

Potential Channel Upgrades prior to Treat's Pond Emergency Overflow Control Structure

ENGINEERED SWALES

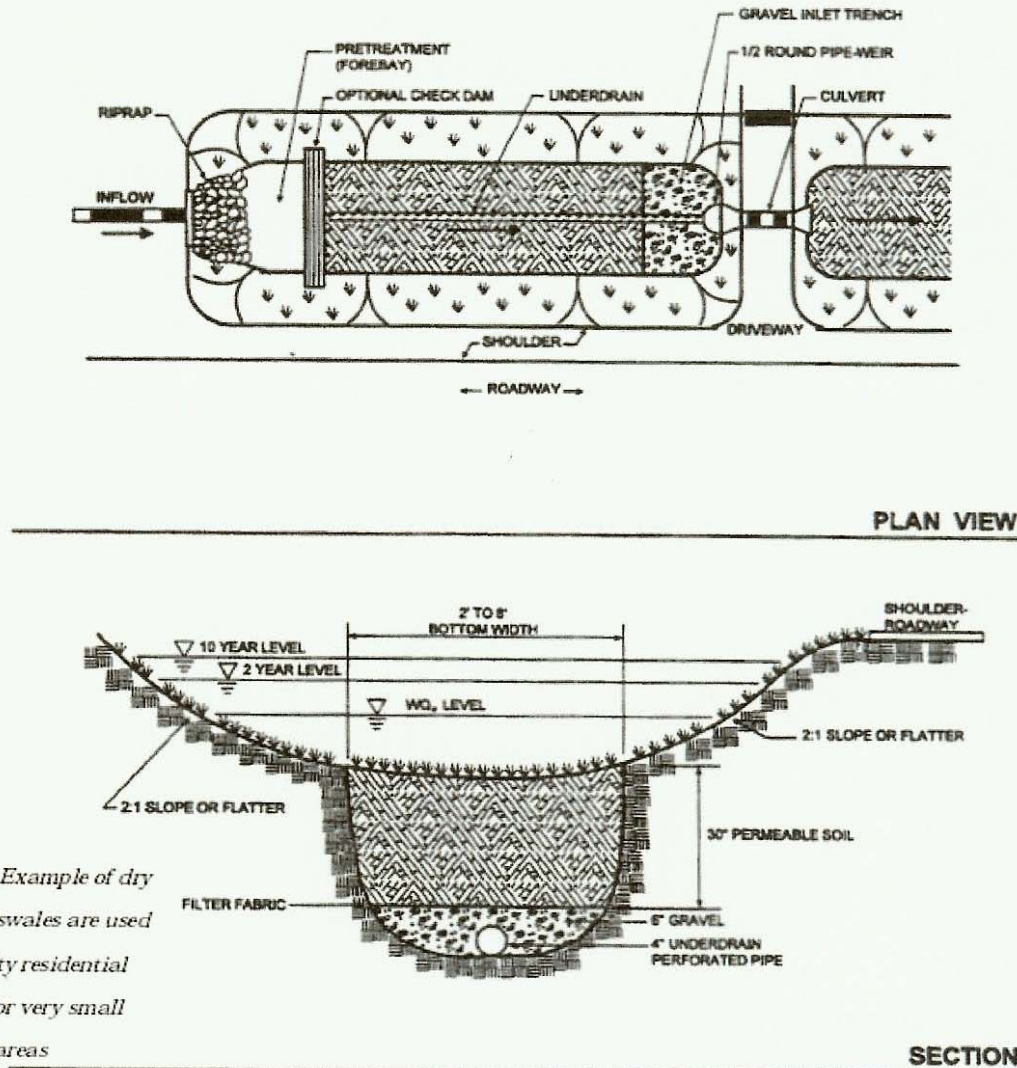
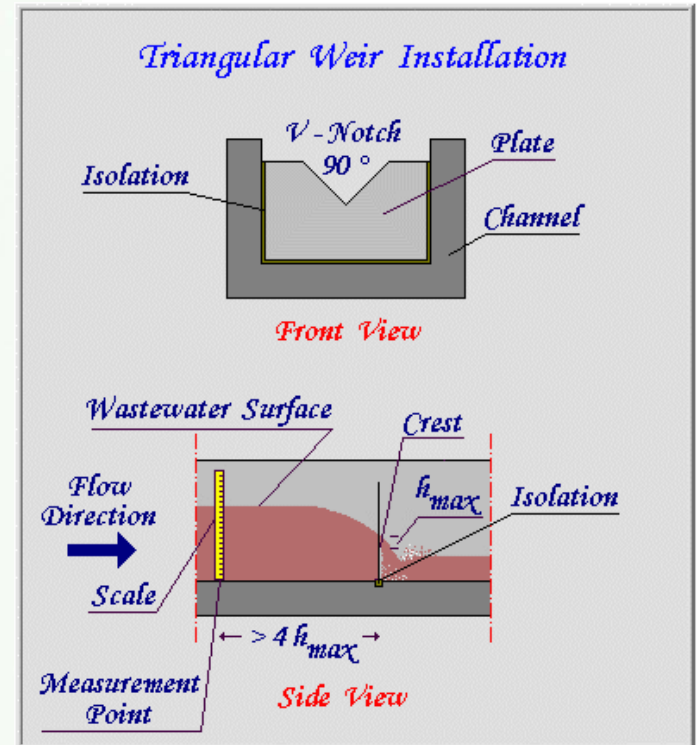


Figure 4-7. Example of dry swale. Dry swales are used at low density residential projects or for very small impervious areas

Flow Control Devices





Channel upgrades to reduce erosion, promote infiltration and delay stormwater flows.

Potential Channel Upgrades prior to Treat's Pond through private properties



INCORPORATING LID INTO RESIDENTIAL DEVELOPMENT

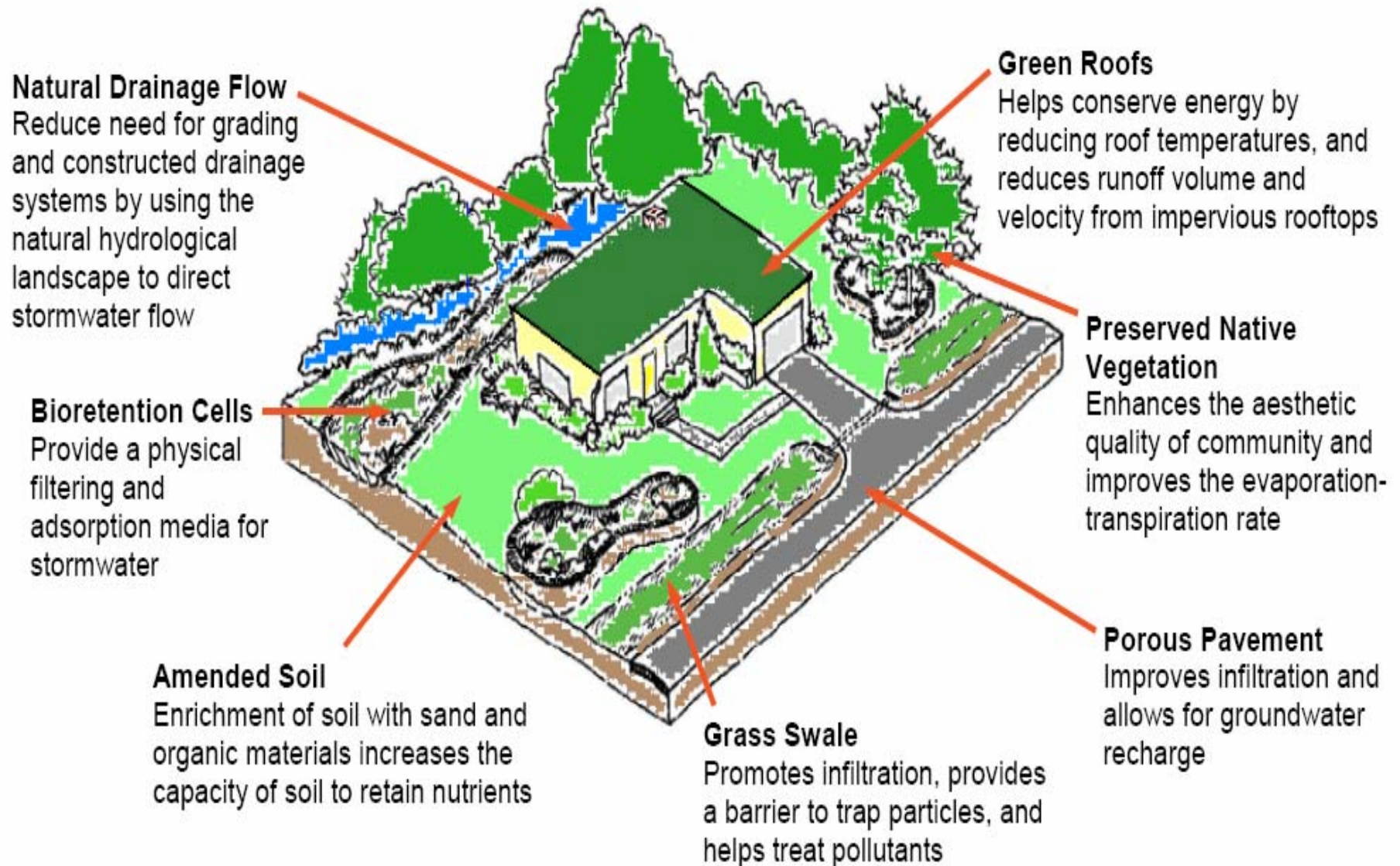
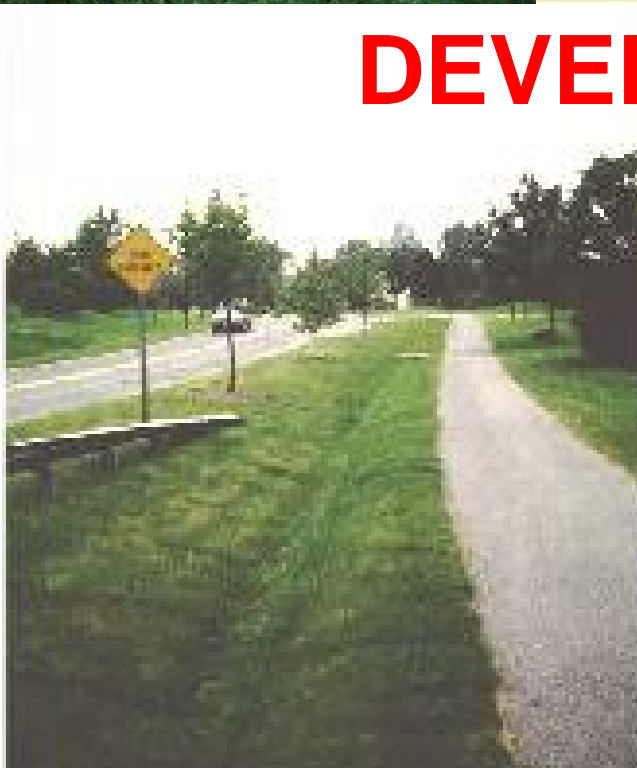


Diagram adapted from Prince George's County Maryland Low-Impact Development Design Strategies



LOW IMPACT

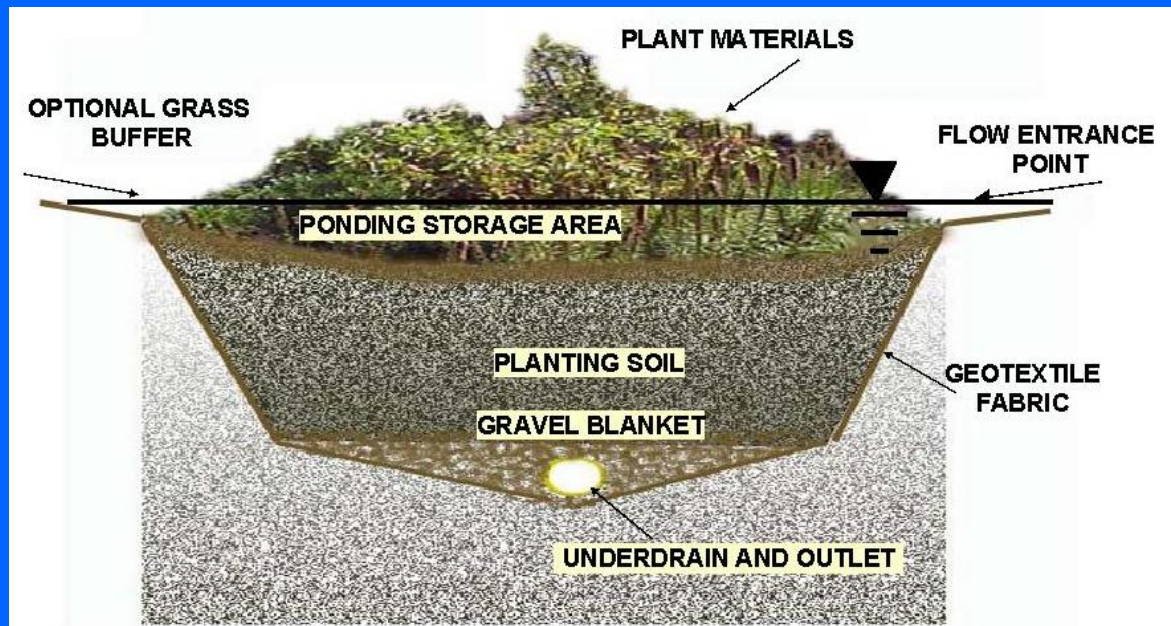
DEVELOPMENT METHODS





Commercial Bioretention Applications

- Parking Lot Islands
- Median Strips
- Office Park Landscape
- Residential Landscape



Demonstration Raingarden at Lily Pond Treatment Plant

Site prior to excavation

- Designed to intercept flows from parking lot
- Public outreach tool to educate community.
- Demonstrate a mix of plant types and ages



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Demonstration Raingarden at Lily Pond



Demonstration Raingarden at Lily Pond

