

gether with the building of the bridge, is to be carried out by the city.—W. C. McDonald has donated to McGill University a large portion of land in the municipality of Westmount, to be used for a new observatory and botanical garden. It is the intention of Prof. McLeod to visit San Francisco and Washington with the object of inspecting the observatories in those places. Tenders are invited until Tuesday, the 30th inst., addressed to A. Benoit, Secretary Department of Militia and Defence, Ottawa, for renewing in part with galvanized iron, the roof of the drill shed in this city. Specifications may be seen at the brigade office, Craig street. The Road Department has given notice of its intention to construct a sewer on Pantaleon street, from Prince Arthur avenue to Pine avenue.—The Bell Telephone Co. invite proposals until the 1st of May, addressed to C. P. Sclater, sec.-treas., for the purchase of \$214,000 of 5 per cent., thirty year debentures.—The congregation of Zion Church, who have been worshipping in a basement building, have decided to complete the superstructure this summer. It will be 80x56 feet in size, built of Montreal limestone, with a seating capacity of 600; electric lighting and hot air furnaces. Estimated cost, \$10,000.

TORONTO, ONT.—Mrs. Fuller will build a detached residence on the east side of the Dunbar road estate.—Plans of a new Methodist church to be erected at Cannington, Ont., are on view at the office of G. M. Miller, architect, 18 King street east.—Mr. J. W. Siddall, architect, has prepared plans for the rebuilding of the front portion, 100x80 feet, of Messrs. W. A. Murray & Co.'s store on King street. The front to the height of two stories will be constructed of stone, the remainder of the building of brick. The height of the building will be six stories. The cost of the improvements are estimated at \$60,000.—The estimates of the Collegiate Institute Board have been fixed at \$71,910. Of this amount \$12,000 will be expended for an eight-roomed addition to Jarvis street school, and \$1,100 for improvements to Harbord street school.—The Works Committee of the City Council are asking for tenders until Saturday, the 27th inst., for the supply of 3,000 tons of large egg coal.—The City Engineer will report next week on the question of a water supply for the Island. The cost of constructing a small pumping station and pipe around the Island is estimated at \$15,000.—The promoters for the proposed hospital for consumptives have been notified that the Provincial Government will place the new hospital on the list of those receiving public aid.—At a meeting of the Board of Works held on Monday last, the City Engineer presented a complete list of the streets upon which he recommended the construction of new pavements. The total length of the streets is about ten miles, and the work will cost upwards of \$375,000. The recommendations were sent on to the Executive Committee. The following is the list of streets, together with the class of pavement recommended: D'Arcy street, from Beverley street to Spadina avenue, and from Beverley to McCaul streets, brick; St. Patrick street, from McCaul to Huron streets, and from Spadina avenue to Huron streets, brick; Selby street, from Huntley to Sherbourne, asphalt; Argyle street, from Dundas street to Gladstone avenue, cedar; Beaconsfield avenue, from Queen to Saurin streets, cedar; Beverley street, from Queen to College, brick; Brunswick avenue, from College to Bloor, asphalt; Bellevue avenue, from College to Bellevue Place, cedar; Spadina avenue, from King to Front, asphalt; Spadina avenue, from King to Queen, asphalt; College street, from Beverley to Spadina, asphalt; College street, from Beverley to Yonge, asphalt; Huntley street, from Bloor to Earl,

asphalt; Henry street, from College to Baldwin, brick; Harbord street, from St. George to Huron, asphalt; Lisgar street, from Queen to Dundas, cedar; McCaul street, from Grange to Anderson, asphalt; McCaul street, from Anderson to College, asphalt; McCaul street, from Queen to Grange, asphalt; Parliament street, from Queen to Gerrard, asphalt; Prospect street, from Rose avenue to Parliament, brick; Amelia street, from Sumach to Parliament, cedar; Baldwin street, from Beverley to McCaul, brick; Baldwin street, from Beverley to Spadina, brick; Northcote avenue, from Queen to Saurin, cedar; Nassau street, from Lippincott to Bathurst, cedar; Nassau street, from Lippincott to Spadina, cedar; Sullivan street, from Beverley to Spadina, cedar; Bellwoods avenue, from Queen to Mansfield, cedar; Huron street, from College to Sussex, asphalt; Division street, from Spadina to Huron, cedar; Arthur street, from Bathurst to Euclid, brick; Berkeley street, from Gerrard to Carlton, asphalt; Brookfield street, from Queen to Maple, cedar; Howard street, from Sherbourne to Parliament, asphalt; Dovercourt road, from Queen to Dundas, brick; Gladstone avenue, from Queen to Dundas, cedar; Buchanan street, from Yonge to Teraulay, cedar; Charles street, from Church to Jarvis, asphalt.—The application of the Cobban Manufacturing Co for a site on the Esplanade on which to erect a new factory has been passed by the Property Committee, subject to the approval of the City Council.—The plans of Mr. J. W. Siddall, architect, has been accepted for a new Jewish synagogue to be erected on Bond street for the congregation now worshipping in the synagogue on Richmond street. The building will comprise an auditorium, with gallery over, having a seating capacity of 850. The school room will accommodate 500. The front will be of buff brick and terra cotta.—Voting will take place on Saturday, the 25th of May, on the by-law to raise the sum of \$277,000 for the purchase of an electric light plant, \$75,000 for a six-foot steel intake pipe across the bay, \$135,000 for 36-inch water main to the reservoir, and \$90,500 for smaller mains.—Tenders are invited by the Department of Public Works for Ontario, until Friday, the 10th of May, for the following works: houses for engineer and gardener, blacksmith's and carpenter's shop and ice house at Brockville asylum; experimental building

(Continued on page 4.)

WILLIS CHIPMAN, B. A. Sc.,
M. Can. Soc. C. E.; M. Am. Soc. C. E.;
M. Am. W. W. Ass'n.
CIVIL AND SANITARY ENGINEER
Water Works - Sewerage
Sewage Disposal
103 BAY STREET - TORONTO

J. McDOUGALL, C. E.,
ENGINEER OF THE COUNTY OF YORK
GENERAL MUNICIPAL ENGINEER
Consulting Engineer for Municipalities in regard to
Electric Railway and other Franchises.
Specialties: Bridges, Foundations, Electric Railways,
and Roads. Surveys made; Plans, Specifications and
Agreements prepared, and work superintended.
COURT HOUSE, - TORONTO.

JOHN D. EVANS, O.L.S.
MEM. CAN. SOC. C. E.
LAND SURVEYOR
Civil Engineer : Architect
and Patent Solicitor.
Special attention given to Consulting and
Municipal Work.
GRASS' BLOCK, FRONT ST., TRENTON, ONT.

JOHN GALT, C.E.&M.E.
(Member Can. Soc. C. E.)

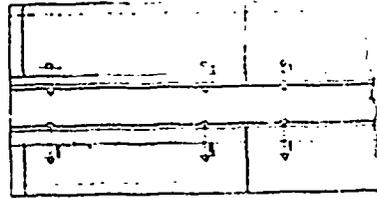
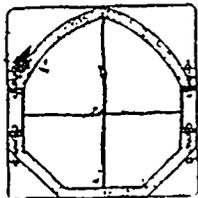
Consulting Engineer and Expert
Specialties:
Water Supply and Sewerage, etc.
Electric Power, Lighting, Railways, etc.
Offices:
Canada Life Building - TORONTO

ALAN MACDOUGALL
M. Can. Soc. C. E. M. Inst. C. E.
CIVIL AND SANITARY ENGINEER
32 East Adelaide St. - TORONTO

SURVEYS AND ESTIMATES PREPARED for all
classes of municipal work, water powers, road
improvement. Construction superintended.

GEO. WHITE - FRASER
C. E., D. T. S., A. AM. INST. ELEC. ENG.
CONSULTING
ELECTRICAL ENGINEER
Electric Railways and Electric Light.
SPECIALTY: Specification and Superintendence of
MUNICIPAL PLANTS.
18 Imperial Loan Building - TORONTO

HERCULES INDESTRUCTIBLE CULVERT



20 per cent. more water-way than circular form.
Unrivalled for
Strength . Durability
Cheapness.

Made in sizes of 20 in., 24 in., 30 in., 3 ft., 4 in. and 5 ft.

Write for prices to
EDWIN W. SMITH
344 Garth St., Hamilton, O.

**ARTIFICIAL
STONE
PAVEMENTS.**



**SIDEWALKS
A
SPECIALTY.**



CORPORATIONS

Will do well to consider our work and prices before letting contracts.

THE SILICA-BARYTIC STONE COMPANY OF ONTARIO, LTD.

Head Office: Ingersoll, Ont.

WALTER MILLS, General Manager,