LID Site Assessment and Design Principles

Site planning and assessment strategies to reduce hard surfaces, integrate natural features into site designs, and preserve native vegetation.

Optimize development envelope
- Smaller lot size
- Reduced setbacks
- Shared driveways

Road layout
- Narrower streets
- Clustered parking
- Bike lanes & paths

Buildings
- Clustering
- Reduced footprints

Preserve open space and native vegetation
- Riparian protection areas
- Passive recreation open space
- Protection of individual trees
What is low impact development?

Constructed facilities that capture and manage stormwater with vegetation and soils.

**LID Best Management Practices**

*(Required for evaluation)*

- Amended soils
- Dispersion
  - Downspout splashbock
  - Downspout trench
  - Concentrated flow
  - Sheet flow
- Rain gardens or bioretention
- Permeable pavement
  - Pervious concrete
  - Porous asphalt
  - Permeable pavers
  - Grass/gravel grids

**LID Best Management Practices**

*(Optional)*

- New and retained trees
  - Refer to local code requirements
- Vegetated roofs
- Rainwater harvesting
- Minimal excavation foundations