

## **CHUMUCKLA WATER SYSTEM, INC.**

### **Specifications for Water Line Extensions**

1. All new water lines must be at least six (6") in size.
2. Notify system in writing of commencement date to begin work.
3. The costs of all new water line extensions are to be the responsibility of the installer or developer. The system shall make inspections of the installation of the new water lines, the costs of the system inspector to be paid by the installer or developer.
4. If nearest available existing water line to the new water line extension is inadequate to supply the new water line with sufficient water volume and pressure, than the installer/developer will need to install, at installer/developer expense, a six (6") inch water line to a point on the existing system where water lines are large enough to furnish the volume and pressure needed to supply the new water line extension.
5. SDR 21 Bell Joint PVC Pipe is to be used. Tracer Wire 12 Gauge Solid Blue Coded must be installed eighteen inches (18") above the water pipe on all new water lines.
6. MJ DI Fittings are to be used on all pipe 4" and above.
7. MJ Square Nut Valves are to be used on all lines.
8. Single ¾ inch lines are to be installed at every other lot corner in all subdivisions. All services under roadbeds are to be encased with 1 ¼" PVC Pipe minimum with curb stops per water system maintenance department specifications. All curb stops and meter boxes must be installed per water system maintenance department specifications.
9. Six (6") Fire Hydrants with 5 ¼" three-way openings MJ Type installed every 700 feet of the water line extension.
10. All water lines are to be buried at a depth with a 30 inch minimum covering. The system required the right to inspect the depth of water lines before covering. Installer/developer will need to notify system when lines are installed and ready for inspection. Ditches and shoulder of road right-of-ways must be level, dressed, and seeded. Comply with county ordinances for county right-of-ways regulations on dressing of ditches & shoulders.

11. New water lines are to be Pressure Tested at 150 PSI for 2 hours with a report of testing to be filed with the water system. All new water lines are to be Chlorinated, Sanitized and Flushed with water samples drawn submitted to the Department of Environmental Protection for approval for potable water use. Copy of certified approved report to be filed with the water system. The system requests to be present during the testing of the water lines, so be sure to notify the system when the tests are to occur.
12. The Chumuckla Water System, Inc. requires the right to make inspections new water lines being installed. Notify system before covering any lines to see if inspections have been made.
13. All Santa Rosa County ordinances and permits concerning water line extensions and work on county right-of-way's must be complied with.
14. All tie-ins of new water lines to existing water lines are to be completed by the maintenance department of the Chumuckla Water System, Inc. with the costs of tie-ins to be paid by the installed or developer.
15. All road bores are to be cased with metal pipe. All road bore costs will be the responsibility of installer/developer. System needs to be notified when road bore work commences for inspection of work.
16. The system requires the right to inspect the final plans for any water line extension or development before the bid is awarded so the system can review and approve said plans.
17. All new water line extensions are to be guaranteed by the installer or developer for a period of not less the one full year from date of DEP certified approval for potable water use by consumers. A written one year warranty letter from installer or developer must be submitted to place on file with the system. Any line breaks or necessary repairs will be completed by and the expense of the installer/developer during the one year warranty period.