DETAILS SHOWN ARE SCHEMATIC ONLY. REFER TO NOTES ON WT-01 (2 OF 3).
FOR ADDITIONAL THRUST BLOCKS SEE WT-01 (3 OF 3)
NOTES:
1) REFER TO SECTION 03000 OF SPECIFICATIONS
2) THRUST BLOCKS AND ANCHOR BLOCKS SHALL BE SIZED BY THE DESIGN ENGINEER IN ACCORDANCE
   WITH SECTION 5.2 OF THE WATER AGENCIES' STANDARDS DESIGN GUIDELINES (WADG)
3) THRUST BLOCKS SHALL BE CENTERED ON THE FITTING SO THAT THE BEARING AREA IS EXACTLY
   OPPOSITE THE RESULTANT DIRECTION OF THRUST
4) CONCRETE SHALL BE PLACED SO THAT FITTINGS AND VALVES WILL BE ACCESSIBLE FOR REPAIRS
   OR REPLACEMENT
5) ALL THRUST AND ANCHOR BLOCKS SHALL BE Poured AGAINST WETTED UNDISTURBED SOIL
6) FOR MINIMUM CONCRETE CURING TIME REFER TO SECTION 03000 OF SPECIFICATIONS
7) FOR ADDITIONAL THRUST BLOCKS SEE WT-01 (1 OF 3) AND (3 OF 3)
8) DETAILS SHOWN ON WT-01 (1 OF 2) AND (3 OF 3) ARE SCHEMATIC ONLY.
Tee with Gate Valves

Butterfly Valve (Typ)
Actuator (Typ)
Sand Bags (Typ)
Bearing Area "A" (Typ)

Tee with Butterfly Valves on Main

Gate Well Typical
See WV-01 & WV-02

Concrete Thrust and Anchor Block Installations

Notes:
1) Bearing Area "B" must be equal to or greater than the area required for a 90° Elbow Installation
2) Install sand bags around butterfly valve actuator to isolate it from concrete
3) BFV's installed at crosses or tees require a flanged ductile iron spool to be installed between the fitting and valve in accordance with Section 15056 of the Specifications

Water Agencies Standards
Committee Approval: 11/01/2002
Drawing Number: WT-01 (3 of 3)