

Takoma Park Community Center Roof Deck Renovation Takoma Park, Maryland



Date Installed: November 2009
Assembly: Cooley Extensive Garden Roof
Roof Size: 4,448 sq. ft.
System Design: 4 in. built up assembly
Designer: Dave Honza, Honza Group
General Contractor: Autumn Contracting
Landscape Contractor: Capitol Greenroofs
Roofing Contractor: Patuxent Roofing
Client: City of Takoma Park, Public Works
Address: 7500 Maple Avenue
Takoma Park, MD 20912

Above: Two patio areas that total 848 sq. ft. in size are set on top of 2" of extruded polystyrene insulation. The 2'x2'x2" concrete pavers were set on leveling shims/spacers and then aluminum edge restraints were placed around the perimeter. A 1/2" drainage mat runs under the patios and the vegetated areas.

Right: The growing media was blown in place and 4" PVC pipes were placed and then used as screed boards to maintain the proper soil depth and that still allows for compaction. A 42" high fence is in place for fall protection.



Left: 3" plugs placed on 8" centers (2.5 plants/sq. ft.) were provided by Carolina Stonecrops and planted along with some cuttings that were broadcasted in early spring. An erosion control mat comprising of a 1" jute net was laid on top of the growing media to help reduce wind erosion and to help reduce water loss due to evaporation. Within six months the roof is approximately 50% covered and features approximately a dozen different sedum and succulent species. CGR also has a two year bi-monthly maintenance contract in place. For additional questions concerning the project please contact Andrew Stanton at 321.795.7818.



