



POTABLE WATER, SEWER, AND RECYCLED WATER NOTES

The below notes are to be utilized on improvement plans, as they apply, if applicable to the project. Check with Padre Dam Municipal Water District's (District) Engineering Department.

1. Contractors shall notify the District two working days prior to commencing work, telephone (619) 258-4635.
2. All underground utilities and laterals to be installed before construction of curbs, or concrete cross gutters, or surfacing of streets.
3. Contractors shall; verify locations and maintain all existing water and sewer utilities during construction; be responsible for any damage to existing water or sewer mains on site as a result of their operations; and have on site, sufficient pipeline materials and equipment to immediately repair any damage to the existing water, sewer, or recycled water facilities.
4. Contractor shall uncover location of connections prior to beginning installation to insure conformance with lines and grades shown on the plans. Any discrepancies shall be brought to the attention of the Director of Engineering and Planning prior to proceeding.
5. The Contractor shall be responsible for relocation or adjustment of any new or existing sewer, recycled water, or potable water service appurtenances, manholes, gate valve covers, or meter boxes to new finish grade.
6. Work in roadway shall comply completely with the requirements of the County or City. Appropriate Contractor's license required.
7. Developer shall provide, at Developer's expense, such soil testing and retesting as District may require.
8. Valves that are deeper than 1.5m (5') must have valve stem risers.
9. All fittings on PVC pipe are to be mechanical joint or push-on type.
10. Existing valves (including wet-tap valves) are to be operated by District personnel only.
11. The general contractor shall keep and maintain a signed set of improvement plans on-site at all times for review by the Director of Engineering and Planning or his representatives. The general contractor's superintendent is required to update said plans with AS-BUILT information on a daily basis as work is performed.
12. All water mains shall be constructed as shown on plans. Potable water mains shall have a minimum cover of 0.9m (36"). Recycled water mains shall have a minimum cover of 1.4m (54").
13. Where a potable water main crosses under a recycled water or sewer, the potable water main shall have no joints within 10' of the crossing.
14. Warning tape and tracer wire must be installed over all potable water mains, recycled water mains, water services, B.O.'s, and air valves, per Drawings WP-01 and WP-02.

15. All potable water line valve lids are to be painted yellow. All fire hydrant valve lids are to be painted white. All recycled water line valve lids are to be painted purple. All normally closed valve lids are to be painted red.
16. Each lot shall receive a 25mm (1") minimum size copper potable water and/or recycled water service. The location shall be as shown on these plans and shall be constructed perpendicular to the centerline of the street. "As Constructed" locations with stations shall be shown on these plans by the Engineer of Work prior to notice of completion.
17. Water meters shall not be placed in driveways or sidewalk. The letter "W" shall be stamped in the curb at all water lateral locations. The letter "W" shall be stamped in the gutter when there is no type AG curb.
18. Backflow Prevention
 - a) A District approved Reduced Pressure Backflow Prevention Device must be installed on the customer's side of all irrigation meters served with potable water, residential, all commercial & industrial, multi-family dwellings, properties served with a second water source such as wells or recycled water, and any other locations requiring cross-connection protection as outlined in "Title 17" (issued by the State Department of Public Health) and the District's current Rules and Regulations section 5.4.
 - b) All new backflow prevention assemblies shall be installed according to the Water Agency Standards (WAS) Installation Drawing #WR-01 or in accordance to the engineering plans. After the backflow is installed, contact the Compliance Department to have the installation inspected. Do not complete any backfilling of the pipe or backflow prior to inspection. If the assembly has been backfilled you will be required to uncover the piping from the meter box to the assembly.
 - c) Once the assembly passes inspection you will need to call a certified backflow assembly tester to test the device. A partial list can be found on the website. Coordinate the test with the Compliance Department so the meter can be unlocked at the same time as the test. The meter will not be unlocked before a passing inspection and a passing test has been completed.
 - d) Please ensure all test and or dewatering water is captured and contained onsite as discharging non-storm (water not sourced from rain) water to the storm drain system is an illegal discharge. For more information please consult your local governing agency.

For additional information, please contact the District's Compliance Specialist at (619) 258-4731 or visit <https://www.padredam.org/288/Backflow-Testing>.
19. The sewer lateral connection at property line is to be inspected and approved by the District.
20. Each lot will be served by a 100mm (4") diameter minimum size PVC sewer lateral. Location of sewer lateral shall be as shown on these plans. "As Constructed" locations with stations shall be shown on these plans by Engineer of Work prior to notice of completion by the District.
21. The letter "S" shall be stamped in the curb at all sewer lateral locations. The letter "S" shall be stamped in the gutter when there is no type AG curb.
22. All recycled water mains are to be purple PVC C-900.
23. Where a recycled water main crosses under a sewer, the recycled water main shall have no joints within 10' of the crossing.