**SECTION 715 BACKWATER VALVES   
  
715.1 Sewage backflow.**   
Where plumbing fixtures are installed on a floor with a finished floor elevation below the elevation of the manhole cover of the next upstream manhole in the *public sewer,* such fixtures shall be protected by a backwater valve installed in the *building drain,* or horizontal *branch* serving such fixtures. Plumbing fixtures installed on a floor with a finished floor elevation above the elevation of the manhole cover of the next upstream manhole in the *public sewer* shall not discharge through a backwater valve.  **715.2 Material.**   
All bearing parts of backwater valves shall be of corrosion-resistant material. Backwater valves shall comply with ASME A112.14.1, CSA B181.1 or CSA B181.2.  **715.3 Seal.**   
Backwater valves shall be so constructed as to provide a mechanical seal against backflow.  **715.4 Diameter.**   
Backwater valves, when fully opened, shall have a capacity not less than that of the pipes in which they are installed.  **715.5 Location.**   
Backwater valves shall be installed so that *access* is provided to the working parts for service and repair.