

# Specifications for New Water Service Tap

JACKSON COUNTY PUBLIC WATER SUPPLY DISTRICT #12 IS A DOMESTIC WATER SUPPLIER, AND ITS' SOLE PURPOSE IS TO SUPPLY DOMESTIC WATER. ANY OTHER USE IS INCIDENTAL AND MUST BE APPROVED BY THE WATER DISTRICT.

## **WATER SERVICE INSTALLATION RULES AND PROCEDURES**

### **1. SERVICE LINES:**

All service lines shall be class "K-copper" to the meter from the main, unless the meter is 1½ inches or larger, then Schedule 40 PVC may be used.

### **2. SADDLES FOR PLASTIC MAIN:**

All saddles for plastic main shall be of brass construction.

### **3. DISTRIBUTION METERS:**

All distribution meters shall be of sealed, register-type, multi-jet with gallon registers. 5/8"x 3/4" up to 2".

### **4. CORPORATION STOPS:**

All corporation stops shall meet AWWA Standards as set forth for the same/equal to a Ford #F600.

### **5. CAST IRON OR DUCTILE PIPE:**

All cast iron or ductile pipe shall be tapped directly into main on 1-inch or smaller. No saddles allowed.

### **6. TAPS:**

All taps shall be made at least horizontal from main and preferably angled down 20 degrees. Multiple taps made on a single section of pipe should be alternated at varying degrees. All taps shall have a minimum of 18-inch clearance on either side of the tap, free of bells, obstructions, or previous taps.

### **7. TAP HOLES:**

All tap holes shall be made no more than three (3) hours prior to the scheduled time of the tap and filled no more than three (3) hours after completion. Tap holes shall expose a minimum of 48" of water main with no bells, service taps, or obstructions within 18" of either side of where the tap is made. There shall be a minimum of 6" of clearance under the water main. Tap holes must be void of standing water and accessible to district maintenance.

### **8. NEW SERVICE CONNECTIONS:**

All connections on new services shall be of the flare type, using long-necked flare nuts.

**9. METER INSTALLATION:**

All meters shall be set inside the meter wells between 18"-20" below the cover of the meter well and centered in the meter well so that no part of the meter or connections touch the sides of the well. Meter wells are not to be located in driveways. Meter rings and lids are to be set to grade and flush with sod.

**10. METER WELLS:**

All meter wells shall be 18"x 36" heavy-duty PVC.

**11. RINGS AND LIDS:**

All rings and lids shall be 18" cast iron "Clay & Bailey" #2210, non-locking.

**12. METER YOKES:**

Meter yokes shall be of cast iron by "Ford - #Y501", with a #AV92-323W valve and #L92-23W yoke ell. Larger yokes may be made up or by other manufacturers for ¾" and 1" lines.

**13. HOUSE SERVICES:**

All house services shall have at least ten (10) feet of ¾" K-copper on the meter end for the district to hook the customer's side to the meter.

**14. LOCATION OF WATER WELL:**

The meter well shall be placed in the side or front yard, located just on public property. Fences shall not be built over or enclose a meter well in a yard.

Meters shall not be installed in ground that is prone to flooding. The builder or property owner shall contact the district for an exact meter well location before installation of a customer's service line begins.

**15. CUSTOMER'S WATER SERVICE LINE:**

A customer's water service line shall be a minimum of 42 inches deep. If the service line is to be installed in the same ditch with the sewer line, it must be positioned on a 2-foot-wide ledge, located 2 feet away from and at least 2 feet above the sewer line.

Measurements are taken from the bottom of the water line to the top of the sewer line. This procedure is also to be used if the water line crosses the sewer line.

**16. RESPONSIBILITIES OF BUILDER OR PROPERTY OWNER:**

The builder or property owner assumes ownership of the meter well, ring, and lid at the time a service tap is made. Adjustments made to correct the grade of a meter well or replace damaged parts will be at the builder's or property owner's expense. The builder or property owner is responsible for the expense of repairing valves, blow-offs, water main, and/or other district property that is damaged due to construction and/or equipment. The district maintains ownership of the water meter and reserves the right to inspect, replace, and/or test meters.