



RESIDENTIAL AND SMALL BUSINESS SERVICE CONNECTIONS

① Service Saddle

Use Cascade Stainless Steel Saddle or equal approved by BCWS.

② 2" GATE VALVE & VALVE BOX

2" Gate Valve - AWWA C509. Mueller A-2360/US Pipe A-USPO-23/American Flow Control 2500 Series; or equal approved by BCWS. Valve to be supported. See BCWS approved parts list for Valve Box.

③ POLYETHYLENE WATER SERVICE TUBING

Service Tubing shall be 2" copper tubing size (CTS) OD polyethylene plastic tubing (PET) suitable for underground water services, in conformance with ASTM D2737 (PE 3406), with a rated working pressure of 160 psi. For dual service installation use 2" CTS tubing between service tee and meter box.

④ Insert Stiffener/Liner

Ford 50 Series cts Stainless Steel Stiffener for Polyethylene Tubing; Mueller 110 CTS Stainless Steel Compression Connection Liner; or equal approved by BCWS.

⑤ Meter Box

Carson Model 1220-12 Plastic-Oversized or equal approved by BCWS.

⑥ Dual Service Installation

To split 2" CTS polyethylene plastic tubing (PET) to serve two customers, use Ford Pack Joint Tee, Catalog Number T44-777G with 2"x 2"x 2" Ford Grip Joint for CTS PET or Ford Pack Joint Model Y44-243. Install 3' of 2" CTS PET on both sides of the grip joint tee to allow for BCWS meter box installation.

⑦ Meter

Meters to be provided by the BCWS.

⑧ 2" Brass Nipple

Install 2 inch Brass Close Nipple. Brass nipple to be 2 inches in length.

⑨ BOXLOK or Valve Box Adaptor II required on all valve boxes.

WATER PANEL 1C

2" WATER SERVICE CONNECTION & METER BOX INSTALLATION

NOT TO SCALE

BERKELEY COUNTY WATER AND SANITATION
POTABLE WATER & SANITARY SEWER STANDARDS

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