



DC Department of Public  
Works Tire Shop Green Roof,  
N.E., Washington DC



Capitol  
Greenroofs



**Date Installed:** August 2012

**Roof Size:** 9,624sq. ft.

**System Design:** 4" to 6" extensive build up system with sedum plugs on top of a modified bitumen waterproofing membrane

**Greenroof Installer:** Capitol Greenroofs

**General Contractor:** FEI Construction Company

**Address:** DC Dept. of Public Works Tire Shop  
1827 West Virginia Ave., N.E.,  
Washington DC

**Above:** A protection fabric was placed directly on the waterproofing membrane with drainage channels arranged in a dendritic pattern. Two inches of granular drainage media was then placed down by crane and smoothed out with rakes. A no vegetation zone of stone ballast was spread out around the perimeter of the green roof Eighteen inches wide.

**Right:** A separation fabric is being rolled out as the soil is dumped on top. Most of the roof received four inches of soil except in two elongated locations that are bermed up to six inches.



**Left:** The four inch section was planted with 9 different varieties of sedum. The berms were planted with various types of perennials and sedums such as Dianthus, Allium and Delosperma cooperi and Talinum. Capitol Greenroofs currently maintains the roof.



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