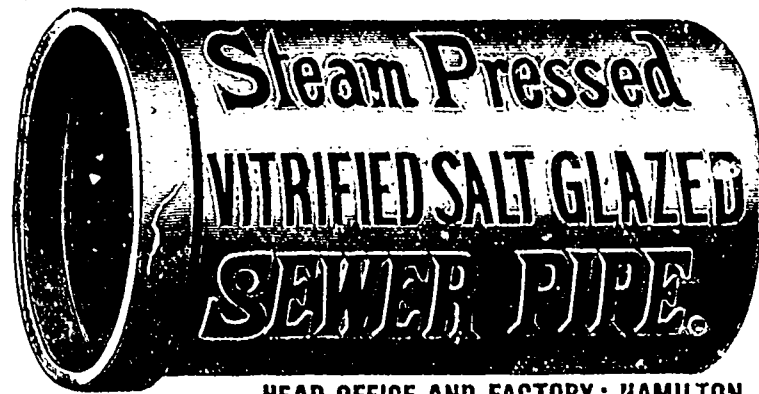
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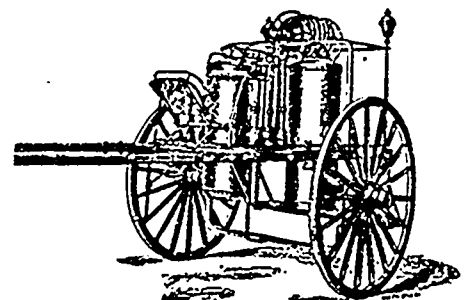
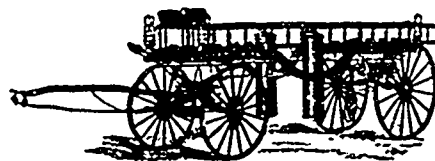
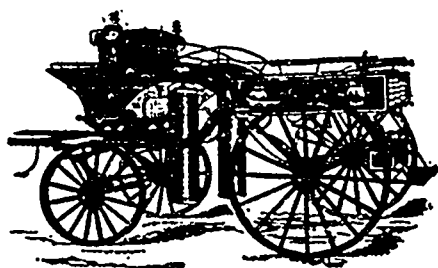
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MUNICIPAL DEPARTMENT

AMENDMENTS TO THE WASHINGTON, D. C., PLUMBING REGULATIONS.

The commissioners of the District have ordered the following amendments to the plumbing regulations.

SECTION 3. It shall be the duty of the inspector of plumbing under the direction of the commissioners, to inspect or cause to be inspected by his assistants all houses when in the course of erection in said district, to see that the plumbing, drainage and ventilation of sewers thereof conform to these regulations.

It shall be his duty at any time during reasonable hours, under like directions, on application of the owner or occupant, or the complaint under oath of any reputable citizen, to inspect or cause to be inspected any house in said district, and to examine the plumbing, drainage and ventilation of sewers thereof.

And he shall, after inspection and upon approval by his immediate superior, serve a notice on the owner, or agent, of the premises, directing such changes as are necessary to make the plumbing conform to the plumbing regulations, to be commenced within ten days from date of the service of notice, and completed within a reasonable time thereafter, provided, that if the owner, agent or tenant shall within five days from date of said notice protest in writing against any of the required changes, and shall deposit with the collector of taxes of the District of Columbia \$20 to cover the expense of re-examination, it shall be the duty of the engineer commissioner to designate three inspectors to make a re-examination, and if the engineer commissioner approve a decision against the exceptant the commissioner shall cause said exceptant to be notified of the decision, and the work ordered by the inspector to be begun within five days after service of notice, and be completed within a reasonable time.

Should the owner or agent of the premises ordered to be repaired neglect or refuse to comply with the order within a reasonable time after ten days' notice, it shall be the duty of the inspector of plumbing to report the same to his superior, who shall, if in his judgment the circumstances so require, consult with the attorney for the District, who shall draw up an information and prosecute the offending party.

SEC. 56. When an old service pipe is repaired the stopcock and box, if located in the traveled portion of the footway, shall be moved so as to conform to those regulations.

Whenever and wherever a public footway is paved or repaired, stopcocks and boxes, fresh-air inlets and pavement washers shall, if located otherwise than in conformity with these regulations, be

moved to the respective positions herein prescribed.

The removal of a running trap and the clean-out thereon to a new position shall be required only in cases where, in the opinion of the assistant in charge of the division of sewers and plumbing, the expense of such removal would be justified.

SEC. 59. No person shall place, or cause to be placed, any pavement washer or hose attachment for the service of a new building in any footway or portion thereof. All such fixtures for new buildings must be connected to the service pipe inside of the front wall of the building, and may project therefrom above the surface of the ground, suitable precautions being taken against freezing. In repairing or replacing that portion of a service pipe to which the pavement washer or hose attachment is connected, or such fixture itself, if the building served is provided with a cellar or unfurnished basement, the fixture may be placed in the front wall. In case the basement is occupied for living purposes, or the building has no cellar, the fixture may be placed in the area wall or in the parking, at least two feet from the sidewalk; if no parking or suitable area exists, the fixture may be placed in the sidewalk inside the line of projections and as close to the building line as practicable.

SEC. 75. If the public sewer be a pipe sewer, having a diameter of twelve inches or more, and the house sewer to be connected be of iron, the connection may be made by the plumber, who shall carefully cut a hole of the least practicable size in the public sewer and insert a connecting thimble of cast iron of the same size as the house sewer and of such length that the hub shoulder thereof shall rest against the outer surface of the sewer and no portion extend within it.

Any connection thus made, and the house sewer to the building line shall, before being covered, be inspected by the inspector of plumbing or his assistant, who shall inspect and make a record of the condition of the public sewer, and shall make a prompt return of such inspection to the permit clerk, as in case of inspection by the sewer tapper.

No house sewer, either of iron or vitrified pipe, greater than six inches in diameter, shall be connected to a twelve-inch public sewer, except at a manhole.

SEC. 87. All soil, drain, waste and vent pipes shall be located inside of the building. Every soil and vent pipe shall be of iron or lead, with screwed, leaded or wiped joints, and shall be located so as to be accessible for inspection. Pipes of this kind shall be kept above the ground, if practicable. When wrought iron pipes are used they shall be of galvanized iron provided with galvanized fittings.

The inspector of plumbing may, with the approval of the assistant in charge of the division of sewers and plumbing, authorize the placing of small vent pipes outside of old buildings in cases where it is considered inadvisable to locate the same within the building.

SEC. 98. Every water closet, urinal, sink, basin, wash tray, bath tub, set of

tubs, or fixtures of any kind connected with the drainage system of a building, shall be separately and effectually trapped, if located within the building, and vented, excepting that in the case of the upper or only water closet on a soil pipe and having its center within two feet of the center of the stack, a vent will not be required.

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

PAYNE V. COUGHELL.—Judgment on appeal before Meredith, C. J., at Toronto, by the Corporation of the County of Elgin, from an order of Master in Chambers dismissing application by appellants to set aside third party notice and order authorizing it, served upon appellants. Action by plaintiff, on behalf of himself and all other subjects of the Queen who use or are entitled to use a road called the London and Port Stanley road, to have it declared that the defendants have no right to exact tolls on the road or to obstruct it by placing toll bars on it, for an order directing defendants to remove these obstructions, for an injunction to restrain defendants from hereafter demanding or exacting tolls for the use of the road, for damages, and for a return of tolls paid by plaintiff on October 12th, 1895. The defendants are the assignees of a lease of the road and tolls from the county corporation to one Hepburn, and the defendants claim to be indemnified upon the ground that the corporation warranted their title to the road by that lease. Held, that this was not a claim to indemnity within the meaning of rule 1,313, which applies only to claims to indemnity as such, either at law or in equity, and does not apply to a right to damages arising from breach of contract, the latter being a right given by law in consequence of the breach of the contract between the parties, while the former is given by the contract itself. Birmingham District Land Co. v. London & Northwestern R.R. Co., 34 Chy. D. 261; the Jacob Christensen (1895), p. 281, Baxter v. France (1895), 1 Q.B. 591, followed. Page v. Midland R.W. Co. (1894), 1 Chy. 11, distinguished. Appeal followed with costs and orders below and notice set aside with costs.

SUGGESTIONS ON JAIL CONSTRUCTION.

In a recent circular issued by the Board of Charities of Minnesota the following suggestions are made:

The board objects to the use of flat bars in the cells unless the edges are turned to the light. The end of the front should be an open lattice work, and as a bed the board advocates a board 2½ feet wide, which can also be used as a seat. Iron or solid cement floors are objected to, but stone flagging, Portland cement, blocked or tile, are advocated. There should be a ventilating pipe from each cell, though from four to eight cells may be ventilated through one pipe in the roof connected with the individual pipes.

The cells are not to be less than 6½ x 6½, and the front cell wall be not less than four feet from the window. Separate locks should be provided for each cell, and the windows should be so situated that the sun may shine into the cells, at least part of the day. Bath tubs are objected to and shower baths are advocated instead.

An open iron fence is also advocated in place of present close high fences,

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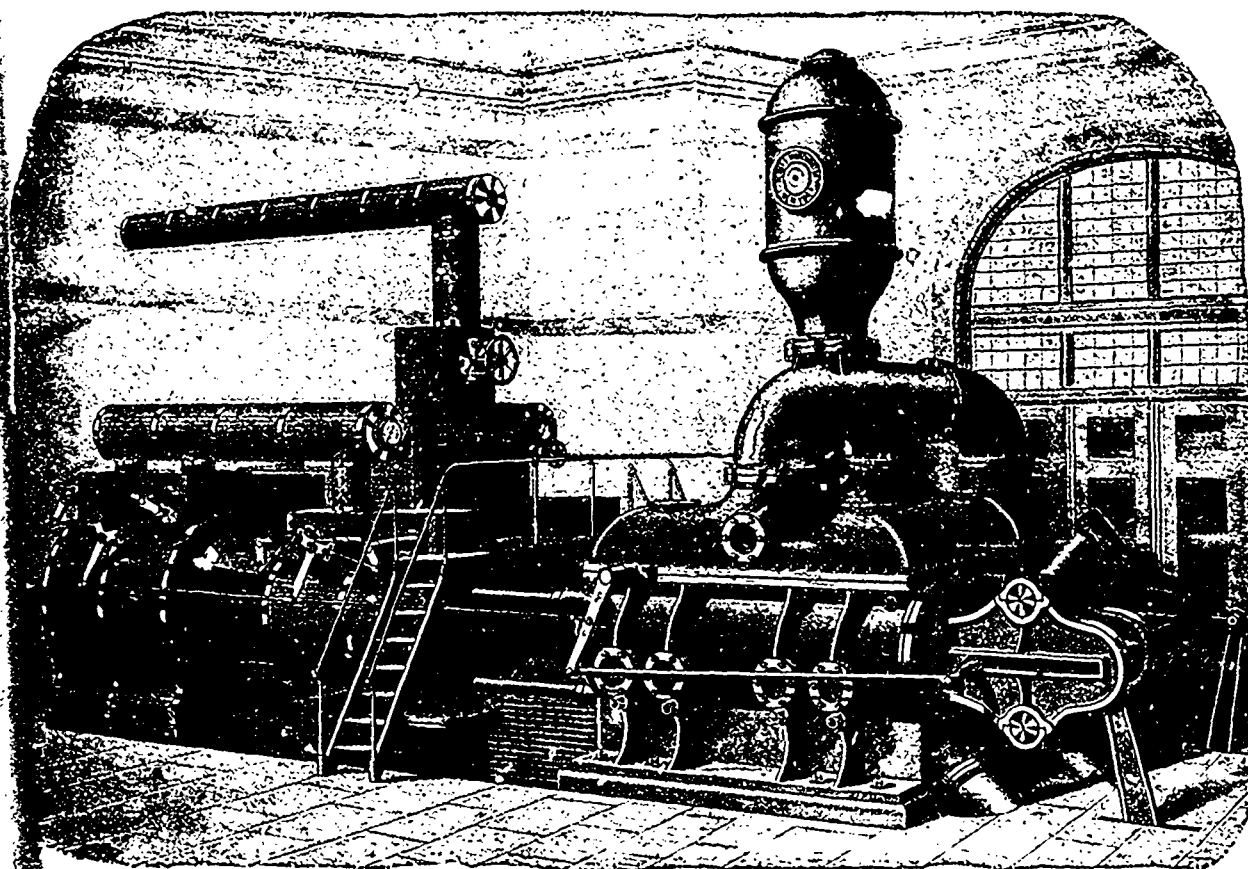
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Prices of Building Materials.

CONDITION OF THE MARKET.

TORONTO: The plumbing trade is brisk, and supplies are consequently moving freely. The demand for heating apparatus is also good. The metal trade is fair, with unchanged quotations. Plate glass is scarce, European manufacturers having withdrawn quotations, and an advance in price is among the probabilities.

MONTREAL: A fair volume of trade is reported in general hardware and plumbers' supplies, but the heavy iron and metal market has ruled very quiet for the past week. Some lots of iron pipe are moving on the basis of 67 1/2%. The arrivals of cement last week were 3,100 barrels English and 1,800 Belgian, and the demand is limited. Firebricks are selling freely at \$15 to \$21 per thousand.

LUMBER.

CAR OR CARGO LOTS.

Toronto. Montreal.

Table listing lumber prices for various types of wood, including clear picks, mill run, and shingles, with prices in dollars and cents for both Toronto and Montreal.

YARD QUOTATIONS.

Table listing yard quotations for mill cull boards, shipping cull boards, hemlock scantling, and cutting up planks, with prices in dollars and cents for both Toronto and Montreal.

Table listing prices for various types of flooring, including dressed, rough, and undressed, with prices in dollars and cents for both Toronto and Montreal.

BRICK—B M

Table listing prices for various types of bricks, including common walling, good facing, sewer, and pressed brick, with prices in dollars and cents for both Toronto and Montreal.

Toronto. Montreal.

Table listing prices for roof tiles, hip tiles, ridge tiles, and various types of building bricks, with prices in dollars and cents for both Toronto and Montreal.

SAND.

Table listing prices for sand, per load of 1 1/2 cubic yards, with prices in dollars and cents for both Toronto and Montreal.

STONE.

Table listing prices for various types of stone, including common rubble, large flat rubble, and granite, with prices in dollars and cents for both Toronto and Montreal.

OHIO FREESTONE, FROM THE GRAPTON STONE CO.'S QUARRIES.

Table listing prices for Ohio freestone from the Grapton Stone Co.'s quarries, including various types of buff, blue, and sawed ashlar, with prices in dollars and cents for both Toronto and Montreal.

SLATE.

Table listing prices for roofing slate, including red, purple, and black, with prices in dollars and cents for both Toronto and Montreal.

PAINTS. (In oil, @ lb.

Table listing prices for various types of paint, including white lead, red lead, and yellow ochre, with prices in dollars and cents for both Toronto and Montreal.

CEMENT, LIME, etc.

Table listing prices for various types of cement and lime, including Portland cements and German cements, with prices in dollars and cents for both Toronto and Montreal.

Toronto. Montreal.

Table listing prices for various types of cement, including Portland cements and hydraulic cements, with prices in dollars and cents for both Toronto and Montreal.

HAIRWARE.

Table listing prices for hairware, including cut nails and steel nails, with prices in dollars and cents for both Toronto and Montreal.

CUT NAILS, FENCE AND CUT SPIKES.

Table listing prices for cut nails, fence, and cut spikes, with prices in dollars and cents for both Toronto and Montreal.

FINE BLUED NAILS.

Table listing prices for fine blued nails, with prices in dollars and cents for both Toronto and Montreal.

CASING AND BOX, FLOORING, SHOOK AND TOBACCO BOX NAILS.

Table listing prices for casing and box, flooring, shook, and tobacco box nails, with prices in dollars and cents for both Toronto and Montreal.

FINISHING NAILS.

Table listing prices for finishing nails, with prices in dollars and cents for both Toronto and Montreal.

SLATING NAILS.

Table listing prices for slating nails, with prices in dollars and cents for both Toronto and Montreal.

COMMON BARREL NAILS.

Table listing prices for common barrel nails, with prices in dollars and cents for both Toronto and Montreal.

CLINCH NAILS.

Table listing prices for clinch nails, with prices in dollars and cents for both Toronto and Montreal.

SHARP AND FLAT PRESSED NAILS.

Table listing prices for sharp and flat pressed nails, with prices in dollars and cents for both Toronto and Montreal.

STEEL WIRE NAILS.

Table listing prices for steel wire nails, with prices in dollars and cents for both Toronto and Montreal.

Iron Pipe:

Table listing prices for iron pipe, with prices in dollars and cents for both Toronto and Montreal.

Lead Pipe:

Table listing prices for lead pipe, with prices in dollars and cents for both Toronto and Montreal.

Galvanized Iron:

Table listing prices for galvanized iron, including Adam's-Mar's Best and Queen's Head, with prices in dollars and cents for both Toronto and Montreal.

Structural Iron:

Table listing prices for structural iron, including steel beams, channels, angles, tees, plates, and sheared steel bridge plate, with prices in dollars and cents for both Toronto and Montreal.