

It provides for extraordinary requirements such as would be necessary in the event of several large fires occurring at one time throughout different parts of the city. When the demand for water would for several hours' time probably be in excess of the capacity of the supply mains, the reservoir would then provide for this deficiency and maintain the necessary supply during this time of exceptional draft.

In addition to the above duty, it will contain a sufficient storage to maintain the supply to the present population for about three days' time, in the event of an interruption in one of the supply mains from either the Capilano or Seymour Creek.

The one 24-inch pipe into this reservoir acts both as inlet and outlet, and is provided with a balanced valve inside of the reservoir.



consisting of a vertical 24-inch pipe suspended within a steel tower, by which arrangement the outflow from the reservoir can be shut off when desired and any additional connections or repairs made to the supply pipe without emptying the reservoir.

At the present time this reservoir is connected with only one 18-inch main from the Seymour Creek system, it being the intention when the work was laid out to have another connection with a high-pressure pipe from the Capilano system, so that in the event of an interruption in one of these pipes the other would maintain the supply.

The Capilano connection is now being constructed, and known as the "Partnership Pipe," of which a description has already been given. In addition to the above two connections, still another con-