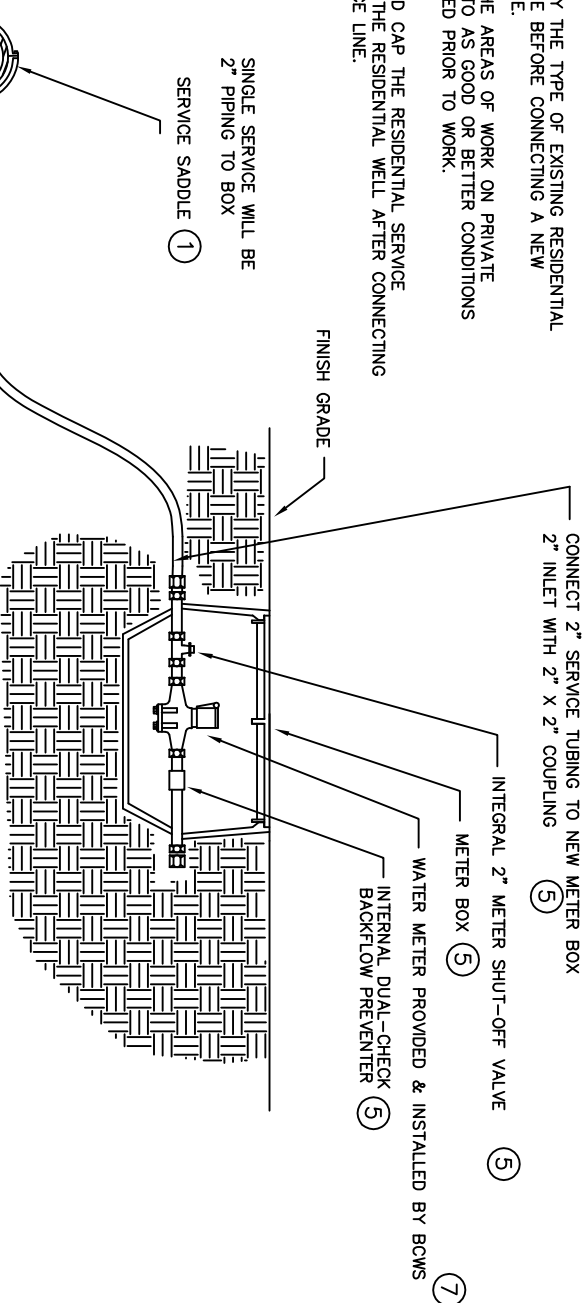
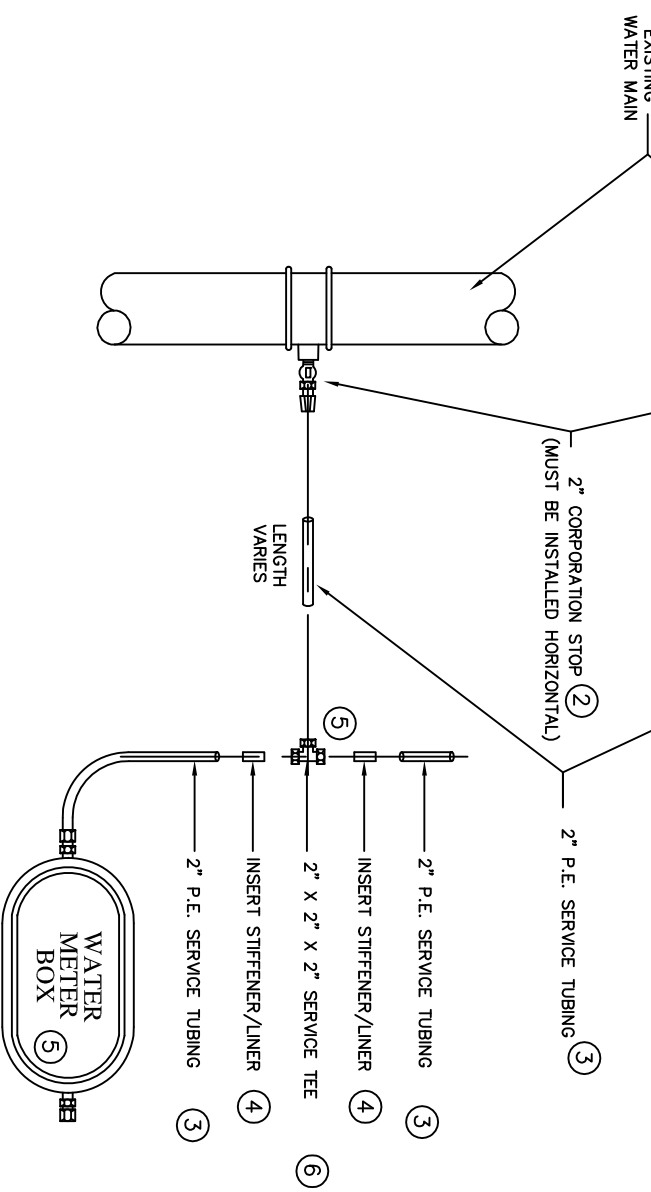


**RESIDENTIAL AND SMALL BUSINESS SERVICE CONNECTIONS**

- NOTES:
1. FIELD VERIFY THE TYPE OF EXISTING RESIDENTIAL SERVICE LINE BEFORE CONNECTING A NEW SERVICE LINE.
  2. RESTORE THE AREAS OF WORK ON PRIVATE PROPERTY TO AS GOOD OR BETTER CONDITIONS THAN EXISTED PRIOR TO WORK.
  3. ISOLATE AND CAP THE RESIDENTIAL SERVICE LINE FROM THE RESIDENTIAL WELL AFTER CONNECTING NEW SERVICE LINE.



TYPICAL SINGLE SERVICE PROFILE



TYPICAL DUAL SERVICE PLAN

- 1 Service Saddle**  
Use Cascade Stainless Steel Saddle or equal approved by BCWS.

- 2 Corporation Stop**  
Ford Catalog Number FB1000-7-G AWWA/ACC with tapered thread inlet by Grip Joint outlet for Copper or Plastic Tubing (CTS); Mueller 2" Ground Key Corporation Valve with AWWA Tapered Thread (CC) Inlet and Insta-Tite connection for CTS P.E. plastic tubing outlet; or equal approved by BCWS.

- 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 Part No. 1220-5 Non Bolt 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 "Y." 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.

**2" WATER SERVICE CONNECTION & METER BOX INSTALLATION**

NOT TO SCALE

WATER PANEL 1C

BERKELEY COUNTY WATER AND SANITATION  
POTABLE WATER & SANITARY SEWER STANDARDS

Revised: 09/22/08