

Regional Pilot Projects

Estes Design, Inc. specializes in Storm Water Best Management Practice design and construction of innovative structures that save money, improve water quality and comply with current regulatory programs.



Projects Include:

- Retrofits of existing master plans that integrate Bio-Retention Rain Gardens and Permeable Concrete Pavement treating over 92% of a development's first flush.

- Planned and modeled master plans that integrate Infiltration and Bio Retention Gardens that reduce the 10 year peak storm water volume by almost 50%.



Estes Design is your LID Site Design & Consulting Resource

EDI delivers the most current storm water knowledge and skills available for sustainable development. We provide design services for

- new sustainable development
- re-development & retrofits
- stream & wetland mitigation
- associated construction management and monitoring services, as well as related
- environmental assessment, and
- environmental permitting

Background

EDI was founded on cutting edge research with extensive years of innovative design and implementation experience.

For over 15 years, the founder of Estes Design has worked with universities, municipalities, state and federal regulators, consultants and developers to produce science-based design strategies for sustainable development.

EDI has performed prominent regional research projects, and conducts LID storm water research on its current projects.

Estes Design Inc.

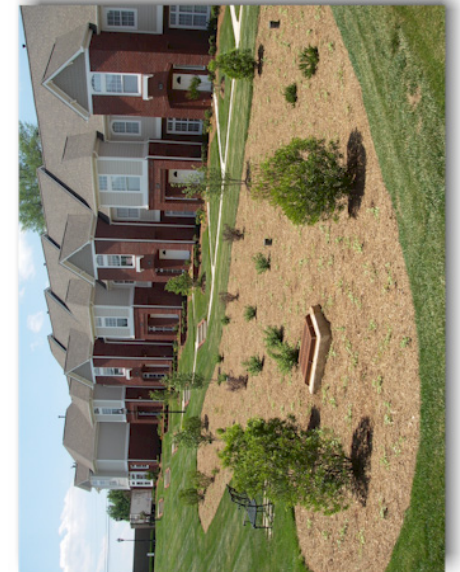
Environmental Design & Consulting

Estes Design, Inc.
P.O. Box 79133
Charlotte, NC 28271
704.841.1779 Phone
704.841.1842 Fax

Estes Design Inc.

Environmental Design & Consulting

**15 Years of Integrating
Development & Environment**



Storm Water Management

Estes Design (EDI) provides storm water expertise to developers and municipalities to solve environmental issues within urban watersheds. These solutions help to expedite regulatory compliance, maximize usable property, reduce short and long term development costs, reduce detention burdens and promote healthful living within the urban environment.

EDI performs engineering, H & H modeling and design of porous pavement systems including Pervious Concrete, which retains, infiltrates and treats storm water runoff. EDI's regional experience and research ensures balance between success and cost.

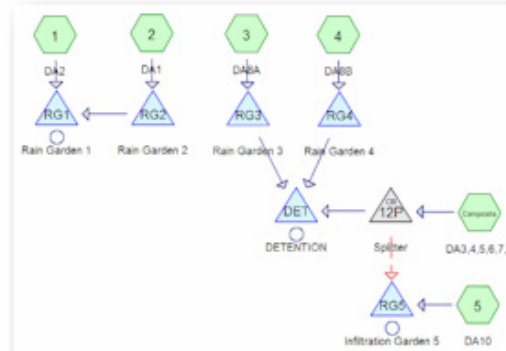
Infiltration should be the first consideration of all development projects.



Hydrologic & Hydraulic Modeling (LID) and Research

Preliminary planning and Modeling of integrated Storm Water Best Management Practices (BMPs) can significantly reduce storm water runoff and required detention volume.

Estes Design utilizes modeling techniques accepted by all regulatory agencies. EDI then is able to go beyond typical calculations and validate these models utilizing current techniques based on EDI research ensuring balance between success and cost.



Storm water modeling of integrated BMP's and detention reduction.

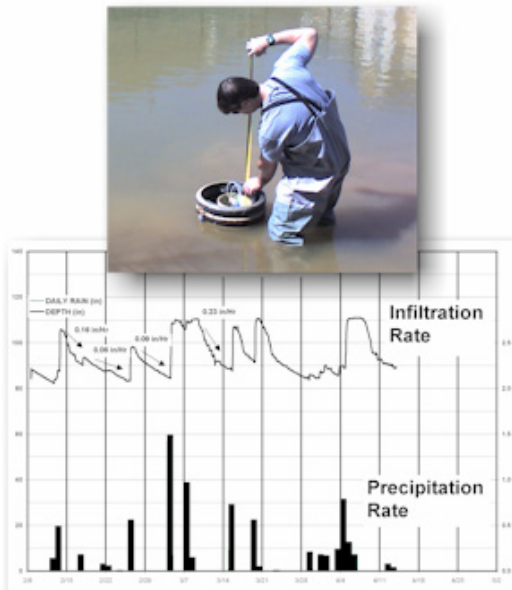
Stream and Wetland Restoration Design

Estes Design specializes in urban stream restoration and storm water integration for water quality.



Environmental Assessment and Permitting

For over 15 years EDI staff has performed Site Assessments and Permitting to meet State and Federal Requirements.



Infiltration basin monitoring

