



# CITY OF SELAH

Planning Department • 222 South Rushmore RD. • Selah, WA 98942 • Ph: (509) 698-7365 • [www.selahwa.gov](http://www.selahwa.gov)  
*All final Certificates of Occupancy are subject to final building inspection. Please call to schedule inspections.*

OFFICIAL USE ONLY:

PERMIT#

## UNDER GROUND SPRINKLER APPLICATION

<u>APPLICANT or CONTRACTOR SECTION</u>	<u>PROPERTY OWNER</u>	
Name:	Name:	
Address:	Address:	
City/State/Zip:	City/State/Zip:	
Phone:	Phone:	
License #:	Email:	
Type of Back Flow Prevention: Pressure Vacuum Breaker Assembly:          Atmospheric Vacuum Breaker:          Double Check Valve Assembly:  <b>DESCRIPTION OF WORK:</b> Total Number of Sprinklerheads:		

I hereby certify under penalty of perjury under the laws of the State of Washington that I have read this application and know that the information provided herein is true and complete to the best of my knowledge. I agree to comply with all current building codes, laws, regulations and permit requirements related to this project. I additionally certify that I am the owner of the subject property, or, that I have been given express permission by the owner to submit this application for permit. I agree and grant The City of Selah Building Code Enforcement and Planning Department officials and agents the right to enter the premises as described for this permit application, for the purpose of making inspections and tests as may be required. All permit fees are non-refundable and expire within (180) one hundred and eighty days of issuance.

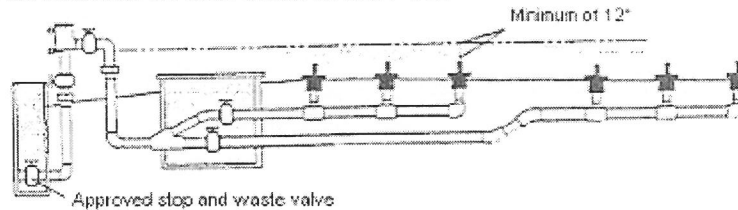
\_\_\_\_\_  
 Owner/ Applicant    Date

\_\_\_\_\_  
 Planning Department Official    Date

# UNDERGROUND SPRINKLER SYSTEM GUIDELINES

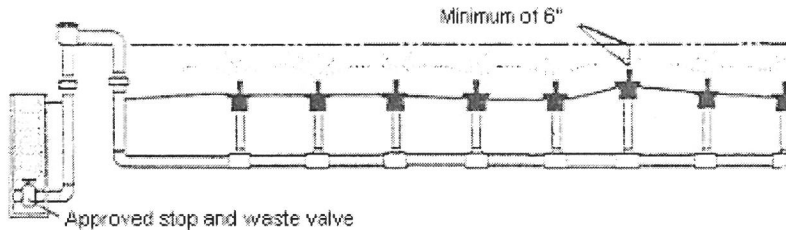
## Pressure Vacuum Breaker Assembly (PVB)

- Only one PVB is required to serve the whole system; control valves can be located downstream of the PVB.
- PVB shall be installed a minimum of one foot (12") above the highest sprinkler.
- Initial Inspection of PVB installations shall be done by the City of Selah's cross connection personnel.
- PVB must be tested by a State certified backflow assembly tester when installed, annually and when moved or repaired.
- In PVB equipped systems, chemicals or fertilizers may not be introduced into the irrigation system.
- A stop and waste valve must be installed within three feet (3') of the PVB and a minimum of thirty inches deep (30"). The stop and waste valve must be accessible. This can be achieved by using a four-inch (4") PVC pipe as a valve stack.
- Unions must be installed on both sides of the PVB.



## Atmospheric Vacuum Breaker (AVB )

- One AVB is required for each irrigation zone; no control valves are allowed downstream of an AVB.
- Each AVB shall be installed a minimum of six inches (6") above the highest sprinkler in that zone.
- Initial Inspection of AVB installation shall be inspected by City of Selah's cross connection personnel.
- AVB must be inspected by a State certified backflow assembly tester when installed, annually and when moved or repaired.
- No chemical or fertilizer may be introduced into an irrigation system equipped with AVB's.
- A stop and waste valve must be installed within three feet (3') of the AVB and a minimum of thirty inches (30") deep. The stop and waste valve must be accessible. This can be achieved by using a four-inch (4") PVC pipe as a valve stack.



## Double Check Valve Assembly (DCVA)

- DCVA is required to serve the whole system; control valves can be located downstream of the DCVA.
- DCVA can be installed above ground or below ground. If the DCVA is installed below ground it must be accessible for inspection and testing.
- Initial inspection of DCVA installations shall be done by the City of Selah's cross connection personnel.
- DCVA must be tested by a State Certified backflow assembly tester when installed, annually and when moved or repaired.
- In a DCVA equipped system, chemicals or fertilizers may not be introduced into the irrigation system.
- A stop and waste valve must be installed within three feet (3') of the DCVA and a minimum of thirty inches (30") deep. The stop and waste valve must be accessible. This can be achieved by using a four-inch (4") PVC pipe as a valve stack.
- Unions must be installed on both sides of the DVCA.

