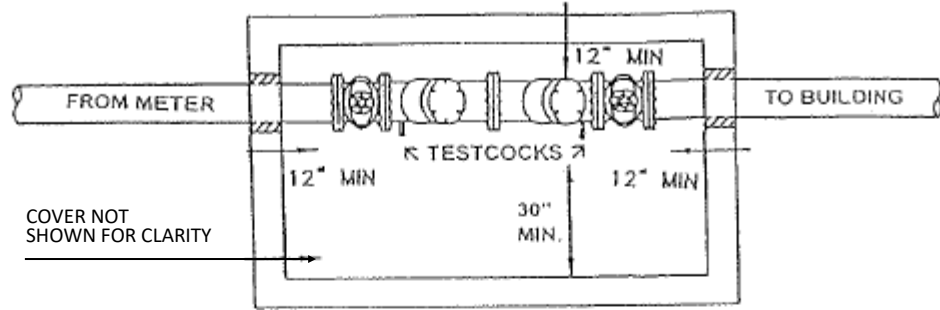


GARDNERVILLE WATER COMPANY: RP – REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY

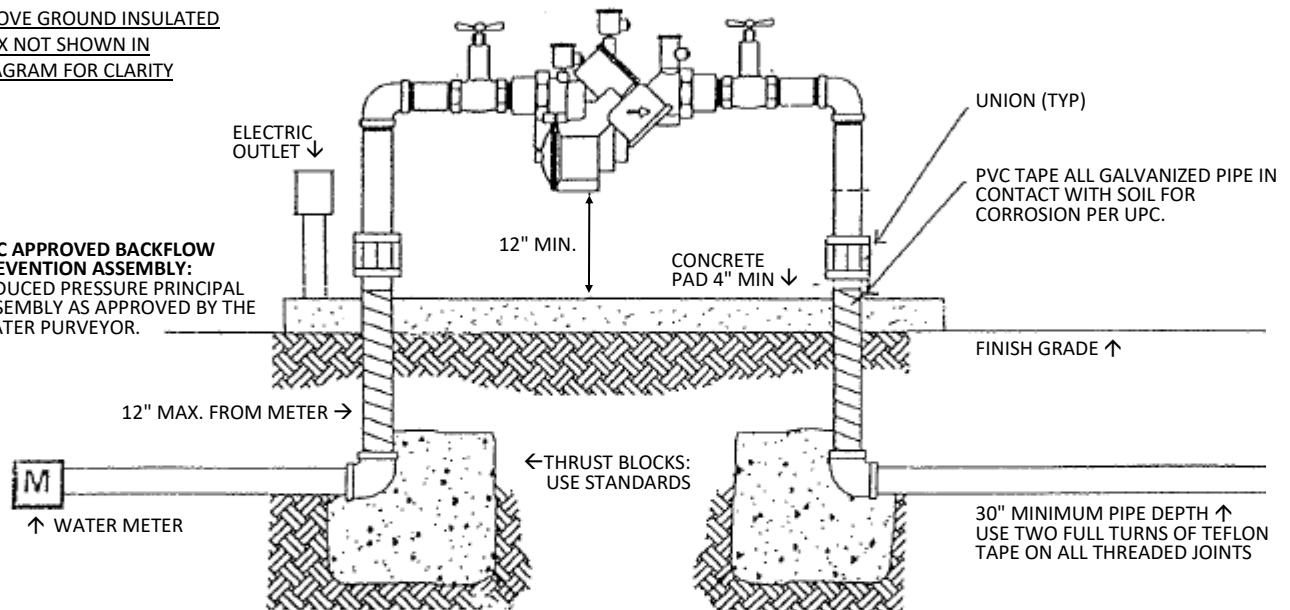
PLAN VIEW



ELEVATION VIEW

ABOVE GROUND INSULATED BOX NOT SHOWN IN DIAGRAM FOR CLARITY

USC APPROVED BACKFLOW PREVENTION ASSEMBLY: REDUCED PRESSURE PRINCIPAL ASSEMBLY AS APPROVED BY THE WATER PURVEYOR.



AN RP MUST BE ABOVE GRADE.

FREEZE PROTECTION (ABOVE GROUND INSULATED BOX OR ABOVE GROUND VAULT AND REDUNDANT HEAT TAPE) IS REQUIRED.

AN ABOVE INSULATED BOX OR ABOVE GROUND CONCRETE VAULT MUST BE SIZED TO PROVIDE CLEARANCES SHOWN IN PLAN VIEW. A SPRING LOADED LID IS REQUIRED ON LARGE VAULTS.

INSULATED BOX LID MUST SWING CLEAR OF BACKFLOW ASSEMBLY TO PROVIDE CLEARANCES IN PLAN VIEW.

STOP AND WASTE VALVES ARE NOT TO BE USED BETWEEN THE METER AND THE BACKFLOW PREVENTION ASSEMBLY.

ABOVE GROUND VAULTS AND INSULATED BOX MUST PROVIDE ADEQUATELY SIZED DAYLIGHT DRAINS AT PAD LEVEL FOR DRAINAGE.

ELECTRICAL SUPPLY SOCKETS MUST BE AWAY FROM WATER RELIEF PORT AND TESTCOCKS.

THIS STANDARD DETAIL APPLIES TO 3/4" - 2" REDUCED PRESSURE & DOUBLE CHECK BACKFLOW PREVENTION DEVICES.

NO.	REVISION	DATE	GARDNERVILLE WATER COMPANY—STANDARD DETAIL	DRAWING NO.	
1	REVISION	5/19	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (RP) TYPICAL INSTALLATION STANDARD EXTERNAL BACKFLOW PREVENTER-YEAR ROUND SERVICE	RP	
2				DATE:	PAGE:
3					