



# EBMUD Private Sewer Lateral Ordinance

## How to Prevent Backup from City Main & Protect Your Home

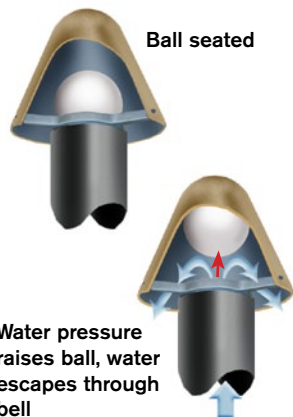
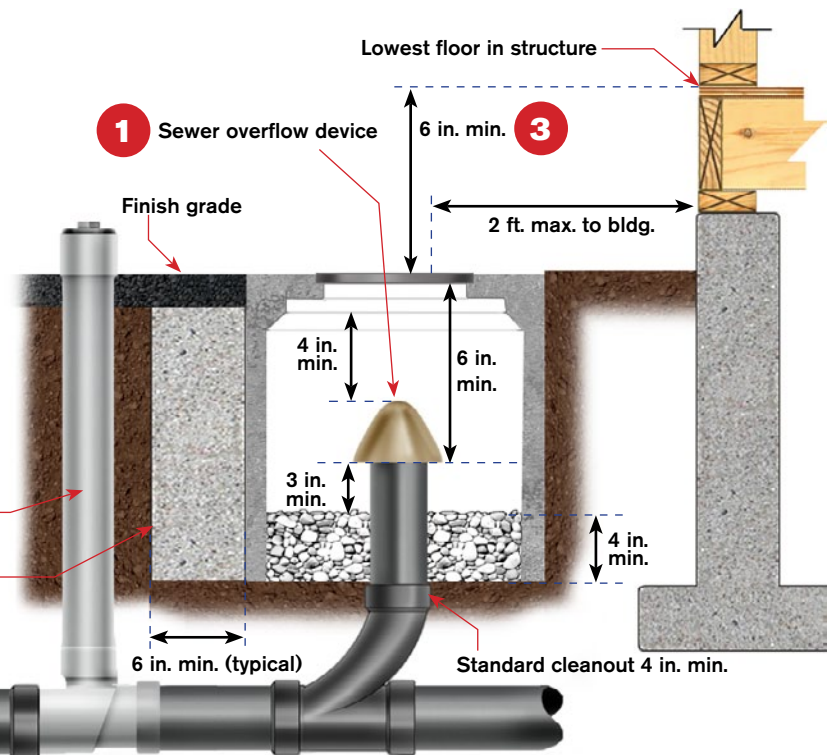
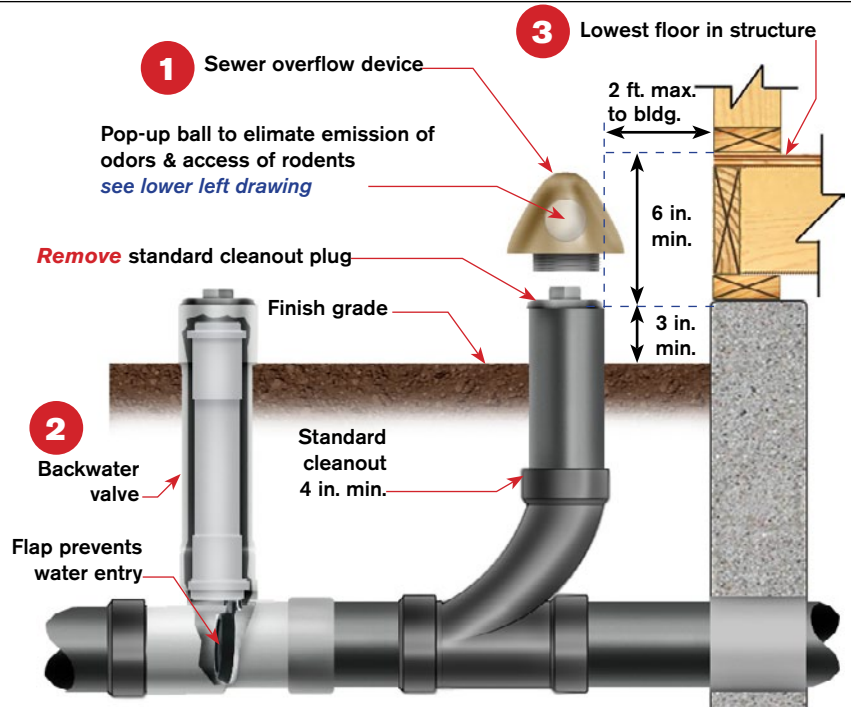
### Things to Consider when Replacing Sewer Laterals in Multistory Dwellings

When owners of a multistory dwelling are required to replace their private sewer lateral, it may be determined that the lowest floor is below the upstream manhole cover. This condition can cause flooding of the building if the sewer main has a blockage.

Current code requires that only fixtures below the manhole cover drain through the backwater valve. This prevents occupants on upper floors from flooding the lower floor accidentally. Since this would require an expensive re-plumbing of existing buildings, the city will require the use of a **sewer overflow device** in addition to a **backwater valve** to prevent both a backup from the main City sewer and the accidental flooding of the lower floor by owners unaware that there is a blockage in the sewer. It will also protect the building in case of blockages in their own private sewer lateral

A sewer overflow device per the approved materials list is required on ALL side sewer connections and repairs and/or alternations on existing side sewers.

The specific location of the sewer overflow device shall be determined by the contractor and the property owner such that the top location of the overflow device is a **minimum of 6 inches below the lowest finished floor elevation** of the connected building.



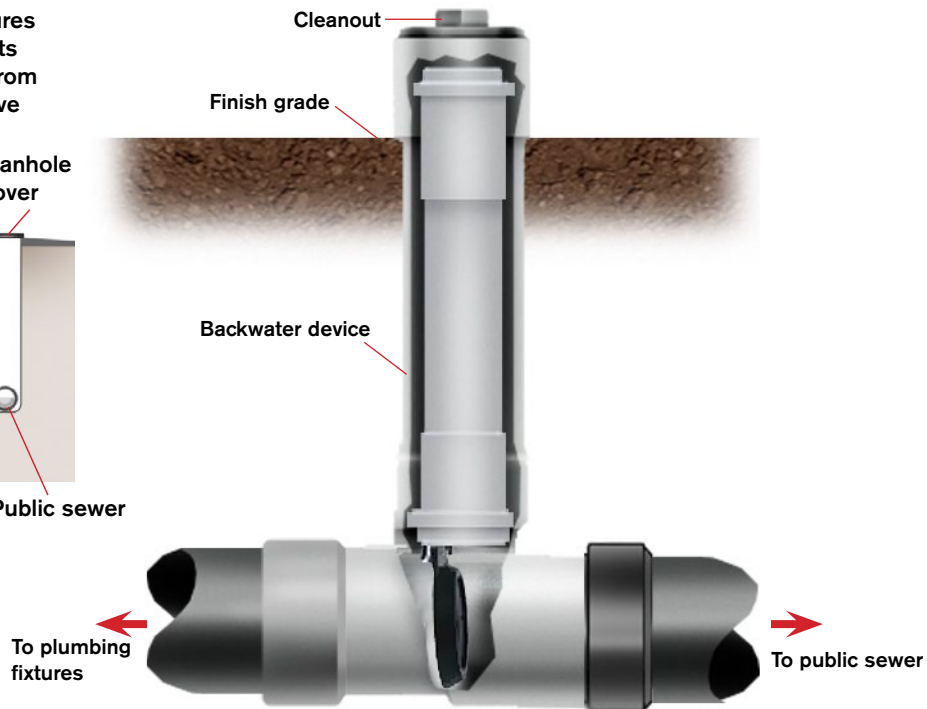
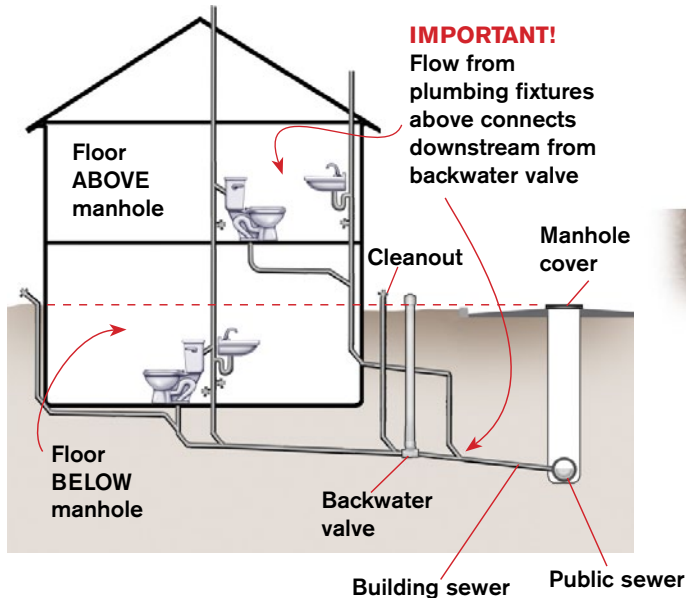


# Sewer Lateral Backwater Prevention

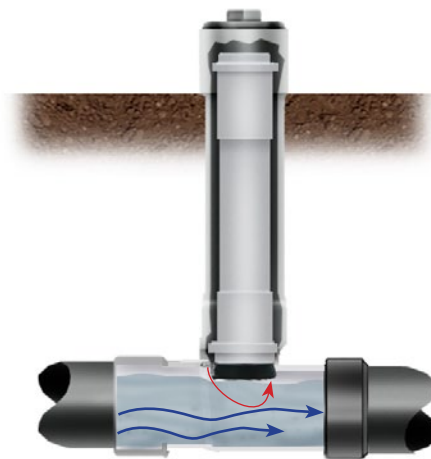
## Backwater Valves

### California Plumbing Code Section 710.1:

“Drainage piping serving fixtures on a floor, where the floor level is located **BELOW** the elevation of the next upstream manhole cover of the public/private sewer system, shall be protected from the backflow of sewage by installing an approved Backwater Valve.” *Section 710.1 CPC*



No water in building sewer, flap opens by gravity, rests against ledge



Discharge from building into building sewer, flap swings upward, discharge flows through into sewer



Sewage backflow into building sewer is stopped by flap directing sewage flow into device, building is protected