

age, and your Surveyor begs leave to suggest that an early application be made to the Legislature, to have an act passed, enacting that these matters shall be settled by arbitration, when the parties can not arrange matters amicably.

The features of the ground in the Upper Town and in St. John's ward, is such by its elevated position, that sewers and drains will keep clean without using artificial means. But in St. Rochs and the Lower Town, the want of declivity will compell a resort to those means. Seeing however that the Engineers who where examined before the commissionners aforesaid, all agree that the cleaning of Sewers, by sending men into them, with wheel Barrows, was "a monstrous evil" which should be stopped, in as much as the system of flushing is sufficient to clean them, your surveyor is of opinion that the dimensions of sewers ought to be calculated on the quantity of water which is supposed to pass through them, rather than with the view to send men in, to clean them. Therefore, sewers should not be under 18 inches, nor above 36 inches wide, by from 24 to 54 inches high, as the case may happen.

All the sewers ought, as much as practicable, to be placed in the center of the street, and at a sufficient depth that the bottom of the water pipes may be safely fixed on a level with the top of the sewers, without any risk of freezing; and this excavation will average 8 feet by from  $4\frac{1}{2}$  to 6 feet.

With regard to surface water, it appears from experience, that it is preferable to faciliate its exit through the water courses, along the foot ways, than to permit it to