



PLAN

Note: DCVA (if necessary) must be installed downstream of bypass tee

NOTES:

1. Each valve outside of meter box shall have a valve box.
2. Installation plans must be approved by Director of Public Works/City Engineer.
3. Water meters shall be equipped with an automatic meter reader (AMR), check valve and strainer.
4. Additional gate valve is required in the event that the existing watermain is located on opposite side of the street.
5. All mechanical joints shall be provided with approved joint restraint devices, "MEGALUGS" by EBBA, or equal.
6. Thrust blocks are required at all bends, tees and valves in accordance with Standard Detail W-7.
7. All Nuts, Bolts and washers shall be Stainless Steel
8. All flange bolts and nuts shall be kept clear of concrete, greased and wrapped.
9. Metallic underground tape shall be placed 1 ft. above top of pipe.
10. Tracing wire required for all non-metallic pipe.
11. Double Check Valve Assembly (DCVA) required if combined potable water and fire supply line.
12. Cut-in Tee must have minimum 30-in. clearance from adjacent joints and fittings on C.I.P. and D.I.P.
13. Cut-in Tee must have minimum 36-in. clearance from adjacent joints and fittings on AC and PVC

NOT TO SCALE

**STANDARD
DETAIL**

CITY OF BRISBANE
DEPARTMENT OF PUBLIC WORKS

DATE: 12/03/18

**STANDARD WATER SERVICE
LAYOUT PLAN - 3" & Larger**

W-4B