

### 3.6 DISINFECTION OF DOMESTIC WATER PIPING SYSTEM

- A. Disinfect the domestic water piping system in accordance with local municipality requirements. In the absence of a locally adopted municipality procedure, after all plumbing work has been complete and the system tested, disinfect the system as follows:
  - 1. Prior to starting work, verify system is complete, flushed and clean.
  - 2. After tests are completed, fill all water supply systems with a solution containing 50 PPM of chlorine and allow to stand for a period of at least 24 hours. As an alternate, fill the system with a solution containing 200 PPM of chlorine and allow to stand for 3 hours.
  - 3. Following the standing time, the systems shall be flushed with clean potable water until the chlorine is purged from the system.
  - 4. The procedure shall be repeated where shown by a bacteriological examination that contamination remains present in the system.
- B. Deliver a dated letter certifying sterilization to the Architect.

### 3.7 SERVICE CONNECTIONS

- A. Provide new sanitary sewer services. Before commencing work check invert elevations required for sewer connections, confirm inverts and ensure that these can be properly connected with slope for drainage and cover to avoid freezing.
- B. Provide new water service complete with approved reduced pressure backflow preventer and water meter with by-pass valves, and sand strainer.

END OF SECTION