

MWC General Notes for incorporation into all plan sets

Current as of 4/25/22

1. The water facility planning/design/construction process will be done in accordance with the current Medford Water Commission (MWC) "Regulations Governing Water Service" and "Standards for Water Facilities/Fire Protection Systems/Backflow Prevention Devices."
2. Sequence of water facility construction shall be coordinated with the MWC Inspector at the required pre-construction meeting prior to beginning work.
3. Flush points and sample and disinfection trees shall be located as required by MWC Standards.
4. Dead end mains shall be restrained as required by MWC Standards.
5. Service connections are to be installed for each parcel per MWC standards (Standard Details Nos. 100A, 100B, 100C and 100D).
6. Cover over existing mains shall not be changed without written authorization of MWC.
7. New mains are to be pressure tested, disinfected and proven to be bacteriologically safe prior to placing new mains in service by the MWC. Only one tie-in location will be connected until water samples are collected, tested and pass successfully. Pressure testing shall not be done until all excavation and backfill up to subgrade has been established.
8. Initial backfill to top of water mains and fire hydrants runs shall be compacted in accordance with MWC Standard Specification for trench Excavation and Backfill or backfill material and compaction shall meet the requirements of the controlling agency.
9. Water mains and fire hydrants are to be installed with reference alignment and grade status and only upon notification of the MWC Inspector.
10. Fire hydrant runs are to be installed before curbs and gutters. In the event a water main is installed *larger* than eight inches (8"), or if the main has more than three feet (3') of cover, the contractor will be required to install an offset similar to Standard Detail 105 to permit use of a standard three-foot to six-foot (3'-6') bury fire hydrant, when possible.
11. Stubs service runs shall be installed prior to curb and gutter and after PUEs are graded to curb levels.
12. Plans and specifications approved by MWC shall be available at site of construction ***at all times*** during construction of water facilities.

13. Separation of water mains, including water service lines and sanitary sewer, shall be in accordance with current Oregon State Health Division Rules (OAR Section 333-061-0050(9)) and/or as modified in Section IV, Items IIA and IIB, C-8 of these Standards EXCEPT in all cases running parallel with each other, there shall be a 10-foot (10') separation center line to center line.
14. No above-ground appurtenances or physical structures of any kind shall be within five feet (5') horizontally of any water facility whether that water facility is above or below ground. This distance shall be ten feet (10') horizontally where water and sanitary sewer facilities *are* concerned.
15. No below-ground utility lines or other service of any kind shall be within five feet (5') horizontally of any water facility when running parallel to the water facility.
16. No below-ground utility lines or other service of any kind shall be within six inches (6") vertically of any water facility when running approximately perpendicular to the water facility. This distance shall be eighteen inches (18") vertically when water and sanitary sewer facilities are concerned.
17. Blasting or explosive work will not be allowed within fifty feet (50') of existing water facilities and only then using proper industry standards and through a permit process with the Fire Department or other agency jurisdiction.
18. MWC requires "poly pigs" to be used on all newly laid water lines.
19. Only State of Oregon-approved backflow prevention assemblies shall be installed.
20. All dry tap water services, air release valves and backflow prevention assemblies shall be installed by a MWC pre-qualified installer.
21. Copies of the MWC's Standard Specifications can be obtained from the Medford Water Commission's website www.medfordwater.org.

Where MWC's Big Butte Springs (BBS) 24" transmission mains exist within or along the periphery of the project, the following note shall also be added along with the above General Notes and separately on each affected sheet in conspicuous large font:

22. Prior to construction within BBS easements, developer/contractor may be required to mark the BBS main and easement within and adjacent to the project as directed by MWC staff. No work shall be performed within the BBS easements without MWC staff present.