Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.					L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.										
Coloured covers Couverture de c								1 1		ired page de coule					
Covers damaged/ Couverture endommagée							Pages damaged/ Pages endommagées								
Covers restored and/or laminated/ Couverture restaurée et/ou pelliculée							Pages restored and/or laminated/ Pages restaurées et/ou pelliculées								
Cover title missing/ Le titre de couverture manque						Pages discoloured, stained or foxed/ Pages décolorées, tachetées ou piquées									
Coloured maps/ Cartes géographiques en couleur						Pages detached/ Pages détachées									
Coloured ink (i.e. other than blue or black)/ Encre de couleur (i.e. autre que bleue ou noire)								1/1		through/ parence					
Coloured plates and/or illustrations/ Planches et/ou illustrations en couleur								. /		y of prin é inégale			n		
Bound with other material/ Relié avec d'autres documents						[ł		nuous pa ition con	_	n/				
Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la						Includes index(es)/ Comprend un (des) index									
distorsion le long de la marge intérieure							Title on header taken from:/ Le titre de l'en-tête provient:								
Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ If se peut que certaines pages blanches ajoutées						Title page of issue/ Page de titre de la livraison									
lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.						Caption of issue/ Titre de départ de la livraison									
pus ete timices.						Masthead/ Générique (périodiques) de la livraison									
Additional common Commentaires su		res:													
This item is filmed at ti Ce document est filmé				-	ssous.										
10X	14X		18X			 -	22 X			26	×	· · · · · ·	30 X		
12X		16X			20X	-			24X			28×		\checkmark	32×

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

Vol. 5.

OGTOBER 25, 1894

No. 38

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 2200.

Information solicited from any part of to Dominion regarding contracts open to

Advertising Rates on application.

At its Convention held in Toronto, Nov. 30 and 21, 1889, the Untario Association of Architects signified its approvat of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tonders.

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

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

Notice to Contractors

CANADIAN CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the A new and thoroughly revised edition of the Ganadian Contractor's Hand-Book, consisting of 150 pages of the most cirefully selected ma-terial, is now ready, and will be sent post-paid to any address in Canada on receipt of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authenticated information on a wide variety of subjects adapted to his drily requirements. daily requirements.

Price, \$1.50; to subscribers of the CANADIAN ARCHITECT AND BUILDER, \$1.00. Address

C. H. MORTIMER, Publisher, Confederation Life Building, TORONTO.

Send for a copy of the second edition of the Canadian Contractor's Hand-BOOK Price, \$1.50; to subscribers, \$1.

TENDERS WANTED

DRAINAGE WORK.

Sealed tenders, endorsed "Tender for Drainage" and addressed to J W. Place, Prescott, Ont., will be received up to the hour of 6 p.m. on SATURDAY, 3RD NOVEMBER, 1894, for the deepening, widening, straightening, etc., of the Nation River and Hills Creek from Lord's Mill, in the Town of Augusta to the Town Line, between Augusta and Elizabethtown.

Estimated Rock Excavation, 1,600 Yards. Estimated Barth Excavation, 12,000 Yards.

Plans and specifications to be seen and forms of ten-der to be had at offices of Saunders & Wiggins, Engi-neers, Brockville, Ont., on and after 23rd October,

neers, Brockville, Ones, o...
The line of proposed work is now staked out.
A certified cheque for \$150.00 in favor of the undersigned Reeve must accompany each tender as a gurantee of good faith.

The lowest or any tender not necessarily accepted. ROBT. L. JOYNT, Reeve.

SAUNDERS & WIGGINS, Engineers.

Augusta, 16th October, A. D. 1894.



Scaled Tenders addressed to the undersigned, and endorsed "Tenders for improvement of the Lower Narrows above Pembr. e.c., River Ottawa, will be received until FRIDAY THE 23RD DAY OF NOVEMBER next, inclusively, for the improvement of the Lower Narrows of the Kiver Ottawa, alove Pembroke, Lower Narrows of the River Ottawa, allowe Pembroke, Ontario, according to a plai and spec fication to be seen at the Post Office, Pembroke, and at the Department of Public Works, Ottawa.

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

form supplied and signification in the acceptance of the Minister of Public Works, for the sum of four hundred dollars (S40000) must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

By order,

E. F. E. ROY,

Secretary.

Department of Public Works, Cottawa, 18th Oct 1894.

BUSINESS NOTES.

John Bennett, builder, Richmond, Ont.,

Napoleon Turcat, plumber, Montreal, has assigned.

Thomas McKee, contractor, Peterboro', Ont., has assigned.

Louis Vermette, contractor, Montreal, has assigned, with liabilities of \$5,000.

Niquet & Brunet have formed a part-nership in Montreal to carry on business as joiners.

The firm of Aikenhead & Crombie, wholesale and retail hardware merchants, Toronto, has been dissolved.

F. B. McNamee, Wm. Mann, F. Simpson and W. G. Turner have formed a partnership in Montreal, as contractors, under the style of McNamee & Mann.

Beland & Martineau, lumber merchants, St. Roch's, Que., are reported to be in financial difficulties. Their liabilities will reach \$60,000.

CONTRACTS OPEN.

PAISLEY, ONT .- D. Fisher will rebuild his woollen mill.

SARNIA, ONT.—An effort is being made to obtain sufficient funds for the erection of a hospital.

VANCOUVER, B. C.—The ratepayers have voted in favor of purchasing an electric light plant, at a cost of \$100,000.

NAPANEE, ONT.—Tenders for the purchase of a number of debentures are invited by A. Oliver, Chairman Finance Committee, until the 29th of November.

ORILLIA, ONT.—Mr. Tait is making preparations for the erection of a brick dwelling. The foundation will be laid this season and the building proper commenced next spring.

GALT, ONT.-The Galt and Preston Street Railway Company will apply to the Legislature for authority to increase their capital stock to \$100,000, and to extend the tine to Hespeler.

PORT HOPE, ONT.—P. R. Randall has been granted a franchise for the construction of an electric railway along the streets of this town and thence to Rice Lake, with probably a branch to Cobourg.

BROCKVILLE, ONT.-A firm of American capitalists are said to be negotiating for a franchise for an electric street railway along the streets of this town. W. H. Comstock, who holds the present franchise, is said to be willing to dispose

LAMBERT, QUE.-The Village Council have decided on the construction of a system of waterworks and drainage, and are inviting plans from engineers for a suitable system. Particulars may be obtained from the Sec.-Treasurer, James R. Beatty.

CONDEN, ONT.—A dam across the Gould Creek, 250 feet long and 35 feet high gave way last week. The electric power house was swept down the gorge for nearly a mile. The property was for nearly a mile. The property was owned by Alex. McLaren, and the loss is estimated at \$9,000.

BEAMSVILLE, ONT .- The construction of waterworks is under consideration by the Council. The scheme is to build a reservor at the mountain to be fed by springs, and mains to be laid extending to the village. The ratepayers will be asked to vote the sum of \$13,000 for the

COLLINGWOOD, ONT.—Fred. T. Hodg-son, architect, is receiving tenders for putin stone foundation under house on Third street.—Local capitalists are said to be considering the formation of a company to build an electric railway for the town, but no further information is available at present.

WINNIPEG, MAN.—The sum of \$200,000 will probably be expended on improvements and extensions to the waterworks system.-The Dominion Government will erect two dairy stations in this province this winter, at a cost of \$4,000 each. The sites have not yet been selected.

PORT DOVER, ONT. -Extensive improvements to the harbor here have been commenced. The Ontario and United States Transportation Company and the G. T. R. Company jointly are to spend \$60,000 on improvements in addition to the work to be carried out by the Governments.

SAULT STE. MARIE, ONT.--It is reported that the Town Council has entered into an agreement with a company of capitalists to construct a complete system of waterworks and electric light. The waterworks contract provides for the laying of four miles of mains and 100 hydrints. The company also propose to erect a large pulp mill, and to expend about \$500,000 within three years.

HAMILTON, ONT.-Wm. Stewart & Son, architects, are inviting tenders until 6 p.m. to-day (Thursday) for erecting a dwelling house on Hannah street.—Building permits have been granted as follows: The Magee-Walton Ice & Coal Company, frame ice house on Strachan street, cost \$4,000; Dr. Farewell, two story brick dwelling on Bay street, between Mark-land street and Aberdeen avenue, cost

NIAGARA FALLS, ONT. - Messrs, Wm. Kyre and R. F. Segsworth, of Toronto, were in town recently in connection with the railway franchise which was re-ently purchased by Toronto capitalists. It is the intention of the company to convert the railway into an electric road, and to extend their line to Drummondville, Queenstown and Chippewa, and for this purpose the Town Council will be asked to grant a bonus of \$50,000.

QUEBEC, QUE.—It is said that the Federal Government has requested the C. P. R. and the parish of Ste. Anne de la Perade to contribute \$5,000 each to-wards the construction of a protecting embankment at that place, to which the Government would add an additional \$10,000.—The site for the proposed Champlain monument has not yet been selected. The monument is estimated to cost \$25,000.

KINGSTON, ONT. — The Montreal Transportation Co., will construct a new dry dock adjoining their shippard here.— Plans have been prepared for improvements to James Reid's store on Princess street. A plate blass front will be put in and the main building will be enlarged.— The Campbell building on Princess street, owned by John Fisher, of Portsmouth, is to be improved by a plate glass front. An extension, 31 × 31 feet, will be built in the

HALIFAX, N. S.-Ald, O'Donnell will erect a brick residence on Robie street.--Tenders for erecting a brick and stone building for the Deaf and Dumb Institute are invited by J. C. Dumaresq, architect, until 6 p. m. on Thursday, the 15th of until 6 p.m. on Thursday, the 15th of November. Plans may be seen at the architect's office after the 30th inst.— Engineers from Ottawa recently inspected the site of the proposed drill shed. It is

expected the plans will be completed in a

few days.
OTTAWA, ONT.- Mr. J. R. Booth has purchased a block of land on Commission street, with the object of building thereon the car shops for the Parry Sound rail way.— The organ in St. George's church is to be partially rebuilt at a cost of \$1,000. The site for the proposed Dominion Reformatory at Alexandria will be selected at an early date. The City Council has resolved to issue debentures to the amount of \$50,000 for the dramage of Da housie ward. The entire work is estimated to cost about \$200,000.— Tenders for the election of a monument at Chrysler's Farm, in the County of Stormont, will be received by A. Benoit, Secretary Militia Department, until Tuesday, the 30th inst. Plans may be seen at the above department.

MONTREAL, QUE. The question of erecting a new fire station for the West Ward is under consideration by the Finance Committee. A sub-committee has been appointed to report. - At a recent meeting of the Chambre de Commerce it was decided to abandon for the present the idea of erecting a new building suitable for their purpose.—Mr. H. R. Falbord, architect, has prepared plans for six tenement buildings to be built by a syndicate; for two three storey stone houses on St. Denis street for E. Trudel; for a three storey house on St. Dominique street for H. Cranger; and also for a three storey house on St. Dominique street for T. C. O'Brien .- The church of the new parish of St. Elizabeth at St. Henry will probably be commenced next spring.—The extensions to the Fabrique of the parish of Notre Dame will also be commenced next spring.—Building permits have been granted as follows. Mrs. G. A. Holland, one two storey stone and brick residence on Pine avenue, cost \$5,500; Frs. Lamoureux, one two storey brick tenement building on Beaudry street, cost \$1,500; A. Labelle, one three storey brick tenement building on Moreau street, cost \$1,300; M. Rochon, three three storey stone and brick tenement buildings on Tupper street, cost \$4,500 each; S. D. Vallieres, one three storey brick tenement building on Fullum street, cost \$1,700; S. Sleep, one two storey tenement brick building on Charron street, cost \$2,200.

TORONTO, ONT .- The by-law authorizing the City Council to expend the sum of \$120,000 in widening the Queen street of \$120,000 in widening the Queen street subway was carried by the ratepayers on Saturday last. The work will now be proceeded with at an early date.—Ten-ders are invited by Mr. Edmund Wragge, local manager Grand Trunk Railway, until Friday, the 26th inst. for steam heating apparatus for the new Union Station. Plans may be seen at the office of the architects. Messrs. Strickland & Symons, Victoria street. At the last meeting of the Parks and Gardens Committee, of the City Council, Commissioner Chambers submitted plans and estimates for work to be done in the Queen's park. The total cost of the works, which include a granolithic sidewalk and a carriage drive, is placed at \$4,523. Before taking any action, it was decided to find out what portion of the expense would be borne by the Provincial Government.—Regarding the Island improvements, the Commissioner reported that it would cost approximately \$11,000 to fill up the lagoons at Island Park, \$1,500 to the l having stone buttresses, a span at each f 30 feet, and a central span of 60 The Committee decided to ask the Council to sanction the expenditure, and tenders may be invited at an early date.—The City Council has given notice of its intention to construct the following works: concrete cement sidewalks on Adelaide street from post-office to Church street; Queen street, from John street to Spadina ave., and Lombard street, from Church street to Victoria street, estimated cost, \$708, \$5,275 and \$1,280 respectively; cedar block roadway on Bloor st., from

Dufferin st. to Lansdowne ave., cost \$6,550; asphalt pavement on Leader Lane, cost \$1,164; granolithic sidewalk on Leader Lane, cost \$1,420. Messrs. Denison & Fellows, architects, have prepared plans for a new hotel to be erected at Hanlan's Point. In connection with the project there will also be constructed a bicycle track, a pavilion capable of seating 3,000 persons, and an electric light tower 300 feet high with an electric search light at the top. The cost of the several works will exceed \$100,000 .- Building permits will exceed \$100,000.—Building permits have been granted as follows. Geo. A. Elliott, 176 Royborough st., pr. s. d. 2 story and attic bk. dwellings, 62-4 Royborough ave., cost \$6,000; Toronto Street Railway Co., one story bk. car house, w. side Roncesvalle ave., cost \$20,000; C. Parker, 17 Boswell ave., 4 det. 2 story and attic bk. dwellings, s. e. cor. Avenue Road and Scollard st., cost \$12,000; John Trick, 95 Bloer st. w., det. 2 story and Trick, 95 Bloor st. w., det. 2 story and attic bk. dwelling, 42 Avenue road, cost \$6,000; Corporation of Toronto, an additional story and alterations to south end of St. Lawrence market, cost \$3,500.

FIRES.

The Northern Elevator Co.'s grain elevator at Portage la Prairie, Man., was burned last week. Loss \$25,000; insurance, \$12,000. – The premises of Stewart Bros., general merchants, Renfrew, Ont., were damaged by fire last week to the extent of \$2,500.—At St. Jerome, Que., on the 19th inst., fire destroyed Campeau's hotel, loss \$9,000; insurance \$4,000; a ore and house owned by T. Lapointe, of Terrebonne, loss, \$8,000; insurance, \$5,000; Castonguay's house, less \$4,000; insurance \$2,400; E. Guilbault's house and adjoining buildings, loss \$4,000; covered by insurance, X. Labelle's house, loss \$4,000; the second state of the second state loss \$1,200; insurance \$800.—A frame building at 46 Wellington street, Toronto, owned by Barlow Cumberland, was damaged by fire on Sunday last to the extent of \$1,500.—An hotel building at Belocil Station, Que., owned by Mr. Loisseau, was consumed by fire last week. \$7,000.—The round-house of the Intercolonial Railway at Riviere du Loup, Que., was totally destroyed by fire on the 20th inst. The loss is estimated at \$200,000. — The Continental hotel at Madoc, Ont., has been destroyed by fire. Loss \$5,000.—A terrace of fifteen houses at Little River, Que., owned by Dr. Elliott, were destroyed by fire on the 23rd inst. The loss is \$17,000 and the insurance \$11,000.—The premises of W. C. White beller makes to enter Premises. White, boiler-maker, corner Brennan and Nazareth streets, Montreal, were damaged by fire on Tuesday to the extent of \$5,000, covered by insurance.—The Toronto House at Collingwood, Ont., has been burned. Loss, \$3,000: insurance, \$1,350.

CONTRACTS AWARDED.

WINNIPEG, MAN .-- The contract for erecting a mission church on Dufferin wenue has been let to Robinson & Ames. The plans were prepared by M1. Andrews.

LONDON, ON r. - The Middlesex County Council last week awarded the contract for a bridge at Bryon to T. E. L. Talbot, at \$1,745, on condition that he agree to complete the work by Dec. 20. Otherwise the next lowest tenderer, Bros. will receive the contract at \$1,748.

COLLINGWOOD, ONT.- The contracts for building a field stone half-timbered house on the Mountain for Mr. B. B. Osler, Q. C., of Toronto, have been awarded as follows: masonry, R. Burdett; woodwork and finishing, Bryan Bios., plumbing Wm. Anderson. The total cost of the house will be about \$10,000. The architect is Mr. E. B. Jarvis, of Toronto.

MONTREAL, QUE.—Mr. E. C. French, Canadian agent for the Babcock & Wilcanadian agent for the Babcock & Wilcox Co., of New York has recently closed contracts for 630 h.p. of boilers for the Dominion Coal Company, Sidney, C. B., and 372 h.p. for the new Union Station, Toronto.—Mr. H. R. Falbord, architect, has availed contracts of College, recent has awarded contracts as follows: reconstruction of a school on Dorchester st., for R. E. Painchaud, plastering, T. Leclaire; two three storey stone front buildings, Rachel st., for Miss H. Picotte: carpenter and joiners' work, S. Paquette; plumbing and heating, Blouin, Girard & Collard; reconstruction of a store and tenement on St. Lawrence st., for H. Granger, general contractor, N. Lavoie; four three storey brick buildings at St. Henry, for A. Lawrence: excavation and stone work, Gauthier & Coté; carpenter and joiners' work, done by proprietor, other trades not let.

NEW COMPANIES.

MONTMAGNY, QUE. — Montmagny Manufacturing and Electric Co., incorporated; capital stock, \$10,000; to manufacture lumber and electric apparatus.

SMITHVILLE, ONT.—Safe Lock Metal Shingle and Siding Co., incorporated; capital, \$3,000; to manufacture and lay metal roofing and ceilings, cornices, etc.

PETROLEA, ONT. - Petrolea Light, Heat and Power Co., applying for incorporation, capital \$50,000, to pump oil by electricity from wells and to light the town by electricity.

OWEN SOUND, ONT.--Georgian Bay Portland Cement Co., incorporated; capital \$95,000; to manufacture cement, brick, tiles, etc., incorporators, H. B. Harrison, W. Taylor, N. P. Horton and

QUEBEC, QUE .- Quebec City and Dis trict Railway Company, applying for in-corporation, to construct railways and electric tramways in the city and adjoining counties. Incorporators, Hon. L. P. Peletier, P. B. Dumoulin, of Quebec and and others.

TORONTO, ONT.-Gold Dredging and TORONTO, ONT.—Gold Dredging and Placer Mining Co., seeking incorporation; capital \$40,000; incorporators, J. Annes, J. Perkins, Alex. Leslie and H. H. Dewart, of Toronto, and J. Mulholland, of Charles City, Ohio.—Reid Bros. Mfg. Co., incorporated; capital \$50,000; to manufacture billiard and pool tables, also Pacide patent bent rim wood split pulley. Reid's patent bent rim wood split pulley, incorporators, J. W. Reid, W. T. Reid, W. P. Despard and others.

USES OF RESIN.

There are many useful purposes to which resin can be applied outside of those of general practice. As a non conductor of heat it is used in the protection of water-pipes, particularly in crossing bridges, where the pipe is laid in the middle of a long box and the whole filled with melted resin. Resin is also used in supporting basement doors in machine shops, which may be laid over some dry material, as

spent moulding sand, which is carefully levelled off, and the planking laid upon temporary supports separating it about two inches above the sand. Numerous holes, about two inches in diameter, being bored through these planks, melted resin is forced through them by means of tunnels until the whole space is solidly filled, and then the upper flooring is laid upon these planks. In case the floor is subto shocks sufficient to break the resin, it rapidly joins together in much the same manner as the relegation of ice. Resin is also used to form waterproof paper for use in butcher's shops, fish markets, and also for building purposes, and strange to say this improvement reduces the cost of a paper. All methods of applying resin in solution after the paper is finished adds heavily to its cost and also renders it very brittle; but if resin is dissolved in potash and mixed with the pulp in the beating engine, and this alkali afterwards treated with alum, it becomes neutralized and washed away, leaving the finely diffused resin through-out the whole mass. It is also used for protecting the coarser manufactured pro-ducts, such as agricultural implements, against rust, by mixing it in a solution with benzine. This is applied as a var-nish and the benzine rapidly dries away nish, and the benzine rapidly dries away leaving a coat which protects the material until it goes to the severe service of actual use.—Engineering.

HISEFUL HINTS.

A mixture of litharge and boiled oil makes a cement in which there is no moisture.

Bichromate of potassium renders glue insoluble after drying and exposure to sun-

DETERMINING STRAIGHTNESS BY SIGHT.—The straighest thing in nature or art is a ray of light when passing through a medium of uniform density; hence the eye is enabled to test the straightness of an edge or tube by holding it as nearly as possible coincident with a ray of light, such parts as depart from straightness then intercepting the ray and causing a shade to be cast upon other parts, says Engineering Magazine. It is not known at what early period in the history of mankind the discovery was made that straightness could be thus determined. It is certain that thousands of mechanics use the method daily without being able to give a rational explanation of it. primitive mode of testing straightness, on account of its great convenience and accuracy, is likely to continue in use to the end of the world.

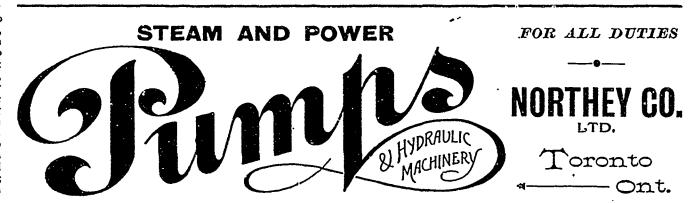
The Hamilton Bridge Company, of Hamilton, have assigned, as the result of a judgment obtained against them for \$10,000. The company is said to be able to meet its obligations.

Paving Granite

Granite Sets for Street Paving.

CURBING cut to any shape ordered. Quarries, St. Phillipe d'Argenteuil, P. Q.

Address all communications to JOS. BRUNET - COTE DES NEIGES, MONTREAL



MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

J. M. SHANLY

M. CAN. SOC C. B. M. AM. SOC C. B.

CIVIL ENGINEER.

STANDARD BUILDING MONTREAL

Surveys, Plans, Estimates, &c., for Water Works,
Sewerage, Water power projects, Bridges, Railways, &c.

... CONSTRUCTION SUPERINTENDED.

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

CIVIL AND SANITARY ENCINEER
Water Works - Sewerage
Sewage Disposat
103 BAY STREET - TORONTO.

J. McDOUGALL, C. E., GENERAL MUNICIPAL ENGINEER

Consulting Engineer for Municipalities in regard to Electric Railway and other Franchises. Specialties: dridges, Foundations, Electric Railways, and Roads. Surveys made; Plans, Specifications and Agreements prepared, and work superintended. 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 MACDOUCALL

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

CIVIL, SANITARY ENGINEER

32 East Adelaide St. -TORONTO

SURVEYS AND ESTIMATES PREPARED for all classes of municipal work, water powers, road improvement. Construction superintended.

JOHN D. EVANS, O.L.S.

MEM. CAN. SOC. C. E. LAND SURVEYOR

Civil Engineer : Architect Special attention given to Consulting and Municipal Work.

GRASS' BLOCK, FRONT ST., TRENTON, ONT.

E. D. MORRIS

Direct Importer and Dealer in

Best English and Canadian

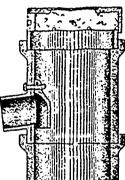
PORTLAND CEMENTS

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

Omces: 36 Victoria St. - TORONTO

THE "IMPROVED"

GEORGE GULLEY OR STREET DRAINING WELL.



AND 1893.

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

OVER 6.000 KOW .. IN USE.

Not ONE complaint.

For further particulars, apply

LEWIS SKAIFE, Manager New York Life Building MONTRBAL.

Drummond McCall Pipe Foundry Company,

MONTREAL MANUFACTURERS OF

PRICES ON APPLICATION.

HAMILTON AND TORONTO SEWER PIPE CO.



-Fon-

CULVERTS, AND

WATER PIPES.

INVERTS **Fire 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

CANADIAN MINERAL WOOL CO., Limited, 122 BAY St., TORONTU 707 NEW YORK LIFE BUILDING Montreal Agent: LEWIS SKAIFE

Fire Bricks and Cement

DRAIN AND WATER PIPES SANITARY EARTHEHWARE LONDON PORTI AND CEMENT

Paving and Scorla 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,

31 Wellington Street, - MONTREALL
Sole Agents for
THE "CRAHTRYX" SMOKE TEST AND DISINFECTING MACHINE.

Artificial . .

Granite Stone Pavements

STREETS, SIDEWALKS, BASEMENT FLOORS, ETC.

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

GRAHAM

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

G. A STIMSON, 9 Toronto Street, Tor N.B.—Money to loan at lowest rates on first mo

TESTS OF OUR

Thorold

ments and Piers for Bridges, Concrete for Foundations, Cisterns, Cement Drain Pipe, Flours for Cellars and Stables Sewers and all Mason Work in moist or wet places.

10,000 BARRELS

of Thorold Cement were used in the construction of the Great St. Clair Tunnel. Joseph Holson, Esq., Grand Trunk Railway, chief engineer, Wm. Gibson, Esq., M. P., contractor,

MANUFACTI RED IN

ESTATE OF JOHN BATTLE.

Thorold, Ontario.

ORTLAND EMENT

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.

GOPP BROS. GO., (LIMITED) THE



The only Manufacturers in Canada and Sole Owners of the Canadian Patents of the American

CHAMPION ROAD MACHINES CHAMPION ROCK CRUSHER CHAMPION SGEEL ROAD ROLLER

Catalogues Free. Correspondence Solicited

COPP BROS. CO. ADDRESS: HAMILTON, ONT.

ANADA PIPE AND FOUNDRY CO.....

Cast Iron Pipes and Special Castings

Works: MONTREAL AND ST. HENRI, QUE.

CORRESPONDENCE SOLICITED.

ST. JOHNS, P, Q., (LIM.)



Manufacturers of

Salt-Glazed Vitrified

SEWER

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

& J. BROWN MFG. CO. THE G.

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. Specialities: 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.

Prices of Building Materials.

CONDITION OF THE MARKET.

Builded's supplies for the past week have been somewhat active, and proces are firm. In general hardware a very satisfactory business is reported. The receipts for cement at Montreal for the week ending Sept. 22 were 4,750 barrels. Orders are being received principally for car lots, and prices remain unchanged. Firebricks are steady at from \$15.50 to \$22 per thousand. The demand for trop tipe and galvanized iron is good, and shipments are comparatively large. Glass and paints and oils are quiet.

LUMBER.

CAR OR CARGO LOTS.

CAR OR CA	Toro	nto.	Mont	real.
1% to 2 clear picks. Am ins 1% to 2 three uppers, Am ins 1% to 2, pickings, Am ins 1 inch clear	3-100	7.6.00		₹45 ∞
12 to relear picks. Am us.	. 13 000	- ,0 00	40 00	45 00
12 to a makings Amins	•	26.00	27 ∞	30 ∞
inch class		-000	52 50	60 00
1 inch clear	i		J- J4	
hetter	30.00	22 00	1500	20 00
i better i x 10 and 12 mill run	. 16 00	12.00		10 00
1 x 10 and 12 dressing 1 x 10 and 12 dressing 1 x 10 and 12 common 1 x 10 and 12 spruce culls 1 x 10 and 12 culls 1 inch clear and picks 1 inch dressing and better 1 inch sidner mill run.	20.00	22 00		19 ∞ 18 ∞
t v to and ta common	.1300	14 00	8 00	10 00
1 v to and 12 spruce culls	.10 00	11 ∞	10 00	11 00
t x to and recult	9 00	10 00		9∞
i inch clear and picks	28 00	32 X	33 ∞	35 ∞
tinch dressing and better	.2 00	22 00	18 ∞	20 00
t inch siding, mill run	. 14 00	15 00	14 00	1600
i inch siding, common	. 12 00	1307	12 00	14 00
I inch siding, ship culls	.1100	12 00	10 00	11 00
1 inch siding, mill culls	900	10 00	8 ∞	
Cull scantling	. ა∞	9∞	8 00	9∞
114 and thicker cutting up)			
plank	24 00	26 ∞	22 OO	3€ 00
t inch siding, common. 1 inch siding, ship culls. 1 inch siding, mill culls. Cull scantling. 12 and thicker cutting up plank. 1 inch strips, 4 in to 8 in. mil				
		15 00	14(0	1500
t inch strips, commot	11 00	12 0)	11 00	12 00
1% inch nooring	16 03	17 (0	14 (0	1000
1% inch flooring	1003	17 00	14 00	10 00
AAA sningles, sawi, per ni		- 6-	2 60	260
XX shingles, sawn	2 30	2 fo 1 60	2 60 1 65	1 70
Lath			. 05	. 70
	- 40			
Mill cull boards and scanting	TATIO	vs.		10 00
		10 00		10 00
miscuous widths. Shipping cull boards, stocks Hemlock scantling and joist	•			1300
Chinespe and baneds seach	•	13 00 16 ∞		1000
Hamlock scantling and init	•	10 00		
nemock scanning and joist	1100			10 00
up to 16 ft	~			
up to 18 ft	1200	3 00	12 00	3 (0
up to 18 ft Hemlock scantling and joist up to 20 ft		3 00		3.0
up to 20 ft	1200	14 00	13 00	14 CO
Cedar for block paying, per			.,	
cord		5 00		500
		•		•
per M		14 00		14 00
Scantling and jost, up to 16 f	t	14 00		14 CO
" · · · · · · · · · · · · · · · · · · ·	t	15 ∞		15 (0
	ŧ	16 O		600
Scantling and joist, up to 22 f	t	17 0€		17 ∞
24 (ζ.	19 00		1910
201	Į.	20 00		21 00 23 (d 25 00
20.		22 30		23 (a
. 10.1	t.	24 00		25 00
321	t .	27 00		27 00
	:	32 00		29 50 31 00
36 f		31 00		31 00
" 35 I	:	33 00 34 00		33 00 36 (0
		34 00		30.0
thicker, dry Cutting up planks, 1% and thicker, board	25 00	99 oo	25 00	2600
Cutting up planks, 11/2 and	- 5		•••	
thicker, board	18 ∞	24 2 .	28 oo	22 00
B. M. 1½ in flooring, dressed, F. M. 1½ inch flooring, rough, B. M. 1½ in dressed, F. M.: 1½ "dressed, F. M.: 1½ "dressed, E. M.: 1½ "dressed. 1½ "dressed. 1½ "dressed.				
1 1/2 in flooring, dressed, F.M.:	26 00		28 ov	00 او
134 inch flooring, rough, BM.	18 co	22 CO	18 ∞	22 00
1% " dressed, F.M.:	25 00 :	જ છે		30 ∞
1% undressed, BM.	18 00			19 00
dressed	1800	000	18 00	33.0>
	~-	15 OC	12 00	25 OO
Beaded sheeting, dressed	30 00	35 ∞	22 00	35 00
VVV tame chieved.		12 00		12 00
Beaded sheeting, dressed Clapboarding, dressed XXX sawn shingles, per M 18 in Sawn lath Cedar Red oak White Basswood, No. 1 and 2 Cherry, No. 1 and 2				7.4
Sawn lath	2 30	2 79 2 60		3 (O
Cedar	2 70	2 90	2 50	3 00
Red oak	20.00	1000	30 00	4000
White	3700	15 00	35 00	45 00 45 00
Basswood, No. 1 and 2.	28 00	10 00	35 00 18 00	2000
Cherry, No. 1 and 2	70 00 4	90 00	70 00	80
	1			-

Tr.	oronto. H	Inntraal	
White ash, No. 1 and 2 Black ash, No. 1 and 2 Dressing stocks	20 00 30 00	18 00 30 00	Cement, Belgian, per b
ricks, American inspection	30 00	16 00 22 00	ii Roman "
Three uppers, Am. inspection		50 00	n Superfine "
BRICK-	•	4	" Thorold, "Queenston, "
Common Walling	6 50 8 00	6 ∞ 8 50	" Napanee, "
Sewer	-	850 900	Keene's Coarse "Whites
Prenned Brick, Per M Red, No. 1, f.o.b. Beamsville	7: 16 o		Calcined plaster, per bar
Beff	14 OV		Fire Bricks, Newcastle, po
B.f	31 00 30 on		Lime, Per Barrel, Grey White
Brown Roman Red Buff Brown	74 CO 30 OO		Plaster, Calcined, N. B. N. S.
" Buff	35 ∞		Hair, Plasterers', per ba
Sewer,	40 00 7 50		HAR
Hard Building Roof Tiles	.7 50 6 0 22 00		Cut nails, 5 d & 6 d, per
Hip Tile(each)	20		CUT NAILS, FEN
Ridge Tile	60		40d, hot cut, per 10 lbs
Red "A" f. o. b. Don Valley Red "B" " " " Red "C" " " "	18 00 16 00	25 00 20 00	zod, 16d and 12d, hot cut,
Red "C" "Trojan and Corinthian	31 00 12 00	17 00 28 00	red, hot cut, per roo lbs.
Pompeiian	22 00	20 00	rod, ho; cet, per 100 lbs. 8d, 9d, 6d, 7d,
Athenian and Egyptian Tyrian	35 00 35 00	31 00 41 00	4d to 5d, " " " .
Sicilian	40 00	45 00	2d, """.
Carthaginian	35 00 40 00	40 00 45 00	4d to 5d cold cut, not polis or blued, per 1co lbs
Ornamental		30 00 100 00	3d to 5d cold cut, not poris
and " " " " "	it 14 00 12 00	18 00	or blued, per 100 lbs
	8 00	15 00 12 00	ad, ner rollhe
Hard building brick Ornamental, per 100	650		2d, " CASING AND BUX, PI OORII
SAND			
Per Load o 11/2 Cubic Yards	1 25	1 25	12d to 3od, per 100 lbs 10d, """ 8d and od. """"
STON	T.		(3 -3) (1) (1
Common Rubble, per toise, delivered.	****		
Large flat Kubble, per toive,	14 66	14 00	3d, " "
delivered	18 00 50	18 ∞ 50	3 inch, per 100 ll
Foundation Blocks, per c ft. Kent Freestone Quarries Moncton, N. B., per cu	•	•	2 10 2 1/2 " " "
ft., fo.b. River John, N. S., brown	t oo		134 to 134 " "
Freestone, per cu. ft., f.o.b.	95		1 " "
Ballochmyle	80 go	65 75	5d, per 100 lbs
Granite (Stanstead) Ashlar, 6		1 05	4d, " "
in. to 12 in., rise 9 in , per ft.		70 80	2d, " "
Thomson's Gatelawbridge, cu. I Credit Valley Rubble, per car	ſt.	75 80	
of 15 tons, at quarry Credit Valley Brown Cours-	8 00		INDI
ing, up to to inch, per sup.			111101
yard, at quarry	1 75		
sion, per cu. ft at quarry			
	60		
Credit Valley Grey Coursing, per superficial yard	60 150 200	2 15	Architects.
Credit Valley Grey Coursing, per superficial yard Credit Valley Grey Dimen- sion, per cubic foot		_	Architects. Ontario Directory III Queoec Directory iii
Credit Valley Grey Coursing, per superficial yard	60	75	Ontario Directory III Que oec Directory ii
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise	60 1 50 2 00 1 50 24 50	_	Ontario Directory III Queoec Directory iii Architectural Sculp- tors and Carvers.
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per tosse	60	75	Ontario Directory III Queoec Directory ii Architectural Sculp- tors and Carvers. Holbrook & Molling-
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimen- sion, per cubic foot Madoc Rubble, delive ed, per toise Madoc dimension floating, f. o, b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscours, fo. b.	60 60 1 00 14 50 30 32 60	75	Ontario Directory . III Queoec Directory . iii Architectural Sculptors and Careers. Holbrook & Mollington i Wagner, Zeid'er &
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimen- sion, per cubic foot Madoc Rubble, delive ed, per toise Madoc dimension floating, f. o, b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscours, fo. b.	60 1 00 14 50 10 32 60 65 80	75	Ontario Directory
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubhle, delive ed, per tosse. Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestene, No. 1 Blue Promiscuous. f.o.b No. 1 Blue Dimension No. 1 Buff Promiscuous No. 1 Buff Dimension The above prices means	60 1 00 14 50 10 32 60 65	75	Ontario Directory . III Queoec Directory . iii Architectural Sculptors and Careers. Holbrook & Mollington i Wagner, Zeid'er &
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot Madoc Rubble, delive ed, per toise Madoc Aubelle, delive ed, per toise Madoc dimension floating f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscuous f.o.b No. 1 Blue Dimension No. 1 Buff Promiscuous No. 1 Buff Promiscuous The above prices means freight and duty paid.	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85	75	Ontario Directory
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	60 32 00 60 32 60 65 80 85	75	Ontario Directory
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubhle, delive ed, per tosse	1 50 2 00 60 1 00 14 50 70 32 60 65 80 85 11 13 1/4 16 2/2	75	Ontario Directory III Queoce Directory ii Architectural Sculptors and Carcers. Holbrook & Mollington i Wagner, Zeid'er & Co III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co Volume
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot Madoc Rubhle, delive ed, per tose Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscuous, f.o.b No. 1 Blue Dimension No. 1 Buff Promiscuous. No. 1 Buff Dimension The above prices means freight and duty paid. 2 in. sawed flagging persq.ft 2 in. u """ 37 """""" 37 """"""""""""""""""""""	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85 11 131/4 161/4 22 27/4	75	Ontario Directory
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 1 00 14 50 70 32 60 65 80 85 11 13 1/4 16 2/2	75	Ontario Directory
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot Madoc Rubhle, delive ed, per tose Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscuous. f.o.b No. 1 Blue Dimension No. 1 Buff Promiscuous No. 1 Buff Dimension The above prices means freight and duty paid. 2 in. Sawed flagging per sq.ft 2 in. 1 " " Duty to be added to these prices. Quebec and Vermont rough	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85 81 1314 1614 22 2714	75	Ontario Directory III Queoce Directory ii Architectural Sculptors and Careers. Holbrook & Mollington i Wagner, Zeid'er & Co III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vi Dominion Bridge Co. I Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork.
Credit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot Madoc Rubhle, delive ed, per tose Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscuous. f.o.b. No. 1 Blue Dimension No. 1 Bluf Promiscuous. No. 1 Buff Dimension The above prices means freight and duty paid. 2 in. sawed flagging persq.ft 2 in. in. in. Duty to be added to these prices. Quebec and Vermont rough granite for kuilding purposes, per c.ft. f.o. b, quarry	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85 11 13/4 16/4 22 27/4 33	75	Ontario Directory
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85 81 1314 1614 22 2714	75	Ontario Directory
Cicdit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	60 14 50 32 60 65 80 85 11 13 14 16 16 16 16 16 16 16 16 16 16 16 16 16	75	Ontario Directory III Queoec Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington. i Wagner, Zeider & Co. III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. vi Dominion Bridge Co. Ii Meadows, Geo. B. ii Shipway Mfg o. iv Whitfield, John. I Art Woodwork. Knechtel, S. III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed
Ciedit Valley Grey Coursing, per superficial yard	60 65 80 85 11 13 13 1 50 35 20 35 20	75	Ontario Directory
Credit Valley Grey Coursing, per superficial yard	1 50 2 00 60 60 14 50 30 32 60 65 80 85 11 13 13 16 16 16 16 16 16 16 16 16 16 16 16 16	75	Ontario Directory III Queoce Directory ii Architectural Sculptors and Carvers. Holbrook & Mollington ii Wagner, Zeider & Co
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 1 00 14 50 30 32 60 65 80 85 80 11 13 14 16 16 22 27 16 33 33 1 50 35 2 0 50 00	75 14 00 14 50	Ontario Directory III Queoec Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeider & Co III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vi Dominion Bridge Co. ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, SIII Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick Co viii Morris, E. D vi Port Credit Pressed Brick & Terra Cotta Co., Limited viii
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 100 14 50 32 60 65 80 85 11 13½ 16½ 22½ 33 33 35 20 50 00 70 .	75 14 00 14 50 20 00 10 00	Ontario Directory III Queoce Directory ii Architectural Sculptors and Careers. Holbrook & Mollington i Wagner, Zeid'er & Co 111 Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	60 65 80 85 11 13 14 50 33 1 50 35 20 50 60 7° 18 50 850 850 850	75 14 00 14 50 20 00	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co III drehitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Mominion Ornamental Iron Co vii Mominion Bridge Co. I Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies.
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 14 50 30 32 60 65 80 85 11 13 14 16 16 16 16 16 16 16 16 16 16 16 16 16	75 14 00 14 50 20 00 10 00 6 00	Ontario Directory III Queoce Directory ii Architectural Sculptors and Carvers. Holbrook & Mollington ii Wagner, Zeider & Co
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise	1 50 2 00 60 60 100 14 50 32 60 65 80 85 11 13½ 33 33 33 35 20 50 00 70 8 50 8 50 8 50 8 50 8 50 8 50	75 14 00 14 50 20 00 10 00 6 00	Ontario Directory III Queoce Directory ii Architectural Sculptors and Careers. Holbrook & Mollington ii Wagner, Zeid'er & Co III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex v Currie & Co., W & F.P. xii Clatworthy, Geo iz Maguire Bros i
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 100 14 50 32 60 65 80 85 11 13½ 33 33 33 35 20 50 00 8 50 8 50 11 150 150 150 150 150 150 150 150 1	75 14 00 14 50 20 00 10 00 6 00 7 50	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co III drehitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Mominion Ornamental Iron Co vii Morit, Ed. (Pressed). Beamsville Pressed Brick (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex viii Builders' Supplies. Bremner, Alex viii Morrie & Co., W& F.P. xii Clatworthy, Geo ix Maguire Bros viii Morrie Co., viii Morrie & Co., Viii Morrie & Co., Viii Builders' Supplies.
Ciedit Valley Grey Coursing, per superficial yard	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 11 13 1 50 33 33 13 1 50 35 20 50 00 70 18 00 9 00 8 00 25 00 21 00 10 10 10	75 14 00 14 50 20 00 10 00 6 00 7 50	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co III Architectural Iron-Work. B. Greening Wire Co. xii Domnino Ornamental Iron Co vi Domnino Ornamental Iron Co vi Domnino Ornamental Iron Co vi Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Hart Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co viii Morris, E. D vi Post Credit Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros vi Taylor Bros vi Builders' Supplies. Bremner, Alex v Currie & Co., W& F.P. xii Clatworts, E. D vi Morris, E. D vi Morris, E. D vi Ruigeire Bros i Morris, E. D vi Morris, E. D vi Rice Lewis & Son IV Vokes Hardware Co i
Ciedit Valley Grey Coursing, per superficial yard	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 81 11 13/4 16/4 22 27/4 33 33 1 50 35 20 50 00 70 18 00 9 8 50 8 50 8 50 8 50 8 50 8 50 8 50 8 50	20 00 10 CO 6 00 7 50 6 00 6 25 7 50 6 00 6 00 6 00 7 50	Ontario Directory III Queoce Directory ii Architectural Sculptors and Carvers. Holbrook & Mollington ii Wagner, Zeid'er & Co III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co ii Meadows, Geo.B ii Shipway Mig o iv Whitheld, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick Co viii Morris, E. D viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Builders' Supplies. Bremner, Alex viii Taylor Bros viii Clatworthy, Geo ix Maguire Bros ix Maguire Bros ix Morris, E. D vi Rice Lewis & Son IV Vokes Hardware Co i Building Stone
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 1 00 14 50 30 32 60 65 80 85 80 87 16/4 27/4 33 35 20 50 00 8 00 8 00 8 00 1/8 00 8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 8 00 1/8 00 1	75 14 00 14 50 20 00 10 00 6 00 7 50 6 00 6 150 1 75 90 1 00	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co iIII drchitectural Iron-Work. B. Greening Wire Co. xii Domninon Ornamental Iron Co vii Meadows, Geo.B ii Shipway Mig o iv Whitfield, John i Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co viii Morris, E. D vi Port Credit Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex v Currie & Co., W & F.P. xii Clatworthy, Geo ix Maguire Bros iv Morris, E. D vi Rocal Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex v Currie & Co., W & F.P. xii Clatworthy, Geo vi Morris, E. D vi Rocal Bros vi
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 1 00 14 50 70 65 80 85 80 85 11 13½ 16½ 27½ 33 13 1 50 35 20 50 00 70 18 00 8 00 175 10 10 175 10 10 175 10	75 14 00 14 50 20 00 10 00 6 00 7 50 6 00 7 50 10 175 90 10 12 4 6	Ontario Directory III Queoce Directory ii Architectural Sculptors and Careers. Holbrook & Mollington ii Wagner, Zeid'er & Co
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 80 85 11 13½ 33 33 1 50 35 2 0 50 00 70 18 00 9 00 8 50 8 50 8 50 8 50 8 50 8 50 8 50 8	20 00 10 CO 6 00 7 50 8 00 10 CO 6 00 7 50 8 00 10 CO 6 00 7 50 8 00 10 CO 6 00 7 50	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co iII drchitectural Iron-Work. B. Greening Wire Co. xi Domninon Ornamental Iron Co vi Domninon Ornamental Iron Co vi Domninon Bridge Co. Ii Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co viii Morris, E. D vi Port Credit Pressed Brick Co viii Taylor Bros viii Morris, E. D viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Muldlers' Supplies. Bremner, Alex v Currie & Co., W & F.P. xii Clatworthy, Geo ix Maguire Bros vi Morris, E. D vi Morris, E. D vi Morris, E. D vi Morris, E. D vi Morris, E. O vii Muldlers' Supplies. Bremner, Alex v v Currie & Co., W & F.P. xii Clatworthy, Geo ix Maguire Bros vi Morris, E. O vii Morris, E. O vii Morris, E. O viii Taylor Bros viii
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot	1 50 2 00 60 60 1 00 14 50 30 32 60 65 80 85 80 87 11 13/4 27/4 33 33 1 50 35 20 8 50 8 50 8 50 8 50 8 50 8 50 8 50 8 5	75 14 00 14 50 20 00 10 00 6 00 7 50 8 00 10 17 50 10 12 4 6 15 20 7 12 20 20	Ontario Directory III Queoce Directory ii Architectural Scueptors and Carcers. Holbrook & Mollington i Wagner, Zeid'er & Co III Architectural Iron i Wagner, Zeid'er & Co iII Architectural Iron i Dominion Ornamental Iron Co i Dominion Bridge Co. I Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Builders' Supplies. Bremner, Alex v Currie & Co., W & F P. xii Clatworthy, Geo ix Morris, E. D viii Morris, E. D viii Taylor Bros viii Builders' Supplies. Bremer, Alex v Currie & Co., W & F P. xii Clatworthy, Geo ix Morris, E. D viii Morris, E. D viii Morris, E. D viii Huilders' Brone Dealers Carroll, Vick & Co vii Builders' Hard- icare. Rice Lewis & Son IV Vokes Hardware Co i
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise MadocRubble, delive ed, per toise Madoc dimension floating. f. o. b, Toronto, per cubic ft. Ohio Freestene, No. 1 Blue Promiscious. f.o.b. No. 1 Buff Promiscious. No. 1 Buff Promi	\$ 50 2 00 60 60 100 14 50 30 32 60 65 80 80 80 80 33 11 15 33 15 30 70 18 00 19 10 10 17 10 17 10 17 10 17 17	20 00 10 00 6 00 7 50 10 00 6 00 7 50 10 10 10 12 4 6 15 20 10 12 20 12 21 22 12 25 12 18	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co iII drchitectural Iron-Work. B. Greening Wire Co. xi Domninon Ornamental Iron Co vi Domninon Ornamental Iron Co vi Domninon Bridge Co. Ii Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co viii Morris, E. D vi Port Credit Pressed Brick Co viii Taylor Bros viii Morris, E. D viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Muldlers' Supplies. Bremner, Alex v Currie & Co., W & F.P. xii Clatworthy, Geo ix Maguire Bros vi Morris, E. D vi Morris, E. D vi Morris, E. D vi Morris, E. D vi Morris, E. O vii Muldlers' Supplies. Bremner, Alex v v Currie & Co., W & F.P. xii Clatworthy, Geo ix Maguire Bros vi Morris, E. O vii Morris, E. O vii Morris, E. O viii Taylor Bros viii
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise. MadocRubble, delive ed, per toise. Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscious, f.o. b. No. 1 Buff Promiscious. No. 1 Buff Promiscious. No. 1 Buff Promiscious. No. 1 Buff Dimension The above prices means freight and duty paid. a in. sawed flagging persq.ft 2 1 " " " " " 3 1 " " " " " " 3 2 " " " " " " 3 2 " " " " " " 3 2 " " " " " " 3 2 " " " " " " 3 3 " " " " " " 4 " " " " " " " 5 1 " " " " " " 5 2 " " " " " " 5 3 " " " " " " 5 3 " " " " " " " 5 3 " " " " " " " 5 4 " " " " " " " " 5 5 " " " " " " " " " 5 5 " " " "	\$ 50 2 00 60 60 100 14 50 30 32 60 65 80 85 111 124 127 33 33 33 1 50 35 20 8 00 70 8 50 8 50 8 50 8 50 8 50 8 50 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10	20 00 14 50 10 10 10 10 10 10 10 10 10 10 10 10 10	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co iIII drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Morinion Bridge Co. II Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co viii Morris, E. D vi Port Credit Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros vi Taylor Bros vi Taylor Bros vi Maguire Bros vi Maguire Bros vi Maguire Bros vi Morris, E. D vi Rice Lewis & Son IV Vokes Hardware Co i Builders' Hard- teare. Rice Lewis & Son IV Vokes Hardware Co i Creosots Stains Cabot, Samuel IV Church and School
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot Madoc Rubble, delive ed, per toise Madoc dimension floating f. o. b, Toronto, per cubic fi. Ohio Freestone, No. 1 Blue Promiscuous. f.o.b. No. 1 Buf Dimension No. 1 Buff Promiscuous. No. 1 Buff Promiscuous. No. 1 Buff Dimension The above prices means freight and duty paid. 2 in sawed flagging persq.ft 2 " " " " " " " " " " " " " " " " " " "	1 50 2 00 60 100 14 50 30 32 60 65 80 85 11 13½ 16½ 27½ 33 33 1 50 50 00 8 50 8 50 8 50 8 50 7 6 18 00 9 10 9 10	20 00 14 50 10 10 10 10 10 10 10 10 10 10 10 10 10	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington iii Wagner, Zeider & Co. III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. vii Meadows, Geo.B. ii Shipway Mig o. iv Whitheld, John II Art Woodwork. Knechtel, S. IIII Wagner, Zeider & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited. viii Taylor Bros viii Morris, E. D. vii Ruilders' Supplies. Bremner, Alex. viii Taylor Bros viii Mortis, E. O. viii Ruilders' Supplies. Bremner, Alex. viii Clatworthy, Geo. ix Maguire Bros. ix Maguire Bros. ix Maguire Bros. ix Mortis, E. O. vii Ruilding Stone Dealers. Carroll, Vick & Co. vii Builders' Hard- teare. Rice Lewis & Con. IV Vokes Hardware Co. i Creosoto Stains Cabot, Samuel. IV Church and School Furniture.
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise MadocRubble, delive ed, per toise Madoc dimension floating. f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscious. f.o.b. No. 1 Buff Promiscious. No. 1 Buff Driver. No. 1 Bu	1 50 2 00 60 60 1 00 14 50 30 32 60 65 80 85 80 85 11 13/4 16/4 22/4 33 33 1 50 35 20 8 00 8 00 8 50 8 50 8 50 8 50 8 50 8 5	75 14 00 14 50 20 00 10 00 6 00 7 50 10 175 90 1 00 110 12 25 15 20 17 50 17 50 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 63 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 63 18 75 18 63 18 63 18 75 18 63 18 63 18 75 18 63 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 75 18 63 18 63 18 63 18 75 18 63 18 63 18 75 18 63 18 75 18 63 18 75 18	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington iii Wagner, Zeider & Co. III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. vii Meadows, Geo.B. ii Shipway Mig o. iv Whitheld, John II Art Woodwork. Knechtel, S. IIII Wagner, Zeider & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited. viii Taylor Bros viii Morris, E. D. vii Ruilders' Supplies. Bremner, Alex. viii Taylor Bros viii Mortis, E. O. viii Ruilders' Supplies. Bremner, Alex. viii Clatworthy, Geo. ix Maguire Bros. ix Maguire Bros. ix Maguire Bros. ix Mortis, E. O. vii Ruilding Stone Dealers. Carroll, Vick & Co. vii Builders' Hard- teare. Rice Lewis & Con. IV Vokes Hardware Co. i Creosoto Stains Cabot, Samuel. IV Church and School Furniture.
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise. Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscious, f.o.b. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buff Promiscious. No. 1 Buff Dimension The above prices means freight and duty paid. a in. sawed flagging persq.ft a in " " " " " a in " " " " " " " " " " " " " " " " " "	1 50 2 00 60 100 14 50 30 32 60 65 80 65 80 85 11 13½ 27½ 27½ 33 33 1 50 50 00 8 5	20 00 14 50 14 50 10 10 10 10 10 10 10 10 10 10 10 10 10	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington iii Wagner, Zeider & Co. III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Meadows, Geo.B. ii Shipway Mig o. iiv Whithfield, John II Art Woodwork. Knechtel, S. III Wagner, Zeidler & Co. III Bricks (Pressed) Beamsville Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Taylor Bros viii Taylor Bros viii Builders' Supplies. Bremner, Alex viii Taylor Bros viii Clatworthy, Geo. ix Maguire Bros. ix Glate Furnature Co. ix Creosolo Stains Cabot, Samuel. IV Church and School Furnature Co. ix Globe Furnature Co. ix
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot. Madockubhle, delive ed, per toise. Madockubhle, delive ed, per toise. Madockubhle, delive ed, per toise. No. 1 Bush of promiscuous. No. 1 Blue Dimension. No. 1 Bush Promiscuous. No. 1 Bush Promi	1 50 2 00 60 100 14 50 30 32 60 65 80 85 80 85 11 1344 1654 2274 33 33 1 50 35 20 50 00 8 50 8 50 8 50 8 50 9 1 10 17 50 18 10 1	75 14 00 14 50 20 00 10 00 6 00 7 50 8 00 10 12 90 100 10 12 10 10 11 22 11 8 63 65 66 63 75 90 10 12 25 12 18 63 65 66 63 75 90 10 61 8 12 15	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co vii Morinion Bridge Co. I Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Bea msville Pressed Brick Co vii Morris, E. D vi Port Credit Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex. vi Clatworthy, Geo ix Maguire Bros vi Morris, E. D vi Rice Lewis & Son IV Vokes Hardware Co i Building Stone Dealers. Carroll, Vick & Co vii Builders' Hard- icare. Rice Lewis & Son IV Vokes Hardware Co i Creosots Stains Cabot, Samuel IV Church and School Furniture Co ix Globe Furniture Co ix
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot. MadocRubble, delive ed, per toise. MadocRubble, delive ed, per toise. Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscious, f.o.b. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buff Dimension The above prices means freight and duty paid. a in. sawed flagging persq.ft 2 1 " " " " " 3 2 " " " " " " 3 2 " " " " " " 3 2 " " " " " " 5 3 " " " " " " 5 1 " " " " " " 5 2 " " " " " " 5 2 " " " " " " 5 3 " " " " " " 5 3 " " " " " " 6 1 " " " " " " 6 2 " " " " " " " 6 2 " " " " " " " 7 2 " " " " " " " " 7 3 " " " " " " " " " " 7 4 " " " " " " " " " " " " " " " " " "	1 50 2 00 60 60 100 14 50 30 32 60 65 80 80 80 80 80 80 80 80 80 8	20 00 14 50 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington iii Wagner, Zeider & Co. III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. vii Mendows, Geo.B. ii Shipway Mig O. iii Whitheld, John II Art Woodwork. Knechtel, S. III Wagner, Zeidler & Co. III Wagner, Zeidler & Co. III Wagner, Zeidler & Co. III Bricks (Pressed) Brick Co. viii Moris, E. D. vi Port Credit Pressed Brick & Terra Cotta Co., Limited. viii Taylor Bros viii Taylor Bros viii Builders' Supplies. Bremner, Alex. viii Taylor Bros viii Builders' Supplies. Bremner, Alex. viii Clatworthy, Geo. ix Maguire Bros. i Moris, E. D. vi Rice Lewis & Son IV Vokes Hardware Co. i Building Stone Dealers. Carroll, Vick & Co. vii Builders' Hard- teare. Caresoto Stains Cabot, Samuel. IV Church and School Furniture Co. ix Glote Furniture Co. ix
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot. MadocRubble, delive ed, per toise. MadocRubble, delive ed, per toise. Madoc dimension floating f. o. b, Toronto, per cubic ft. Ohio Freestene, No. 1 Blue Promiscious f.o.b. No. 1 Buff Promiscious. No. 1 Buff Promiscious	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 11 13½ 16½ 27½ 33 33 1 50 35 20 8 50 8 50 8 50 8 50 8 50 8 50 8 50 8 50 18 00	75 14 00 14 50 20 00 10 00 6 00 7 50 6 00 175 90 10 12 20 20 21 22 25 26 26 27 27 28 28 63 63 65 65 75 75 90 110 12 25 20 20 21 22 25 21 28 63 64 65 65 75 75 90 110 21 22 23 24 25 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington iii Wagner, Zeider & Co. III drchitectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. vii Mendows, Geo.B. ii Shipway Mig o. iiv Whitheld, John II Art Woodwork. Knechtel, S. III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick Co. viii Morris, E. D. vi Port Credit Pressed Brick & Terra Cotta Co., Limited. viii Taylor Bros viii Taylor Bros viii Builders' Supplies. Bremner, Alex. viii Taylor Bros viii Mortis, E. O. vii Mortis, E. O. vii Mortis, E. O. vii Ruilders' Supplies. Bremner, Alex. viii Taylor Bros viii Clatworthy, Geo. ix Maguire Bros. ix Maguire Bros. ix Mortis, E. D. vi Rice Lewis & Son IV Vokes Hardware Co. i Building Stone Dealers. Carroll, Vick & Co. vii Builders' Hard- ivare. Can. Office & School Furniture Co. ix Globe Furniture Co. ix
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot. MadocRubble, delive ed, per toise. MadocRubble, delive ed, per toise. Madoc dimension floating, f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscious, f.o.b. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buf Promiscious. No. 1 Buf Dimension The above prices means freight and duty paid. 2 in. 52 in. 1 in. 32 in. 1 in. 33 in. 1 in. 34 in. 1 in. 35 in. 1 in. 36 in. 1 in. 37 in. 1 in. 37 in. 1 in. 38 in. 1 in. 39 in. 1 in. 39 in. 1 in. 30 in. 30 in. 24 in. per M Granite curbing stone, 6 in. x 20 in., per lineal foot. SLATE Rocfing (V 19uare). Whate lead, Can, per 100 lbs. 6 ing. Can, in. 6 ing. Can, in. 1 in. 4 in. 4 in. 1 in. 4 in. 5 in. 6 in. 6 ked lead, Eng. 4 in. 6 in. 7 venetian, per 100 lbs. 6 6 in. 7 venetian, per 100 lbs. 6 7 venetian, per 100 lbs. 1 in. 8 venetian, per 100 lbs. 1 in. 9 venetian, per 100 lbs. 1 in. 1 in. 1 indian, Eng. 1 Vellow ochre. 1 Vellow chrome. 1 Green, chrome. 1 in. 2 in. 3 in. 4 in. 4 in. 4 in. 5 in. 6 in. 6 in. 7 in. 7 in. 7 in. 7 in. 7 in. 7 in. 8 in. 8 in. 9 in.	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 11 13½ 16½ 22½ 33 33 1 50 35 20 8 50 8 50 8 50 8 50 8 50 8 50 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 18	75 14 00 14 50 20 00 20 00 20 00 6 00 7 50 6 00 17 50 10 12 20 20 10 12 21 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 12 23 13 63 64 68 75 90 110 65/4 8 12 15 12 15 12 15	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carcers. Holbrook & Mollington III Wagner, Zeid'er & Co. III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Ornamental Iron Co. III In Co. III Architectural Iron-Work. B. Greening Wire Co. xii Dominion Bridge Co. III Madows, Geo.B. iii Shipway Mfg o. iv Whitfield, John. I Art Woodwork. Knechtel, S. III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick Co. viii Morris, E. D. viii Taylor Bros viii Builders' Supplies. Bremner, Alex. v Currie & Co., W & F.P. xii Clatworthy, Geo. ix Maguire Bros. i Morris, E. D. viii Morris, E. D. viii Taylor Bros viii Builders' Supplies. Bremner, Alex. v Currie & Co., W & F.P. xii Clatworthy, Geo. ix Maguire Bros. i Morris, E. D. viii Morris, E. D. viii Clatworthy, Geo. ix Maguire Bros. i Morris, E. D. viii Clatworthy, Geo. ix Globe Hurniture Co. ix Globe Furniture Co. ix Globe Furniture Co. ix Globe Furniture Co. ix Globe Furniture Co. ix Contractors' Plant and Machinery
Ciedit Valley Grey Coursing, per superficial yard. Credit Valley Grey Dimension, per cubic foot MadocRubble, delive ed, per toise MadocRubble, delive ed, per toise Madoc dimension floating f. o. b, Toronto, per cubic ft. Ohio Freestone, No. 1 Blue Promiscuous. f.o.b. No. 1 Blue Dimension No. 1 Blue Dimension No. 1 Buff Promiscuous No. 2 Buff Promiscuous No. 1 Buff Promiscuous No. 2	1 50 2 00 60 60 100 14 50 30 32 60 65 80 85 11 13½ 16½ 22½ 33 33 1 50 35 20 8 50 8 50 8 50 8 50 8 50 8 50 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 17 50 18 10 18	20 00 14 50 14 50 14 50 16 00 17 50 10 00 10 12 12 18 63 65 66 68 75 75 75 75 75 75 75 75 75 75 75 75 75	Ontario Directory III Queoce Directory iii Architectural Sculptors and Carvers. Holbrook & Mollington i Wagner, Zeid'er & Co III drehitectural Iron-Work. B. Greening Wire Co. xi Dominion Ornamental Iron Co vi Dominion Bridge Co. I Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John I Art Woodwork. Knechtel, S III Wagner, Zeidler & Co. III Bricks (Pressed). Beamsville Pressed Brick & Terra Cotta Co., Limited viii Morris, E. D vi Port Credit Pressed Brick & Terra Cotta Co., Limited viii Taylor Bros viii Builders' Supplies. Bremner, Alex viii Builders' Supplies. Bremner, Alex viii Morris, E. D vi Roguire Bros vii Morris, E. D vi Roguire Bros viii Morris, E. D vi Rice Lewis & Son IV Vokes Hardware Co i Builders' Hard- icare. Carroll, Vick & Co vii Builders' Hard- icare. Caroll, Vick & Co vii Church and School Furniture Co ix Globe Furniture Co ix Globe Furniture Co ix Office Specialty Co Snider, J. B ix Church Reflectors Frink, I. P iv Contractors' Plant

DNIKACI KECO	KD.		October 25, 1892		
Toro	onto. Mon	treal.	Toronto. Montre		
Cement, Belgian, per bbl	2 30 2 6	2 50	COMMON BARREL NAILS.		
Cement, Belgian, per bbl	250 225		1 inch, per 100 lbs 2 50 2		
ii Roinan		2 75	34 " " " " 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Fanan 4 (U	474 450		% " " " 225 2		
" Thorold "	700 650 150	7 00	CLINCH NAILS.		
" Queenston, "	110		inch, per soulbs. 85		
" Napanec, "	1 50		32 and a) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
			2 and 2% 44 41 41 11 115 #		
Keene's Coarse "Whites" 4 50			1½ and 1½ " 1 135 1		
Calcined plaster, per barrel	1 55	1 70	1		
Fire Bricks, Newcastle, per M 23 00 Scotch 23 00	.000 5100	20.00	SHARP AND PLAT PRESSED NAILS.		
Lime, Per Barrel, Grey White	30	30 00	a (aa) 11		
" White	40		3 inch, per 100 lbs. 135 1 21/2 and 21/4 " " 150 1		
Plaster, Unicined, N. D	3 00		2 and 2 4 1 1 1 50 E		
	3 00		129 And 124 " 184 +		
Hair, Plasterers', per bag 80	1 00		13/ " " " 250 2		
HARDWAR	E.		1 " " " 300 3		
Cut nails, 5 d & 6 d, per keg	2 40	2 25	STERL WIRE NAME.		
Steel or or or	2 50	2 35	Steel Wire Nails, 75, 10 and 5 % discount fro		
CUT NAILS, FENCE AND CI	UT SPIKES.		printed list.		
40d, not cut, per to 10s	5	. 5	Iron Pipe:		
30d, 16d and 12d, hot cut, per	16	10	Iron pipe, 1/2 inch, per foot 6c.		
100 lbs	15	15	37		
and has out mer con the	20	20	" " ½ " " ₹½ " " ¼ " " 12		
8d, 9d, " " " 6d, 7d, " " "	25	25			
6d, 7d, " "	40	40	11 11 12/11 + . 24		
40 10 50, " " "	60	60	" " 1½" " 30		
3d, " " "	1 00	1 00			
4d to 5d cold cut, not polished	1 60	1 50	Black wrought iron pipe, 674% off above prices. Galvanized 40% Cast and soil 57%		
or blued, per 10 o lbs	50	50	Cast and soil " " 52" " "		
3d to 5d cold cut, not porished	•	•	Lead Pipe:		
or blued, per 100 lbs	90	90			
FINE BLUED NAIL	. S.		Lead pipe, per lb		
3d, per 1 o lbs	1 50	1 50	Discount Toronto and the West and Vost in sens		
		2 00	lots; 30 and 10 % off in ton lots; points east of Toronto 35 and 10 % off.		
CASING AND BUX, FLOORING, SHOOK NAILS.	AND TOBACC	O BOX	35 and 10 % off.		
12d to 2od, per 100 lbs	50	so	Galvanized Iron:		
12d to 3od, per 100 lbs	60	60	Adam's-Mar's Best and Queen's Head:		
	75	75	.6 to 24 guage, per lb 41/c. 41/c		
6d and 7d, " "	90	90	6 to 24 guage, per lb 43/c. 43/c 26 guage, 44/c 43/c 43/c 5		
4d to 5d, ""	1 10	1 10	20 5 5%		
	1 50	1 50	Gordon Crown— 16 10 24 guage, per lb 4½ 4½		
FINISHING NAILS		ο-	16 10 24 guage, per lb 4½ 4½ 26 guage, 4 4½ 4½		
3 inch, per 100 lbs	85	85	28 " " 4½ 5		
21021/ " " "	° ∞ 1″	1 00	Note Cheaper grades about & c. per lb. less		
1½ to 1½ " " "	35	1 35	Structural Iron:		
157	1 75	1 75	6. 17		
1 " " '	2 25	2 25	Steel Beams, per 100 lbs 275 25 25 26 26		
SLATING NAILS.	•	٥.			
5d, per 100 lbs	85 85	8 <u>ა</u> 8ე	" (ces, " 260 26		
ad. " "	1 25	1 25	" plates, " 255 23		
2d, " "	1 75	150	" plates, " 255 23 Sheared steel bridge plate 225 23		
INDEX TO ADVERTISEMENTS In the "Canadian Architect and Builder."					
Architects.	Cements.	 -	Heating. Roofers		

INDE	EX TO ADV
Architects.	Cements.
Ontario Directory III Que occ Directory ii	Bremner, Alex v Currie&Co, W.&F P xii Estate of John Battle viii Maguine Br s i Morris, E. D vi Owen Sound Portland
Architectural Sculp- tors and Carvers.	Magune Br s i Morris, E. D vi
Holbrook & Molling-	Cement Co v Vokes Hardware Co i
toni Wagner, Zeid'er & Co111	Cut Stone Con-
Architectural Iron- Work,	tractors. Isaac Bros II Oakley & Holmes II
B. Greening Wire Co. xii Dominion Ornamental	Chimney Topping.
Dominion Ordanicadai Iron Co vi Dominion Bridge Co. 1 Meadows, Geo.B ii Shipway Mfg o iv Whitfield, John 1	Bremner, Alex v Currie&Co., W &F.P. xii
Shipway Mfg o iv Whitfield, John I	Drain Pipe Bremner, Alex v Course & Co. W& F. P. vii
Art Woodwork.	Bremner, Alex v Currie & Co., W& F. P. xii Hamilton and Toronto Sewer Pipe Co. xi Maguire Bros i Standard Drain Pipe
Knechtel, SIII Wagner, Zeidler & Co. 111	Standard Drain Pipe Co
Bricks (Pressed). Beamsville Pressed	Vokes Hardware Co is
Brick Co viii Morris, E. D vi	Dumb Waiters King & Son, Warden x
Brick Coviii Morris, E. Dvi Port Credit Pressed Brick & Terra Cotta Cro, Limitedviii Taylor Brosviii	Electric and Gas Fixtures
Luyioi Dios	Barwell, James IV
Builders' Supplies. Bremner, Alex v	Electric Wiring Rogers & Doss IV
Bremner, Alex v Currie & Co., W & F P. xii Clatworthy, Geo ix Maguire Bros	Elevators
Rice Lewis & Son IV	Fensom, John IV Leitch & Turnbull I Williams, A. R xii
Vokes Hardware Co., i Building Stone	Engravers.
Dealers. Carroll, Vick & Co vii	Can. Photo-Eng Bu- reauiv
Bullders' Hard- ware.	Fire Brick and Clay
Rice Lewis & Con IV Vokes Hardware Co. i	Breinner, Alex v Currie& Co, W & F P., xii Maguire Bros. 1 Morris, F., D. vi Standard Drain Pipe
Creosoto Stains Cabot, Samuel IV	Morris, E. D vi Standard Drain Pipe Co II
Church and School Furniture.	Galeanized Iron Workers.
Can. Office & School Furniture Co ix Blobe Furniture Co ix Office Specialty Co	Tucker & Dillon II Douglas Bros II Ormsby & Co., A. B., I
Snider, J. B ix Church Resectors	Granite Biunet, Jos ii
Frink, I. Piv	Grates and Tiles.
Contractors' Plant and Machinery	Bostwick, G. F vii Holbrook&Mollington i Rice Lewis & Son IV

Cements.	Beating.
Centents.	Clare Prese to Co
- CO WOED!	Comment Francisco Co
meaco, war P xii	Vian C.C. Wanter
rate of Youn Battle Ani	King & Son, Warden., x
emner, Alex v rrie&Co,W.&F P xii tate of John Battle viii agune Br s i reris, E. D vi ren Sound Portland cement Co v	Clare Bros. & Co xi Gurney Foundry Co xii King & Sen, Warden x Ormsby & Co., A. B., I Pease Furnace Co xii Toronto R. diater. Mfo.
orris, E. D vi	Pease Furnace Co xii
en Sound Portland	
Cement Co v	Co ini
kes Hardware Co i	Ca isi Williams, A. R xii
A	T
Cut Stone Con-	Lime. Currie & Co, W &F P. xii
tractors.	Cume & Co, w &r P. xii
ac Bros II	Morris, E. D vi
ac Bros II kley & Holmes II	Yeart
	Legal. Denton & Dods II
himney Topping.	Denton & Dods II
emner, Alex v	35-4-211- 7-42
rrie&Ca.W &F.P. xii	Metallic Lath.
	B. Greening Wire Co. xii
Drain Pipe	Metallic Roofing Co vii
mner Alex	
mner, Alex v rrie &Co., W&F.P. xii milton and Toronto	Mortar Colors and
milton and Tompto	Shingle Stains.
ewer Pipe Co xi	Cabot Samuel, IV
guire Brosi	Maguire Bros i
guire bros 1	Muirhead, Andrew i
ewer Pipe Ca xi guire Bros i ndard Drain Pipe co	mannena, mater
kes Hardware Co ii	Ornamental Plas.
kes Hardware Co., ii	terers.
Dumb Waiters	Rabas I D
	Baker, J. D vi Hynes, W J II
ng & Son, Warden x	Hynes, W J II
lectric and Gas	Paints & Varnishes.
Fixtures	Harris Co., The E vi
well, James IV	Muirhead, Andrew i
	Painters.
Electric Wi ri ng	
zers & Doss IV	
•	Paving. The Guelich Silica Reguie Stone Co. IV
Elevators	The Guelich Silica
som John IV	Barytic Stone Co IV
som, John IV sch & Turnbull I	21.,
liams, A. R xii	Plasterers
	Hynes, W. J 11
Engravers.	
	Plumbing Supplies
. Photo-Eng Bu-	
au iv	Dominion Sanitary
ro Brick and Clay	Dominion Sanitary Pottery Coiv Sanitas Mfg. CoII Toronto Steel Clad Bath & Metal Covi McRee & CoVI
nnes May	Sanitas Mfg. Co II
riner, Alex v rie& Co, W & F P., xii guire Bros 1 rris, F. D., vi ndard Drain Pipe	Toronto Steel Clad Bath
ne& Co, W & F P., xii	& Metal Co vii
guire nicos i	McRae & Co II
ms. E. D vi	
ndard Drain Pipe	Plate Glass Harris Co., The E vi
o II	Harris Co., The E, vi
	Hobbs Mfg. Co v McCausland & Son ii
laleanized Iron	McCausland & Son ii
Workers.	The Consolidated Plate
ker & Dillon II	Glass Co ii
iglas Bros 11	
iglas Bros II nsby & Co., A. B I	Parquetry Floors
	Elliott & Son I
Granite	
net, Joseanne ii	Plumbers
	Ballantyne, James ii
rates and Tiles.	
twick, G. F vii	Reproduction of
brook&Mollington i	Drawings
e Lewis & SonIV	New Color Process Co. ix
,	
•	

ERTISEMENTS chitect and Builder."				
Heating. lare Bros. & Co xi turney Foundry Co xii ting & Son, Warden xi trmsby & Co., A. B I ease Furnace Co xii oronto Radator Mig Co iii /illiams, A. R xii	Douglas Bros II Duthe & Sons, G. II Hutson, W. D. II Metallic Roofing Co. vii Rennie & Son, R. II Stewart, W. T. II Williams & Co. H. II Watten Chemical			
oronto Radiator Mfg Co	Mfg. Co 11			
Iorris, E. D vi Legal. lenton & Dods	Roofing Materials Danville Slate Co iv Merchant & Co ii Metallic Roofing Co vii Warren Chemical & Mfg. Co 1			
Metallic Lath. Greening Wire Co. xii letallic Roofing Co vii Mortar Colors and	Sanstary Apple.			
Shingle Stains. abot Samuel, IV aguire Bros i uirhead, Andrew i	Pominion Sanitary Pottery Co			
Ornamental Plas- terers. aker, J. D vi ynes, W J II	Cabot, SamuelIV Sliding Blinds Clatworthy, Geo.			
aints & Varnishes. arris Co., The E vi uirhead, Andrew i	Stained and Decora-			
Painters. ilmor & Casey iv Paving. he Guelich Silica	Castle & Son y Dominion Glass Co y Drake, W Y Elliott & Son I Gilson Bros. Stained Class Works			
Barytic Stone Co IV Plasterers ynes, W. J II	Grimson, G. & J. E v Hobbs Mfg. Co v Horwood & Sons, H v			
Plumbing Supplies Arwell, James IV Ominion Sanitary Pottery Co iv unitas Mg. Co II	Queenel, Sharpe & Co. v Ramsay & Son, A. v Spence & Son, I. C. v			
eronto Steel Clad Bath & Metal Co vii cRae & Co II	Terra Cotta The Raritan Hollow & Porous Brick Co vi Wall Paper and			
Plate Glass arris Co., The E vi obbs, Mfg, Co v cCausland & Son ii ne Consolidated Plate	Ellion & Son I Wire Manufacturers			
Parquetry Floors	B. Greening Wire Co. xii Meadows, Geo. B ii Shipway Mfg Co iv Wall Plaster Nowell & Co. B. L vi			
Plumbers Allantyne, James ii Reproduction of	Wall Tis Mac Machine Co ix Window Blinds			
	A			

Window Blinds
Clatworthy, Geo.... ix
Lea & Seaman..... II