

A SCHEME OF SEWERAGE FOR THE CITY OF HALIFAX, N. S.

TO THE BOARD OF COMMISSIONERS OF CITY WORKS:

Gentlemen,—

In conformity with your instructions received in July last, I have gone very carefully into the consideration of the whole of the matters appertaining to the construction of a thorough system of sewerage for this city; and I submit herewith a plan (marked No. 4 A), upon which is shewn a system of sewers—in my opinion—not only suitable for our present requirements, but which will be sufficient when the whole district under consideration is thickly built upon.

The surveys were commenced on the 27th of July, 1875, at which date an assistant engineer was engaged, at a salary of \$100 per month, whose whole time has since been taken up in surveying, levelling, and plan drawing in connection with this scheme.

The amount of money granted by the City Council to prepare the plan referred to, was \$1,500, and the entire cost has been \$1,281.66.

The following is a list of the plans which it has been found necessary to prepare, and which are submitted with this report.

- No. 1 A. An accurate plan of the whole city on a scale of 400 ft. to the inch, with the elevations above city datum marked at all intersections of streets, at all changes of grade and undulations in the streets and roads.
- No. 2 A. A plan of the whole city, scale 600 ft. to 1 in., shewing all existing water courses and the water-sheds.
- No. 3 A. A plan, scale 600 ft. to 1 in., shewing all existing sewers, their approximate sizes and depths.
- No. 4 A. A copy of No. 1 A. (without the elevations), shewing the proposed new system of sewers, together with the old sewers.
- No. 5 A. A tracing, scale 400 ft. to 1 in., shewing the drainage areas of all the proposed sewers and the quantities of combined rain water and sewage which they are calculated to discharge when running half or two-thirds full according to the nature of the district.