

# Tree Protection

## Limit Disturbance BMP

### Overview

Protecting individual and groves of trees can help maintain the existing hydrology and water quality functions of that portion of development.



### Siting

Keep groves, stands, or patches of trees when:

- Trees support one another
- Soil remains undisturbed
- Wildlife uses are relatively unimpaired
- Shady microclimate encourages natural woodland plants
- Natural forest succession continues and forest registration is ongoing
- The trees are visually attractive
- Ecological functions are relatively unimpaired

Keep individual trees:

- Healthy, large trees

### Construction

Erect barriers around groves of trees or around the individual trees. Prune trees, and preserve the healthy soil.

### Maintenance

Maintenance levels vary with how well trees are protected during development. Activities include: mulching, fertilizing, irrigating, pruning, ect.

### Cost

Hiring an ISA certified arborist is recommended, but not required. Overall trees provide many overall cost benefits in addition to social and environmental benefits.

