ting a sewer into short pieces (as this is) has its objections, by necessitating what may be called dead ends, of which there are in this street four,—one at the junction of Agricola with North Street, two about the centre of Bayers Street, and one at the junction of Purk Street with Cogswell Street. The objection is, that by commencing a sewer at a summit, there can be no surface water entering it, and there must necessarily be but very little water to keep it clean, and it may be necessary to have recourse occasionally to the Water Works supply by a hose. The advantage of these sewers is, that deep cutting (necessarily expensive) is avoided. I have, where possible, made such dead ends on the steep grades, where there will be no difficulty in keeping them clean.

There are a number of places where these dead ends occur in the low grades that may be avoided if the rock does not interfere, but the inconvenience attending them is not such that I should recommend a large outlay for the sole object of avoiding them.

CITY STREET

is drained by a sewer commencing at the summit of North Street, which is of the size marked No. 8 (2 ft. \bowtie 1 ft. 4 in.), as far south as West Street, and from Cogswell to Faulkland Street; the remainder is No. 7 size (2 ft. 6 in. \bowtie 1 ft. 8 in.) If the sewer now built in Faulkland Street is of sufficient eapacity, the whole of City Street, with streets lying west, will be drained into it; and if not, that part lying north of Cornwallis Street will be drained into Cornwallis Street; but I would recommend the first, from the large concentration on Brunswick Street from Cornwallis Street to Proctor's Lane.

GOTTINGEN AND CREIGHTON STREETS.

These are similar to City Street, excepting that those parts of these streets laying north of Cornwallis Street will empty into Cornwallis Street, and the remainder into the Faulkland Street sewer.

MAITLAND STREET.

From its short extent, there is only needed a No. 8 size (2 ft. \bowtie 1 ft. 4 in.), which empties the same as Gottingen and Creighton Streets.

BRUNSWICK STREET.

From North Street to Gerrish Street, No. 7 size $(2 \text{ ft. 6 in. } \bowtie 1 \text{ ft. 8 in.});$ to Cornwallis Street, No. 6 size $(3 \text{ ft. } \bowtie 2 \text{ ft.});$ to Proetor's Lane, No. 3 size (3 ft. diam.) My reasons for enlarging this sewer are :

At the north end there is a large space lying between this street and Gottingen Street, that until another opening is made between them, the Brunswick sewer will have to drain; and in ease the fields north of North Street are built upon, this sewer may have to accommodate them.

From Cornwallis Street to Proctor's Lane, a distance of 700 feet, and with a grade of 1 in 157, the size is No. 3 (3 ft. diam.), consequent on the large concentration here to ensure self-cleansing.