

Resolution of

THE CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY AUTHORIZING AWARD OF THE GATEWAY PARK CONSTRUCTION CONTRACT TO LUZON, INC.

#R11-4-54

WHEREAS, the CCMUA opened bids for the Gateway Park Construction project on April 7, 2011, with the following results:

Luzon Inc.	-	\$249,765.00
Northstar Marine	-	\$284,050.14
Tri State Dredging	-	\$300,800.00
DePaul & Co.	-	\$500,175.00

WHEREAS, the low bid submitted by Luzon was found to be in order; and

WHEREAS, the pricing submitted by the low bidder was consistent with the pre-bid estimate prepared by the CCMUA's consulting engineers; and

WHEREAS, the Chief Financial Officer has provided the necessary Certification of Available Funds; and

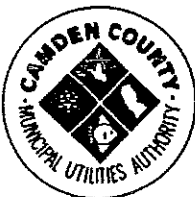
WHEREAS, this project was bid in a manner consistent with the provisions of NJ's Pay to Play laws and regulations.

NOW, THEREFORE BE IT RESOLVED by the CCMUA Board of Commissioners that it authorizes award of the Gateway Park Construction project to Luzon, Inc, in the amount of \$249,765.00.

ADOPTED: April 18, 2011

Helen A. Troxell
Authority Secretary

I hereby certify that the above is a true copy of the resolution adopted by the members of the Camden County Municipal Utilities Authority at a meeting held on April 18, 2011.



CERTIFICATION OF AVAILABLE FUNDS

Pursuant to NJAC 5:30 - 1.10, I hereby certify as follows:

1. I am the financial officer charged with the responsibility of maintaining the financial records of the CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY.
2. There are adequate funds to pay for the expenditure authorized by the attached Resolution entitled:

AUTHORIZING AWARD OF THE GATEWAY PARK CONSTRUCTION

CONTRACT TO LUZON, INC.

3. The line item appropriation of the official budget adopted to the local budget law to which the expenditure will be charged in accordance with the comptroller function is:

in the amount of \$249,765.00

G/L 0130 - 0032 0283-0002

4. The funds certified as available for the expenditure authorized by the above Resolution will not be certified as available for any other contract or expenditure.

J. F. Weiner
Chief Financial Officer



SHIP TO:

T.C.M.U.A.
SEE BELOW

No. 00-0055946-001

PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, SHIPPERS BILLS OF LADING AND CORRESPONDENCE.

DATE 6/08/11

VENDOR NO. 8249

SUBMIT ALL INVOICES IN DUPLICATE TO ABOVE ADDRESS
ATTENTION: ACCOUNTS PAYABLE

VLOZON, INC.
8451 EXECUTIVE AVENUE
PHILADELPHIA PA 19151-1805

F.O.B.	VIA
DEST	SERVICE
DELIVERY REQUIRED	TERMS
4/18/2011	NET 30

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	1.00	TL	WATERFRONT SOUTH, GREEN GATEWAY PARK, BROADWAY & CHELTON AVENUES, CAMDEN, NJ PER RESOLUTION #R11:4 54 0001 0283 0002 *****R ORDERED AR/KRS 6-6-11 ER11 763 USAGE, PARK CONSTRUCTION	249765.00	249765.00

*Payment
per A. Krasner
approval
KRS 6/16/11*

CONFIRMATION

KRS 6/11/11

ARRICUN

ORDERED BY

249,765.00

I, HAVING KNOWLEDGE OF THE FACTS, CERTIFY THAT THE MATERIALS AND SUPPLIES HAVE BEEN RECEIVED OR THE SERVICES RENDERED, SAID CERTIFICATION BEING BASED ON SIGNED DELIVERY SLIPS, OR OTHER REASONABLE PROCEDURES.

SIGNATURE

DATE

By:

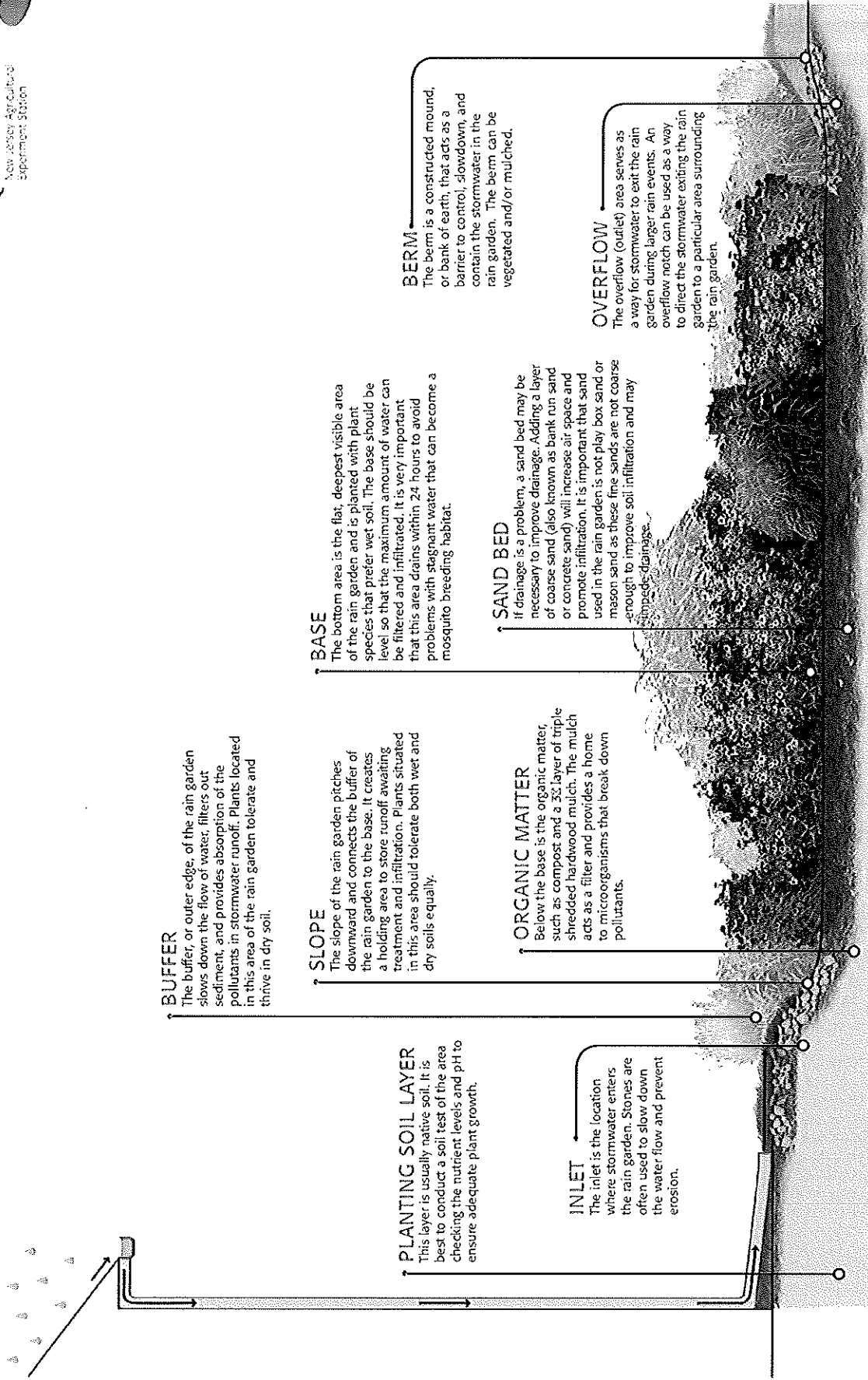
(Signature)

Purchasing Agent

Parts of a Rain Garden

RUTGERS

New Jersey Agricultural
Experiment Station



BUFFER

The buffer, or outer edge, of the rain garden slows down the flow of water, filters out sediment, and provides absorption of the pollutants in stormwater runoff. Plants located in this area of the rain garden tolerate and thrive in dry soil.

SLOPE

The slope of the rain garden pitches downward and connects the buffer of the rain garden to the base. It creates a holding area to store runoff awaiting treatment and infiltration. Plants situated in this area should tolerate both wet and dry soils equally.

PLANTING SOIL LAYER

This layer is usually native soil. It is best to conduct a soil test of the area checking the nutrient levels and pH to ensure adequate plant growth.

INLET

The inlet is the location where stormwater enters the rain garden. Stones are often used to slow down the water flow and prevent erosion.

BASE

The bottom area is the flat, deepest visible area of the rain garden and is planted with plant species that prefer wet soil. The base should be level so that the maximum amount of water can be filtered and infiltrated. It is very important that this area drains within 24 hours to avoid problems with stagnant water that can become a mosquito breeding habitat.

SAND BED

If drainage is a problem, a sand bed may be necessary to improve drainage. Adding a layer of coarse sand (also known as bank run sand or concrete sand) will increase air space and promote infiltration. It is important that sand used in the rain garden is not play box sand or mason sand as these fine sands are not coarse enough to improve soil infiltration and may impede drainage.

BERM

The berm is a constructed mound, or bank of earth, that acts as a barrier to control, slowdown, and contain the stormwater in the rain garden. The berm can be vegetated and/or mulched.

OVERFLOW

The overflow (outlet) area serves as a way for stormwater to exit the rain garden during larger rain events. An overflow notch can be used as a way to direct the stormwater exiting the rain garden to a particular area surrounding the rain garden.

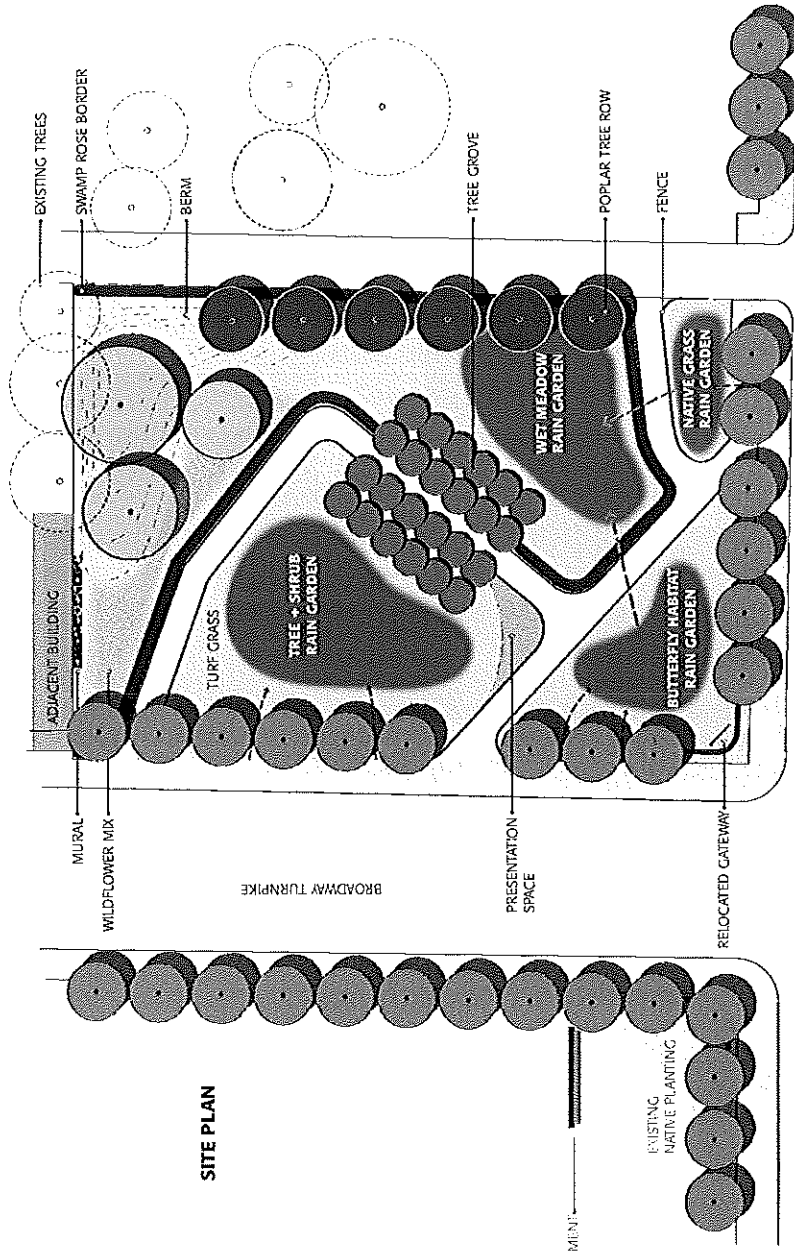
THE GREEN GATEWAY CONCEPTUAL SITE PLAN

Waterfront South, Camden NJ

SITE CONTEXT



SITE BOUNDARY



CHELTON AVENUE



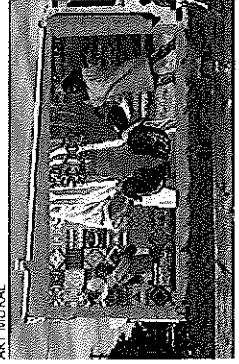
SWAMP ROSE



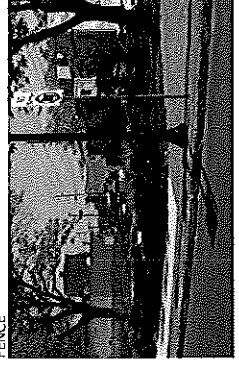
BUTTERFLY HABITAT RAIN GARDEN



ART MURAL



FENCE



Community Partnership Project
Sponsored By:



The Green Gateway Rain Garden Planting Plan

South Waterfront, Camden, NJ

The Butterfly Habitat Rain Garden

Total Area: 650 ft²

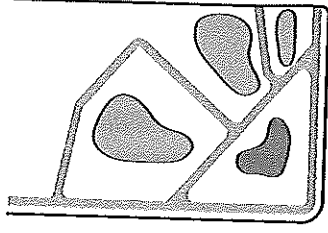
Plant Species and Quantities

Herbaceous

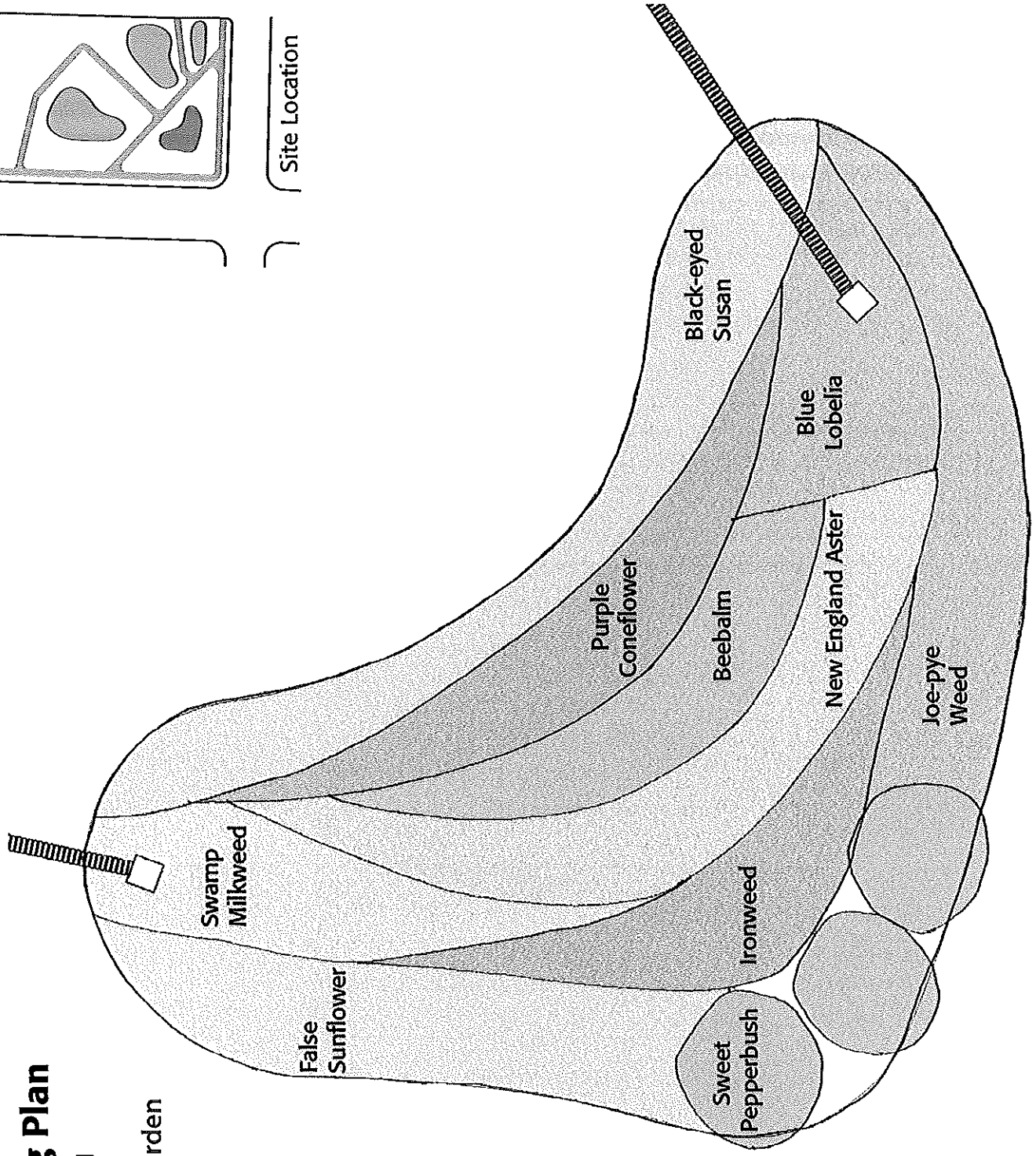
- Beebalm - 13
- Black-eyed Susan - 23
- Blue Lobelia - 13
- False Sunflower - 21
- Ironweed - 13
- Joe-pye Weed - 17
- New England Aster - 23
- Purple Coneflower - 15
- Swamp Milkweed - 11

Shrubs

- Sweet Pepperbush - 3



Site Location



Note: All herbaceous plant material specified at 2' OC.

The Green Gateway Rain Garden Planting Plan

South Waterfront, Camden, NJ

The Native Grasses Rain Garden

Total Area: 310 ft²

Plant Species and Quantities

Herbaceous

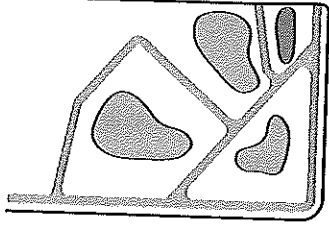
Blue Lobelia - 7

Seaside Goldenrod - 13

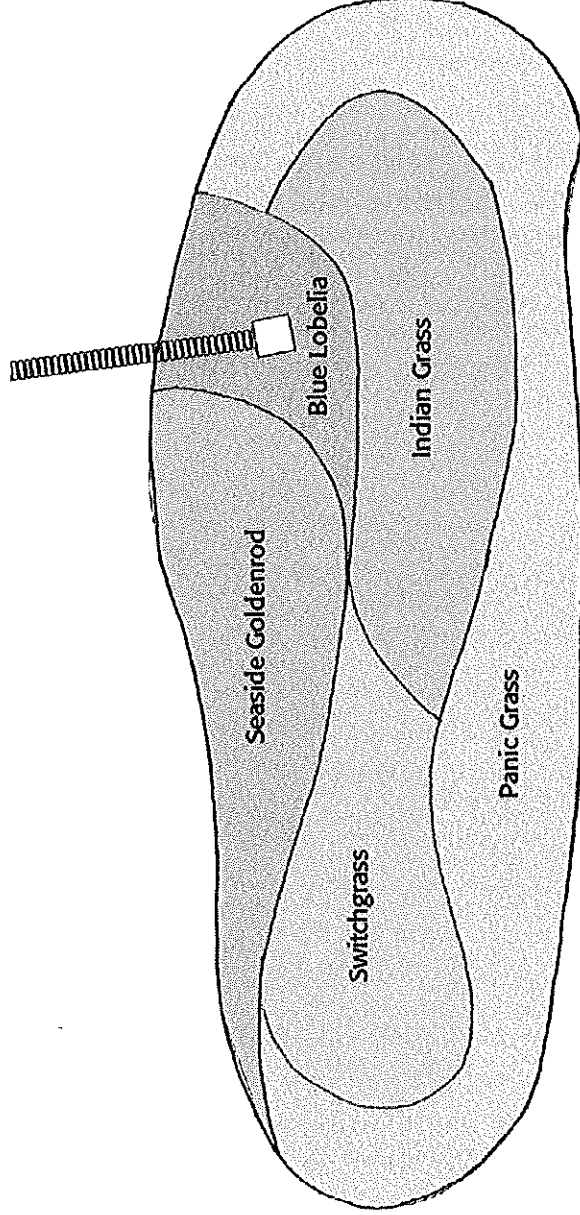
Indian Grass - 17

Panic Grass - 27

Switchgrass - 13



Site Location



Note: All herbaceous plant material specified at 2' OC.

The Green Gateway Rain Garden Planting Plan

South Waterfront, Camden, NJ

The Shrub Rain Garden

Total Area: 1555 ft²

Plant Species and Quantities

Herbaceous

Black-eyed Susan - 21

Purple Coneflower - 45

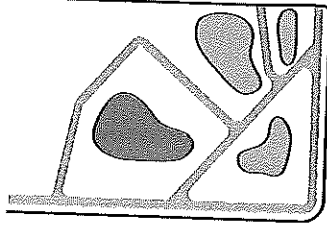
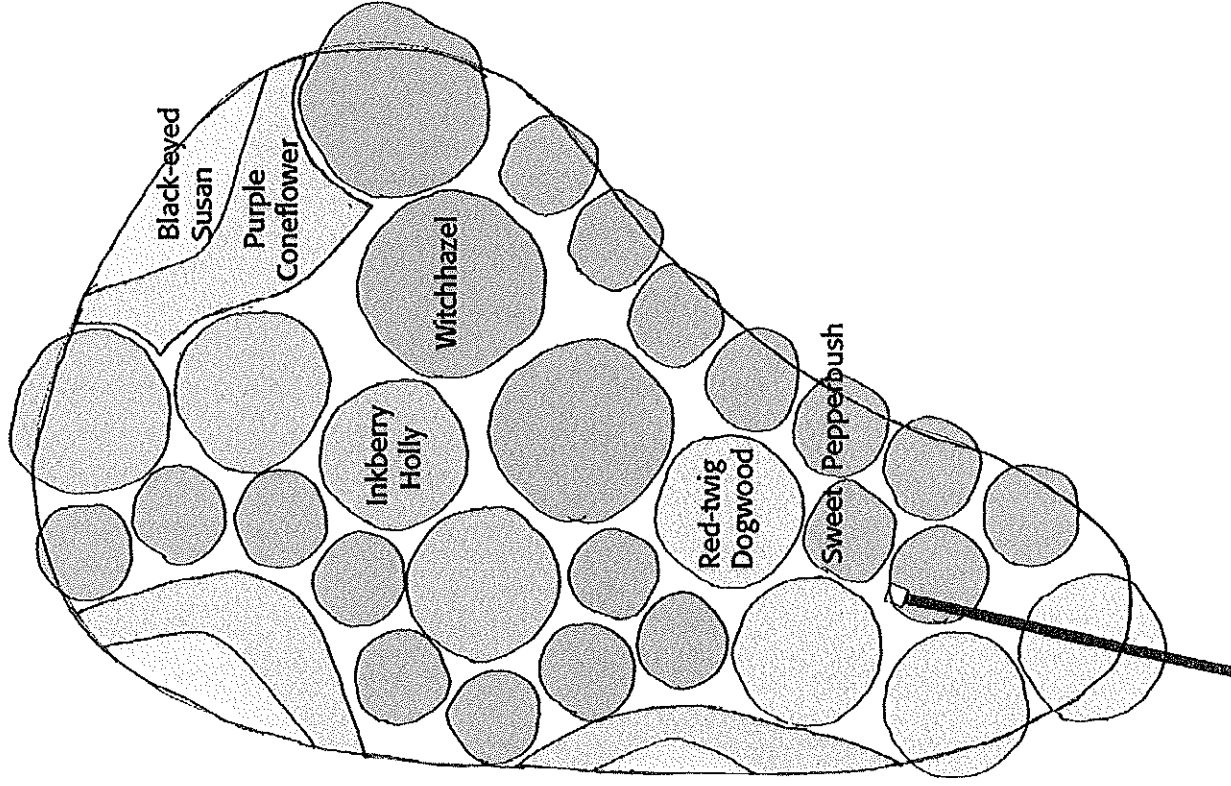
Shrubs

Inkberry Holly - 4

Red-twig Dogwood - 4

Sweet Pepperbush - 18

Witchhazel - 3



Site Location



Note: All herbaceous plant material specified at 2' OC.

The Green Gateway Rain Garden Planting Plan

South Waterfront, Camden, NJ

The Wet Meadow Rain Garden

Total Area: 1195 ft²

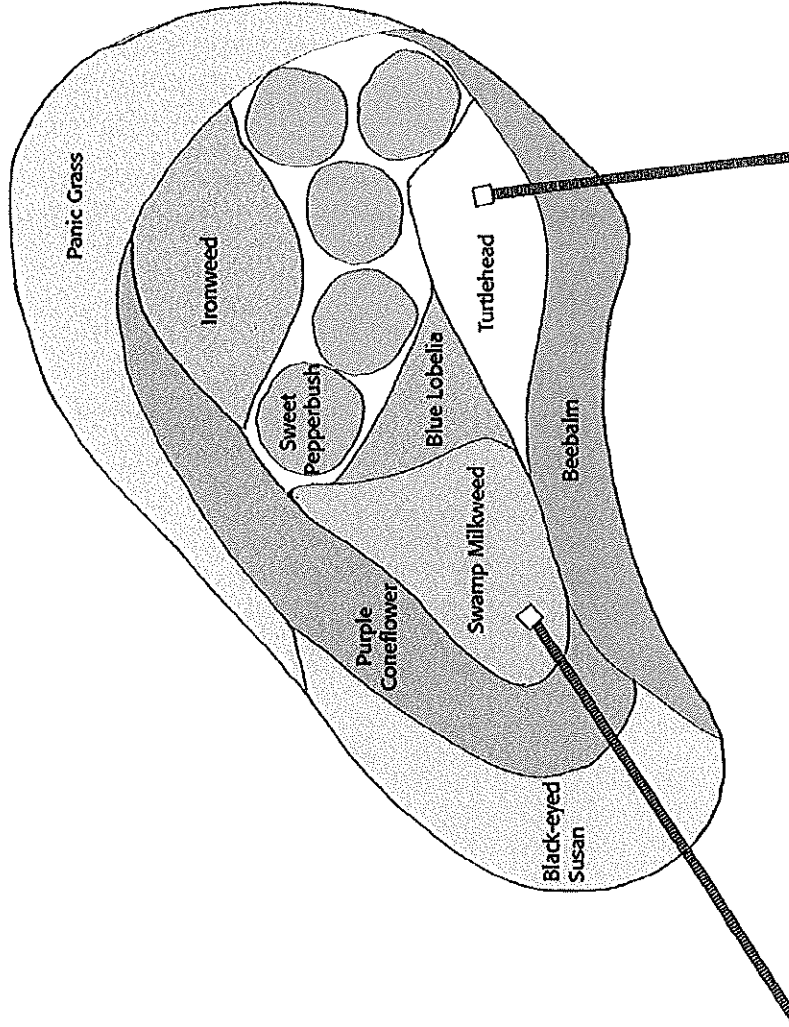
Plant Species and Quantities

Herbaceous

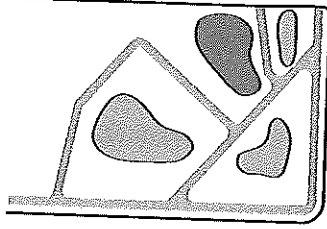
- Beebalm - 35
- Black-eyed Susan - 35
- Blue Lobelia - 15
- Ironweed - 25
- Panic Grass - 55
- Purple Coneflower - 43
- Swamp Milkweed - 23
- Turtlehead - 21

Shrubs

- Sweet Pepperbush - 5



Note: All herbaceous plant material specified at 2' OC.



Site Location