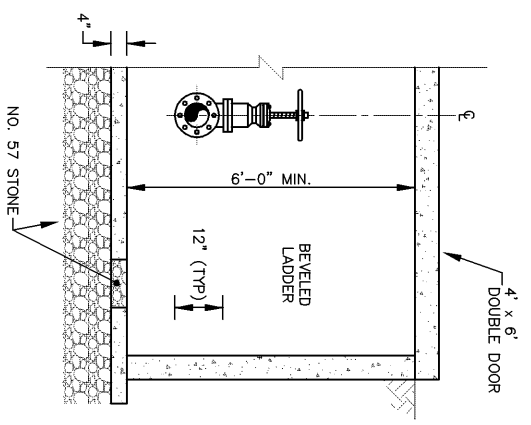


SIDE VIEW TYP.



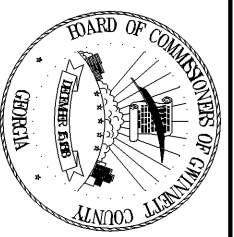
END VIEW

VAULT SPECIFICATIONS

- THIS DRAWING SHALL BE USED FOR INSTALLATION OF 8 DOUBLE DETECTOR CHECK VALVE WITH 4 COMPOUND METER.
- ALL PIPE AND FITTINGS SHALL BE FLANGED DUCTILE IRON PIPE, EXCEPT WHERE NOTED.
- VAULT TOP SHALL BE 6" THICK REINFORCED CONCRETE. MINIMUM INSIDE HEIGHT IS 6'-0". VAULT BOTTOM IS 4" CONCRETE SLAB SLOPED TO 12" x 12" 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.
- HATCH SHALL BE BILCO ALUMINUM MODEL JD-44L OR EQUAL APPROVED IN ADVANCE BY GODPU.
- VAULT INLET/OUTLET OPENINGS SHALL BE SEALED WITH CONCRETE OR BRICK AND MORTAR AROUND PIPE. PIPE MUST NOT SUPPORT VAULT.
- 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 GODPU APPROVAL IN ADVANCE OF CONSTRUCTION.
- ACCESS LADDER - SHALL BE DOWELED TO WALL AND CENTERED AT HATCH OPENING.
- ALL CHECK VALVE AND METER ASSEMBLIES SHALL BE SUPPORTED IN TWO (2) PLACES ON CAP BLOCKS OR STEEL. NO WOOD IS ALLOWED.
- THRUST BLOCKS - SHALL CONFORM TO GODPU DRAWING NO. A-24 (LATEST REVISION).
- THRUST THE RODS - SHALL CONFORM TO GODPU DRAWING NO. S-A-33, A-74, AND
- THRUST RODS SHALL EXTEND FROM FIRST FLANGE INSIDE VAULT TO TAPPING VALVE (WELDED TO CASING ON LONG SIDE BORE).
- 8" DOUBLE DETECTOR CHECK VALVE ASSEMBLY SHALL BE WATTS MODEL 709 DDDA, AMES MODEL 3000 SS, OR EQUAL APPROVED IN ADVANCE BY GODPU.
- DOUBLE CHECK VALVE ASSEMBLY SHALL BE WATTS MODEL 709, HERSEY MODEL HDG, FERBO MODEL 850, AMES MODEL 2000 SS, OR EQUAL APPROVED IN ADVANCE BY GODPU.
- DOUBLE CHECK VALVE ASSEMBLY SHALL BE WATTS MODEL 007U, HERSEY MODEL #2, FERBO MODEL 850U, AMES MODEL 2000SE, OR EQUAL APPROVED IN ADVANCE BY GODPU.
- 8" AND 4" CHECK VALVES SHALL BE EQUIPPED WITH OS&Y RESILIENT SEATED GATE VALVES.
- GODPU SHALL FURNISH FIRE METER WITH STRAINER. ALL OTHER MATERIALS SHALL BE FURNISHED BY CUSTOMER.
- 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.
- VAULT SHALL BE INSTALLED ON PRIVATE PROPERTY. CUSTOMER MUST PROVIDE A 15' x 30' EASEMENT AND/OR RIGHT OF ENTRY CLAUSE.
- MINIMUM CLEARANCE FROM VAULT FLOOR TO BOTTOM OF FLANGES SHALL BE 12".
- VALVE PAD AND VALVE MARKER SHALL BE INSTALLED WHERE APPROPRIATE.

NOTES

- NO WORK SHALL BEGAIN WITHOUT OBTAINING "CONSTRUCTION PERMIT" FROM THE DEPARTMENT OF PUBLIC UTILITIES (GODPU).
- NO TAPS TO GWINNETT COUNTY WATER MAINS SHALL BE MADE WITHOUT THE INSPECTOR PRESENT.
- ALL BACKFLOW PREVENTION DEVICES SHALL MEET OR EXCEED GODPU SPECIFICATIONS.
- 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 678-576-6907.)



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

8" DOUBLE DETECTOR CHECK VALVE
 WITH 4" COMPOUND METER

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