

TESTING

All newly completed pipelines, or valved sections thereof, shall be subjected to a leakage test in accordance with AWWA C600 under the supervision of the Indian Hill Water Works. Length of test sections shall not exceed 2,000 feet unless otherwise approved by the Water Works Superintendent. The test shall be conducted after the trench has been backfilled but prior to the start of final restoration. The contractor shall be responsible for furnishing and installing test pumps, taps, pressure gauges, meters, corporation stops for exhausting air (if required) and all other apparatus and accessories required for the test.

Test pressure shall be one hundred (100) pounds per square inch (psi) over 50% of the normal operating pressure at the lowest point in the section of line under test as corrected to the elevation of the test gauge; except that:

1. The test pressure shall be not less than 125% of the working pressure at the highest point of the test section.
2. The test pressure shall not exceed the rated pressure of the valves when testing against resilient seated gate valves or butterfly valves.

The duration of each test shall be a minimum of two (2) hours.

Before the specified test pressure is applied, all air shall be expelled from the section under test. The test pressure shall be applied and allowed to stabilize before the test is begun. Exposed pipe, fittings, joints, valves, hydrants, and/or the surface of the backfilled trench shall be examined carefully during the test. Any damaged or defective pipe, accoutrements, or appurtenances discovered shall be repaired or replaced with sound material and the test repeated until satisfactory results are obtained.

For acceptance, there shall be no discernible drop in pressure from the section under test.



VILLAGE OF INDIAN HILL
DEPARTMENT OF WATER WORKS

APPROVED *J. Q.*
DATE November 2011

SPECIFICATIONS
WATER MAIN
AND APPURTENANCES

DRAWING NO.

WW-112