1. All reduced pressure and backflow devices shall be Washington State approved.

2. Fire sprinkler and irrigation systems shall be protected with State approved backflow protection.

3. All commercial, industrial and multi-family facilities shall be protected with Washington State approved backflow protection.

4. Further backflow prevention shall be required depending on water usage, i.e. boilers, chillers, chemical addition, booster pumps, wells etc.

5. All hosebibs shall be protected with vacuum breakers.

6. If chemicals are added to the Fire Protection System, a reduced pressure principle backflow preventer is required.

7. If a well is now existing on-site or is drilled in the future, a reduced pressure backflow assembly will be required at each meter.

8. Where a vault is required, a galv. steel wall mounted chamber ladder w/extensions is required and shall be centered under the access door.

9. Double check assemblies shall be installed in either an approved vault or inside the building in a mechanical room.

10. Reduced pressure assemblies shall be installed either outside above ground or inside the building.

11. All backflow devices shall be protected from freezing.

12. Backflow prevention assembly vaults (i.e.: fire and service protection) must be installed at the customer's side of the easement or property line. Alternate locations must be requested in writing and approved by City of Battle Ground Development Engineer prior to installation.

13. No part of the backflow prevention assembly shall be submerged in water or installed in a location subject to flooding. If a backflow prevention assembly is installed in a vault or basement, adequate drainage shall be provided.

14. All fire protection services shall have a iron body gate valve at the public main and shall be private after that valve.

15. All domestic services with backflow protection shall be private after the domestic water meter.

Mail test results to:

City of Battle Ground
Operations Center
109 SW 1st Street, Ste. 122
Battle Ground, WA. 98604
Fax# (360) 342-5359

BACKFLOW PREVENTION GENERAL NOTES

PLAN #

THE CITY OF BATTLE GROUND

CITY OF BATTLE GROUND
APPROVED

9/24/07

CITY ENGINEER DATE

REVISIONS:	DATE:	DRAWN:	DESIGNED:
1	4/16/07	JMH	MCH
2	9/24/07	MCH	MCH

WA-1.1