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CANADIAN CONTRACT RECORD

A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TENDER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, A DIRECT MEDIUM OF COMMUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

Vol. 2.

Toronto and Montreal, Canada, December 12, 1891.

No. 44

THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information and Public Works,

PUBLISHED EVERY SATURDAY

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.

G. H. MORTIMER, Publisher,

14 KING ST. WEST. - TORONTO, CANADA.
Telephone 2362.

64 Temple Building. - Montreal.
Bell Telephone 2249.

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

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 30 and 31, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

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

The publisher desires to ensure the regular and prompt delivery of this Journal to every subscriber, and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

To Gasfitters & Plumbers

Scaled tenders addressed to the undersigned for supplying and fixing the

Gas Piping, Water Mains and Appliances for Fire Protection, and Wires for Electric Light,

for the Oxford County Court House, will be received up till the

28TH DECEMBER INSTANT.

Plans and specifications can be seen and information obtained from the Architects, Messrs. Cathcartson & Fowler, at their office in Woodstock.

JAMES WHITE,
County Clerk.

Woodstock, December 1st, 1891.

TENDERS

for THREE SELF-CONTAINED HOUSES fronting Shearer Street will be received SATURDAY, 19TH INST. Plans, etc., at the office of the Architect,

WM. H. HODSON,
42½ St. Antoine St., Montreal.



Notice to Contractors

Tenders will be received by registered post addressed to the City Engineer, Toronto, up till 11 o'clock a.m. of the 29TH DAY OF DECEMBER, for the supply of

Sewer Pipes and Wrought and Cast Iron Work

FOR THE YEAR ENDING DECEMBER 31ST, 1892

Specifications and forms of tender can be obtained at the office of the City Engineer on and after the 14th day of December, 1891.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000 and 2½ per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specification), or they will be ruled out as informal.

The committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,

Chairman Committee on Works.

Committee Rooms, Toronto, Dec. 8th, 1891.



NOTICE TO CONTRACTORS.

Extension of Parliament St. Sewer Steel Plate Rivetted Pipe and Piling.

Separate tenders will be received by registered post, addressed to the City Engineer, Toronto, up till 11 o'clock a.m. on TUESDAY, DECEMBER 15TH, 1891, for

342 feet of 52 inch Rivetted Steel Pipe, and for piling and laying the same.

Plans can be seen and forms of tender obtained at the City Engineer's office on and after the 10th day of December, 1891.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2½ per cent. on the value of the work tendered for, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications), or they will be ruled out as informal.

The committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,

Chairman, Committee on Works.

Committee Room, Toronto, Dec. 7th, 1891.

TO CONTRACTORS

Scaled tenders addressed to the undersigned will be received until

Thursday, 24th December, 1891,

for the grading and other work required in building a Branch Line from the Boston and Maine Railroad to our quarries, a distance of two and one-eighth (2¼) miles.

Plans and specifications can be seen at our office, Beebe Plain, P. Q., after Thursday, the 10th inst.

The lowest or any tender not necessarily accepted.

THE MOIR GRANITE CO.,
Geo. H. House, Sec.-Treas.

NOTICE

TO CONTRACTORS AND BUILDERS.



Tenders addressed to the undersigned will be received through registered post at the office of the city clerk, up to noon of

MONDAY, DECEMBER 21ST, 1891,

For the several works required in connection with the erection and completion of a building to be used as

AN ISOLATION HOSPITAL.

Plans and specifications can be seen, and full information obtained at the office of the Medical Health Officer, St. Lawrence Hall building. Each and every tender must be accompanied by a marked cheque, made payable to the order of the City Treasurer, or a cash deposit equal to 2½ per cent. of the amount thereof if over \$1,000, and 5 per cent. if under that amount, which deposit will be forfeited to the city in the event of the party whose tender is accepted failing to execute the necessary contract and bond for the due fulfilment of the same. The deposits of unsuccessful tenderers will be returned. The lowest or any tender not necessarily accepted.

R. H. GRAHAM,
Chairman Local Board of Health.

Board Room, Toronto, December 7th, 1891.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till noon on TUESDAY, DECEMBER 15TH, 1891, for the following sewers.

Pears Avenue, from Avenue Road to Bedford Road; Carlyle Avenue, Perth Avenue to west end; O'Hara Avenue, from present terminus to railway tracks, Gore Vale Avenue, College Street to Garrison Creek.

Plans can be seen and forms of tender obtained on and after December 8th, 1891, at the office of the City Engineer.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2½ per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications), or they will be ruled out as informal.

The Committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,

Chairman Committee on Works.

Committee Room, Toronto, Nov. 30th, 1891.

To Excavators and Graders.

Tenders will be received by the undersigned until noon, Wednesday, the 16th instant, for Grading on a lot on De Lisle St., Deer Park. The work to be done at once.

EDWARDS & WEBSTER,
18 Victoria Street.

TO BUILDERS.

Tenders will be received by the undersigned until SATURDAY, THE 19TH INSTANT, for the several trades required in building a House on Spencer Avenue. The lowest or any tender will not necessarily be accepted. Contractors will be required to furnish satisfactory evidence of their ability, financial and otherwise, to properly execute the work.

EDWARDS & WEBSTER,
18 Victoria Street, Toronto.

TO CONTRACTORS

Sealed tenders, separate or in bulk, will be received by the undersigned for the masonry, carpenter and joiner's work, slating, lathing and plastering, painting, heating and ventilation and leaded stained glass windows required in the erection and completion of a brick church edifice at Glencoe.

Plans and specifications can be seen at the Methodist parsonage, Glencoe, also at the office of M. L. Buffy, architect, Richmond street, London. The lowest or any tender not necessarily accepted.

Rev. W. W. EDWARDS,
Cor. Secretary



Sealed tenders addressed to the undersigned and endorsed "Tender for Drill Shed at Infantry Barracks, Toronto," will be received at this office until FRIDAY, 18TH DECEMBER, 1891, for the several works required in the erection of Drill Shed at Infantry Barracks, Toronto.

Plans and Specifications can be seen at the Department of Public Works, Ottawa, and at the office of Messrs. Denison & King, 18 King street west, Toronto, on and after Friday, 4th December, and tenders will not be considered unless made on form supplied, and signed with actual signatures of tenderers.

An accepted bank cheque payable to the order of the Minister of Public Works, equal to five per cent. of amount of tender, must accompany each tender. This cheque will be forfeited if the party decline the contract, or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

E. F. E. ROY, Secretary.
Department of Public Works,
Ottawa, 3rd December, 1891.

CONTRACTS OPEN.

DUNDAS, ONT.—Mr. Harry Lennard will erect a residence.

HOLMESDALE, ONT.—A joint stock company has been organized here to drill for oil.

LANCASTER, ONT.—A creamery is to be built in this vicinity during the coming winter.

ACADIA MINES, N. S.—Subscriptions are being solicited for the erection of a new church.

BLAKE, ONT.—The Methodist congregation are contemplating the erection of a new church.

ARNPRIOR, ONT.—The Methodists will build an addition to their church. Rev. Mr. Raney, pastor.

NEW WESTMINSTER, B.C.—The Pacific Coast Lumber and Timber Co. intend erecting another saw mill.

SANDWICH, ONT.—The county council has decided to expend \$15,000 in repairing the county buildings.

GUELPH, ONT.—The Savings Company intend having their offices thoroughly refitted in the spring.

BEANSVILLE, ONT.—A movement has been commenced towards an improved system of water works.

SUMMERSIDE, P.E.I.—The citizens are agitating the borrowing of money to macadamize the principal streets.

LONDON, ONT.—Debentures will be issued to the amount of \$30,000 to be used in the extension of the water works.

MELITA, MAN.—Messrs. Frost & Wood, im-

plement manufacturers, have decided on the erection of a large warehouse.

BATTLEFORD, N. W. T.—It is proposed to erect a memorial church here to the late Sir John Macdonald, at a cost of \$5,000.

BRANDON, MAN.—Water works and sewerage systems will be constructed under the supervision of Mr. Thos. Worswick, Toronto.

ALMONTE, ONT.—A by-law was carried on Saturday granting a bonus of \$5,000 to a Montreal company to establish a cotton warp factory.

HALIFAX, N. S.—The Board of School Commissioners are discussing the erection of a new school building.—Mr. J. C. Dumaresq, architect, invites tenders until the 14th inst for the erection of offices for the Nova Scotia Telephone Company.

QUEBEC, QUE.—The city will apply to the Legislature to amend its charter for the purpose of borrowing \$360,000 to complete improvements within the city.

TAMWORTH, ONT.—Rev. J. R. Sexton will receive tenders until the 21st inst. for completing the tower of Christ Church, painting the building and erecting a vestry.

AMHERSTBURG, ONT.—Mr. J. L. Wilson, architect, of Chatham, has just completed plans for a brick church, to cost \$6,000, to be erected by the Methodists of this town.

PETERBORO', ONT.—Mr. R. B. Rogers has received instructions from the Dominion Government to make a thorough report on the waters of the Trent river, both as regards navigation and power.

KINGSTON, ONT.—Mr. Snowdon will erect two brick houses on Brock street.—The work of surveying a branch line to connect the Bay of Quinte railway with Sydenham will commence in a few days.

SARNIA, ONT.—The ratepayers will vote on a by-law on the 4th of January to grant a bonus of \$4,000 to Mr. John Dybble, shipbuilder, of this place, to assist him in constructing permanent ways for the hauling out of the water of ships requiring repairs and rebuilding.

WINNIPEG, MAN.—Plans are now being prepared at Ottawa for the Royal Canadian Mounted Police barracks to be erected in this city.—Six new business blocks are to be erected on Main St. and Portage Ave. in the near future. Some of these blocks will be six stories high.

STRATFORD, ONT.—At a meeting of the county council a recommendation was made for the renewal of a bridge on the boundary between Elma and Gray, and the erection of a new iron structure and the widening of the span to 80 feet across the Thames on the boundary between Downie and Blonshard.

OTTAWA, ONT.—E. F. E. Roy, Sec. Dept. of Public Works, will receive tenders until the 23rd inst. for the supply of about 6,000 post office letter box fronts, samples to be seen at the office of Denison & King, architects, Toronto, and James Nelson, architect, Montreal, and at the department.

OWEN SOUND, ONT.—The Board of Works are calling for tenders up to the 15th inst. for Union street bridge.—The council has voted the sum of \$1,000 to sheet pile the east side of the harbor, from the north end of Gerolamy's docks to the northerly boundary of Pearl street.—The C. P. R. will also sheet pile their docks.

VANCOUVER, B.C.—The Vancouver Dynamite and Powder Co. has been formed. The company propose to erect works at an early date.—Mr. G. S. McConnell has decided on the erection of a new brick block at an early date.—An Episcopal church is shortly to be erected at Elphinstone, on Howe Sound. The site has been donated by Mr. Fletcher.

SPRINGHILL, N. S.—At the meeting of the town council on Tuesday of last week, it was decided to call for tenders for the construction of a system of water works immediately after the preparation of specifications by the engineer.

The estimated cost is \$100,000.—The congregation of the Church of England have decided on the erection of a new church and a cottage hospital, at a cost of \$10,000.—Work has been commenced on the foundations of a new Roman Catholic church, to cost \$10,000.

HAMILTON, ONT.—The promoters of the proposed electric railway from Hamilton to Grimsby state that work will be commenced as soon as the charter is obtained. The road will be 22 miles in length, and will cost \$175,000.—Mr. F. G. Beckett is the prime mover in a scheme to build a drive along the mountain for a distance of five miles. The estimated cost of the grading is \$10,000 and the fencing \$15,000.—The scheme will be laid before the council of the Board of Trade.—Steps are being taken to erect a monument to the late Sir John Macdonald.—A number of citizens have secured a portion of the Gage farm, 2½ miles from the city hall, for exhibition purposes. They purpose erecting suitable buildings at an early date.

MONTREAL, QUE.—Plans are being prepared by Jas. Amess for six tenement houses to be erected for Mr. Rowe, Point St. Charles. Same architect is calling for tenders for a residence for Rev. G. Gregg, cost \$3,000.—At the next meeting of the council Mr. Lepage will present a plan for the grading of Atwater avenue.—A by-law will shortly be voted on by ratepayers of the municipality of St. Louis du Mile End to borrow the sum of \$75,000, the greater part of which is to be expended in the construction of sewers.—The congregation of the church of St. James the Apostle are taking steps towards the erection of a memorial window to the late Mrs. Charles Phillips.—A petition has been presented to the city council asking for the widening of St. Lawrence street from the old city limits to the present limits.—The Street Railway Company have asked permission to lay a track on St. James street, west of Windsor.—A site has been granted by McGill University to Mr. Peter Redpath for the erection of a library building, to be given as a donation to the University. Mr. Redpath will have plans prepared at once. The building is to cost about \$100,000.

TORONTO, ONT.—The Property Committee of the Harbour Street Collegiate Institute has been authorized to award contracts for hardware and mantels for their new building.—The City Engineer has been instructed to report to the Council as to the approximate cost of constructing a suitable subway under the G. T. R. tracks in Queen street east.—Petitions were presented to the Council of East Toronto at its last meeting for sidewalks on Ben Larned avenue and Avenue road.—The Land Security Company, 7 Victoria street, will shortly commence the erection of a block of seven stores at the corner of Dovercourt road and Queen street.—The following are the estimates for 1892 as prepared by the City Engineer: Cedar block paving, \$10,700; stone set paving, \$2,000; macadam roads, \$17,700; cobble stone paving, \$6,950; channeling, ditching, etc., \$3,000; tools and repairs, \$2,000; culvert cleaning, tree cutting, street numbering and boulevard trimming, \$9,000; stone and wooden kerbs, \$4,000; wooden crossings, \$2,500; stone crossings, \$3,200; sidewalk repairs, etc., \$21,000; street cleaning, \$58,000; tools, coal, blacksmith shop and miscellaneous, \$2,000; renewal of cedar block pavement, \$52,000; sewers, repairs generally, \$18,000; construction and repairs, \$10,000; bridges—maintenance and repairs, \$5,000; dredging sewage from slips, \$2,000; wharf repairs, Frederick St., \$2,500; reconstruction of Strachan Ave. bridges over G. T. R. and C. P. R. (part of cost), \$3,000; repairs to island groynes and protection, \$2,000.—Building permits have been granted as follows: Harriett Taylor, pr. s. d. 2-story and attic bk. dwellings, Delaware Ave., cost \$5,000; Theo. Price, pr. s. d. 2-story and attic bk. dwellings, east side Grace St., south of College, cost \$4,000; Wm. Hill, pr. s. d. and one det. 2-story and attic bk. dwellings, St. Joseph St., cost \$15,000; Wm. Mosher, pr. s. d. 2-story and bk. dwellings, east side Grace St., south of

MONTREAL PRICES.

Lumber, Etc.

| | | |
|------------------------|---------|--------|
| Ash, 1 to 4 in, M. | \$13 00 | 18 00 |
| Birch, 1 to 4 in, M. | 15 00 | 25 00 |
| Basswood | 12 00 | 30 00 |
| Walnut, per M. | 50 00 | 100 00 |
| Butternut, per M. | 22 00 | 40 00 |
| Cedar, flat. | 00 04 | 00 06 |
| Cherry, per M. | 60 00 | 80 00 |
| Elm, Soft, 1st. | 15 00 | 17 00 |
| Elm, Rock | 25 00 | 30 00 |
| Maple, hard, M. | 20 00 | 31 00 |
| Maple, Soft. | 16 00 | 18 00 |
| Oak, H. | 40 00 | 100 00 |
| Pine, select, M. | 35 00 | 40 00 |
| Pine, 2nd quality, M. | 13 00 | 25 00 |
| Shipping Culls. | 13 00 | 16 00 |
| Mill Culls. | 8 00 | 10 00 |
| Lath, M. | 1 50 | 1 90 |
| Spruce, 1 to 2 in, M. | 10 00 | 12 00 |
| Spruce Culls. | 4 50 | 6 00 |
| Shingles, 1st quality. | 1 50 | 3 00 |
| and | 1 25 | 1 50 |

Portland cements, etc.

| | | |
|--------------------------------|---------|-------|
| German brands, per barrel. | \$ 2 65 | 2 85 |
| London | 2 45 | 2 90 |
| Newcastle | 2 35 | 2 50 |
| Belgian | 2 31 | 2 40 |
| Canadian | 2 25 | 2 30 |
| Roman | 2 75 | |
| Keene's Coarse "Whites" | 4 50 | 4 75 |
| " Parian | 4 10 | 4 75 |
| " Superfine | 6 50 | 7 00 |
| Calced plaster, per barrel. | 1 55 | 1 70 |
| Fire Bricks, Newcastle, per M. | 25 10 | 24 00 |
| " Scotch | 18 00 | 25 00 |

Sandstones.

| | | |
|--------------------------------------|----|----|
| Red, English and Scotch, per cu. ft. | 65 | 85 |
| Cream and Olive, | 68 | 80 |
| Bath Stone Quarries Stone | 65 | 85 |

Cut Nails:

| | | |
|--|-------|---------|
| Hot-cut Am. or Can. pattern, 3 inch and above | \$ 75 | \$ 2 85 |
| Hot-cut Am. or Can. pattern, 2 1/2 inch and above | 3 00 | 3 25 |
| Hot-cut Am. or Can. pattern, 2 1/4 and 2 inch. | 3 25 | 4 20 |
| Am. pattern, 1 3/4 and 1 1/2 inch hot-cut 1 1/2 inch | 3 50 | 5 60 |
| " " " " " " | 4 25 | 5 20 |
| Can. Pattern, cold-cut, 2 1/2 and 2 1/4 inch 1 1/2 inch. | 3 25 | 4 45 |
| " " " " " " | 3 75 | 4 95 |
| Finishing Nails, per 100 lb. keg, 1 1/2 and 1 1/4 inch. | | 4 50 |
| Finishing Nails, per 100 lb. keg 1 1/2 to 1 1/4 inch. | | 3 85 |
| Finishing Nails, per 100 lb. keg, 2 inch and up. | | 3 50 |

Paints, etc.

| | | |
|---------------------------------------|------|------|
| White Lead, pure, 25 to 100 lb. kegs. | 6 00 | 7 00 |
| " No. 1. | 5 25 | 5 50 |
| " No. 2. | 4 50 | 5 00 |
| " No. 3. | 4 00 | 4 50 |
| dry. | 5 25 | 5 75 |
| Venetian Red, English. | 1 50 | 1 75 |
| Yellow Ochre, French. | 1 25 | 3 00 |
| Whiting, London, washed. | 0 65 | 0 75 |
| " Paris, | 1 15 | 1 25 |

Oils:

| | | |
|-------------------------|------|------|
| Linseed, raw. | 0 63 | 0 55 |
| boiled. | 0 68 | 0 58 |
| Olive, pure. | 1 10 | 1 15 |
| " machinery. | 95 | 1 05 |
| " extra, qt., per case. | 3 00 | 3 25 |
| " pis., | 2 75 | 3 10 |
| " 1/2 pis., | 2 75 | 3 10 |
| Spirits turpentine. | 0 67 | 0 70 |

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| Ives & Co., H. R. | IV |
| Leitch & Turnbull | I |

ENGRAVERS.

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| Canadian Photo-Eng Bureau | xiii |
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FIRE BRICK AND CLAY.

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| Adamson, Jos. | I |
| Colman-Hamilton Co. | iii |
| Wright & Sons, C. B. | ix |

GALVANIZED IRON WORKS.

| | |
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| Baird Bros. | II |
| Douglas & Plunkett | II |
| Hedges & Lankin | II |
| Tucker & Dillon | II |

GRATES AND TILES.

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| Holbrook & Mollington | xii |
| Rice Lewis & Son | IV |

HEATING.

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| Garth & Co. | xv |
| Howard Furnace Co. | xii |
| Ives & Co., H. R. | IV |
| King & Son, Warden | xvi |
| McClary Mfg. Co. | xii |
| Miller Bros. & Toms | xii |
| Toronto Radiator Mfg Co. | xi |

IRON FENCES.

| | |
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| Ives & Co., H. R. | IV |
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IRON PIPE.

| | |
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| Ives & Co., H. R. | IV |
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LIME AND STONE.

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| Wright & Sons, C. B. | ii |
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LEGAL.

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| Denton Dods & Denton | III |
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MANTELS AND OVERMANTELS.

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| Millichamp Mfg. Co. | xvi |
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METALLIC LATH.

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| B. Greening Wire Co. | IV |
| Metallic Roofing Co. | ii |

MORTAR COLORS AND SHINGLE STAINS.

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| Cabot, Samuel | xvi |
| Maguire, Wm. | iv |
| Muirhead, Andrew | xvi |
| Toronto Pressed Brick Co. | iii |

ORNAMENTAL PLASTERERS.

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| Baker, J. D. | III |
| Hynes Terra Cotta & Brick Co. | viii |
| Wright, Jas. | III |

PAINTS, VARNISHES, &C.

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| Muirhead, Andrew | x |
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PAINTERS.

| | |
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| Dill & O'Hearn | II |
| Gillmor & Casey | II |
| Polito, T. | v |

PAVING.

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| Excelsior Pavement Co. | x |
| Forsyth, Robert | xlii |
| Gardner & Co., A. | IV |

PLASTERERS.

| | |
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| Hynes, W. J. | I |
| Watson Bros. | II |

PLASTERING FIBRE.

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| Nowell & Co., R. L. | x |
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PLATE GLASS.

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| McCausland & Son | v |
| Toronto Plate Glass Importing Co. | vii |

PLUMBERS.

| | |
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| Bennett & Wright | II |
| Jordan, F. | vi |
| McCrae & Watson | vi |

PLUMBING SUPPLIES.

| | |
|--------------------------------|-----|
| Booth & Son | v |
| Garth & Co. | xv |
| Malcolm, W. B. | i |
| Sanitas Mfg. Co. | v |
| St. Johns Stone, Chinaware Co. | iii |

ROOFING MATERIALS.

| | |
|----------------------|----|
| Merchant & Co. | ii |
| Metallic Roofing Co. | x |

ROOFERS.

| | |
|----------------------|----|
| Baird Bros. | II |
| Duthie & Sons, G. | II |
| Forbes, Duncan | II |
| Metallic Roofing Co. | ii |
| Hutson, W. D. | II |
| Rennie & Son, R. | II |
| Saulter, Wm. | II |
| Shales, John H. | II |
| Stewart, W. T. | II |
| Toronto Roofing Co. | II |
| Williams & Co., H. | II |

SASH BALANCE.

| | |
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| Hargreaves, John | III |
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SEWER PIPE.

| | |
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| Adamson, Jos. | I |
| Hamilton and Toronto Sewer Pipe Co. | iv |
| McNally & Co., W. | vii |
| Maguire, William | v |
| McRae & Co. | iv |
| Terry, Edward | iv |
| The Ontario Terra Cotta Pressed Brick & Sewer Pipe Co. | vii |
| The Colman-Hamilton Co. | iii |
| Wright & Sons, C. B. | iv |

SANITARY APPLIANCES.

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|-------------------------------|-----|
| Booth & Son | v |
| Sanitas Mfg. Co. | v |
| Ives & Co., H. R. | IV |
| Malcolm, W. B. | i |
| St. Johns Stone Chinaware Co. | iii |

SLIDING BLINDS.

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| Clatworthy, Geo. | x |
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STAINED AND DECORATIVE GLASS.

| | |
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| Castle & Son | iv |
| Dominion Stained Glass Co. | iv |
| Elliott & Son | I |
| Faircloth Bros | v |
| Grimson, G. & J. E. | iv |
| Longhurst & Co., H. | iv |
| Lewis, R. | v |
| McCauley & Son | v |
| Spence & Son, J. C. | iv |
| The Bell Art Stained Glass Works | v |
| Victoria Stained Glass Co. | v |

STENOGRAPHERS.

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| Holland Bros. & Young | vi |
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TERRA COTTA.

| | |
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| The Hynes Terra Cotta & Brick Co. | viii |
| Toronto Pressed Brick & Terra Cotta Co. | iii |
| The Ontario Terra Cotta, Brick & Sewer Pipe Co. | xi |

TERRA COTTA FIREPROOFING.

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| Rathbun Co. | viii |
| The Montreal Terra Cotta Lumber Co. | viii |

TOWER CLOCKS AND BELLS.

| | |
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| Gillett & Johnston | ii |
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WALL PAPER AND CEILING DECORATIONS.

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|--------------|----|
| Elliot & Son | II |
|--------------|----|

WALL PLASTER.

| | |
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| Adamant Mfg. Co. | II |
| Boynston Wall Plaster Co. | vi |
| National Association Adamant Co. | xv |

WALL TIE.

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|-------------------|-----|
| Weese & Co. D. A. | xvi |
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