

Supplementary Guidelines - Town of Chevy Chase Water Drainage Ordinance

As part of the review of a water drainage plan, the Town Engineer will examine how the applicant addresses the following items. In addition to the water drainage measures in the Water Drainage Ordinance, all these will be considered positively.

- A. Staying below 32% lot coverage for impervious surfaces (includes house, garage, tool shed, concrete or asphalt driveway, walkways, stoops, retaining walls, patios, and swimming pool);
- B. Using permeable materials for driveways, patios, and sidewalks;
- C. Employing appropriate types of stormwater retention structures for the property and placing them in previously undisturbed soil to ensure maximum infiltration;
- D. Performing simplified percolation tests [double ring infiltrometer test or equivalent simplified test method] in the specific locations identified for water drainage infiltration/percolation devices in the plan. The tests should demonstrate that the relevant soil will percolate the design standard volume of water in 24 hours;
- E. Limiting individual infiltration devices to fewer than 1,000 square feet of impervious drainage area;
- F. Placing overflow pipes under street sidewalks and through curbing (overflow pipes will be smooth bore and have cleanout ports and grills to prevent animals from entering);
- G. Placing overflow pipes in accordance with the Town tree ordinance;
- H. Employing a sump pump during construction that runs water through a silt filtration box;
- I. Planning for adequate infiltration under permeable decks;
- J. Using gutter guards or other mechanisms to prevent leaves from clogging up parts of the water drainage system;
- K. Locating downspouts to point in a minimally destructive direction and to redirect water onto the property rather than the street or the neighbor's property;
- L. Decompacting construction site soil before placement of top soil to ensure maximum infiltration of runoff; and
- M. Spreading top soil before placement of grass seed or sod to improve infiltration of runoff.