

Greenroofs.com Project of the Week: 3/4/13

Brooklyn Botanic Garden

Visitor Center

**Brooklyn, NY, USA
9,690 sf. Greenroof**

In the most significant garden renewal effort since the Garden's founding 100 years ago, Brooklyn Botanic Garden is currently engaged in a dramatic and ambitious effort for the future. Seamlessly melding architecture and landscape, the new Brooklyn Botanic Garden Visitor Center is a model of energy-efficient design, including earth-sheltered construction, a geexchange system for heating and cooling, fritted-glass walls, and a living roof comprised of over 10,000 plants.

Designed by Weiss/Manfredi, the Visitor Center aspires to LEED Gold certification. The slope of the roof, pitched from 4 to 27 degrees, is a prominent visual element of the site; the green roof profile and slope stabilization system was designed by [Roofmeadow](#). The semi-intensive green roof is planted with a richly textured variety of grasses, flowering perennials and bulbs. New York Green Roofs provided the installation as well as ongoing maintenance services. The green roof is expected to harvest almost 200,000 gallons of water each year.

Visit Roofmeadow at The Expo Pavilion in the [Greenroofs & Walls of the World™ Virtual Summit 2013](#)

this Wednesday, March 6!

Year: 2011

Owner: Brooklyn Botanic Garden

Location: Brooklyn, NY, USA

Building Type: Educational

Type: Semi-Intensive, Test/Research

System: Custom

Size: 9,690 sq. ft.

Slope: 21%

Access: Inaccessible, Private

Designers/Manufacturers of Record:

Architecture/Landscape/Urbanism: WEISS/MANFREDI

Landscape Architect: HM White Site Architects

Construction: EW Howell General Contractor

Green Roof System Provider & Designer: [Roofmeadow](#)

Waterproofing Manufacturer: [Sika Sarnafil](#)

Growing Media: Stancills

Pant Supplier: [Intrinsic Perennial Gardens](#)

Greenroof Installer & Maintenance: New York Green Roofs

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Love the Earth, Plant a Roof!

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