



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**

| <b>Compliance</b>        | <b><i>NOTE: Incomplete submittals will not be accepted.</i></b>   |
|--------------------------|---|
| <input type="checkbox"/> | 1. One print of the proposed water master plan <b>24" x 36" Only</b> and 200 scale Maximum  |
| <input type="checkbox"/> | 2. Fire Department <b>signature</b> and review comments for <b>hydrant locations &amp; assigned flow</b>  |
| <input type="checkbox"/> | 3. Existing <b>contours</b> and final grades on plan (s)*   |
| <input type="checkbox"/> | 4. Located in: Oro Valley Limits _____ Pima County _____ Marana _____   |
| <input type="checkbox"/> | 5. Project name & owner / developer   |
| <input type="checkbox"/> | 6. North arrow, engineering scale, location plan  |
| <input type="checkbox"/> | 7. Show project boundaries, lot lines, and acreage of property  |
| <input type="checkbox"/> | 8. Number of Units to be served; location & size of meter(s)  |
| <input type="checkbox"/> | 9. Proposed main extensions, <b>loops</b> including connections to existing system, alignment, & new stubs, etc.  |
| <input type="checkbox"/> | 10. <b>Length &amp; size</b> of proposed mains ( <b>label each length between fittings*</b> or include stationing)  |
| <input type="checkbox"/> | 11. Show all existing adjacent pipelines and stub outs; label pipes size, plan number (PN), and pressure zone   |
| <input type="checkbox"/> | 12. Show & label existing and proposed right-of-way, common area(s), easements, and washes  |
| <input type="checkbox"/> | 13. Label all participating properties and ownership of all land adjacent to development, city or town limits, private water companies, state land, etc.  |
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | 15. Show and label phase lines if future phasing is anticipated. Not Applicable _____ initial   |

**ADDITIONAL COMMERCIAL REQUIREMENTS**

|                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 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                          |
|                          | _____ 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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**ORO VALLEY WATER – NEW DEVELOPMENT MASTER PLAN CHECKLIST**

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)