LEGEND

1. CURRENT STATE AND CITY APPROVED BACKFLOW ASSEMBLY INCLUDING: 2-0.S.& Y RESILIENT SEATED GATE VALVES.
2. UNI-FLANGE WITH SET SCREWS OR MJ X FL ADAPTOR WITH MEGALUG OR GALVANIZED SHACKLE TO MAIN WITH 2-3/4" RODS, OR MJ RETAINER GLANDS.
3. PRECAST TRAFFIC RATED CONCRETE VAULT WITH STEEL ACCESS HATCH (AS MANUFACTURED BY UTILITY VAULT CO OR AN APPROVED EQUAL). PROVIDE OSHA APPROVED HOT DIPPED GALVANIZED STEEL LADDER. INSTALL IN SUCH A WAY THAT VAULT ACCESS DOES NOT INTERFERE WITH INSTALLED EQUIPMENT MAINTENANCE.
4. DUCTILE IRON PIPE (SIZED AS REQUIRED) CLASS 52.
5. WATER TIGHT GROUT SHALL BE USED IN ALL VAULT PENETRATIONS.
6. 2 - GALVANIZED ADJUSTABLE PIPE SUPPORTS FOR 2 1/2" DIAM AND LARGER PIPE.
7. GRAVEL FOUNDATION AS REQUIRED.
8. DRAIN, SLOPE TO DAYLIGHT WHEN POSSIBLE OR WORKING SUMP PUMP.

NOTES

1. TEE AND GATE VALVE REQUIRED ON MAIN.
2. SINGLE CHECKS ARE NOT APPROVED BACKFLOW PREVENTION DEVICES.
3. ASSEMBLY REQUIRES CERTIFICATION UPON INSTALLATION AND RECertiFICATION ANNUALLY.
4. TEST COCKS ARE REQUIRED TO BE PLUGGED IF ASSEMBLY IS INSTALLED UNDERGROUND.
5. MAXIMUM HEIGHT OF ASSEMBLY IS FIVE FEET UNLESS AN OSHA APPROVED PLATFORM IS PROVIDED.
6. MINIMUM INSIDE VAULT HEIGHT IS 78" FOR 3" SERVICE AND LARGER.
7. IF WATER METER IS INSTALLED INSIDE VAULT, IT SHALL BE INSTALLED SUCH THAT IT CAN BE READ WITHOUT ENTERING VAULT BY MEANS OF A TOUCH READ ADAPTER.
8. ALL DIMENSIONS ARE MINIMUM CLEARANCE REQUIREMENTS.
9. IF A DETECTOR CHECK OR BYPASS IS INSTALLED, IT MUST HAVE A SIMILAR TYPE OF BACKFLOW DEVICE AND ALL CLEARANCES MUST BE MAINTAINED.