



## **CONSTRUCTION NOTES**

### Recycled Water

(Also referred to as Reclaimed Water)

1. Within the property, a minimum of two (2) signs shall be installed identifying the usage of Recycled Water onsite. The approximate locations are shown on the plans and the exact location shall be approved by Mesa and the local Health Agency. The sign shall have a purple background (Pantone 512) with a white border and white letters and shall say the following, “FOR WATER CONSERVATION, THIS LANDSCAPED AREA IS IRRIGATED WITH RECYCLED WATER – DO NOT DRINK!” AND “PARA CONSERVAR AGUA, ESTE JARDIN SE RIEGA CON AGUA RECICLAR – NO LA TOME!”
2. All new buried onsite constant pressure Recycled Water piping shall be purple colored PVC pipe. All such piping shall be purple with black or white stenciling. The stenciling shall appear on both sides of the pipe with the marking “CAUTION – RECYCLED WATER” in 5/8-inch letters repeated every 12 inches.
3. All new Recycled Water piping above ground or in vaults, including adapters and fittings, shall be painted purple in color (Pantone 512). Black or white stenciling shall appear on both sides of the pipe with the marking “CAUTION – RECYCLED WATER” in 5/8-inch letters repeated every three feet.
4. All new constant pressure copper or ductile iron piping carrying potable water shall be identified with warning tape. Warning tape shall be blue in color with the words “CAUTION: WATER LINE BURIED BELOW” imprinted in minimum one-inch high letters, black or white in color. Imprinting shall be continuous and permanent. Warning tape shall be a minimum of three inches wide and shall run continuously for the entire length of all constant pressure piping. The tape shall be attached to the top of the pipe with plastic tape banded around the warning tape and the pipe every five feet on center.
5. All new pressure main line piping from the Recycled Water system shall be installed to maintain ten feet minimum horizontal separation from all Potable Water piping. Where Recycled and Potable Water pressure main line piping cross, the Recycled Water piping shall be installed below the Potable Water piping in a class 200 purple-colored PVC sleeve which extends a minimum of five feet on either side of the Potable Water piping. Provide a minimum vertical clearance of 12 inches. Conventional (white) PVC pipe may be used for sleeving material if it is taped with three-inch wide purple warning tape, which reads “RECYCLED WATER – DO NOT DRINK”.
6. All Potable Water irrigation quick coupling valves shall have a tag affixed to them. Tags shall be weatherproof plastic, three-inch by four-inch, with white background and black lettering stating “POTABLE WATER” on one side and “AQUA PARA TOMAR” on the other side. One tag shall be attached to each device with a nylon tie wrap.

7. All new valve boxes (gate valves, manual control valves or electrical control valves) on the Recycled Water system shall be purple (Pantone 512) and have the words “RECYCLED WATER” in white letters on top.
8. All existing valve boxes (gate valves, manual control valves or electrical control valves) found on the Recycled Water system shall be branded in the center of the cover with the letters “RECYCLED WATER”. Letters shall be a minimum of ½-inch high. OCWD will supply the branding iron for use by on-site personnel.
9. Paint lid of Mesa Consolidated Water District supplied meter vault purple (Pantone 512) and stencil “RECYCLED WATER” in 2-inch high white letters.
10. All existing valve boxes (gate valves, manual control valves or electrical control valves) found on the Potable Water irrigation system shall be branded in the center of the cover with the letters “POTABLE WATER”. Letters shall be a minimum of ½-inch high.
11. A warning label shall be attached to the cover of all irrigation controller units found on the Recycled Water system. The warning label shall have a purple background and shall state “ATTENTION – CONTROLLER UNIT FOR RECYCLED WATER” and “ATENSIÓN – UNIDED CONTROLADORA DEL AGUA RECICLAR”.
12. Tags shall be as manufactured by Christy or approved equal (T. Christy Ent.; 403 W. Brenna Lane, Orange, CA; (714) 771-4142).
13. Drinking fountains exposed to Recycled Water spray must be covered or moved out of the spray area.
14. All Potable Water valve boxes (gate valves, manual control valves or electrical control valves) shall have one tag placed on the valve within the box. Tags shall be weatherproof plastic, three-inch by four-inch, with white or black lettering on a blue background stating “POTABLE WATER” on one side and “AQUA PARA TOMAR” on the other side. Tags shall be affixed to the valve with a nylon tie wrap.
15. All Recycled Water valve boxes (gate valves, manual control valves or electrical control valves) shall have one tag placed on the valve within the box. Tags shall be weatherproof plastic, three-inch by four-inch, with white or black lettering on a purple background stating “WARNING RECYCLED WATER – DO NOT DRINK” on one side and “AVISO AQUA IMPURA – NO TAMAR” on the other side. Tags shall be affixed to the valve with a nylon tie wrap.