

Revised: 4/16/99

STANDARD FIRE HYDRANT INSTALLATION
Athens Utilities – Water Department
Athens, Alabama 35611

1. Fire hydrants shall always be installed with a maintenance valve which shall be an epoxy coated, ductile iron, resilient seat, mechanical joint, gate valve of the same size as the hydrant boot.
2. The maintenance valve, hydrant and water main shall be rigidly joined using a hydrant tee, threaded rods, anchor couplings (including grade lock type anchor couplings) "grip ring" retainer glands and/or any other similar mechanisms that are approved prior to installation.
3. Hydrants and maintenance valves shall be so installed that the hydrant can be totally removed and the closed valve will remain rigidly affixed to the water main without leaking.
4. Hydrants shall have at least two (2) cubic feet of drain rock installed around the weep hole and to a depth of one (1) foot below the base.
5. Although thrust blocking is not required, when it is used at the discretion of a contractor, the hydrant must be fully protected from any bonding/adherence by the concrete.
6. All fire hydrants shall be 3-way 5 1/4" M & H Model 929, American B-84-B, US M-94, or approved alternate, except in industrial/commercial areas where there are water lines 12" diameter and larger. For those areas, hydrants with 6" valves and 8" boots shall be used.
7. Fire hydrants shall have a clearly delineated bury line on the lower barrel below the crash ring and all units shall be installed such that the adjoining finished grade within a three (3) foot radius is at the bury line $\pm 2"$.
8. All fire hydrants shall be installed plumb.
9. All fire hydrants shall be factory painted "fire yellow".
10. Alternates may only be approved prior to construction by the Manager, Water/Wastewater, or his designee.

By: 

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Manager, Water/Wastewater Dept.

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