

Navigation Co. has let the contract for hotel building at Murray Bay to W. W. Scott, of this city. The hotel will contain over 200 rooms and is to be completed by June 15th.—W. McNally & Co. are supplying over 10,000 barrels of high grade German Portland cement to the Engineering Contract Co., of Toronto, for their work at Chaudiere Falls, Que.

TORONTO, ONT.—The Board of Control last week awarded contracts as follows: Dominion Construction & Paving Company—Cedar block pavements—Bay street, Esplanade to Front street, \$1,475; Carlyle street, St. Patrick northward, \$561; Florence street, Dufferin to Brock avenue, \$1,675. Brick pavements—Markham street, from Queen to Arthur, \$11,613; Robinson street, Bathurst to Palmerston avenue, \$3,459. A. Gardner & Co.—Concrete pavements—Russell street, north side, between St. George and Huron, 67c.; and Queen street, south side, west of Simpson's, \$1.75. City Engineer, pavement on lane south of Front street, between Yonge and Scott, \$1,540; John McGuire, pipe sewer on Golden avenue, \$516.

BUSINESS NOTES.

Gauthier & Caron, contractors, Montreal, have dissolved partnership.

Dandeneau & Turcotte have registered partnership as plumbers in Montreal.

Peter Mittleholtz, brick and tile manufacturer, West McGillivray, Ont., has been succeeded by John W. Hardy.

Lefavre & Taschereau have been appointed curators of the estate of A. Beudet, brick manufacturer, St. Jean des Challeons, Que.

John Burns & Co., plumbers and manufacturers of steel ranges, Montreal, have made a voluntary assignment, with liabilities stated to be \$7,749. Mrs. John Burns has been registered proprietress.

MUNICIPAL DEPARTMENT

AN OUTLINE OF THE SYSTEM OF GARBAGE COLLECTION AND DIS- POSITION IN THE CITY OF TO- RONTO.

By JOHN JONES, Street Commissioner

The total area of the city, including the bay and island, is 13,976 acres, of which 10,500 acres are occupied. The mileage of the streets is 258 3/4, and of the lanes or alleys about 75 miles, nearly all unpaved. Our population is about 230,000; the buildings number 41,500, of which 36,416 are dwellings, and the balance (5,082) business places.

For the operation of the scavenging service we have divided the city into two districts, eastern and western, each being in charge of an inspector, who also has charge of the street cleaning and street watering branches in his district. Those districts are again laid out in sub-divisions, the number of which throughout the city is 29. Each of these sub-divisions is again divided into "beats" or routes, one cart or team wagon being allotted to each "beat," from eight to twelve carts on an average being required for each sub-division. In order to ensure the proper performance of the work, and at the same

* Abstract of a paper read before the Municipal Improvement Association, Toronto, October, 1899.

time be able to locate any driver who may neglect his duty, or in other ways give cause for complaint, we have appointed one driver in each sub-division as head, or senior, over the others, who is held responsible for the work being properly performed in his particular sub-division, and whose duty it is to investigate and report on all complaints that may affect his staff of drivers, to the inspector of the district, by whom the facts are transmitted to the office. Moreover, each cart bears a number, whereby any dereliction of duty can be more readily traced to the right party. The central portion of the city, which is the most thickly populated, and contains most of the business houses, is covered by the carts twice weekly; the remaining section, comprising the residential portion and outskirts, have a weekly collection only.

Employed in this work we have 120 horses, with carts and wagons of varying capacities, all the property of the city, built and kept in repair at our own shops. We have three stables for our horses, one in the western, one in the eastern and one in the northern section of the city.

Coming now to the statistics for last year, we removed altogether 115,679 loads, of which 35,085 were garbage, and the remainder, namely, 80,594 loads, ashes. It may be well to explain here that the term garbage covers all substances that are combustible. Of pure garbage—that is, kitchen refuse—comprising animal and vegetable matter, the proportion of the aforesaid quantity removed last year was only about one-twelfth, or 8.33 per cent, the remainder consisting of brushwood and debris from lawns and gardens, clippings and waste ends of cloth, leather, etc., from factories and warehouses, waste paper, and odds and ends generally that will burn, all of which was disposed of at the crematories. It may be a matter of

(Continued on page 6.)

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