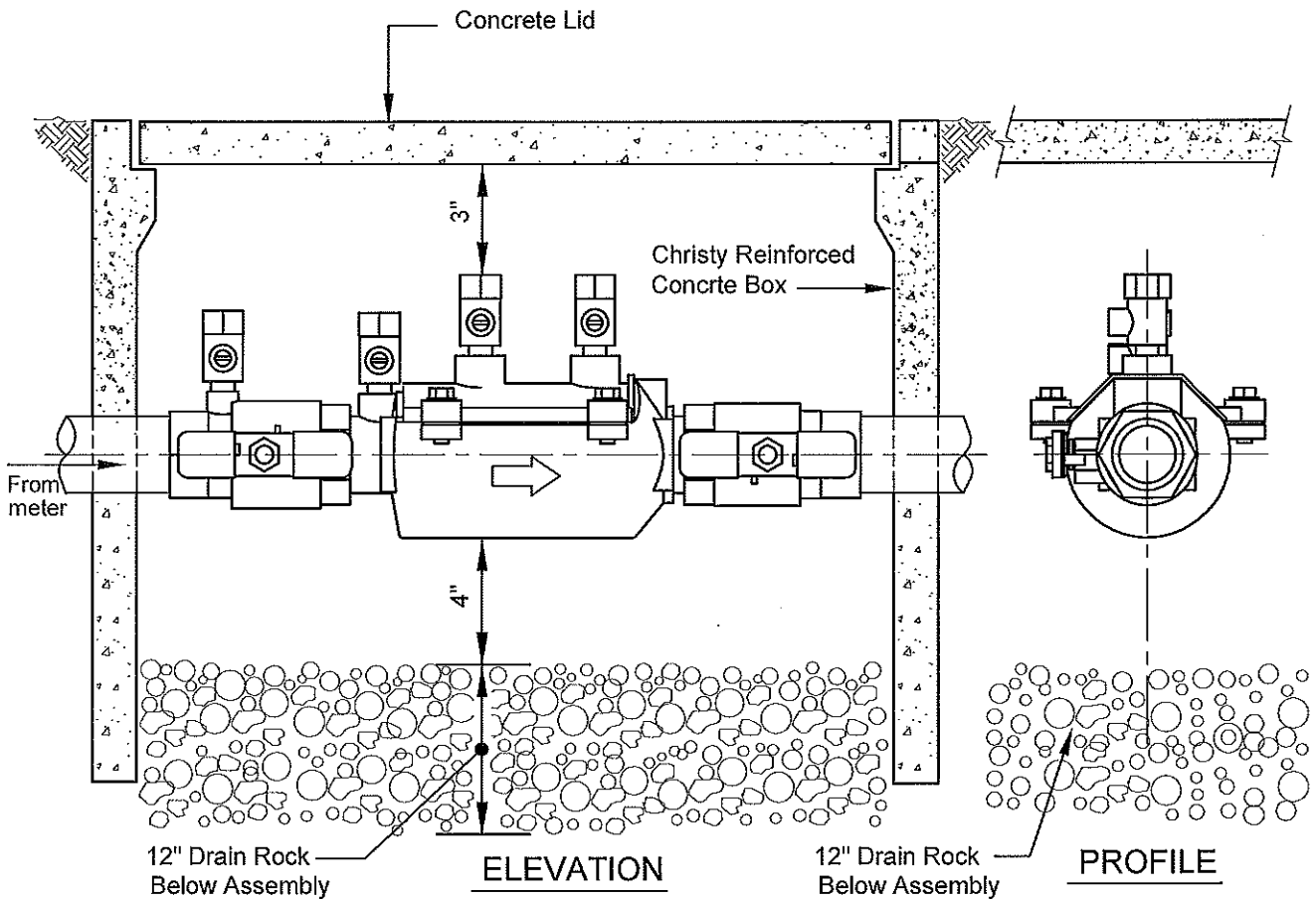


DOUBLE CHECK VALVE ASSEMBLY



NOTE:

1. Below grade Double Check Valves (DC) shall be installed for residences using groundwater or creek water for landscape irrigation; and that do not have a cross connection. If a cross connection exists, those properties will be required to use an above grade Reduced Pressure Principle Backflow Preventer (RP).
2. The DC shall be Wilkins Model 350XL "Lead Free" or approved equal; and installed in a Christy B16 or approved equal concrete box. The box shall provide enough space around the DC to allow for testing and maintenance.
3. The DC shall be installed in the upright position, such that the test cocks are facing upward.
4. The DC shall be installed in the center of the box to provide equal distance on either side of the device.
5. The DC shall be installed as close to the meter as feasible as determined by the City.

NOT TO SCALE



DATE: 08/16/12

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
BACKFLOW PREVENTION DEVICE
 (FOR RESIDENTIAL USE ON HOMES
 WITH PRIVATE WELL)

DETAIL

BPD-1a
 SHT 1 OF 1