

## REQUIREMENT FOR SUB-DIVISION DEVELOPMENT

Any persons developing a sub-division within the service area of Northeast Alabama Water District must meet the following requirements before Northeast Alabama Water District will accept and maintain the water mains and customer services within the sub-division.

All material and labor cost must be paid by the developer to a private contractor of his choosing. No solvent weld pipe or fittings will be allowed. All pipes must be SDR 21 Class 200 or greater.

All valves shall be mechanical joint, cast body Class 250 with resilient seat. All fittings shall be ductile iron Class 250 mechanical joint. Saddles for service shall be dresser style 194 or equal.

Corporation cocks shall be  $\frac{3}{4}$ " brass equal to Mueller H-15008. Curb stops shall be  $\frac{3}{4}$ " brass equal to Ford B-43-232W with lockout wing. Service lines shall be  $\frac{3}{4}$ ", 200 PSI polyethylene equal to Drisco or Phillips 3408 and shall extend from the corporation cock to the curb stop. Splicing will not be permitted.

Valve boxes shall be cast iron 2 piece adjustable heavy roadway type with 5  $\frac{1}{4}$ " diameter. Meter boxes shall be 12" x 17" x 12" deep with plastic top with hinged cast iron reading lid. Services will end at the property line near lot corner. Water meters and backflow preventor will be installed by Northeast Alabama Water District as required.

Each lot shall have a tap, meter box and accessories installed by contractor ready for meter to be placed into box by utility.

Blow off shall be installed on each dead end line equal to line size and shall consist of 1-valve, 1-90 bend, 1-meter box and a concrete thrust block sufficient size to prevent valve and fitting from blowing off main when under pressure. All pipe shall be installed with a minimum of 24" cover. Northeast Alabama Water District will provide connection to existing system at actual cost to developer.

Before final acceptance the developer shall provide Northeast Alabama Water the results of pressure test 6 hours in duration at 150% of normal working pressure. The formula for allowable leakage shall be:

$$L = \frac{(10) DLE}{126720}$$

L = Allowable Leakage GPH

D = Pipe Diameter in Inches

LE = Length of Pipe

The Developer will provide Northeast Alabama Water District copies of recorded plats and easements and a 1 year maintenance bond.