

## **Schedule E**

### **Standards for Sanitary Sewage and Storm-Water Collection Systems or Combined Sewer Collection Systems**

#### **1 Design**

- 1.1 Designs shall be in accordance with City of Vancouver standards and the sewer system in the subdivision shall be fully integrated with the City systems in adjoining areas.
- 1.2 Designs and plans shall be approved by the City Engineer prior to construction.

#### **2 Scope of Work**

- 2.1 The work shall include supply of all materials, equipment and labour for the installation of sewers, manholes, catch basins, catch basin connections and house sewer extensions to the property line, the whole to comprise a complete operating installation as shown on the plans to be supplied by the City Engineer.
- 2.2 The work shall include items which, though not shown on the plans or included in the specifications, may reasonably be inferred therefrom to be required.

#### **3 Basis of Cost Sharing**

- 3.1 Where the City requires the subdivider to provide larger pipes with extra capacity over that which would be required to serve only the subdivision, the City will contribute the additional cost estimated in the proportion that the gross area served by the pipe or pipes outside the subdivision bears to the gross area served by the extension of the same pipe or pipes within the subdivision.
- 3.2 The City Engineer shall determine the amount of the estimated additional cost referred to in Subsection 3.1.

#### **4 Rights-of-Way**

- 4.1 Where sewers are not in streets or lanes, the subdivider shall provide an easement acceptable to the City Engineer and covered by the City's standard easement agreement.

#### **5 Twin Sewers**

- 5.1 Twin sewers shall be installed in all new subdivisions in accordance with City of Vancouver standards.

#### **6 Inspection**

- 6.1 During construction and prior to acceptance by the City as part of its sewer system, the City Engineer may, from time to time make inspections, at the developer's expense, of all completed sewers and appurtenances.
- 6.2 Any inspection may, at the City Engineer's direction, include television inspection of the inside of all sewers except building sewer extensions and catch basin connections.

**7 Record Plans**

- 7.1 Careful record shall be kept of the work as constructed and a set of record plans and profiles prepared which show clearly locations, sizes and elevations of all pipes, manholes, hubs, wyes and any other information necessary to show the exact construction of the system. Note should also be made of the type of ground encountered.
- 7.2 A complete set of tracings of such record plans and profiles and two sets of prints shall be given to the City Engineer prior to acceptance of the sewer system by the City.

**8 Standards**

- 8.1 City of Vancouver sewer standards may be obtained from the City Engineer upon request.