

# ECOLOGICALLY SENSITIVE SITE DESIGN

## I. GENERAL

### A. Narrative

The placement of buildings, parking areas, and other impervious surfaces can dramatically change the hydrology of the development site and can impact local water quality if not designed and laid out appropriately. Integrating natural features, open spaces, and landscape buffers while minimizing impervious surfaces and emphasizing localized infiltration can greatly reduce this impact while adding to the overall quality of the development.

### B. Guidelines

1. Reduce the impervious impacts of surface parking by providing compact car spaces, using pervious materials where feasible, and maximizing the use of shared parking between adjacent uses.
2. Integrate stormwater quality treatment in parking areas by including bio-retention areas in required landscape islands.
3. Existing native vegetation and natural features should be preserved and fully integrated into the site design.
4. Integrate techniques that minimize the use of pesticides, fertilizers, and other chemical controls in the management of the onsite landscaping (e.g. Integrated Pest Management).

