

SIDE VIEW  
TYP.

END VIEW

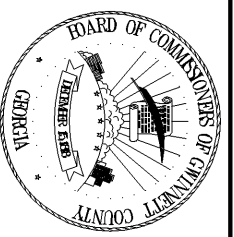
**VAULT SPECIFICATIONS**

1. THIS DRAWING SHALL BE USED FOR INSTALLATION OF 6" DOUBLE DETECTOR CHECK VALVE WITH 4" COMPOUND METER.
2. ALL PIPE AND FITTINGS SHALL BE FLANGED DUCTILE IRON PIPE, EXCEPT WHERE NOTED.
3. VAULT TOP SHALL BE 6" THICK REINFORCED CONCRETE. MINIMUM INSIDE HEIGHT IS 6'-0". VAULT BOTTOM IS 4" CONCRETE SLAB SLOPED TO 1/2" x 1/2" DRAIN SUMP HOLE. SLAB TO BE POURED ON 12" OF COMPACTED NO. 57 STONE. HATCH OPENING SHALL BE TO ONE SIDE OF VAULT AT THE CENTER POINT OF THE WALL.
4. HATCH SHALL BE BILCO ALUMINUM MODEL JD-44L OR EQUAL APPROVED IN ADVANCE BY GDDPU.
5. VAULT INLET/OUTLET OPENINGS SHALL BE SEALED WITH CONCRETE OR BRICK AND MORTAR AROUND PIPE. PIPE MUST NOT SUPPORT VAULT.
6. VAULT SHALL BE PRECAST FOR NON-LOAD BEARING APPLICATION. WHEN VAULT WILL BE SUBJECTED TO LIVE LOAD, CUSTOMER'S ENGINEER SHALL SUBMIT DETAILED VAULT DESIGN FOR GDDPU APPROVAL IN ADVANCE OF CONSTRUCTION.
7. ACCESS LADDER - SHALL BE DOWELED TO WALL AND CENTERED AT HATCH OPENING.
8. ALL CHECK VALVE AND METER ASSEMBLIES SHALL BE SUPPORTED IN TWO (2) PLACES ON CAP BLOCKS OR STEEL. NO WOOD IS ALLOWED.
9. THRUST BLOCKS - SHALL CONFORM TO GDDPU DRAWING NO. A-24 (LATEST REVISION).
10. THRUST THE RODS - SHALL CONFORM TO GDDPU DRAWING NO. S-A-33, A-74, AND

11. 6" DOUBLE DETECTOR CHECK VALVE ASSEMBLY SHALL BE WATTS MODEL 709 DDDA, HERSEY MODEL DDG-II, FEBCO MODEL 856, AMES MODEL 3000 SS, OR EQUAL APPROVED IN ADVANCE BY GDDPU.
12. GDDPU SHALL FURNISH FIRE METER WITH STRAINER. ALL OTHER MATERIALS SHALL BE FURNISHED BY CUSTOMER.
13. DOUBLE DETECTOR CHECK VALVE ASSEMBLY DIMENSIONS SHOWN ARE FOR WATTS MODEL 709 DDDA. 4" DOUBLE CHECK VALVE ASSEMBLY DIMENSIONS ARE FOR WATTS MODEL 709. OTHER VALVE ASSEMBLY DIMENSIONS MAY VARY.
14. VAULT SHALL BE INSTALLED ON PRIVATE PROPERTY. CUSTOMER MUST PROVIDE A 15' x 30' EASEMENT AND/OR RIGHT OF ENTRY CLAUSE.
15. MINIMUM CLEARANCE FROM VAULT FLOOR TO BOTTOM OF FLANGES SHALL BE 12".
16. VALVE PAD AND VALVE MARKER SHALL BE INSTALLED WHERE APPROPRIATE.

**NOTES**

1. NO WORK SHALL BEGAIN WITHOUT OBTAINING "CONSTRUCTION PERMIT" FROM THE DEPARTMENT OF PUBLIC UTILITIES (GDDPU).
2. NO TAPS TO GWINNETT COUNTY WATER MAINS SHALL BE MADE WITHOUT THE INSPECTOR PRESENT.
3. ALL BACKFLOW PREVENTION DEVICES SHALL MEET OR EXCEED GDDPU SPECIFICATIONS.
4. ALL BACKFLOW PREVENTION DEVICES MUST BE TESTED BY A TESTER FROM THE GWINNETT COUNTY APPROVED TESTERS LIST BEFORE A FINAL C.O. WILL BE ISSUED. (AN APPROVED TESTERS LIST MAY BE OBTAINED BY CALLING 678-376-6907.)



GWINNETT COUNTY  
DEPARTMENT OF PUBLIC UTILITIES  
BACKFLOW PREVENTION  
"A community-environmental  
health protection program"

6" DOUBLE DETECTOR CHECK VALVE  
WITH 4" COMPOUND METER

DRAWN BY: JDS      DATE: 07-21-04      SCALE: N.T.S.