

FAIR OAKS WATER DISTRICT  
GENERAL NOTES  
Revised: December, 2016

1. All Owners' work shall be performed in accordance with the District approved improvement plans for the project and the Standard Specifications Manual of the Fair Oaks Water District (District). The District Standard Specifications Manual is available on the District web site. The Owner shall have a set of these specifications in his possession before construction may begin and at all times during the course of construction.
2. The Owner shall be responsible for physically locating all existing utilities before the start of water facilities installation.
3. Water mains shall be installed within public street rights-of way and shall be located 3 feet from the lip of gutter (under street pavement). Water mains installed on private property shall be placed at the centerline of a 30-foot wide public utility easement. The District may require additional or wider easements depending on site-specific configuration.
4. The Owner shall contact the District Inspector; Dustin Nelson (916) 869-6306 a minimum of three working days prior to the beginning of work. Owner shall pay all required fees and obtain all applicable permits before construction may begin.
5. Before the work may proceed, the Owner shall provide the District with submittal for all parts and materials to be used in construction. Submittals must be approved by the District prior to start of construction. Contact the District to arrange inspection of materials.
6. All services shall be set three feet from adjacent side property lines within Public Utility Easement (PUE) on the correct lot site. Owner shall stake lot lines at the final inspection time. Services are designed so plumbers need not disturb the meter box during customer hook-up. Water boxes that are temporarily removed shall be replaced by the Owner at Owner's expense.
7. All water mains shall be PVC CL 150 C-900 unless otherwise approved or specified by the District. All water mains (NO EXCEPTIONS) shall have #10 AWG, single strand copper tracer wire. Copper tracer wire for valves shall be stubbed up on the outside of the valve riser pipe and into the valve box, per District's Standard Specifications. Mechanical joint connections or flex coupling connections are required when fastening C-900 pipe to fittings or unlike pipe. All master valves on water mains shall be resilient wedge gate valves unless otherwise specified or approved by the District.
8. Native backfill will not be allowed in roadway trenches containing public water mains. All public water mains located within an existing or proposed new roadway, public or private, shall conform to District Specifications 4.0 (Installation and Construction), sections 4.1, 4.1.1, 4.1.2 and 4.1.8; Standard Drawing # 9 "Typical for Traffic Areas"; and all Sacramento County requirements as they apply.
9. Water mains, services, meters and meter boxes shall not be installed until the finished grade is established and streets are brought to within 6-inch of the finished grade. The Owner is fully responsible for any water facilities relocation due to errors in establishing finished grade
10. One inch, one and one-half inch, and two-inch services shall be type K rolled copper. The District shall approve sizing for all services larger than one inch. Valves used for blow-off and air valve assemblies must be approved ball valves with handles. Service saddles material and installation shall conform to the District's Standard Specifications. Service saddles shall be all bronze and shall be specifically designed for the type of pipe used. Saddles for AC pipe shall be double strapped. Where permitted, cast iron fittings shall be wrapped. Meter setters shall be copper setter yoke as indicated on Std-7 and Std-8 and shall be Mueller "COPPER METER YOKE" with horizontal inlet and outlet, 1-inch model #390B2404-6A30N, 1.5-inch model #695B2422—2---N and 2-inch model #105B2422—2---N or District approved equal. All water services shall be

metered with Neptune T-10 meter, equipped with Neptune ENHANCED E-CODER®) R900/™ radio frequency meter interface unit (MIU) or approved equal. All meters shall conform to the Districts Standard Specifications 3.13. And shall read in 100 cubic feet increments.

11. Existing services which serve no useful purpose or which are not up to current District standards shall be abandoned by the Owner at the distribution main at the Owner expense. Each single family or condo parcel shall have a separate service tap. Each individual dwelling unit for duplex parcels must have separate service taps. For apartment and other commercial development on one parcel, each building must have a separate service tap. Water services shall not be looped, and shall not cross parcel lines. For commercial and multi-family development, separate service taps shall be provided for landscape irrigation and equipped with an RP backflow device.
12. Each master valve on water mains shall be covered with rigid eight (8)-inch PVC C900 riser pipe, a round G-5 traffic box, and an approved lockout device. For air valve and blow-off installations refer to appropriate standard drawings of the District's Standard Specifications. All service valves shall be covered with an approved concrete or fiberglass meter box and lid. Type of box will be determined by the District and will depend on type of ground surface. Service boxes shall be installed at grade and visible after completion of landscape restoration by Owner. Master valves not located in paved areas shall have a two feet square concrete pad constructed around each box.
13. All fire hydrants shall comply with the standards of the fire department having jurisdiction. Fire hydrant valves shall be attached with flange to the base tee on the side facing the hydrant. The Owner shall provide the fire department with approved fire hydrant street markers and shall notify the fire department before installation of markers. Contact the appropriate fire department regarding fire flow requirements. All gated communities shall provide the Fair Oaks Water District and the Fire Department with a permanent individual access code or master key immediately upon gate installation.
14. The Owner shall notify the District immediately, in writing of any field changes or changes in the approved set of plans that affect placement or installation of water facilities, and shall obtain written approval from the District for such changes.
15. If after final inspection, the District determines that the job is not complete, the Owner will have 15 days to complete the work to the District's satisfaction. The Owner may be charged for re-inspection. Normally, the new service(s) will be locked off and will not be available for use until all deficiencies have been corrected and the system accepted by the District.
16. Upon completion of work and before final District acceptance of the new system, the Owner shall furnish to the District all required documentation, including two full size sets (24" x 36") on bond paper, for as built water plans. One set shall be reproducible, one electronic set in AutoCAD (.dwg) format on (CD).
17. Following acceptance of a new water system installation by the District, the Owner shall guarantee all work for one year against damage or failure from any cause. In addition, Owner shall post a maintenance bond. Refer to District's Standard Specifications for details.
18. Owner or his/her designated representative shall be responsible for all costs related to the proper removal and disposal of any portion of existing Asbestos Concrete Pipe (ACP) removed during the course of construction. Disturbance of ACP is regulated under Cal/OSHA, Title 8, section 1529. Owner must submit to the District a certificate of disposal to verify the waste was properly disposed of. Any portion of ACP to be abandoned in place must be left intact and non-friable.