



# Overbrook Environmental Education Center

JASTECH DEVELOPMENT SERVICES, INC.

PHILADELPHIA, PENNSYLVANIA

F. X. Browne, Inc. developed construction plans for a new community-based Environmental Education Center in the City of Philadelphia. The objectives of our design included:

- Demonstrate a variety of stormwater retrofit technologies applicable to urban redevelopment projects
- Promote the infiltration of stormwater, where possible, up to and including the 2-year, 24-hour storm
- Reduce and disconnect existing impervious cover
- Demonstrate the use of bioretention basins and swales as a means of “softening” an urban site
- Provide public education for a variety of stormwater Best Management Practices (BMPs)

Some highlights and key features of our design include:

- Conceptual designs developed with client input and participation
- Incorporation of accessible public education elements
- Maximize implementation of a variety of BMPs:
  - \* Bioretention Basin
  - \* Porous Pavers
  - \* Flow-through Planters
  - \* Bioretention Swale
  - \* Porous Asphalt

Sustainable Development

