



NOTES:

1. BACKFLOW PREVENTOR SHALL BE LOCATED WITHIN THE BUILDING OR WITHIN A VAULT. THE CONSTRUCTION DRAWINGS SHALL SHOW THE LOCATION OF THE BACKFLOW PREVENTOR AND ALL ASSOCIATED FIRE SPRINKLER PIPING INCLUDING POST INDICATOR VALVES AND FIRE DEPARTMENT CONNECTIONS.
2. VAULT DRAIN SHALL BE CONNECTION TO STORM SEWER AS SHOWN ON THE PROJECT DRAWINGS. IF 2% SLOPE ON THE DRAIN IS NOT FEASIBLE, A SUMP PUMP SHALL BE REQUIRED.
3. VAULT SHALL BE SIZED BY THE PROJECT ENGINEER AND SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. VAULT SIZE SHALL BE DETERMINED BY CONSIDERING THE SIZE OF THE BACKFLOW PREVENTOR, MINIMUM CLEARANCES REQUIRED BY THE AWWA CROSS CONNECTION CONTROL MANUAL AND THE FIRE DEPARTMENT CONNECTION.
4. ACCESS DOOR SHALL BE SIZED BY THE PROJECT ENGINEER AND SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. DOOR SIZE SHALL BE DETERMINED CONSIDERING THE SIZE OF THE EQUIPMENT IN THE VAULT.

CITY OF REDMOND, WASHINGTON

APPROVED BY: RON GRANT  
CITY ENGINEER

REVISION DATE: MARCH 01, 2010



STANDARD DETAILS

**FIRE SPRINKLER SYSTEM  
BACKFLOW PREVENTOR**

FILE NAME: SD714.DWG

DETAIL NUMBER: **714**