

5404 Wisconsin Avenue
Sloped Greenroof Over the Atrium
Chevy Chase, Maryland



Date Installed: Spring 2009

Assembly: Hydrotech Garden Roof

Roof Size: 1,296 sq. ft.

System Design: 4" extensive greenroof

Architect: Smith Group, Inc.

General Contractor: Hitt Contracting, Inc.

Client: Boston Properties

Address: 5404 Wisconsin Avenue
Chevy Chase, MD 20815



Above: Performing maintenance work on a 4:12 pitch roof and be challenging but we like to use a ladder from stability and traction. A soil stabilization cell/mat (Guardnet) is installed on top of the protection mat and anchored with cables along the ridgeline. The ladder allows us to do maintenance without applying too much pressure on the stabilization mat.

Right: Looking up the roof after a year of growth.



Left: Spraying a preventative fungicide and fertilizer on the roof via a back pack sprayer. This roof was planted originally with only three plant species. Planting in a monoculture should be discouraged in case one species becomes susceptible to disease. Ideally, it is desired to have at least a dozen different plant species. We have recommended that our client consider allowing us to introduce additional plantings to the greenroof to allow for more seasonal variations/interest.

For additional, questions concerning the design of this system please contact the project manager (Andrew Stanton) at 321.795.7818.

