

Queens Botanical Garden Administration Building and Gardens

FLUSHING, NEW YORK



Sven Johnson

green roof that leads visitors to the second floor terrace



Sven Johnson

cleansing biotope



Sven Johnson

rain collector canopy over the entry terrace

The Queens Botanical Garden Master Plan, completed by Conservation Design Forum in 2002, has already guided the first step of its implementation. An initial \$12 million building phase was funded through the NY City Arts Council, and will include an Administration Building, Maintenance Facility, the Main Street entry plaza, and a series of water-based landscapes and gardens.

The Administration Building will function as a strong urban edge that ties the street to the gardens, becoming a transitional zone between the built and garden environment. Its location allows easy access to the Main Street Entry Plaza and public transportation. The building will employ numerous sustainable practices and will be a highly insulated envelope with Structural Insulated Panels (SIPs) for walls, and spectrally-selective low-e glass. The building will also include cleansing biotopes for stormwater recycling, a constructed wetland for graywater cleansing and recirculation into the building for various reuse, and a green roof. All of this has been designed to be a component of the ecosystems-based Collection Policy of the Garden. At this time, the building and associated landscapes have met the Platinum Level criteria for LEED.

This phase of work is a small step toward the QBG continuing its mission - to be "a place where people, plants, and cultures meet".

client: Queens Botanical Garden

project team: Conservation Design Forum
Landscape Architecture and Planning

Atelier Dreiseitl
Water Specialists

BKSK Architects
Architecture

status: under construction

awards: NY 2004 Green Building Design Award
NYC Department of Env. Protection
US Environmental Protection Agency