

Recycled Water System

- 1) **Above Ground Spray Feature:** Preferred by children 5-12 years old
- 2) **Inground Spray Feature:** Preferred by children 2-5 years old
- 3) **Post Activator:** Preferred by children 5-12 years old

- 4) **Foot Activator:** Preferred by children 2-5 years old
- 5) **Drain:** Removes water from spray park to tank

- 6) **Drain Pipe:** Typical pipe sizes are 6" (100 GPM drainage capacity at 2% slope) and 8" (200 GPM drainage capacity at 2% slope)
- 7) **Touch Panel Controller:** User programmable device to sequence spray feature's activation

- 8) **Manifold:** Distributes water to spray features by use of solenoid valves
- 9) **Pipes:** Supplies water from manifold to spray features, typical pipe size is 1½"
- 10) **Winterization Drain Pipe:** Removes water from winterization sump under manifold
- 11) **Water Tank**

- 12) **Hatch**
- 13) **City Water Line:** Accommodates lost water due to evaporation. Supplies fresh water to the tank, typical size is ¾" which can supply about 20 GPM
- 14) **Plumbing:** Connects tank to water treatment system
- 15) **Over Flow Pipe:** Removes excessive water
- 16) **Equipment Room:** Houses manifold, controller and water treatment system

- 17) **Water Treatment System:** Includes pumps, pump starters, filter, chemical controller, chemical storage tanks, UV disinfection system and all the necessary valves and fittings required to operate the system. It is factory assembled and tested.
- 18) **Spray Park Surface:** Wet spray park surface, it is usually broom finish concrete
- 19) **Over Spray Zone:** Built around spray park for pedestrians, it is usually broom finish concrete
- 20) **Pump Starter**

