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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. 8.

DEGEMBER 30, 1897

No. 48.

THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY THURSDAY

As an Intermediate Edition of the "Canadian Archite-t

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BUSINESS NOTES.

Martin & Vezina, plumbers, Montreal, have dissolved partnership.

Charles A. Prevost and Joseph Trudel, contractors, Montreal, have formed a partnership.

Stamp & Laidlaw, painters, Hamilton, are announced to have assigned to W. F. McGiverin.

CONTRACTS OPEN.

THAMESFORD, ONT.—Electric light is being agreated.

NORWICH, ONT.—The broom factory is about to be enlarged.

TURNERVILLE, ONT —Wm. Turner is building a new residence.

FULLARTON, ONT.—C. K. Thiel intends building a two-story cottage.

PETERBORO', ONT.—The town will probably build a House of Refuge.

ST. JOHNS, QUE.—The city contemplates issuing bonds at an early date.

WALLACEBURG, ONT.—There is talk of a new hotel being erected near the glass works.

GEORGETOWN, ONT.— J. B. Inglehart, jr., has made a proposition to establish a creamery here.

HUNTSVILLE, ONT.—A by-law has been passed to borrow \$6,000 to complete the waterworks system.

CLINTON, ONT.—Mr. Shunk, of the Commercial Hotel, will erect a wing, 35 x 140 feet, covered with sheet iron.

MALDEN, ONT.—On January 17th the Township Council of Malden will consider a by-law to raise \$2,000 for drainage purposes.

ST. ANDREWS, N.B.—E. T. P. Shewen, public works engineer of St. John, was in town recently examining the harbor with a view to dredging.

ESSEX, ONT.—The Anderdon stone quarry has been purchased by an American syndicate. It is intended to commence the manufacture of soda ash.

HALIFAX, N.S.—D. B. Carrittee, of St. John, and J. C. Patterson, of Montreal, will erect a factory here for the manufacture of tarred roofing and building paper.

DUNDAS. ONT.—The Property Committee of the Board of Education has been requested to report on the advisability of furnishing the public school with single desks.

BURFORD, ONT.—Plans have been prepared and tenders are now being taken by the Dominion government for a new armory here, to accommodate about 100 militiamen.

BRIDGETOWN, N. S.—A company is being formed to supply electric light, generated by water power. It is proposed to lay an iron pipe five-eighths of a mile in length. Curry, Bent & Co. are interested.

BRANDON, MAN.—Plans for a tworoomed frame school building, with stone basement, to be built the coming summer at Pipestone, Man., are now being piepared by Mr. W. H. Shillinglaw, architect, of this place.

PORTAGE LA PRAIRIE, MAN.—James Cowan wants tenders before 5 p.m., January 6th, for building a three-storey brick block. Plans at offices of G. C. Silver-

thorne, architect, or H. S. Griffith, architect, Winnipeg.

ST. THOMAS, ONT.—The city is endeavoring to obtain the consent of the Ontario government to guaranteeing \$50,000 of bonds for the construction of the proposed electric railway, of which Mr. J. H. Still is the chief promoter.

LUNENBURG, N. S.—S. W. Oxner, C. E. Kaulbach, A. H. Zwicker, Alex. Knickle, W. F. Acker and J. Jos. Rudolf intend applying for a charter of incorporation as The Lunenburg Marine Railway Co., Limited. The capital is \$25,000.

SHERBROOKE, QUE.—The town will receive tenders until January 6th, addressed to Mr. F. J. Griffith, assistant secretary-treasurer, for the erection of the superstructure of a rivetted steel truss or lattice highway bridge in two spans of 150 feet each.

BOBCAYGEON, ONT.—A meeting was held here last week to discuss the electric railway project. A committee was appointed to take steps to form a company to build a road connecting Fenelen Falls, Bobcaygeon and Peterboro'. W. J. Read is acting secretary.

KINGSTON, ONT.—The governors of the General hospital have decided to ask for plans for the rebuilding of the destroyed Watkins wing.—E. D. Smith, the Winona fruit grower, intends to build an addition to his storehouse for cold storage purposes, to cost \$5,000.

QUEBEC, QUE.—A deputation, consisting of Hon. R. R. Dobell, J. G. Scott and others, waited on the local government last week asking a charter to build a railway from Roberval to St. James' Bay, a distance of 300 miles.—David Ouellet, architect, is preparing plans for two residences to be built on Couillard street for E. Dionne, M.D.

ST. JOHN, N.B.—The Common Council are considering a water supply for the western side of the harbor, to supply the proposed pulp mill of A. Cushing & Co., and also to be used for other purposes. Mr. Murdoch has estimated that a 24-inch main would cost \$135,000 and an 18-inch main \$92,000. Steps are likely to be taken at once to construct the necessary mains.

MAISONNEUVE, QUE.—The Catholic School Commissioners of this city, presided over by Rev. J. A. Belager, P.P., have decided to build a new school building, 204 feet long by 70 feet wide, four storeys high, pressed brick front, with all modern improvements, to cost between \$40,000 and \$50,000. Architect J. Alcide Chausse, of Montreal, has been instructed to prepare plans and to call for tenders.

SARNIA, ONT.—A by-law to raise \$5,000 by debentures has been passed by the Council.—On Monday next the rate-payers will vote on a by law to raise \$30,000 for the purpose of increasing the pumping power of the waterworks, by pro-

widing a set of pumping engines of three million imperial gallons capacity, with condensers, air and feed pumps, two steel boilers, etc., and to extend the water main to supply the Grand Trunk Railway (Company with water.

GUELPH, ONT.—Mr. A. B. Petrie recently purchased a tract of land near the Dundas bridge, on which he intends to build a gymnasium, with club room, swimning bath, etc., a first-class bicycle track, a grand stand to seat about 2,000, and a regulation sized hockey and skating rink. Mr. Hutchson, city engineer, is surveying the property at present. The work will be commenced in the spring and pushed forward as rapidly as possible.

OTTAWA, ONT.—Mr. H. J. Beemer promises to commence work at an early date on the proposed inter-provincial bridge, which is estimated to cost \$750,000.—E. F. E. Roy, secretary of the Department of Public Works, will receive tenders until Thursday, January 20th, 1898, for the construction of a training pier of pile-work at Matane and a breakwater at Ause aux Gascons, Que. Plans at the office of the Clerk of Public Works, Quebec, and at above department.

HAMILTON, ONT.—The Cataract Power Company have been granted an extension of three months in which to complete their works. — Building permits have been granted as follows: W. P. Witton, alterations to Royal Hotel, cost \$35,000; E. B. Patterson, addition to factory of the Ontario Lantern Company, cost \$750.—The Sewers Committee has recommended the installing of an incinerator at the Ferguson ave. interception works, at a cost of \$4,000. The Council decided to allow the matter to stand until next year.

MONTREAL, QUE. — J. A. Chausse, architect, is preparing plans for a church to be built at Bonfield, Ont. Same architect is preparing plans for six tenements on Nonancourt street for F. X. Lalonde. — Mr. Laforest, superintendent of waterworks, has again drawn the attention of the Council to the necessity of duplicating the pumping machinery at the high level pumping station. He estimates the cost of the proposed improvements as follows: Cost and ejection of steam engine, \$40,000; cost of an additional boiler, remodelling building to receive engine and boiler, \$19,650; connecting the two sections of the reservoirs to the suction pipe, \$2,500; continuing the 20-inch main to the high level reservoir, \$7,650.

VICTORIA, B.C.—The Mountain Tramway and Electric Company will seek incorporation by private bill at the approaching session of the legislature.—John Cobeldic asks incorporation of a company to develop mines, construct blast furnaces, electric light plants, railroads, wharves, etc.—R. T. Elliott is solicitor for a company having for its object the construction of a railway from Pyramid harbor to the boundary line between British Columbia and the Northwest Territories.—Messrs. Weiler Bros., furniture and house supplies, write that they expect to commence building about next March. The proposed building will be 66 x 132 feet, five stories, of brick, heated by steam and lighted by electricity in the most modern style. Plans have not yet been prepared, but they will probably turn their attention to this early in January.

WINNIPEG, MAN.—The citizens have subscribed \$13,000 for the establishment of a coffee house in this city.—The by-law to raise \$30,000 to build a fire hall was carried by the ratepayers last week.—It is reported that the Sisters of Jesus and Mary contemplate the erection of a new convent building next year.—The Macpherson Fruit Co. are inviting tenders for the erection of a three-story warehouse. The building is to be located on Main street, opposite the city hall, and will be erected next spring.—It is understood that

a petition has been received by the local government from settlers in the Boyne district, asking for the drainage of the large marsh south-east of Carman, situated in the municipality of Dufferin. J. A. Macdonald, chief engineer, will report thereon. It is learned that Macdonald marsh, south-west of the city, is also to be drained.

LONDON, ONT .- The accepted plans for the proposed Jubilee hospital building, prepared by Mr. H. C. McBride, architect, provide for a foundation of stone, walls of white brick, with stone trimmings and slate roof, the building affording accommodation for 130 patients. The decommodation for 130 patients. sign consists of six semi-detached build ings, four pavilions, with administration building in the building in the centre, the main facade facing the south, with wing containing dining rooms, etc., in rear of the main building. The floors of the operating building. The floors of the operating room will be constructed with steel beams and terra cotta arches between same; on this tile or cement floor will be laid. The buildings will be heated and ventilated by the indirect steam hot blast system.— On Monday, January 3rd, the ratepayers will vote on a by-law to raise \$70,000 for increasing the accommodation at the General Hospital. The plans therefor have been prepared by Messrs. Moore & Henry, architects, and show the administration building in the centre of the group. The actual cost of the buildings and alterations for accommodating 110 patients will be \$45,000, but the design includes a special pavilion for private patients, some of the wards of which may be utilized for the special accommodation of children. The cost of a private patient's pavilion will be \$25,000, making a total of \$70,000.

TORONTO, ONT.— Mr. C. A. Burns, proprietor of the O'Connor house, corner Simcoe and Adelaide streets, has purchased the Strathy block on the opposite corner, and intends remodelling it for a first-class hotel.—The sum of \$1,729 has already been obtained towards providing a site for a residence for women students at Victoria University. A bequest of the late Hart A. Massey will provide for the erection of the building.—City Engineer Keating proposes to construct a new iron bridge over the Humber river, on the Lake Shore road, using the material taken from the Queen street subway. stringers would permit a three-span bridge to be built at very little cost. Mr. Keating also states that the bridge over the Don at Eastern ave. may have to be rebuilt at an early date, and he proposes to replace it with the bridge now across Queen street and build a new bridge at that point.—A special meeting of the sub-committee of the Works Committee, appointed to ascertain the cost of extending Queen street into High Park, north of the railway tracks, was held last week. City Engineer reported that, exclusive of the cost of grading, which is estimated at \$4,000, it would cost \$17,000 to fix up the roadway. This would include a brick roadway. pavement upon concrete between the car tracks, and two cinder paths. Mr. Hugh Ryan, representing the Sunnyside Or-phanage, asked that the city should also phanage, asked that the city should also erect a retaining wall along the street front, which would entail a further expenditure of about \$3,000.—A deputation from Schomberg, King Township, last week asked the Ontario government for a bonus for a line of railway fifteen miles long, from Aurora to Schomberg. A chatter for this line was granted about two charter for this line was granted about two years ago, and the Dominion government voted a bonus of \$3,200 a mile.—A meeting was held in this city last week at which the construction of a railway to James Bay was discussed and advocated. -The Attorney General has announced that something must be done to improve the accommodation for the reporters at the Parliament Buildings. The architect will be instructed to report upon some plan of

meeting the existing difficulty, either by lowering the present gallery or suspending another and smaller gallery in front of the present one.— Wm. Harris and John Sheridan, representing the Toronto Stock Yards Company, have made a proposition to the city in regard to retaining the cattle market on its present site, offering to erect the necessary stables, sheds, weigh scales, etc.—A deputation of the City Council will probably visit American cities with a view to examining the most improved market buildings.

FIRES.

The residence of R. L. Bloom, Port Stanley, Ont., was destroyed by fire on the 25th inst. No insurance. — The house belonging to Joseph Pinch, 5th concession, Township of Romney, a few miles from Whitney, Ont., was burned on the 27th inst.

CONTRACTS AWARDED.

KASLO, B.C.—Debentures amounting to \$12,000 have been sold to the Trust & Guarantee Co., of Toronto.

COWANSVILLE, QUE.—The Confederation Life Association has purchased \$20,000 of debentures, at 108.

CHATHAM, ONT.--The Chatham Dredging Company has been a warded a contract for dredging Trembly Creek, at a cost of \$4,000.

HALIFAX, N. S.—The contract for wiring the Bank of Nova Scotia building for electric lights has been let to Graham & Pickles.

HAMILTON, ONT.—Leather & Watson, of this city, are reported to have been awarded the contract for furnishing supplies for the St. Thomas street railway.

MONTREAL, QUE.—The municipality of St. Francois de Beauce has given the Dominion Bridge Company, of this city, the contract for the construction of an iron bridge over the Chaudiere river.

BROCKVILLE, ONT.—The contract for constructing a new station for the C.P.R. at Vancouver has been let to Thomas Tompkins, of this city, who has several other smaller contracts on the line.

SHERBROOKE, QUE.—Tenders for \$175,-000 of 4 per cent. bonds, to run 25 years, were received as follows: Messrs. Frank Thompson & Company, 104.10; C. Ernest Gault, financial agent, Montreal, 104.06; Bank of British North America, 103.05; R. Wilson Smith, financial agent, Montreal, 103.00; A. Robert & Co., Montreal, 101.00. The Thompson tender has been accepted.

LONDON, ONT.—The City Council has accepted the tender of the Confederation Life Assurance Company for \$120,000 worth of city three and one-half per cent. bonds.—Tenders were received for fire alarm gongs from the United States Fire and Police Patrol Company, the Bell Telephone Company, the Gamewell Fire Alarm Company, the Anchor Electric Co., of Boston, and the Rogers Electric Co. The tender of the Bell Telephone Co. has been recommended for acceptance.

HARDENING CEMENT PAVING.

Portland cement paving will attain a considerable degree of hardness without any dressing or any special treatment; but paving laid in damp weather will ultimately attain a greater degree of hardness than that laid in very hot weather. Further hardening of the surface may be produced by keeping the work moist by means of wet cloths, or by damped sawdust or sand laid over the paving as soon as it has set; flooding the work with water, where this is possible, will be best of all. Miller mentions that cement work

may be rendered very tough and hard by gauging the material with to to 15 per cent. of minion—the siftings of ironstone after calcination. Indurating concrete slabs causes them to become very hard; by it their density is increased and their porosity lessened. A solution of soluble silicate of soda, 1 part to 10 parts of water, may be applied to in situ paving, but the pickle should not be applied until after the lapse of a couple of days, by which time some of the moisture will have evaporated, and thus allow the silicated solution to penetrate the pores of the material, for which the silicate has a great

PAINTING BRICK WALLS.*

Of all the subjects on paint and painting, this one, alone, appears to be the least hackneyed. In fact, there seems to be an implied agreement on the part of contributors to let it severely alone. There are several specific and well-defined reasons why the subject of brick painting should demand more attention than it usually does. The principal reasons are: It requires a large quantity of paint, as compared to other work, to do it properly, and that there is quite an amount of it done-more than the casual observer would suppose; also, that there are numerous difficulties constantly arising which handicap the painter who wishes to do a substantial job, unless he thoroughly understands them and knows the remedies

While it is controvertible, it seems to be a seltled fact in the minds of most of our painters, that there should be nothing used on brick-work except oil paint. Taking the surfaces as they come, good and bad, it would be folly to assume otherwise. But, considering the large amount of paint it takes, and the cost of the same, its entire use throughout the job may be partly dispensed with and the result be just as good. We hold that it is the duty, if not to the convenience of the painter, to work to this end. There is one thing sure, the better any surface is sized or filled, the less paint it takes to cover it, and the less work it requires to apply it; but the trouble is to get a filler that will stand on brick. If the walls were perfectly dry at the time of filling, and could be kept so, we would not hesitate for an instant, owing to the ease with which anything adheres to perfectly dry brick, in saying that a common brown glue size would practically answer. But the brick wall remains yet to be built that is and will remain dry in every portion during all seasons of the year, no matter how well it be coated with paint. A glue size has been tried repeatedly with varying results. . In some instances, according to the testimony of painters, it has stood fairly well over the entire job. These instances are so rare, however, that they bear questioning; hence, they are hardly worth considering. The experience of others has been that glue sizing would stand except around the cornice, windows, etc., and around the base. There are numerous instances that attest to the

truth of the foregoing assertion, we must conclude that brick buildings, taken as a whole, are more liable to draw dampness around the windows, cornices, near the base, etc., than at places some distance from these points. It seems to us, then, that a glue size might be employed advantageously on portions that the painter is sure will not draw dampness. In all cases, the size should be applied to these parts while the brick is perfectly dry, and covered with paint before it rains. While saying "perfectly dry," we do not mean dry as when taken from the kiln, for it is a fact that a brick will absorb some moisture in any position, and it will remain in it, which is evidenced by weighing them. Before painting brick that is partly sized, the parts on which there is no glue size should be given an oil size, so as to make the color uniform in appearance, and we think it advisable to also use a flat for finishing, for the possibility is that the surface will be unequal in its absorption of oil. We think it a safe proceeding to size brick that is protected by a verandah roof. It is another fact, well authenticated, that brick, relatively, will hold paint better with moisture in them than wood. The trouble with paint on wellburned damp brick is not so much from the paint cracking, scaling or blistering, as from spotting, and efflorescence of the sals in them.

When engaged in painting advertising signs, we hunted for a long time for a size that would hold out paint on brick and stand for a reasonable length of time.

Principally from the fact that it is tedious work to paint letters on a brick wall, on account of rapid suction, and also that the brick will not take paint well, which necessitates much rubbing, it is useless to try to paint letters rapidly on a brick surface if one is compelled to rub the paint in. We found by dissolving glue in linseed oil, and thinning down with benzine that we got a much cheaper size than pure linseed oil, besides, it filled better, and the letters could be put on much more rapidly than on an oil size, while its' lasting qualities were about on a par with an oil size. The glue served the office of filler, while the oil prevented the glue from coming in contact with the moisture. As we had not time to wait for the sizing to dry, we painted the letters on as soon as we got the sizing done. But it would be better to allow it to stand until dry before applying the next coat of paint. A painter once told me that glue dissolved in sal-soda water, and mixed with oil. makes a good sizing for brick. It seems to me that this is worthy of trial, as salsoda water and linseed oil makes a very good vehicle in which to mix the priming coat for wood, and I know that shellac dissolved in sal-soda water and mixed with oil makes a better paint for damp work, and work afflicted with grease spots, than pure oil. Shellac would be better than glue, but it is too costly. We mention these sizes for the reason that' property owners are scared out when it comes to painting brick work, on account of the vast amount of material it takes,

(Continued on page 4).

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THE PROTESTANT INSANE ASYLUM, Verdun, near Montreal.

THE GRAND HOTEL, St. Hyacinthe, Que.

THE NEW CUSTOMS-APPRAISERS STORES, NEW YORK, now building, which will

THE PARLIAMENT BUILDINGS, OTTAWA, portion of which was recently destroyed

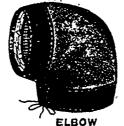
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* R. H. Forgrave, in Painters' Magazine.

and not because they are better than oil; for it is evidenced by universal experience that nothing is superior for brick walls than pure linseed oil. A painter of wide o perience informs me that he has painted brick work successfully, on several occasions, by using a vehicle of coal oil and linseed oil, regulating the amount of coal oil by the price the customer wished to pay. He claims he has succeeded in preventing the white incrustation that sometimes comes on brick, by the use of a paint heavily charged with coal oil. While we do not advocate a mixture of coal oil and linseed oil for painting purposes, we do believe that coal oil exerts a good influence on brick, in the way of preventing crumbling and the white in crustation, as the use of petroleum products in the laboratory for the preservation of potash and kindred products is universal. It is the activity of potash, salt-petre, etc., in brick that causes them to crumble, and the white incrustation to appear. Petroleum renders these salts inactive.

One cause, and probably the only one, for the disruption of paint on brick work, except dampness and its attendant evils, is dust, which, during the course of time, settles in the cracks and crevices of the brick, and in those left by the mason; hence, before beginning to paint, the walls should be thoroughly cleaned. Some use an old stub of a broom, while others recommend steel wire brushes. Most of the accumulation of dust is found along the upper edge of the brick, as there is a little shelf there, which is made by the trowel of the mason. This dust deposit causes the paint to scale off, and it should be cleaned off, for two other reasons: The surface is not only rendered better for paint to adhere to, but a dusty surface will absorb more paint than a clean one.

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Dealers in Contractors' Supplies, 36 King St. E., Toronto

While we recognize that ready-mixed paint is detrimental to the interests of the painter, we cannot ignore the fact that modern machinery and science have succeeded in producing paints superior in quality, and cheaper than those mixed in the old-fashioned way by hand. Particularly in the case of brick paint, one of the chief difficulties in the way of hand mixing is, the painter cannot get the proper material; nor can he get them cheap enough, owing to the small quantity pur-chased; while, on the other hand, there are comparatively few painters who know how to mix brick paint properly, espe-cially flat colors. The knowledge is not so much a question of getting it to stick, as in getting a flat that will stand in color and not spot. Some workmen claim that a good flat color for brick cannot be pro-duced that will stand the elements and not fade; but, all the same, there are several on the market that can lay great claim to these particular qualities.

In stimulating a brick color, Venetian red is invariably used as a base; but, owing to the many spurious articles on the market, it is an unsafe proceeding for the painter to attempt to mix a brick red that will not fade, without he is acquainted with his Venetian red and knows that it is "O. K." For this reason, if not for For this reason, if not for others, we would advise using the prepared products, both for flat and gloss work.

An imitation of the celebrated Philadelphia pressed brick is made by adding yellow ochre to Venetian red for light shade, and blue for dark. The darker the shade, the less ochre and more blue should be used, which gives it a decidedly purpl sh tint. Flat color, of course, is made by using turpentine. Milwaukee

brick color is made by using lead and ochre. Of the ready-mixed product, the suspicion is, it is made largely from zinc, barytes and yellow, both buff and light buff. As to the vehicle in which it is mixed, that is largely a matter of guess-work; but, as the smell of benzine is in evidence, it is safe to presume that it is an extended oil. Whether it is or not, some of them serve for the purpose for which they are intended admirably well.

(To be Continued.)

LAYING ENCAUSTIC TILES.

A solid foundation is most important. If not sufficiently sound, lay a bed of concrete three inches to six inches thick, made of fine gravel and cement, and well rammed down. To level the surface float over with about one-half inch of cement, and sand leaves about onecement and sand, leaving about one-quarter inch more than the thickness of the tiles in order to give a good bed. The tiles are then laid in Portland cement. To cut the tiles, mark the face well in with a sharp chisel, gently tap on the back, and, if the tiles be of good quality, they will readily separate. It is best to commence laying from the centre; and if a layer of sawdust covered by boards be laid across the tile pavement, it will preserve them until properly set. This, of course, should only be resorted to when the tiles are likely to be walked upon before being properly set. A saline scum often arises on the face of the tiles newly laid. This may be removed by washing with soft soap and cold water till the scum disappears. When thoroughly cleansed, the color of the tiles may be brightened up by washing them with skim milk. This only applies to tiles that have not been glazed.

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TO MUNICIPAL OFFICERS.

The CONTRACT RECORD is desirous of publishing, as far as possible, advance information regarding projected works of construction in all parts of Canada, such as sewerage and waterworks systems, railways, street pavements, public and private buildings, etc. Municipal officers woulds confer a favor upon the publisher by placing at our disposal particulars of such undertakings which are likely to be carried out in their vicinity, giving the name of the promoter, character of the work, and probable cost. Any information thus furnished will be greatly appreciated:

THE STRATFORD WATER SUPPLY COMPANY.

In a very complete statement issuedby: the directors of the Stratford Water Supply Company, in accordance with a resolution of the City Council, the following particulars of the plant are given:

The growth of the Water Supply Company's plant and machinery has been continuous; till now we have a duplicated plant throughout, having six engines and three boilers, the two large pumping engines having a combined capacity of pumping 5,000,000 gallons per day, and boilers equal to 200 horse power combined. We have eleven miles of force mains, with eighty-three street fire hydrants, engine and boiler house, coal siding and shed, etc.

The source of the main water supply has received constant attention, and enables us to assert that the water supplied by this company to the citizens is of better quality than is furnished to three-fourths of the larger cities of this continent. In confirmation of the satisfactory quality of the water we have the repeated tests and statements of the local medical health officer, together with the other distinguished medical practitioners of the city. The watershed of the Avon is throughout rural above Stratford and situated 1,200 feet above sea level, on the highest tableland in Ontario. On the banks of the Avon there are several large springs, three spring lakes, which with spring rivulets and the river Avon all go to form our source of water supply, which is conveyed through a stone and grave! filter, then by 15-inch Akron tile pipe to two small: settling basins, then to two wells, from which it is pumped by our force mains through the city. The settling basins and wells are cleaned of sand and the river and reservoir of drift leaves and weeds, the mains flushed and the river policed with posters, circulars and post cards, warning all in the neighborhood against in any way defiling the water. We have also had a constable patrol the

tiver whenever we had any suspicion that our warnings were being unheeded.

The water supply in quantity has proven to be ample in the dryest seasons experienced, and the price realized for the total water pumped by the year is only a fraction over 6c. per 1,000 gallons. In Toronto there is a revenue of 8c. realized for the 1,000 gallons, and in 5t. Thomas 12c. per 1,000 gallons. Originally our tariff was based on that of London, Ontario, though that city was doing three-fourths of its pumping by water power. Our tariff was revised in the year 1890 in the interest of the consumers.

In Belleville, with 9,914 population, the waterwords company has perpetual franchise; the city pays \$7,000 per year for 10 years for 175 hydrants, and 10 per cent. of cost of all extensions; has 17 miles of main; works valued at \$200,000.

Berlin, with 7,425 population, pays \$45 each per annum on 95 hydrants; it has ten miles of main and works valued at \$135,000.

Brantford, 12,753 population; works cost \$237,598; has 22 1-2 miles of main, 177 hydrants; revenue from consumers \$14,000, and from city \$11,000.

Chatham, 9,052 population; waterworks cost \$145,000; has 14 3-4 miles of main and 166 hydrants, but no proper water supply.

Cobourg, 4,829 population; works 72 hydrants; debt \$60,000; city pays for fire protection \$3,190, and for other purposes \$1,247; total \$4,437.

Guelph, 10,539 population; works cost \$150,000; has 18 miles of mains and 120 hydrants.

Ingersoll, 4,191 population; works cost \$100,000; with 7 miles mains and 60 hydrants.

St. Thomas, 10,370 population; works cost \$150,000; debt \$120,000; revenue \$13,000.

Woodstock, 8,612 population; water works cost \$158,552, with 20 miles of main, 128 fire hydrants; revenue from consumers \$7,000, from town \$6,735, and deficits to be met from the general taxes.

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

HENAULT VS. THE CITY OF MON-TREAL.—The plaintiff alleged that the city had accepted his tender to construct drains in various streets of the city, including one on Champlain street, at the

rate of \$5.25 per running yard; that plaintiff constructed and was paid for a number of these drains; that after he had done part of the necessary work on the drain on Champlain street the desendant, on the 10th September, 1805, ordered him to stop work, and that defendant was obliged for 53 days thereafter to protect and take care of the work done, and guard against accidents. Plaintiff alleged that he had protested defendant against the order, and that defendant on the 3rd November, 1895, took possession of the work. Plaintiff claimed that he was entitled, as payment for the work done, and for damages, to recover the sumi of \$1,533.66, less \$100 received on account. The court was of the opinion that a contract was completed between the plaintiff and defendant whereby defendant undertook to construct certain drains in a number of streets, including one in Champlain street; that plaintiff had completed and was paid for the drains in question with the exception of the one in Champlain street, as to which plaintiff received orders to desist, and was subsequently notified that hiscontract was cancelled. The court held that the city was guilty of a breach of contract, and the plaintiff's action was maintained for the sum of \$381.34.

QUEBEC MUNICIPAL CODE.

In the Quebec Legislature, Hon. Mr. Deschene introduced a bill to amend the municipal code. By this bill county councils are authorized to acquire one or more machines, stone crushers and rollers to improve and maintain roads, whether local or county, to make arrangements with the local municipalities for the purpose of allowing them the use thereof for their roads, and to fix their price for their use or to give them the gratuitous use thereof.

Dr. McCorkill moved an amendment giving to towns of a population of less than 4,000 the right to join with the county councils in which they are situated and buy all necessary machines to improve the roads. With this amendment the bill was passed.

Mr. E. Donnell has been appointed town clerk and treasurer of Barrie, Ont., in succession to Mr. Henry Bird, who has been in the employ of the town for about a quarter of a century.

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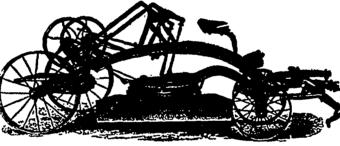
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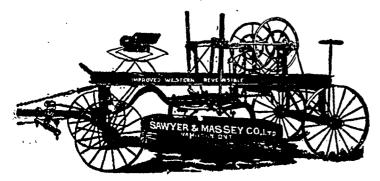
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For ornamental work, ch.; for anite paying blocks, 8in x4½ in. per M. Gran te curbing stone, 6 is lineal foot. **SLA** Rocting (* 1918**). " red " purple " untading gree black Terra Cotta Tile, per 3q Ornamental Black Slate Acc. **PAINTS.** White lead, Can., per 100 lb. " zinc, Can., " Red lead, Eng Red lead, Eng	750 20 00 25 00 00 17 00	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per M. Scotch "Scotch "White. Plaster, Calcined, N. B "N. S Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cut nails, 50d & 6od, per ke Steel "" CUT NAILS, FERCE 40d, hot cut, per 10s lbs	10 450 475 500 550 2700 3500 1500 2100 2700 3500 1900 2100 50 50 200 150 200 150 200 150 80 100 100 WARE otations to builders for nails 225 185 235 195 LAND CUT SPIKES.
For ornamental work, Ca., Sin X4½ in. per M. Gran te curbing stone, 6 in lineal foot. SLA Roefing (* 1944*2). " red " purple " untading gree " yenettan, per 100 lb " yennillion " untading gree " untading gree " yennillion " untading gree " untading gree " yennillion " untading gree " untading	10 12 in. x6 in. 10 12 in. x6 in. 10 12 in. per 10 10 in. per 10 in.	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B "N. S "N. S Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cut nails, sod & food, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 100 lbs. to to te', hot cut 40d, hot cut, per 100 lbs. to to te', hot cut 40d, 7d, "" 4d to 5d, "" 2d. "" Cut spikes, 10 cents per k	110 450 475 500 550 M 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 40 200 150 200 150 80 100 100 WARE. ctations to builders for nails eg 225 185 235 195 cAND CUT SPIKES 230 192 245 205 245 205 245 205 245 205 270 230 325 285 ceg advance.
For ornamental work, Ca., Sin x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA* Roccing (** 1944**2). " red " purple " untading gree " untading gree " untading gree " black Terra Cotta Tile, per sq Ornamental Black Slate Acc. **PAINTS.* White lead, Can., per 100 lb " inc, Can., " red " venetian, per 100 lbs " vermillion " Indian, Eng " Indian, Eng Vellow ochre	10 12 in. x6 in. 10 12 in. x6 in. 10 12 in. per 10 in. per	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per M. Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B "N. S Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cut nails, sod & 6od, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 100 lbs. to to 16c', hot cut 3d, 9d, "" 4d to 5d, "" Cut spike', ro cents per ke Steel Nails, 1(c. per keg	110 450 475 500 550 M 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 40 200 150 200 150 80 100 100 WARE. otations to builders for nails eg 225 185 235 195 t AND CUT SPIKES 230 100 235 195 245 205 245 205 240 250 270 230 395 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230
For ornamental work, ch. Granite paving blocks, 8in x4½ in. per M. Gran te curbing stone, 6 in lineal foot	750 25 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per M. Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B "N. S Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cut nails, sod & 6od, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 100 lbs. to to 16c', hot cut 3d, 9d, "" 4d to 5d, "" Cut spike', ro cents per ke Steel Nails, 1(c. per keg	110 450 475 500 550 M 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 40 200 150 200 150 80 100 100 WARE. otations to builders for nails eg 225 185 235 195 t AND CUT SPIKES 230 100 235 195 245 205 245 205 245 205 245 205 270 230 395 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 245 205 270 230 325 255 240 250 270 230 325 255 240 250 270 230 325 255 240 250 270 230 270 230 325 255 245 205
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in x4½ in. per M. Gran te curbing stone, 6 in lineal foot. SLA Roefing (* 19uare). " red. " purple. " unfading gree " black. Terra Cotta Tile, per sq. Ornamental Black Slate Acc. PAINTS. White lead, Can., per 100 lb. " zinc, Can., " Red lead, Eng. " venetian, per 100 lbs. " yermillion " Indian, Eng. Yellow ochre. "Yellow horme. Green, chrome. " Paris. Black lamp. Black lamp.	10 12 in. x6 in. 10 12 in. x6 in. 10 12 in. x6 in. 10 12 in. per 10 12 in. x6 in. 10 12 in. x6 in	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel """ CUT NAILS, FERCE 40d, hot cut, per 103 lbs to to to to'c hot cut 8d, 9d, "" 4d to 5d, "" 3d, "" 2d. Cut spike, 10 cents per k Steel Nails, 1(c. per keg Lron Iron pipe, X inch, per foot. "" Y inch, per foot.	110 14 50 475 50 0 5 50 17 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 10 20 0 15 00 20 0 15 00 20 0 15 00 20 25 15 05 20 25 15 05 20 20 20 20 20 20 20 20 20 20 20
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. ** ** ** ** ** ** ** ** **	750 250 700 100 1768]. 70 TTE. TOPONTO. MONTPORI. 70 85 70 800 1000 1000 1000 1000 1000 1000 10	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel """ CUT NAILS, FERCE OUT NAILS, FERCE 40d, hot cut, per 103 lbs to to tôt', bot cut 8d, 9d, "" 4d to 5d, "" 3d, "" 2d. Cut spike, 10 cents per ke Steel Nails, 1(c. per keg Iron Iron pipe, ¼ inch, per foot. "" ½ "" "" ½ " "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "" ½ "" "	110 14 50 475 500 500 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 17 00 35 00 15 00 21 00 18 0 100 15 00 18 0 100 15 00 18 1 100 18 2 25 185 18 185 18 185 18 195 18 1
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA* Roefing (* 19uare). ** red. ** purple. ** unlading gree ** black. ** purple. ** unlading gree ** black. ** PAINTS. White lead, Can., per 100 lb. ** zinc, Can., ** ** red lead, Eng. ** venetian, per 100 lbs. ** ven	750 20 00 00 1768]. 70 TE. TOPONTO. MONTPORI. 70 85 10 00 10 850 70 800 10 00 10 850 70 800 10 00 10 10 10 10 10 10 10 10 10 10 1	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cat nails, 50d & 60d, per ke Steel "CUT NAILS, FENCE 40d, hot cut, per 103 lbs to to tôt', hot cut 8d, 9d, "" 6d, 7d, "" 2d. Cut spike, ro cents per k Steel Nails, icc. per keg Iron Iron pipe, & inch, per foot. "" " " " " " " " "" " " " " " " " "" " " " " " " " "" " " " " " " " "" " " " " " " " "" " " " " " " " " "" " " " " " " " " " " "" " " " " " " " " " " " " " " " " " " "	110 14 50 475 500 5 50 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 10 10 15 00 10 10 15 00 10 10 15 00 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **BLA* Rocting (* square). " red " purple " purple " untading ree " black " inc, can., per soo lb " inc, Can., " need lead, Eng. " venetian, per soo lb. " inc, can., " need lead, Eng. " venetian, per soo lbs. " yermillion. " Indian, Eng. Yellow ochre Yellow chrome Green, chrome Green, chrome " Paris. Black lamp. " Paris. Black lamp. " lin, inseed, refined, * Imp. " (Less than bbl., 50	10 12 in. x6 in. 1. x20 in. per 10 12 in. x6 in. 10 12 in. x6 i	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B "N. S Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cut nails, 50d & 6od, per ke Steel """ CUT NAILS, FERNER 40d, hot cut, per 103 lbs 10 to 16t', hol cut 8d, 9d, """ Cut spikes, 10 cents per ke Steel Nails, 11 c. per keg Loud Nails, 11 c. per keg Tron pipe, & inch, per foot. """ """ """ """ """ """ """	110 14 50 475 500 5 50 14 700 35 00 15 00 21 00 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 10 150 20 150 20 150 20 150 WARE. btations to builders for nails 25 25 185 235 195 14 AND CUT SPIKES. 230 100 235 195 14 AND CUT SPIKES. 230 100 235 195 14 AND CUT SPIKES. 240 260 250 250 250 26 25 285 18 50 26 26 27 27 285 18 50 26 26 27 7 7 28 50 26 26 28 50 26 26 29 20 20 20 20 20 20 20
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8 in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA* Roccing (** 1900 stone, 6 in lineal foot. ** red. ** purple. ** unlading gree ** unlading gree ** unlading gree ** ornamental Black State Acc. **PAINTS.* White lead, Can., per soo lb. ** rinc, Can., ** red. ** venetian, per soo lbs. ** venetian, per soo lbs. ** vermillion. ** undian, Eng. ** venetian, per soo lbs. ** yellow ochre. Yellow ochre. Yellow ochre. Green, chrome. ** Paris. Black lamp. Blue, ultramarine. Oil, linseed, raw, by bbl. **Imp. gal.* Oil, linseed, refned, **Imp. **Jil, inseed, refned, **Jimp. **Jil, inseed, refned, **Jil, insee	750 20 00 00 1768]. 70 TTE. TOPONTO. MONTPORI. 70 85 10 00 00 10 85 10 00 00 00 10 85 10 00 00 10 10 10 10 10 10 10 10 10 10	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nsils, 50d & 60d, per ke Steel """ CUT NAILS, FERCE OUT NAILS, FERCE 40d, hot cut, per 103 lbs to to te'c, hot cut 8d, 9d, "" 3d, "" 2d. Cut spikev, 10 cents per ke Steel Nails, 14 c. per keg Iron Iron pipe, X inch, per foot "" " " " " " " " " " " " " " " " "	110 14 50 475 500 550 17 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 10 10 10 10 10 10 10 10 10 10 10 10 10 1
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in. x4½ in per M. Gran te curbing stone, 6 in lineal foot. **BLA* Roccing (** square*). " red " purple " untading ree " black Terra Cotta Tile, per sq. Ornamental Black Slate Aoc. **PAINTS.* White lead, Can, per 100 lb. " inc, Can, " Red lead, Eng " venetian, per 100 lbs " trindian, Eng Yellow ochre Yellow chrome Green, chrome Green, chrome Green, chrome Green, chrome Jinh, kgl Oil, linseed, trid, by bbl Jinh, gal Jil, linseed, refined, **Jimp., gl. Vhiting, dry, per 100 lbs. Paris white, Eng., dry. Litharge, Eng., Sienna, barmt. Umber, "	10 12 in. x6 in	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel """ CUT NAILS, PERCENTO Sd, 9d, """ dd, 9d, """ dd, 7d, """ dd, 7d, """ Cut spike, 10 cents per k Steel Nails, 1(c. per keg Iron Iron pipe, X inch, per foot. """ """ """ """ """ """ """	110 14 50 475 500 550 17 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 17 00 35 00 15 00 21 00 18 0 15 0 20 0 15 0 20 0 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 25 185 235 195 AND CUT SPIKES. 230 190 245 205 240 260 245 205 25 285 195
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8in. x4½ in per M. Gran te curbing stone, 6 in lineal foot. **BLA* Roccing (** iquart). " red. " purple. " red. " purple. " untading gree black Terra Cotta Tile, per 30 Ornamental Black Slate Acc. **PAINTS.* White lead, Can., per 100 lb. " ininc, Can., " Red lead, Eng. " venetian, per 100 lb. " vermillion. " Indian, Eng. Yellow chrome. " Yellow chrome. " Paris. Black lamp. Blue, ultramarine. Oil, linseed, raw, by bbl. **Imp. gal. " (Less than bbl., 5c. Patty. Whiting, dry, per 100 lbs. Paris white, Eng., dry. Litharge, Eng. Sienna, barnt. Umber. " Turpentine.		Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. HABD The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel """ CUT NAILS, FERCE OUT NAILS, FERCE 40d, hot cut, per 103 lbs to to tec', bot cut 8d, 9d, "" 4d to 5d, "" 3d, "" Cut spikes, 10 cents per ke Steel Nails, 10 c. per keg Irons Iron pipe, ¼ inch, per foot. "" " " " " " " " " " " " " " " " " " "	110 14 50 475 500 550 17 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 17 00 35 00 15 00 21 00 18 0 15 0 20 0 15 0 20 0 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 20 15 0 20 25 185 235 195 AND CUT SPIKES. 230 190 245 205 240 260 245 205 25 285 195
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8 in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA** Roccing (* 1900 red. " purple. " purple. " purple. " unlading gree " black **PAINTS.* White lead, Can., per 100 lb. " rinc, Can., " " Red lead, Eng. " venetian, per 100 lb. " yermillion. " Indian, Eng. Yellow ochre. " Yellow ochre. " Paris. Black lamp. Blue, ultranarine. Oil, linseed, raw, by bbl. **Imb. gal. Jil, linseed, raw, by bbl. **Imb. gal. Yellow chrome. Cless than bbl. 50 Putty. Whiting, dry, per 100 lbs. Paris white, Eng., dry. Litharge Eng. Sienna, barmt. **Imber, Turpentine. **OE/**ENT, Portland Cements — German per 1bl.	750 20 00 10 10 11 10 11 10 12	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cat nails, 50d & 60d, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 100 lbs to to tôt' hôt cut 8d, 9d, "" 6d, 7d, "" 3d. Cut spike, ro cents per k Steel Nails, icc. per keg Iron Iron pipe, & inch, per foot. "" # # " " " "" # # # " " "" # # # " Contonto, yo per cent. dis Montreal, yo per cent. dis Montreal, yo per cent. dis Adam's—Mar's Best and Q 16 to 24 guage, per lb 26 guage, "" 28 guage, "" Conton Conventer **Gordon Con	110 4 50 4 75 50 0 5 50 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 27 00 15 00 20 00 15 0 20 0 15 0 20 15 0 WARE. btations to builders for nails 22 25 185 235 195 4AND CUT SPIKES. 230 190 240 260 240 260 250 245 205 240 260 250 245 205 270 235 245 25 270 235 245 25 270 236 245 205 246 260 276 276 277 276 285 centra. Pipe: 60. 60. 77 77 12 12 12 12 12 12 17 17 17 17 17 17 18 24 24 24 30 30 30 30 count. 18 34 34 count. 18 36 34 count. 18 43 43 count. 18 5 44 count. 18 5 44 24 44 35 44 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 44
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8 in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA** Roccing (** 1900 10.0.** ** purple ** purple ** purple ** purple ** unlading gree ** black ** PAINTS.* White lead, Can., per 100 lb. ** rine, Can., " Red lead, Eng ** venetian, per 100 lb ** yermillion ** Indian, Eng Yellow ochre Yellow ochre Yellow ochre ** Paris Black lamp Black lamp Black lamp Black lamp Black lamp Coll. linseed, raw, by bbl ** Indian, Eng Yellow chrome Green, chrome ** Paris Black lamp Black lamp Black lamp Slene, gal Jil, linseed, raw, by bbl ** Indian, Eng Yellow chrome ** Coll. linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Black lamp Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Bl	750 20 00 10 10 10 10 10 10 10 10 10 10 10 10	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. HARD The following are the que at Toronto and Montreal: Cat nails, 50d & 60d, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 100 lbs to to tôt' hôt cut 8d, 9d, "" 6d, 7d, "" 3d. Cut spike, ro cents per k Steel Nails, icc. per keg Iron Iron pipe, & inch, per foot. "" # # " " " "" # # # " " "" # # # " Contonto, yo per cent. dis Montreal, yo per cent. dis Montreal, yo per cent. dis Adam's—Mar's Best and Q 16 to 24 guage, per lb 26 guage, "" 28 guage, "" Conton Conventer **Gordon Con	110 4 50 4 75 50 0 5 50 27 00 35 00 15 00 21 00 27 00 35 00 15 00 21 00 27 00 15 00 20 00 15 0 20 0 15 0 20 15 0 WARE. btations to builders for nails 22 25 185 235 195 4AND CUT SPIKES. 230 190 240 260 240 260 250 245 205 240 260 250 245 205 270 235 245 25 270 235 245 25 270 236 245 205 246 260 276 276 277 276 285 centra. Pipe: 60. 60. 77 77 12 12 12 12 12 12 17 17 17 17 17 17 18 24 24 24 30 30 30 30 count. 18 34 34 count. 18 36 34 count. 18 43 43 count. 18 5 44 count. 18 5 44 24 44 35 44 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 5 44 44
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8 in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA** Roccing (** 1900 10.0.** ** purple ** purple ** purple ** purple ** unlading gree ** black ** PAINTS.* White lead, Can., per 100 lb. ** rine, Can., " Red lead, Eng ** venetian, per 100 lb ** yermillion ** Indian, Eng Yellow ochre Yellow ochre Yellow ochre ** Paris Black lamp Black lamp Black lamp Black lamp Black lamp Coll. linseed, raw, by bbl ** Indian, Eng Yellow chrome Green, chrome ** Paris Black lamp Black lamp Black lamp Slene, gal Jil, linseed, raw, by bbl ** Indian, Eng Yellow chrome ** Coll. linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Black lamp Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Blue, ultramarine Oil, linseed, raw, by bbl ** Indian, Eng Yellow Chrome ** Paris Black lamp Bl	750 20 00 10 10 10 10 10 10 10 10 10 10 10 10	Ontario. Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel "" CUT NAILS, FENCE 40d, hot cut, per 103 lbs to to t6', ho; cut 8d, 9d, "" 4d to 5d, "" 2d Cut spike, 10 cents per k Steel Nails, 10c. per keg Iron Iron pipe, ½ inch, per foot. "" 3d." "" 4d." "" 5u." "" 5u." "" 5u." "" 6u." "" 6u.	110 4 50 4 75 50 0 5 50 2 700 35 00 15 00 21 00 2 700 35 00 15 00 21 00 2 700 35 00 15 00 21 00 3 00 15 00 3 00 15 00 3 00 15 00 1 200 15 00 WARE. bations to builders for nails eg 225 185 2 325 185 CAND CUT SPIKES. 2 30 190 2 40 2 60 2 20 2 50 2 2
For ornamental work, c. i. Granite paving blocks, 8 in x4½ in per M. Gran te curbing stone, 6 ii lineal foot. **Roching (** iquare*). " red " purple " untading ree " black " red " purple " untading gree " black " red " plurple " untading gree " black " red " PAINTS. White lead, Can, per son black " rinc, Can, per son black " rinc, Can, per son black " remillion " Indian, Eng " venetian, per roo lbs " yermillion " Indian, Eng Yellow ochre Yellow chrome. " Paris. Black lamp Black lamp Bluc, ultramarine. Oil, linseed, 17d, by bbl., Imp. gal Jil, linseed, 17d, by bbl., Torner, " Turpentine OE/VENT, Portland Cemetts — German, per 1bl London Newcastie " Jossen" Bracd Portland English, artificial, per bb Relvian, natural, per bb	10 12 in. x6 in. 10 12 in. x6 in. 10 12 in. per 10 10 10. 10 10 10. 10 10 10. 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Ontario. Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nsils, 50d & 60d, per ke Steel """ CUT NAILS, PERCE 40d, hot cut, per 100 lbs. to to te', hot cut. 3d, """ 2d. """ Cut spike, 10 cents per ke Steel Nails, 10c. per keg Iron pipe, K inch, per foot. """ """ """ """ """ """ """	110 14 50 475 500 500 2700 3500 1500 2100 2700 3500 1500 2100 100 100 100 100 1
For ornamental work, ch. For ornamental work, ch. Granite paving blocks, 8 in. x4½ in. per M. Gran te curbing stone, 6 in lineal foot. **SLA** Roccing (** 1900 red. " purple. " purple. " unlading gree " black **PAINTS.* White lead, Can., per 100 lb. " rinc, Can., " Red lead, Eng. " venetian, per 100 lbs. " yermillion. " Indian, Eng. Yellow ochre. " Paris. Black lamp. Black lamp. Black lamp. Blue, ultranarine. Oil, linseed, raw, by bbl. **Imp. gal. Jil, linseed, raw, by bbl. **Imp. gal. Jil, linseed, refined, **Imp. Green, chrome. Cless than bbl. 50 Putty. Whiting, dry, per 100 lbs. Paris white, Eng., dry. Litharge. Eng. Sienna, barm. Umber, "Turpentine **OEMENT, Portland Cements — German, per 1bl. London Newcastie " Josseon" Bracd Portlat North's "Condor" English, artificial, per bb Belgian, natural, per bb Canadian Roman	TE. TOPONIO. MONIFORI. 70 TE. 70 70 TE. 70 85 1000 85 1000 1085 750 850 700 850 700 850 700 850 700 850 700 850 700 850 700 850 700 850 700 850 700 850 700 850 700 800 100 100 100 100 100 10	Ontario, Keene's Coarse "Whites". Fire Bricks, Newcastle, per h Scotch Lime, Per Barrel, Grey "White Plaster, Calcined, N. B Hair, Plasterers', per bag. The following are the que at Toronto and Montreal: Cut nails, 50d & 60d, per ke Steel " CUT NAILS, FENCE 40d, hot cut, per 103 lbs to to t6', ho; cut 8d, 9d, " 4d to 5d, " 3d. " Cut spike, 10 cents per ke Steel Nails, 10c. per keg Iron Iron pipe, & inch, per foot. " " " " " " " " " " " " " " " " " " "	110 14 50 475 500 5 50 14 700 35 00 15 00 21 00 27 00 35 00 19 00 21 00 10 10 15 00 10 15 00 1
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