

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

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS, TENDERS, ADVANCE INFORMATION AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

This paper reaches every week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

VOL. 9.

MAY 11, 1898

No. 15.

THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY WEDNESDAY

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.

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

Advertising Rates on application.

New York Life Insurance Building, Montreal.

Bell Telephone 2299.

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.

McINTYRE BLOCK, WINNIPEG

Arrangements are being made for erection of a new building, 274 ft (frontage) x 92 ft deep x 5 stories high, with modern improvements, to replace the old one lately destroyed by fire. Manufacturers and others who can quote such prices for building materials, etc., as will allow their being laid down in Winnipeg at a satisfactory cost, are invited to send me descriptive price lists of their specialties. In case of orders, satisfactory guarantees as to payment will be given. Address, JAS. H. CADHAM, Builder and Contractor, Winnipeg.

Tenders Wanted

Tenders addressed to the Town Clerk will be received up to Noon,

TUESDAY, MAY 31ST,

for the Construction of CEMENT WALKS in the Town of Berlin in 1898. Specifications and forms of tender may be obtained from the undersigned. The lowest or any tender not necessarily accepted.

H. ALETTER,
Town Clerk.

E. BRICKER,
Chairman Board of Works.

TO ARCHITECTS

The undersigned will receive, up to Noon, WEDNESDAY, JUNE 15TH NEXT, Competitive Plans and Specifications for the

Erection of a New Municipal Building

in the City of Stratford, also Plans and Specifications for reconstruction on the walls of old building lately destroyed by fire.

Architects wishing to submit Plans and Specifications for the above work can have full information sent them by addressing the undersigned.

GEO. F. INGRAM,
Chairman Market and Police Committee.

Box 168, Stratford, Ont.

STONE FOR SALE

A quantity of large flat Rubble. Immediate shipment Apply to

B. BEAR, Glenwilliams, Ont.



TENDERS

FOR SUPPLY OF

COAL, BRICK AND CEMENT

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to Noon on MONDAY, THE 23RD INST., for the supply of Soft Coal Screenings (or for run of mine) for the Waterworks Department, from the date of the execution of the contract until May 31st, 1899 (about 8,000 tons); also for 500 tons of Anthracite Coal for the same time; also for a

SUPPLY OF BRICK AND CEMENT

for the same period.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto, on and after Tuesday, the 10th inst.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2 1/2 per cent. on the value of the material tendered for, must accompany each and every tender, otherwise they will not be entertained.

Tenders must bear the bona-fide signatures of the contractor and his sureties, or they will be ruled out as informal.

Lowest or any tender not necessarily accepted.

JOHN SHAW, Mayor,
Chairman Board of Control.

Toronto, May 7th, 1898.

CONTRACTS OPEN.

MELBORO, QUE.—An Episcopal church will be built here.

COWANSVILLE, QUE.—There is an agitation for a fire station.

VERNON, ONT.—P. Dallish will build a residence this summer.

KERWOOD, ONT.—W. Downing is preparing to erect a residence.

KENTVILLE, N.S.—A public building, to cost about \$15,000, will be built here.

WYOMING, ONT.—There is a movement on foot in favor of securing electric light.

IROQUOIS, ONT.—A proposition to furnish electric light has been made by Mr. Keele.

MIDDLE STEWACKE, N.S.—T. B. Davidson is making preparations to build a house.

ARNPRIOR, ONT.—John Cunningham is preparing to build a storehouse and dwelling.

RIVER HERBERT, N.S.—It is expected that the Dominion government will build a wharf here.

BAIE ST. PAUL, QUE.—A company is being formed to build a chemical pulp mill here.

JERSEYVILLE, ONT. R. A. Dunham is about to build a new store and hall.

THREE RIVERS, QUE.—The city has invited tenders for the purchase of \$25,000 of debentures.

BEAUPORT, QUE.—L. M. Grenier will receive proposals up to 14th inst. for a loan of \$75,000.

MERRITON, ONT.—The town will put down a sample macadamized roadway, at a cost of \$2,000.

LA PATRIE, QUE.—There is talk of building an electric railway between here and Scotstown.

CARLUKE, ONT.—It is expected that the erection of a new church will shortly be commenced.

PORT ELGIN, N.B.—The Presbyterians will build a church this summer. Rev. Mr. Fraser, pastor.

FIFTHWOOD, ONT.—The trustees of the church are considering the carrying out of improvements.

EDMONTON, N.W.T.—G. Gallagher is calling for tenders for building a two-story brick store, 26 x 60 feet.

PORT ARTHUR, ONT.—The erection of a building for Mr. Morgan will likely be commenced this week.

ALGONQUIN PARK, ONT.—The residence of James McKinley, burned some weeks ago, will be rebuilt.

LOW, QUE.—The parishioners have decided to make extensive improvements to their church; cost \$2,000.

ODESSA, ONT.—E. O. Clark, clerk, will receive tenders up to May 28th for extensive repairs to town hall.

BERLIN, ONT.—The High School Board will ask the council to issue debentures for remodeling the school.

YORK MILLS, ONT.—D. B. Birrell will shortly leave for the Temiscamingue district, where he will erect an hotel.

SIMCOE, ONT.—C. C. Fairchild, town engineer, has invited tenders for concrete and masonry work for new bridge.

TADOUSAC, QUE.—It is announced that Mr. Drew, a New Hampshire man, will erect a pulp mill in this vicinity.

HARROW, ONT.—New fire apparatus will be purchased at once, the village fire engine having been destroyed by fire.

WOODSTOCK, ONT.—Arrangements have been made for commencing work at an early date on the new C.P.R. station.

VANCOUVER, B. C.—A concentrator, to cost \$15,000, is to be erected on the Dundee mine, in the Ymir camp, this summer.

ACTON, ONT.—H. Swackhammer is endeavoring to form a joint stock company to build a tannery here or at Guelph.

RAT PORTAGE, ONT.—The by-law providing for the erection of a central school has been passed by the town council.

RENFREW, ONT.—W. N. Fairchney will receive whole or separate tenders up to Saturday, May 14th, for a brick residence

on Plaunt street. Plans at office of J. & J. D. McNicol.

PARRY SOUND, ONT.—Mr. Kerr, of Walkerton, is negotiating for the erection of a factory here to manufacture wooden-ware.

BATTLEFORD, N.W.T.—J. G. Prince, postmaster, intends erecting a building to be used as a private residence and post-office.

COLLINGWOOD, ONT.—A. W. Campbell, Provincial Road Commissioner, will visit this town on the 16th inst. to discuss road improvement.

BALDERSON, ONT.—The tenders for building St. John's church were found too high, and it is probable that the plans will be modified.

KINGSTON, ONT.—It is said that the Montreal Transportation Co. purposes building a flour mill in connection with their elevator here.

CHESTERVILLE, ONT.—Rev. John S. O'Connor will receive proposals up to May 16th for extension and remodelling of St. Mary's church.

SHERBROOKE, QUE.—Mr. Savoye, of Rimouski, has made a proposition to the council to establish a box factory and erect suitable buildings here.

ALVINGTON, ONT.—W. A. Moffatt, reeve, of this place, will receive tenders up to May 23rd for the purchase of about \$2,000 of debentures.

STRATFORD, ONT.—The time for receiving competitive plans for new city hall has been extended to Wednesday, June 15th, as per advertisement.

FERGUS, ONT.—The School Board have asked the Council to grant \$3,000 for remodeling the school building, including improved system of heating.

ATWOOD, ONT.—K. M. Ballantyne will erect a new building, with hall above, fitted with modern improvements. Contract for brick work has been let.

SARNIA, ONT.—Tenders for the erection of laundry buildings at general hospital are wanted by May 12th. Plans at office of J. C. Robson, architect.

BROOKE, ONT.—James Lucas, commissioner, will receive tenders up to May 23rd for the construction of the Parker Lucas drain, in township of Brooke.

PETROLEA, ONT.—The council is considering the erection of a new bridge over the creek on the Blind line, 84 foot span, 15 to 18 feet wide, cost \$1,000.

ROSLAND, B.C.—The Bank of Montreal intend building a three-storey fire-proof banking building at this place, for which plans are now being prepared.

FREDERICTON, N.B.—Plans have been prepared by a St. John architect for extensive alterations to Christ's church, for which tenders will shortly be invited.

OWEN SOUND, ONT.—The Board of Works has recommended the town council to invite tenders for a road roller of not less than 12 tons weight.

HALIFAX, N.S.—W. L. Brown, City Treasurer, will receive tenders until June 3rd for the purchase of two lots of debentures, one of \$10,859 and another of \$114,850.

NIAGARA FALLS, ONT.—The town engineer has been instructed to prepare plans and submit an estimate of cost of paving the principal streets with vitrified brick.

WOLFVILLE, N.S.—The various municipalities in the county have been asked to assist towards the erection of a public building, including court house, jail, etc.

ST. JOHN, N.B.—The Commissioners have requested the city council to install a new system of heating in the Alms house. They favor hot water, estimated to cost \$6,000.

GUELPH, ONT.—The foundation is

being excavated for John Cunningham's residence.—William Day is about to erect a large two storey brick residence on Waterloo avenue, cost \$6,000.

TRURO, N.S.—W. D. McCallum, town clerk, will receive tenders up to Saturday, May 21st, for the purchase of \$39,200 of debentures.—Clark Archibald is preparing to build a residence.

BRODHAGEN, ONT.—Whole or separate tenders for the construction of the Nicholson municipal drain, in Logan township, will be received by F. Jacob, township clerk, up to May 28th.

BOTHWELL, ONT.—Tenders are wanted by W. A. Scott, town clerk, up to 13th inst., for the erection of brick fire hall and council chamber, from plans by T. J. Rutley, architect, Chatham.

MAGOG, QUE.—A scheme has been formulated whereby the towns of Magog and Coaticook will purchase a road roller.—It has been decided to lay a permanent sidewalk opposite the town hall.

ALMONTE, ONT.—D. H. Davis is about to erect a large building.—Tenders for heating and ventilating apparatus for Martin street school are invited until May 31st. Address D. Hamilton.

ST. CATHARINES, ONT.—D. L. Cruickshanks has purchased property on King street on which he will build a double house.—Newman Bros. will build a modern dwelling on Church street.

GRANBY, QUE.—A by-law providing \$50,000 for paying off certain liabilities, constructing permanent roadways and sewers, and for a system of arc and incandescent lighting, was carried last week.

HARRISTON, ONT.—The proposal to form a joint stock company to establish a pork packing business, is meeting with success so far. An effort will be made to raise the sum of \$100,000 for the purpose.

BRUSSELS, ONT.—The by-law regarding new sewers and sidewalks has been carried by the ratepayers. It is now expected that granolithic walks will at once be constructed, also a sewer on Main street.

ORILLIA, ONT.—Tenders are invited by the town for a street lighting plant, an incandescent lighting plant, power service and steam plant. Particulars from town clerk or R. J. Parke, consulting engineer, Toronto.

BATHURST, ONT.—The township council of Bathurst has asked the adjoining municipalities to assist in building a bridge over the Mississippi river, opposite the town line between Bathurst and Drummond.

HINTONBURG, ONT.—Joseph A. Bullman has purchased property on which to build a residence.—The by-law to provide \$30,000 for the construction of a sewerage system was defeated by the ratepayers last week.

BRAMPTON, ONT.—It is probable that a new iron bridge will be built on Queen street.—The Chairman of the Light Committee has moved in council that tenders be invited for lighting the town with either electricity or gas.

BROCKVILLE, ONT.—The city council have appointed a committee to select a suitable site on which to build an armory and drill shed.—A by-law has just been passed providing for the construction of granolithic sidewalks on several streets.

SHAWENEGAN FALLS, QUE.—Montreal and Boston capitalists, who recently agreed to expend \$4,000,000 in establishing industries within thirty months, have commenced operations. It is understood that pulp and paper mills are included in the scheme.

PRINCE ALBERT, N.W.T.—Tenders have been invited for a Methodist church, frame, on stone foundation. W. J. Kernaghan, secretary of committee.—The erection of a two-storey brick building on

the Russell property will shortly be commenced.

CHICOUTIMI, QUE.—The town is considering a by-law to grant a bonus of \$30,000 to the Chicoutimi Pulp Co., in lieu of which the company agrees to build a large sulphite pulp mill and to expend in all some \$250,000. The company is now building a modern hotel.

MONCTON, N.B.—The trustees of the Central Methodist church will repair the present building, the scheme for building a new church having been abandoned.—Work will shortly be commenced on the new building for the Merchant's Bank of Halifax, to be of stone, three storeys.

DRESDEN, ONT.—Mr. Northcote will shortly commence the erection of a residence.—M. S. Blackburn, Box 41, wants tenders by 31st inst. for iron bridge, 125 feet long, 6 foot roadway, over Sydenham river. Plans at residence of James D. Crafts, lot 5, concession 8, Dawn Mills.

COLDWATER, ONT.—Tenders for the erection of a Methodist church at Eady will be received by Rev. A. W. Churchill, of this place, until Saturday, 21st inst. Separate tenders are asked for masonry, carpenter work and painting and glazing.—O. England intends erecting a residence on Gray street.

WATERLOO, ONT.—Tenders for the supply of sewer pipe to the town will be received by Aloyes Bauer, chairman Sewer Committee, up to May 16th.—A by-law authorising the issue of \$12,000 of debentures for an electric railway between Waterloo and Galt was submitted to the ratepayers yesterday.

CHATHAM, ONT.—Powell & Carswell, architects have invited tenders for two residences.—It is said that the Michigan Central Railway will extend its double track from Essex to Taylor during the coming summer.—Powell & Carswell, architects, have prepared plans and invited tenders for a brick veneer convent, with stone basement and hot water heating, and for a brick school house, with stone foundation and hot air heating, to be erected at Tilbury. Plans at office of architect up to 14th inst.—James L. Wilson & Son, architects, this city, have prepared plans for a \$3,000 brick residence for Mungo Stewart, of Tilbury.

LONDON, ONT.—The Board of Education have approved of the plans for a new school on Collegiate Institute grounds, and tenders for erection will be invited at once. The structure will be 45x69 feet, having six rooms, with cloak rooms, etc.; interior of wood finish with oak stairways; foundation of Credit Valley stone, and upper stories of brick; heated by hot air.—The Queen City Oil Co. have taken out a permit for a cooperage warehouse, office and stable, to cost \$1,800.—Willis Chipman, consulting engineer, has submitted a report to Council regarding the proposed section "A" of the new sewer. He recommends that 22-inch cast-iron pipe be used.

ST. THOMAS, ONT.—The City Council have adopted the plan submitted by Neil Darrach for the new city hall, the second prize being awarded to J. Z. Long & Son.—On May 28th the ratepayers will vote on a by-law to grant the sum of \$20,000 towards assisting the Lake Erie and Detroit River Railway in the construction of its road.—James A. Bell, C.E., will receive tenders up to Saturday, 14th inst., for rebuilding wooden bridge over the Big Otter creek, on town line between Bayham and Middleton.—Jewett & Co., of Buffalo, purpose establishing a brass factory in this city. Plans for a suitable building are now being prepared by a Buffalo architect.

WINNIPEG, MAN.—Tenders for supplying school desks will be received by Stewart Mulvey, secretary School Board, until Thursday, June 9th.—It is the intention of the Imperial Bank of Canada to make exterior and interior alterations to

its banking premises in this city.—The estimates of the Board of Works, presented last week, include the following: New catch basin, \$1,000; tools and plant, \$1,800; sewer repairs and flushing, \$5,000.—William Brydon will receive tenders up to 12th inst. for erecting certain buildings and sidewalks for Winnipeg Industrial Exhibition Association.—J. H. G. Russell, architect, has invited tenders for alterations to 296 Main street.—The Winnipeg Coffee and Lodging House Co. have purchased property on Lombard street on which to erect their new building.

VICTORIA, B.C. J. G. Tiarks, architect, has invited tenders for bungalow residences at Oak Bay and on Esquimaux road.—B. Williams and A. A. Hughes propose to build a tramway from the head of steamboat navigation, on Big Windy Lake, Cassiar district, to the limits of the province, a distance of 15 miles.—F. M. Rattenbury, architect, has invited tenders for building an hotel of 60 rooms at Glenora.—The city engineer has presented a report to council on the necessary improvements to the waterworks, estimated as follows: Facing slopes with concrete, \$10,000; roofing reservoir, \$3,000; concrete work around outlet pipe, connecting pipes, etc., \$2,000.—The city has communicated with the Dominion government officials regarding the building of a retaining wall across James Bay.

HAMILTON, ONT.—The Ontario Tack Co. will build a large addition to their factory.—Charles James is about to enlarge his factory premises.—The city engineer has recommended the laying of a 6-inch water main on Augusta street, between Hughson and Walnut streets, at a cost of \$1,480.—William & Walter Stewart, architects, have been instructed to prepare plans for remodelling and enlarging the Y.M.C.A. building. A feature of the improvements will be a roof garden over the auditorium.—It is probable that a coal filter will be introduced at the Ferguson avenue sewage disposal works.—The following building permits have been granted: Ting & McGill, two-story brick dwelling on Main street, between Queen and Hess streets, cost \$9,000; Stewart McPhie, stores and dwellings on John street south, for F. Smith, cost \$7,000; E. Carleton, two 2-story brick dwellings on Severn street, cost \$1,800. The value of building permits issued during April was \$40,200, a slight increase over the same month last year.—W. A. Edwards, architect, wants tenders by Saturday, 14th inst., for erecting brick residence on Bay street south.

OTTAWA, ONT.—Tenders have been invited for building a house on Third ave.; plans at 170 Kent street.—L. K. Jones, secretary Department Railways and Canals, will receive tenders up to Tuesday, May 21st, for the construction of an hydraulic lift lock at Peterboro', in connection with the Trent Canal. Plans at above department.—The new St. George's Ward fire station will cost about \$8,000. It is expected that the site will be at the corner of Theodore and Wallace streets.—The Board of Trade will endeavor to induce the government to place an elevator in the customs building.—At a meeting of the Ottawa East Council last week, permission was granted to the Montreal & Ottawa Railway Co. to erect a bridge at the crossing on Parry street.—It is stated that a station will be built in Gloucester township, on the line of the Ottawa and New York Railway.—Bate & Co. are excavating for the foundation of a new store on Rideau street.—The Main Drainage Committee will this week present its report to the City Council. By the route recommended, the cost of the entire system will be about \$418,000.—E. F. E. Roy, secretary Department of Public Works, wants tenders by Monday, 23rd inst., for construction of wharf on Merigonish Island, Pictou County, N. S.—The Great

Northwest Central Railway Co. is making surveys for the extension of its road.

MONTREAL, QUE.—The plans of J. Emile Vanier, architect, have been accepted for the new St. Jean Baptiste church, to replace the one destroyed by fire last fall. The cost of erection will be about \$100,000.—The city council is still negotiating with the authorities of the G.T.R. regarding a site for the proposed office building. Several offers made by the special committee have been refused by the railway authorities.—It is reported that negotiations are now on foot between a leading manufacturing firm and Messrs. James C. Hodgson, of this city, for the acquisition of property of the latter at St. Henri, with a view to the establishment thereon of large rolling mills.—From present indications there will be less building in the city of Montreal this year than usual. The number of permits issued so far has been considerably below the average for the past few years.—At the last meeting of the city council, the Finance Committee recommended that \$73,000 be borrowed for the following purposes: \$40,000 for the paving of Craig street; \$10,000 for macadam; \$11,000 for wooden sidewalks; \$3,500 for defining the limits between the St. Denis and Hochelaga wards; \$1,600 for Place d'Armes and \$1,500 for squares.—Tenders for supply of lumber for the city will be received up to Thursday next.—L. R. Montbriand, architect, is preparing plans for alterations to a house at Blue Bonnets for Thomas Trenholm, and for an extension and vault for the Banque Ville Marie, Notre Dame street, Hochelaga.

QUEBEC, QUE.—It is announced that the government has authorized the Harbor Commissioners of this city to issue bonds to the amount of \$350,000 to build a wharf 840 feet long, extending to Atkinson's wharf.—H. Staveley, architect, has completed plans and invited tenders for the manse in connection with Chalmers' church. The building will be two stories, with basement and annex, 40 x 36 feet, and faced with Deschambault stone.—The cottages which are to be constructed on Maple avenue this summer by a syndicate will be built in pairs, and will be of modern design, faced with pressed brick.—W. D. Baillarge, assistant city inspector, will receive tenders up to Wednesday, 18th inst., for the following: Asphalt sidewalks, 1,000 square yards; asphalt pavement, 20,000 square yards; granite, gneiss or Cap Rouge block pavement, 8,000 square yards; stone curbing, 10,000 lineal feet.—Chas. Baillarge, C. E., at the request of a Belgium firm, is at present at

Murray Bay, testing the water power of a river some twenty miles below Malbaie, for the purpose of reporting thereon.—The Road Committee has requested the city engineer to prepare plans for a steel swing bridge to replace the old Bickell's bridge. The committee is desirous also of damming the river at this point. It is estimated that the cost of the work, including the bridge, locks, and artificial channel and swing gates, would be about \$100,000.—The plans of the proposed bridge to be built by the Quebec Bridge Co. have been approved of by the railway committee of the privy council. The bridge will have a span of 1,200 feet in width and 160 feet in height.

TORONTO, ONT.—It is reported to be the intention of the officials to build an addition to the Parliament buildings, to provide additional library accommodation.—F. H. Herbert has purchased property on the northwest corner of St. George street and Prince Arthur avenue, on which a first-class detached residence will be erected.—A. D. Holmes, architect, has been instructed by the Separate School Board to prepare plans for a two-room brick school to be built on Caer Howell street, to cost \$3,000.—Frank A. Wood, real estate agent, has sold a lot on north side of Harvard avenue, on which will be erected two detached solid brick houses.—It is stated that the R. Simpson Co. will spend about \$10,000 in building an annex to their store on the property fronting on the north side of Richmond street, immediately to the east of Knox church.—We are advised by the Massey-Harris Co. that plans have not yet been completed for the extensive addition to their works.—E. B. Jarvis, architect, is preparing plans for a residence for Major Pellatt, to be built on Sherbourne street, cost about \$30,000.—Darling & Pearson, architects, are preparing plans for the new Bank of Commerce building, corner Yonge and Bloor streets, to be of pressed brick and terra cotta, with stone base, four stories, 80 by 25 feet.—E. J. Lennox, architect, has prepared plans for improvements to the Bijou Theatre on Yonge street, cost \$12,000.—Plans are being prepared for a new shop front for Bilton Bros., King street west, cost \$1,000.—The Royal College of Dental Surgeons have purchased property to the west of their present building and will build thereon.—The Grand Trunk Railway Company have decided to erect a new station at the Don, King street east, and also to remodel the yards at York station.—The War Eagle Consolidated Gold Mining

(Continued on page 4.)

THE HAMILTON BRIDGE WORKS CO., LIMITED.

HAMILTON - CANADA

Railway and Highway Bridges

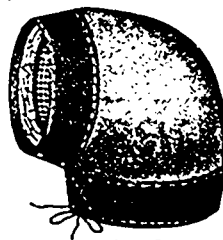
AND ALL KINDS OF

STEEL STRUCTURAL BUILDING WORK, Observation and Water Towers, Tanks, Caissons, Piers, Buoys, Roofs, Inclines, Etc.

STEEL SHIPS.

HEAVY FORGINGS a Specialty.

A Large Stock of STEEL BEAMS, CHANNELS, ANGLES and PLATES always on hand. ESTIMATES FURNISHED ON APPLICATION.



ELBOW

MICA BOILER AND STEAM PIPE COVERINGS

The Highest Non-Conductor and the Cheapest Covering on the Market.

Full Particulars from

The Mica Boiler Covering Co. - 9 Jordan St., Toronto
MONTREAL WINNIPEG

Co., of which Messrs. George Gooderham and T. G. Blackstock, of this city, are the prime promoters, is now taking tenders for a large steel galleys frame to provide shelter for the plant. The structure will cost \$30,000, and will be 120 feet high, 300 feet long and 45 feet wide.—The Board of Control, at its meeting last week, decided to throw out all the tenders for elevators for the new municipal buildings, and to invite new tenders on revised specifications.—F. H. Herbert, architect, is this week taking tenders for a cottage on Toronto Island for L. G. Christie. Tenders close on Thursday. Same architect has prepared plans for all interior fittings to new store at 146 Yonge street for Messrs. Neulich & Co., and also for making extensive alterations to the McCarron Hotel, corner Queen and Victoria street, tenders for which will be invited next week.—Building permits have been granted as follows. Toronto Ferry Co., grand stand at Hanlan's Point, cost \$2,200; W. Ross, remodelling store, south-east corner Bay and King streets, cost \$6,000; also alterations to No. 5 King street west, cost \$5,000.—A deputation of the Public School Board last week urged the Board of Control to grant the sum of \$107,000 for additional school accommodation. After making an inspection of the schools, Dr. Bryce, secretary of the Provincial Board of Health, has issued an order requiring the city to furnish more accommodation for pupils.—Simpson & Ellis, architects, are preparing plans for alterations to three residences at Toronto Junction, two for James McIntosh and one for Mr. Powell.—Tenders close Friday next, at the office of J. F. Brown, architect, for the Firstbrook building, King street east.—A. R. Denison, architect, will be prepared to take tenders towards the close of next week for the new buildings for Messrs. Hees & Son, Davenport road, referred to in former issue.—Tenders are wanted by this (Wednesday) evening for building a solid brick house west of bridges on Dundas street; plans on job.—The City Council has given notice of its intention to construct asphalt pavements on the following streets: College st., Yonge to Spadina ave., cost \$44,700; Gerrard st., Jarvis to Church, \$8,100; Cowan ave., King to Queen sts., \$8,470.—The city engineer has submitted to the Board of Works the following list of track allowance pavements needing repair, with cost of same: Yonge st., scoria block, from King to Queen, \$5,762; Yonge st., granite, from Queen to Hayter, \$14,357; Yonge st., Grenville to Bloor, granite, \$16,120, asphalt, \$9,300; Queen st., Yonge to Bathurst, \$25,593; Queen st., Bathurst to subway, \$13,860; King st., Simcoe to Bathurst, \$9,460; College st., McCaul to Bathurst, \$3,500; Carlton st., Yonge to Parliament, \$5,280; Queen st., Yonge to River, \$1,330; Dundas st., Queen to Arthur, \$1,600; Yonge st., Bloor to Davenport, \$3,030; Queen st., Pape to Greenwoods, \$7,564. Alternate tenders for granite or asphalt, with ten years' guarantee, are recommended for Yonge street. The city engineer also recommends the construction of the following pavements: Clarence square, cedar block, \$1,675; James st., Queen to Albert, cedar block, \$2,730; Teraulay st., Queen to Albert, macadam, \$2,300; River st., Queen to Gerrard, macadam, \$6,625; Sackville st., King to Eastern ave., macadam, \$1,000; Nassau st., Bathurst to Bellevue avenue, brick on gravel, \$3,900; Ross st., College to Cecil, brick on concrete, \$3,780; Spadina ave., 42-ft. brick on concrete, from

Front to King, \$10,200; Shaw st., cedar block, Queen to Arthur, \$5,140; first lane south of Front st., west of Yonge, brick on concrete, \$3,200. The extension of the street car track along Dupont street from Avenue Road to Bathurst street is reported against.—The sub-committee appointed to select a site for the smallpox hospital will probably recommend that it be located in the northeastern part of Riverdale Park, and that a permanent building be erected.—The city clerk has received a petition against a brick pavement on Bolton avenue, between Queen and Gerrard streets.—The York County Commissioners have inspected several small bridges in different localities, and as a result will recommend repairs thereto.

FIRES.

The fires of the past week are as follows: Frame dwelling at Collingwood, Ont., owned by P. Long.—The Truro Condensed Milk & Canning Co.'s premises at Truro, N. S., loss about \$50,000. It is the intention of the com-

pany to rebuild at once.—Saw, shingle and planing mill at White Lake, Ont., owned by R. E. Box; loss \$5,000.—H. Willert's saw mill, about three miles west of Dashwood, Ont.—Large barn of W. G. Wright at Harrow, Ont., including the town fire engine and hose.—Saw mill of George Rowe, situated about two miles west of Franklin Centre, Ont.; loss \$2,500.—Mill of the Canadian Gold Fields Co., at Marmora, Ont.; loss \$75,000.—Peter York's dwelling in Thurlow, near Belleville, Ont.; loss \$2,500.—The implement warehouse of J. S. Pottan and residence of A. Horsley at Amherstburg, Ont.; loss \$2,500.—Pump house, railway station and freight shed of C. P. R., J. Hetherington's store and C. Deyo's residence, all at Sharbot Lake, Ont.—C. P. R. station and large hotel at Sicomous, B. C., totally destroyed.

CONTRACTS AWARDED.

COBOURG, ONT.—Cementsidewalks. Guelph Pavement Co., contractors.

PEMBROKE, ONT.—Water works supplies: Dunlop & Co., contractors.

GALT, ONT.—Building for Turnbull & Co.:

CHARLES HUGHES - Milton West, Ont.

All Kinds of Municipal Work

CURBING, CROSSING, CHANNELLING, FLAGGING, ETC.

Rough Heavy Lime-stone for Breakwater Cribbing, Etc.

Credit Valley Grey Dimension, any size, Sills, Steps, Coursing, Bridge Blocks, Engine Beds.
— Estimates Given for All Kinds of Cut Work —

JOSSON CEMENT .. Manufactured at.. NIEL ON RUPELL

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works.

TO BE HAD FROM ALL CANADIAN DEALERS

C. I. de Sola, Manager in Canada .. 180 St. James Street, MONTREAL

For Artificial Stone Pavements, Roofing Gravel, Concrete, Etc.

USE "CRUSHED QUARTZITE"

LAURENTIAN SAND & GRAVEL CO.

Telephone 2491.

MONTREAL

18 St. Alexis Street.

Write for Prices delivered In your town.

"STAR" PORTLAND CEMENT

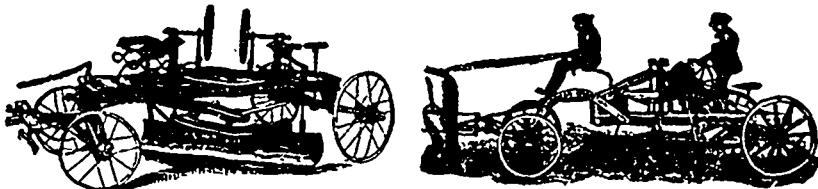
WE GUARANTEE EVERY BARREL
QUALITY UNIFORM AND UNSURPASSED

The Rathbun Co., Deseronto, Ont.

Good Roads Machinery

HERE'S A PAIR OF

CHAMPIONS



Steel CHAMPION Reversible. American CHAMPION Reversible.
SIMPLE IN CONSTRUCTION. STRONG IN EVERY PART. EASY TO OPERATE.
THE MOST POWERFUL AND DURABLE ROAD GRADERS MANUFACTURED.

GOOD ROADS MACHINERY CO. - Hamilton, Canada

MUNICIPAL DEBENTURES

wanted for foreign clients. We can place Debentures direct with foreign clients without charge to municipalities.
: : : : Commission allowed to persons introducing new business : : : :

ÆMILIUS JARVIS & CO. (Member Toronto Stock Exchange) 23 King St. West, TORONTO
Stock and Bond Brokers. Investment Agts.

ELECTRIC RAILWAY BONDS PURCHASED.

STOCK EXCHANGE ORDERS PROMPTLY EXECUTED

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

W. A. Kribs, of Hespeler, successful tenderer, about \$11,000.

INDIAN HEAD, N. W. T.—Methodist church: Fraser & Cameron, contractors, \$4,482.

HAMILTON, ONT.—Aerial truck for city: Ronald Engine Co., successful tenderers.

WESTMEATH, ONT.—Methodist church: Messrs. McDowall, of Pakenham, contractors.

TILBURY NORTH, ONT.—The municipality has purchased a Sawyer-Massey road machine.

WINNIPEG, MAN.—Fire engine for city: Watertown Engine Works Co., Brantford, contractors, \$4,600.

MILLTOWN, N. B.—Vestry building for St. James Presbyterian church: Barclay & Fairhead, contractors.

PLATTSVILLE, ONT.—Cylinder sub-structure for Moscow Bridge: Stratford Bridge Co., successful tenderers.

ST. CATHARINES, ONT.—Concrete sidewalks: Newman Bros., contractors, 11½ cents per square foot.

CHATHAM, ONT.—Portland cement and sewer pipes: J. & J. Oldershaw; Akron cement and sand, O. B. Iulian.

BLAIR, ONT.—Iron bridge at Breslau: Hamilton Bridge Works Co., contractors, \$1,460, including steel joists and lattice railing.

BARRIE, ONT.—Alterations to town hall and fire hall: Carpenter work, A. Rankin; painting, H. Bowen; roofing, Douglas Bros., Toronto.

GODERICH, ONT.—Presbyterian church at St. Helens: Buchanans & Rhynas, this town, contractors; W. E. Binning, Listowell, architect; cost \$4,500.

OTTAWA, ONT.—Butterworth & Co. have secured contract for hot water heating system in Dr. J. D. Ceurtenay's office and residence. Hewitt & MacLaren, architects.

COLLINGWOOD, ONT.—Cement sidewalks: H. G. Wynes, Ontario, Minnesota and St. Marie streets, price 11 cents per foot; J. Lockton, Maple street, same price.

NIAGARA FALLS, ONT.—Y.M.C.A. building: Waugh & Robertson, carpentry, \$2,600; John Blair, masonry, \$1,200; W. J. McMurray, plumbing and heating, \$1,111; John Worthington, painting, \$512.

ST. THOMAS, ONT.—Sand finish and granolithic walks, Silica Barytic Stone Co.; asphalt

(Continued on page 6.)

THE PHOENIX BRIDGE & IRON WORKS

Civil Engineers and Contractors
BLACKSMITHS AND MACHINISTS
STEEL AND IRON STRUCTURAL AND ARCHITECTURAL WORK
Beams, Channels, Angles and Tees always in stock. 29 to 49 McGill Street, P.O. Box 893. MONTREAL

Portland Cements...

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.
Sewer Pipes, Best English Cements. Best Belgian Cements.
Culvert Pipes, &c. W. McNALLY & CO., Montreal.

SEE THAT Your Specifications Call For

ST. LAWRENCE VALVES, HYDRANTS, STOP COCK BOXES, VALVE BOXES AND PIPE

Valves from 2" Upwards. Manholes, Covers, etc.
Pipe from 3" Upwards. Architectural Iron and Steel Work.

ST. LAWRENCE FOUNDRY CO. of TORONTO, Limited
TORONTO, CANADA

THE HAMILTON AND TORONTO SEWER PIPE CO. (LIMITED.)

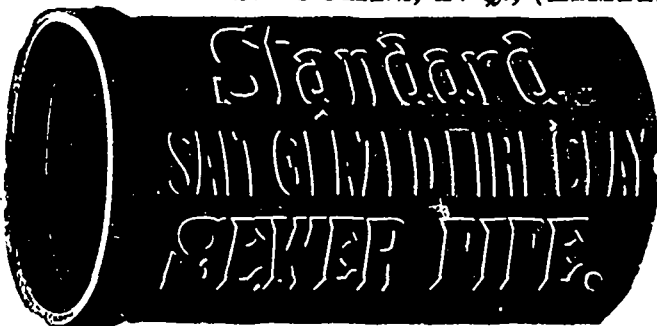


— FOR —
SEWERS,
CULVERTS
AND
WATER PIPES.
INVERTS
For Brick Sewers

Write for Discounts

HEAD OFFICE AND FACTORY: HAMILTON, CANADA

THE STANDARD DRAIN PIPE CO. OF ST. JOHNS, P. Q., (LIMITED)



Manufacturers of
Salt-Glazed
Vitrified
SEWER
PIPES

Double Strength
Railway Culvert Pipes,
Inverts, Vents,

AND ALL KINDS OF FIRE CLAY GOODS

DEBENTURES BOUGHT

Municipalities saved all possible trouble.

G. A. STIMSON & CO.

Investment Dealers

24 and 26 King St. W. TORONTO

ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY

CORPORATIONS Will do well to consider our work and prices before letting contracts

The Silica Barytic Stone Company of Ontario, Limited.

WALTER MILLS, General Manager.

Head office: INGERSOLL, ONT.

WATER WORKS

Municipalities contemplating the installation of Water Works Plants will do well to communicate with us, as we can offer several

Excellent Pumps in First-Class Condition, Low in Price, on Easy Terms, and Built for Water Works Service.

THE NORTHEY MFG. CO. (LIMITED)

King Street Subway,

TORONTO, ONT.

finish, P. L. Marden & Co.—Residence for Fred Johnson, second concession Yarmouth: Geo. Garrow and W. T. Mossop, contractors.

SARASIA, ONT.—Alterations to premises of Thomas Symington & Co.: Masonry, Simpson & McDonald; iron roof and plumbing, W. J. Barrie; painting and glazing, J. B. Watson; carpenter work, Bruce & Goodall. J. C. Robson, architect.

GUELPH, ONT.—Residence for John Cunningham, 40 x 25 feet, two storeys, Milton pressed brick, with stone foundation: Stone, brickwork and plastering, Shaw & Dunbar; carpentry, George Steven; tinsmithing, George Howard; painting not let.

DUNDAS, ONT.—School building in section No. 8, Barton Charles Mills, Hamilton, architect; F. L. Smith, masonry; Watson & Burkholder, carpentry; Hannaford Bros., plastering; John E. Kiddell, tinsmithing and slating; D. A. Dairon, Stewart & Milne, heating; James Franks, painting.

VANCOUVER, B. C.—Residence for G. R. Wilson, two storeys, 17 rooms. Stone work, excavating, etc., David Saul; carpenter work, Ironsides & Rennie; heating, Braden Bros.; painting, Mr. Whitaker; electric wiring, Ivan Bushong; plastering, D. A. Dairon. W. Blackmore is the architect.

RAT PORTAGE, ONT.—Construction of waterworks system: Pumping plant, John McDougall & Co., Montreal; pipes and specials, Cartshore-Thomson Pipe Foundry Co., Hamilton; hydrants and valves, St. Lawrence Foundry Co., Toronto; excavation, Cecretan & O'Boyle, Ottawa.

PERTH, ONT.—Alterations to St. Andrews church (Wm. Newlands, Kingston, architect) Mason work, G. S. Bradford, Almonte, \$3,900; carpenter work, W. J. Rabb, Perth, \$3,800; heating and galvanized iron work, W. J. McArthur, Almonte, \$774; painting and windows, Thos. Milo, Kingston, \$550. The building will be heated by three Imperial furnaces, manufactured by the James Smart Mfg. Co., Brockville.

MONTREAL, QUE.—Annex building for Grey Nuns on St. Mathien street (Joseph Venne, architect). Mason, excavation and drainage work, Martineau & Pronoveau; bricklaying, V. Decarie; carpentry, Urgel, Pauze & Pils; roofing and plumbing, Lessard & Harris; plastering, J. Fabien; steel work, Phoenix Bridge Co.—Altar and communion table for seminary of St. Therese (C. St. Jean, architect): A. Vincent, sculptor.—Catholic church at St. Barnabe (C. St. Jean, architect): Boileau Freres, contractor.—J. A. Lamarche has let contract for five houses on Nonnancourt street, from plans by Charles Chausse, architect.

TORONTO, ONT.—The Board of Control have accepted the following tenders: Pipe-laying, Thos. McQuillan & Co., \$1,627; concrete walk, east side Queen's Park crescent, 95 cents per lineal foot and Bloor street, south side, Sherbourne to Yonge, 69 cents, A. Gardner & Co.; brick sidewalks on Stewart, St. Patrick, Richmond and Teravley streets, J. McKnight, 64 cents per foot.—Storm sash for Isolation hospital: A. Lorgis & Son, \$336.—Pair residences on Bloor street for J. F. Eby (George W. Gouinlock, architect): Mason, brick and cut stone work, T. Cannon & Son; carpenter work, Morr & McCaul; plumbing and heating, John Ritchie; lath and plastering, George Rudlen; painting and glazing, F. E. Phillips, slate roof and galvanized iron work, W. D. Hutson & Son; cement floors, A. Gardner & Co.—Alterations to residence at 80 Amelia street (J. F. Brown, architect): Masonry, Fred Howell; carpentry, F. J. Bice; plastering, George Rudlen; painting and paper-hanging not let.—E. J. Lennox, architect, has let the contract for tuckpointing the municipal buildings to William Adams, at 21½ cents per yard.

A road improvement bill is now before the New York legislature. The bill is similar to the one already in force in New Jersey and some other states. It provides for road construction at the joint expense of state, county and town, the state paying 50%, the county 35% and the town 15%. This general plan has worked well in a number of states. It stimulates the demand for improved roads, both on account of the state aid given and because each stretch of such road is an object lesson of their value and of how they should be built.



LEGAL DECISIONS AFFECTING MUNICIPALITIES.

Mr. Justice Hall rendered the judgment of the Court of Appeal in the case of the city of Montreal vs. the Montreal Water and Power Company, which confirms the judgment of the Superior Court, and dismisses the appeal filed by the city. The case arose out of the contract of the former municipality of Cote St. Louis, now St. Denis Ward, with the city and company for the supply of water. In 1886 the municipality signed a contract with the city by which it was to receive a supply of water for five years at the rate of 40 cents per thousand gallons. In 1891 the company made a contract with Cote St. Louis to take over its existing system of water pipes and hydrants at a cost of \$28,000, and to construct a new and independent system of water supply, to be drawn from the rapids of the river at Sault au Recollet, said works to be commenced within six and completed within eighteen months. The company entered into their contract after the contract with the city had expired. The supply of water had, however, been continued, and payment for it had continued to be made at the same rate of 40 cents by Cote St. Louis, and the respondents availed themselves of the same supply, and continued for a time to pay for it at the same rate.

In December, 1893, the municipality of Cote St. Louis was amalgamated with the city of Montreal, the latter receiving the assets and assuming the liabilities of the former.

The company failed to supply water from Sault au Recollet, and they also discontinued paying to the city, though they still availed themselves of the water supply. The city protested them in January, 1895, and the following month took out an action for \$58,264 for the water supplied and not paid for up to that date, at the rate of 40 cents per 1,000 gallons, the price agreed upon with Cote St. Louis, and asking that the contract be declared null.

The company pleads among other things that the city of Montreal, standing in the rights, and liable for the obligations of Cote St. Louis, had not placed them en demeure, to fulfil said contract, and especially had not intimated their intention to take over the said plant or to establish its value by arbitration, as provided for in said contract, which was a precedent condition to any right of action. Moreover,

that until December, 1893, when plaintiff acquired the rights of Cote St. Louis, no lien de droit existed between them and said defendants; that any direct claims which plaintiff previously had against Cote St. Louis were extinguished by confusion; that at that date the term of the contract originally existing between plaintiff and Cote St. Louis for furnishing a supply of water at 40 cents per 1,000 gallons, had expired; that a claim for the water supplied to defendants since that date could only be based upon its actual value, which does not exceed 15 cents per 1,000 gallons, the actual rate at which plaintiff undertakes to supply it to all their resident taxpayers (among whom defendants are included), whenever the consumption of any such resident exceeds 10,000 gallons daily, and that said defendants have always been, and still are, ready to pay for said supply of water at that rate, amounting to \$22,368, for which a confession of judgment was offered.

The court held that the issue between the parties was limited to two questions: At what price are the defendants liable for the water used, and can their rights in the contract originally made with the town of Cote St. Louis be declared forfeited in the present suit?

The Superior Court held that no lien de droit exists between the plaintiff and defendants in connection with the contract originally made between the city of Montreal and the town of Cote St. Louis; that defendants are, therefore, liable not for the price of 40 cents per thousand gallons of water stipulated in that contract, but only for its actual proved value, which does not exceed the 15 cents per thousand gallons, for which defendants have offered a confession of judgment. Upon the other point the judgment a quo holds that defendants have not been sufficiently placed en demeure to justify plaintiffs in their conclusion, asking the cancellation of the contract originally executed between defendants and the town of Cote St. Louis. The action was, therefore, maintained for the amount of defendants' confession, \$22,368, and dismissed in so far as the other conclusions were concerned.

This was the judgment which was confirmed, the Court of Appeal holding among other things that the moment Montreal became amalgamated with Cote St. Louis the relation of debtor and creditor ceased between them. It also held that from all the circumstances of the case, the city was only entitled to recover 15 cents per 1,000 gallons, which was the actual proven value of the water, and judgment went accordingly.

John McDougall & Sons, of Montreal, having won their suit and recovered from the Windsor, Ont., water board the value of the work done by them on their contract for the filtering plant prior to their contract being rescinded by the new water board, the judgment of the high court is looked upon by them as a decision that the contract is still valid, although the citizens voted against it 6 to 1, and it is said to be their intention to go on with the work during the present season unless again stopped by legal proceedings.

BELLHOUSE, DILLON & CO., 30 St. Francois Xavier St., Montreal
Sole Agents for the Compagnie Generale des Asphaltes de Franco (Rock Asphalt).

PORTLAND CEMENT NORTH'S CONDOR

Paving and Fire Brick a Specialty

SITTING LION and WHITE CROSS Brands

NORTH'S "CONDOR" BRAND AWARDED FIRST PRIZE AND GOLD MEDAL AT THE ANTWERP EXHIBITION

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

ENGINEERS

WILLIS CHIPMAN

B. A. Sc. (McGill). Mem. Can. Soc. C. E. Mem. Am. Soc. C. E.; M. Am. W. W. Ass'n.

Civil and Sanitary Engineer TORONTO

WM. NEWMAN, C. E.

A. M. Can. Soc. C. E., M. Am. W. Wks. Assn. CITY ENGINEER OF WINDSOR.

Civil and Sanitary Engineer Waterworks, Sewerage, Drainage, Pavements, &c. Fleming Block - WINDSOR, ONT.

VAUGHAN M. ROBERTS

Civil and Sanitary Engineer Waterworks, Sewers, Electric Light, Electric Railways. Plans and Specifications prepared.—Work Superintended. 18 Ontario Street, ST. CATHARINES

Flush Your Sewers with

THE MILLER AUTOMATIC SYPHON (PATENTED)

Received HIGHEST AWARD at the World's Columbian Exposition for

- (1) SIMPLICITY OF CONSTRUCTION, (2) EFFECTIVENESS, (3) RELIABILITY

Write for Prices and Particulars. VICTOR HILL, General Agent. 301 Huron St., TORONTO.

SCORIA PAVING BLOCKS are the Best Paving Material yet discovered. All-Round

W. H. KNOWLTON & CO., Dealers in Contractors' Supplies, 36 King St. E., Toronto

Advertise in the CONTRACT RECORD.

E. A. WALLBERG, C.E.

BRIDGE ENGINEER

Bell Telephone Building, MONTREAL

Bridges, Buildings, Foundations Plans, Specifications, Superintendence and Expert Reports on existing structures

J. McDOUGALL, C. E.,

ENGINEER OF THE COUNTY OF YORK

GENERAL MUNICIPAL ENGINEER

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

DAVIS & VAN BUSKIRK

Graduates Royal Military College of Canada.

CIVIL ENGINEERS

SPECIALTY: Municipal Engineering, including Drainage, Sewerage, Sewage Disposal, Waterworks, Roadways and Bridges.

W. F. Van Buskirk, A. M. Can. Soc. C. E., Stratford. Wm. Mahlon Davis, M. Can. Soc. C. E., Woodstock.

Paving Granite

Granite Sets for Street Paving. — CURBING cut to any shape ordered. — Fine Rich Colors for Building and Monumental Purposes.

Quarries, St. Philippe d'Argenteuil, P. Q.

Address all communications to

JOS. BRUNET - COTE DES NEIGES, MONTREAL

MONTREAL PIPE FOUNDRY CO., Limited

Successors to DRUMMOND McCALL PIPE FOUNDRY CO., LGD.

Manufacturers of

CAST IRON WATER and GAS PIPES

and General Water and Gas Special Castings.

Prices on Application.

Offices, Canada Life Building, MONTREAL.

THE JENCKES MACHINE CO.

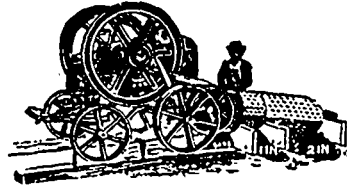
30 Lansdowne Street, SHERBROOKE, QUE.

Builders of

STONE AND ORE CRUSHERS and Macadamizing Machinery.

Complete Plants Planned and Erected.

Write us for Catalogue No. 5, relating to Crushing Machinery



THE THREE RIVERS IRONWORKS CO.

Montreal Office: IMPERIAL BUILDING.

THREE RIVERS, P. Q.

MANUFACTURERS OF

Cast Iron Water and Gas Pipes

of best quality, from 2 inches in diameter.

HYDRANTS, VALVES and GENERAL CASTINGS.

CAST IRON WATER PIPES

From 4 in. to 42 in. Diameter.

BELL AND SPIGOT • FLANGED, TURNED AND BORED AND EVERYTHING NECESSARY FOR

A Complete Water or Gas System

SUPPLIED BY The LONDONDERRY IRON CO., Limited

LONDONDERRY, NOVA SCOTIA

THE MOST COMPLETE IRON WORKS IN CANADA (ESTABLISHED 1852.)

Send for Drawings and Estimates of our work.

ALL PIPES CAST VERTICALLY

WE MAKE

- PIG IRON WATER PIPES BAR IRON PUDDLED BAR HYDRANTS, VALVES PIPE SPECIALS HEAVY CASTINGS IRON RAILS STRUCTURAL WORK MACHINE WORK CORPORATION SERVICE and VALVE BOXES

--- BRAND "SIEMENS" ---

ALEX. GARTSHORE, President. J. G. ALLAN, Secretary and Treasurer. JAS. THOMSON, Vice-President and General Manager.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO. LIMITED.

Manufacturers of:::

Flexible and Flange Pipe, Special Castings and all kinds of Waterworks Supplies.



3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON ONT.

Prices of Building Materials.

INDEX TO ADVERTISEMENTS
In the "Canadian Architect and Builder."

LUMBER.

YARD QUOTATIONS.

Toronto. Montreal.

Table listing lumber prices for various types of wood (cedar, hemlock, etc.) and their uses (flooring, shingles, etc.) with columns for Toronto and Montreal prices.

BRICK - M

Table listing brick prices for Common Walling, Good Facing, and Sewer.

SAND.

Table listing sand prices per load of 1 1/2 cubic yards.

STONE.

Table listing stone prices for various types (Common Rubble, Granite, etc.) and their uses (foundations, ashlar, etc.) with columns for Toronto and Montreal prices.

OHIO FREESTONE.

Table listing Ohio freestone prices for various dimensions and types.

CREDIT VALLEY STONE.

Table listing Credit Valley stone prices for various dimensions and types.

LONGFORD STONE.

Table listing Longford stone prices for various dimensions and types.

Large index table listing various building materials and services such as Architects, Cement, Interior Decoration, Roofers, Sanitary Appliances, etc., with columns for Toronto and Montreal prices.

Toronto. Montreal.

Table listing prices for Hydraulic Cements, Plaster, Hair, Plasterers, and Hardware.

Table listing prices for various types of Iron Pipe and Galvanized Iron.

Table listing prices for various types of CEMENT, LIME, etc., including Portland Cement and Superfine.