



### **WATER GENERAL NOTES**

- 1) MARANA WATER GENERAL NOTES AND STANDARD DETAILS SHEET SHALL BE AN INTEGRAL PART OF THIS CONTRACT.
- 2) CONSTRUCTION WATER FOR PRESSURE TESTING, CHLORINATING AND FLUSHING SHALL BE PROVIDED THROUGH THE EXISTING WATER SYSTEM. CONSTRUCTION WATER FOR TRENCH BACKFILL AND COMPACTION AND OTHER CONSTRUCTION NEEDS SHALL BE THROUGH AN APPROVED METERED WATER SOURCE OBTAINED FROM MARANA WATER CUSTOMER SERVICE UNDER A SEPARATE CONSTRUCTION METER AGREEMENT.
- 3) ALL PVC PIPE INSTALLED FOR THIS PROJECT SHALL BE CLASS 200, UNLESS OTHERWISE SPECIFIED.
- 4) WATER SERVICE WILL BE PROVIDED AS SHOWN ON THIS PLAN. ANY CHANGES TO PARCEL CONFIGURATION MAY NECESSITATE ADDITIONAL REQUIREMENTS.
- 5) THIS WATER SYSTEM IS DESIGNED TO ACCOMMODATE \_\_\_\_\_ GALLONS PER MINUTE FOR \_\_ HOURS FIRE FLOW.
- 6) ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE.
- 7) AT THE TIME OF PLAN APPROVAL, THIS DEVELOPMENT IS LOCATED WITHIN \_\_\_\_\_ ZONE.  
MINIMUM DESIGN PRESSURES FOR THIS DEVELOPMENT ARE AS FOLLOWS:
  1. STATIC PRESSURE: \_\_\_\_\_ PSI
  2. PEAK DAY PRESSURE: \_\_\_\_\_ PSI
  3. PEAK DAY + FIRE FLOW: \_\_\_\_\_ PSIDUE TO WATER SYSTEM OPERATIONAL VARIANCES PRESSURE WILL VARY AS MUCH AS 10 POUNDS PER SQUARE INCH +/-.
- 8) THIS PLAN MEETS THE MINIMUM PRESSURE AND STORAGE REQUIREMENTS IN AAC R18-5-502 & 503.
- 9) \_\_\_\_\_ LINEAR FEET OF NEW PIPELINE (EXCLUDING WATER SERVICE LINE) WILL BE INSTALLED ACCORDING TO THIS PROJECT.
- 10) IT WILL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE AND INSTALL METER BOXES ON ALL SERVICES. SERVICES INSTALLED SHALL BE IN COMPLIANCE WITH MARANA WATER SERVICES SPECIFICATIONS ON THE GENERAL NOTES AND STANDARD DETAILS SHEET. METERS WILL NOT BE RELEASED UNTIL ALL FINAL/MODEL METER RELEASE REQUIREMENTS HAVE BEEN MET.
- 11) CONSTRUCTION SHALL NOT COMMENCE PRIOR TO ISSUANCE OF AN APPROVAL TO CONSTRUCT BY PDEQ (DELEGATED ADEQ AUTHORITY), AND OPERATION OF THE LINE SHALL NOT COMMENCE PRIOR TO ISSUANCE OF THE APPROVAL OF CONSTRUCTION BY PDEQ.



- 12) ALL FITTINGS SHALL BE RESTRAINED ACCORDING TO TUCSON WATER SD-600 OR APPROVED ENGINEER'S CALCULATION.
- 13) SEPARATE METERS WILL BE REQUIRED FOR IRRIGATION SYSTEMS. DOMESTIC AND IRRIGATION SERVICE SHALL NOT BE INTERCONNECTED. IRRIGATION METERS MUST INCLUDE A REDUCED PRESSURE BACKFLOW ASSEMBLY (RPA) AS PER THE MARANA WATER BACKFLOW GENERAL REQUIREMENTS.