

Plumbing Fixtures Below Grade

The Runnemede Sewerage Authority would like to inform its residents that when plumbing fixtures are installed below grade (see diagram below) they are susceptible to having raw sewerage back up into the residence unless there is a proper back-flow device installed. This device is required as stated by Plumbing Code 11.8 (National Standard Plumbing Code 1993) and should be installed on all fixtures below grade (see diagram below). The Runnemede Sewerage Authority maintains over 25 miles of sanitary sewer mains, unfortunately sometimes they become blocked and the possibility of sewerage backing into a residence can occur. Having sewerage back into a residence is unsanitary, harmful, and can cause damage to property, furniture and belongings. Therefore we suggest that if you have had similar problems in the past or if new fixtures are to be installed below grade that you ask your plumber for advice about this matter. Thank you for your consideration and if you should have any questions concerning sewer problems please don't hesitate to call.

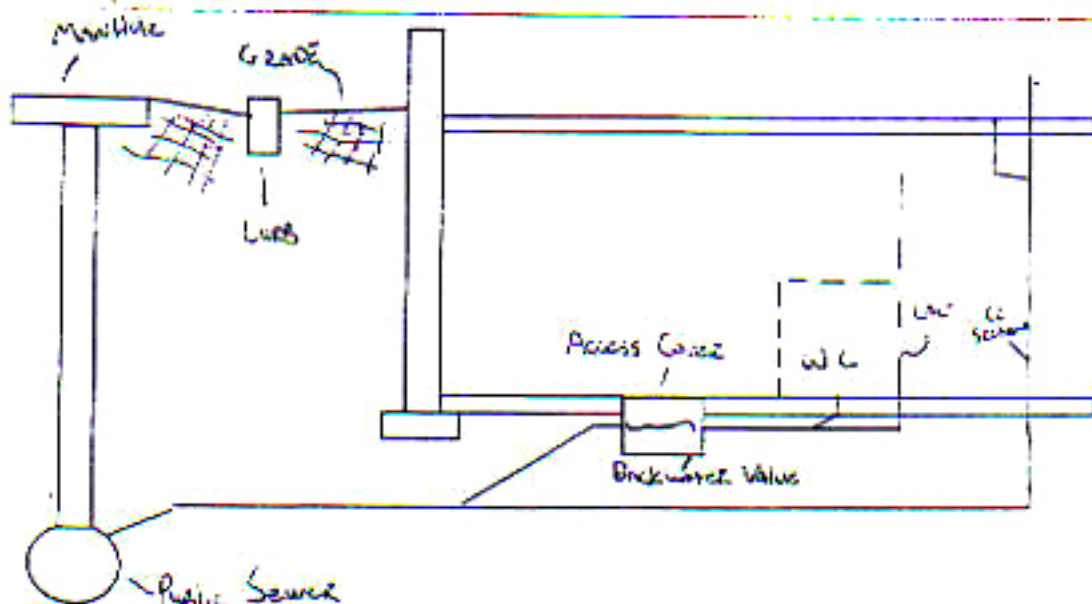


Figure 11.8.2 Typical Backwater Valve Installation

Backwater valve requirements

Installing an approved type of backwater valve shall protect fixtures subject to back-flow of sewerage from the public sewer.

Fixture branches subject to back-flow

Backwater valves shall be installed only in those branches or sections of the drainage system, which receive the discharge from fixtures located as stated in section 11.3.1 above. Backwater valves shall be installed so their working parts will be accessible for service and repairs.

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