

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.

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THE CANADIAN CONTRACT RECORD,

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Information from any part of the Dominion regarding contracts open to tender, sent exclusively to this journal for publication, and not elsewhere published, will be liberally paid for.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 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. Ferrault, seconded by A. F. Duntlop, that we the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors, resolved, that we pledge our support to it by using its columns when calling for Tenders."

The publisher of the "Canadian Contract Record" 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 CONTRACTORS.

The undersigned will receive tenders on THURSDAY, 5TH MARCH, for the several works required in the erection of Two Houses in Hutchison Street in this city.

JAMES NELSON, Architect,
British Empire Building.

Montreal, February 19th, 1891.

TENDERS FOR CHURCH.

Sealed Tenders will be received by the Chairman of Committee, up to the 14th March, at 9:30, for the work required for the several trades, or for the whole work required in the erection and completion of a Brick Church at Campbellville. Plans and specifications can be seen at the store of Messrs. Brown & Beattie, Campbellville, or at the Architect's office, West Toronto Junction. Five per cent. security to accompany each tender. The lowest or any tender not necessarily accepted.

JAMES MOFFAT, Kelso P. O., Chairman Com.

JAMES A. ELLIS, Architect.

TENDERS WANTED.

Tenders will be received until noon on Saturday, the 7th of March, for the erection of a Brick House on St. Urbain Street, Montreal. The lowest or any tender not necessarily accepted.

J. A. CHAUSSE, Architect,
77 St. James Street.

TENDERS

are invited for the construction of BOWLING ALLEYS into the new Athenæum Club Building, to be erected on Church Street. For particulars apply to the office of

DENISON & KING, Architects,
18 & 20 King Street West.

TENDERS

For the erection of Three Self-Contained Houses fronting on Congregation St., Point St. Charles, received THURSDAY, 5TH PROXIMO. Plans, specifications, etc., at the Architect's office, 45 1/2 St. Antoine Street, Montreal.

WILLIAM H. HODSON, Architect.

TO CONTRACTORS.

Sealed tenders will be received at the offices of the undersigned architects until noon of the 10TH MARCH, for all trades required in the erection of NEW PHYSICS BUILDING at McGill College, Montreal. Each contractor must be prepared to provide, if called upon two approved sureties to the full amount of his contract. It is not guaranteed that the lowest or any tender will be accepted. Plans and specifications may be seen on and after the 3rd March, at the offices of

MESSRS. TAYLOR & GORDON,
Architects,
43 St. Francois-Navier Street, Montreal.



DEPARTMENT OF PUBLIC WORKS.

QUEBEC, 24TH FEBRUARY, 1891.

SEALED TENDERS

Addressed to the undersigned, will be received at this office up to Saturday, the 14th March next, at noon, for the construction of an extension to the MCGILL NORMAL SCHOOL at Montreal. Plans and specifications of the works required may be seen at the office of Messrs. Wright & Sons, Architects, Montreal, every day from 10 o'clock a.m. to 4 o'clock p.m.

Each tender must be accompanied by a cheque for 2 1/2 per cent. on the amount of tender, drawn on and accepted by a duly chartered bank, such cheques to be made payable to the order of the Commissioner of Public Works and to be forfeited to the Government should the tenderer refuse to sign the contract. Unsuccessful tenderers' cheques will be returned to the parties not later than the 1st of April.

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

By order,

ERNEST GAGNON,
Secretary.

N. B.—No reproduction of this notice without special order in writing from this Department.

E. G.

TENDERS

Will be received at the offices of the undersigned until MARCH 10TH, for the several works necessary in the erection of ST. JOHN'S (French Presbyterian) CHURCH, St. Catherine Street, Montreal.

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 works.

J. A. PROUDFOOT BULMAN, Architect,
136 St. James Street, Montreal.

COLORING BRASS WORK.

A beautiful violet color is imparted to brass work by the application of chloride of antimony, says a writer in *Work*. Get the work perfectly bright and clean by the usual methods, either in lathe, or by dipping, etc., heat it over gas flame or spirit lamp, so that water will steam off it but not fiz, then apply the chloride of antimony liquor with a piece of rag or pad attached to a piece of wood; when the metal has assumed an even color, polish by rubbing with a soft cloth perfectly clean and dry, and protect with a coat of clear lacquer. Should you prefer a darker color use either of the following receipts: (1) To one part oxide of iron, or iron filings, add one part arsenic and twelve parts hydrochloric acid. Dissolve the oxide of iron or filings in the acid, then add the arsenic, strain and bottle for use. (2) One pint of strong vinegar, one ounce of sal-ammoniac, one-fourth oz. arsenic, one-half ounce of alum; dissolve in the vinegar and bottle. These mixtures are to be applied in the same way as chloride of antimony, and as you are doubtless aware, the ultimate shades may be varied by treating with various lacquers. In all cases the work should be polished with a dry cloth immediately the desired color is obtained, and in the case of the two latter receipts the work should be lacquered at once; but with the chloride of antimony this is not essential. With regard to Florentine bronze, the only recipe I know of is the following: The work having been finished bright and clean is covered with a thin coating of copper. Now make a paste with Spanish brown twelve parts, and black lead one part, in hot water. Dissolve a small quantity of oxalic acid say as much as will fit on a sixpence—to one-half a pound of other ingredients, also in hot water, and thoroughly mix the whole; thin with hot water to a workable consistence and apply with a soft brush. When dry polish with a medium brush. This done the work is ready for lacquering, a pale lacquer being employed.

The Canadian Contractors' Hand Book 50 cents to RECORD subscribers.

CONTRACTS OPEN.

BELLEVILLE, ONT.—The city invites tenders for electric street lighting.

WINDSOR, ONT.—The Keystone Gun Club will erect a fine club house.

KINGSVILLE, ONT.—Frank Bell and Hugh Wigle will build residences.

PERTH, ONT.—The Germans will erect a brick church the coming summer.

SANDWICH, ONT.—Lassaline & Co. will rebuild their furniture factory.

NANAIMO, B. C.—The citizens have under consideration the adoption of electric light for street purposes.

DOUGLAS, MAN.—The Masonic fraternity has appointed a Committee to select a site for a Masonic Hall building.

PORT ARTHUR, ONT.—The Dominion Government has accepted a site for the proposed customs' house and post office.

HARRINGTON, ONT.—The Presbyterians have subscriptions in hand to the amount of \$2,000 for the erection of a new church. The work will be proceeded with at once.

VALLEYFIELD, QUE.—It is positively stated that the construction of the proposed railway between this place and Malone, N. Y., will be commenced the coming summer.

WINGHAM, ONT.—Plans have been prepared for a new building for the Bank of Hamilton. It will be built of red brick with stone trimmings, and will be three stories in height.

QUEBEC, QUE.—Mr. Collingwood Schieber, Chief Engineer of Government Railways, was in the city a few days ago, and carefully examined the proposed sites for a railway bridge across the St. Lawrence.

VANCOUVER, B. C.—At a meeting of citizens a few days ago steps were taken to organize a company and secure a charter to build a line of milway from this city northward towards the Peace river country and Alaska.

WALLACEBURG, ONT.—Mr. A. L. Schambleau, of this place, will receive tenders on behalf of the county council until March 2nd, for the construction of a new stone and iron bridge across the river Sydenham in this village.

LEAMINGTON, ONT.—New water works buildings will be erected.—The Oddfellows are making arrangements to erect a large building to be used as a hall, opera house, and business purposes. Work will commence in the spring.

KINGSTON, ONT.—The Oddfellows will erect a building to cost about \$20,000.—Additional electric plant is to be purchased in the spring.—A committee of the Separate School Board is discussing the advisability of erecting a new building.

MILLBROOK, ONT.—Geo. Southern, clerk of the Township of Cavan, invites tenders until the 20th of March for the construction of an open drain in said township. Approximate excavation, 60,000 cubic yards. Full particulars obtainable at Mr. Southern's office, Millbrook.

OTTAWA, ONT.—The Secretary of the Dept. of Railways and Canals will receive tenders until the 17th of March for the construction of a brick sewer at Lachine, Que., and a collecting drain along the north side of the Lachine Canal from Convent station to Cote St. Paul's road, thence following the course of the river Pierce to the St. Lawrence. Plans, etc., at the Dept. of Railways and Canals, Ottawa.

WEST TORONTO JUNCTION, ONT.—The Town Clerk will receive tenders until 6 p. m. on the 6th of March for the following materials: About 75,000 feet of 4 x 4 cedar scantling, 12 and 16 feet long; about 225,000 feet of two inch pine plank, 10 or 12 inches wide and 16 feet long gang sawed. About 100 kegs five inch nails. Tenders must state the price per thousand feet of each kind, and the price per keg for nails.

HAMILTON, ONT.—W. A. Edwards, architect, asks tenders on a house to be built on MacNab street south.—J. Powell, architect, is closing con-

tracts for a beach cottage for Mr. W. Worthington. He is also preparing plans for a large store or warehouse for Geo. E. Martin, barrister, King St. west. He asks tenders for the remodelling of five stores, James St. north. He intends shortly visiting some of the iron smelting furnaces of the United States, previous to preparing plans for an American who propose building iron smelting works in this city the coming summer.—The erection of a large hall is talked of.—Tenders will be received by Mr. Seargeant, general manager of the G.T. Railway, Montreal, until March 14th, for various classes of iron bridges required on the Great Western and Northern and Northwestern divisions of that road. Full particulars obtainable from Mr. Hobson, chief engineer, this city.

WINNIPEG, MAN.—The people of the McDougall Memorial Church (Methodist), intend building a church here to cost about six or seven thousand dollars. The tenders have been received, but as it has not been decided what the character of construction shall be (brick, brick veneer, with basement or without), they may have to tender over again. It is to be completed next autumn.—The annual report of the hospital management directs attention to the necessity for the enlargement of the buildings. It is suggested that a separate building should be erected to accommodate patients suffering from infectious diseases.—The City Council and Board of Trade will again endeavor to induce the Government to proceed with the improvements necessary to render navigable the Red river.—A mass meeting of the members of the Masonic order of the province was held at Winnipeg on the 20th inst., with the object of considering the advisability of erecting a handsome hall in this city. If the scheme meets with favor, operations will be commenced at once.

MONTREAL, QUE.—It is the intention to enlarge Mount St. Louis instantly.—The plans of Messrs. Shepley, Putan & Coolidge, of Boston, Mass., for the proposed new Board of Trade building have been accepted, and tenders for the work will be invited in the course of two or three weeks.—The municipal council of Maisonneuve has decided to open a new street connecting the municipality with the city by way of St. Catherine street east. Expropriations will be required extending over a distance of some eighteen acres, and the total cost is placed in the neighborhood of \$20,000.—The Water Department invites tenders until noon of March 3rd, for about 10,000 lbs. of pneumatic stop cocks and branch brass castings, viz: 200 four way, 200 three way and 500 two way branches and the balance of the 10,000 lbs. in stop cocks. Also 6,000 lbs. of brass castings for 4, 4, 8, 10, 12, 16 and 20 inch valves, as may be required. Patterns will be furnished by the department. Tenders to state a price per pound.—Tenders are invited by the Water Department until March 3rd for one engine gap lathe.—The Water Committee are asking for \$60,000 to lay pipes on Sherbrooke street from the Grand Seminary to Atwater avenue, and on Amherst St. from Craig to Notre Dame street.—Messrs. Daoust & Gendron, architects, are preparing plans for alterations to La Banque Nationale, a villa for Hon. J. E. Robidoux, 4 stores on St. Lawrence Main St., 5 tenement houses on Palace St., a cottage on Lorn Crescent avenue, 3 tenement houses on St. Charles Berromée St.—The following building permits have been granted: J. L. Noakes, wood and brick dwelling, 186 Charron St., cost \$1,200; Timothy Tracey, 2-storey wood and bk. shop and dwelling, 888 Ontario St., cost \$1,500; S. D. Vallieres, 3-storey bk. shop and dwelling, St. Antoine and Martin streets, P. Lortie & Son, architects, cost \$1,800; Ulderic Provencher, 2-storey wood and bk. house, Duquette St. cor. of Desery St., cost \$1,200.—The chief of the Fire Department asks an appropriation for the building of two new stations and a water tower.

TORONTO, ONT.—A public meeting of the ratepayers of East Toronto will shortly be held to decide upon some improved method of lighting the streets.—The City Engineer again recommends the construction of asphalt pavements on

Jordon street, from King to Wellington, and on Melinda street, from Yonge to Bay.—Plans are being prepared in the City Engineer's office for the purpose of converting the Rosedale Ravine into a park and drive.—The Davenport Street Railway Company, of Toronto, has been incorporated with a capital stock of \$100,000, the incorporators being James Austin, Frank Turner, C. E., Allan Royce, Robert Jaffray, A. J. B. Close, W. J. Mackenzie, F. B. Cumberland, Alexander Rankin, P. G. Close, William Booth, T. H. Bull, John Brimer, Dr. J. T. Gilmour, M. P. P.—Regarding the proposed bridge over the Don at King St., the city authorities will write to the Railway Committee of the Privy Council to see whether a bridge that can be converted into swing bridge will be acceptable, and also to see whether the railways are prepared to pay their proportion and have the work go on at once.—The Public School Board has determined to sell the site of the Bathurst street school and erect a new one in that vicinity.—The Council will be asked to consider a by-law to raise the sum of \$100,000 by the issue of debentures for the purpose of laying mains and purchasing meters to extend and improve the water works.—Mr. Wm. Rayside, architect, is preparing plans for a block of eleven stores and public hall to be erected at the cor. of College St. and Brunswick ave.—Mr. J. A. Ellis, architect, West Toronto Junction, has prepared plans for a 3-storey and basement bk. carriage shop and dwelling for Mr. J. Armstrong, to be erected at 1289 Queen street west.—Messrs. Somerville & Co., Richmond St. west, have prepared plans for a det. 2-storey and attic bk. and stone dwelling for Mrs. Johanna Brown, to be erected on the east side of Huron street, near Dupont St., to cost \$7,500.—Plans have been prepared for a store and five dwellings to be erected at the north-west cor. of Broadview ave. and Close St.—The following building permits have been granted: Mr. McQuaig, det. 2 storey and attic bk. dwelling, north side St. George street, north of College, cost \$8,000; Mr. J. R. Armstrong has had plans prepared for four 1-storey bk. stores on Queen St. near Sherbourne St., cost \$2,000.

FOUL PIPES.

Cast-iron foul-air pipes located on the outside buildings, says the *Building Register*, are, under some circumstances, among the most potent and insidious means of introducing drain-gases into sleeping and other apartments.

For obvious reasons, it is necessary that the air in ventilating pipes must be warmer than the outside air, to establish and maintain an up-draught therein. If the pipe is exposed, it is impossible to obtain such a draft to a servicable extent in cold weather. The pipe fills with gas, which is retained under pressure by the cold air above, and for want of a draft escapes by any lateral vent conveniently offered.

The viscidities of the weather frequently develop flaws in the iron into apertures, and cause the pipes to crack. When such openings occur near a window or fresh air inlet, quantities of the drain emanations in the pipe escape and are wafted into windows or drawn into house inlets, and thus incorporated in the air of inhabited rooms.

In a recent case, in which the presence of drain-gas was offensively perceptible, the inspector failed to find any defect in the indoor plumbing, and almost despaird of finding a solution of the difficulty, until he discovered a crack in the outside ventilating pipe, almost in front of the opening of the fresh-air inlet. Thus is manifested another instance of the extent to which the health and lives of the inhabitants of modern dwellings depend upon the intelligence and conscientiousness of the plumber.

MONTREAL PRICES.

Lumber, Etc.

Ash, 1 to 4 in. M.	\$13 00@18 00
Birch, 1 to 4 inch, M.	15 00 25 00
Basswood.....	12 00 20 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.....	15 00 17 00
Elm, Rock.....	25 00 30 00
Maple, hard, M.	40 00 25 00
Maple, Soft.....	16 00 18 00
Oak, M.....	40 00 95 00
Pine, select, M.	35 00 40 00
Pine, 2nd quality, M.	20 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 inch, M.	10 00 12 00
Spruce Culls.....	4 50 6 00
Shingles, 1st quality.....	2 00 3 00
" and ".....	1 25 1 50

Cement, etc.

Portland Cement, per barrel.....	\$ 2 70@ 3 00
Roman.....	2 70 3 00
Fire Bricks, per M.....	30 00 30 00

Cut Nails:

Hot-cut Am. or Can. pattern, 3 inch and above.....	2 75 3 35
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 1/2 and 1 3/4 inch hot-cut.....	3 50 5 60
1 1/2 inch.....	4 25 5 20
Can. Pattern, cold-cut, 1 1/2 and 1 3/4 inch.....	3 25 4 45
1 1/2 inch.....	3 75 5 95
Finishing Nails, per 100 lb. keg, 1 1/2 to 1 3/4 inch.....	75 cents advance on Hot-Cut Nails.
Finishing Nails, per 100 lb. keg, 2 inch and up.....	0 67 0 70

Paints, etc.

White Lead, pure, 25 to 100 lb. kegs.	6 50 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 50 0 65
" Paris.....	1 15 1 25

Oils:

Linseed, raw.....	0 63 0 55
" boiled.....	0 66 0 58
Olive, pure.....	1 10 1 15
" machinery.....	95 1 05
" extra, qt., per case.....	3 00 3 25
" pts.....	2 50 2 60
" 1/2 pts.....	2 75 3 10
Spirits turpentine.....	0 67 0 70

INDEX TO ADVERTISEMENTS

IN THE CANADIAN ARCHITECT AND BUILDER.

ADAMANT WALL PLASTER.	Page
Adamant Mfg. Co.	II, vi
National Association	vii
ARCHITECTS.	
Ontario Directory	III
Quebec Directory	23
ARCHITECTURAL SCULPTORS AND CARVERS.	
Gullet, F. B.	ii
Holbrook & Mollington	ii
Johnson & Son, Wm.	ii
Mowbray, Thos.	ii
Turner Frederic	ii
Wagner, Zeidler & Co.	ix
Young & Collins	ii
ARCHITECTURAL IRON WORK.	
B. Greening Wire Co.	IV
Dennis, R.	xii
Ives & Co., H. R.	IV
Whitfield, John	II
ART FURNITURE.	
Scott & Son, W.	xi
ART WOODWORK.	
Wagner, Zeidler & Co.	ix
BEST GLASS MANUFACTURERS.	
Polito, T.	III
BUILDERS' HARDWARE.	
Aikenhead & Cronbie	vii
Rice Lewis & Son	IV
BRICKS (PRESSED).	
Hynes Terra Cotta & Brick Co.	vi
Morrison & Co., T. A.	iv
Toronto Pressed Brick & Terra Cotta Co.	iii
The Ontario Terra Cotta, Brick & Sewer Pipe Co.	xi
BUILDING STONE DEALERS.	
Britnell & Co.	II
Bristow Bros.	II
Brodie, James	II
Gillespie & Brooks	II
Lyall, Peter	iii
Morrison & Co., T. A.	iv
Rathbun Co.	vi
Vokes Malcolm Stone Co.	II

BUILDERS' SUPPLIES.

Adamant Mfg. Co.	II, vi
Adamson, Joseph	I
Morrison & Co., T. A.	iv
Maguire, William	iv
McNally & Co.	xi
Rathbun Co.	vi
CEMENTS.	
Adamant Mfg. Co.	vi
McNally & Co., Wm.	xi
Maguire, William	iv
McRae & Co.	iv
Morrison & Co., T. A.	iv
Rathbun Co.	vi
Terry, Edward	iv
Wright & Sons, C. B.	22
CHURCH AND SCHOOL FURNITURE.	
Bennet Furnishing Co.	IV
Canadian Office & School Furniture Co.	ii
Office Specialty Co.	iii
Pennington & Baker	xi
CHIMNEY TOPPING.	
Hansen, Harald M.	ix
CONSULTING ENGINEER.	
Barry, A. B.	III
CONTRACTORS AND BUILDERS.	
Andrews, Francis	II
Amess, James	23
Davidson & Kelly	II
Davis, H.	II
Davie, George	II
Dick, James, sr.	23
Dagenais, J Benjamin	23
Hood & Co., C.	II
Hancock, Thomas	II
Hannah Bros.	II
Humphrey, T. R.	II
Hamilton, Edward	23
Lyall, Peter	ii
Mortimore, Geo. T.	ii
Murison & Co., John	23
Pudifin, Wm.	II
Thomas & Howell	II
Turner & Co., G. W.	II
Webb, John E.	II
CUT STONE CONTRACTORS.	
Bristow Bros.	II
Curtis & Rowe	II
Hibbard, H. & T.	II
Isaac Brothers	II
Johnson & Son, Wm.	ii
Oakley & Holmes	II
ELECTRIC LIGHTING.	
Anderson & Co., A. T.	24
Royal Electric Co.	i
The Keegans-Milne Co.	22
ELEVATORS.	
Ives & Co., H. R.	IV
Leach & Turnbull	I
Miller Bros. & Toms	viii
ENGRAVERS.	
Canadian Photo-Eng Bureau	24
Kramer, W. J.	vii
Laidlaw, R.	24
Wiseman, James L.	24
FIRE BRICK AND CLAY.	
Colman-Hamilton Co.	vii
Wright & Sons, C. B.	22
GALVANIZED IRON WORKS.	
Baird Bros.	v
Douglas Bros.	v
Douglas & Haines	v
Douglas & Co., John	v
Hedges & Lankin	v
Ormsby, A. B.	xii
Tucker & Dillon	v
GRATES AND TILES.	
Earl & Co., Edward	ix
Holbrook & Mollington	ii
Rice Lewis & Son	IV
Scott & Son, Wm.	xi
Wright & Sons, C. B.	ii
HEATING.	
Barrow Stewart & Milne	x
Clare Bros. & Co.	v
Howard Furnace Co.	viii
King & Son, Warden	xii
McClary Mfg. Co.	v
Ormsby, A. B.	xii
Toronto Radiator Mfg Co.	x
Waterous Engine Works	xii
IRON FENCES.	
Toronto Drop Forge Co.	
LIME AND STONE.	
Wright & Sons, C. B.	ii
IRON PIPE.	
Ives & Co., H. R.	IV
LEGAL.	
Denton & Dods	III
MANTELS AND OVERMANTELS.	
Earl & Co., Edward	ix
Scott & Son, Wm.	xi

METALLIC LATH.

B. Greening Wire Co.	IV
MINERAL WOOL.	
Gast & Atchison	22
ORNAMENTAL PLASTERERS.	
Baker, J. D.	III
Hynes Terra Cotta & Brick Co.	vi
Littleford & Thorne	II
Wright, Jas.	III
PAINTERS.	
Dill & O'Hearn	III
Dunham, Frank T.	III
Gilmor & Casey	III
Hatch, W. J.	III
Polito, T.	II
Taylor, W. J.	III
PAINTS, VARNISHES, &C.	
Cottingham, Walter H.	IV
Muirhead, Andrew	vi
PAVING.	
Excelsior Pavement Co.	viii
Forsyth, Robert	viii
Gardner & Co., A.	IV
PLASTERERS.	
Fox, R. B.	II
Hynes, W. J.	I
Littleford & Thorne	II
Magill, E. T.	II
Watson Bros.	II
PLATE GLASS.	
McCausland & Son	v
Toronto Plate Glass Importing Co.	xi
PLUMBERS.	
Bennett & Wright	III
McCrae & Watson	II
PLUMBING SUPPLIES.	
Booth & Son	ii
Higman, O.	v
Malcolm, W. B.	i
St. Johns Stone Chinaware Co.	iii
ROOFING MATERIALS.	
Canada Galvanizing & Steel Roofing Co.	ii
Merchant & Co.	22
Metallic Roofing Co.	ii
ROOFERS.	
Baird Bros.	v
Duthie & Sons, G.	II
Forbes, Duncan	II
Hutson, W. D.	II
Metallic Roofing Co.	ii
Ormsby, A. B.	xii
Rennie & Son, R.	II
Saulter, Wm.	II
Shales, John H.	II
Stewart, W. T.	II
The Parmalee Roofing & Paving Co.	II
Toronto Roofing Co.	II
Williams & Co., H.	II
SHINGLE STAINS.	
Cabot, Samuel	x
SANITARY APPLIANCES.	
Booth & Son	ii
Earl & Co., Edward	ix
Higman, O.	v
Ives & Co., H. R.	IV
Malcolm, W. B.	i
St. Johns Stone Chinaware Co.	iii
SEWER PIPE.	
Hamilton and Toronto Sewer Pipe Co.	iv
McNally & Co., W.	xii
Maguire, William	iv
McRae & Co.	iv
Terry, Edward	iv
The Ontario Terra Cotta Pressed Brick & Sewer Pipe Co.	xi
The Colman-Hamilton Co.	22
Wright & Sons, C. B.	22
SLIDING BLINDS.	
Clatworthy, Geo.	viii
STAINED AND DECORATIVE GLASS.	
Castle & Son	v
Dominion Stained Glass Co.	iv
W. C. Barnes, Son & Gilson	iv
Elliott & Son	I
Grimson, G. & J. E.	iv
Longhurst & Co., H.	iv
McCausland & Son	v
Spence & Son, J. C.	iv
The Bell Art Stained Glass Works	iv
STRUCTURAL IRON WORK.	
The Dominion Bridge Co.	I
TERRA COTTA.	
Morrison & Co., T. A.	iv
The Hynes Terra Cotta & Brick Co.	vi
Toronto Pressed Brick & Terra Cotta Co.	iii
The Ontario Terra Cotta, Brick & Sewer Pipe Co.	xi
TERRA COTTA FIREPROOFING.	
Rathbun Co.	vi
The Montreal Terra Cotta Lumber Co.	vi
TOWER CLOCKS AND BELLS.	
Gillett & Johnston	viii
WALL PAPER AND CEILING DECORATIONS.	
Elliott & Son	II
Murphy, John	24