

NOTES:

1. Water Service Pipe / Tube:

- A. For 1" water services, use ultra high molecular weight (UHMW), high density polyethylene (HDPE) pipe, ASTM D2329 / PE 3408, as manufactured by Drisco Pipe, Westflex, or approved equal, rated at 160 psi, SDR - 9, in iron pipe size (ips).
- B. For 1-1/2" and 2" water services, use UHMW, HDPE tube ASTM D-2737 / PE 3408, as manufactured by Drisco Pipe, Westflex, or approved equal, rated at 200 psi, SDR - 9, in copper tube size (cts).

2. Corporation Stops:

- A. 1" HDPE pipe - use James Jones J3402, Ford F1101, or approved equal.
- B. 1-1/2" or 2" HDPE tube - use James Jones J1937, Ford FB1000, or approved equal.
- C. All fittings shall have AWWA-CC threaded inlets.
- D. All HDPE pipe and tube compression connections shall use a manufacturer's recommended stainless steel inserts.

3. Ells:

- A. For 1" HDPE pipe, use James Jones J2611, Ford L66-44, or approved equal.
- B. For 1-1/2" or 2" HDPE tube, use James Jones J26211, Ford L44-66 for 1-1/2" tube, Ford L44-77 for 2" tube, or approved equal.
- C. All HDPE pipe and tube compression connections shall use manufacturer's recommended stainless steel inserts.

4. Angle Meter / Curb Stop:

- A. For 1" HDPE pipe, use James Jones J4202, Ford kv6j-444w, or approved equal.
- B. For 1-1/2" or 2" HDPE tube, use James Jones J4205, Ford FV43-666W for 1-1/2" tube, Ford FV43-777W for 2" tube, or approved equal.
- C. All angle meter / curb stops shall include lock wings.

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NOTES:

5. Service Saddles:

A. The service saddle for all sizes of water service lines shall be a James Jones J996, Ford 90S, or approved equal, with double strapping, AWWA CC threaded outlet and buna N rubber seat gasket.

6. Meter Boxes:

A. For 1" water services, use Brooks No. 37 or Christy No. B12 body. Lids shall be concrete with reading lid features or cast iron for traffic exposure such as a Brooks No. 37T or Christy b-12C, or approved equal.

B. For 1-1/2" and 2" water services, use a Brooks No. 66 or Christy No. B36 body. Lids shall be concrete with a reading lid feature or for traffic exposure a steel cover such as a Christy B-36-61G or Brooks No. 66TR, or approved equal.

C. Where H-20 traffic loading is expected, a special box and lid such as Christy B-1720 with 1/2" steel lid as approved by the City Engineer shall be used.

7. Meter Idler Pipe:

A. For 1" water service, use a 10-3/4" long idler pipe, Ford No. 4 idler pipe or approved equal.

B. For 1-1/2" water service, use a 13" long idler pipe, Ford No. 6 idler pipe or approved equal.

C. For 2" water service, use a 17" long idler pipe, Ford No. 7 idler pipe, or approved equal.

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