



American Hydrotech, Inc.
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PROJECT CASE STUDY

**American Society of Landscape Architects
Headquarters**
Washington, DC

Market: Office
Products: Garden Roof® Assembly,
Garden Roof® Assembly: Sloped
Applications

Project Type: Renovation
Size: 3,800 sq ft.
Completion Date: 2006



When the American Society of Landscape Architects (ASLA) wanted a high profile location to best demonstrate how landscape architects play a central role in green roof design and construction, it needed to look no further than atop its own headquarters building. And, when ASLA wanted an engineered assembly that would allow it to show how environmental and aesthetic benefits of a green roof can best be maximized, it needed to look no further than the Garden Roof Assembly® from American Hydrotech.

The previous black tar surfaced the roof of the ASLA headquarters building in Washington, DC, is now a landmark demonstration project, containing six distinct Garden Roof conditions, representing extensive, semi-intensive, and intensive systems ranging in growing media depth of 3 - 18 inches. Two "waves" dominate the design and allow for the greatest green coverage possible for the 3,300 square-foot roof surface. Surrounding these is a third green roof system, covered by metal grating that allows visitors to walk over the planted material. The Garden Roof Assembly® plays an integral and essential role in the roof's design.

We chose this assembly because of its storm water management capabilities as well as its ability to improve the "building's energy efficiency," Nancy Somerville, executive vice president and CEO of ASLA, said of ASLA's decision to go with the Garden Roof Assembly®. "American Hydrotech lends a great deal of technical expertise to its projects and provides an outstanding warranty."

MM6125® fabric reinforced seamless membrane is protecting the integrity of the over structure. And, to effectively confine and stabilize the growing medium on the sloped "waves" of the Garden Roof, ASLA has installed American Hydrotech's new GardNET®.

Awards:

2010 Green Roofs for Healthy Cities Award of Excellence - Intensive Institutional Category

Owner:

American Society of Landscape Architects

Architect:

DMJM / AECOM

Landscape Architect:

Michael Van Valkenburgh Associates

General Contractor:

Forrester Construction Company

