

**Code Sections**

**Reasons for change**

**Chapter 93. – Water Code – Water Service Connections (Size and Location)**

**Sec. 93.06. – Water service connections, installations and materials.**

- (a) All underground service larger than two (2) inches in size shall be ductile iron ~~or cast iron~~ pipe. Ductile iron ~~and cast iron~~ pipe shall meet the requirements of the water utility's standard for the installation of water mains.
- (b) Ductile iron ~~and cast iron~~ water service connections shall be subjected, before acceptance, to an electrical conductivity test in accordance with the standards of water utility.
- (c) All underground water service connections up to and including two-inch sizes shall be extra heavy soft temper cold drawn seamless deoxidized copper tubing having a minimum ultimate tensile strength of not less than thirty thousand (30,000) pounds per square inch.
- (d) Sizes and weights for underground copper pipe shall be as follows:

Nominal Size (inches)	O.S. Diameter	Wall Thickness	Weight per Foot
3/4	0.875	0.065	0.640
1	1.125	0.065	0.838
1 1/2	1.625	0.072	1.36
2	2.125	0.083	2.06

The weight per foot shall not vary from the standard by more than five (5) percent. The wall thickness shall not vary from the standard by more than five (5) percent at any point.

*(Code 1956, § 254.06; Ord. No. 17001, 2-24-83; Ord. No. 17267, § 5, 8-13-85)*

Cast iron pipe is no longer an approved material for new water service connections.