

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**
- 3. Existing **contours** and final grades on plan(s)*
- 4. Located in: Tucson City Limits _____ Pima County _____ Marana _____ Oro Valley _____
- 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 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 g.p.m., or fixture unit count, including supplemental sheet for additional water service demands, if necessary

_____ size _____	gpm
_____ size _____	gpm
_____ 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.

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: _____

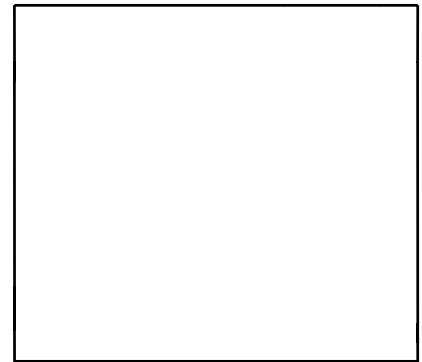
PHONE: _____

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)