

U.S. Tax Court Greenroof Renovation Washington, DC



Date Installed: November 2008
Assembly: Barrett Garden Roof
Roof Size: 5,500 sq. ft.
System Design: 4 in. extensive greenroof
Contractor: Cole Roofing
Architect: MTF Architecture
Client: General Services Administration
Address: 400 2nd Street, N.W.
Washington, DC 20217
Services Provided: Landscape Maintenance,
Construction Administration and Site Observation

Above: The growing media was lifted to the roof via a boom truck. Warning lines were placed around the perimeter and fall protection fencing was placed for offloading the material. A 1/2" drainage mat was placed on top of the protection board and hot rubberized asphalt waterproofing.

Right: There are two greenroofs on the building on the north wing and another on the southern wing as shown in this picture facing the Capitol. This was taken after the first eight months after being planted with plugs and after a routine maintenance visit.



Left: 2 sedum plugs per sq. ft. were used. The different types of succulents plantings installed were: *Sedum album*; *Sedum spurium* 'Fuldaglut'; *Sedum kamtschaticum*; *Sedum sexangulare*; *Sedum reflexum* 'Blue Spruce'; *Delosperma nubigenum*, and *sedum rupestre* 'Angelina'. An erosion control mat was placed on top of the extensive growing media. A 6' gravel strip was placed around the perimeter and 2' pavers were used for maintenance walkways around the roof hatch and access ladders.

For additional, questions concerning the design of this system please contact Gregory Long at 301.452.1144.

