


- ① UNIVERSITY OF SOUTHERN CALIFORNIA APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY (RPBA) OS&Y RESILIENT SEAT GATE VALVE EACH END AND LOW FLOW METER ASSEMBLY.
- ② ALUMINUM INSULATED ENCLOSURE MODELS 4 THROUGH 10 FOR RESPECTIVE SIZE RPBA SHALL BE MODIFIED TO FIT ABOVE HEIGHT REQUIREMENTS. VALVE STEM SHALL NOT EXTEND OUTSIDE OF BOX.

NOTES:

1. INSULATED ENCLOSURE TO BE LOCATED OUTDOORS AND ACCESSIBLE TO DISTRICT. ALTERNATE LOCATION REQUIRES DISTRICT APPROVAL.
2. HEATERS AND WIRING SHALL BE RATED AT 2,000 WATT FOR 8" AND UNDER. 3,000 WATT FOR 10".
3. CONCRETE TO BE 2500 PSI (MIN.) MIX WITH AIR ENTRAINMENT.
4. COMPLETE ALL WORK IN ACCORDANCE WITH STATE, DISTRICT, AND MANUFACTURER STANDARDS.
5. SYSTEM SHALL NOT BE PUT INTO SERVICE UNTIL RPBA IS APPROVED BY THE DISTRICT AND TESTED/CERTIFIED BY A WASHINGTON STATE LICENSED TESTER.
6. RPBA IS CONSIDERED PART OF THE PRIVATE SYSTEM AND SHALL BE MAINTAINED BY THE PROPERTY OWNER WITH ANNUAL CERTIFICATION REQUIRED.
7. DRAIN TO DAYLIGHT WITH BIRD SCREEN LOCATED AT SLAB LEVEL (SIZED PER MANUFACTURER'S RECOMMENDATION).
8. NO BRANCH CONNECTIONS ALLOWED BETWEEN METER AND RPBA.
9. RPBA LOCATED IN MECHANICAL ROOM, WHEN APPROVED BY DISTRICT, WILL HAVE ADDITIONAL REQUIREMENTS SUCH AS A RECORDED ACCESS AGREEMENT AND ADEQUATE ROOM DRAINAGE PER MANUFACTURER'S RECOMMENDATIONS.
10. ALL WATER PIPING SHALL BE RESTRAINED JOINT.



Silver Lake Water & Sewer District

**REDUCED PRESSURE
DETECTOR ASSEMBLY
3-INCH AND LARGER**

DATE: 11-2022	DWG: CC8
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