WAC 246-291-210  Distribution systems.  (1) Storage reservoirs shall be designed to:
   (a) Prevent entry by birds, animals, insects, excessive dust, and other potential sources of external contamination;
   (b) Include:
      (i) A weathertight roof;
      (ii) A lockable access hatch;
      (iii) A screened roof vent;
      (iv) An overflow pipe with atmospheric discharge or other suitable means to prevent a cross-connection;
      (v) A sample tap;
      (vi) A drain to daylight, or an alternative design approved by the department or health officer that is adequate to protect against cross-connection;  
      (vii) Tank isolation in order to perform maintenance procedures; and
      (viii) Other appurtenances appropriate for the protection of stored water from contamination;
   (c) Be above normal ground surface level. If the bottom elevation of a storage reservoir must be below normal ground surface:
      (i) The storage reservoir must be placed above the groundwater table; and
      (ii) The top of a partially buried storage reservoir must be at least two feet above normal ground surface.

(2) A Group B system designed to supply fire hydrants must have a minimum distribution main size of six inches (150 mm) supplying each hydrant.