

by means of which gas, water or other pipes may be laid down, and also the house service-pipes connected therewith, without disturbing the pavement. The main sewer is under the central subway and connected by the side subways with the house drains.

THE FOUNDATION FOR THE PAVEMENT.

If the provision for drainage of the soil be perfect, the usual sand foundation, as adopted in Toronto and most other cities, can hardly be objectionable so far as the public health is concerned, yet doubtless with a dryer and more solid foundation there would be less tendency to decay of the lower ends of the blocks; but will this sand foundation prove to be the most economical in the end? In London, Eng., they make a foundation of macadam or concrete to a depth of 6 or 8 inches, solidified with heavy rollers, making an even surface, sometimes including an asphalt mixture on the top of the macadam. The foundation must be crowning in the centre, so that it will dry rapidly after being wet. As the *N. W. Lumberman* has it, "the secret of a good wood block pavement is in the formation of a solid foundation from which the water can quickly drain after a rain-fall;" and "preferably the top should be water-tight." Such a foundation as above mentioned, as made in London, would last for ages and the renewing of the blocks from time to time would be a matter of comparatively little expense.

THE PAVEMENT ITSELF

Should consist of blocks of perfectly sound, live timber, if of pine, free from sap, and all interstices should be well filled with gravel, and better, well cemented; the whole being retained by curbstones. It is recommended that after the wear of a year or two or more, according to traffic, a second coat of gravel be put on, in order to restore the metallic surface gained by the tramping and rolling in of gravel by the horses and vehicles which pass over it, and which will wear off, more or less, in time. Such a pavement would wear out before there would be appreciable or injurious decay of the wood.

A strip of "boulevard" of a yard or two at least in width between the street pavement and foot pavement or sidewalk is a wise provision, not only as regards appearance—for the growth of grass, flowers and trees, but that there may be a much freer interchange of atmospheric air beneath and around the pavement and its foundation.