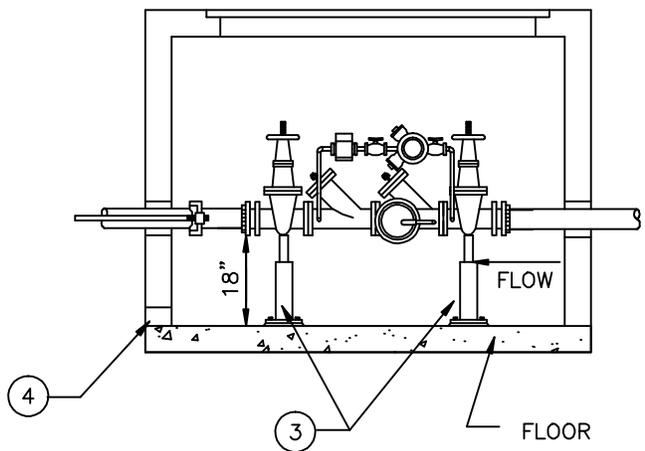


**PLAN**



**ELEVATION**

**MATERIAL LIST:**

- ① WASHINGTON STATE APPROVED REDUCED PRESSURE DETECTOR ASSEMBLY INCLUDING: 2 EACH O.S.& Y RESILIENT SEATED GATE VALVES, TEST COCKS, 3/4" BRASS OR COPPER BYPASS WITH IN-LINE VALVES, 5/8" METER (METER TO READ IN CUBIC FEET), AND A 3/4" REDUCED PRESSURE BACKFLOW ASSEMBLY.
- ② UNI-FLANGE WITH SET SCREWS OR MJ x FL ADAPTER WITH MEGALUG OR GALVANIZED SHACKLE TO MAIN WITH 2 EACH 3/4" RODS, OR MJ RETAINER GLANDS.
- ③ TWO - GALVANIZED ADJUSTABLE PIPE SUPPORTS FOR 2-1/2" DIAMETER AND LARGER PIPE.
- ④ DRAIN SHALL BE INSTALLED WITH APPROVED AIR GAP, BE ABLE TO BE BORE SIGHTED TO DAYLIGHT WHICH MUST BE ABOVE 100 YEAR FLOOD LEVEL. DRAIN WILL BE SIZED SO AS TO PROVIDE FREE GRAVITY DRAINAGE OF MAXIMUM DISCHARGE OF RELIEF VALVE PORT.

**NOTES:**

- 1. TEE AND GATE VALVE REQUIRED AT WATER MAIN.
- 2. TEST CLOCKS ARE REQUIRED TO BE PLUGGED IF ASSEMBLY IS INSTALLED UNDERGROUND.
- 3. ASSEMBLY REQUIRES CERTIFICATION UPON INSTALLATION AND RECERTIFICATION ANNUALLY, BY OWNER.
- 4. 3" AND LARGER RPDAS REQUIRE EITHER AN APPROVED BUILDING ENCLOSURE OR MUST BE INSTALLED INSIDE THE BUILDING BEING SERVED.



APPROVED BY	L. OLIVE
DATE	07/31/2008
REF STAD SPEC	

DEPARTMENT OF PUBLIC WORKS  
**STANDARD DETAILS**  
 REDUCED PRESSURE DETECTOR ASSEMBLY  
 (RPDA) 3" AND LARGER

STANDARD DETAIL  
 NUMBER  
**W-150**