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Jan.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Jan.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Jan.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.																												
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# CONTRACTS

## CONTRACTS OPEN.

**LONDON, ONT.**—Reid Bros. & Co. will erect a factory.

**BEBE PLAIN, QUE.**—The Methodists intend to build a new church

**MARKDALE, ONT.**—The public school buildings were destroyed by fire March 28th.

**ARNPRIOR, ONT.**—The Germans of this place purpose building a Lutheran church.

**CHATHAM, ONT.**—The Board of Works have decided to purchase 200,000 paving bricks.

**INGERSOLL, ONT.**—The Baptists of this town have decided to erect a handsome new church.

**VICTORIA, B. C.**—John Weiler, furniture manufacturer, will expend \$10,000 in improving his premises.

**MILTON, ONT.**—Knox Church congregation will erect a new brick church during the coming summer.

**NEWMARKET, ONT.**—Mr. McKibbin, of Toronto, will build a new brick block on the old Phillips' property.

**WINNIPEG, MAN.**—It is said to be the intention of the Manitoba Government to establish a State university.

**WINDSOR, ONT.**—Tenders for the construction of the Windsor market extension will be advertised for in a few days.

**BROCKVILLE, ONT.**—Mr. G. A. Allan is preparing plans for a new school at West Winchester, and a town hall at Lansdowne.

**HEMMINGFORD, QUE.**—The old Methodist church is being torn down, and will be immediately replaced by a brick structure.

**BOWMANVILLE, ONT.**—A by-law for \$8,500 for the erection of the new high school was carried on March 31st by a majority of 166.

**REGINA, N. W. T.**—Preparations are in progress to rebuild with brick the stores and other business places recently destroyed by fire.

**SMITH'S PALLS, ONT.**—Mr. Martin is preparing plans for a large stone building to contain elevator, an oatmeal mill and a woollen factory.

**MIDLAND, ONT.**—A deputation has pressed upon the Government the necessity of appropriating a necessary amount for dredging this harbor.

**PLANTAGANET, QUE.**—The Montreal and Ottawa Railway Co. will build a bridge here. J. M. Shanley, 44 Imperial Building, Montreal, is chief engineer.

**QUEBEC.**—Tenders will shortly be asked for the erection of the proposed new hotel on the site of the Parliament Buildings, the estimated cost of which is \$200,000.

**TRENTON, ONT.**—A deputation from this town has asked the Government for an appropriation for dredging the ship channel between the Trenton and the Murray canal.

**GUELPH, ONT.**—It is understood that the vacant Chadwick property on the corner of Glasgow and Cork streets has been secured for a site on which a new Episcopal church is to be erected.

**LISTOWEL, ONT.**—Petitions from the Town Council, Board of Trade and citizens have been presented to the Government, praying for the erection of new public buildings to cost about \$20,000. The town offers a free site.

**COBOURG, ONT.**—It is reported that the work of re-construction of the old Cobourg and Harwood railway will be commenced within a month, under the direction of a G. T. staff of engineers. There is also a prospect of the line being extended along the south shore of Rice Lake to Hastings, connecting at that point with the Grand Junction branch of the Grand Trunk.

**MONTREAL, QUE.**—The Bill incorporating the Montreal Bridge Co. has passed the Railway Committee of the Dominion Parliament.—The necessity of widening St. Antoine street is being pressed upon the attention of the Council.

**KINGSTON, ONT.**—A new engine house is to be erected from the plans of Mr. Newlands, architect, of a design similar to one of the Hamilton buildings.—The High School Board has asked the Council for an appropriation of \$25,000 towards the erection of the proposed Collegiate Institute.

**HAMILTON, ONT.**—The Street Railway Co. will erect new stables at the corner of Garth and Herkimer streets.—The by-law granting a bonus of \$275,000 to the Toronto, Hamilton and Buffalo railway has been sanctioned by a vote of the citizens. In consequence building operations promise to be very active.—A new central school to cost \$19,000 will be erected here.

**NEW WESTMINSTER, B. C.**—A large sum has been voted towards providing suitable grounds and buildings for a permanent exhibition.—The Water Commissioners have decided to adopt the reservoir system. J. T. Fanning, of Minneapolis, Minn., has been engaged as consulting engineer to report upon the plans and specifications now under consideration, and upon his approval of them, bids will be asked for at once for constructing the work. Arthur E. Hill has been appointed engineer in charge of the works.

**TORONTO, ONT.**—The 1890 estimates of the Sites and Building Committee provide for additional accommodation at the following schools: Church street, building \$30,000; northeast part of St. David's Ward, building \$30,000; Orphans' Home, building \$10,000; Girls' Home, building \$5,500; Brant street (enlargement), building \$7,500; Bolton Avenue (enlargement), building \$12,000; Phoebe street (enlargement), building \$10,000; alterations to offices, \$3,000; Borden street (new school), building \$30,000; Queen street east, building \$1,600. Repairs \$20,000. There will be supplementary estimates for the McCaul, Huron and George street schools. The committee also recommend that a lot be purchased next to the Duke street school for the residence of the caretaker.—The Young Women's Christian Guild will at once take steps to raise money for the erection of a building suited to their requirements.—The project to erect a new hotel on the Island is being vigorously pushed.—The question of remodelling Berkeley street fire hall is under consideration by the Property Committee.—The Committee of Management of the Homoeopathic Hospital and Free Dispensary Association have under consideration the question of the erection of a building.—The City Engineer has been asked to report upon the various kinds of pavements and give all possible information in regard to permanent roadways, so that the best recommendation can be made to improve the present condition of the city's three leading business thoroughfares.—A sub-committee has been appointed by the Fire and Light Committee to consider the recommendation of the chief of the fire brigade that Bay street fire station be replaced by a more suitable structure.—The following building permits have been granted: John Shanklin, 2 storey bk. add. 349 Spadina Ave., cost \$1,000; 2 storey and attic bk. residence, 351 Spadina Ave., cost \$1,750; Mrs. Faircloth, pr. 2 storey bk. fronted dwells., 221 Ontario St., cost \$3,000; W. E. Southgate, 2 storey bk. add. 31 Spadina Road, cost \$1,000; Wm. Davidge, 3 storey bk. add. to 692 Bathurst St., cost \$2,300; A. McDonald, a storey and attic bk. dwell., n. e. corner Gladstone Ave. and College St., cost \$2,100; Jno. Damp, alterations 512 Church St., cost \$1,500.

## CONTRACTS AWARDED.

**MONTREAL, QUE.**—Ross Brothers, of this city, have been given the contract for painting, glazing and oil-finishing the new Canada Life building in Toronto.

The following are the accepted tenders for North Toronto branch of Imperial Bank building, R. W. Gambier-Bousfield, A. R. I. B. A., architect: Excavating, masonry and brickwork, \$149.00, vault, \$214.00, J. Muncu; carpenter and joiner, \$549.50, T. V. Gearing; painter and glazier, \$193.00, F. E. Phillips; plumbing and gasfitting, including additional work, \$192.50, J. K. Allison; hardwood counter and dado, including additional work, \$354.00, Wagner, Zeid'er & Co.; counter railing, \$441.00, Barnum Wire & Iron Works Co.; vault lining and doors, including additional work, \$600.00, Goldie & McCulloch; heating apparatus, \$295.00, Keith & Fitzsimons; hardware, \$44.00, Rice Lewis & Sons; decorative work, F. E. Phillips.

The contract for the interior fittings of the new Government buildings at Goderich has been awarded to Messrs. Tambling & Jones, of London, Ont., at \$1,100. Garth & Co., of Montreal, will put in the hot water heating apparatus for \$1,000.

Mr. James Cochrane, contractor, announces himself as an independent Liberal candidate for the Legislative Assembly in the new St. Lawrence division of Montreal.

With a horizontal cylindrical tube, the length and diameter being the same, the discharge will be the same as through a plain aperture. A horizontal cylindrical tube having greater length than diameter, increases the discharge, and the discharge will continue to increase until the length reaches four times the diameter.