

| CALENDAR. | | | | | | |
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| 1890 | 1890 | 1890 | 1890 | 1890 | 1890 | 1890 |
| Jan. | Feb. | Mar. | April | May | June | July |
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CONTRACTS

CONTRACTS OPEN.

SINTALUTA, ASSINIBOIA.—H. Rowe will erect a hotel building to cost about \$15,000.

AMHERSTBURG, ONT.—D. L. Wigle is asking for tenders for a new brick and stone store on Dalhousie street.

WOODSTOCK, ONT.—A by-law appropriating money for the improvement of the water-works system will be voted upon in August.

BRANDON, MAN.—A by-law to raise \$50,000 for the erection of a city hall and hospital has received the sanction of the ratepayers.

MILTON, ONT.—Dr. Robertson will receive tenders until July 10th for all trades required in the erection of a new Presbyterian church.

GALT, ONT.—Willis Chipman, C. E., estimates the cost of a system of water works for this town at \$125,000. The town council propose to carry out the enterprise.

DIGBY, N. S.—Mr. Purcell, M. P., after having interviewed the chief engineer of Railways and Canals at Ottawa, states that the construction of the Digby and Annapolis Railroad will be completed the coming fall.

MORRISBURG, ONT.—Tenders are asked by the Department of Railways and Canals, Ottawa, until July 23rd, for the works required in the enlargement of the Rapide Plat canal. All information obtainable from resident engineer's office, here.

OTTAWA, ONT.—At a meeting held here a few days ago of Directors of the Great Northwest Central Railway, it was decided to build an additional one hundred miles of road this year—Plans are being prepared for a new dairy building in connection with the Experimental Farm.

LONDON, ONT.—A deputation of aldermen are on a visit to several Canadian and American cities to inspect their fire protection and light systems, the purpose being to improve these departments of the city service.—The City Engineer wants tenders for a steam boiler for the water works at Springbank.

ST. CATHARINES, ONT.—The Provincial Natural Gas and Fuel Company have decided to proceed at once to construct pipe lines to this city, Merriton, Thorold, Welland and adjacent places. American pipe manufacturers are making offers for supplying the large quantity of pipe required. The contract has not yet been awarded.

HAMILTON, ONT.—Mr. Edwards, architect, has prepared plans for a building for the Royal Templars. The cost will be in the neighborhood of \$40,000.—The Board of Works recommends the expenditure of \$800 on the improvement of Wentworth street.—C. W. Mulligan, architect, will receive tenders until noon on July 3rd for the erection of two warehouses.

KINGSTON, ONT.—Plans have been prepared for a four room addition to the Brothers' school.—The county Councils of Frontenac and Leeds have appointed committees to consider a scheme for building county refuges.—It is expected that a new barracks building will be erected in connection with the Royal M. C. this year, Parliament having granted an appropriation of \$10,000 for the purpose.—Tenders will be received at the Department of Public Works, Ottawa, until July 28th, for erecting a wrought iron caisson for the dry dock in this city.

MONTREAL, QUE.—The following building permits have been granted. James Simpson, two 4-storey bk. dwellings, 104 and 106 St. George St., Walter Livermore, architect; Geo. Wilkins, brick and stone extension to dwelling, corner of Dorchester and Stanley sts., cost \$3,000; T. S. Vipond, four stone dwellings, Bagg St., cost \$2,500 each, Fowler & Bowe, architects; Miss Blake, two 3-storey stone dwellings, Dorchester, near St. Philip st., cost \$4,000 each, Fowler & Bowe, architects; Jeffrey & Henderson, shop and two dwellings, 828 and 830 Dorchester St., cost \$3,800.—A committee has been appointed by the Board of Trade to advertise for plans, arrange

finances, etc., in connection with the erection of their new building.—The trustees of St. Matthew's Presbyterian Church will raise by mortgage \$12,000 to aid in the completion of their church building.—A meeting of the congregation of Erskine Presbyterian Church will be held on July 2nd, to take into consideration a proposal to purchase the lot at the northeast corner of Sherbrooke street and Cote des Neiges road as the site for a new church should the congregation decide to move west.—The Protestant ratepayers of the east end, at a meeting held a few days ago, resolved to appoint a committee to act with the School Commissioners in selecting a site for a new school to replace Panet Street school.

TORONTO, ONT.—A company just organized will build a glue factory at Mimico.—The following building permits have been granted. Thos. Dean, 2 storey brass foundry, Richmond St. west, near Simcoe, cost \$2,000; Jno. H. Reeks, pair att. bk. fronted dwellings, Duchess St., near Berkeley, cost \$2,500; Jas. Joslin, three att. 1-storey and mansard bk. fronted dwellings, Darling Ave., cost \$2,000; Mr. Curran, pair 2-storey and mansard bk. fronted dwellings, St. Patrick St., near Spadina Ave., cost \$1,800; Trustees Ladies College, Bloor St. west, bk. additions, cost \$3,000; Mr. Ward, alterations to store 104 Adelaide St. east, cost \$1,400; Gardner & Hess, pair 2-storey and attic bk. fronted dwellings, 25 Caer Howell St., cost \$1,500.—The sum of \$17,000 has been set aside by the congregation of the Central Methodist church, Bloor St., for the improvement of the building externally and internally.—A site has been purchased on the corner of Pape and Norfolk avenues for a new police station.—It is said to be the intention of the Dominion Piano Co. to erect a large factory at Mimico.—The Young Women's Christian Guild will shortly decide upon a site for their proposed new building.

CONTRACTS AWARDED.

MOORETOWN, ONT.—The tender of J. Whyte, Bridgen, for the erection of the new Presbyterian church has been accepted.

HALIFAX, N. S.—Ald. Keefe's tender for the New Brunswick street school building for \$29,000 has been accepted.

MONTREAL, QUE.—Willoughby Bros. have been awarded the contract for the erection of the new Presbyterian church at Arnprior, Ont.

LEGAL DECISIONS.

The Supreme Court of Pennsylvania has rendered a decision that where contractors agreed not to file liens against a building or the estate involved, that the sub-contractors were prevented from filing any liens for their own protection. As the court stated it, "sub-contractors were bound to do just what their principal was bound to do, because they assumed to perform his contract with the owner to the extent of their undertaking," and were bound by his limitations. This is good law and good sense, and should have general acceptance. However unjust it may be for builders to lose their risks, it is still more unjust for an owner to be rendered liable for bills which he has otherwise provided for and paid, because the first may be guarded against by due vigilance, while in the second, no care upon the part of an owner, would suffice to protect him.—Stone.

A steam pipe cement can be made with linseed oil varnish, ground with equal weights of white lead, oxide of manganese and pipe-clay.

The tallest chimney in the United States, and the fourth tallest in the world, has been completed at Fall River, Mass., for the Fall River Iron Company, and is designed to meet the requirements of the entire steam plant of four new mills. An idea of its size and magnitude of the operation of constructing it, will be gained from the facts that it is 350 feet high, 30 feet in diameter at the base, and 21 at the top, with a 11 foot flue. 1,700,000 bricks, 2,000 tons of stone, 2,000 barrels of mortar, 1,000 loads of sand, and 1,000 barrels Portland cement were used in building it. The chimney cost \$40,000. It will supply a draft for 30 boilers, which supply steam for four triple expansion engines of 1,350 horse-power each. After the work reached a certain height it was of course necessary to establish communication with workmen below, and a system of electric signals was employed, and found to be admirably suited for the purpose. It will not be very long before we shall not only see this application of electricity in building operations, but the cumbersome and noisy donkey engine replaced by the smooth running electric motor hoist. Although it has not yet come into general use, its success, where it has been tried, is such as to warrant the belief that its operation, like the many other new applications of the electric current, will be a question of a very short time.