Technical and Bibliographic Notes / Notes techniques et bibliographiques

L'Institut a microfilmé le meilleur exemplaire qu'il

lui a été possible de se procurer. Les détails de cet

The Institute has attempted to obtain the best original

copy available for filming. Features of this copy which

may be bibliograp of the images in the significantly change checked below.	ne reproduc	ction, or whi	ch may				biblio repro	graph duite, a mét	qui sont p ique, qui p ou qui pe hode norn	euvent ex	modifier kiger une	une im modifi	age cation	
Coloured co							1 1		red pages/ de couleu					
Covers dama	_	ėe					1/1	_	damaged/ endomma					
Covers resto	-	laminated/ t/ou pelliculé	æ				1	_	restored a restaurées					
Cover title n Le titre de c	_	manque					/ 1		discoloure décolorées					
Coloured ma Cartes géogr	•	n couleur				[•	detached/ détachées					
1 f		r than blue on utre que bleu		re)			1/1		through/ parence					
1 1		illustrations/ ions en coule					. /		y of print é inégale d		ession			
Bound with Relié avec d'									nuous pagi Ition conti					
Tight bindin along interio La reliure se distorsion le	r margin/ rrée peut ca		ibre ou de					Comp	les index(e rend un (d on header 1	les) inde				
Blank leaves within the te		•		•		r			e de l'en-te	·	ient:			
been omitted Il se peut que lors d'une re	d from film e certaines	ing/ pages blanch	es ajouté	es		[!	Page d	e titre de l on of issue,	la livrais	on			
mais, lorsque pas été filmé	cela était (• •		•				-	le départ d		aison			
Additional co						L	- 1		que (pério	odiques)	de la livi	raison		
Commentaire This item is filmed	es suppléme		bootsed by	-1 <i>1</i>										
Ce document est fi					s .	22X			26×	(30×		
									j					
12X		16X		20×		L	ليسبيا	24 X			 28×		<u> </u>	32×

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

Vol. 5.

MAY 31, 1894

No. 17

THE CANADIAN CONTRACT RECORD.

PUBLISHED EVERY THURSDAY
As an Intermediate Edition of the "Canadian Architect
and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.

C. H. MORTIMER, Publisher,

Confederation Life Building, Toronto.
Telephone 2362.

New York Life Insurance Building, Montreal.
Bell Telephone 2299.

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

Zender.
Advertising Rates on application.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Unitario Association of Architects signified its approval of the OANADIAN GUNTRACT RECURD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

their medium of communication with contrators with respect to advertisements for Tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Juebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, seconded by A. P. Dunlop, that we the Architects of the Province of Juebec now assembled in Convention being satisfied that the CANADIAN CONTBACT RECORD affords us a direct communication with the Contractors,—Resolved, that we pledge our support to it by using its columns when calling for Tenders."

Subscribers who may change their address should give prompt notice of same. In doing so, gize both old and new address. Notify the publisher of any irregularity in delivery of paper.

BARTER AND EXCHANGE.

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

RATES—12 words and under, 15 cents; each additional word, 1 cent (three figures count one word); on two or more subsequent insertions a discount of 10 per cent, will be allowed. Not more than four insertions of an advertisement can be granted.

Replies to advertisements may be addressed to a box at this office, in which case necessary stamps must be sent for re-mailing replies. Advertisements for this department must be prepaid.

FOR SALE—Wood and glass partition, 9 feet high, 1834 feet long, including doe 3x3 feet. Pine, natural finish, ground glass in panels. In use little more than a year. Cost over \$50. will be sold at a sacrifice. Box 50, CONTRACT

Granolithic Pavement CITY OF BELLEVILLE

The Municipal Corporation of the City of Belleville require tenders for the construction of about 4000 yards Granolithic Payement on Front and Bridge Streets.

Contractors will furnish their own specifications with tender for the said work at price per square yard, and Stone Curbing at price per lineal foot.

Work to be guaranteed for twenty years.

Further particulars can be obtained by addressing R. Croft. Hulme, Esq., City Surveyor, or the undersigned.

Tenders will be received addressed to the undersigned up to noon of June 12th, next.

D. R. ROBERTSON.

ne 14th, next.

D. B. ROBERTSON,
City Clerk.

TENDERS

Sealed tenders will be received at the office of the un dersigned up to the 47H JUNE next, for the lighting of the town of Farnham by electricity.

The lowest or any tender not necessarily accepted.

E. AUDETTE,
Sec.-Treasurer.

Fambam, Que., 17th May, 1894.

PLANS AND SPECIFICATIONS

or a TOWN HALL and ENGINE HOUSE ombined, will be received by the Clerk of the Town f Carleton Place up to June 30th, 1894
Only such plan or plans as are accepted by the Counil to be paid for.
For particulars apply to the undersigned.

A. R. G. PEDEN, Town Clerk.

Carlton Place, May 15th, 1894.

THE QUEBEC GENTRAL RAILWAY

NOTICE TO CONTRACTORS

Good work can be had on the construction of the Tring Megantic Branch by contractors with small outfits.

Special railway rates for men and outfits.

Good wagon roads to the works.

A few good foreinen wanted.

HOLT & LUKES,

CONTRACTORS, SHEKBROOKE, P. Q.

TO BUILDERS, ETC.

Tenders, separate or lump, for the erection of a brick and stone chapel, &c., at St. Joseph's Convent. St. Alban's Street, will be received by the Rev. Mother M'de Pazzi, St. Joseph's Convent, or the undersigned, until WEDNESDAY, 67H OF JUNE.

1 enders are to be in harmony with the forms prescribed by the specifications and must contain the names of two eligible and sufficient persons as security for the due performance of the contract.

The lowest or any tender will not necessarily be accepted.

Plans, &c., may be seen at the office of JOSEPH CONNOLLY, R.C.A., Architect, Imperial Chambers, 32 Adelaide St. E., Toronto.



NOTICE TO CONTRACTORS

Tenders will be received by registered post, addressed the City Engineer, Toronto, up to 11 o'clock a.m., Saturday, June 9th, 1894, for the following works:

CEDAR BLOCK PAVEMENTS

On Ulster Street, from Markham Street to Bathurst

Rosebury Avenue, from Bathurst Street to its

east end.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto, on and after Saturday, June and, 1804.

A deposit in the ferm of a marked cheque, payable to the order of the City Engineer, for the sum of 5 per cent, on the value of the work tendered for under 5, 1000 and 2½ per cent, on the value of the work tendered for over that amount, must accompany each and every tender, otherwise it will not be entertained.

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

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

DANIEL LAMB,

DANIEL LAMB, rman of Committee on Works.

Chairman Committee Rooms, Toronto, May 28, 1894.

CONTRACTS OPEN.

MEAFORD, ONT.—A plan for a system of waterworks is under consideration.

WATSON'S CORNERS, ONT. - The Presbyterians will build a new church.

WINCHESTER, ONT.—The erection of a High School is under consideration.

HALIFAX, N. S.—The Union Protection Co., have purchased a site on Jacob street for their new hall.

KINGSTON, ONT.--The governors of the School of Agriculture are about to erect a brick dairy building.

HARTNEY, MAN .- A by-law to raise \$2,500 for an addition to the public school has been carried by the ratepayers.

GRIMSBY, ONT. — The Hamilton, Grimsby and Beamsville Railway Company will erect a brick car shed here, 130

by 50 feet.

ST. HYACINTHE, QUE.—It is reported to be the intention of the G. T. R. Company to build a new passenger depot at

this place.
FORT WILLIAM, ONT.—Proposals are

invited for the construction of a system of waterworks. Particulars may be obtained from the Town Clerk.

PENETANGUISHENE, ONT.-Mr. Kennedy, architect, of Barrie, will shortly in vite tenders for the erection of a hotel building for Mr. Jas. Dusome. DIGBY, N. S .- Tenders are invited by

Mr. S. Wood, Chairman Building Committee, until the 10th of June for the building of a rectory in this town.

CALGARY, N. W. T.—The Town Coun cil propose to submit a by-law to the ratepayers shortly to raise the sum of \$30,000 to establish an electric light plant.

INGERSOLL, ONT .- A by-law to raise the sum of \$10,000 for the enlargement of the Collegiate Institute will be voted on by the ratepayers on the 18th of June.

WINDSOR, ONT .- Messrs. Maycock & Co. are preparing plans for a residence for Mr. John Clarke, Victoria ave., cost \$3,000. Tenders will be called next week.

SMITH'S, FALLS, ONT.—The by-laws to provide funds for increased school accommodation and an electric fire alarm system have been sanctioned by the rate-

DARTMOUTH, N. S .- Tenders are invited by the School Board until the 4th of June for the erection of an additional to the Greenvale school building; A. Elliott, Clerk School Board.

POINT ALEXANDER, ONT - Plans have been prepared for a new Presbyterian church here, and tenders for erection will may be seen at the Observer office, Pembroke.

COOKSHIRE, QUE. - It is rumored that a company is to be formed for the purpose of constructing a water-way on the St. Francis river about 9 miles from this town to Bassin, and to utilize the water power for the transmission of electric power to manufacturers in the locality.

PARRY SOUND, ONT .-- A by-law to borrow \$6,500 to build a new school has been read a first time in Council.

YARMOUTH, N. S.—The congregation of the First Baptist church have decided to build a new brick church, probably on the site of the present edifice. The new building will cost \$15,000 and equipment \$5,000. Construction will be commenced at an early date.

ST JOHNS, QUE.—Mr. Papineau, civil engineer, is taking levels for the government of drains of this town, to report on the feasibility of running all the drains into one common receptable, and conducting the discharge about a mile and a half below the town and out under the canal.

WINNIPEG, MAN .- The Northwest Electric Company contemplate making improvements to their plant.—Tenders being called for the erection of a nurses' home in connection with the isolated department of the General hospital. Estimated cost, \$8,000. H. Mc-Cowan, architect.

WINDSOR, ONT.—J. G. McLean, architect, has prepared plans for a lodge hall to be erected on Goyeau street by the Ancient Order of Foresters. The building will be three stories with pressed brick front. Estimated cost \$10,000. The Sal vation Army are considering the erection of a new barracks, at a cost of \$6,000.

QUEBEC, QUE.—At the last meeting of the City Council letters were read from Messrs, Bender and Bikerdike, offering to build refrigerators here to facilitate the exportation of perishable ..rticles, on con dition that the city guarantee the interest at 4 per cent on \$100,000. If the council declines the offer, it is said the refrigerators will be constructed near Montreal. The cost of construction would be \$500,000.—Mr. Tanguay, of the firm of Tanguay & Vallée, architects, has prepared plans for the proposed building for the St. Roch's library, and tenders will be selected for at an early date.—Mr. A asked for at an early date.—Mr. A. Charlebois has purchased property on the Grand Allee on which it is his intention to erect a number of cottages costing over \$10,000.

HAMILTON, ONT.-The residents of Wood street have petitioned against the construction of an intercepting trunk sewer along that street, from James street to Ferguson avenue.—The Board of Works has decided to recommend that Trinidad asphalt be used for the paving of King and James streets. The by-law to authorize the expenditure of \$150,000 on the work will be submitted to the ratepayers on the 26th of June. The officials of Centenary church are considering the erection of a new Sunday School building.

Building permits have been granted as follows. Anthony Copp, six two and a half story brick stores on King street between Walnut street and Ferguson ave., cost \$7,000; two story brick dwelling on Hannah street, between Queen and Kent streets, cost \$1,200.

.93rd May, 1894.

MONTREAL, QUE.—The erection of a new club-house in the near future is contemplated by the Montreal Amateur Athletic Association. — Mr. McLeod Stewart, solicitor, has given notice that application will be made to the Dominion Parliament for an act to incorporate a company to construct a canal from some point on the Ottawa river, at or near the city of Ottawa, to Georgian Bay and to city of Ottawa, to Georgian Bay and to construct the necessary wharves, piers, etc. — The Water Committee of the City Council has approved of the expenditure of \$14,000 to repair the bridges and ditches on the aqueduct, and \$11,895 required to lay water pipes in streets to be permanently paved.—The question of providing incinerators is under consideration by the municipalities of St. Henri and St. Cunegonde.—Plans for the proposed isolation hospital, prepared jointly by Messrs. M. Perrault and Eric Mann, have been referred to a sub-committee for a report.—C. St. Jean, architect is calling for tenders for the erection of a Catholic church at St. Nazaire, Que. -Mr. Charles Bernier is preparing plans for a two-story tenement house on St. Elizabeth street for Mr. Louis Gendreau, to cost about \$4,000.—Mr. W. E. Doran is calling for tenders for two stores and dwellings to be erected at the corner of Prince and Common streets for Mrs. P. C. Shannon. Same architect is also calling for tenders for a stable to be erected on Osborne street for Mrs. H. Charlebois.

—The City Council has granted the sum of \$9,000 towards the reconstruction and alteration of the St. Antoine market. The council will select the architect at its next meeting. Two schemes have been sub-mitted, one from Messrs. Perrault and Mann, and one from Messrs. Chausse and Lapointe.—The Packard Lamp Co., are negotiating for a suitable site on which to erect a building for manufacturing purposes.

TORONTO, ONT.—The City Engineer has recommended the purchase by the city of an electric light plant for street lighting. The cost of a plant sufficient to supply the necessary lights is estimated as follows: buildings, etc., \$42,000; engines and boilers, \$60,000; dynamos, \$40,000; poles, lines and wires, \$100,000; lamps, \$40,000.—The Court of Revision last week confirmed the assessments for the following work: brick pavement on Wellesley place; asphalt pavement on Winchester street, from Parliament to Ontario; asphalt pavement on Parliament street, from Queen to Gerrard; cedar block pavements on Amelia street and Gildersleeve avenue; macadamizing of Jarvis street, from Queen to King. The Jarvis street, from Queen to King. The residents on Parliament petitioned against an asphalt payement on that street, and the petition will probably defeat the work.

The City Engineer has recommended the construction of an asphalt pavement on Wellesley street, from Parhament to Sherbourne streets, at a cost of \$13,700, and a similar pavement on Cecil street, from Beverley to Spadina avenue, cost \$12,150.—A large deputation recently interviewed the Provincial Government asking financial assistance towards the construction of a railway from Bobcay-geon to Burketon. Among the deputa-tion were Messrs. Charles Fairbarn, M. P., John A. Barron, ex-M. P., and Hon. John Dubson, of Lindsay. The Domin-ion Government has sanctioned a subsidy of \$3,200 per mile towards the cost of construction, and various municipalities have granted bonuses. Consideration was promised.—Post & Holmes, architects, are preparing plans for a R. C. church at Uptergrove, to cost \$10,000, and for a rectory at Sandwich, Ont., to cost about \$6,000.—Building permits have been granted as follows:—Standard Fuel Co., coal storage warehouse, s. side Esplanade, foot of Brock st., cost \$4,000; Chas. Standish, additions 28 Elizabeth st., cost \$1,500; Davidson Todd, 2 story and attic bk. dwelling, and 2 story bk. stable, cost of the work of Company of the Company of Comp rear n. side King st., 50 feet west of Cowan ave., cost \$8,500; J. C. Breckenridge, 2 story add. and bk. case dwelling, 23 Henry st., cost \$3,000.

The saw mill of W. R. Thompson, at Teeswater, Ont., was destroyed by fire recently. Loss, \$5,000; insurance, \$1,500. recently. Loss, \$5,000; insurance, \$1,500.

—R. Inche's plaining mill at Sudbury,
Ont., was burned on the 16th inst. Loss, \$3,500; insurance small.—The Oakville Tent and Tarpaulin Company's building at Oakville, Ont., was consumed by fire a few days ago. The building was owned by T. C. Hagamar, and was insured. Loss on stock and plant, \$3,500.—The steam saw mill of J. M. Ruiter, at Borne steam saw mill of J. M. Rutter, at Borme Corner, Que., wus consumed by fire recently. Loss, \$16,000; insurance, \$3,000.—Samuel Allen's carriage factory, the A. O. U. W. hall, and the residence of Donald Roblin at Ameliasburg, Ont., were destroyed by fire on the 18th inst. All the buildings were insured.—Nos. 314, 216, 216, 2nd 218 Visitation street Mon-316, 316a and 318 Visitation street, Montreal, were destroyed by fire last week. Loss, \$5,000.—A two-story residence at Lewisville, N. B., owned by George Mellish, was destroyed by fire on the 20th inst. Loss, \$1,500; insurance \$500.— Doherty's lumber, carding and grist mills at Campbellton, Ont., were totally destroyed by fire a few days ago. The loss is \$12,000; no insurance.—A number of business places at Athens, Ont., were burned last week.—Fire at Amherst, N. burned last week.—Fire at Annerst, No. 7 recently destroyed two tenement houses, two residences and the large warehouse of Rhodes, Curry & Co.—The Dominion Paper Co.'s pulp mill at Maddington Falls, Que., was destroyed by fire on the 26th inst.—The Bourd City Planing on the 26th inst.—The Royal City Planing Mills at New Westminster, B. C., were almost completely consumed by fire last week. Loss, \$100,000; insurance \$75,000.

The wholesale hardware establishment of W. H. Thorne & Co., St. John, N. B., was totally destroyed by fire recently. Loss, \$60,000; insurance, \$40,000.—The residence of John Coxey at Bedford, Que., was burned on the 22nd inst, loss partially covered by insurance.—The establishly covered by insurance.—The establishment of the Montreal Silk Mills Company was damaged by fire last week to the extent of \$40,000, covered by insurance.— St. Pierre and Gamache's foundry, shop and mill, at Bic, Que., with all their contents, were burned a few days ago. The tents, were burned a few days ago. The loss is heavy, with no insurance.—The Climax cheese factory at Tiverton, Ont., has been burned. Loss, \$5,000; insurance, \$1,500.—A portion of J. T. Huber's shoddy mills and glue works at Berlin, Ont., was destroyed by fire on Monday last, together with the machinery.

CONTRACTS AWARDED.

CHILLIWACK, B. C .- The contract for the election of the Court House has been let to Mr. A. C. Henderson, of this town. Contract price \$2,885.

JANETVILLE, ONT.—The contract for the erection of a Presbyterian church has been awarded to Mr. John Ingrim.

ELMVALE, ONT.—Mr. James Daven-port, Midland, has been awarded the contract for the two stores and residences designed by Mr. Kennedy, architect,

WINNIPEG, MAN.—The contract for the erection of two stores for Mr. F. Osenbrugge, to be built on the west side of Main street, has been let to W. L. Smith. Contract price about \$10,000.

QUEBEC, QUE.—Mr. Hogan, of this city, has obtained the contract for the construction of a branch line of the Quebec Central from Tring to Lake Megantic, a distance of fifty-three nules.

PENETANGUISHENE, ONT.-Mr. Kennedy, architect, of Barrie, has awarded the contracts for Mr. Gendron's esidence as follows: carpenter work, Mr. Tessier, Penetang.; masonry, Messrs. Kayanagh

Penetang.; masonry, Messrs. Kavanagh Bros., Tottenham; painting and glazing, Mr. A. Bowen, Barrie.

HAMILTON, ONT.—The Sewers Committee of the City Council last week awarded the following contracts: beach sand, John Freeth, 89 cents per yard; water lime, H. & J. Dow, \$1 per barrel: brick, Frid & Franning, \$6.45 per 1000; Portland cement, R. R. Gage, \$2.80 per barrel; sewer pipe, Hamilton and Toronto Sewer Pipe Co., six-inch, 14 cents;

nine-inch, 28 cents; twelve-inch 38 cents; fisteen-inch, 55 cents; eighteen-inch, 70 cents; junctions from 55 cents to \$3,

TORONTO, ONT.—The Board of Works on Monday last accepted the following on Monday last accepted the following tenders: relief sewer on St. Patrick street, Construction and Paving Co., \$6,499; pavement on King street, stone sets on concrete, Armour street to Strachan ave., John McBean, \$3,043; Davies avenue, cedar blocks, D. L. Van Vlack, \$1,113; Carr street, cedar blocks, D. L. Van Vlack, \$1,995; cast iron water mains, St. Lawrence Foundry Co., four-inch pipe, \$3.96; six-inch, \$5.60; twelve-inch, \$16.40; thirty-inch, \$72.85; 1 3-5c for extra weight. The tenders for oils were referred to the City Engineer for report.

BROCKVILLE, ONT.—The following

BROCKVILLE, ONT.—The following were the tenders received for excavating and laying pipe in connection with the and laying pipe in connection with the extension of the waterworks system to the new asylum grounds: Wm. Garson, \$2,964.50; W. G. Tompkins, \$4,279.75; Thos. Doddridge, \$4,672.25; Booth & Haggarty, \$3,367.25; J. D. Warwick, \$3,223.85; S. Armour, \$4,556.25, less ten per cent.; W. G. Tompkins, section A, \$1,111; section B, \$2,101.30; section C, \$1,429.85; W. J. McCormack, section C, \$1,429.85; W. J. McCormack, section C, \$1,125.00; T. H. Fitzgibbon, sec. A, \$933.60; sec. B, \$1,943.40; sec. C, 1,061.90; J. Jackson, sec. C, \$1,675.75; S. Armour, sec. A, \$1,023; sec. B, \$2,102.50; sec. C, \$1,307. The contract has been given to Wm. Garson. Only two tenders were received for the supply of pipe as follows: Drummond McCall Pipe Foundry Co., Montreal, 10 inch, \$29 Pipe Foundry Co., Montreal, 10 inch, \$29 per ton; specials \$40; Canada Pipe Foundry Co., Montreal, 10 inch, \$30; specials \$50. The contract was given to the first named firm.

MONTREAL, QUE. — The Laprairie Pressed Brick Co. has been awarded the Pressed Brick Co. has been awarded the contract for supplying 800,000 pressed bricks for the proposed incinerator on Gregory farm for the City of Montreal.—Messrs. Heroux, of Yamachiche, have obtained the contract for repairs and completica of the chapel of the Lachine convent, cost \$16,000.—Edward Maxwell, architect has awarded contracts for architect, has awarded contracts for alterations to St. Catherine street branch of the Molsons Bank as follows: carpenof the Molsons Bank as follows: carpenters and joiner's work, Tees & Co.; plastering, John McLean; painting and tinting, Castle & Son; plumbing, John Date.—A. C. Hutchison, architect, has awarded contracts as follows for an academy at Cote St. Antoine: masonry, W. Oman; brickwork, W. Lavers; carpenter, and joiner's work. Jas Shearer. W. Oman; brickwork, W. Lavers; carpenter and joiner's work, Jas. Shearer; roofing, Campbell & Co.; plumbing, Hughes & Stephenson; heating and ventilation, Smead, Dowd & Co.; plastering, Jas. Morrison & Son; asphalt flooring, Montreal Roofing Co.; steel beams, Dominion Bridge Co.: painting, A. Craig.—W. McLea Walbank, architect, has awarded the contract for the erection of a stable and coach house and Ice House for the St. Lawrence Yacht Club at for the St. Lawrence Yacht Club at Dorval, Que., to F. X. Demers. Also for alterations to Royal Electric Co.'s premises on Queen street to F. Rivet.

NEW COMPANIES.

SRATHROY, ONT .- Strathroy Petroleum Company, incorporated; capital stock

\$90,000.
BRIDGEWATER, N. S.-E. Davison & Sons, limited, applying for incorporation; capital \$250,000; to build saw mill, pulp

OXFORD, N. S.—Cumberland Mfg. Co., seeking incorporation; capital stock \$9, oo: to manufacture agricultural imple-

ments, furniture, etc.
CAMPBELLTOWN, N. B.—Campbellton Water Supply Co., seeking incorporation; capital stock, \$60,000; to construct a system of waterworks; incorporators, Hon. R. Thibandeau, of Montreal, and others.

Montreal, Que.—The Thomas Mc-Donald Mfg. Co., incorporated; capital stock, \$100,000.—The National Bakery, seeking incorporation; capital stock \$50,000; directors, Alfred Brunet, Lucien Huot, Simeon Lesage and four others.

BUSINESS NOTES.

Brosseau & Comte, contractors, Montreal, have dissolved partnership.

Antoine Proulx and Wilfrid Mongean have formed a partnership as contractors in Montreal.

John Creed and Arthur Small, Montreal, have registered as plumbers, under the style of John Creed & Co.

Mr. F. H. Herbert, architect, Toronto, has removed from the Yonge street arcade to the City and County Loan Building, 32 Oueen street east.

W. A. Freeman, dealer in builders' supplies, Hamilton, has made an assignment. It is said the liabilities will be in the neighborhood of \$100,000, and the assets comparitively smaller.

MUNIGIPAL DEPARTMENT.

RESTRICTION OF PUBLIC WORK TO LOCAL CONTRACTORS.

THERE can be found frequent issues of local papers in different portions of the country notices of the actions of public bodies which restrict the performance of public work to local contractors or to contractors who agree or stipulate to employ local labor. These proceedings are certainly not rate, and they sometimes take place where one would scarcely expect to find them although them. find them, although they are chiefly confined to comparatively small places. It is surely commendable for any city or town to show a disposition to take care of town to show a disposition to take care of its own, but it is at least equally commendable to do it in a business-like way. In the first place, public officials are intrusted with the discharge of certain functions in such a way as to advance in the highest degree possible the interests of the public which they serve, and the surest way to negative such desirable results is to award public contracts to favor-ed contractors or under restricted competition, which means practically no competition at all.

Again, the increased price paid for Again, the increased price paid for public work under the circumstances described inevitably will be accompanied by a deterioration in the quality of the work done. Competition is no bane to any good business or business man, but is ruthlessly severe on the laggard and the indifferent. It is just as clearly a principle which results from experience in ciple which results from experience in business connected with engineering as from mercantile business, while it also leads to reduced costs and improved quality of product.

These advantages are precisely what the smaller places of the country need, even more than large cities, but when they restrict the supply or construction of public works to local parties, they deof public works to local parties, they de-liberately exclude themselves from the fruits of good business management under the short-sighted and miserably unwise, but specious, plea of benefitting home in-dustry. Some one home industry may be temporarily benefitted, but all the rest of the community suffers, and in the end that condition will benefit absolutely no

one. Small cities and towns need to-utilize every available means at their command for the installation or construction of public works; nothing else will so rapidly attract population and business and thus benefit the entire community, and no sham or pettifogging plen of bene-fitting local parties should be allowed either directly or indirectly to cripple public prosperity.—Engineering Record.

E. D. MORRIS

Direct Importer and Dealer in

Best English and Canadian

PORTLAND CEMENTS

Vitrified, Paving and Fire Bricks, Fire Clay, &c.

Offices: 36 Victoria St. - TORONTO

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

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

J. M. McCarthy, B. A. S. C. A. M. CAN. SOC. C.B.

SHANLY & McCARTHY,
CIVIL ENGINEERS.
STANDARD BUILDING MONTREAL.

Bridges, Waterworks, Sewernge, Railways, &c.

WILLIS CHIPMAN, B. A. Sc., M. Can. Soc. C.E.; M. Am. Soc. C. E.; M. Am. W. W. Ass'n.

CIVIL AND SANITARY ENGINEER Sewage Disposal

103 BAY STREET - T TORONTO.

J. McDOUGALL, C. E., ENGINEER COUNTY OF YORK,

Consulting Engineer for Municipal Work.

Electric Railways and Bridges. COURT HOUSE, - TORONTO.

JOHN GALT

C. E. AND M. E., M. CAN. SOC. C. E., Consulting Engineer.

20 Years' Practical Experience in England, United States and Canada in Civil, Sanitary, Hydraulic, and Mechanical Engineering.

SPECIALTIES:
WATERWORKS, SEWERAGE, ELECTRIC RAILWAYS.

Office: Rooms 99 and 100.
CANADA LIFE BUILDING. - TORONTO.

ALAN MAGDUUGALI

M. Can. Soc. C.E. M. Inst. C.E.

CONSULTING CIVIL, SANITARY AND HYDRAULIC ENGINEER

82 East Adelaide St. -

TORONTO

NOTE .- Mr. Alan Macdougall is NOT the engineer for the County of York.

ISAAC USHER & SON, THOROLD, ONT.

Manufacturers of QUEENSTON CEMENT

Proved by Government tests to be the best Canadian natural cement. Write for prices, &c.

High in quality Always fresh Always reliable

such is our well-known

Thorold Cement.

Endorsed and used by the leading

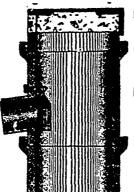
Architects Engineers **Builders** and Contractors.

> Estate of John Battle THOROLD, ONTARIO.

> > THE "IMPROVED"

GEORGE GULLEY

OR STREET DRAINING WELL



PATENTED 1885 AND 1893.

Made of cast iron ...and... vitrified tile.

OVER 6,000 NOW ..IN USE..

Not ONE complaint.

For further par-ticulars, apply

LEWIS SKAIFE, Manager 707 New York Life Bldg. MONTREAL.

BEST AND CHEAPEST IN TORONTO JOSSON, PETERS and BURHAM Brands for highest class work.

DRTLAND

WHITE HORSE, R. W., IMPERIAL, &C., FROM \$2.00 PER BARREL.

A. E. S. Smythe & Co., 25 George St., Toronto. Telephone 1948 or call and see us.

AMERICAN ROAD MACHINE CO.



MANUPACTURERS OF THE CHAMPION ROAD MACHINES CHAMPION ROCK CRUSHER CHAMPION STEEL ROAD ROLLER

Catalogues Free. Correspondence Solicited Address: 124 York St., - HAMILTON, ONT.

ANADA PIPE AND FOUNDRY CO....

Cast Iron Pipes and Special Castings

Works: MONTREAL AND ST. HENRI, QUE.

CORRESPONDENCE SOLICITED.

McCall Pipe Foundry Company,

Works: Lachine, Que.

PRICES ON APPLICATION.

OF ET. JOHNS, P, Q., (LIM.)



Manufacturers of

Salt-Glazed Vitrified

SEWER

Double Strength Railway Cul-vert Pipes, Inverts, Vents, GOODS.

TORONTO SEWER PIPE CO.



- FOR-SEWERS,

> **CULYERTS.** AND

WATER PIPES.

INVERTS Pire Brick Sewers

Write for Discounts.

HEAD OFFICE AND FACTORY: HAMILTON, CANADA.

UNICIPAL **OFFICIALS**

should see to it that in the erection of town and city PUBLIC BUILD-INGS, the installation of water works plant, etc., the advantages of . . .

MINERAL WOOL



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

Montreal Agent: GEO. A. COWAN, Room 23, 204 St. James St.

CANADIAN MINERAL WOOL GO., Limited, 122 Bay Street, Toronto. GEC. R. THOMPSON & CO., Agents, Winnipeg, Man.

STEVENS & BURNS

London, Ont.

To Municipal Corporations and Contractors:

... WE MANUFACTURE ...

Hydrants, Valves, Valve Boxes

and Water Works Supplies generally,

INCLUDING

Tools for tapping mains under pressure

and Service Brass Work of all descriptions.

THE G. & J. BROWN MFG. CO.

Railway and Contractors' Plant.

BELLEVILLE, ONT.

Toronto. Montreal.

CENTRAL BRIDGE AND - -- - ENGINEERING COMPANY,

(LIMITED) Peterborough, Ont.

WM. H. LAW, Manager and Engineer. MANUFACTURER OF

RAILWAY AND HIGHWAY BRIDGES

Viaducts, Piers, Roofs, Turntables and Girders in Steel and Iron.

Tension members forged without welds. Riveting done by hydraulic or compressed air machines. Specialties: Good workmanship and strict adherence to specifications and drawings.

CAPACITY: 2,000 TONS PER ANNUM.

D. BAER & GO.

. Bear Patent . .

COMBINATION - BRIDGE DOON, ONI.

All communications promptly answered.

Fire Bricks and Cement

DRAIN AND WATER PIPES SANITARY EARTHENWARE LONDON PORTLAND CEMENT GUARANTEED GENUINE.

Paving and Scoria Bricks for Stables, Sidewalks, Yards, etc. Large quantities on hand and to arrive. We handle only the best quality. Prices lower than ever.

F. HYDE & CO.

THE "GRANTRYX" SMOKE TEST AND DISINFECTING MACHINE.

Municipal Officers, Contractors and others are requested to mention the CONTRACT RECORD when corresponding with advertisers.

Prices of Building Materials.

CONDITION OF THE MARKET.

A slight but steady improvement is noted in some lines of builders supplies, although taken as a whole it must be said that the market remains quiet, with no special features to report. Builders hardware is nowing freely, as is the case with plumbers' supplies. In the cement market, the demand has fallen off to some extent, orders being received principally for small lots to fill actual requirements. The arrivals for the past week were 6,100 casks of English and 5,000 Belgian, as against 26,050 casks of English and 5,425 Belgian, as against 26,050 casks of English and for the earth of the same time last year. The demand for firebrack continues good. The arrivals so far this season have been 264,000.

LUMBER.

CAR OR CARGO LOTS.

	Toronto.		
	\$ <u>\$</u>	\$	Ş
1 to 2 clear picks. Am ins		40 000	
13/ to 2 three uppers, Am ins.		40 ∞	
11/2 to 2, pickings, Amins	. 26∞	27 00	
t inch clear	•	52 50	დ თ
3 x 10 and 12 dressing and	1	_	
i better	20 00 23 00	18 co	20 00
1 x 10 and 12 mill run	.16∞ 17∞		19 00
I x 10 and 12 dressing	20 00 22 00		1800
I x 10 and 12 common	.13 00 14 00	800	10 00
I x 10 and 12 spruce culls	.10 00 11 00	1000	11 00
x x 10 and 12 culls	000 1000		9 ∞
z inch clear and picks	28 00 32∞	33.00	3500
z inch dressing and better		18 00	20 00
I inch siding, mill run		14 00	16 ∞
z inch siding, common		12 00	14 00
1 inch siding, ship culls		10 00	11 00
₹ inch siding, mill culls	900 1000	300	∞
Cult nelin-	. 400 1000 co 000	800	
Cull scantling	. 000 9.2	<i>a</i> 00	9 ∞
plank	.24 00 25 00	22 00	3i 00
z inch strips, 4 in to E in. mil			
tun		14 00	15 00
z inch strips, common	11 00 12 00	11 00	15 CO
1% inch flooring		14 CO	15 00
XXX shingles, saw, per M	160) 170)	14 00	16 os
16 in	2 40 2 fo	2 60	2 60
XX shingles, sawn		1 63	1 70
Lath			- ,-
VAID QUO	TATIONS.		
Mill cull boards and scantling Shipping cull boards, pro-	: j 10 00		10 00
miscuous widths			23 ∞
Shipping cull boards, stock			16 ∞
Hemlock scantling and jois	t		
up to 15 ft	.1100 1200 .t		10 00
up to 18 ft	.12 00 - 300	12 00	13 (0
Hemlock scantling and jois		** **	
Cedar for block paving, per	.13∞ 1400	13 ∞	14 60
cord			5∞

Cedar for Kerbing, 4 x 14,	14 00	14 00	Terra Cotta Tile, per Ornamental Black Slate
Scantling and jo'st, up to 16 ft	14 ∞ 15 ∞	14 CO 15 CO	ing
" " 2 · It	16.0	ó co	PAIN
" 24 ft	17 00 19 00	19 (0	White lead, Can., per zinc, Can., u Red lead, Eng
" " ad ft	22 OO	21 00 23 00	Red lead, Eng " venetian, per 100
" " 10 ft " " 32 ft	14 00 27 00	25 00 27 00	vermillion
" 4 ft	29 50 31 00	29 50 31 00	Yellow ochre
" 38 ft	33 00	23 00	Yellow chrome Green, chrome
Cutting up planks, 114 and	34 00	3610	Paris Black lamp
Cutting up planks, 11/2 and	28 00	25 00 26 00	blue, ultrumarine
thicker, board 18 oc	24 00	1800 2200	Oil, linseed, raw, & Im boiled refined,
1 % in flooring, dressed, F M.26 oc	3000	28 00 31 00	Puttv
134 inch flooring, rough, B M. 18 oc 134 " dressed, F M. 25 oo	28 00	18 00 22 00 27 00 30 00	Whiting, dry, per 100 l Paris white, Eng., dry
11/4 undressed, B.M.18 00	19 00	18 00 19 00	Litharge, Am Sienna, burnt
1½ " undressed 12 oc	15 00	12 00 15 00 22 00 35 00	Umber, "
Beaded sheeting, dressed20 oc Clapboarding, dressed XXX sawn shingles, per M	12 00	12 00	Cement, Portland, per
18 in 2 00	2 70	3 00	" English
Sawnlath 2 50 Cedar	2 60	250 260 290	Thorold,
White	45 00	30 00 40 00 35 00 45 00	" Queenston, " Napance,
Basswood, No. 1 and 228 oo	30 00	18 00 20 00 70 00 80 00	" Hull, " German
White ash, No. 1 and 224 00	35 00	30 00 35 00	ii London ii Newcastle
Black ash, No. 1 and 220 00 Dressing stocks	22 CO	18 00 30 00 16 00 22 00	u Belgian
Picks, American inspection Three uppers, Am. inspection	30 00 50 00	40 00 50 00	14 Roman
BRICK-W			Parian u Superfine
Common Walling	6 50 8 ∞	6 00 8 50	Keene's Coarse "White Calcined plaster, per b
Sewer 85	0 8 00	8 50 900	Fire Bricks, Newcastle, Scotch
Plain brick, f. o. b. at Milton	16 00		Lime, Per Barrel, Grey
" " 2nd quality	14 00 9 00		Plaster, Calcined, N. I
Mara Bullang	6 50		Hair, Plasterers', per
Moulded and Ornamental, per 100	10 00		HA
Diamond locking the	24 0⊃		Cut nails, 51 d & 6cd, p
Red "A" f. o. b. Don Valley Red "B" " " " Red "C" " " "	18 ∞	25 00	CUT NAILS, FI
Red "B" " " " " " " " " " " " " " " " " "	16 00	20 00 17 00	40d, hot cut, per to 1b
Trojan and Corinthian	21 00 22 00	28 00 29 00	20d, 16d and 12d, hot of
Athenian and Egyptian	25 ∞	31 ∞	
Sicilian	35 00 40 00	41 00 45 00	רואד
RomanCarthaginian	35 ∞ 40 ∞	40 00 45 00	IND
Ornamental 30 00			
		_	
1st quality, f o b. at Port Credit	14 00 12 00	28 00 15 00	Architects.
1st quality, fo b. at Port Credit 2nd """ 1rd """" Hard building brick	14 00 12 00 8 00	28 00	Ontario Directory I
ast quality, fo b. at Port Credit and """" and """"""""""""""""""""""""""""""""""""	14 00 12 00	28 00 15 00	Ontario DirectoryI Queoec Directory
1st quality, fo b. at Port Credit 2nd "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00	18 00 15 00 12 00	Ontario DirectoryI Queoec Directory Architectural Sculptors and Carvers
1st quality, fo b. at Port Credit 2nd "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50	28 00 15 00	Ontario Directory I Queocc Directory Architectural Scul tors and Carrers Carnovsky, B. H Holbrook & Molling.
st quality, fo b. at Port Credit and "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00	18 00 15 00 12 00	Ontario Directory I Queocc Directory Architectural Scul tors and Carrers Carnovsky, B. H Holbrook & Molling.
st quality, fo b. at Port Credit and "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00	18 00 15 00 12 00	Ontario Directory I Queocc Directory Architectural Scul- tors and Carrers Carnovsky, B. H! Holbrook & Molling- ton
st quality, fo b. at Port Credit and "" " " rd " " " " Hard building brick	14 00 12 00 8 00 6 50 1 10 00	18 00 15 00 12 00 1 25 14 00 18 00	Ontario DirectoryI Queoce Directory Architectural Scul, tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro
st quality, fo b. at Port Credit and "" " " rd " " " " Hard building brick	14 00 12 00 8 00 6 50 10 00	18 00 15 00 12 00 12 00	Ontario Directory I Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co.
st quality, fo b. at Port Credit and "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 1 10 00	18 00 15 00 12 00 1 25 14 00 18 00	Ontario Directory I Queoce Directory Architectural Scul tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co
st quality, fo b. at Port Credit and "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 1 25 14 00 18 00 50	18 00 15 00 12 00 1 25 1 4 00 18 00 50	Ontario DirectoryI Queoce Directory Architectural Scul tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co Dominion Ornamental Iron Co Döminion Bridge Co. Meadows, Geo. B
st quality, fo b. at Port Credit and """ Hard building brick	14 00 12 00 8 00 6 50 1 10 00 1 25 14 00 18 00 50	18 00 15 00 12 00 1 25 14 00 18 00	Ontario DirectoryI Queoce Directory Architectural Scul tors and Careers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo.B Whitfield, John
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 1 25 14 00 18 00 50	18 00 15 00 12 00 1 25 14 00 18 00 50	Ontario DirectoryI Queoce Directory Architectural Scul, tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Dominion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Carnovsky, B. H
st quality, fo b. at Port Credit and "" " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 1 25 14 00 18 00 50	18 00 15 00 12 00 1 25 1 4 00 18 00 50	Ontario DirectoryI Queoce Directory Architectural Scul, tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Dominion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Carnovsky, B. H
st quality, fo b. at Port Credit and "" "" Hard building brick	14 00 8 00 6 50 10 00 1 25 14 00 18 00 50 1 00	18 00 15 00 12 00 1 25 14 00 18 00 50	Ontario Directory I Queoce Directory Architectural Scul tors and Careers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Döminion Bridge Co. Meadows, Geo. B Whitfield, John Art Woodwork.
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 1 25 14 00 18 00 50	18 00 15 00 12 00 1 25 1 4 00 18 00 50	Ontario Directory I Queoce Directory Architectural Scul tors and Careers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Döminion Bridge Co. Meadows, Geo. B Whitfield, John Art Woodwork. Camovsky, B. H Knechtel, S. Otterville Mig. Co
st quality, fo b. at Port Credit and """ Hard building brick	14 00 8 00 6 50 10 00 1 25 14 00 18 00 50 1 00	18 00 15 00 12 00 1 25 1 4 00 18 00 50	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Döminion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Otterville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed
st quality, fo b. at Port Credit and "" "" Hard building brick	14 00 8 00 6 50 10 00 1 25 14 00 18 00 50 1 00	18 00 15 00 12 00 1 25 1 4 00 18 00 50	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Döminion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Otterville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed
st quality, fo b. at Port Credit and """ Hard building brick	14 00 8 00 6 50 10 00 125 14 00 18 00 50 1 00 1 00 1 00 1 1 00 1 00	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scul tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Dōminion Bridge Co. Dōminion Bridge Co. Meadows, Geo. B. Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Voterville Mfg. Co Wagner, Zeidler & Co Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed Brick & Terra Cotta
st quality, fo b. at Port Credit and """ Hard building brick	14 00 8 00 6 50 10 00 125 14 00 18 00 50 1 00 18 00 50 1 00 1 00 1 00 1 00 1 00 1 00 1 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 8:	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co. Dominion Ornamental Iron Co. Meadows, Geo. B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Outerville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 125 14 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 18 00 50 10 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Britectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo. B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Wagner, Zeidler & Co Wagner, Zeidler & Co Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed Brick & Terra Cotta Co Taylor Bros Builders' Supplies
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 8 00 6 50 10 00 1 25 14 00 18 00 50 1 00 1 00 1 00 1 00 1 00 1 00 1 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 8:	Ontario DirectoryI Queoce Directory Architectural Scul, tors and Carvers Carnovsky, B. H Holbrook & Molling. ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo.B Whitheld, John Art Woodwork. Camovsky, B. H Knechtel, S Otterville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed Brick & Terra Cotta Co Taylor Bros Builders' Supplies
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 8 00 6 50 10 00 1 25 14 00 18 00 50 1 00 1 00 1 00 1 00 1 00 1 00 1 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scull tors and Careers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co. Dominion Ornamental Iron Co. Meadows, Geo. B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Outerville Mfg. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed Brick & Terra Cotta Co Taylor Bros Builders' Supplie. Bremner, Alex. Currie & Co., W& F.P. Maguire Bros
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 12 5 14 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 18 00 50 1 00 1 00 1 00 1 00 1 00 1 00 1 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scull tors and Careers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo. B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick & Terra Cotta Co Taylor Bros Builders' Supplie Bremner, Alex. Currie & Co., W & F P. Maguire Bros Moris, E. D Moris, E. W Miller & M Mille
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 125 14 00 18 00 50 1 00 1 00 1 00 1 00 1 00 1 00 1 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co.: Dominion Ornamental Iron Co Dōminion Ornamental Iron Co Dōminion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Camovsky, B. H Knechtel, S Otterville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Terra Cotta Co Taylor Bros Builders' Supplie. Brenner, Alex. Currie & Co., W& F.P. Maguire Bros Rove, Geo Rove, Geo I Toronto Lock Co Rove, Geo I Toronto Lock Co I Toronto Lock Co
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 8 00 6 50 10 00 1 25 14 00 18 00 1	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80	Ontario DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. H Holbrook & Molling- ton Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Dōminion Ornamental Iron Co Medows, Geo.B Whitfield, John Art Woodwork. Camovsky, B. H Knechtel, S Otterville Mig. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Terra Cotta Co Taylor Bros Builders' Supplie Brenner, Alex. Currie & Co., W & F P. Maguire Bros Rowe, Geo I Toronto Lock Co Voles Hardware Co
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 8 00 6 50 10 00 125 14 00 18 00 10 0	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 25 70 80 75 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryArchitectural Scull tors and Carvers Carnovsky, B. HI Holbrook & Molling. ton
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 12 15 14 00 18 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 20 70 80 75 8: 2 15 75 14 00 14 50	Ontario DirectoryI Queoce DirectoryArchitectural Scull tors and Carvers Carnovsky, B. HI Holbrook & Molling. ton
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 10 00 14 00 18 00 10 00	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryI Queoce DirectoryI Queoce DirectoryI Architectural Scull tors and Carvers Carnovsky, B. HI Holbrook & Molling. Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo. B Whitfield, John Art Woodwork. Carnovsky, B. H Knechtel, S Otterville Mfg. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Co Bricks Terra Cotta Co Taylor Bros Builders' Supplies Bremner, Alex. Currie & Co., W & F. P. Maguire Bros Moris, E. D Builders' Supplies Bremner, Alex. Currie & Co., W & F. P. Maguire Bros Moris, E. D Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Currie & Co., W & F. P. Maguire Bros Carroll, Vick & Co Builders' Hard- teare
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 8 00 6 50 10 00 1 25 14 00 18 00 1 00 1 00 1 00 1 00 1 00 1 00	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryI Queoce DirectoryI Architectural Scul, tors and Carvers Carnovsky, B. HI Holbrook & Molling. Wagner, Zeidler & Co
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 10 00 14 00 18 00 10 00	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryI Queoce DirectoryI Architectural Scul, tors and Carvers Carnovsky, B. HI Holbrook & Molling. ton
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 12 10 14 00 18 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryI Queoce DirectoryI Architectural Scul, tors and Carvers Carnovsky, B. HI Holbrook & Molling. Wagner, Zeidler & Co
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 12 15 14 00 18 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario Directory
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 12 15 14 00 18 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario DirectoryI Queoce DirectoryI Queoce Directory Architectural Scull tors and Carvers Carnovsky, B. HI Holbrook & Molling. Wagner, Zeidler & Co Architectural Iro Work. B. Greening Wire Co. Dominion Ornamental Iron Co Deminion Bridge Co. Meadows, Geo.B Whitfield, John Art Woodwork. Camovsky, B. H Knechtel, S Otterville Mfg. Co Wagner, Zeidler & Co. Bricks (Pressed) Beamsville Pressed Brick Co Morris, E. D Port Credit Pressed Brick & Terra Cotta Co Taylor Bros Builders' Supplies Bremner, Alex. Currie & Co., W & F P. Maguire Bros Currie & Co., W & F P. Maguire Bros Currie & Co., W & F P. Maguire Bros Currie & Co., W & F P. Morris, E. D Currie & Co., W & F P. Maguire Bros Currie & Co., W & F P. Maguire Bros Currie & Co., W & F P. Toronto Lock Co Voles Hardware Co., w Builders' Hardware Care. Rice Lewis & Son Toronto Lock Co Vokes Hardware Co., w Creosote Stains Cabot, Samuel
st quality, fo b. at Port Credit and " " " " " " " " " " " " " " " " " " "	14 00 12 00 18 00 10 00 12 15 14 00 18 00 10	18 00 15 00 12 00 1 25 14 00 18 00 50 65 75 1 05 70 80 75 80 75 80 75 80	Ontario Directory

Roching (# square).

7	'oronto.	Mont	real.					Toronto.	Montreal.
Terra Cotta Tile, per sq Ornamental Black Slate Roof-	53 00			rod, he	o: cet, per		bs		
ing	8 00			8d, 9d, 6d, 7d,		44	• • • •		
				4d to 5	d, !! !!	**		1.	40 60
PAINTS. (II	e oil, 🛡 lb.			3d,	-' 11 14 11 14	**	••••		1 00
White lead, Can., per 100 lbs.	625 650	6 00	6 25	2d,	d cold cut		11:11:4	1 50	1 50
Red lead, Eng	6 50 7 50	, 750		or bl	ued. per	reo lbs	71131160	50	50
" venetian, per 100 lbs	5½ 6½ 160 175	1 60	175	3d to 50	ued, per i cold cut	not po	lished		3.
" vermillion	90 100	90	100	or bl	ued, per i	too Iba		90	90
" Indian, Eng	10 13	10	12		11	LINE	BLUE	D NAILS.	
Yellow ochre	5 10 15 20	.4	30 6	3d, per	rco lps.		••••	1 50 2 00	
Green, chrome	7 12	15 7	12	,	• • •				TOBACCO BOX
" Paris	2 40	20	20	CASING	NUD DOX	t, F1.0t	ILAK ILAK		TOBACCO BOX
Black lamp	15 15			12d to	30d, per 1	oo lbs			, 50
Blue, ultramarine	15 20 65 68		18 65	rod.	**	:: ,	•••••	. 60	60
Oil, lineced, raw, & Imp. g.sl.	68 71	63 66	68	ed and one bo	yu,		•••••		75 90
" refined, "	78 85	. 75	275	4d to 5	d. "	**	· · · · · · · ·	1 (0	
Putty	23/4 23/		2/3	3d,	-, ,,		• • • • •	1 50	1 50
Whiting, dry, per 100 lbs Paris white, Eng., dry	75 I 00 90 I 25	6o 9∍	75 1 10			FIN	ISILING	NAILS.	•-
Litharge, Am	61/2 8	63		3 2½ to:	.3/ INCH	per so	χο ips	. 85 100	85 1 ∞
Sienna, burnt	15 20	12	15	2 10 2	(· · · · ·		14		1 15
Umber, "	83/ 12	12	15	13/2 10	134 "	66	16	35	1 35
GEMENT, LI	ME, etc.			23%	4	46	"	¥ 75	z 75
Cement, Portland, per bbl	2 25		3 50	1			-	2 25	2 25
" English "	2 50	2 05	2 15	ed ner	roo live	SL	TING.	NAILS. 85	85
" Belgium " " Thorold, "	3 50	1 90	2 00		too lbs	· • • • • • •	••••	85	
" Queenston, "	1 51			3d, "				1 25	1 25
n Napanee, n	1 50			2d, "		• • • • • •	•••••	I 75	1 50
" Hull, "	1 50					036340	N BAR	REL NAILS.	
German	3 25 2 75	2 65 2 45	2 85 2 90	ı inch,	per 100 l	bs	•••••	1 50	1 50
" Newcastle "	2 50	2 35	2 50	34 "		• • • •	• • • • • •	1 75 2 25	75 2 25
u Belgian "	2 30	233	3 40	74				-	+ +3
ii Canadian	2 30	2 25	2 30		inch	ı, per I		NAILS	85
ir Koman	450 471	4 10	2 75 4 75	⅓ and	21/2 "	"	•••	1 00	100
u Superfine "	5 to 2 m	6 50	700	2 and 2	X	"	"	I 15	1 15
Keene's Coarse "Whites"	4 50 4 75	4 50	4 75	2 1/2 and	11%		**	1 35	1 35 2 00
Calcined plaster, per barrel Fire Bricks, Newcastle,per M 2		1 55	1 70	174			44	250	3 20
	300 ;000		30 CO	-	SHARI	PAND	FLAT I	PRESSED NAII	-
Lime, Per Barrel, Grey	40	*	J	,		DeF 1		¥ 35	z 35
Plaster, Calcined, N. B	55			23/3 and	131/4 "	••	•••	1 50	x 50
" " N. S	2 00 2 00			2 and 2	<i>y</i> "	**	"	z 65	1 65
Hair, Plasterers', per bag	80 100			1 1/2 and	11% ;;		**	1 85 2 50	1 85 2 50
HARDWA	1 D T			1%	41	**	44	300	300
Cut nails, 51 d & 60d, per keg	2 40			-		Stru	ctura	l Iron:	3
Steel " " "	2 50		2 25 2 35	Stee	eams, per			2 75	2 50
CUT NAILS, FENCE AN	D CUT SPIK	ES.	- 33	" c	hannels.	**	•••••	2 85	2 60
40d, hot cut, per to lbs	. 5		5	44 n	ngles,	"	•••••	2 50	2 30
30d, 16d and 12d, hot cut, per	10		10	" to	es, lates,		••••	2 80 2 55	2 05 2 35
100 lbs	15		15	Sheare	d steel bri		ate	2 25 2 25	2 35
						۰۰۲۰			
INDEX	TO				-			_)

	n the "Canadian A	rchitect and Builder
Architects.	Cements.	Hydraulic Engines
Ontario Directory III	Bremner, Alex iv	
Queoec Directory is	Bremner, Alex iv Currie&Co, W.&F P xii Estate of John Battle iv	Guest & Co ix
Architectural Sculp-	Estate of John Battle iv	Heating.
tors and Carvers.	Alagune Br. S i	Clare Bros. & Co xi
	Morris, E. D vi	McClary Mfg. Co xi Gumev Foundry Co vii King & Son, Warden xi Toronto Radiator Mfg
Carnovsky, B. H IV Holbrook & Molling-	Vokes Hardware Co., viii	King & Son, Warden, xi
	Church Reflectors	Toronto Rudiator Mfg
Wagner, Zeidler &		Co iti
Co	Frink, I. P 11	Time
	Contractors' Plant	Lime. Carrie & Co. W & F P. xii
Architectural Iron-	and Machinery	Morris, E. D vi
Fork.	Rice Lewis & Son IV	Legal.
B. Greening Wire Co. xii	Rowe, GeoIII	Denion & Dods II
Dominion Ornamental		Denton & Dods II Morgan, Godfrey St V II
Iron Co vi Dominion Bridge Co. 1	Cut Stone Con-	Mantels
Meadows, Geo.B ii	tractors.	Bostwick, Geo. F II
Whitfield, John I	Isaac Bros II	
· -	Oakley & Holmes II	Metallic Lath.
Art Woodwork.	Old to the original to the	Bostwick Metal Lath
Camovsky, B. H IV	Chimney Topping.	Co III B. Greening Wire Co. xii Metallic Roofing Co vii
Knechtel, 5vili	Bremner, Alex iv	Matallic Roofing Co. xii
Otterville Mfg. Co vii Wagner, Zeidler & Co. IV	Currie&Co.,W &F.P. xii	
wagner, Zeigler & Co. 1v	Drain Pipe	Mortar Colors and
Bricks (Pressed).	Bramper Alex 1V	Skingle Stains.
Beamsville Pressed	Bremner, Alex IV Currie & Co., W&F.P. xii Hamilton and Toronto Sewer Pipe Co xi Maguire Bros	Cabot Samuel, iv
Rrick Co. ix	Hamilton and Toronto	Maguire Bros i Muirhead, Andrew i
Brick Co ix Morris, E. D vi Port Credit Pressed	Sewer Pipe Co xi	
Port Credit Pressed	Maguire Bros i	Ornamental Plas-
Brick & Terra Cotta	orgundate totain Libe	terers.
_ Co ix	"Co II	Baker, J. D vi Hynes, W J i
Taylor Bros ix	Vokes Hardware Co., viii	riynes, w J
Builders' Supplies.	Drawing Inks	Paints & Varnishes.
Bremner Alex iv	Higgins & Co., C. M. ii	Harris Co., The E vi
Bremner, Alex. iv Currie & Ca, W & F P. xii	• •	Harris Co., The E vi Muirhead, Andrew i
Maguire Bros i	Dumb Watters	Painters.
Maguire Brosi Morris, E. Dviii	King & Son, Warden x	Delage, Theo ii Gilmor & Casey II
VICE TEMB & DOB I A	Electric and Gas	Gilmor & Casey 11
Rowe, Geo 111	Fixtures	
Foronto Lock Co	Barwell, James 1V	Paring. The Guelich Silica
Voles Hardware Co., viii		Barytic Stone Co IV
Building Stone	Elevators	Plasterers
Dealers.	Fensom, John II Leitch & Turnbull I	Hynes, W. J vii
Carroll, Vick & Co viii	Leitch & Turnbull I	
Builders' Hard-	Y2	Plumbing Supplies
teare.	Engrarers.	Barwell, James IV
Rice Lewis & Son IV	Can. Photo-Eng Bu-	Possesi Co
Toronto Lock Co i	reau iv	Dominion Sanitary Pottery Co x Sanitas Mg. Co II
Vokes Hardware Coviii	Fire Brick and Clay	Toronto Steel Clad Bath
Creosote Stains		& Metal Co vii
Cabot, Samuel iv	Bremner, Alex iv	McRae & Co II
	Currie& Co.W &F P. xii	Plate Glass
Cedar Shingles	Morris, E. D vi Standard Drain Pipe	Harris Co., The E vi
McRae & Co II	CoII	Hobbs Mfz. Co v
		Hobbs Mfg. Co v . McCausland & Son iv
Church and School	Galvanized Iron	The Consolidated Plate
Furniture.	Workers. Tucker & Dillon I	Glass Co ii
Bostwick, Geo. F II Can. Office & School	rucker & Dillon 1	
Furniture Co ix	Grates and Tiles.	Parquetry Floors Elliott & Son I
Office Specialty Co.	Bostwick, G. F H	Tees & Cov
Snider, I. B.	Holbrook&Mollington	Plumbers
Snider, J. B ix Tees & Co vi	Rice Lewis & SonIV	Ballantyne, Jámes ii
		•

illde	r.''
ix xi	Rhofing Materials Merchant & Co ii Metallic Roofing Co vii Warren Chemical & Mfg. Co I
vii xi iii	Roofers Douglas Bros II Duthie & Sons, G If Hutson, W. D II Metallic Roofing Co vii Rennie & Son, R II Stewart, W. T II
. vi , II , II	Williams & Co., H II Warren Chemical & Mfg. Co II Reproduction of Drawings
III xii vii	New Color Process Co. vii Sanitary Appliances Dominion Sanitary Pottery Co
. i . i .g.	Shingle Stains Cabot, Samuel iv Stiding Blinds Lea & Seaman II
ics. vi	Stained and Decorative Glass Castle & Son
IV vii les IV	Grimson, G. & J. E v Hobbs Mfg. Co v Horwood & Sons, H. v McCausland & Son iv Longhurs', H v Quesnel, Sharpe & Co. v Ramsay & Son, A v Spence & Son, J. C v
X II uth vii II	Temperature Ragulator Teronto Radiator Co. v Terra Cotta The Raritan Hollow & Porous Brick Co vi
vi v iv	Wall Paper and Coiling Decorations Elliott & Son

Stewart, W. T Williams & Co., H Warren Chemical &	
Drawings New Color Process Co.	
Sanitary Appli-	***
Dominion Sanitary Pottery Co	X II II h vii
Shingle Stains Cabot, Samuel	iv
Sliding Blinds Lea & Seaman	11
Stained and Decor	a-
Const. P. Co.	v v
Dominion Glass Co Drake, W Elliott & Son Gilson Bros. Stained Glass Works Grimson, G. & J. E	Ĭ
Glass Works Grimson, G. & L. E	'¥ V
Hobbs Mfg. Co Horwood & Sons, H.	Ÿ
McCausland & Son	17
Longburs, H Quesnel, Sharpe & Co.	Y
Ramsay & Son, A Spence & Son, J. C	۷ ۷
Temperature Regulator	£
Terento Radiator Co.	V
Terra Cotta The Raritan Hollow & Porous Brick Co	vi
Wall Paper and Colling Decoration Elliott & Son	1.8
WireManufacture B. Greening Wire Co.: Meadows, Geo. B	zii

Wall Plaster Novell & Co. B. L... vi

Wall Tio