



**Access box** - (valve, meter box) Protective sleeve which allows user interaction with a buried component.

**As-built** - Irrigation system diagram pinpointing *master* and *station valve* locations as they were installed.

**Backflow preventer valve** - (check valve) Device that prevents unwanted reverse flow in a piping system.

**Back-up** - Battery installed inside a *controller* used to maintain *program* settings in case of power outage.

**Blank screen** - *Controller* display typically indicating either a loss of electrical supply or a blown fuse.

**Bypass button** - Switch that allows user to override a *sensor* that is preventing irrigation system operation.

**Controller** - (timer, clock, control box) User interface of a sprinkler system.

**Control wires** - Electrical path connected between the *controller* and the *master* or *station valves*.

**Emitter** - Irrigation system outlet that applies water to plantings by dripping (compare to a sprinkler head).

**Fault message** - Indication on a *controller* display screen alerting to a short circuit, typically in a *solenoid*.

**Isolation valve** - Allows irrigation system to be shut down without affecting house or building water supply.

**Laterals** - (secondary) Piping downstream of the *station valves* connected to the sprinkler heads.

**Main** - (primary) Pipe connected between the water supply or *master valve* and the station valves.

**Manual advance** - *Controller* ability to proceed to the next *station* or cycle through all the *stations*.

**Manual start** - *Controller* ability to activate a *station* for immediate watering or inspection purposes.

**Master valve** - (MV) Safeguard device that controls water flow upstream of the *station valves*.

**Program** - (A,B,C) Scheduled “on-off” switch for irrigation system operation (see *separate program*).

**PVC** - Poly Vinyl Chloride - Plastic pipe choice commonly used for irrigation systems.

**Reset button** - Clears the *controller* memory to “unfreeze” the electronics.

**Riser** - (shrub *riser*) Elevated sprinkler head used to water over surrounding plantings.

**Rotor head** - (rotor, rotary) Gear-driven rotating sprinkler that broadcasts a single stream of water.

**Sensor** - Device that prevents *controller* operation when a certain weather or flow condition is present.

**Separate program** - Allows *stations* to be grouped on an irrigation schedule based on their water needs.

**Solenoid** - Electrical controlled actuator that mechanically operates a *master* or *station valve*.

**Splices** - Insulated wire connectors used to attach a *solenoid* to *control wires* routed from the *controller*.

**Spray head** - (pop-ups, risers) fixed-spray sprinkler head installed with a set-arc nozzle.

**Station** - (zone) a grouping of related sprinkler heads that operate together from the *controller*.

**Station ID** - *Controller* designation associated with a corresponding *station* or *zone* on the property.

**Station valve** - (control, solenoid valve) Device that directs water flow to a connected group of sprinklers.

**Terminal strip** - Screw connections at the controller for the *control wire* from the *MV* and *station valves*.

**Water meter** - Device that measures water flow passing through it and records this usage.