

CALENDAR.						
1890	1890	1890	1890	1890	1890	1890
Jan.	Feb.	Mar.	Apr.	May	June	July
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

## CONTRACTS

### CONTRACTS OPEN.

**PORTAGE LA PRAIRIE, MAN.**—The Portage Electric Co. will build a central station.

**HALIFAX, N. S.**—The Board of Works has decided to borrow from \$25,000 to \$50,000 for sewerage purposes.

**GUELPH, ONT.**—F. C. Greenside, V. S., will receive tenders until 6 p. m. to-day (26th inst.) for the erection of a brick office.

**ST. MARY'S ONT.**—Plans and specifications are being prepared for the erection of a four-roomed addition to the central school.

**NORTH TORONTO, ONT.**—A by-law is about to be submitted to the people to provide for the expenditure of \$63,000 for water-works.

**ALEXANDRIA BAY.**—A site has been donated by Judge Donahue upon which a stone church is to be erected, costing about \$6,000.

**BRANTFORD, ONT.**—Tenders will be received by the city clerk until noon on Monday, Aug. 4th, for the construction of 2,500 feet of stone flag sidewalks, also for the construction of asphalt and wooden sidewalks.

**WINDSOR, ONT.**—Surveys are being made preparatory to the construction of an electric railroad from Walkerville to the Michigan Central railroad.—Mr. Anderson, of Xenia, O., is looking for a suitable location upon which to build a hominy flake factory.

**OTTAWA, ONT.**—A syndicate in which W. H. Howland, of Toronto, is interested, in connection with their proposal to construct a street railroad here, has offered to build a bridge across the Ottawa and extend the railway to Hull, if the city will guarantee the bridge bonds.

**W. TORONTO JUNCTION**—The ratepayers have given their approval to the by-law to borrow \$8,000 to complete the fire halls and complete an electric fire alarm.—A Committee of the Council has been appointed to consider the advisability of supporting the application of the Electric Street Railway Company for a charter.

**SARNIA, ONT.**—The need of new water-works is very much felt here.—Jos. Hickson, President of the St. Clair Tunnel will receive tenders at his office, Montreal, until noon on Saturday, August 9th, for the earthenwork and masonry required for the formation of the approaches to the St. Clair Tunnel at this place. All information obtainable from the Tunnel Company's Engineer at Hamilton, Ont.

**LONDON, ONT.**—New tenders will be asked for the construction of an extension to the boiler house at Springbank.—The Fire and Light Committee recommend that they be authorized to advertise for a plant capable of lighting the city either with a 1,000 candle power or 2,000 candle power, or both combined. Also for tenders for contracts for lighting the city, as a whole or in sections, with one or two thousand candle power, for a term of years.—Several sites for a new fire hall have been submitted to the Council.—Tenders are to be invited for electric plant capable of lighting the city, and also for lighting it by contract.

**MONTREAL, QUE.**—The Street Railway Company proposes to construct stables at Cote St. Louis.—The ratepayers of Cote St. Antoine have by their votes approved of the by-laws authorizing the town to borrow \$350,000, to be used in the construction of sewers, and to secure outlets for the drainage of the town and other improvements; and \$100,000 for the purchase of the property of the Water Company.—It is proposed to re-decorate the whole interior of St. James Church on St. Denis street.—A Committee of the general hospital Board has been appointed to consider the plans for the new wings, and report upon the whole matter of extending the accommodation of the hospital.

**HAMILTON, ONT.**—Mr. Edwards, architect, is preparing plans for a residence for Mr. F. B. Griffith. The site selected is the corner of James and Herkimer streets. The cost will be about \$15,000.—Mr. Mills, archi-

tect, has in course of preparation plans for a five storey and basement brick fire-proof office building for Thomas Myles & Son, to be erected at the corner of Main and Hughson streets. It will be heated by steam and will contain vaults on each floor.—The following building permits have been granted: Thos. Appleton, three-storey bk. dwelling on Vine street, between Macnab and James, cost \$2,500; Bark of Hamilton, alterations on building on James street, between King and Main, cost \$3,000; J. M. Rousseaux, two-storey house on James street, between Augusta and Young, cost \$4,000; J. S. McMahon, alterations on building on Emerald street, between Main and Hunter streets; Wm. Mills, addition to a bk. building on James street, between Young and Maria, cost \$700; Geo. C. Morrison, addition to workshop on Caroline street, between Barton and Stuart st.; R. O. Bigelow, three brick buildings on Murray street, between Murray and Barton sts.—Senator Sanford will make alterations to his residence costing from \$15,000 to \$20,000.—The Wentworth Gas and Oil Company have received permission to lay underground pipes in the city.—James Balfour, architect, will receive tenders until noon, 30th inst., for alterations and additions to dwelling.

**TORONTO, ONT.**—The grand stand at the Exhibition ground will be enlarged to hold 1,000 more people.—The Fire and Light Committee has decided to ask tenders for lighting the city entirely by gas, 5,000 lamps or more, and for electric lighting, 1,200 or more arc lights. An alternate tender for 2,000 gas lamps and 800 arc lights will be asked for, to be placed anywhere within the city limits. The contracts will be placed for two or three years.—The Property Committee of the Collegiate Institute Board has selected a design from among the number submitted in the recent architectural competition, and has recommended its acceptance by the Board.—The Minister of Public Works for Ontario will receive tenders until noon on Aug. 1st, for additional pipes and hydrants for fire protective purposes at the Asylum for the Insane, London, Ont., construction of water closets, partitions, etc., at the Normal School, Ottawa, steam heating for addition and main building and erection of additional stories to wings of main building, School of Practical Science, Toronto.—The following building permits have been granted: J. Boddy, alterations to 650 to 654 Spadina Ave., cost \$3,000; Jos. Stinson, pair 3-storey bk. stores, 377 to 379 Parliament St., cost \$7,000; Geo. Peckham, additions to 22 Mutual St., cost \$1,200; A. Harvard, pair s.d. 2-storey and attic bk. dwellings, Fuller Ave., cost \$6,500; F. E. Stephenson, two pair 2-storey and attic bk. dwellings, Homewood Ave., cost \$10,000; John Bain, additions to 91 Wellesley St., cost \$2,500; W. D. Matthews, 2-storey and attic bk. and stone dwelling, St. George St., cost \$17,000.—The City Treasurer has been empowered to issue debentures for \$10,500, for the ground required for extension of the free library.

### CONTRACTS AWARDED.

**WIARTON, ONT.**—The contract for the construction of an extension of the breakwater has been awarded to Mr. D. Porter of this town.

**ST. THOMAS, ONT.**—Mr. Henry Lindop has received the contract to construct the dwellings required for the employees of the new waterworks.

**AYR, ONT.**—The tenders for the public school have been awarded to James Gillard, Woodstock, for the carpenter work, and Whitehead & Fairfax for the brickwork. The contract price is \$6,000.

**GALT, ONT.**—Goldie & McCulloch have been awarded the contracts for burglar-proof vaults for Finance Department, Ottawa, also for La Banque Nationale, Sherbrooke, vaults and doors for Sun Life Assurance Co. building at Montreal, and large safes for Lake of the Woods Milling Co., Consumers' Cordage Company and the E. D. Horner Banking Agency, established in the New York Life building, Montreal.

**COMPRESSED AIR LIFTS IN PARIS.**—Compressed air is being applied to machinery in Paris upon the Popp system with conspicuous success. The Parisian Compressed Air Company has just introduced a lift having this motive power, and is being tried at the Bourse du Commerce, and at one or two of the principal hotels. Its main recommendation is that the cost is about one-half that of hydraulic lifts, and that the expense of working is proportionate to the weight of material raised. The principle of the lift is very simple. The lift is worked upon compressed air, which operates upon water. When the compressed air is admitted, it enters a water chamber. The water in the chamber is forced out under the lift ram or piston, which is driven upwards. On the descent of the lift the water flows back again into the chamber, so that the action is very easy and gradual. By this method the power exerted can be regulated at will, and the lifts now in use in Paris are employed both for lifting persons and for raising machinery and similar heavy goods. The same company has also laid down an installation in the Bourse du Commerce for refrigerating purposes, the air being maintained at a low temperature by expansion of compressed air.