

# Featured Projects



## Queens Botanical Garden *Queens, New York*

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### Background

- Located in densely populated section of Queens, NY
- Garden receives 330,000 annual visitors
- New 16,000 ft<sup>2</sup> Visitor & Administration Building completed in fall of 2007
- Designed by BSKS Architects
- Built to achieve LEED Platinum certification

### Composting Toilet Systems

- Composting toilet system designed for staff use
- System includes 2 Foam-flush fixtures and 1 large composter
- Foam-flush toilets use only 6 ounces of water per use
- Composting toilet system keeps waste out of overloaded, combined sewer/storm drain
- Saves up to 62,000+ gallons of water per year
- Project represents increasing interest in composting toilets for urban locations

### Other Green Building Technology

- Greywater & rainwater recycling further minimize wastewater generated
- Geothermal system used for heating and cooling
- Rooftop photovoltaic panels provide clean energy
- Green roof reduces runoff & helps maintain a stable temperature



## Bronx Zoo *Bronx, New York*

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### Background

- Largest urban zoo in the United States
- Zoo receives 2 million visitors annually
- New restroom completed in 2006 accommodates 1/2 million visitors
- Design by Edelman Sultan Knox Wood
- Winner of New York Construction's 2007 Eco Project of the Year

### Composting Toilet Systems

- System designed to safely replace failed septic system
- 14 Foam-flush toilets & 4 waterless urinals with 10 large composters
- Foam-flush toilets use only 6 ounces of water per use
- 1 million gallons of water saved each year
- Prevents the need to tunnel under a highway to reach a sewer line

### Other Green Building Technology

- Greywater and rainwater harvesting systems irrigate ornamental garden with water from sinks
- Maximized daylighting techniques
- Highly efficient radiant floor heating
- All wastewater handled sustainably onsite



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