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.)
		11. Project boundary & lot lines with adjacent properties identified

☐   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.