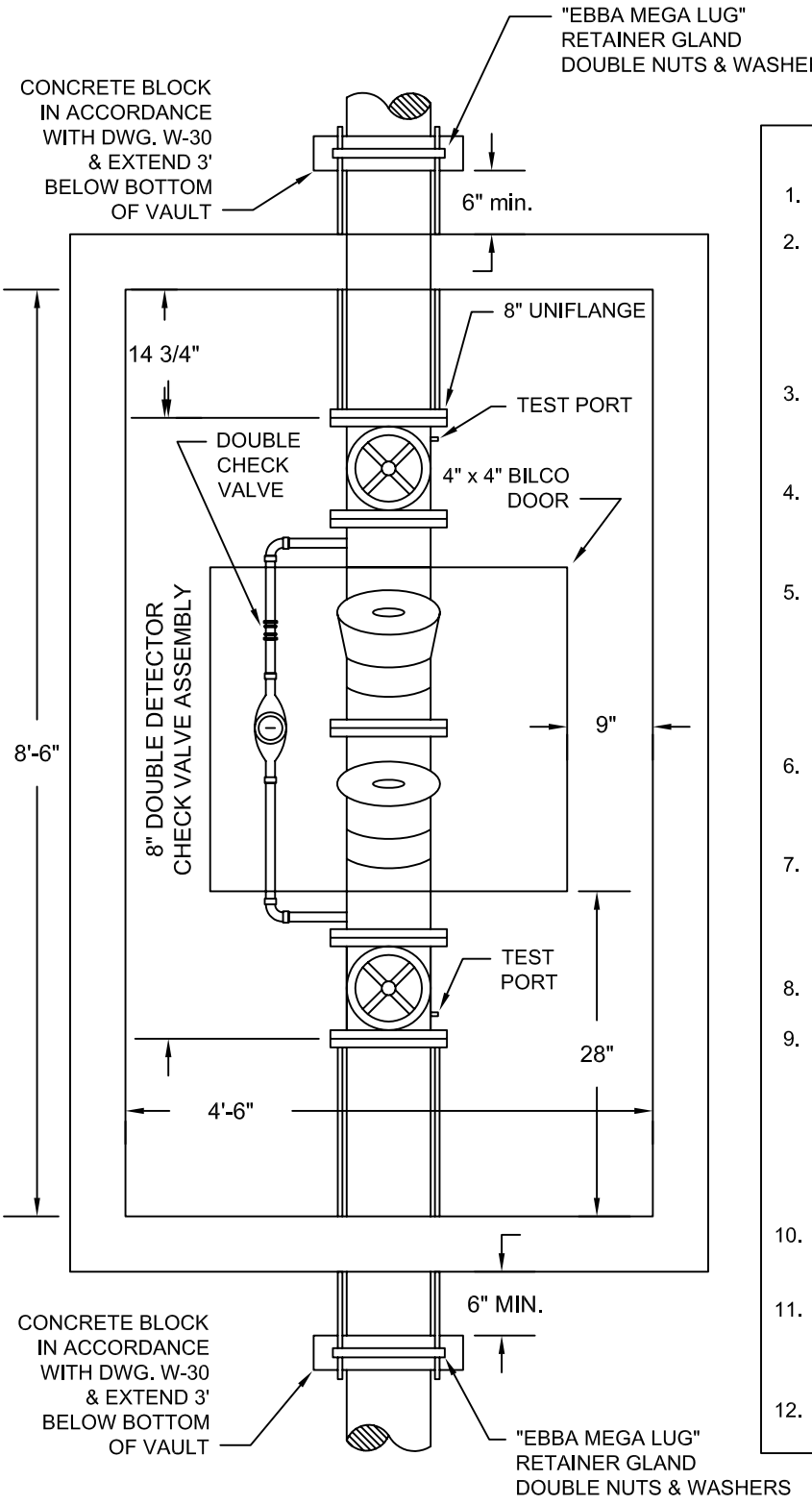

NOTES:

1. ALL FITTINGS ARE FLANGED.
2. VAULT TOP IS REINFORCED. MINIMUM INSIDE HEIGHT IS 6 FEET. VAULT BOTTOM IS 4" CONCRETE SLAB SLOPED TO DRAIN TO 4" OFF-CENTER SUMP HOLE. SLAB TO BE POURED ON 4" OF COMPACTED NO. 57 STONE.
3. HATCH IS BILCO ALUMINUM SINGLE MODEL J-4AL OR EQUAL APPROVED IN ADVANCE BY THE CITY OF CUMMING.
4. VAULT INLET/OUTLET OPENINGS TO BE SEALED WITH MORTAR MIX AROUND PIPE. PIPE MUST NOT SUPPORT VALVE.
5. 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 CITY OF CUMMING APPROVAL IN ADVANCE OF CONSTRUCTION.
6. DOUBLE CHECK VALVE ASSEMBLY SHALL BE SUPPORTED IN AT LEAST THREE (3) PLACES ON CAP BLOCKS OR BRICK.
7. ALL RODS SHALL BE BITUMASTIC COATED AND SHALL EXTEND FROM FIRST FLANGE INSIDE VAULT TO TAPPING VALVE. (WELDED TO CASING ON LONGSIDE BORE)
8. ALL PIPE AND FITTINGS TO BE DUCTILE IRON.
9. DOUBLE CHECK VALVE ASSEMBLY SHALL BE WATTS MODEL 700, AMES MODEL 3000SE, OR FEBCO 806 W/OS&Y RESILIENT SEATED GATE VALVES TAPPED FOR TESTING OR EQUAL APPROVED IN ADVANCE BY THE CITY OF CUMMING. SMALL BY-PASS CHECK VALVE ASSEMBLY SHALL BE EQUAL TO LARGE VALVE.
10. ALL MATERIALS SHALL BE FURNISHED BY THE CUSTOMER.
11. VAULT SHALL BE INSTALLED ON PRIVATE PROPERTY. THE CUSTOMER MUST PROVIDE A 15' x 30' EASEMENT.
12. MINIMUM CLEARANCE FROM VAULT FLOOR TO BOTTOM OF FLANGES TO BE 8".

REVISIONS

City of Cumming

Department of Utilities - Distribution and Collection Division

8-INCH DOUBLE DETECTOR CHECK VALVE CONFIGURATION

W-60