**SECTION 309 FLOOD HAZARD RESISTANCE   
  
309.1 General.**   
Plumbing systems and equipment in structures erected in flood hazard areas shall be constructed in accordance with the requirements of this section and the *International Building Code.*  **[B] 309.2 Flood hazard.**   
For structures located in flood hazard areas, the following systems and equipment shall be located and installed as required by Section 1612 of the *International Building Code.*  **Exception:** The following systems are permitted to be located below the elevation required by Section 1612 of the *International Building Code* for utilities and attendant equipment provided that the systems are designed and installed to prevent water from entering or accumulating within their components and the systems are constructed to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to up to such elevation.

1. All water service pipes.

2. Pump seals in individual water supply systems where the pump is located below the *design flood elevation.*

3. Covers on potable water wells shall be sealed, except where the top of the casing well or pipe sleeve is elevated to not less than 1 foot (305 mm) above the *design flood elevation.*

4. All sanitary drainage piping.

5. All storm drainage piping.

6. Manhole covers shall be sealed, except where elevated to or above the *design flood elevation.*

7. All other plumbing fixtures, faucets, fixture fittings, piping systems and equipment.

8. Water heaters.

9. Vents and vent systems.

**[B] 309.3 Flood hazard areas subject to high-velocity wave action.**   
Structures located in flood hazard areas subject to high-velocity wave action shall meet the requirements of [Section 309.2.](javascript:Next('./icod_ipc_2012_3_par050.htm');) The plumbing systems, pipes and fixtures shall not be mounted on or penetrate through walls intended to break away under flood loads.