



Project Name: \_\_\_\_\_ Sec. \_\_\_\_\_ , T \_\_\_\_\_ S, R \_\_\_\_\_ E

Designer: \_\_\_\_\_ Firm: \_\_\_\_\_ Date: \_\_\_\_\_

**ORO VALLEY WATER – WATER PLAN CHECKLIST – FIRST DESIGN REVIEW**

**FOR DESIGNER REVIEW:** Indicate compliance or provide written statement explaining non-compliance.

ITEMS TO BE SUBMITTED WITH PLAN

(N/A – Not Applicable)

Compliance    N/A

- 1. A current copy of the water plan with engineer’s stamp
- 2. Approved master plan redlines with Oro Valley Water comments (Originals)
- 3. New unrecorded easement descriptions accompanied by current Title Report (2 month old maximum) and/or recorded legal descriptions for existing easements
- 4. Itemized cost estimate with plan name referenced
- 5. Final plat, recorded or not, or Record of Survey, or recorded legal description reflecting current property limits (Full-Size or 24” x 36” Max)
- 6. Improvement plans or site development plan (Full-Size)
- 7. Underground electric layout (Full-Size)

Do you request a copy of the as-built?    Yes                       No

ITEMS TO BE ADDRESSED ON PLAN

Compliance    N/A

- 1. 24” X 36” water plan to Oro Valley Water format w/standard title block & current Oro Valley logo & Inspector’s As-Built Block
- 2. Standard north arrow and scale in upper right corner of each plan sheet
- 3. Standard location plan on cover sheet with Oro Valley identified adjacent to location plan & latitude, longitude, & source of datum called out below the location plan
- 4. Cover sheet with match lines, main sizes, and zones called out on site plan
- 5. Cover sheet site plan reflects interior sheets & shows all elements of the water system except water services
- 6. General notes and legend on cover sheet
- 7. Basis of bearing & basis of elevation called out
- 8. Responsible party for fire service billing identified
- 9. Owner/Developer information and consultant’s logo on cover sheet
- 10. Lettering and symbol size acceptable & legible (1/8” min.)

Compliance

N/A

- 12. Rights-of-way, full width shown, w/street names labeled public or private
- 13. Show applicable easements, existing & proposed, & label easements
- 14. Plan matches easement descriptions; P.O.B., bearings, distances, etc. called out on plan
- 15. Inverts or vertical separation called out at all water / sewer crossings and potable / reclaimed crossings
- 16. Existing water system shown correctly
- 17. Existing and proposed paving, utilities, drainage facilities, and other obstructions in the vicinity of new water construction
- 18. Development tied down; Sta. 0+00 on survey monument w/applicable stationing
- 19. Dimension from connections to all existing valves that may need to be closed during connection
- 20. Phase lines
- 21. All new water system plotted **BOLD**
- 22. Main sizes, configuration acceptable per master plan review w/comment compliance
- 23. PVC pipe within a curved easement of right-of-way
- 24. Abandon existing mains
- 25. Profile for 12" & larger mains
- 26. Protected mains, proposed & existing, with applicable notes
- 27. Corrosion test stations for ductile iron or concrete cylinder, 16" or larger, new & existing; show & label
- 28. Valving acceptable (2 for tee, 3 for cross and maximum spacing between in-line valves Maintained)
- 29. Air release valves
- 30. Stubs, drain valve assemblies
- 31. Fire hydrants per Fire Department requirements
- 32. Existing service tie-overs, renewals & abandonment's
- 33. Existing and proposed paving, utilities, drainage facilities, and other obstructions in the vicinity
- 34. Electric pedestals & transformers dimensioned 10' minimum from services, hydrants, ARV's & DVA's
- 35. Static pressure zones identified, w/closed valves, and zone boundaries labeled
- 36. Notes in standard note box
- 37. Stationing is accurate, with station equations if applicable
- 38. Dimension rights-of-way, waterlines, utilities, pavement, centerline, etc.
- 39. Special details
- 40. Erase behind lettering, symbols, and other pertinent information
- 41. Plans stamped by P.E. if required by law.