# Technical and Bibliographic Notes / Notes techniques et bibliographiques

may be bib of the imag	te has attenthe ble for film liographical less in the relation of the second se	ing, Fe ly uniqu product	atures of t ue, which tion, or wi	this cop may all nich ma	py whi iter an ay	ich Y			lu e: b re d	i a été xempl ibliog eprode	é possi aire q raphiq uite, o méthe	ible de ui sont jue, qu u qui	se pi t peu ii peu peuv	rocure t-être ivent i ent ex	lleur exc er. Les uniques modifie kiger und ilmage s	détails s du poi r une in e modif	de cet int de v nage ficatior	
	ured covers/ erture de co											ed pag						
1 1	rs damaged, erture endo		e								-	amage ndomr		es				
	rs restored a verture resta									1	-				minated elliculée			
1 1	r title missi tre de couve		nanque							` ^	_				ed or fo ées ou p			
	ured maps/ es géographi	ques en	couleur								_	letache létaché						
	ured ink (i.e e de couleu					)						nrough arence						
	ured plates ches et/ou il									1.7	•	of pri inégal			ression			
1 . / 1	nd with othe é avec d'aute											uous p tion co						
V alon	t binding m g interior m eliure serrée	argin/								·		es inde end ur			ex			
disto	orsion le lon	g de la i	marge inti	rieure								n head e de l'e						
with beer	k leaves add in the text. omitted fr	Whene om film	ver possib ing/	le, the	se have	e					•	age of e titre			son			
lors mais	peut que ce d'une restat , lorsque ce	ıration	apparaisse	nt dan	s le te	xte,				I	-	n of is: le dépa		la liv	raison			
pas	été filmées.									- 1	Masthe Généri		ériod	liques	) de la li	ivraison	1	
1 1	itional com imentaires s	•																
	is filmed at ent est filmi																	
10X	<del></del>	14X			18X			<del></del>	22X	1		· · · · · ·	26X		<del></del>	30	x	
	127		163				20.5				24X							
	12X		16X	•			20X				<b>24</b> A				28X			32 X

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. 11.

JULY 25, 1900

No. 25.

### THE CANADIAN CONTRACT RECORD,

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

Subscription price of "Canadian Architect and Builder" fincluding "Canadian Contract Record"], \$2 per annum, payable in advance

C. H. MORTIMER PUBLISHING COMPANY of Toronto, Limited, Publishers,

CONFEDERATION LIFE BUILDING, TOKONTO.
Telephone 2362.
Branch Office:
Imperial Building, Montreal,
Telephone Main 2299.

Advertising Rates on application.

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

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

### TENDERS

For the construction of Granolithic Sidewalk in the Town of Palmerston will be received up to 7 o'clock p.m. on SATURDAY, JULY THE 23711, 1900. Plans and specifications may be had by applying to S. CASWELL,
Town Clerk.

# TOWN OF PARIS

Tenders for the construction of about 35,000 square feet of Cement Sidewalks, including Street Crossings, will be received by the undersigned up to NOON, THE 611 DAY OF AUGUST. 1900. Copies of specifications upon application. No tender necessarily accepted. For further information apply to Wm. accepted. For f Fraser, Inspector.

Paris, July 21st, 1900.

THOS. McCOSH.
Town Clerk.

# **TENDERS**

# Waterworks Extension

Scaled tenders will be received by the Town Clerk until 6 p. m. on

Wednesday, August 8th, 1900,

Furnishing and Laying about 12,000 lineal feet of Cast Iron Water Pipe Barrie and Allandale, with accessories.

Plan and specifications may be seen at the Town Clerk's office, Barne, or at the office of the Chief Engineer, Toronto.
No tender necessarily accepted.

WILLIS CHIPMAN, C. E., Chief Engineer, 103 Bay Street, Toronto, Ont. E. DONNELL, Town Clerk, Barrie, Ont.

# TO CONTRACTORS

Tenders will be received by the undersigned till July 31 for the erection of Town Itall at Gravenhurst, Ont
Plans and specifications may be seen at my office, and at the office of J. Francis Brown, architect, Toronto.

J. A. C. GRANT, M.D., Gravenhurst.

Will be received for all trades up to July 30th, 1900, for the erection of a leather and glove factory on Eastern avenue for Messrs. A. R. Clarke Co., Limited. Plans and specifications can be seen at the office of

G. M. MILLER & CO., Architects.
59 Yonge street, Toronto.

The lowest or any tender not necessarily accepted.

# TENDERS

Will be received up to JULY THE 27111 from all trades for the erection and completion of a brick and stone building for the City Dairy Co., Lamited, Toronto. Apply at the offices of

G. M. MILLER & CO. Architects, 59 Yonge Street, Toronto.

## **Notice to Contractors**

Scaled tenders will be received by the undersigned until 4 o clock MONDAY, AUGUST 20111, for the construction of the

### CAMPBELL DRAIN

in the Township of Hibbert. Plans and specifications may be seen at the office of the Clerk. A deposit for the sum of 3 per cent. on the value of the work 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.

JAMES JORDAN, Clerk Township of Hibbert, Dublin P.O., Ont.

Clerk's Office, Dublin, July 18th, 1900.

Sealed Tenders, addressed to the undersigned and endorsed "Tender for Debentures," will be received up to 5 p. m.

## AUGUST 17TH, 1900,

at the Town Clerk's office, for the purchase of debentures of the Corporation of the Town of Meaford for a loan of \$56,000, bearing interest at 4½ percent, per annum, there being 30 debentures of \$3437.95 each, which sum includes interest) payable at Molson, lank, Meaford, on 30th December, 1000, and on same day ineach year of the twenty-nine next succeding years respectively. The debentures are issued under by-law No. 30-1809 of the said corporation, which is confirmed by Act of the Ontario Legislature. The purchase money for the debentures to be deposited to the credit of the said corporation in the Molson's Bank at either Toronto, Montreal or Meaford, at the purchaser's option, on the 13th day of September, 1900, when the debentures will be delivered.

The corporation does not bind itself to accept the highest or any tender.

The corporation do highest or any tender.

GEO. G. ALBERY, Town Clerk.

Clerk's Office, Meaford, Ont., July 18th, 1900.

# SEWERAGE WORKS

Sealed tenders, by registered post, endorsed "Tender for Sewerage Works," will be received by the undersigned until

### MONDAY, AUGUST 6TH, 1900,

inclusively, for the construction of about 2,000 lineal feet of iron and tile sewer. Plans and specifications may be seen at the office of R. E. Speakman, C. E., Canada Lie Building, Toronto, or at the office of the Town Clerk, Collingwood. The lowest or any tender not necessarily accepted,

DAN, WILSON, Chairman Board of Works, Collingwood, Ont.

July 20th, 1900.

### TOWN OF SMITH'S FALLS

TENDERS FOR

# Concrete Sidewalks

Sealed tenders will be received by the Town Clerk until 6 p.m. on

### MONDAY, JULY 30th, 1900,

for the construction of about \$1,950 square feet of Cement Concrete Sidewalk, as follows:
Tender "A," for 30,500 square feet, to be completed before October 31st 1900.
Tender "B, for 21,460 square feet, to be completed before June 30th, 1901.
Plans and specifications to be seen at the Town Clerk's office, Smith's Falls, or at the office of the Chief Engineer.
N. tender necessarily accepted
Deposit required, \$500, bond, \$1,000.

arily acception, \$200, bend, \$1,000

B. E. SPARHAM, Esq.,
Town Clerk,
Smith's Falls WILLIS CHIPMAN, C.E., Chief Engineer, 103 Bay Street, Toronto.

**CEMENT-CONGRETE** 

SIDEWALKS

# **TENDERS WANTED**

Sealed tenders, addressed to the Reeve of the Village of Lucknow, will be received up to 8 p. m.

## Wednesday, August 15th, 1900,

for the construction of some if soo square feet of cement-concrete sidewalks in said village.

Specifications may be seen at the office of James Bryan, Village Engineer, Lucknow, or at the office of the Village Clerk, Lucknow.

A marked cheque for five per cent of the amount of contract, payable to the order of the Village Treasurer, must accompany each tender, the same to be forefield if the party decline the contract or fall in the perform ance thereof, and will be returned in case of non-acceptance of tender.

The lowest or any tender not necessarily accepted.

W. J. TAYLOR, Reeve. HUGH MORRISON, Village Clerk.

Lucknow, July 18, 1900.

# TO CONTRACTORS

Tenders will be received by the undersigned up to NOON OF THE 28TH INST..

for the several works required in converting the build lng, corner Princess and Bagot streets, into banking premises for the Kingston branch of the Standard Bank of Canada, Lowest or any tender not necessarily accepted. Plans, specifications, etc., at the

POWER & SONS, Architects.

Merchante Bank Chambers, Kingston.

# **TENDERS**

Sealed tenders will be received by the undersigned until 7 30 p.m. TUESDAY, JULY 3157, for the construction of about 3,025 square feet of Granolithic Sidewalk for the City of Stratford, for Stone Abutments, including wings, approximately 100 yards. Plans and specifications can be seen at the Engineer's office.

Plans and specifications can be seen office.

Also tenders for a Steel Bridge, 14 foot roadway and 50 feet long, to carry a 15 inch Steel Sewer Pipe underneath, and a foot bridge 5 feet wide and 50 feet long to carry a 15 inch Steel Sewer Pipe underneath.

Tenderers may submit their own plans.

The lowest or any tender not necessarily accepted.

ANGUS SMITH,

ANGUS SMITH, City Engineer.

Stratford, July 17th, 1000.



SEALED TENDERS, addressed to the undersigned and endorsed as follows. — 'Alterations of and additions to Newspaper Sorting Room, also Elevator Tower. Union Station, Toronto, will be received at this office until TUESDAY, THE THIRTY-FIRST JULY, instant.

Plans can be seen and a form of tender and all necessary information obtained at this Department and at the office of S. G. Curry Esq., architect, Toronto, Ont.

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

Each tender must be accompanied by an accepted bank check, made payable to the order of the Honourable the Minister of Public Works, equal to ten per cent. (10 p.c.) of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the check will be returned.

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

By order,

JOS, R. ROY,

By order,
JOS. R. ROY,
Acting Secretary.

Department of Public Works, Ottawa, July 20th, 1900.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.



SEALED TENDERS, addressed to the under-signed, and endorsed "Tender for Dredging, Sarnia, Ont.," will be received at this office until

### Tuesday, the 24th In t., 1900.

inclusively, for Dredging in the Harbour of Sarma, Ont., according to a plan and combined specification and form of tender to be seen at the office of H. A. Gray, Esq., Engineer in charge Harbour and River Works for Ontario, Confederation Life Building, Toronto; on application to the Postmaster at Sarma, Ont.; on application to the Postmaster at Chatham, Ont., and at the Department of Public Works, Ortawa.

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

Each tender must be accompanied by an accepted bank cheque made payable to the order of the Honourable the Minister of Public Works, for two thousand (\$2,000.) dollars, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for If the tender be not accepted the cheque will be returned.

The Department does not hind weef a contract.

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

By order,
JOS. R. ROY,
Acting Secretary.

Department of Public Works, Ottawa, 10th July, 1900.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.

# TENDERS

Will be received up to SATURDAY, JULY 28711, 1900, for the construction of about 9,000 square feet of granolithic walks. Specifications and forms of tender can be had on application from the town clerk. The lowest or any tender not necessarily accepted

THOS. MORRIS, Town Clerk.

Oshawa, July 16th, 1900.

# BRIDGE

Separate tenders, addressed to the undersigned or to Mr. 7. Hampton, Mount Forest, will be received up till ten oclock a.m. on WEDNESDAY, AUGUST 1877, 1900, for the building of Masonry Abutments and Steel Superstructure of a bridge on the town line between Wellington and Grey Counties, about two miles west of Mount Forest, and known as "Scott's Bridge," and will be opened in that town at a o'clock p.m. on that day.

will be opened in that town at a o'clock p.m. on that day.

The plan and specifications for the masonry may be seen by applying to any of the following commissioners, viz: R. Bride, Newbridge P.O.; J. Hampton, Mount Forest; James Allan, Varney P.O.; Andrew Shenk, Ayton, or to John Rutherford, County Clerk, Owen Sound.

A deposit, in the form of a marked cheque, for 5 per cent, of the amount of tender, must accompany each bid.

The lowest or any tender not necessarily accepted.

JAMES HUTCHEON, Engineer, Guelph, Ont.

# Town of Arnprior

# DEBENTURES FOR SALE

\$75,000

Sealed tenders will be received by the undersigned, and marked "Tender for Debentures," up to 8 o'clock p.m., THURSDAY, AUGUST 2ND, 1920, for the purchase of Debentures to the amount of \$75,000.

The said debentures are payable in thirty years from the fourth day of September, 1920, and bear interest at the rate of four per cent. per annum, payable yearly. The money to be payable in Amprior free of charge to the Town.

The highest or any tender not necessarily accepted.

W. M. HOWE, Mayor, Town of Amprior, Ontario, Canada.

Mayor's Office, Amprior, July 13th, 1900.



# TRENT GANAL

### SIMCOE-BALSAM LAKE DIVISION

NOTICE TO CONTRACTORS.

Sealed tenders, addressed to the undersigned, and endorsed "Tender for Trent Canal, will be received at this effice until noon FRIDAY, 24TH AUGUST, 1900, for the construction of about thirteen miles of Canal between Kirkfield and Lake Simooe, which will be divided into two sections.

Plans, specifications of the work and forms of contract can be seen at the office of the Chief Engineer of the Department of Railways and Canals, at Ottawa, or at the Superintending Engineer's Office, Peterboro, where forms of tender can be obtained on and after Tuesday, 24th July, 19 0.

In the case of firms there must be attached the actual signatures of the full name, the nature of the occupation and place of residence of each member of the same, and, further, an accepted bank cheque or the same of Sizooo must accompany the tender for each section, these accepted cheques must be endorsed over to the Minister of Railways and Canals, and will be forfeited if the parties tendering decline entering into contract for work at the rates and terms stated in the offer submitted. The accepted cheques thus sent in will be returned to the respective parties whose tenders are not accepted.

The lowest or any tender not necessarily accepted.

re not accepted.

The lowest or any tender not necessarily accepted.

By order, L. K. JONES. Secretary.

Department of Railways and Canals, Ottawa, July 16th, 1900. Newspapers inserting this advertisement without authority from the Department will not be paid for it.

### TOWN OF WALKERVILLE

# TENDERS,

Enclosed in a scaled envelope, accompanied by specifications, addressed to undersigned and marked "Tenders for Sidewalks," will be received by the Corporation of the Town of Walkerville until noon on TUESDAY, THE 12xT DAY OF JULY, 1500, for constructing about 28,028 square feet, more or less, of Granolithic Sidewalk on Second Street, Third Street, Fourth Street, Susan Avenue, Sandwich Street, and Lincoln Avenue, in the Town of Walkerville.

The work to be completed on or before the 30th day of September, 1900.

A satisfactory guarantee required for the perfect condition of the walks for a fixed period.

An accepted cheque for 10% of the contract price, payable to the order of the Treasurer of the Town of Walkerville, must accompany each tender, as a guarantee for the fulfilment of contract, otherwise tender will not be accepted.

This cheque will be returned in case of non-acceptance of tender.

CECIL H. ROBINSON,

CECIL H. ROBINSON, Town Clerk,

Walkerville, 13th July, 19:0.



Sealed Tenders, addressed to the undersigned, and endorsed "Tender for Post Office, etc., at Sarnia, Ont.," will be received at his office until

## FRIDAY, 3RD AUGUST, 1900,

inclusively, for the erection of a building for Post Office, etc., at Sarnia, Ont., according to plans and specification to be seen on application to Mr. John II. Watson, Front St., Sarnia, and at the Department of Public Works, Ottawa.

Persons tendering are notified that tenders will not be c nsidered unless made on the form supplied and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque made payable to the order of the Honourable the Minister of Public Works, equal to ten per cent. (10 p. c.) of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fails to complete the work contracted for. If the tender be not accepted the cheque will be returned.

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

By order,

By order, JOS. R. ROY, Acting Secretary.

Department of Public Works, Soutawa, 13th July, 1900.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.



# **Notice to Contractors**

Separate tenders, addressed to the undersigned, will be received by registered letter up to noon on

Wednesday, August 1st, 1900,

for the following:

r. Addition to the Boiler House at Toronto Jail.

Brection and Completion of new 70 horse-power Boilerat Toronto Jail.

Contractors tendering for the above may submit a

case.

Plars and specifications may be seen and forms of tender and all necessary information obtained at the office of of the City Commissioner, City Hall, Toronto. Tenders must be accompanied by a marked cheque, payable to the order of the City Treasurer, or a cash deposit equal to 2½ per cent. of the total amount of the contract, and the same will be forfeited to the city in the event of the person whose tender is accepted failing to execute the necessary contract or give satisfactory sureties for the due fulfilment of the same.

Tenders must bear the bona fide signatures of the contractor and his sureties.

The deposits of unsuccessful tenderers will be returned.

The lowest or any tender not necessarily accepted.

E. A. MACDONALD (Mayor),

E. A. MACDONALD (Mayor), Chairman Board of Control.

City Hall, Toronto, July 18th, 1900.

### CONTRACTS OPEN.

PILOT MOUND, MAN.—D. B. Graham will erect a brick block.

PORT DOVER, ONT.—E. B. Varey is preparing to erect a cottage.

EGINVILLE, ONT.—Daniel Lacey has commenced a new residence.

PALMERSTON, ONT .- Tenders are invited by the town for cement walks.

RENFREW, ONT.—Plans will be pro-cured at once for a Methodist parsonage. BRYSON, QUE .- The Upper Ottawa

Improvement Co. will erect new buildings here.

HAWKESBURY, ONT .- A by-law to raise \$15,000 for repairs to streets and side-walks was defeated recently.

WOODSTOCK, ONL.—The site for the new reformatory in this county has not

yet been chosen.

BELLEVILLE, ONT .- Geo. A. Bennett invites tenders up to 20th inst. for repairs to school premises.

ETHEL, ONT .- Grey township council has decided to build an iron bridge over the Beauchamp creek.

THOMAS, ONT.—The ratepayers will vote on a by-law to raise \$3,500 for

hospital improvements.

SIMCOE, ONT.— Trustees of school section No. 13 will borrow \$2,000 to build an addition to their school.

NESLON, B.C.--By-laws voting \$76,000 for improvements were carried by the ratepayers on the 18th inst.

WALKERTON, ONT .- The council has given notice of its intention to construct a number of granolithic sidewalks.

PARRY SOUND, ONT .- Henry Simpson, architect, Toronto, is preparing plans for a new school house to be built here.

EAST TORONTO, ONT.—The citizens will vote on a by-law on Monday next to raise \$7,000 for an electric light plant.

CARLETON PLACE, ONT.—Rev. Father O'Rourke has secured large subscriptions towards the erection of an R. C. church.

SMITH'S FALLS, ONT.—The School Board has asked the council for a grant of \$5,000 for enlarging the Central school.

CORNWALL, ONT.—Tenders for grano-lithic walks on public school grounds are asked by D. Monroe up to 7 p. m. of 26th inst.

WATFORD, ONT .- John McCormick, Reeve, asks tenders up to 30th inst. for building a bridge on concession 2, Warwick.

BARRIE, ONT.—A by-law to raise \$10,000 for water works extension will be submitted to the ratepayers on August

ALMONTE, ONT.—A by-law will be introduced in council to raise money to purchase and install a civic electric light

PORT HOOD, N. S.—R. G. McLellan, clerk of Inverness municipality, invites bids up to September 1st for a loan of

INGERSOLL, ONT .- G. E. Roger intends starting an iron and brass bedstead manufactory, and will erect a building for the

MORRIS, MAN.—J.M. Hackney, secre-tary-treasurer, invites bids up to August 3rd for purchase of twenty debentures of \$1,000 each.

PORTAGE LA PRAIRIE, MAN.—The Northern Pacific Railway Co. will likely postpone the erection of their depot until next year.

WELIAND, ONT.—The Hamilton & Lake Erie Power Co. have commenced work on the Hamilton and Lake Erie power project.

WOODSTOCK, N. B.—J. C. Hartly invites bids up to 21st inst. for constructing on aqueduct for supplying water to the court house.

RIDGETOWN, ONT.—Howard township council has instructed A. Smith, C. E., to make a survey for improving and extending the Crouch drain.

GORDON BAY, ONT.-Prof. A. F. Sinclair, of Toronto, has purchased an island in Portage lake and intends building a summer cottage on it.

MEAFORD, ONT.—The corporation in-

vites bids up to August 17th for purchase of \$56,000 town debentures. Address,

Geo. Albery, town clerk.
GUELPH, ONT.—L.C. Wideman, architect, invites bids up to July 26th for new building for the Raymond Manufacturing Co.; separate tenders for cut stone.

WATERLOO, ONT .- A by-law to bonus the Port Dover, Brantford, Berlin and Goderich railway to the extent of \$9,000 was carried here on Monday last.

FENWICK, ONT.—Tenders for rebuilding barn and removing shed in connection with Methodist church are invited by Rev. Geo. E. Honey up to August 10th.

CHATHAM, N. B.—It is expected that steps will be taken almost immediately to erect another pulp mill at this place. Thos. Allison will probably be the expert.

QU'APPELLE STATION, N. W. T .- The trustees of Inglewood school district offer for sale \$1,200 school debentures. Tenders close August 1st. Address C. G. Bul-

HEIDELBURG, ONT .- The Evangelical Lutheran church is to be heated by two hot air furnaces. Tenders for supplying same are invited by C. S. Smith up to August 8th.

KEMPTVILLE, ONT.—\$3,000 has been grant by the Government for the building of a bridge over the river at Clothiers' wharf, and the remaining \$1,400 will be given by the town.

KINGSTON, ONT.—Power & Son, architects, want tenders by 30th inst. for converting building corner Princess and Baggot streets into bank offices for the Standard Bank of Canada.

St. MARY'S ONT.—The St. Mary's Natural Gas, Oil, Mineral & Development Co. has requested West Nissouri council to grant them a franchise to lay gas pipes across the township.

BROCKVILLE, ONT. - Thos. Tompkins is about to commence the erection of a large hotel, cost about \$40,000, plans for which have been prepared by Edward Maxwell, architect, of Montreal.

NIAGARA FALLS, ONT .- Chas. Mitchell, C. E., has reported to council that it will cost 50,000 to pave Bridge street. Mr. Mitchell has also made a survey for a proposed electric railway from Slater's Point to Fort Erie.

LONDON, ONT.—The Grand Trunk will make improvements in their yards and station and double track their line for a distance west of the city.—The Bell Telephone Co. will erect a storage building on Park avenue.

PERTH, ONT .- The Canadian Electric and Water Power Co., Limited, of this town have purchased a water power at Glen Tay, three miles distant on the Tay river, where they intend to install an auxiliary electric plant.

GRAND FORKS, B.C.—J. F. Graves, of the Granby smelter, has submitted a proposition to assume control of the waterworks and electric light plant. Mr. Graves offers to expend \$30,000 in improvements to the systems.

BERLIN, ONT .- The building committee of the German Baptist church has decided upon a plan of proposed additions and alterations to their church. The addition alterations to their church. will be of brick, cost about \$5,000.—Plans will be prepared immendiately.

BARRIE, ONT.—The corporation is asking tenders up to August 8th for furnishing and laying 12,000 lineal feet of cast iron water pipe. Plans at clerk's office and on application to Willis Chipman, chief engineer, Toronto.

STONEY CREEK, ONT .- Building operations are about to commence here on a canning and evaporating factory.— The ratepayers will vote on a by-law on

August 13th to raise \$4,000 for the purchase of a site and the erection of a town

VANCOUVER, B. C .- Architects will immediately prepare plans for new school buildings.—W. T Dalton, architect, has invited tenders for addition to Fairview school.—Tenders closed on the 19th inst. for the Baech avenue sewers.
CHATHAM, ONT.—Tenders close Fri-

day, 27th inst., for alterations and additions to the Salvation Army barracks.— J. L. Wilson & Sons, architects, are pre-paring plans for remodelling Dr. Rutherford's residence on Wellington street.

HINTONBURG, ONT .- Raphael d'Alarie intends building a residence.—Plans have been prepared for the bridge over the car tracks across the Richmond road, and an effort will be made by the council to have the work commenced in the near future.

SYDNEY, C.B.-Tenders close August 4th for the erection of brick and stone school building. Address D. J. McLeoc.

—Canadian capitalists contemplate building a \$75,000 summer hotel here.—The Imperial Oil Co. will build a petroleum tank here.

PARRSBORO, N. S.—The Department of Marine and Fisheries at Halifax invites tenders up to 30th inst. for removal of part of breakwater at Parrsboro, for construction of new work, and for supply of material, including hemlock timber, stone ballast, etc.

PICTON, ONT .- The Department of Public Works at Ottawa desires tenders by August 3rd for erection of building for post office, customs and inland revenue offices at this place. Plans at above department, and at office of H. Gilbert, barrister, this town.

BRANTFORD, ONT.— Tenders will shortly be asked for alterations to the waterworks pumping station.—The sum of \$10,000 will be spent in renovating the interior of Zion Presbyterian church and in putting in a new organ. Rev. W.A.J. Martin is pistor.—The city desires tenders by noon of 26th inst. for supply of 70 cords of rubble stone and 25 cords of rough quarry or field stone.

HAMILTON, ONT. -E. B. Patterson has taken out a permit for addition to Catartaken out a permit for addition to Cataract Power Co.'s building on Victoria avenue north, cost\$2,500.-T.Beasley, city clerk, wants tenders by noon to day (Wednesday) for constructing a pipe sewer on Elgin street.—F. J. Rastrick & Son have taken out a building permit for brick stable on market street, for J. H. Robinson & Co., cost \$1,000. son & Co., cost \$1,000.

ST. CATHARINES, ONT .- Tenders for improvements to Knox church are invited y W. B. Allen, architect, up to 23rd inst. By-laws were carried here last week granting a bonus of \$4,000 a year for fifteen years to the Welland Vale Manufacturing Co., and fixing the assessment of the Kinleith Paper Co. at \$21,000. The by-law to provide \$23,000 for a new Collegiate Institute was defeated.—The Welland Vale Manufacturing Co. invite tenders for supply of quantity of pine, oak and cedar timber and lumber.

HULL, QUE.-The city engineer has recommended the construction of fifty new sidewalks, 14 to be of granolithic and

### GENTRAL LOAN AND SAVINGS **CANADA** COMPANY

Cor. King and Victoria Sts, TORONTO

Highest Market Prices

# Municipal Debentures

F. W. BAILLIE

E. R. WOOD Managing-Director

to cost \$14,231, and the others to be of wood, to cost \$9,700.—The sum of \$30,164 is asked for 3-inch sewers on Main, Inkerman and Bridge streets.—The School Board will buy 2,400 feet of slate for blackboards.—It is understood that plans are being prepared for wharf to be built here, for which \$10,000 was voted by parliament.—The corporation will probably borrow \$100,000 to carry out needed improvements. needed improvements.

BRACEBRIDGE, ONT .- The two by-laws for raising \$27,600, by debentures, for the purpose of extending the present power, putting in new water wheels and dynamo, etc., were voted on yesterday, and as expected carried by an overwhelming majority—72 for and 5 against. It is the intention to immediately engage an engineer and proceed with work at the earliest possible moment. The work will probably be divided into four contracts, one covering all excavating and rock work, another the masonry (dam and power house), one for the flume (steel), and water wheels, and a fourth for electrical machinery. It is to be hoped that the present council will be able to complete the work before expiration of their term of office

ST. JOHN, N. B.—The New Brunswick Telephone Co. will reconstruct their exchange in this city and put in new apparatus, at a cost of about \$100,000.—The county council is considering the heating and sanitary arrangements of the court house. Tenders will likely be called for the work immediately.—Tenders for plumbing and heating apparatus required at the court house are asked up to 30th inst. Plans at office of G. E. Fairweather, architect.—Hon. C. H. Labilois, acting commissioner of public works, is calling for tenders for masonry substructure and approaches for the St. Louis bridge, Kent county; for rebuilding Wright Brook bridge, Restigouche county; for repairing McRain's bridge. York county; repairing McBain's bridge, York county; repairing Murray's bridge, York county; repairing North Fork's bridge, York county; rebuilding Long's Creek bridge, Queen's county; repairing Hay's Mill bridge, York; and rebuilding Killey bridge, York county.

WINNIPEG, MAN.— The following works have been recommended for construction: Block pavement on Arthur street, cost \$7.420: papelithin with the construction of the cons street, cost \$7,420; granolithic walk on portion of Main street, cost \$4,370; and on portion of Portage avenue, cost \$4,370; and on portion of Portage avenue, cost \$5,000; asphalt pavement on Cumberland avenue, cost \$9,300; on Kennedy street, cost \$6,530: on Lily street, cost \$9,730, and on Notre Dame avenue, cost \$37,975.—J. Greenfield, architect, has just completed by the complete of the characters of the complete of the characters of the character the plans for a brick residence on Notre Dame avenue west, for Mr. T. H. Maxwell .- J. H. G. Russell, architect, is this week taking tenders for erection of Pres-byterian manse at Oakland.—H. S. Griffith, architect, has prepared plans and is taking tenders on greenhouses and tool sheds at Notre Dame park.—The provincial government will build an addition to the Deaf and Dumb Institute the tion to the Deaf and Dumb Institute this year.

OTTAWA, ONT—The Ottawa Street Railway Co. will shortly commence work on their new car shed.—The city will be compelled, at an early date, to enlarge the sewers on Sparks and Queen streets.—The Cole Butter & Cheese Co. has been organized here, capital \$300,000, to manufacture butter and cheese. The intention is to equip a plant with the most improved machinery. E. W. Clark and Walter Cole are interested.—Building Walter Cole are interested.—Building permits have been granted as follows: Wm. R. Nichol, two brick veneered buildings on Division street, cost \$12,000; L. Gration, brick dwelling on Division street, cost \$1,200; E. A. Johnston, brick store and dwelling on Eccles street, cost \$2,500; A. W. Fraser, residence on Gilmour street, cost \$5,000; T. M. Woodburn, residence

on Daly avenue, cost \$3,000; Victoria Foundry Co., building on Sherwood and Bridge streets, cost \$15,000; W. T. Leclair, brick veneered house on Bridge street, cost \$20,000.—The question of purchasing another fire engine is still under consideration by the council.—C. R. Cunningham has decided to build a brick house on McLaren street.—Chas. Hillman has purchased property, corner Bank and Wellington streets, and purposes conand Wellington streets, and purposes converting it into an hotel.—The selection of a site for the Erskine Presbyterian church has been laid over until the regular meetnas been laid over until the regular meeting of the Presbytery in August.—The Ottawa Electric Co. are letting contracts this week for their arc lighting station.—Larose & Perrault, architects, have submitted to the Public School Board plans for rebuilding the St. Roch's and St. Rosalia schools.

MONTREAL, QUE.—It is said that Sir Wm. Van Horne will build a lodge on the property which he recently purchased in Newfoundland.-The Sisters of Providence have purchased a block of land on the corner of Ontario, Aylwin and Cuvilier streets, Hochelaga ward, and intend building a large school. Plans are now being prepared.—The Grand Trunk Railway Co. will likely do away with level crossings between Bonaventure station and St. This will necessitate the con-Henri. struction of several bridges.—Mr. de Carritte has made application to the council for a site for a modern abattoir.

The following building permits have

been granted:—Two houses on Beaudry street, for N. Casgrain, cost \$3,500; our houses on Demontigny street, for C. A. Prevost, cost \$4,800; one house on Congregation street, for F. J. Thomas, cost \$2,000; alterations to building on St. Catherine street for P. Massicotte & Co., cost \$1,200; one store on St. Catherine street, for F. J. Hart, cost \$15,000, W. E. Doran, architect; alterations to building, corner of St. Catherine and Stanley streets, cost \$1,500.—The members of the

### DEBENTURES BOUGHT

Municipalities saved all possible trouble by applying to

G. A. STIMSON & CO.

Investment Dealers 24 and 25 King St. W. TORONTO

> Cements ENGLISH and BELGIAN

Whiting **Plaster** Firebricks Fire Clay

## J. WATTERSON & CO.

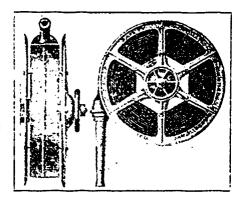
49 Common Street, MONTREAL

# THE CADWELL SILEX STONE CO'Y SILEX STONE WALKS CURBINGS A SPECIALTY

TO CORPORATIONS.—Our to years' experience in Building Walks and Grading enables us to save the expense of an englacer in small towns where one is not regularly employed.

C. W. CADWELL, Manager WINDSOR, ONT.

# SAFETY AUTOMATIC REEL



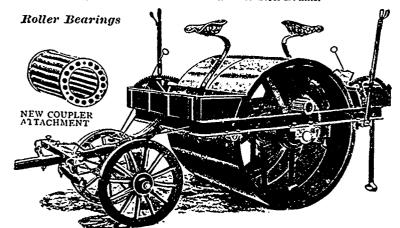
Unreeling hose opens valve; water received in ten seconds. For Public Buildings and Warehouses, standard of the U.S. Government.

# F. E. CAME, MFR.

17 Place d'Armes Hill, MONTREAL.

### *MAKING MACHINERY* Our New Design ... "CHAMPION" HORSE ROAD ROLLER

Furnished with either Cast Iron or Steel Drums.



With Roller Bearings and New Patent Coupler Attachment, either 2½, 3½, 4½ or 5½ tons. All one size frame, drum, and width of tread and can be extra weighed 2 tons each. Address for Catalogue

GOOD ROADS MACHINERY CO., John Challen, Mgr. NAMILTON, ONT

### MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

Baron de Hirsch Institute and Hebrew Benevolent Society have purchased property on the west side of Bleury street, north of Untario, and purpose erecting a new school building in the front part and new a noor building in the front part and a home for immigrants in the rear. Plans for the buildings will be prepared at once.

--The following building permits have been issura: Building on St. Patrick street, for Mallette & Freres, cost \$600; building corner Hospital and St. Francis Navier streets, for C. P. R., cos. \$130,000 (Hutchison & Wood, architects); store on 51. Paul street for James Coristine, cost \$2,300 (Wm. Perin, architect).

TORONTO, ONT.—The city invites tenders up to August 1st for addition to boiler house at Toronto jail and for erection at same place of a 70 h. p. boiler. The city has given notice of its intention to construct an asphalt pavement on Spadina Crescent, to cost \$16,870, and cedar block pavements on portions of Tecumseth street, cost \$6,030, Margueretta street, cost \$7,660, and Manning avenue, cost \$4,830, also a number of cement concrete 54,830, also a number of cement concrete sidewalks.—Plans of the town hall to be built at Gravenhurst, Ont., are on view at the office of J. Francis Brown, architect, Board of Trade Building, this city.—G. M. Miller & Co., architects, 59 Yonge street, want tenders by 27th inst. from all trades for erection of a brick and stone building for the City Dairy Co. Limited building for the City Dairy Co., Limited, and until the 30th inst. for erection of leather and glove factory on Eastern avenue for the A. R. Clarke Co., Limited. Tenders for stone work, plastering and taking out cellars are wanted at Room 24, Manning Arcade.—Henry Ives Cobb, the architect for the proposed palace street, arrived in the city hotel on King (Continued on page 6.)

# ATER Vorks PUMPING ACHINERY

We are prepared to equip Municipal or other Water-Works Plants with Pumping Machinery of the latest and most approved designs. We are the largest manufacturers of Steam and Power Pumps in Canada; they are built in all sizes and capacities, and can be implicitly relied upon wherever used. Several excellent second hand pumps in first class condition for water works service on hand at close prices.

SEND FOR CATALOGUE.

# ' MFG, CO.

1015 Ring Street, Schway, TORONTO, CAN.

OFFICE: Molson's Bank Building, Vancouver, B. C.

Tel. 646. P. O Box 326.

# AND CEMENT

High Grade PORTLAND CEMENT, for Concrete Work of all descriptions, Heavy Massary, Sidewalks, Fir EXCLUSIVELY used by the CANAIHAN PACIFIC R VI WAY CO. on all their works in British Columbia, also by the DOMINION GOVERNMENT, the MUNICIPAL AUTHORITIES of VANCOUVER and VICTORIA, and by all the leading Contractors in BRITISH COLUMBIA

Manufactured by-

### THE BRITISH COLUMBIA PORTLAND CEMENT CO.

Prices and Circulars on application.

VANCOUVER, B. C.

### Engineering Contract Company

Main Office:

Canadian Office:

EMPIRE BUILDING, 71 BROADWAY, NEW YORK
HENRY F. DUCK, MANAGER FOR CANADA.

CANADA.

BRIDGE SUB-STRUCTURES, WATER POWER DAMS, CANAL WORK and CAISSON FOUNDATIONS a Specialty.

### PORTLAND CEMENT

Samson Brand

**Magnet Brand** MADE AT SHALLOW LAKE, ONTARIO

Our celebrated SAMSON BRAND has been before the public for many years, and has made hosts of friends among Contractors and Municipal Corporations until it has become one of the leading Cements on the market to-day, being excelled by none This year we have decided to place the MAGNE1 on the market, and respectfully ask consumers to give it a trial. It will, we think, do its own advertising. Correspondence invited. . .

GEO. S. KILBOURN, Secretary-Treasurer.

WORKS: Shallow Lake, Ont. HEAD OFFICE: Owen Sound, Ont.

MONTREAL

Importers of

SEWER PIPES.

CHIMNEY TOPS, VENT LININGS.

FLUE COVERS.

FIRE BRICKS, FIRE CLAY,

WHITING.

PORTLAND CEMENTS. HIGH GRADE ENGLISH

> B. S. & Co. "ANCHOR. ALSO OTHER BRANDS,

> > PLASTER OF PARIS, BORAX.

> > > CHINA CLAY.

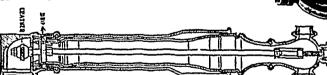
# The KERR ENGINE COMPANY, Limited

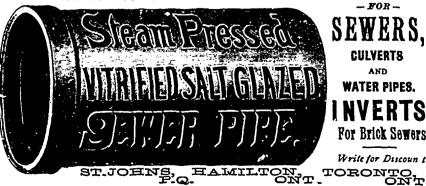
PUMPING MACHINERY. HYDRANTS and VALVES

Are our Specialties.

Don't fail to write us for Catalogue and Prices.

WALKERVILLE, ONTARIO





- FOR -

**CULVERTS** 

AND

WATER PIPES. INVERT

For Brick Sewers

Write for Discount

on Monday last. To-day the ratepayers are voting on money by-laws aggregating \$116,120, the funds to be expended for the following purposes: \$6,900 to defray balance of the cost of Queen street subway; \$5,000 for filling in ravine at Shaw street bridges; \$6,000 for stables for Street Commissioner's department; \$40,ooo for permanent fittings and furniture for city hall and to provide fire protection for said building; \$10,800 for storm overflow sewers on Queen street and Ossington avenue; \$36,420 for the following waterworks improvements:—Concreting Rosehill reservoir, \$30,000; 16-inch steel pipe across Don at Queen street east, \$1,800; 22-inch steel pipe across Don at Eastern avenue, \$1,200; 12-inch main on Colborne street, \$2,085; 12-inch main on Queen street, Bathurst to Niagara street, \$3,545; 12-inch main on King street, Close to Jameson avenue, \$800.—Build-ing permits have been granted as follows: J. B. Milligan, alterations to dwellings 71 and 73 John street, cost \$1,800, D. Richards, architect; School Board, additions and alterations to Winchester school, cost \$26,000, also addition to David street school, cost \$11,000; B.J. Judge, 4 attached 2-story rough-cast, brick fronted dwellings, Taylor street, cost \$1,500; Emma Edward, 2-story and attic brick dwellings, 410-412 Manning avenue, cost \$3,800, H. Simpson, architect.

### FIRES.

Premises of the Toronto Plate Glass & Importing Company, 135 and 137 Victoria street, Toronto, damaged to the extent of street, Toronto, damaged to the extent of \$35,000. The property is owned by the Canada Permanent and Western Loan & Mortgage Company.—Kemptville Lumber Mills at Kemptville, N.S., totally destroyed; loss \$70,000.—Factory of F. M. Pilgrim at Brockville, Ont. Building was owned by Newton Cossitt, sr.—Residence of Mrs. Grace Elliott at Ridgetown Ont.—Factory and plant of Ridgetown, Ont.—Factory and plant of the Lorette cheese factory at Lorette, Man.; loss \$4,000.—Planing mill and sash Man.; loss \$4,000.—Planing mill and sash and door factory of Bowman Bros. near Waterloo, Ont., totally destroyed: loss \$2,000, no insurance.—Brydon rink, at Winnipeg, burned on 22nd inst.; loss \$7,000.—Residence of Mrs. Counsell at Hamilton, Ont.; loss \$4,000.

### CONTRACTS AWARDED.

GLENCOE, UNT .- Cement walks: Caldwell Silex Stone Co., of Windsor, successful tenderers

THREE RIVERS, QUE.—L. H. Gaudry, Quebec, agent for the American Bridge Co., of New York, has obtained for this company the contract for an iron bridge over the St. Maurice river at this place.

LINDSAY, ONT.—Annual corporation supplies: Brick, W. Hancock, \$5.75 per thousand; castings, Burrows, Stewart & Milne, Hamilton, \$2.20 per hundred pounds; sand, W. Hancock, 95 cents per cubic yard; water lime, Dow Bros., \$1 per barrel.

KINGSTON, ONT .- For city hotel here Power & Son, architects, have accepted tenders as follows: Masonry, etc., W. McCartney; carpentry and joinery, Geo. Hunter; heating, plumbing and metal work, Elliott Bros.; painting and glazing, etc., A. McMahon. GODERICH, ONT.-

-The council last week opened tenders for granolithic walks and divided the work between Chas. Reid, Jamieson Reid, and Walter Sharman, of this town, and P. L. Marden & Co., of London, at 93% cents per square

foot for walks and 13 cents for crossings.
COBOURG, ONT.—Power & Son, archiccts, have accepted tenders as follows for enlargement and remodelling of Division street Methodist church: Carpenter work, Henderson Bros.; masonry, Jakes & Co.; plastering, Mr. Bond; metal work and heating, Mr. Whitelaw; painting, Dill & Throop.

WINNIPEG, MAN .- The contract to supply three street sprinklers has been let to the Boyce Carriage Co., at \$6,60.—Kelly Bros., of this city, have secured contract from the Dominion government for the improvements to St. Andrew's rapids, near this city. The work will cost about \$1,000,000.

MILVERTON, ONT. — The Acetylene Manufacturing Co., of London, Ont., have secured the contract to install an acetylene lighting plant for lighting the streets of the village, also stores, churches, hotels, residences, etc. Same firm secured the contract for lighting the town of Rodney

and are installing a plant at Thornton.

MIDLAND, ONT.—Five tenders for \$4,000 of school debentures were received by the council as follows: Confederation by the council as follows: Confederation Life Association, Toronto, \$4,552 (accepted); O'Hara & Co., Toronto, \$4,435; Western Bank of Canada, \$4,320; Æmilius Jarvis, Toronto, \$4,280; Central Canada Loan and Savings Co., \$4,026.

MONTREAL, QUE.—The Dominion government has awarded the contract for

building pier No. 2 in connection with the harbor improvements to James C. Malone, of Three Rivers, Que.; amount of tender, \$650,000. The work includes the construction of a high level pier and two bulkheads.—The following tenders have been accepted for building new fire station at Hochelaga: J. H. Lambert, painting and glazing, \$593; F. Decatie & Sons, plastering, \$398; J. H. Gitoux, plumbing and heating, \$1,090; J. H. Giroux, roofing, \$725; Chapleau & Lebeuf, carpenter work, \$4,384; O. Martineau, masonry, \$3,111; J. B. Lalonde, electrical work, \$450; P. Lebeu, iron work, \$1,747; L. J. Rochon, brickwork, \$2,407. \$2,497.

TORONTO, ONT.-Henry Simpson, architect, has let contracts for an \$18,000 house on Pape avenue, Mr. Price's house on Greenwood avenue, public school at Sturgeon Falls, and Methodist church at Sault Ste. Marie.—The Board of Control last week awarded contracts as follows: Asphalt pavements—Mercer street, John to Peter, \$4,855, Warren Schaff Co.; Queen street, River to G.T.R. tracks, \$6,022, City Engineer. Brick pavement—Atkin avenue, Brock to east end, \$1,055, City Engineer. Macadam roadways—Noble street, Queen to Ioo feet west, \$1,761, Dominion Paving and Contracting Company: Strickland place. west, \$1,761, Dominion Paving and Contracting Company; Strickland place, Noble to Earnbridge, \$714, Construction and Paving Co. Scoria blocks—\$65 and \$61 per 1,000, the Manufacturers' Agency and Supply Company. Cedar block pavements—Palmerston avenue, Robinson to Arthur, \$2,093, Construction and Paving Company; Sumach street, King to Gerrard, \$4,981, Construction and Paving Company. Concrete walks—Lowther avenue, from Avenue road to Bedford, 64c., A. Gardner & Co.; broken stone suitable for concrete, \$1,65, suitable for macadam, \$1.60 per cubic yard, John for macadam, \$1.60 per cubic yard, John Maloney & Co.

# Portland Cements...

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

Best English Cements. Best Belgian Cements. Sewer Pipes,

Culvert Pipes, &c.

W. McNALLY & CO., Montreal.

# ...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

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

Paving and Fire Brick a Specialty

"DYCKBRHOFF" and "WHITE CROSS" Brands

NORTH'S "GONDOR" BRAND AWARDED FIRST PRIZE AND GOLD MEDAL AT THE ANIMERP EXHIBITION

### THE CECRGIAN BAY PORTLAND CEMENT CO. OWEN SOUND, ONT. LIMITED

These works are furnished with the latest and best machinery. The raw materials are of first-class quality. The process of manufacture is well tried and successful, and operated by experienced experts. The product is the finest grade of PORTLAND CEMENT. For further information write

J. W. MAITLAND, Sec.-Treas.

### McGREGOR & McINTRYE STRUCTURAL IRON WORKS

Trolley Pole Brackets; Electric Light Arms; Prison and Jail Cells; Fire Escapes; Automatic Fire Shutters and Doors; Iron Sidewalk Doors, &c. . . . .

We Stock BAR IRON, BAR STEEL STEEL ANGLES, CHANNELS, Etc. # 65 to 71 Pearl St., TORONTO, ONT.

# MUNICIPAL DEBENTURES BOUGHT

ÆMILIUS JARVIS & CO. (Toronto Stock Exchange) 19-21 King St. West, TORONTO

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

## WILLIS CHIPMAN

Hon. Grad. McGill University.

M. Can. Soc. C.E. Mt. Ain. Soc. C.E.
Mem. Am. W.W. Ass'n.

WATERWORKS, SEWERAGE WORKS, GAS
WORKS, ELECTRIC LIGHT AND
POWER PLANTS
Reports, Surveys, Construction, Valuations

103 BAY STREET - TORONTO

### RODERICK J. PARKE Consulting Electrical Engineer

MUNICIPAL BLECTRIC LIGHTING COMMERCIAL POWER INSTALLATIONS

Isolated Electric Lighting and Power Plants for Manufactories. Estimates, Specifications, Advice on Tenders, Valuating.

409-410 Temple Building, TORONTO, CANADA

## W. T. ASHBRIDGE, C.E.

A. M. CAN. SOC. C.E.

609 Temple Building, - TORONTO Special Attention given to

### MUNICIPAL IMPROVEMENTS

Sewerage Works, Water Supply, Pavements. Concrete Construction, Etc.

### R. E. SPEAKMAN, C.E. A. M. Inst. C. E., 1878.

### CONSULTING ENGINEER

(LATE GALT & SPEAKMAN.)

Waterworks, Sewerage and Sewage Disposal.
Municipal Improvements.
Granolithic Pavements.
Electric Light Plants.
Drainage and Irrigation of Land.
Coal Handling Plant and Machinery.
Plans, Specifications and Estimates.
Construction and Valuations.

Canada Life Building - TORONTO

## Notice to Contractors

WE can save you money on.....

### **Granolithic or Crushed Stone**

of any size, as we have the most complete plant in Canada. You will consult your own interests by getting our prices. We also make a specialty of Slate, Tile, Granite and all kinds of Stone. Crusher at Jarvis street wharf.

THE POWBLL GRANITE & MARBLE CO'Y, one 3440. Office, 482-484 Youge St., Toronto

# THE PHŒNIX BRIDGE & IRON WORKS

MANUFACTURERS OF STAYLBOLTS AND ALL KINDS OF RIVETS

STEEL AND IRON STRUCTURAL AND ARCHITECTURAL WORK

Beams, Channels, Angles and Tees always in stock.

29 to 49 McQIII Street. P.O. Box 893.

Prices on Application.

MONTREAL

# Dominion Bridge Co., Ltd

P. O. Address, MONTREAL, P. Q. Works at LACHINE LOCKS, P.Q.

For Railways and Highways Piers, Trestles, Water Towers Tanks, Buildings, Roofs, Girders, Beams and Columns

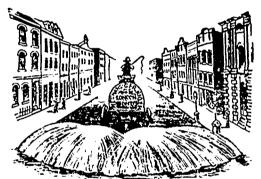
Toronto Agent : GRO. B. EVANS. 38 Canada Life Bldg., TORONTO, ON I

For Sidewalks, Pavements, Heavy Masonry and Concrete.

MANUFACTURED BY . . .

Write for Circular and Prices. The Rathbun Gompany DESERONTO, ONT.

## STUDEBAKER SPRINKI (PATENT IMPROVED)



Does not Clog or get out of Order.

Greatest Width of Spray. Can be Graded from Driver's Seat to any Volume.

We also make an . . .

### Improved Vertical Spray

. . . . for Pavements,

Write for Prices and Catalogue to

Geo. Heaman, Mnfr. LONDON, ONT.

DRUMMOND, Mc.CALL PIPE FOUNDRY Com

MANUFACTURERS OF

SPECIAL CASTINGS FLANGE PIPE BRANCHES HYDRANTS VALVES VALVE BOXES

OFFICES CHADA LIFE BUILDING MONTREAL

Cast Iron Water and Gas Pipes, etc.

Londonderry, Nova Scotia

LUNDONDERRY PIPE FOUNDRY

J. G. ALLAN, Secretary and Treasurer.

JAS. THOMSON, Vice-President and General Manager.

# THE CARTSHORE-THOMSON PIPE & FOUNDRY CO.

Manufacturers of:::

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

mm

AST IRON

3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

HAMILTON ONT.

### **Paying Granite**

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

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

Address all communications to

JOS. BRUNET - COTE DES MEIGES, MONTREAL

# Sicilian ROCK ASPHALT

Rock Asphalt Powder and Rock Asphalt Mastic, for street paving.

Contractors, write us close prices.

GEORGE W. REED & CO.
873 and 705 Craig Street, - MONTRI MONTRBAL

Please mention the CONTRACT RECORD

when corresponding with advertisers.

ORE AND STONE CRUSHERS

Hoisting Machinery RAILWAY SUPPLIES Boilers and Engines Prices furnished on application

HENTHOPN. & MARSH BELLEVILLE. ONT.

### INDEX TO ADVERTISEMENTS

in the "Canadian Architect and Builder,"

Architects.
Ontario Directory....III
Quebec Directory ... x i Architeotural Boulptors and Carvers. Holbrook & Molling. ton.....i

Architectural Iron Work,

Art Woodwork
Southampton Mfg.Co. 11

Artists' Materials. Hearn & Harrison... III The Art Metropole... III

Builders' Supplies.

Bremner, Alex. . . . i Montreal Directory . . aiv Ontario Lime Association . . . . . xiv 

Building Stone
Deaders.
Brodle, James..... vi
Credit Forks Stone Co vi
Pi ka.d C..... vi
Robers.n & Co, D. vi
The Longford Quarry
vi

Builders' Hard-

ware. Rice Lewis & Son.... IV Wheeler & Fain.... xiv

Boller Covering.
M ca Boiler Covering
Co ......xii

Bricks.
I neser ism Co.... xi
Toronto Pressed Brick &
Terra Cotta Co... iv Conductors. Wire & Cable Co.... vii

Contractors' Plant and Machinery Rice Lewis & Son.... IV

Oomente.
Bremner, Alex..... i
Commercial Wood &
Centent to ..... IV
Owen Sound Portland
Cement Co..... IV
The Ratibun Co... xii

Creosote Stains
Cabot. Samuel..... IV
Canada Paint Co.... x

Drain Pipo
Bremner, Atex.....
Canadiau Sewer Pipe
Co...... III

Elovators
Fensom, John..... 1
Leitch & Turnbull.... I
Miller Bros & Toms. vi i
Turnbull & Russell ColV Kmbossed Moulding Loynton & Co.....

Engravers.
Can. Photo-Eng Burcau..... II

Folding Partitions. Springer, O. T..... aii

Grilles and Railings.
Dennis Wire&Iron Co.viil
Toronto Fence & Ornamental Iron Works, vi i
Southamptor Mig. Co. II

Granste
Brunet, Jos.....
Brodie, James.....
Stanstead Granite
Quarries Co.....

Drawing Inks
Stueber, Harry.... III

Interior Decoration Elliott & Sen Co.... vi i John Kay, Son & Co. 143

Line.
Ontario Lime Association ... xiv Robertson & Co.... v

Legal. Quinn & Morrison.. III Action Apparatus
Action Mg. Co... w
Marb's Mosalo
Flooring.
Lixler Prism Co.... xi

Mantles, Grates, and Tiles. Chas. Rogers & Sons

Co......vi i Holbrook&Mollington i Rice Lewis & Son....IV Mail Chutes. The Cutler Mig. Co ..

Mortar Colors and Shingle Stains. Cabot, Samuel .....IV Canada Pai. t Co.... x Muirhead, Andrew....

Ornamental Iron
Work.
Dennis Wire&Iron Coviii
Luxfer Prism C.... xi
Toronto Fenc & Ornamental Iron Works, v.ii

Painters.
Montreal Directory... xiv
Toronto Directory... xiv

Prisms.
Luxfer Prism Co.... xi
Lyon, NT, Glass Co... 143 Paints & Varnishes Muirhead, Andrew ... i Parquetry Floors Elliott & Son Co.... viii

Plumbers
Montreal Directory...xiv
Toronto Directory...xiv Reflectors Frink, I. P...... III

Roofing Materials Ormsby & Co., AB 1
Metallic Roofing Co. 44
Pedlar Metal Roofing
Co. 2
Roofers Supply Co. 1

Muofers
Campbell & Gilday...zi,
Duthie & Sons, G....ziv
Forbes Roofing Co...ziv
Nicholson & Co, D...ziv
Ormsby & Co., A B., 1
Rennie & Son, Robt.ziv
Stewart & Co., W.T..ziv
Williams & Co., H... ziv

Stained and Decorative Glass
Bloomfield & Son,
Henry.....

Henry... Horwood & Sons, H. Leonard, B... Mackey Stained Glass Mackey Stained Glass
Co...
McKenzie's Stained
Glass Works....
The Robert McCauslaud Stained G'ass

Shingles and Siding

Metallic Roofing Co., vii Ormsby & Co., A B., I Peddlar Metal Roofing Roofers Supply Co... Soil Pipe. Toronto Foundry Co. 111

Torra Cotta, Luxfer P.ism Co.... z Ventilators Boston Blower Co... xii

Wall Plaster
Albert Mfg. Co.... vi
Bremner, Alex.....

### STONE PAVEMENTS <del>a</del>rtificial

SIDEWALKS A SPECIALTY

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

The Silica Barutic Stone Company of Ontario, Limited.

WALTER MILLS, General Manager.



### Prices of Building Materials. PRESSED BRICK, Per M.

TORONTO PRESSED BRICK AND TERRA CO	OTTA WORKS.
	F.O.B.
Milton, On	t. Montreal.
Red No. 1	\$18 ∞
" 2 10 50	16 co
" 3 8 50	14 10
Buff No. 1 14 50	20 00
46 2 13 00	18 50
Brown 20 00	25 50
Roman Red 2000	30 50
" Buff 28 00	33 5
" Brown 35 00	40 50
Hard Building 6 50	12 (0
" Sewers 650	12 00
" Back ng 4 00	
Mou'ded and Orn mental from \$2.00 to	Ss.co per ico
Terra Cotta String Conises and Frieze,	from ; oc. to
Roofing Tiles, \$20 00 per 1,000, \$23.00 M	ontreal.
COMMON BRICK, Per	M.

COMMON DILL	& U &	ъ o b
	1.0.0.	1.0.0.
	Toronto	. Montreal.
41 Welling		750 800
Common Walling		
Good Facing	800 g0	8 50
Sewer.	800 001	8 50 9 60
Sewell	003 yo.	0 30 4 00
STON.	E.	
Commo Rubble, per toise,		
delivered	10 0	11 00
Large flat Rubble, per toise,		
		18 00
delivered	14 (0	
Foundation Blocks, per c. ft.	30	50
Granite (Stanstead) Ashlar, 6	-	-
in. to 12 in., rise oin., per ft.		25
Amherst Red Sandstone,		
Amherst, N.S., per cub. ft.	1 00	75
Kept Free stone Quarries,		
Moncton, N.B., per cu. it.	1 00	95
		73
River John, N. S., brown		
Freestone, per cu.ft	95	95
Treestone; ber entrester .	7,7	,,

Port Philis, N. S. Brown			
Sanderone			
"Scorne" Paving Blocks,			
"Scoriæ" Paving Blocks, 8"×3½"×5" "Scoriæ" Paving Blocks,	55		
8"×3½"×4"	45 ∞		
Masillon	30 00		
MasilionQuebec and Vermont rough	-		
granite for building pur- poses, per c.ft. f.o.b. quarry			
For ornamental work, cu. ft	40 40		1 (0
Granite paving blocks, 8 in. t	40		
12 in.x6 in.x41/2 in. per M.			50 (0
Gran te curbing stone, 6 in.x			
20 in. per lineal foot			70
CREDIT VALLEY ST		Δ==	
Rubble, per car or 15 tons	F.O.B	. Qua	7 00
Brown Coursing, up to io in ,			,
per sup. yard		1 50 t	0 1 75
Brown Dimension, per cub.ft			60
Grey Coursing, per sup. yard			1 00
Grey Dimension, per cub. ft.			45
Rubble, per 30 M. car	NB.		5 ∞
Ashlar, per cub. yd			300
Dimension, percub. it			18
07.469			
SLATE.	Toronto	Mon	
Roching (* square).	2010210		ucai.
n red	17 50		20 00
n parale	17 50 8 50		10 00
*ding green olack	8 50	7∞	800
Tena Cotta Tile per 89	7 50 20 00		6 50 25 00
Organiental Black Slate Roofing	8 8a		6 80
-			
CEMENT, LIM	E, etc.		
Portland Cements —			2 65
German per H 290	3 10	2 55 2 25	2 45
German per thl 2 90 London " 2 95 Newcas le " 2 70	300	1 95	2 10
	3 25	2 70	2 80
Dyckerbett 305	3 25	2 75	2 90
North's "Condor 29 English, artificial, per bbl 28	302	2 65 2 35	2 80 2 45
	275	200	2 20
Cenadian, artificial, " 28	3 20	2 60	2 70
Vonian	_	2 20	2 25
Parian 52	5 5 25	5 75	5 75
Keene Superfine "Whites". 21 co Keene's Coarse "Whites". 8 or	3 8 40	9 co 8 so	9 00
Karlstadt " (German) 3 os	3 25	2 75	2 90
Karlstadt" (German) 3 05 Germania" (German) 3 05	3 25	2 75	2 90
"Roester" (Belgian) "Keystone" (Belgian)		2 (5	2 20
"Keystone" (Belgian)		2 05	2 20
"Anvil" (Belgian) "Burham" (English) 2 95	3 00	1 95 2 25	2 05 2 45
Hydraulic Cements.—	3 00	3	
Thorold non-bhl			* 64

CORRECTED UF TO JULY 24TH

	CHUR, 1. F	Company143
		Toronto, Montreal.
	Napanee, n	150 150
	Hull, "	1 50 2 50
	Ontario, "	1 50
	Fire Bricks, Hewcastle,per M 3	0 00 35 00 16 00 21 12
	" Scotch " 3	0 00 35 00 10 00 21 10
	Lime, 100 lbs., Grey	30
	" " White	35 30
	Plaster, Calcined, N. B	200 150
1 (0	" " N. S	200 [%
	Hair, Plasterers', per bag	80 100 000
50 0	HARDW.	ARE.
70	The following are the quotat at Toronto and Montreal:	ions to builders for nail
	Cut nuils, 50d & 60d, per keg	2 85 285
arries.	Steel 11 11 11 11	295 295
7 00	CUT NAILS, FENCE AN	ID CITY COLUMN
to 1 75		
66	4od, hot cut, per 100 lbs	2 85 2 85
1 00	to to 12d, hot cut	2 95 2 95
45	8d, 9d, " "	3 00 30)
40		3 15 3 15
	44 (0 34)	3 25 3 25
5 00	30,	3 50 3 50
2 00	20,	3 85 385
18	Cut spikes, 10 cents per keg Steel Nails, 10c. per keg ex	
	Wire nails, 3.35 base price.	••••
ntreal.	, 3.33 , 4.1011	
20 00	Iron Pi	pe:
10 00	ron pipe, 3/2 inch, per 100 fee	\$\$2.65
8 00		3-75
660		4.25

			a	Jean	i.	Tron.
Lea Was	d pip	e, per pe, pe	lb r lb.	• • • • • •	•••	70. } 15 per
				Lead		ipe:
**	•	2	11	**	"	13.0
- 11	11	2 3/2	H	- 11		9-9
**	- 11	2 1/4		•		\$.0
-1	11		**	11	11	5-7.
- 11	11	<b>¾</b>	11	*1	**	4.2
"	- 11	<b>72</b>	14		**	3-7.

	Jalvanized	Iron	ı <i>:</i>
Adam's-Mar's B			
16 to 24 guage,	perlb		4¾c.
26 guage,	;; ····	434	5.,
Gordon Crown—		5	51/4
16 to 24 guage,	per lb	4%	135
20 guage,	` ;;	425	4¾
Note.—Cheaper	grades about	4¾ %c. pc	r lb. lese.
	Structural	Iron	::
Steel Beams, per	zoo lbs		2 75
"channels,	** *****		2 85
" angles,			2 50
" tecs,			2 80
Sheared steel bric	ige plate		3

\*X\*\*X