

**DISINFECTION**

Before being placed in service, all new water mains shall be chlorinated in accordance with the specifications below and the procedures outline in AWWA C-651 "Standard Procedure for Disinfecting Water Mains". All provisions of the Florida Department of Environmental Protection permit shall be complied with.

**WATER SYSTEM TESTING:**

Hydrostatic testing shall be performed at 150 pounds per square inch pressure, unless otherwise approved by the City, for a period of not less than two (2) hours. Testing shall be in accordance with the applicable provisions as set forth in Section 13, AWWA Standard C600 for ductible iron pipe and AWWA Manual Number M-23 for PVC pipe.

The testing procedure shall include the continued application of the specified pressure to the test system, for the two hour period, by way of a pump taking supply from a container suitable for measuring water loss. The amount of loss shall be determined by measuring the volume displaced from said container. Should the test fail, necessary repairs shall be accomplished by the contractor and the test repeated until within the established limits. The contractor shall furnish the necessary labor, water pumps, gauges and all other items required to conduct the required water distribution system and perform necessary repairs.

**WATER SYSTEM TESTING AND DISINFECTION**

CITY OF SANFORD

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FIG. 507