tradesmen. I should here state, that of late years, and for the purpose of saving expense, Gas holders have almost universally in this country been erected out of doors. But from extreme frosts in Halifax, which in all probability would freeze the water in the tanks if not within a house, I have, agreeable to Mr. Grieve's suggestions, included in your estimates, a house for the Gas holders.

For the purpose of embracing every enquiry in your letter, I have classified the whole under 5 distinct heads or Queries, viz :—

Query 1st—Probable expense to put the work in full operation ?

Query 2d—At what rate per foot or ton can main pipes and collateral branches be got ?

Query 3d—At what rate can such be added, from time to time, as may be required ?

Query 4th—The rate at which Posts and Lamps for Streets can be purchased and fitted up ? and to this query Mr. Grieve suggests I should inform you of the prices of inside fittings for houses, &c.

Query 5th—The annual expense for Gas for each street Lamp?

I now answer these queries in their order.

Answer to Query 1st.—In the estimate for Gas work erections, I have assumed 18 Retorts, which, when ordinary or average quality of coal is used, may, when in full operation, produce about 60,000 cube feet of Gas every 24 hours. Two Gas holders, each 40 feet diameter by 16 feet deep cube contents about 20,000 feet each, powerful condensers. Tar vaults. Purification by means of cream and dry lime. From all the information I can collect of the population of, and the purposes for which Gas will be applied in Halifax, I am of opinion that the size of apparatus is more than sufficiently large for the present demand in Halifax.

Answer to Query 2d—The price of main and other Pipes I assume to be the price they are to be purchased at in Britain —plus the freight and charges. I have measured by the scale the streets marked in the plan with red ink. The name and length of each street is given in yards of three feet to the yard.