Technical and Bibliographic Notes / Notes techniques et bibliographiques

copy may of th signi	Institute has atte available for film be bibliographicate images in the reficantly change the ked below.	ning. Featu ally unique, eproduction	res of this which may n, or which	copy which alter any may			lui a exem biblic repro	été po plaire ograph duite, la mét	micro ssible (qui so ique, d ou qu hode r	de se nt pe qui pe i peu	procu ut-êti euven ivent	urer. I re unic t <i>mod</i> exiger	Les dé ques d lifier u une r	tails du poi une im nodif	de cet nt de v nage ication	vue
	Coloured covers Couverture de c	-							red pa de cou	_						
	Covers damaged Couverture endo						1 1/1	_	damag endon	•	ées					
	Covers restored Couverture resta						1 1	_	restore restau							
	Cover title missi Le titre de couv	•	dne				1 / 1		discolo décolo							
	Coloured maps/ Cartes géograph		uleur				1 /1	_	detach détach							
	Coloured ink (i.e Encre de couleu						1 1/1		throug parence							
	Coloured plates Planches et/ou il						1./ 1		y of pa				on			
	Bound with othe Relie avec d'auti								nuous (Ition c			/				
	Tight binding ma along interior ma La reliure serrée distorsion le long	argin/ peut causer	r de l'ombre	e ou de la				Comp	les inderend un	n (de: der ta	s) ind ken f	rom:/				
	Blank leaves add within the text. been omitted fro II se peut que cer	Whenever pom filming/	oossible, th	ese have		[<u> </u>	Title p	e de l'o page of le titre	issue	:/		•			
	lors d'une restau mais, lorsque cel pas été filmées.	ration appa	raissent dar	ns le texte,				•	n of is le dépa		la liv	raison	1			
						[- 1	Masth Généri	ead/ ique (p	ériod	iques) de la	a livra	ison		
1	Additional comm Commentaires su		res:													
	em is filmed at tl cument est filmé				·-	22 X				ne∨				2011		
				 		221				26×				30 X		
	12X		16X		20 X	<u>i</u>		24 X	i	i		29.Y			V	220

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

Vol. 5.

JUNE 14, 1894

No. 19

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, Montréal.
Bell Telephone 2299.
Information solicited from any part of the Dominion regarding contracts open to temder.

Advertising Rates on application.

CITY OF BELLEVILLE

SEWERS

Sealed tenders addressed to the undersigned and endorsed ",Tender for Bridge Street Sewer" will be received by registered post only up to 2 o'clock p. m. on

WEDNESDAY, JUNE 20TH.

Specifications and drawings can be seen and forms of tender obtained from the undersigned and at the office of Alan Macdougall, Esq., Consulting Engineer, 52 East Adelaide Street, Toronto, on and after the 13th inst. Tenders must be accompanied by a deposit equal to 232 per cent. of the amount of the tender. The lowest or any tender not necessarily accepted. t necessarily accepted.

D. B. ROBERTSON,

City Clerk.

Bellevillé, 8th June, 1894.

TENDERS FOR BRIDGE ABUTMENTS TOWNSHIP OF ETOBICOKE

Sealed tenders will be received by the undersigned up to 12 o'clock noon of WEDNESDAY, JUNE 20711, 1894, for the construction of tw. Pile Abutments for the new Steel Bridge over Mimico Creek on the Lake Shore Road. Plans and specifications may be seen at the office of the undersigned and all necessary information obtained. The lowest or any tender will not necessarily be accepted.

JAS. McDOUGALL, C. E., Court House, Adelaide St. E., Toronto.



Sealed tenders addressed to the undersigned and endorsed "Tender for Military Store Building, Fort Osborne, Winnipeg," will be received until Wednesday, 4th July, 1894, for the construction of a Military Store building, Fort Osborne, Winnipeg.

Plans and specifications can be seen and form of tender and all necessary information obtained at this Department, and at the Clerk of Works Office, Winnipeg, after Friday, 8th June.

Persons are notified that tenders will not be considered unless made on the printed form supplied, and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honourable the Minister of Public Works, equal to five per cent. of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the cheque will be returned.

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

(Sgd.) E. F. E. ROY, Secretary.

E. F. E. ROV, Secretary.

Department of Public Works, Ottawa, 28th May, 2894.

TENDERS

will be received by the Secretary up to noon SATUR-DAY, JUNE 23RD, for the erectio nof a large frame building for the Agricultural Society, Markham. Plans and specifications may be seen at the Secretary's office, Markham.

office, Markham.
No tender necessarily accepted.
P. G. Al

R. G. ARMSTRONG, Pres. JOHN JERMAN, Sec. Markham, June 12th, 1894.

TENDERS

Tenders will be received by the undersigned for the construction of a

MAIN SEWER

for the Town of Waterloo, up to moon, JUNE 2878 NEXT. All sewer pipe will be furnished by the Corporation. Plans and specifications will be on file in the Town Clerk's office on and after June 20th, where forms of tender may be obtained. The lowest or any tender not necessarily accepted.

F. COLQUHOUN, H. J. BOWMAN, Engineer. Town Clerk.



TENDERS FOR

Tenders will be received by registered post only, addressed to the City Engineer, Toronto, up to 11 a.m. on SATURDAY, the 23rd of June, 1894, for the installation of an

ELECTRIC LIGHT PLANT

at the main pumping Station of the Toronto Water-

at the main pumping Station of the solution works.

Plans and specifications may be seen and forms of tender obtained on and after Saturday, the 16th inst.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent, on the value of the work tendered for must accompany each and every tender, otherwise they will not be entertained.

All tenders must bear the bona fide signatures 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, Chairman of Committee on on Works

Committee Room, Toronto, June 13th, 1894.

BUSINESS NOTES.

T. Delage, painter, Montreal, has assigned.

A. G. Miles, plumber, Hamilton, has assigned to Walter Anderson.

Chas, Goswell, a well known builder and contractor, of Winnipeg, is dead.

Robert Beckam, contractor, Montreal, has assigned. Liabilities about \$35,000.

Chisholm & Co., plumbers, Montreal, co-partnership registered; Almira J. Chisholm only.

Messrs. Perrablt & Mann, architects. ave just returned from a trip to Boston, Mass., where they have been inspecting the two contagious disease hospitals now in course of erection.

CONTRACTS OPEN.

ANETVILLE, ONT .- The Presbyterians will build a new church.

STRATFORD, ONT.—A new opera house is to be erected in this city.

UXBRIDGE, ONT.—Mr. R. Flewell will rebuild his residence shortly.

FOXMEAD, ONT .- A Union church will

be erected here this summer. ATHENS, ONT .- The buildings recently destroyed by fire will be rebuilt.

PRINCETON, ONT .- The church of England edifice will be repaired and enlarged.

PRESTON, ONT .- A movement is on foot to secure the erection of a new town hall.

REGINA, N. W. T .- Tenders are being asked for the erection of a new English church.

COOPER'S FALLS, ONT .- The Canada Methodists are thinking of erecting a new church.

VANCOUVER, B. C.—An arcade containing eighteen stores is to be erected in this city.

ARNPRIOR, ONT .- A sum will be placed in the Dominion estimates for a new postoffice here.

GRAVENHURST, ONT.—The Methodists are considering the erection of a new parsonage.

HESPELER, ONT .- Tenders are being asked for constructing an iron bridge over the Speed river.

TILBURY CENTRE, ONT.—Mr. W. C. Crawford will build another addition to his handle factory.

WINDSOR, ONT.—Tenders are being asked for the erection of a residence for Mr. John Clarke.

BROOKLIN, ONT .- A dwelling house is to be built on the vacant lot opposite Mr.

R. Moore's residence. Belleville, ONT — The Harbor Commissioners will expend \$10,000 on improvements in the harbor.

FARNHAM, QUE .-- The time for the reception of tenders for electric lighting has

been extended to 1st July. WOODSTOCK, ONT.-Mr. H. F. G. Pett has purchased a site on which he proposes

to erect a three-storey store. GANANOQUE, ONT.—A syndicate is making arrangements to build a quartermile bicycle track on the Fair grounds.

TILSONBURG, ONT .- A proposal to expend the sum of \$8,000 for a town and fire hall was voted down by the ratepayers.

HULL, QUE-At the last meeting of the Council a committee was appointed to select a suitable site for a market building.

SCARBORO, ONT.—A steel bridge is to be erected over the Rouge river at Milne's mill. The Highland creek bridge is also to be replaced.

ST. JOHN'S, QUE.-Mr. Field, architect, is preparing plans for the extension of the Nonatuck and Corticelli Silk Company's factory in this town.

NIAGARA FALLS SOUTH, ONT.-Mr. I. M. Douglas will shortly make some extensive improvements to his store.

PETERBORO, ONT.-Bylaws to raise \$10,000 for permanent improvements and \$5,000 for school purposes have been sanctioned by the ratepayers.

KASLO, B. C.—The Great Northern Railway Co. have decided to equip and operate the Kaslo-Slocan Railway, and to build wharves at Kaslo and Bonner's Ferry.

PRESCOTT, ONT.—Tenders are invited by T. R. Melville, secretary, until the 16th inst., for the erection of a grand stand on the South Grenville Agricultural Society's grounds.

KINGSTON, ONT.-Mr. Arthur Ellis, architect, invites tenders until 4 p. m. to-day (Thursday) for the erection of a residence and surgery at the corner of Brock and Sydenham streets.

PHILIPSBURG JUNCTION, QUE.-Tenders are invited for the proposed break-water or pier at this place, to be 1,200 feet in length. Plans have been prepared by the chief engineer, Ottawa.

ORILLIA, ONT. - A by-law has been passed by the Town Council providing for the issue of debentures to the amount of \$12,000 for the purpose of improving and extending the waterworks.

SPRINGHILL, N. S .-- Tenders are invited for the erection of St. John's R. C. church in this town. Plans at office of J. C. Dumaresq, architect, Halifax, or at 46 Chapel street, Springfull mines.

SELKIRK, MAN. A petition asking for the construction of ship docks at this place is being circulated. Surveys and estimates for such docks have already been made by a Government engineer.

S1. PAUL'S BAY, QUE .- Mayor Simard is making an effort to secure financial assistance from the Provincial Government towards the construction of a retaining wall, 900 feet long, to protect the town from a recurrence of the recent landslide.

GLACE BAY, C. B .- Preparations for improvements on a large scale are being made by the Dominion Coal Company. They are planning new workshops, offices, houses, etc. A boarding house or hotel is also to be erected, to cost \$10,000 to \$15,000, to be heated with steam.

BERLIN, ONT .- Tenders are invited until the 15th inst. for creeting new public school in North Ward. Plans at office of Mr. Knechtel, architect. The sub-scribers to the Berlin and Waterloo Hospital fund have decided to proceed at once with the erection of the building.

BROCKVILLE, ONL .- The company who will build the international bridge across the St. Lawrence river at Biockville have elected officers as follows.—President, Mr. Pusey; vice-president, Mr. Cole; secretary-treasurer, L. H. Howland. The company has now amalgamated with the St. Lawrence Railway Co. under the name of the Brockville & St. Lawrence Bridge Company.

BAIE ST. PAUL, QUE.—Tenders will be received until the 20th inst. for the construction of waterworks at this place. Plans and specifications can be seen at the office of Mr. J. B. Robitaille, 60 Mountain Hill, Quebec.

KNOWLTON, QUE.—Mr. A. L. Husbands, C. E., of Cookshire, has prepared plans for a sewerage system for the town. Three different plans have been prepared, which will be considered at a meeting of the Council in the near future. The question of constructing a system of waterworks is also being considered, and it is probable both undertakings may be carried out at the same time.

LONDON, ONT.—A site for the new building of the Y. M. C. A. has been secured at the corner of Queen's avenue and Wellington street, and work will be commenced in the near future.—The Free Library Board have also purchased from the Y. M. C. A. a portion of the property recently secured by them, and intend erecting a \$12,000 building, for which plans have been prepared. It will be two storeys in height, of red brick, with stone foundation and slate roof.—The City Gas Company are laying fifteen miles of pipes, at a cost of \$60,000.—The Board of Education will ask the City Council to issue debentures to the amount of \$20,000 for the erection of a new school on Colborne street.

QUEBEC, QUE.—David Ouellet, archi-

QUEBEC. QUE.—David Quellet, architect, is preparing plans for the following work: new Presbytery in the parish of Notre Dame dela Garde, Que., the building to be frame 40×34 ft., 2 storeys, stone foundations, galvanized iron roof, wood finished inside, value \$4,000; a new church at Connor's, Temiscouata, size 90×44 feet, frame work, stone foundations, shingle roof temporary finish inside, value, \$4,500; inside wood finish and decoration of a church in the parish of S. Francis, Temiscouata, value, \$2,000; a steeple for the church of S. Eleuthiere, Kamouraska, galvanized iron roof, value \$800.—Proposals are invited until the 2nd of July for the purchase of \$361,000 of debentures: C. J. L. Lafrance, City Treasurer.

OTTAWA, ONT.—Plans have been prepared for a large residence on the banks of the Rideau river for Mr. Hayter Reid, deputy minister of Indian affairs.—E. F. E. Rey, Secretary Department of Public Works, will receive tenders until Tuesday, 3rd of July, for the construction of a hot water heating apparatus at the Regma, Assa., public building. Plans at the above department, at the Clerk of Works' office. Regma. and at the Dominion Public Works office, Winnipeg.—The sum of \$73.6.5. will be placed in the Dominion sup, lementary estimates for work on the Trent Valley Capal. The first work taken up will be to connect Lake San coe with Balsam Lake, and to insprove the tax and or between Peterbero

NACARA TAIL, ONT -- Mrs. Ganter proposes to meet a dock of build as opposite Mr. C. L. Fayne's hotel, as a cost of \$12,000. - At a meeting of the Queen Victoria was Commissioners and the officials of the Coronany for the American of the Loren company for the development of the Nagara water power were accepted by the commissioners, and an agreement stand permitting the work to be proceeded with at once. Surveys have been made for a stone power house, which will be similar in size to the building on the American side. The excavations for the inlet canal and tail-tace turned will be commenced tume tately. Mr. Wm. B. Rankin, of New York, is secretary of the company.

WINNIPEG, MAN. The plans for the proposed new passenger and natic bridge across the Assimboine river at Maryland, street have been deposited with the Minister of Public Works for the Dominion for approval.—Mr. J. C. Sproule, Charman Committee on Works, will receive tenders until Thursday, the 21st instal for the construction of sewers in different parts of the city and for the

supply and delivery of 3,300 feet of sewer pipe. Particulars from Mr. H. N. Ruttan, City Engineer. — Mr. Robert Watson, Minister of Public Works, will receive tenders until Saturday, the 16th inst, for the erection of a new court house and for the extension of the jail building at Portage la Prairie, Man. Plans may be seen at the office of Mr. George Browne, architect, of this city, and at the office of Mr. D. McGowan, municipal clerk, Portage la Prairie.

HAMILTON, ONT.—The by-law to provide the sum of \$150,000 for paving portions of King and James streets with tions of King and James streets with Trinidad asphalt will be voted on by the ratepayers on the 20th inst. It is thought the by-law will meet with comparatively little opposition.—Mr. E. J. Sanford has purchased seven lots in the Highland survey and it is understood he proposes erecting a large residence.—The City Council has appointed a deputation to interview the Minister of Public Works revealed the large residence. garding the proposed bridge over the canal and other improvements at the Beach.—Mr. Hugh S. Brennen contemplates the erection of a block of nine new houses on the vacant property at the com-er of Cannon and Mary streets.—Mr. O. E. Konkle, in conjunction with an American capitalist, has purchased the Case property at the corner of King and Wal-nut streets, and has had plans prepared for new buildings to be erected thereon. On Main street four large brick residences will be erected, and on Walnut street will also be erected four dwelling houses. The purchasers of the property have decided to erect on King street, on the whole frontage from Walnut street to the residence of the late James Cahill, a five-storey hotel and opera house. The building will be constructed of brick, having Connecticut brown stone front, and will contain 125 rooms. The estimated cost of the hotel and opera house is \$200,000. Building permits have been granted as follows: Wm. Sexton, two-storey brick dwelling on Hunter street, between John and Hughson streets, cost \$3,000; A. S. Devine, two-storey brick dwelling on Victoria avenue, between Cannon and Robert streets, cost \$2000.

MONTREAL, QUE - The Montreal Street Railway Co. are said to have in contemplation the erection of a large power house and yards in the central part of the city. The site spoken of is the large square bounded by Vallée, St. Phillip, Dorchester and St. George sts.— Mr. A. Dubreuil, architect, will receive tenders until the 20th inst. for all trades n connection with a three story stone front cottage and store, corner Amherst and Roy streets for Mr A. Brodeut.— It is probable that the Montreal Silk Co. If is probable that the Montreal Sinc Co. with build new factories to replace the one recently destroyed by tire.—Plans it have asked for the proposed Masonic Temple. The Julies of the Congregation of Notre Dame are taking steps to rebuild Villa Marie Portrayed In the about a Villa Maria, destroyed by the about a year ago.- A special committee appointed to consider the establishment of a milithat the City Council has been unemied that the City Council be asked to grant the sum of \$25,000 or condition that the Dominion Government would provide a site. It is believed the Government is favorable to the establishment of such an institution.-Messrs. Perrault & Mann, architects, will receive tenders until the 20th inst. for the restoration of St. Antoine market.—Mr. Eric Mann, architect, will receive tenders until the 15th mst., for the erection of a three storey stone front residence on Fort street, for Mr. Jas. Strahan.

Tokonto, Ont.—Contracts have not yet been let for the plumbing, heating and interior fittings for Mr. Robt Simpson's new building. Mr. E. Burke is the architect. A deputation from the Board of Trade and Fire Underwriter. Association wined on the Mayor last week urging the necessity of providing for the city three new steam fire engines and two chemical engines. The matter will be brought before the City Council.—The report of the Supply Committee of the Public School Board, recommending that tenders be

and seats, was adopted by the Board at their last meeting.—The Property Com-mittee of the City Council has recommended that an extra room be erected at the Lombard street fire hall, at a cost of \$1,500.—The Grand Trunk Railway Co. have notified the City Engineer that they are ready to commence the construction of John street bridge.—Plans prepared by Messrs. Edwards & Webster for a new conservatory to be erected in the Horticonservatory to be erected in the Horti-cultural Gardens have been approved by the Parks and Gardens Committee, and instructions have been given to ad-vertise for tenders. The building will be erected on the site of the present conser-vatory to the south of the pavilion, and will cost \$5,000.—The City Engineer has prepared a full report on proposed new conduits and improvements in the water conduits and improvements in the water supply, which was presented to the Board of Works at its last meeting. The following estimates are given: six-foot cast-iron pipe from a new intake in the lake to the pumping well, cost \$560,000, steel pipe \$518,000; six-foot cast-iron pipe from Hanlan's crib to the pumping well, cost \$240,000, steel pipe, \$237,000. The estimated cost of the tunnel scheme, as previously recommended, with an extension of pipe to the new intake, is \$525,000. The report was laid over to be discussed at a special meeting.—The Ontario Government will be asked to contribute its proportion under the local improvement system for macadamizing Simcoe street; estimated cost, \$3,400—At a meeting of the Board of Works held on Monday last, the following proposed works were approved of: A 14-foot granolithic sidewalk on west side Spadina avenue, between St. Patrick and Clyde streets, cost \$2,696; 6-foot granolithic sidewalk on south side Wellesley street, between church and Jarvis streets, cost \$960; 12-foot granolithic sidewalk on north side Queen street, between Yonge and Berkeley streets, cost \$8,812; asphalt pavement on Peverley street, between Queen and College sts., cost \$31,400.—The recommendation of the City Engineer for a brick payement on Arthur street, between Bathu st and Palmerston avenue, was referred back.—The proposition of the Ontario Waterworks Construction & Supply Co., to construct a system of waterworks on the Island was also referred back, with instructions that the City Engineer prepare an estimate of the cost of constructing such a system.— Tenders are invited by Hon. Wm. Harty, Commissioner of Public Works for Ontario, until Monday, the 25th inst., for the following works: hydrants and cast iron pipes, London asylum; infirmary, Hamlton asylum; sewage dispositi works. Kingston asylum; reservoir, barn, stables, slaughter house, piggery, driving house, steam and hot water heating, Brockville asylum; extension of main sever, addition to boiler house and steam boiler, Orillia asylum; barn and hot water boiler, Brantford institute. Plans may be seen at the several institutions, except those for the steam heating at Brockville, which can only be seen at the Department of Public Works in this city.—Building permits have been granted as follows:—G. A. Cox and S. H. Blake, bk. add. to 140-144 Yonge st., cost \$2,000; A. Kent, new shop front and alterations to 5 and 7 Richmond st. W., cost \$3,000; Walter Weston, 2 story bk. store and dwelling, 25 Arthur st., cost \$3,500; John Stark & Co., 2 story bk. add. and alterations to 89 Bay st., cost \$2,000: John Catto. 3 storey bk. warehouse, 23½ Colborne st., cost \$3,000.

asked for furnishing a number of desks

CONTRACTS AWARDED.

WOODSTOCK, ONT.—The contract for the reconstruction of the opera house has been awarded to Messrs. McIlwraith & Clynick.

FORT WILLIAM, ONT.—The tender of Messrs. Robertson & Ross, for the new school building, at \$18,880, has been accepted by the School Board.

NITHVALE, ONT.—The contract for the erection of an iron bridge at this place has been awarded to the Belville Bridge Co. Price \$2,081: CHATHAM, ONT.—Messrs. Park Bros., of this place, have been awarded the subcontract by Mr. Allister McKay for the pumping machinery required for the drainage system to be constructed in the Township of Mercea, Point Pelee. Contract price, about \$4,000.

tract price, about \$4,000.

MONTREAL, QUE.—Mr. J. R. Rhind has awarded the contract for the erection of a stone power house for the Montreal Street Ry. Co., at Cote St. Louis, at Messrs Eggie & Stewart.—Mr. Waite, architect, of Buffalo, has awarded the contract for masonry and brickwork of the eight storey office building, to be erected at the corner of St. James and St. Peter sts., for the Canada Life Association, to Mr. Peter Lyall.

TOWNED ONE—Contracts for code.

TORONTO, ONT.—Contracts for cedar block pavements were awarded as follows by the Board of Works on Saturday last: Ulster avenue, Construction & Paving Co., \$594; Roseberry avenue, D. L. Van Vlack, \$561.—Mr. E. Burke, architect, has awarded contracts for the erection of a new store building at the corner of Yonge and Queen streets for Mr. Robert Simpson, as follows: masonry, C. C. Witchall, Toronto; carpentry, Moir & McCall, Toronto; structural iron, Dominion Bridge Co., Montreal; plastering, Petrie & Co., Toronto; roofing and sheet metal work, Douglas Bros., Toronto; pressed brick and terra cotta, Beamsville Pressed Brick Co., Beamsville, Ontario; painting and glazing, Taylor & Co., Toronto; electric elevators, Fensom Elevator Works, Toronto.

FIRES.

A Tuttle's planing mill at Moncton, N. B., has been destroyed by fire. Loss, between \$3,000 and \$4,000; small insurance.

—Coates' foundry and moulding shop, and J. H. Davey's sash and door factory at Bradford, On., were burned to the ground on the 9th inst. Total loss, \$3,500; no insurance.—The store and premises of R. H. Pye, and the residence of Ritchey Copp, at Lidnish, N. S., were destroyed by fire recently. Loss partially covered by insurance.—Twenty small houses have been destroyed by fire at Isle Verte, Temiscouta County. Que. The loss will amount to about \$12,000.—A large general store at Grenfell, N. W. T., owned by Love & Tyron, 'was burned last week.—The Toronto Carpet Manufacturing Company's premises on Esplanade street, Toronto, were damaged by fire on Monday to the extent of about \$5,000.

B. D. MORRIS

Direct Importer and Dealer in

Best English and Canadian

PORTLAND GEMENTS

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

Offices: 36 Victoria St. - TORONTO

CEMENT

Low in price
High in quality
Always fresh
Always reliable

such is our well-known

THOROLD CEMENT

Endorsed and used by the G. T. Railway

It is the best Hydraulic Cement for Abutments and Piers for Bridges, Concrete for Foundations, Cisterns, Cement Drain Pipes, Floors for Cellars and Stables, Sewers, and all Mason Work in moist or wet places.

ESTATE OF JOHN BATTLE THOROLD, ONTARIO.

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS,

J. M., Shanly, M. Am. Soc. C. E. M. Can. Soc. C. I

I. M. McCARTHY. B. A. S. C. A. M. CAN, SOC. C.K.

SHANLY & MCCARTHY,

CIVIL ENGINEERS.

STANDARD BUILDING - MON'I'REAL.

Bridges, Waterworks, Sewerage, 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 Disposat

103 BAY STREET - 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.

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

SPECIALTIES:
WATERWARKS, SEWERAGE, ELECTRIC RAILWAYS.

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

ALAN MACDOUGALL

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

CONSULTING CIVIL, SANITARY AND HYDRAULIC ENGINEER

32 East Adelaide St. - TORONTO

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

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.
Wellington Street, - MONTREAL,

81 Wellington Street, MONTREAL, Sole Agents for THE "GRANTRYX" SMOKE TEST AND DISINFECTING MACHINE.

<u> Artificial . .</u> **Granite Stone Pavements**

. . . FOR . . .

STREETS, SIDEWALKS, BASEMENT FLOORS, ETC.

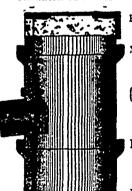
The attention of municipalities and others interested is called to the excellence of this material.

GRAHAM

Sole Proprietor and Manufactures 226 Picadilly St., - LONDON, ONT.

ST. GEORGE GULLEY

OR STREET DRAINING WELL



PATENTED 1885 AND 1893.

Made of east 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.

EMEI

BEST AND CHEAPEST IN TORONTO.

JOSSON, PETERS and BURHAM Brands for highest class work. WHITE HORSE, R. W., IMPERIAL, &C., FROM \$2.00 PER BARREL.

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

AMERICAN ROAD MACHINE CO.

MANUFACTURERS 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.

MANUFACTURERS OF

Cast Iron Pipes and Special Castings

Works: MONTREAL AND ST. HENRI, QUE.

CORRESPONDENCE SOLICITED.

Drummond McCall Pipe Foundry Company, MONTREAL

WORKS: LACHINE, QUE.

PRICES ON APPLICATION.



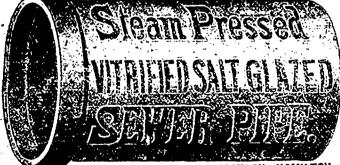
Manufacturers of

Salt-Glazed Vitrified

SEWER

Double Strength Railway Culvert Pipes, Inverts, Vents, AND ALL KINDS OF FIRE CLAY GOODS.

PIPE CO. SEWER



- Fon-SEWERS,

> CULVERTS. AXD

WATER PIPES.

Fire Brick Sewers

Write for Discounts.

HEAD OFFICE AND FACTORY: HAMILTON, CANADA.

UNICIPAL

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

CANADIAN MINERAL WOOL CO., Limited, 122 BAY St., TORORTO.

707 NEW YORK LIFE BUILDING trail Agent LEWIS SKAIFE

STEVENS & BURNS

London, Ont.

To idunicipal Corporations and Contractors:

Hydrants, Valves, Valve Boxes

and Water Works Supplies generally,

INCLUDING

·· WATER METERS ··

And also Tools for tapping mains under pressure ... Plumbers' and Engineers' Brass Work of all descriptions.

THE G. & J. BROWN MFG. CO.

Railway and Contractors' Plant.

BELLEVILLE, ONT.

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.

BUILDERS OF THE

.. Bear Patent ...

COMBINATION - BRIDGE DOON, ONI.

All communications promptly answered.

Prices of Building Materials.

CONDITION OF THE MARKET.

CONDITION OF THE MARKET.

Some improvement in the demand for builder's supplies for the country trade is noted, but the city trade remains quiet, as it has been for some time past. Owing to a recent reduction in the price of lead pipe, an improved demand has developed. The cement market remains quiet and prices unchanged. The city of Montreal recently contracted for 5,000 barrels, which cut stocks down considerably in that city. In iron pipe trade is fairly satisfactory, as is the case with galvanized iron, the principal demand for the latter being for 26 and 28 gauge, which we quote at 4½ to 4½ for case lots. In other lines of hardware quietness rules.

LUMBER.

CAR OR CARGO LOTS

\$ \$ \$ \$ 1½ to 2 clear picks. Am ins...33 00@36 00 40 00@45 00

Toronto. Montreal.

	1 1/2 to 2 three uppers, Am ins.	37 00	40 ∞	45 00
	t to 2, pickings, Amins	3Q 0 0	27 00	30 00
	r inch clear			6000
	3 x 10 and 12 dressing and			
	1 better 20 00	22 00	18 ∞	20 00
	1 x 10 and 12 mill run 16 00	17 00		19 ∞
	1 x 10 and 12 dressing20 00	22 00		28 oc
	1 x 10 and 12 common13 00	14 00	8 ∞	10 00
	I x 10 and 12 spruce culls10 00	11 ∞	10 00	1100
	r x ro and recultsg oo	10 00		900
	1 inch clear and picks 28 00	3220	33 ∞	35 00
	z inch dressing and better20 00	22 00	18 00	20 00
	1 inch siding, mill run14 00	15 00	14 00	16 00
	z inch siding, common12 00	13 00	72 00	14 00
•	1 inch siding, ship culls11 00	12 00	10 ∞	11 00
	1 inch siding, mill culls 0 00	10 00	800	900
	Cull scantling 8 00	9 00	8 00	000
	114 and thicker cutting up	,		9 00
	plank 24 00	25 co	22.00	25.00
	z inch strips, 4 in to 8 in. mill			1; 00
	1Un14 00	1500	14 00	15 00
	1 inch strips, common11 co	12 00	11 00	12 (0
	11/2 inch flooring 16 00	17 60	14 Co	15 00
		17 00		
	XXX shingles, sawr, per M	., 50	14 00	16 00
		2 (o	2 60	- 4-
	XX shingles, sawn 50	160	165	2 60
	Lath 240		7 03	1 70
	A-mass			

WALD QUOTATIONS. Mill cull boards and scantling 10 00 10	, c
Mill cull boards and scantling 10 00 10	, c
Shipping cult boards, pro-	
miscuous widths 13 00 13	
Shipping cull boards, stocks 1500 16 Hemlock scantling and joist	•
up to 16 ft 11 co 12 co 10 Hemlock scantling and joist	C
Hemlock scantling and joist	
up to 20 ft	0
	c
Cedar for Kerbing, 4 x 14,	
per M	c
Scantling and jo st, up to 16 ft 14 00 14	
" 18 ft 1500 15	
" " 20 ft 16 co 16	
Scantling and joist, up to 22 ft 17 00 17	
24 (t 1900 10	
" " 26 ft 20 00 21	
" " 26 ft 22 v0 23	
" 35 H 31 00 31	

38 11	33 00		33 04
44 ft	34 00		36 (
Cutting up planks, 11/2 and	-		-
thicker, dry25 ∞	28 ∞	25 00	26 oc
Cutting up planks, 1% and			
thicker, board18 00	24 ∞	18 ∞	22 O
в. ж.			
1 1/2 in flooring, dressed, F M.26 00	30 00	28 ∞	:: 00
144 10th flocating rough, R M 18 on	23 00	18 ∞	22 00
11/2 " dressed, F M.25 00	28 ∞	27 00	30 00
11/2 " undressed, B M.18 00	10 00	18 ∞	100
1½ " dressed18 co	20 00	18 ∞	
134 in undressed 12 00	1500	13 00	25 CC
Beaded sheeting, dressed 20 00	35 ∞	22 OO	35 ∞
Clapboarding, dressed	12 00		120
XXX sawn shingles, per M			
1815 2 60	2 70		3 00
Caren lask			

CA	NAI	<i>)1F</i>	11/	CO
	Toron	to.	Monti	real.
Cedar			300	2 90 0 40 ∞
Resewood No. 2 and 2	37 00	45 O		0 45 00
Cherry, No. 1 and 2	70 00	90 00		
White ash, No. 1 and 2	24 00	35 00	300	0 35 ∞
Dressing stocks	2000	30 00		
Dressing stocks Picks, American inspection	1	30 00		40 ∞
Three uppers, Am. inspect	เดก	50 00)	50 ∞
	K-9 1			
Good Facing		6 50 8 00		6 ∞ 8 50
Sewer	8 50	8 00		
Pressed Brick, Per	H:			
Red, No. 1, S.o.b. Beamsvi		16 (
" " 2. " " 3 · · ·		9 00		
		31 00		
Brown Roman Red	• • •	24 C		
D.or	• • •	30 ∝ 35 ∝		
Biown. Sewer Hard Building Roof Tiles Hip Tile Ridge Tile. (car		40 00	•	
Hand Building	•••	7 50		
Roof Tiles		27 00		
Hip Tile (eac	ch)	20	•	
Kidge Tile	•	6	•	
Red "A" f. o. b. Don Vall	ey	18 oc		25 00
Red "C" " " "		15 00		20 00 17 00
Trojan and Corinthian	••	21 00	•	28 00
Athenian and Egyptian	•••	22 00		29 00
lynan		35 OC	ć	31 00 44 00
Sicilian	• •	40 00	•	45 00
Roman	••	35 00		40 00 45 00
Ornamental	. 30 00 1	100 00	30 00	100 00
2st quality, f.o.b. at Port C	redit	14 00		18 00
and " " "	44	12 00		15 00
Hard building brick		8 oo 6 50		13 00
Ornamental, per 100	300	10 00		
84.	ND.			
Per Load o 11/2 Cubic Yar	ds	1 25		1 25
	ONE.			
Common Rubble, per tous	e,			
delivered Large flat Rubble, per tois	 ¢,	14 00		14 ∞
Foundation Blocks, per c. f	t.	18 00 50		18 00
delivered	:\$ u	20		. 50
ft., f o.b River John, N. S., brow	- 	t co		
Freestone, per cu.ft., f.o.	ъ.	95		

STONE.	,		
Common Rubble, per toise,			
deliveredLarge flat Rubble, per toise,	14 00	1	4 ∞
_ delivered	18 00	2	3 ∞
Foundation Blocks, per c. ft.	50		50
Kent Freestone Quarries	-		•
Moncton, N. B., per cu		•	
ft., f o.b	t oo		
River John, N. S., brown			
Freestone, per cu. ft., f.o.b.	95		
Ballochmyle	Bo go	65	75
New York Blue Stone	=	•	1 05
Granite (Stanstead) Ashlar, 6			-
in. to 12 in., rise 9in., per ft.			25
Moat Freestone		70	80
Thomson's Gatelawbridge, cu. ft		75	80
Credit Valley Rubble, per car			
of 15 tons, at quarry	8 00		
Credit Valley Brown Cours-			
ing, up to to inch, per sup.			
yard, at quarry	2 75		
Credit Valley Brown Dimen-	· -		

Credit Valley Brown Dime	n.
sion, per cu. ft. at quarry	5o
Credit Valley Grey Coursin	₽.
per superficial vard	150 200
Credit Valley Grey Dime	n.
sion, per cubic foot	60
MadocRubble, delivered, p.	
toise	14 00 14 50 14 00 14
hladoc dimension floating.	{ ,
o. b. Toronto, per cubic:	ĺt. 20 22
Ohio Freestenc, No. 1 Blu)E
Promiscuous, f.o.b	60
No. 1 Blue Dimension	65
No. 1 Buff Promiscuous	
No. 1 Buff Dimension	65
The above prices mean	ns ·
freight and duty paid.	
2 in. sawed flagging persq.f	t. ri
2 1 1 1 1 1	1314
3 1 1 1 11	163%
4	22
33 ii i	2736
6度け け り り	33
Duty to be added to the	se
prices. Quebec and Vermont rough	ı.
granite for building pu	n -
poses, per c.ft. f.o.b. quarr	
For ornamental work, cu. f	
Granite paving blocks, 8 in.	
12 in. x6 in. x4% in., per !	
Granite curbing stone, 6 in.	50 00
20 in., per lineal foot	70
• •	•
	TE.
Rocting (# square).	
ıı red	
" purple	
" unlading gree	
black	. 800 7

4 Diack	•	8∞		7 5
Terra Cotta Tile, per sq		33 00		
Ornamental Black Slate Roof	•			
ing		8 ∞		
PAINTS.	In oil,	₩ 16.		
White lead, Can., per 100 lbs	. 6 25	5 50	6 co	6 :
_ " zinc, Can., " "	6 50	7 50	7 50	8 6
Red lead, Eng	. 400	500		
" venetian, per 100 lbs	. z 60	1 75	z 60	2 7
" vermillion	. 00	1 00	90	1 0
" Indian, Eng	. 10	12	10	1
Yellow ochre	. 5	10	4	
Yellow chrome	. 15	20	25	
Green, chrome	. 7	12	7	1
" Paris	. 50	25	20	-
Black lamp	. 15	25	13	•
Blue, ultramarine	. 15	20	12	1
Oil, linseed, raw, & Imp. gai	. 54	59	63	- 6
" " boiled "	57	δá	66	- 6
" refined, "	78	85		
Putty	. 21/4	234	75	2
Whiting, dry, per 100 lbs	. 75	100	66	- ;
Paris white, Eng., dry	. 60	1 25	90	2 3
Litharge, Eng	. 4	3	634	:
Sienna, bumt	. 10	15	12	٠,
Umber, "	. 8%	12	13	3
	•			

8 5 5 8	Church and School Furniture. Bostwick, Geo. F I
5 0 8 5 5	Furniture Co is Globe Furniture Co is Office Specialty Co Pennington & Baker. is Snider, J. B is Tees & Co v

	Toronto.	Montreal.	Toronto. Mon	treal.
CEMENT,	LIME, etc.		SLATING NAILS.	
			5d, per 100 lbs	85
Cement, Portland, per bbl.		2 65 2 85	4d, " " 85	85
u London '			3d, " " 125	1 23
Managed 1	2 75	2 45 2 90	2d, " " 175	1 50
Ralaian II		203 230	· ·	•
- "	. 2 0 250	2 25 2 30	COMMON BARREL NAILS.	
1) 11	-	2 75	1 inch, per 10c lbs 1 50	1 50
	. 450 47.	4 50 4 75	76 " " " 175	75
0 0 11	. 650 700	650 700	34 " " " 225	3 35
FPL -13	. 15	0 30 , 00		
	. 10		CLINCII NAILS.	
	1 50		inch, per 100 lbs. 85	85
o Hull, o .	. 1 .		100 /s and 2 /s '' '' '' 100	I 00
Keene's Coarse "Whites"	. 450 475	4 50 4 75	2 and 2 4 " " 1 15	£ 15
Calcined plaster, per barrel		155 170	13/4 and 13/4 " 1 35	1 35
Fire Bricks, Newcastle, per N			134 " " 200	2 00
" Scotch "	2300 000		1 " 250	2 50
Lime, Per Barrel, Grey	. 40			
" White	. 55		SHARP AND PLAT PRESSED NAILS.	
Plaster, Calcined, N. B	. 200		3 inch, per 100 lbs. 1 35	1 35
" " N. S	. 200		21/2 and 21/4 " " 1 30	I 50
Hair, Plasterers', per bag.			2 and 236 " " 165	r 65
			1% and 1% " " 185	r 85
HARD	WARE.		134 " " " 250	2 50
Cut nails, 5cd & 6cd, per ke	2 40	2 25	1 11 11 300	300
Steel " " "	250	2 35	Iron Pipe:	
CUT HAILS, PENCE				
40d, hot cut, per 10 lbs			Iron pipe, 1/2 inch, per foct 6c.	
30d, 11 " 11			n n ⅓ n n n n 7,	
20d, 16d and 12d, hot cut, pe			" " } " "	
100 lbs		15	11 11 14 11 17 12	
tod, hot cut, per 100 lbs	. 20	20		
8d, 9d, 11 '11 '1		25		
6d, 7d, " " "		40	11 11 13/2 11 11 30	
ad to td." " "	. 60	60	71 1 2 11 11 11 11 11 11 11 11 11 11 11 1	
3d. " " "		1 00	islack wrought fron pipe, 07%, on above prices.	
ad, " " "	. t <u>c</u> o	1 50	Galvanized " 40%	
4d to 5d cold cut, not polished	1	•	Black wrought iron pipe, 671% off above prices. Galvanized 40% Cast and soil 57%	
or blued, per 100 lbs		50	Lead pipe, per lb 7c.	
3d to 5d cold cut, not polished	1		Waste pipe, per lb 7½	
or blued, per 100 lbs	. 90	90		
FINE BLUI	ED NAILS.		Galvanized Iron:	
3d, per 100 lbs		1 50	Adam's—Mar's Best and Queen's Head:	
ad, " "	200	2 00	16 to 24 guage, per lb 416c. 416c.	
CASING AND BOX, FLOORING			26 guage, ", 43/2 5	
NAI		Conces box	28 " 5 5%	
12d to 30d, per 100 lbs		50	Gordon Crown—	
10d, " " "		69	16 to 24 guage, per lb 4% 4% 26 guage, " 4% 4%	
8d and 9d, " "	75	75	26 guage, " 4½ 4¼	
6d and 7d. " "	. 73	90	38 " " 4½ 5	
4d to 5d, " "	. 110	1 10	Note.—Cheaper grades about 3/c. per lb. less.	
3d, " "		1 50	Structural Iron:	
3-1		. 30	ntructures Iron:	

INDEX TO ADVERTISEMENTS

in the "Canadian Architect and Builder."

	
Architects.	Cements.
Ontario Directory III	Bremner, Alex i
Que oec Directory it	Currie&Co, W.&F P x
Architectural Sculp- tors and Carvers.	Estate of John Battle i
Holbrook & Molling-	Morris, E. D
Wagner, Zeidler & Co	Church Reflectors
Amelidenteemal Ymosi	Frink, I. P I

Fork. B. Greening Wire Co. xii Dominion Ornamental	Contractors' Plan and Machinery
Iron Co vi	Rice Lewis & Son I
Dominion Bridge Co. I	Rowe, Geo
Meadows, Geo.B ii Whitfield, John I	Cut Stone Con-

Carnovsky, B. H IV	Oal
Knechtel, Sviii Wagner, Zeidler & Co. 1V	CI
Bricks (Pressed). Beamsville Pressed	Bre

3 2½ to 2½ 2 to 2½ 1½ to 1½ 1½

15

Beamsville Pressed	
Brick Co ix	
Morris, E. D vi	
Port Credit Pressed	Br
Brick & Terra Cotta	C
Co ix	H
Taylor Bros ix	
	M
Buildors' Supplies.	St
with a district	Ju

MILLIAN SKIPPLICE
Bremner, Alex iv
Currie & Co., W & F P. xii
Clatworthy, Geoviii
Maguire Brosi
Morris, E. Dviii
Rice Lewis & Son IV
Rowe, Gea111 Toronto Lock Co
Vokes Hardware Co viii
vokes maroware co. viii

	ding		0
arroll,	Deale Vick 8	rs. : Ca	viii

Builders' Hard-
icare.
Rice Lewis & Son IV
Toronto Lock Co i Vokes Hardware Coviii
Vokes Hardware Coviii

Creosote Stains Cabot, Samuel	i
Cedar Shingles	
McRae & Co	Ţ

Church and School	"
Furniture.	
Bostwick, Geo. F	H
Can. Office & School	
Furniture Co	ix
Globe Furniture Co	
Office Specialty Co	
Pennington & Baker	ix
Snider, J. B	
Tees & Co	.,,

Cements.	
Bremner, Alex Currie&Co.W.&F P	iv
Estate of John Battle	
Maguire Bres	- ' '
Morris, E. D	
Vokes Hardware Co.,	viii

Church Reflectors		
Frink, I. P 1	I	•
Contractors' Plans	t	

Rowe, Gea	III
Cut Stone Con-	
tractors.	
sanc Bros	П
1-1-1 C YY-1	

Chimney Toppin	g.
Bremner, Alex Currie&Co.,W &F.P.	i xi
Drain Pipe	

Electric and Pixtures	Ga	8
Barwell, James	• • •	I۷

Elevators Fensom, John Leitch & Turnbull	I
Engravers	

Can. Photo-Eng Bu

Fire Brick and Cl	ay
Bremner, Alex Currie& Co.W &F P	xii
Morris, E. D Standard Drain Pipe	
Co	11

Galvanized Iron Workers.	
Tucker & Dillon	

Douglas Dios
Grates and Tiles.
Bostwick, G. F
Holbrook& Mollington

Hydraulic Engir	ies
Guest & Co	ix
Heating.	
Clare Bros. & Co	хi
McClary Mfg. Co	хi
Gurney Foundry Co	vii

" channels, "
" angles, "
" tecs, " plates, "
" blates, "
Sheared steel bridge plate...

McClary Mfg. Co Gurney Foundry Co v	xi vii
King & Son, Warden Toronto Rudiator Mfg	хi
Ca	iıi
Lime. Currie & Co, W &F P. :	

Morris, E. D	VΪ
Legal.	
Denton & Dods	11
Morgan, Godfrey St V	11
Mantels	
Bostwick, Geo. F	11

Metallic Lath.
Bostwick Metal Lath
B. Greening Wire Co. xii Metallic Roofing Co vii
Metallic Rooming Co Vi

Mortar Colors and Shingle Stains,	1
Cabot Samuel	i
Maguire Bros Muirhead, Andrew	

Ornamental Plas- terers.
Baker, J. D
Paints & Varnished
Harris Co., The E Muishead, Andrew

Painters. Gilmor & Casey II
Paving. The Guelich Silica Barytic Stone Co IV

Plasterers

Hynes, W. J	di
Plumbing Supplie	8.
Barwell, James I Dominion Sanitary	
Pettery Co Sanitas Mfg. Co	X
Toronto Steel Clad Batl	h
& Metal Co	/II

Plate Glass Harris Co., The E	:
	V.
IcCausland & Son	iv
The Consolidated Plate	
Glass Co	ii

Glass Co	
Parquetry Floors	,
Elliott & Son Tees & Co	•

Elliott & Son Tees & Co
Plumbers Ballantyne, James

Roofing Materials Merchant & Co.... ii Metallic Roofing Co.. vii Warren Chemical & Mig. Co..... 1

per 100 lbs.....

大きなないと 大きのでは 大きの

Roofers	
Douglas Bros	I
Duthie & Sons, G Hutson, W. D	İ
Metallic Roofing Co	å
Rennie & Son. R	I
Stewart, W. T	Ī
Williams & Co., H Warren Chemical &	ı
Mfg. Co	I

Reproduction of Drawings New Color Process Ca. vii

Shingle Stains Cabot, Samuel..... Sliding Blinds Lea & Seaman.... II Stained and Decora tive Glass Castle & Son...

Castle & Son	٧
Dominion Glass Co	Ÿ
Danka W	
Drake, W	V
Elliott & Son	1
Gilson Bros. Stained	
Glass Works	٧
Grimson, G. & J. E	•
Trailed to C. S. J. E	٧
Hobbs Mfg. Co	γ
Horwood & Sons, H	v
McCausland & Son	iv
Lenghurst, H	Ÿ
Quesnel, Sharpe & Co.	
	٧
Ramsay & Soo, A	Y
Spence & Son, J. C	٧
Temperature Regi	
lator	
Teronto Radiator Co.	٧
Terra Cotta	

lator	_
Ceronto Radiator Co.	,
Terra Cotta	
he Raritan Hollow &	
orous Brick Co	٧

Wall Tie Window Blinds atworthy, Goo....viii