

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

A Water Availability Letter was issued by Tucson Water on \_\_\_\_\_  
Fill in date prior to Master Plan submittal

**TUCSON WATER - NEW DEVELOPMENT • MASTER PLAN CHECKLIST**

**RESIDENTIAL / COMMERCIAL ITEMS TO BE ADDRESSED**

**Compliance**

**Note: Incomplete submittals will not be accepted.**

- 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 & duration.**
- 3. Existing **contours** and final grades on plan(s). \* Grade Labels to be 1/8" min (or legible). Development Plan, Grading Plan etc. may be substituted.
- 4. Located in: Tucson City Limits \_\_\_\_\_ Pima County \_\_\_\_\_ Marana \_\_\_\_\_ Oro Valley \_\_\_\_\_
- 5. Project name & owner / developer
- 6. North arrow, engineering scale, location plan per Tucson Water standards.
- 7. Show project boundaries, lot lines, and acreage of property.
- 8. Number of Units to be served; location & size of meter(s). Meters may not be manifolded.
- 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 pipe 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 gpm., or fixture unit \_\_\_\_\_ size \_\_\_\_\_ gpm  
count, including supplemental sheet for additional \_\_\_\_\_ size \_\_\_\_\_ gpm  
water service demands, if necessary \_\_\_\_\_ size \_\_\_\_\_ gpm  
Fixture unit tabulation are for commercial meter application \_\_\_\_\_ size \_\_\_\_\_ gpm  
and size verification. \_\_\_\_\_ size \_\_\_\_\_ gpm

\* NOT TO BE SHOWN ON FINAL WATER PLAN

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

**TUCSON WATER - NEW DEVELOPMENT • MASTER PLAN CHECKLIST (cont'd)**

COMMENTS / QUESTIONS

OWNER/DEVELOPER

DESIGN FIRM / CONSULTANT

NAME: \_\_\_\_\_

FIRM: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

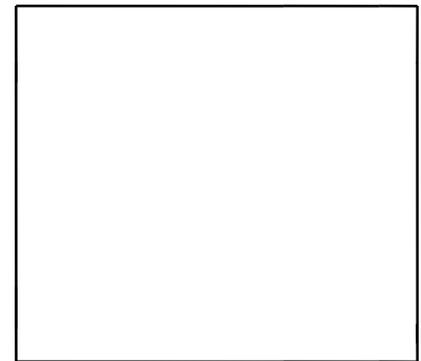
PHONE: \_\_\_\_\_

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)

**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.
- Overall Master Plan to be submitted with individual phases.