

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 couleur

Covers damaged/
Couverture endommagée

Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée

Cover title missing/
Le titre de couverture manque

Coloured maps/
Cartes géographiques en couleur

Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)

Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur

Bound with other material/
Relié avec d'autres documents

Tight binding may cause shadows or distortion along interior margin/
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure

Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.

Additional comments:/
Commentaires supplémentaires:

Coloured pages/
Pages de couleur

Pages damaged/
Pages endommagées

Pages restored and/or laminated/
Pages restaurées et/ou pelliculées

Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées

Pages detached/
Pages détachées

Showthrough/
Transparence

Quality of print varies/
Qualité inégale de l'impression

Continuous pagination/
Pagination continue

Includes index(es)/
Comprend un (des) index

Title on header taken from:/
Le titre de l'en-tête provient:

Title page of issue/
Page de titre de la livraison

Caption of issue/
Titre de départ de la livraison

Masthead/
Générique (périodiques) de la livraison

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	12X	14X	16X	18X	20X	22X	24X	26X	28X	30X	32X
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF

PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY THURSDAY

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

Vol. 5. MAY 17, 1894 No. 15

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 2162.
New York Life Insurance Building, Montreal.
Bell Telephone 2299.

Information solicited from any part of the Dominion regarding contracts open to tender.
Advertising Rates on application.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects solicited its approval 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 tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, 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 RECORD affords us a direct communication with the Contractors, resolved, that we pledge our support to it by using its columns when calling for Tenders."

Subscribers who may change their address should give prompt notice of same. In doing so, 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 Canadian Contractor's Hand-Book, consisting of 150 pages of the most carefully selected material, 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 daily requirements.

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

C. H. MORTIMER, Publisher,
Confederation Life Building, TORONTO.
Montreal Office:
64 Temple Building.

BARTER AND EXCHANGE.

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

RATES—12 words and under, 15 cents; each additional word, 2 cents (three figures count one word); on two or more subsequent insertions a discount of 10 per cent. will be allowed. Not more than four insertions of an advertisement can be granted.

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

FOR SALE—Wood and glass partition, 9 feet high, 18½ feet long, including door 3x3 feet. Pine, natural finish, ground glass in panels. In use little more than a year. Cost over \$50. Will be sold at a sacrifice. Box 50, CONTRACT RECORD office.

TENDERS

For Artificial Stone Walks and Stone Curbing for the Town of Berlin will be received by the Chairman of the Board of Works up to

MAY 28th NEXT,

For all walks to be built in 1894. Specifications may be obtained from the Town Engineer.

H. J. BOWMAN, Town Engineer. **A. BRICKER,** Chairman, Board of Works.

SEALED TENDERS

Will be received by the undersigned for the Masonry, Brickwork, etc., connected with the Renovation of the Main Building of the

MONTREAL GENERAL HOSPITAL

Plans and specifications may be seen at the offices of the architects, Messrs. Taylor & Gordon, 43 St. Francois-Xavier Street, Montreal, after Thursday the 17th, and Tenders are to be sent in not later than noon of the 23rd inst.

It is not guaranteed that the lowest or any tender will be accepted.

TAYLOR & GORDON,
Architects, Montreal.



NOTICE TO CONTRACTORS

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to 11 o'clock a.m., on Saturday, May 25, 1894, for the construction of the following works:

STONE SETT PAVEMENT

on King Street, (track allowance, stone sets on concrete) from Strachan Avenue to Armour Street.

CEDAR BLOCK PAVEMENTS

On Carr Street, from Esther Street to the end of street.
On Davies Avenue, from Queen Street to Matilda Street.

Specifications may be seen and forms of tender obtained on and after Monday, 21st May, 1894, at the office of the City Engineer. 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 under \$1,000, and 2½ per cent. on the value of the work tendered for over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide 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,
Chairman Committee on Works.
Committee Room, Toronto, May 15, 1894.

NEW COMPANIES.

BLOOMFIELD, ONT.—Bloomfield Canning Co.; incorporated; capital, \$20,000.

NAPANEE, ONT.—Napanee Pulp and Paper Co., incorporated; capital stock, \$90,000.

PALMERSTON, ONT.—Canadian Cone Coupler Carriage Company, seeking incorporation; capital \$50,000.

VANCOUVER, B. C.—The Styne Creek Gold Mining Co., Ltd., filed articles of incorporation; capital stock, \$200,000.

CONTRACTS OPEN.

LINDSAY, ONT.—A large curling rink will be built on Peel street this summer.

WINCHESTER, ONT.—It is reported that the Presbyterian congregation intend building a new church, to cost \$15,000.

SIMCOE, ONT.—Mr. N. C. Ford, Town Clerk, invites proposals until the 26th inst. for the purchase of \$2,500 of school debentures.

CAYUGA, ONT.—Judge Falconbridge recently pointed out that steps should be taken at once to enlarge and improve the Court House.

BROCKVILLE, ONT.—A by-law to raise the sum of \$50,000 for the extension of the waterworks to the asylum has been passed by the Council.

KINGSVILLE, ONT.—Tenders are invited by the Town Clerk until the 26th inst. for the purchase of \$18,600 worth of waterworks debentures.

GUELPH, ONT.—Mr. Willis Chipman, C. E., of Toronto, has been engaged to prepare a report on the construction of a system of sewerage for the city.

ORILLIA, ONT.—A by-law to raise the sum of \$12,000 for the extension and improvement of the waterworks has been passed by the Town Council.

ST. JOHN, N. B.—H. H. Mott, of this city, has prepared plans for the Baptist church to be erected in Amherst. It will be built of stone and will cost \$30,000.

REGINA, N. W. T.—The vestry of St. Paul's church have accepted plans prepared by Mr. Peters, of Winnipeg, for a new church building, and tenders will be asked for at an early date.

PEMBROKE, ONT.—Tenders are invited by the Board of Education until the 5th of June for the completion of the east and west schools. Plans may be seen at the office of Mr. Alexander Millar.

MONCTON, N. B.—Mr. D. Pottinger, General Manager Intercolonial Railway, will receive tenders until Tuesday, the 29th inst., for the supply of oil required by the railway for one year from 1st July, 1894.

VANCOUVER, B. C.—Mr. Blanchet, architect, has prepared plans for a new hospital to be built for the Sisters of Charity of the House of Providence, to be 120x48 feet in size. The basement will be of stone and the superstructure frame.

PERTH, ONT.—Tenders are invited by Mr. W. A. Moore, Town Clerk, until the 1st of June for making repairs and improvements to the Court Room of the Court House in this town. Plans may be seen at the office of Mr. John Code, County Treasurer.

GRAVENHURST, ONT.—The Methodists are considering the erection of a new parsonage.—The High School Board want plans for a new building, to cost \$4,000. Address J. P. Cockburn, Chairman High School Board.

PORTAGE LA PRAIRIE, MAN.—At a recent meeting of the school board, Mr. Brown, architect, of Winnipeg, was instructed to prepare plans for a four-room

ward school for the east end, a one-room school for the north end, and a two-room school for the west end.

AURORA, ONT.—Mr. H. G. Phillips, architect, invites tenders until Saturday, the 19th inst. for the erection of a brick dwelling on Wellington street for Mr. J. H. Foulds.—Mr. T. H. Lennox also invites tenders until Saturday next for repairs to the Cliff block.

NEW WESTMINSTER, B. C.—The Mayor has received the plans of the proposed new bridge over the Fraser River from Mr. Jennings, of Toronto. They will be submitted to the Council for approval after which they will be examined by the Provincial and Dominion Governments.

WINDSOR MILLS, QUE.—The Canada Paper Company state that if the corporation will build a dam on the river, the company will expend \$40,000 on a plant and put in water-wheels and dynamos for a supply of power sufficient to run their entire works. They would also build a pulp mill, at a cost of about \$60,000.

PETERBORO' ONT.—The Sewerage Committee has resolved to recommend to Council the construction of an 18-inch outfall sewer along George street, from King to Lock streets, and thence to the water front. The cost is estimated at \$20,000. Additions and alterations are to be made to the store of R. H. Kils & Co. An addition of 30 feet will be built to the rear.

SUDBURY, ONT.—The Town Council has given the first reading to a by-law to introduce a system of waterworks, sewerage and electric light, at a cost of about \$40,000. It is thought the ratepayers will sanction the expenditure, in which case the work will be proceeded with this summer.—Bishop O'Connor will erect a new R. C. church on the site of the one recently destroyed by fire. The estimated cost is \$15,000.

PRESCOTT, ONT.—A special meeting of the Town Council was held on Monday last to consider the advisability of introducing a by-law to raise the sum of \$75,000 for the construction of waterworks and sewerage systems. The result of the meeting has not reached us.—The by-law to raise \$5,000 to purchase a steam fire engine and appliances was carried by the ratepayers on Tuesday of last week.

OTTAWA, ONT.—It is said that a well-known citizen has offered a valuable block of land as a site for a new Church of England cathedral.—The Board of Health has resolved that the sum of \$20,000 be raised by the issue of debentures to equip and furnish the hospital on Porter's Island.—Mrs. Slim has purchased a site on Bank street and intends erecting four stores thereon. Work will commence about the 1st of July.

BROCKVILLE, ONT.—Plans are being prepared by Mr. G. A. Allan, architect, for the following work: brick terrace of five houses, with pressed brick front and stone and terra cotta trimmings, for Mr.

Newton Cossitt, to be built on the corner of King and Park streets; also for a brick block of stores for Mr. Wm. Simpson on King st. east; alterations to a brick house on James street, for Captain Buckham; for alterations to the Victoria Hall building, and the putting in of a system of hot-water heating.

KINGSTON, ONT.—The School Board will ask the City Council for an appropriation of \$20,000 for a new school building on Pine street.—Mr. E. D. La Fleur, C. E., of Ottawa, recently examined the Wolfe Island canal with a view of reporting on the advisability of deepening it, in accordance with a petition from the residents. He will also consider the question of building a bridge between Howe Island and the main shore.—Mr. Francis Davis will erect two brick houses on Gordon street.

WINNIPEG, MAN.—Tenders are invited by Mr. J. C. Sproule, Chairman Committee on Works, until Thursday, the 7th of June, for the supply of from 400,000 to 1,000,000 ft. B. M. of pine lumber. Further particulars may be obtained from the City Engineer, Mr. H. N. Rutan.—An English syndicate is about to make a proposition to the Winnipeg City Council for the purchase from the city of a franchise of the Assiniboine river water power project. The syndicate proposes to utilize the power to furnish electricity for street lighting and other purposes.

LONDON, ONT.—Tenders are invited by the City Engineer until to-day (Thursday) for alterations to the City Hall.—The Free Library Board, at its last meeting, instructed the Chairman, Mr. Henry Macklin, to make arrangements with Mr. Durand for the purchase of a corner lot, 100 feet on Queen's avenue and 80 feet on Wellington street as a site for the proposed new building. As soon as the site has been secured, a special meeting will be held and tenders for plans asked for a building to cost about \$14,000.—The City Engineer has granted the following building permits: C. E. Pratt, two brick cottages on John street, cost \$1,200; E. Gilbert, brick addition to his residence on Askin street, cost \$1,000.—Mrs. Barry brick cottage, 506 Adelaide street, cost \$1,000.

HAMILTON, ONT.—Tenders are invited at the St. Nicholas Hotel until 6 p. m. to-day (Thursday) for the erection of a three-story addition to the hotel.—Mr. Robert Clohcy, architect, invites tenders until the 19th inst. for making additions to St. Joseph's hospital.—The Sewers Committee has decided, on recommendation of the City Engineer, to report to Council in favor of the construction of an intercepting trunk sewer on Wood street, from James street to Ferguson avenue.—Building permits have been granted as follows: J. W. Sutherland, two-story bk. dwelling on Hannah street, between Hess and Caroline streets, cost \$1,300.—W. J. Reid, pair two story bk. dwellings on Wellington street, between Grove and Young streets, cost \$3,000.—At the last meeting of the City Council by-laws were passed authorizing the issue of debentures for \$40,000 for the erection of two new schools and \$20,000 for a House of Refuge. A committee was appointed to wait upon the Dominion Government urging the necessity of deepening the canal at the Beach.—Mr. Haskins, City Engineer has forwarded to the Board of Works, the estimates of the cost of permanent pavements on James street, between Stuart and Hunter streets, and on King street, between Bay and Wellington streets. The following are the figures:—Trinidad asphalt, with vitrified brick kerbing, \$156,255; vitrified brick, \$138,463; gas tar asphalt, \$102,879; asphalt on sides, brick in centre, and kerbing, \$151,404. The matter will in all probability be considered at the next meeting of the City Council.

MONTREAL, QUE.—The Redemptionist Fathers contemplate the erection of a seminary of theology and philosophy in this city. The matter has been under consideration for some time, but it was feared that there would not be sufficient attend-

ants to warrant the execution of the undertaking. Owing to the arrival in the city of some fifteen or twenty students, it has been decided to carry out the idea.—The promoters of the French theatre on St. Catherine street are considering plans for a permanent French theatre, to cost in the neighborhood of \$75,000. A site has not yet been chosen, although it is thought work will be commenced this summer.—Contracts are about to be awarded by the Road Committee for the construction of a number of sewers, tenders for which were received until yesterday.—As a result of the annual inspection by the Water Committee of the Montreal waterworks, the City Council will be asked to provide funds for a number of improvements. The cut wall at the entrance to the aqueduct needs repairing, for which \$8,000 is asked. The separation of the old aqueduct from the new one is recommended, which will cost several thousand dollars. The enlargement of the aqueduct is also reported as necessary.—Tenders are being invited by the Health Department for a site for the proposed contagious diseases hospital.—The City Surveyor has been instructed to report on the cost of paving the hills on St. Denis and St. Lawrence streets.—The Superintendent of Waterworks will recommend the purchase of a new engine for the pumping station.—Another meeting was held recently in the interest of the proposed new armory for the 56th Battalion. A company will be formed at once, and a charter applied for. The capital will be \$25,000.—Perrault, Mesnard & Venne, architects, are calling for tenders for all trades connected with the erection of four stores and dwellings of three stories high, with cut stone front, on Notre Dame st. West.—Mr. Theo. Daoust, architect, is preparing plans for a large hotel to be erected by a syndicate at St. Hyacinthe, Que., and for two tenement houses for Mr. E. Lussier of the same place. Same architect is also preparing plans for a large block of 300 feet frontage, to be occupied as flats; three stories high, to be erected by a syndicate, on St. Denis street.—Messrs. Roy & Gauthier are preparing plans for an Orphan Asylum for the Sorel, Que., hospital, of four stories, and measuring 100 ft. x 55 ft. Cost about \$40,000.—Same architects are also preparing plans for a Catholic church, to be erected at Egansville, Ont., to cost about \$40,000; and for six houses, with cut stone front, on St. Denis street, costing about \$8,000.—Mr. A. C. Hutchison is calling for tenders for an academy to be erected at Cote St. Antoine.

TORONTO, ONT.—The Toronto Railway Company will extend the Mimico line to Oakville, should the right of way be granted by the Township Councils of Toronto and Trafalgar.—The City Council has granted the sum of \$50,000 asked for by the Public School Board for the purpose of providing additional school accommodation. At the last meeting of the Board, instructions were given accordingly for the erection of a new school on Fern avenue, to cost \$19,000, the addition of six rooms to Givens street school, to cost \$14,000, and four rooms to Bolton street school, to cost \$10,000. The balance of the appropriation will be expended where accommodation is most needed after the midsummer holidays.—A deputation from the Board of Trustees of St. James cemetery waited on the City Council at its last meeting requesting that steps be taken towards the erection of a fence on that part of the cemetery fronting on the Rosedale drive, in accordance with an agreement with the authorities of the cemetery. The fence would be 5,200 feet long, and it was estimated that the cost would be about \$1 per foot. A committee was appointed to look into the matter.—At the meeting of the Board of Works on Monday last, the recommendation of the City Engineer that a storm overflow sewer on St. Patrick street, from Spadina ave., to Beverley street, be built by day labor at an estimated cost of \$6,970, was referred back, and tenders for the work will be invited.—The recommendation that an asphalt pavement be constructed on the

south side of Carlton street, between Sherbourne and Seaton streets was also referred back, with a recommendation that granolithic be substituted for asphalt.—The construction of a twelve-foot cement sidewalk on the north side of Queen Street, from Dundas street to Dovercourt road, at an estimated cost of \$3,455 was approved of. The residents of Cecil street have petitioned for an asphalt pavement on that street.—The Board of Trade have passed a resolution urging the City Council to take steps to ensure proper fire protection by the purchase of one or more steam fire engines.—Building permits have been granted as follows: Mrs. S. Barton, 18 Czar st., pr. s. d. 2 story bk. dwellings, e. side Bathurst st., just s. of Wells st., cost \$4,000; Mrs. McKillop, 50 Rose ave., three att. 2 story bk. dwellings, 125 to 129 Rose ave., cost \$6,500; W. W. Walton, three att. 3 storey brick stores and dwellings, 718 to 720 Queen St. E., cost \$8,000, Fowler & Son, architects; G. A. Cox, bk. add. rear 142 Yonge St., cost \$1,500; J. W. Langmuir, pr. s. d. 2 story and attic bk. dwellings, 126-8 Tyndall ave., also one bk. ditto s. w. cor. King and Tyndall ave., cost \$12,000; Elias Rogers & Co., large coal shed to be covered with galvanized iron, s. side esplanade, w. Berkeley st., cost \$8,000; Barclay, Clark & Co., lithographing warehouse, 30 Lombard st., cost \$14,000.

FIRES.

The post-office and two other houses at Silbury, a suburb of the city of Quebec, were destroyed by fire a few days ago. Loss \$3,000, covered by insurance.—The residence of John Crooks, of Simcoe, Ont., was burned last week.—The grain elevator at Pierson's Station, Man., was destroyed by fire recently.—The main building of the Dominion Paper Company at Kingsey Falls, Que., was entirely consumed by fire on the 9th inst. Some valuable machinery was destroyed. Loss, \$75,000.—The British hotel at Cobourg, Ont., owned by A. C. Wood, was badly damaged by fire a few days ago. The building was insured.—The residence of Edward Adair, at Blenheim, Ont., was burned last week. Nothing was saved. Insurance, \$700.—The planing mill of William Rankin, corner Sheridan avenue and Dundas streets, Toronto, was totally destroyed by fire on the 11th inst. The upper floor was occupied by Miles & Slater as a sash and door factory. Insurance on building and machinery, \$13,000.—A large portion of the village of Shawbridge, Que., was destroyed by fire on Tuesday last. About one-quarter of the loss is covered by insurance.—The residence of Mr. R. W. Prittie, corner of Dovercourt road and College street, Toronto, was almost completely destroyed by fire on the 15th inst. Loss, \$16,000; insurance \$12,000.—The residence of Charles Stewart, about two miles from Leamington, Ont., was destroyed by fire recently. Loss, \$2,500; insurance \$1,000.—At Holmfield, Man., on the 11th inst., fire destroyed the residences of S. Robinson, S. Rutherford and George Frizel, and the stores of F. J. Mesner, J. Herbert and Hanaford & Ake.—Eighteen residences at St. Henri, Que., were destroyed by fire on the 10th inst., causing a loss roughly estimated at \$52,000, with very little insurance. Most of the houses were frame.

CONTRACTS AWARDED.

WAVERLEY, ONT.—Mr. John Bath has the contract for building the new English church here.

PELEE ISLAND, ONT.—The contract for the Point Pelee drainage work has been given to Allister McKay, his tender being \$16,000.

ST. JOHN, N. B.—John Esterbrooks, of Sackville, has the contracts for the new warehouse of the Enterprise Foundry Co. The new building will be 60 x 45 feet and three stories.

MONTREAL, QUE.—The Water Committee last week awarded the contract to Messrs. John McDougall & Co., of this city, for a Worthingham pump and Leffel

water wheel, for the waterworks pumping station, at the price of \$20,000.

GALT, ONT.—Messrs Allan & McKenzie have been awarded the contract for heating apparatus for the Central school, and the J. F. Pease Furnace Co. that for the Dickson school.

GUELPH, ONT.—H. Bennett has secured the contract for stone and brick work and E. Mulroney the carpentering of a brick house to be built on Preston street for Mr. John Teehan.

KINGSVILLE, ONT.—Tenders in connection with the waterworks construction have been awarded as follows: pipe, Chas. McLerie; excavating, C. Johnson; valves and hydrants, Kerr Bros.

TILBURY CENTRE, ONT.—Messrs Blonde Bros. & Dowling of Chatham, have been awarded the contract for the new R. C. church here. The price, exclusive of interior fixtures, is \$20,000. The same firm have also been given a contract for a new residence for Mr. C. Crawford, to cost \$3,000.

ORILLIA, ONT.—Mr. H. G. Paull, architect, of Toronto, has awarded the contract for the Salvation Army barracks, to be built in this town, to Mr. Oliver, of Longford. The building is to be completed by the first of August.—G. A. Reynolds, Toronto, has received the contract for metal grille work and office furniture for Dominion Bank.

TORONTO, ONT.—The Board of Works awarded the following contracts on Saturday last: Granolithic pavement on Sherbourne street, Alfred Jardine, price 99 cents per lineal yard; Sewer on Boswell avenue to Pears avenue, William Jones, price \$3026; Sewer, Garrison Creek to Bloor street, Smith & Wilson, price \$3248; Asphalt pavement, Bleecker st. from Carlton to Wellesley, Warren-Scharff Company, price \$10,876; Supply of coal to the waterworks, Elias Rogers, by cars, \$4.45; by vessel, \$4.19.—Contracts have been awarded for the erection of a new wing to Trinity University, to cost \$25,000.

PERSONAL.

Messrs. Perrault, Mesnard & Venne, architects, Montreal, have removed to their new office in the new Banque du Peuple Building. The arrangement and finish are in every respect first-class.

THE QUEBEC ASSOCIATION OF ARCHITECTS.

We desire to call the attention of architects and students of architecture to the removal of the above Association from the Canada Life Building to the more commodious, handsome, and convenient rooms on the lower floor of the New York Life Building. The former location was found to be too inconvenient for the easy access which is desirable, especially at night.

To reach the new rooms no climbing of stairs is needed. Under the new arrangement, the new rooms will be kept open on all days of the week, from 8.30 a.m. until 6 p.m., and on Wednesdays the hours will be extended until 9 p.m.

Those who visit the new rooms will be highly pleased with the success of the Association. All kinds of literature, books, etc., will be found there, for a thorough study and reference on all subjects dealing with architecture and building.

The Council are desirous that all architects and students should take advantage of the privileges offered by this Association. We have confidence that such opportunities will be valued and used as they deserve to be.

E. D. MORRIS

Direct Importer and Dealer in

Best English and Canadian

PORTLAND CEMENTS

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

Offices: 36 Victoria St. - TORONTO

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

DEBENTURES WANTED.

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

J. M. SHANLY, M.A.M. SOC. C.E., M. CAN. SOC. C.E. J. M. MCCARTHY, B.A. S.C., A. M. CAN. SOC. C.E.

SHANLY & McCARTHY, CIVIL ENGINEERS. STANDARD BUILDING MONTREAL. 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 Water Works - Sewerage Sewage Disposal 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.

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 MACDOUGALL

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

Telephone 1838. Cable Address M. I. C. E.

CONSULTING CIVIL, SANITARY AND HYDRAULIC ENGINEER

32 East Adelaide St. - TORONTO

ISAAC USHER & SON, THOROLD, ONT.

Manufacturers of

QUEENSTON CEMENT

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

CEMENT

Low in price High in quality Always fresh Always reliable

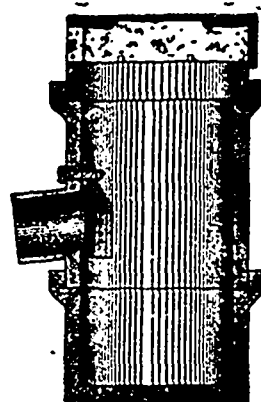
such is our well-known

Thorold Cement.

Endorsed and used by the leading Architects Engineers Builders and Contractors.

Estate of John Battle THOROLD, ONTARIO.

THE "IMPROVED" ST. GEORGE GULLEY OR STREET DRAINING WELL.



PATENTED 1885 AND 1893.

Made of cast iron and vitrified tile.

OVER 6,000 NOW IN USE.

Not ONE complaint.

For further particulars, apply

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

PORTLAND CEMENT

BEST AND CHEAPEST IN TORONTO.

JOSSON, PETERS and BURHAM Brands for highest class work.

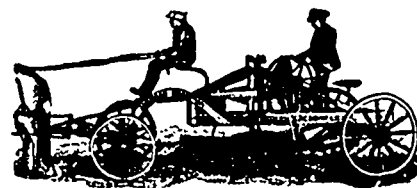
WHITE HORSE, R. W., IMPERIAL, &c., FROM \$2.00 PER BARREL.

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.

CANADA 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

MANUFACTURERS OF

CAST IRON WATER AND GAS PIPES

WORKS: LACHINE, QUE.

PRICES ON APPLICATION.

THE STANDARD DRAIN PIPE CO.

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



Manufacturers of

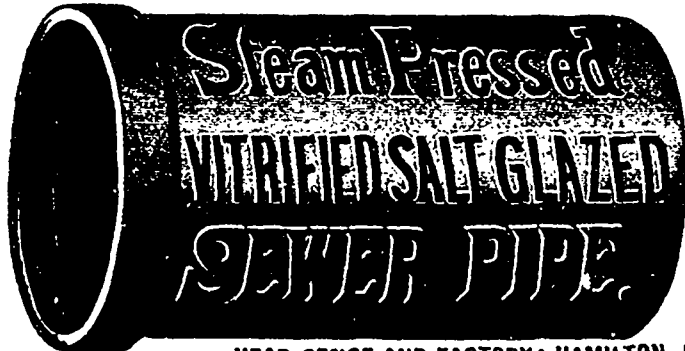
Salt-Glazed Vitrified SEWER PIPES

Double Strength Railway Culvert Pipes, Inverts, Vents,

AND ALL KINDS OF FIRE CLAY GOODS.

HAMILTON AND TORONTO SEWER PIPE CO.

- FOR -



SEWERS, CULVERTS, AND WATER PIPES.

INVERTS

Fire Brick Sewers

Write for Discounts.

HEAD OFFICE AND FACTORY: HAMILTON, CANADA.

MUNICIPAL OFFICIALS

should see to it that in the erection of town and city PUBLIC BUILDINGS, 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 pipes, etc.

CANADIAN MINERAL WOOL CO., Limited, 122 Bay Street, Toronto.

Montreal Agent:

GEO. A. COWAN, Room 23, 204 St. James St.

GEO. R. THOMPSON & CO.,

Agents, Winnipeg, Man.

STEVENS & BURNS

London, Ont.

To Municipal Corporations and Contractors:

... WE MANUFACTURE ...

Hydrants, Valves, Valve Boxes

and Water Works Supplies generally,

INCLUDING

Tools for tapping mains under pressure and Service Brass Work of all descriptions.



THE G. & J. BROWN MFG. CO.

Railway and Contractors' Plant.

BRIDGE BUILDERS

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 & CO.
 BUILDERS OF THE
 ... Bear Patent ...
COMBINATION - BRIDGE
DOON, ONT.

All communications promptly answered.

Fire Bricks and Cement

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

Paving and Scotia 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.
 31 Wellington Street, - MONTREAL,
 Sole Agents for
THE "GRANTRYX" SMOKE TEST AND DISINFECTING MACHINE.

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

Prices of Building Materials.

CONDITIONS OF THE MARKET.

No marked improvement in the demand for building supplies has taken place, although the country trade is said to be slowly improving, and favorable reports are being received from the rural lumbering sections. It is expected that building operations in Toronto this season will not be remarkably brisk. There have been few features in the cement market, only a fair movement in small lots being noted, and no large transactions having taken place. Prices consequently remain the same. Paints and oils are unsettled, and keen competition is going on between dealers. Business in glass shows some disposition to improve, but notwithstanding this fact, jobbers find it difficult to supply the demand, owing to the depleted condition of stocks, and very few new supplies being received.

LUMBER.

CAR OR CARGO LOTS.

Toronto. Montreal.

1/4 to 2 clear picks, Am ins.	33 00	36 00	40 00	45 00
1/4 to 2 three uppers, Am ins.	37 00	40 00	45 00	50 00
1/4 to 2 pickings, Am ins.	26 00	27 00	30 00	35 00
1 inch clear		52 50	60 00	
1 x 10 and 12 dressing and 1 better.	20 00	22 00	28 00	30 00
1 x 10 and 12 mill run.	16 00	17 00	19 00	20 00
1 x 10 and 12 dressing.	20 00	22 00	28 00	30 00
1 x 10 and 12 common.	13 00	14 00	8 00	10 00
1 x 10 and 12 spruce culls.	10 00	11 00	10 00	11 00
1 x 10 and 12 culls.	9 00	10 00	9 00	10 00
1 inch clear and picks.	28 00	32 00	33 00	35 00
1 inch dressing and better.	25 00	27 00	18 00	20 00
1 inch siding, mill run.	14 00	15 00	14 00	16 00
1 inch siding, common.	12 00	13 00	12 00	14 00
1 inch siding, ship culls.	11 00	12 00	10 00	11 00
1 inch siding, mill culls.	9 00	10 00	8 00	9 00
Cull scantling.	8 00	9 00	8 00	9 00
3/4 and thicker cutting up plank.	24 00	26 00	22 00	25 00
6 inch strips, 4 in to 6 in mill run.	14 00	15 00	14 00	15 00
4 inch strips, common.	11 00	12 00	11 00	12 00
1/2 inch flooring.	16 00	17 00	14 00	15 00
1/4 inch flooring.	16 00	17 00	14 00	15 00
XXX shingles, saw, per M				
16 in.	2 50	2 60	2 60	2 60
XX shingles, saw.	1 50	1 60	1 60	1 70
Lath.	2 40			

VALID QUOTATIONS.

Mill cull boards and scantling	10 00	10 00
Shipping cull boards, promiscuous widths.	13 00	13 00
Shipping cull boards, stocks	16 00	16 00
Hemlock scantling and joist up to 6 ft.	12 00	12 00
Hemlock scantling and joist up to 18 ft.	13 00	13 00
Hemlock scantling and joist up to 20 ft.	13 00	13 00
Cedar for block paving, per cord.	5 00	5 00

Toronto. Montreal.

Cedar for Kerbing, 4 x 14, per M.	14 00	14 00
Scantling and joist, up to 16 ft	14 00	14 00
" " " " " " " "	15 00	15 00
" " " " " " " "	16 00	16 00
" " " " " " " "	17 00	17 00
" " " " " " " "	19 00	19 00
" " " " " " " "	20 00	21 00
" " " " " " " "	22 00	23 00
" " " " " " " "	24 00	25 00
" " " " " " " "	27 00	27 00
" " " " " " " "	29 50	29 50
" " " " " " " "	31 00	31 00
" " " " " " " "	33 00	33 00
" " " " " " " "	34 00	36 10
Cutting up planks, 1 1/2 and thicker, dry.	25 00	25 00
Cutting up planks, 1 1/2 and thicker, board.	18 00	18 00

1 1/2 in. flooring, dressed, F.M.	26 00	30 00	28 00	31 00
1 1/2 inch flooring, rough, B.M.	18 00	22 00	18 00	22 00
1 1/2 " " " " " " " "	25 00	27 00	27 00	30 00
1 1/2 " " " " " " " "	18 00	19 00	18 00	19 00
1 1/2 " " " " " " " "	18 00	18 00	18 00	22 00
1 1/2 " " " " " " " "	12 00	15 00	12 00	15 00
Beaded sheeting, dressed.	20 00	22 00	22 00	25 00
Clapboarding, dressed.	12 00	12 00	12 00	12 00
XXX sawn shingles, per M				
18 in.	2 60	2 70	3 00	3 00
Sawn lath.	2 50	2 60	2 50	2 60
Cedar.			2 90	2 90
Red oak.	30 00	40 00	30 00	40 00
White.	37 00	45 00	35 00	45 00
Basswood, No. 1 and 2.	28 00	30 00	18 00	20 00
Cherry, No. 1 and 2.	70 00	70 00	80 00	80 00
White ash, No. 1 and 2.	24 00	31 00	30 00	35 00
Black ash, No. 1 and 2.	20 00	30 00	18 00	30 00
Dressing stocks.	16 00	22 00	16 00	22 00
Picks, American inspection.	30 00	40 00	40 00	50 00
Three uppers, Am. inspection.	50 00	50 00	50 00	50 00

BRICK - M

Common Walling.	7 50	6 00
Good Facing.	9 00	8 50
Sewer.	8 50	9 00
Pressed Brick, Per M:		
Plain brick, f. o. b. at Milton	14 00	
" " " " " " " "	14 00	
" " " " " " " "	9 00	
Hard Building.	6 50	
Moulded and Ornamental, per 100.	3 00	10 00
Roof Tiles.	21 00	
Diamond locking tile.	16 00	
Red "A" f. o. b. Don Valley	18 00	25 00
Red "B" " " " "	16 00	20 00
Red "C" " " " "	13 00	17 00
Trojan and Corinthian.	21 00	28 00
Pompeian.	22 00	29 00
Athenian and Egyptian.	25 00	31 00
Tyrian.	35 00	41 00
Sicilian.	40 00	45 00
Roman.	35 00	40 00
Carthaginian.	40 00	45 00
Ornamental.	30 00	100 00

1st quality, f. o. b. at Port Credit	14 00	18 00
2nd " " " "	12 00	15 00
3rd " " " "	8 00	12 00
Hard building brick.	6 50	
Ornamental, per 100.	3 00	10 00

SAND.

Per Load of 1 1/2 Cubic Yards	1 25	1 25
-------------------------------	------	------

STONE.

Common Rubble, per ton, delivered.	14 00	14 00
Large flat Rubble, per ton, delivered.	18 00	18 00
Foundation Block, per c. ft.	50	50
Kent Freestone Quarries		
M. n. n. n., N. U., per cu ft., f. o. b.	1 00	
River John, N. S., brown Freestone, per cu ft., f. o. b.	80	95
Balochmyle.	80	90
New York Blue Stone.		65
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25
Most Freestone.		70
Thomson's Gatehbridge, cu. ft.	75	80
Credit Valley Rubble, per car of 15 tons, at quarry.	8 00	
Credit Valley Brown Coursing, up to 10 inch, per sup. yard, at quarry.	1 75	
Credit Valley Brown Dimension, per cu. ft. at quarry.	60	
Credit Valley Grey Coursing, per superficial yard.	1 50	2 00
Credit Valley Grey Dimension, per cubic foot.	75	85
Madoc Rubble, delivered, per ton.	14 00	14 50
Madoc dimension floating, f. o. b. Toronto, per cubic ft.	30	32
Ohio Freestone, No. 1 Blue Promiscuous f. o. b.	60	
No. 1 Blue Dimension.	65	
No. 1 Buff Promiscuous.	80	
No. 1 Buff Dimension.	85	
The above prices means freight and duty paid.		
2 in. sawed flaggings per sq. ft.	12	
3 in. " " " "	12 1/2	
4 in. " " " "	16 1/2	
4 1/2 in. " " " "	22	
5 in. " " " "	27 1/2	
6 in. " " " "	33	
Duty to be added to these prices.		
Quebec and Vermont rough granite for building purposes, per c. ft. f. o. b. quarry	73	1 50
For ornamental work, cu. ft.	15	2 00
Granite paving blocks, 8 in. to 12 in. x 6 in. x 4 1/2 in., per M	50 00	
Granite curbing stone, 6 in. x 20 in., per lineal foot.	70	

SLATE.

Roofing (per square).		
" red.	16 00	20 00
" purple.	9 00	10 00
" unslating green.	8 50	6 00
" black.	8 00	7 50

Toronto. Montreal.

Terra Cotta Tile, per sq.	22 00	
Ornamental Black Slate Roofing.	8 00	

PAINTS. (In oil, per lb.)

White lead, Can., per 100 lbs.	6 25	6 50	6 00	6 25
" zinc, Can., " "	6 50	7 50	7 50	8 00
Red lead, Eng.	5 1/2	6 1/2		6
" venetian, per 100 lbs.	1 60	1 75	1 60	1 75
" vermilion.	90	1 00	90	1 00
" Indian, Eng.	10	12	10	12
Yellow ochre.	5	10	4	6
Yellow chrome.	15	20	15	20
Green, chrome.	7	12	7	12
" Paris.	3	40	20	20
Black lamp.	15	25	12	25
Blue, ultramarine.	15	20	12	18
Oil, linseed, raw, Imp. gal.	65	68	63	65
" " boiled.	68	72	66	68
" " refined.	78	85	75	75
Putty.	2 1/2	2 1/2	2 1/2	2 1/2
Whiting, dry, per 100 lbs.	75	1 00	60	75
Paris white, Eng., dry.	90	1 25	90	1 10
Litharge, Am.	6 1/2	8	6 1/2	8
Sienna, burnt.	15	20	12	15
Umber.	8 1/2	12	12	15

CEMENT, LIME, etc.

Cement, Portland, per bbl.	2 25	3 50
" English	2 25	3 25
" Belgium	3 25	1 50
" Thorold.	1 50	
" Queenston.	1 10	
" Napanee.	1 50	
" Hull.	1 50	
" Gernar.	3 25	2 65
" London.	2 75	2 45
" Newcastle.	2 50	2 35
" Belgian.	2 30	2 3
" Canadian.	2 30	2 25
" Roman.	4 50	4 71
" Superfine.	6 50	7 00
Keene's Coarse " Whites."	4 50	4 75
Calced plaster, per barrel.	1 55	1 70
Fire Bricks, Newcastle, per M	17 50	22 00
" Scotch.	24 00	30 00
Lime, Per Barrel, Grey.	40	
" " White.	55	
Plaster, Calced, N. B.	2 00	
" " N. S.	2 00	
Hair, Plasterers', per bag.	80	1 00

HARDWARE.

Cut nails, 5d & 6d, per keg	2 40	2 25
Steel " " "	2 35	
CUT NAILS, FENCE AND CUT SPIKES.		
4d, hot cut, per 10 lbs.	5	
3d, " " "	10	
2d, 16d and 12d, hot cut, per 100 lbs.	15	15

Toronto. Montreal.

10d, hot cut, per 100 lbs.	20	20 00
8d, 9d, " " "	25	25
6d, 7d, " " "	40	40
4d to 5d, " " "	60	60
3d, " " "	1 00	1 00
2d, " " "	1 50	1 50
4d to 5d cold cut, not polished or blued, per 100 lbs.	50	50
3d to 5d cold cut, not polished or blued, per 100 lbs.	90	90

FINE BLUED NAILS.

3d, per 100 lbs.	1 50	1 50
2d, " " "	2 00	2 00

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

12d to 30d, per 100 lbs.	50	50
10d, " " "	60	60
8d and 9d, " " "	75	75
6d and 7d, " " "	90	90
4d to 5d, " " "	1 20	1 20
3d, " " "	1 50	1 50

FINISHING NAILS.

3/4 inch, per 100 lbs.	85	85
2 1/2 to 2 3/4 " " "	1 00	1 00
2 to 2 1/2 " " "	1 15	1 15
1 1/2 to 1 3/4 " " "	35	35
1 1/4 " " "	1 75	1 75
1 " " "	2 25	2 25

SLATING NAILS.

5d, per 100
