



Project Name: _____ Sec. _____, T _____ S, R _____ E

A Water Availability Letter was issued by Oro Valley Water Utility _____
Fill in date prior to Master Plan submittal

ORO VALLEY WATER – NEW DEVELOPMENT MASTER PLAN CHECKLIST
RESIDENTIAL / COMMERCIAL ITEMS TO BE ADDRESSED

- | | |
|-------------------|---|
| Compliance | <i>NOTE: Incomplete submittals will not be accepted.</i> |
|-------------------|---|
- 1. One print of the proposed water master plan **24" x 36" Only** and 200 scale Maximum
 - 2. Fire Department **signature** and review comments for **hydrant locations & assigned flow**
 - 3. Existing **contours** and final grades on plan (s)*
 - 4. Located in: Oro Valley Limits _____ Pima County _____ Marana _____
 - 5. Project name & owner / developer
 - 6. North arrow, engineering scale, location plan
 - 7. Show project boundaries, lot lines, and acreage of property
 - 8. Number of Units to be served; location & size of meter(s)
 - 9. Proposed main extensions, **loops** including connections to existing system, alignment, & new stubs, etc.
 - 10. **Length & size** of proposed mains (**label each length between fittings*** or include stationing)
 - 11. Show all existing adjacent pipelines and stub outs; label pipes size, plan number (PN), and pressure zone
 - 12. Show & label existing and proposed right-of-way, common area(s), easements, and washes
 - 13. Label all participating properties and ownership of all land adjacent to development, city or town limits, private water companies, state land, etc.
 - 14. Show location(s) of all existing wells within and adjacent to the development. Label wells with ADWR registry number and well use code. No existing wells exist in this project _____ initial
 - 15. Show and label phase lines if future phasing is anticipated. Not Applicable _____ initial

ADDITIONAL COMMERCIAL REQUIREMENTS

- 16. Estimated Peak Hour demands, in g.p.m., or fixture units _____ size _____ gpm
Count, including supplemental sheet for additional _____ size _____ gpm
Water service demands, if necessary _____ size _____ gpm
_____ fixture units

*NOT TO BE SHOWN ON FINAL WATER PLAN

Do not forget to:

- Label existing /proposed protected mains
- Investigate possible street cut moratorium with COT Dept. of Transportation, or Pima County Bluestake Section.
- Calculate for minimum pressure and maximum velocity standards. (see back) Water plans with inadequate pipe sizes or system loops may be returned for re-engineering.

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COMMENTS / QUESTIONS

OWNER/DEVELOPER

DESIGN FIRM/CONSULTANT

NAME: _____

FIRM: _____

ADDRESS: _____

ADDRESS: _____

PHONE: _____

PHONE: _____

CONTACT: _____

DESIGNER: _____

Designer's Signature

Date



Do Not Write in this Box

The following standards are taken from Arizona Administrative Code (AAC) R18-4-502 & 503, American Water Works Association (AWWA), and Tucson Water Design and Construction Procedures.

- Static Pressure of 35 to 85 psi, except in the foothills service area 35 to 130 psi.
- Fire Flow minimum pressure 20 psi.
- Maximum pipe velocity of 11 fps (peak day + fire flow), 5 fps (peak day)