IDENTIFY SITE OPPORTUNITIES

Identifying site opportunities for green infrastructure is dependent on a variety of factors such as topography and soil conditions. When analyzing the site for potential opportunities to incorporate green infrastructure mechanisms, there may be additional site conditions that warrant their use. For example, when site conditions are right, pervious pavement can be used in other impervious areas including the other parking areas shown in this graphic. The following is general guidance when analyzing an existing suburban site for potential green infrastructure retrofit opportunities.

RETROFITTING GREEN INFRASTRUCTURE ON SUBURBAN SITES

- **A1** Identify opportunities to reduce impervious surfaces
  - Investigate opportunities to convert roof top into green or blue roof

- **A2** Identify opportunities to disconnect from gray infrastructure
  - Use porous/pervious pavement instead of conventional impervious pavement at parking stalls

- **B1** Identify areas of ponding/flooding or site low points
  - Install cistern to collect roof runoff. Reuse to irrigate foundation plantings and landscape

- **B2** Identify and evaluate existing trees/landscape features
  - Convert conventional detention basin into bio-retention swale
  - Replace conventional catch basins with tree box catch basins

- **C** Investigate opportunities to convert roof top into green or blue roof
  - Use porous/pervious pavement instead of conventional impervious pavement at parking stalls

- **D** Identify opportunities to reduce impervious surfaces
  - Install cistern to collect roof runoff. Reuse to irrigate foundation plantings and landscape
  - Convert conventional detention basin into bio-retention swale
  - Replace conventional catch basins with tree box catch basins