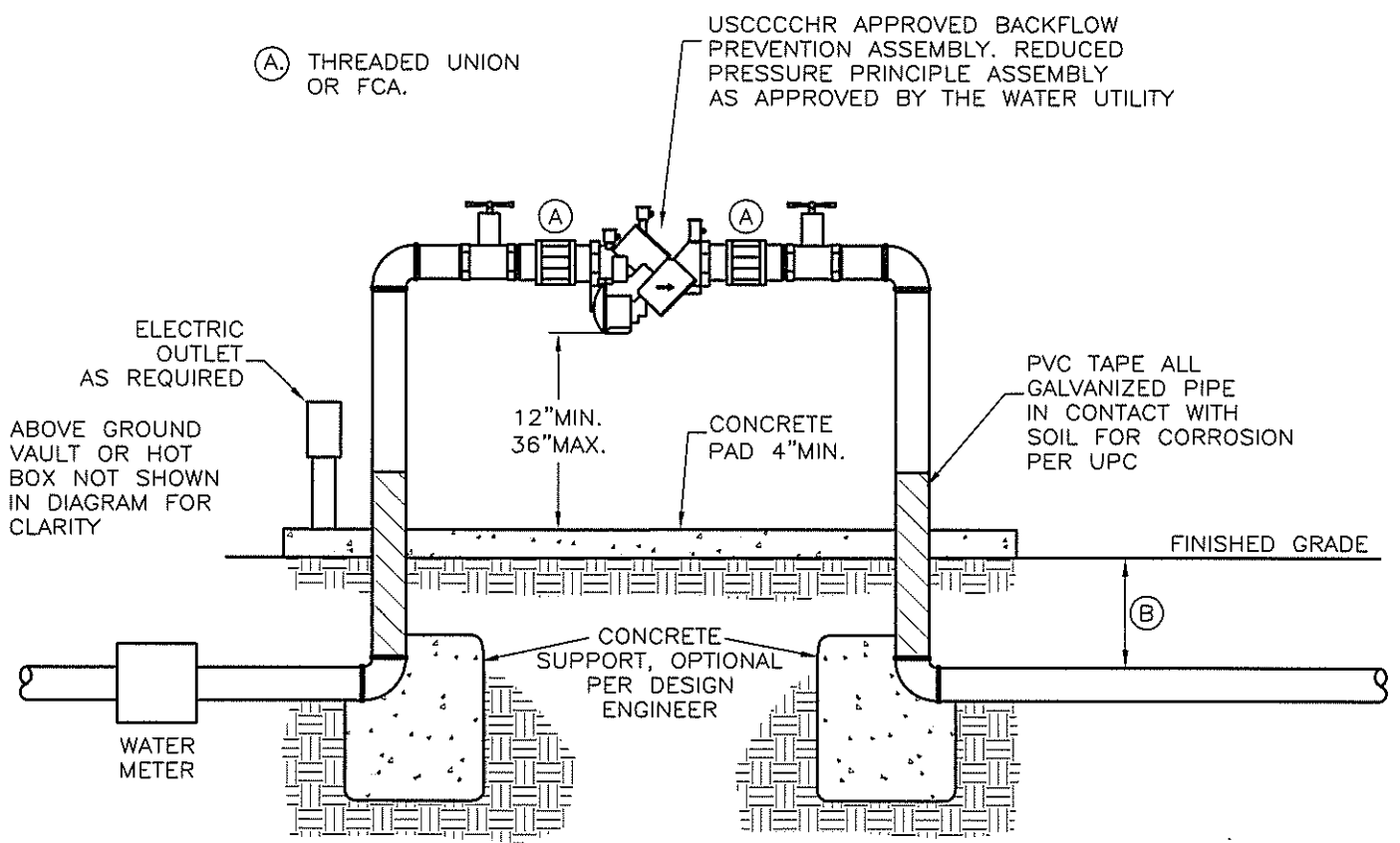


PLAN VIEW



ELEVATION VIEW

(B) 30 INCHES MIN. PIPE DEPTH. USE TWO FULL TURNS OF TEFLON TAPE ON ALL THREADED JOINTS.

SEE NOTES ON PAGE 2

NO.			REVISION			DATE			STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION			SECTION:		
									BACKFLOW PREVENTION ASSEMBLY (RP)			DOUGLAS COUNTY		
												DATE: JULY 2017		
												DWG: B17		

NOTES:

1. RP MUST BE ABOVE GRADE.
2. FREEZE PROTECTION (INSULATED ABOVE GROUND VAULT OR HOT BOX AND REDUNDANT HEAT TAPE) IS REQUIRED.
3. AN ABOVE GROUND VAULT (HOT BOX OR EQUIVALENT) MUST BE SIZED TO PROVIDE CLEARANCES SHOWN IN PLAN VIEW. A SPRING LOADED LID IS REQUIRED.
4. A HOT BOX LID MUST SWING CLEAR OF BACKFLOW PREVENTION ASSEMBLY TO PROVIDE CLEARANCES IN PLAN VIEW.
5. STOP AND WASTE VALVES MUST NOT BE USED BETWEEN THE METER AND THE BACKFLOW PREVENTION ASSEMBLY.
6. ABOVE GROUND VAULTS AND HOT BOX MUST PROVIDE ADEQUATELY SIZED DAYLIGHT DRAINS AT PAD LEVEL FOR DRAINAGE.
7. ELECTRICAL SUPPLY SOCKETS, IF REQUIRED, MUST BE AWAY FROM WATER RELIEF PORT AND TESTCOCKS, AND GFCI PROTECTED.
8. THE BACKFLOW PREVENTION ASSEMBLY DEVICE MUST BE VISUALLY INSPECTED BY A CALIFORNIA / NEVADA AWWA OR ABPA CERTIFIED BACKFLOW TESTER AT THE TIME OF INSTALLATION, YEARLY THEREAFTER, AND AFTER REPAIRS, WITH THE RESULTS SENT TO THE WATER UTILITY.
9. NO OUTLET TEE, TAP OR CONNECTION SHALL BE INSTALLED BETWEEN SERVICE CONNECTION AND BACKFLOW PREVENTION ASSEMBLY.
10. REFER TO RELIEF VALVE DISCHARGE RATE SO THAT ADEQUATE DRAINAGE CAN BE INSTALLED.
11. SUPPORTS REQUIRED FOR ASSEMBLIES 2.5" AND LARGER.
12. INDOOR INSTALLATION OF BACKFLOW PREVENTION ASSEMBLIES (RP's) SHALL MEET INSTALLATION CLEARANCES OF NAC 445A.67235(6).

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