

Cultural Arts Center Rain Garden: Green Acres Foundation

project description | sustainable design

location

Cincinnati, Ohio

client

Green Acres Foundation

construction budget

\$5,500.00

completion date

2007

LEED Credit Opportunities

| | |
|-----------|-----|
| SS Credit | 1.0 |
| SS Credit | 5.2 |
| SS Credit | 6.1 |
| SS Credit | 6.2 |
| WE Credit | 1.1 |
| WE Credit | 1.2 |
| WE Credit | 2.0 |



CDP was approached by the Green Acres foundation and asked to design and help implement a rain garden on the grounds of their newly renovated Cultural Arts Center. The Green Acres Foundation is a non-profit organization whose mission is to encourage conservation and appreciation of nature through high quality environmental education programs. This particular project was funded by a public grant and was the focus of a "Train the Trainer" workshop which brought together approximately 100 people over two days to better understand how to educate residents throughout the Greater Cincinnati area on the importance of storm water infiltration and conservation. This rain garden is organized into three cells, each containing different groupings; all of which are native to Southwestern Ohio. Each cell is 10'x20' in size and to date, three cells have been designed and installed. When finished there will be approximately 12 cells totalling over 2500 square feet, capable of capturing, cleansing and infiltrating storm water coming off of the adjacent 32,000 square foot parking lot.



Goals/Components

- Only native plant materials were used.
- Garden to be used for demonstration purposes.
- Clay soils had to be amended in order to get garden to drain within 24 hours.

