

City 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 storm or sanitary drainage system
- 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) **City Water Line:** Supplies water from city mains to manifold, typical size is 2" which can supply 80 to 100 GPM.
- 12) **Enclosure:** Houses manifold and controller

- 13) **Pressure Regulator:** Reduces city water pressure to manifold pressure (30 PSI)
- 14) **Spray Park Surface:** Wet spray park surface, it is usually broom finish concrete
- 15) **Over Spray Zone:** Built around spray park for pedestrians, it is usually broom finish concrete

