

CITY OF BEL AIRE
BUILDING AND ZONING DEPARTMENT

7651 East Central Park Avenue
Bel Aire, Kansas 67226

To Bel Aire Contractors:

The City of Bel Aire is issuing a requirement for installations of waterlines and sprinkler systems, as well as requiring a permit fee of \$50.00 for waterline installation and a \$5.00 filing fee for all backflow devices tested or rebuild. As you know the sewer permit is \$50.00 with a new requirement of an outside cleanout placed in the sanitary sewer line leaving any building. The IPC code was adopted April 15, 2003.

The approved water service materials specifications are as follows:

1. Water Service Material:
 - a. C.T.S. Copper tube size, copper tube (Type K) or copper tube size Polyethylene, 160 psi or greater. Insert stiffeners are required when using polyethylene.
 - b. I.P.S. or P.E.P.-I.D. based polyethylene pipe, 160 psi. or greater is required. Insert Stiffeners are required when using polyethylene or polybutylene.
 - c. P.E. Polyethylene; 160 psi pipe or greater, C.T.S. or I.P.S. polyethylene or polybutylene will be accepted.

2. Service Fittings & Couplings:
 - a. Type K Copper, sweat fitting or compression type connections. All compression type couplings shall be Bronze, straight three part unions.
*Insert stiffeners are required on all flexible tubing.

3. Sprinkler Systems:
 - a. P.V.C. pipe, connection to service line shall be made with the same requirements. The connection of the valve and tee, shall be P.V.C. x M.I.P. bronze fittings only.

***NOTE: NO HOSE CLAMPS WILL BE PERMITTED**

It is the intention of these specifications to provide a long lasting installation. The workmanship shall be performed in a complete and thorough manner and no improper materials shall be used. If the materials are not specifically listed on this sheet of approved materials, the alternate materials will have to be proven to be equal or greater in

quality, and in function for the application, to the satisfaction of the City; permission in writing from the City is required to use alternate materials.

The contractor receiving the permit shall furnish all materials, labor, appurtenances and any testing equipment necessary to properly complete the work in accordance with these specifications. Pigtails will only be installed for convenience; final connections will be as stated.

Waterlines will be installed at a depth of 42" below ground. Waterlines will be pushed under sidewalks only; no backhoe tunneling.

The triplicate forms for testing backflow devices will be furnished by the City, one copy for the customer, one for the City, and the last for your records. Filing fees are charged for filing the information required by the State. A lawn sprinkler permit may also be required, (new systems, added branches, replacement systems, moving backflow devices, new taps).

Inspections require a four (4) hour notice. All permit forms shall be filled out and remittance shall be made before a permit will be issued or an inspection will be made. Clean backfill shall be used to bury waterlines. Questions about the permits call 744-2451 ext. 120, for inspections 744-2888.

The form can be found on the City's web page.

Sincerely,

Keith Price
Building & Zoning/Code Officer