

cedar block pavement on Church st., from Front to the Esplanade, cost \$3,250; brick walk on the west side of Bond st., from Shuter st. to Wilton ave., cost \$817; brick walk on the north side of Gould st., from Mutual st. to Church st., cost \$474; concrete walk on north side Queen st., from University st. to Simcoe st., cost \$670; concrete walk on the east side of Bay st., from Wellington to No. 77 Bay, cost \$380.—The City Clerk has received a sufficiently signed petition for a concrete sidewalk on the east side of Bay st., from Wellington st. northward.—Petitions have been received against the following works: Brick walk on Mercer st.; gravel roadway on Garden ave., from Sorauraen ave. to Roncesvalles ave.; gravel roadway on Dufferin st., between Peel ave. and Dundas st.; brick sidewalk on Lakeview ave., between Harrison st. and Churchill ave.—The Board of Works have passed a recommendation that a cedar block pavement be constructed on Arthur street, between Euclid ave. and Bathurst street—Ald. Hubbard has announced his intention of moving for the appointment of a committee to make arrangements with the Consumers Gas Company for a supply of gas to Island residents. It is proposed to construct a pipe along the marsh break-water and across the eastern channel.

FIRES.

The shingle, saw and grist mills of J. Woodruff, at Sydenham, Ont., were completely destroyed by fire on the 8th inst. Loss \$10,000, partially covered by insurance.—A brick Catholic church at Fort Augustus, P.E.I., was gutted by fire on Monday of last week. Loss \$20,000, insurance small.—The dwelling house, barn and store of W. A. Campbell, at St. Martins, N. B., has been burned. Loss \$2,500; no insurance.—The Palmerston Woollen Mills at Palmerston, Ont., owned by Mr. Waterhouse, were burned to the ground last week.—A number of buildings at Port Elgin, Ont., were destroyed by fire on the 12th inst. Among the burned buildings are Eby's drug store, with the G.N.W. Telegraph office, Ittner's grocery store, Hutton's harness shop, White's furniture store and Mrs. Campbell's residence.—A. M. Bell & Co.'s hardware establishment at Halifax, N. S., was destroyed by fire on the 11th inst. The building was owned by the Estate of E. Brown, and was badly damaged.—A disastrous fire occurred at Quebec on Saturday last, destroying the red brick building at the corner of Prince Edward and Cowan streets owned by J. M. St. Pierre. The loss is estimated at \$100,000.—The village of South March, Ont., on the Ottawa, Armprior & Parry Sound Railway, was almost totally wiped out by fire on Monday last. The loss is between \$40,000 and \$50,000, a small portion of which is covered by insurance.—The Deaf and Dumb Institute at Fredericton, N. B., a brick building erected a few years ago through the efforts of Professor Woodbridge, was consumed by fire a few days ago.—Warehouses at Charlottetown, P.E.I., owned by Brace, McKay & Co., were burned on the 10th inst.

CONTRACTS AWARDED.

HASTINGS, ONT.—The new town hall will be built by Doxsee Bros., their tender being \$4,088.

FREDERICTON, N.B.—Kitchen & Shea have secured the contract for placing a furnace in St. Dunstan's R. C. church.

AMHERST N.S.—Rhodes, Curry & Co. have the contract for stone for a large building to be erected in an American city.

COBDEN, ONT.—Ross township council have decided to purchase a road machine from the Good Roads Machinery Co., of Hamilton.

OTTAWA, ONT.—The tender of E. G. Laverdure has been accepted for putting in a new boiler at the city hall, at the price of \$270.

ROSEDALE, ONT.—The Central Bridge & Engineering Co., of Peterboro', have been given the contract for a new iron bridge to be built here.

WOODSTOCK, ONT.—H. H. Howell and S. J. Pole are the successful tenderers for the skating and curling rink, to be 175 x 81 feet. The contract price is \$4,542.

INGERSOLL, ONT.—Contracts for R. A. Skinner's dwelling and livery have been let as follows: Carpenter work, F. Richardson; painting, Lowry & Adair; tin-smithing and plumbing, Jas. Sinclair.

WINNIPEG, MAN.—John Girvin has received the contract for new warehouses for the Standard Oil Co., to be solid brick on stone foundation, one story and basement. One will be 40 x 80 feet and the other two 25 x 60 feet.

GUELPH, ONT.—L. C. Wideman, architect, has accepted tenders as follows for Thomas Newstead's residence. Excavating, masonry, lath and plastering, Shaw & Dunbar; carpentry, David Williamson and Matthew Lee; iron work, A. Rumford; painting and glazing, W. Scriven.

HAMILTON, ONT.—The contract for machinery for the sewage disposal works has been given to D. Ritchie, at \$4,985. R. & J. Poag, who tendered for carpenter work at \$1,639, made an error in their tender, and the contract has been awarded to F. Taylor, at \$2,030.—John Armstrong has been awarded the contract for building a sewer on O'Reilly street, at 22 cents per foot.

MONTREAL, QUE.—W. McLea Walbank, architect, has awarded the contract for reparations of ten houses on Terrace Molson for F. W. Molson to Lecompte & Son.—Smith & Bond, architects, have accepted the following tenders for a bank

building to be built on St Etienne street, Pointe St Charles, for Wm Mann: Masonry, John Quinlan; carpentry, D. M. Long; bricklaying, R. E. Edwards & Son—Walter Livermore, architect, has let contracts as follows for two buildings, store, dwellings and stables, on St. Matthew street, for Henry Russell: Masonry, Alp. Charette; carpentry, Jos. Ash; bricklaying, C. E. Wand.—Additions are being made to a house on Osborne street for Mr. Wm. Trenholme. Architect, Cajetan Dufort. Contractors: Masonry, H. Dufort; carpentry, Wm. McDonald.—Mesnard & Daoust, architects, have in hand a stone and brick cottage on Stanley street, for L. J. Gabowry; G. Guilbault, masonry contractor.

RESERVOIR FAILURES.

In a recent number of the Engineering News a description is given of the failure last July of two earthen dams having masonry heart walls erected at Melzingak by the Fishkill and Matteawan Water Company. The dams are stated to have been well designed and built, whilst the area of discharge over the by-washes was in accord with rules proposed by an eminent American engineer. The two dams were comparatively small, and were located one above the other on a mountain stream. The upper had a capacity of 8,000,000 imperial gallons, whilst the lower could impound 64,000,000 gallons. The upper dam was 340ft. long and 38ft. high, whilst the lower was 400ft. long and 34ft. high. In each case there was a masonry heart wall 3ft. thick at the bottom, tapering to 1ft. or 1ft. 6in. at the top, and

(Continued on Page 4.)

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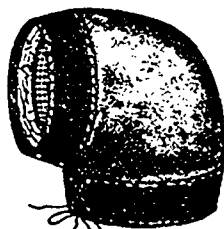
- THE McDONALD BUILDING, Victoria Square, Montreal.
- THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION BUILDING, Montreal.
- THE ROYAL VICTORIA COLLEGE, Montreal.
- THE PROTESTANT INSANE ASYLUM, Verdun, near Montreal.
- THE GRAND HOTEL, St. Hyacinthe, Que.
- THE NEW CUSTOMS-APPRAISERS STORES, NEW YORK, now building, which will consume 5,000 tons.
- THE PARLIAMENT BUILDINGS, OTTAWA, portion of which was recently destroyed by fire and rebuilt.

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