

## WATER REGULATIONS

### WATER METER

1. The water meter yoke shall be a model 502, complete with a  $\frac{3}{4}$  inch expander, 2 gaskets, and angle valves on each end. The yoke shall accommodate a  $\frac{5}{8}$  inch x  $\frac{3}{4}$  inch meter furnished and installed by the City of Springboro.
  - **Any meter larger than  $\frac{5}{8}$  inch x  $\frac{3}{4}$  inch is not furnished by the City of Springboro.** The customer supplied water meter must meet Springboro Water Department specifications regarding make and type and must have a shutoff valve placed on the inlet side of the water meter.
2. The yoke shall be installed upon immediate entry of the water lateral into the structure. The yoke must be accessible at all times.
3. A remote reader must be installed on the side or rear of the structure a minimum of 6 inches from any connecting wall, post, or any other object. A 4 conductor #22 AWG cable for the remote reader shall be installed in a  $\frac{1}{2}$  inch flexible conduit. The  $\frac{1}{2}$  inch flexible conduit shall be continuous from the water meter to the remote reader location.

### WATER LINE

1. The minimum water lateral size is 1 inch K-copper from tap to water meter. Plastic water lines are permitted for 1 inch lines longer than 100 feet and larger than 1 inch lines longer than 60 feet.
2. Splices are not allowed without prior approval. A blue #14 AWG minimum tracer wire shall be installed with all plastic water lines.
3. Water laterals entering a crawl space must be installed underground until the point directly below the entry into the structure.
4. All water lines, including fire lines, 2 inches or larger shall be pressure tested and chlorinated.
  - a. The water line will then be flushed by the City and purity samples will be taken.
  - b. Once negative results have been obtained, the water line will be put into service.
5. All structures must have a shutoff valve. The shutoff valve shall be located at a maximum depth of 48 inches and the valve box must be straight, centered, and flush with the finished grade. Where applicable the valve shall have a 90-degree stop. No valve shall be located in/under any concrete or asphalt surface (sidewalk, apron, driveway, etc.).
6. The valve box shall be inspected after finish grade, seed, and/or sod have been installed. Call for final inspection.

### BACKFLOW PREVENTION

1. All structures shall have a backflow prevention device on the water lateral.
2. The backflow prevention device shall be installed immediately inside the structure and prior to any point of usage. **The City does not provide or install the backflow prevention device.**
3. An ASSE 1013 backflow prevention device must be provided.
4. The backflow prevention device must be tested at the time of installation and annually thereafter.
5. All test results must be forwarded to the Springboro Water Department.

### PRESSURE REGULATOR

A pressure regulator shall be installed. **The City does not provide or install the required pressure regulator.**

### IRRIGATION SYSTEM

1. All irrigation systems require a permit. Permits shall be obtained at the Springboro Building Dept.
2. All irrigation connections must be installed after the water meter and shut off valve, but may be installed prior to the pressure regulator.
3. All irrigation systems must have an ASSE 1013 backflow prevention device installed immediately after the connection to the domestic waterline.
4. The backflow prevention device must be tested at the time of installation and annually thereafter.
5. All test results must be forwarded to the Springboro Water Department.