

support the piers. The structure itself will be of steel.—A syndicate of local men propose to reclaim about 1,000 acres of marsh land near this town.

MONTREAL, QUE.—The Harbor Commissioners invite tenders until Tuesday, the 31st inst., for the supply of timber and planks required for next year. Address, Alex. Robertson, Secretary.—The Board of Governors of the Protestant Hospital for the Insane will ask permission from the Government to issue bonds for \$35,000 for the erection and equipping of more buildings, present ones being inadequate.—The Provincial Government will be required at no distant date, to either enlarge the present court house or erect a new building.

HAMILTON, ONT.—The sewerage committee has adopted the report of Mr. Kuickling, C. E., of Rochester, relative to the abatement of the east end trouble. The idea is to divert the sewage from Wentworth street, at a cost of \$25,000.—The City Engineer estimated that the cost of constructing a brick sewer from Wentworth street to the proposed site for a pumping station near the foot of Victoria avenue, with a three foot steel pipe into 30 feet of water, would cost \$51,000, and that the extension of the east end sewer by a steel pipe into deep water will cost the same amount.—Building permits have been granted as follows: R. Smith, two-story brick dwelling on Erie avenue, cost \$1,200; James Millman, two storey brick dwelling on Oak avenue, cost \$1,000.

QUEBEC, QUE.—A division has been made of St Roch parish, and a new church will be erected, the plans for which are said to be prepared.—E. Berliquet, architect, of this city, at the request of the Right Revd. Dr. McDonald, has prepared plans for a new Roman Catholic Cathedral, to be erected in Charlottetown, P.E. I., at a cost of between \$80,000 and \$100,000.—A deputation waited on the Provincial Gov't recently requesting that action be taken at once to extend the Quebec and Lake St. John railway to St. Alphonse. The Government promised consideration.—A company to build a cold storage warehouse here is being formed.—The provincial government has been asked to grant financial aid to complete the Montford railway.—D. Ouellet, architect, will call for tenders next week for the erection of a convent.

OTTAWA, ONT.—It is the intention of the Department of Railways and Canals to shortly call for tenders for the section of the Trent Valley Canal between Peterboro and Nassau.—Messrs. J. W. McKrae, Hector McKrae, Geo. P. Brophy, John Brophy, and S. H. Fleming have purchased a plumbago mine about eight miles from Calabogie, and will operate it next spring.—A movement is on foot here for the establishment of an institute for trained nurses in connection with the Roman Catholic hospital.—The following notices of applications to parliament for legislation next session have been given: by the Sault Ste. Marie and Hudson Bay Railway Co., for an extension of time; by the Ontario Peat Fuel Co., to operate a branch line of railway in Welland County; by the Kingston, Napanee and Western Railway Co., for an extension of time, to lease the line of the Bay of Quinte Railway & Navigation Co., and to build branch lines to the mineral districts; by the Thousand Islands Railway Co., for an extension of time and to run by electricity.—A free site has been offered to the Westinghouse Air Brake Co., of Pittsburg, to establish their proposed Canadian factory here.—At the January elections three by-laws will be voted on, one to establish a public library, another to grant \$40,000 for new exhibition buildings, and the third to grant \$45,000 for improvements to the fire protection, which includes the erection of a new station.—

The Building Committee of the Protestant Hospital Board have decided to call for competitive plans for the proposed addition to the hospital, not to exceed a cost of \$45,000. The addition will be built to the east end of the hospital, and will likely be fire proof.—The Dominion Government will again be requested to grant assistance towards the building of the Interprovincial bridge at Nepean Point. The city has granted \$150,000 and the Ontario Government \$50,000 towards the work.—M. Calderon, architect, desires tenders until the 31st inst., for the erection of a terrace of dwellings on Cooper street.

TORONTO, ONT.—The Northey Mfg. Co. are asking for tenders until noon today (Thursday) for the erection of two factory buildings. Plans may be seen at their factory, King street subway.—A committee of the City Council has been appointed to report on improvements to the Yonge street wharf.—The Court of Revision has confirmed petitions for a brick sidewalk on Queen street, south side, between John street and Spadina avenue, and a macadam roadway on Jarvis street, between King and Queen street.—The Council has given notice that an asphalt roadway will be constructed on first lane west of Yonge street, from Temperance street to Adelaide street, and on lane lying between Temperance and Adelaide streets, running westerly 313 feet. Estimated cost \$2,100.—A sufficiently signed petition for the construction of asphalt pavement on Berkeley street, between Gerrard and Carlton streets, has been received by the City Clerk. The petition for a new cedar block pavement on old foundation on Yorkville avenue still requires two signatures.

FIRES.

The premises of Williamson & Hilton, spice manufacturers, Winnipeg, Man., were recently damaged by fire to the extent of \$20,000.—The car factory of Patterson & Corbin, St. Catharines, Ont., was badly gutted by fire on the 20th inst. The loss is \$12,000, principally on machinery and car fittings.—David Price's hotel at Dunnville, Ont., together with store and dwellings adjoining, were burned on the 18th inst. Loss \$4,500.—The residence of John T. Rutledge, at Portage la Prairie, Man., has been destroyed by fire.—The railway station at Gracefield, Ont., has been burned.—The dwelling house of Wm. Forrest, at Eastwood, Ont., was destroyed by fire on the 19th inst. No insurance.—The vinegar works operated by S. Allen, at Norwich, Ont., were burned on Saturday last. Loss, \$30,000; insurance, \$10,000.—The fine residence of Dr. J. G. Yeman at Stratford, was completely consumed by fire on Monday last. Loss, \$6,000, mostly covered by insurance. Fire at Vancouver, B. C., on the 24th inst., gutted Cassidy's lumber and shingle mill and factory, Spicer's mill kiln and the British Columbia Cooperage Works. Loss \$56,000.

CONTRACTS AWARDED.

ST. STEPHEN, N. B.—The New Brunswick Red Granite Co. is supplying slabs for the city hall, at Philadelphia.

MITCHELL, ONT.—Geo. Woods of this place, has been given the contract for the new school house in school section No. 2.

TORONTO, ONT.—The Metallic Roofing Co. have supplied their embossed metallic ceiling for the Gendron Mfg. Co's factory throughout.

LEAMINGTON, ONT.—The tender of the Globe Furniture Co., of Walkerville, has been accepted by the School Board for school furniture.

ST. JOHN, N. B.—Thomas D. Adams will probably be awarded the contract for the construction of the Gulf Shore Rail-

way Co.'s line.—Whitman Brewer, of St. Mary's has been awarded the contract for building a bridge across Vaughan's Creek and for a breakwater.

OWEN SOUND, ONT.—The Owen Sound Portland Cement Co. have sold to Mr. Onderdonk, of Hamilton, 1,500 barrels of their Portland Cement.

FORT STEELE, B. C.—The contract for a tunnel on the Dibble group of mines, has been let to Scott, Brander and Dale. The length will be 200 feet.

KINGSTON, ONT.—The tender of the Canadian Locomotive and Engine Co. has been accepted for a new boiler for the waterworks plant. Contract price \$1,200.

BRANTFORD ONT.—The Waterous Engine Works Co. have been awarded a contract by the Peoples Heat and Light Co., of Halifax, for the construction of a coal elevator.

STRATFORD, ONT.—The contract for sewer pipes necessary for the extension of the sewerage system in this town has been awarded to the Hamilton and Toronto Sewer Pipe Co.

CHATHAM, ONT.—Park Bros., of this city, have been awarded the contract for pumps and machinery for the Dauphin drainage scheme in Tilbury. Operations will begin in the spring, and about 3000 acres of land will be reclaimed.

MONTREAL, ONT.—Tenders for the supply of 13,000 feet of hose have been awarded by the Fire Committee as follows: Canadian Rubber Company 5,000 feet Maple Leaf at 75c.; John Martin, Son & Co., 3,000 feet American Double Jacket at 92c.; A. W. Fleming, 3,000 feet Keystone; J. A. Ogilvie & Sons, Rob Roy Cable at 80c.; and B. J. Coghlin, Double X Multiple at 90c.

LONDON, ONT.—Contracts have been let as follows for works in connection with the new Bank of Toronto building: Brickwork and masonry, Ed. Martyn; carpenter work, Wm. Tytler. estimated cost, \$18,000.—W. Reath, of St. Thomas, has been awarded the contract by the Dominion Bridge Company, to construct the framework of the new iron bridges to be constructed on the L. & P. S. over Mill and Kettle Creek. The bridges will be almost 1,200 feet long.

SOME TECHNICAL TERMS.

Architrave.—That part of a column which lies immediately upon the capital, and is the lowest member of the entablature; the mouldings round doors and windows.

Archives.—A public building; the place where ancient records are kept.

Apex.—An angular point or tip, as the end of a spire on a church steeple.

Ashlar.—Free stones as they are brought from the quarry; the facing of square stones on the front of a building.

Asphalt.—A kind of bitumen used for cementing and giving firmness to stones, brickwork, etc., and for paving roads. It is found in a soft and liquid state on the surface of the Dead Sea.

Banker.—A stout bench used by bricklayers and stonemasons to prepare their bricks and stones for a building.

Bay.—A bulge, a recess in a wall, or window built out; is the same as bow.

Bead and Butt.—When the panels in joinery are beaded on the two sides only.

Bead and Flush.—When the panels are beaded all round.

Braces.—Pieces of timber used to brace or stay studding and principals.

Breastsummer.—A strong horizontal to support an upper wall.

Caisson.—A chest; a chest of timber floating between piles, and loaded with stones until it rests on the ground.

Camber.—Screwing up the center of a tiebeam so as to give the form of an arch for greater strength.

Cantilever.—A small beam transversely