

## LID Site Planning and Design

LID site planning and design focuses on measures that counteract the impacts of development. LID includes the use of both non-structural site planning and design techniques, which are addressed in [Chapter 5](#), and the use of distributed, small-scale structural stormwater BMPs, which are practices referred to as Green Infrastructure (GI), see [Structural Stormwater BMPs](#) in this Chapter for the overview of GI.

LID site planning and design techniques have three general approaches: avoid, reduce, and manage the impacts of development. All of these approaches are designed to address the root causes of stormwater problems by helping to maintain pre-development hydrology and the pollutant removal functions of a site. LID approaches integrate stormwater management from the beginning of the site design process. Often these non-structural site design strategies can reduce the scope of or eliminate the need for more costly structural stormwater BMPs. This Manual emphasizes the use of LID site planning and design techniques early in the site development process and prior to the consideration of structural measures. LID site planning and design practices are addressed in [Chapter 5](#) – Low Impact Development Site Planning and Design Strategies of this Manual.