

# PROJECT SPOTLIGHT



When representatives from Jonathan Levi Architects made their initial site visit to Harvard 29 Garden Street (an 80-year-old, nondescript building they were commissioned to redesign into housing for 143 students), one of the first items identified for change was an unattractive blacktopped roof over a one-story parking garage. Because all of the building's units looked out onto this roof, the architect proposed to capture this space aesthetically.

And they have. The once unsightly rooftop is now a 10,000 square foot Garden Roof<sup>®</sup> providing pleasing views and helping to add a sense of place and community for the graduate student residents there. The Garden Roof will significantly increase the life expectancy of the roof and is also helping to control stormwater runoff.

The Garden Roof Assembly from American Hydrotech allowed the rooftop garden to seamlessly blend into the building - creating an extensive green roof system with an average 4-inch-deep soil mix and low-growing hardy plants.

The building's Garden Roof consists of a multilayered waterproofing membrane - MM6125<sup>®</sup>-EV, a hot fluid-applied, completely monolithic membrane bonded directly to the substrate. A decided advantage of this system is being able to combine hardscape and softscape while maintaining proper drainage at the deck level and moisture retention just below the soil. The ability to provide a single source warranty for the entire assembly was a deciding factor in vendor selection. The Rooftop plantings include a mix of succulents, sedums and della spirna, drought tolerant varieties that can take Boston's high day-night temperature fluctuations. Now after a long day in class, students can just sit back and enjoy the view.

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## Harvard University 29 Garden Street

Cambridge, MA

Owner  
The President and Fellows of  
Harvard College

Architect  
Jonathan Levi Architects  
Bergmeyer Associates (Associate Architect)  
Richard Burck Associates (Landscape Architect)

General Contractor  
Bond Brothers

Hydrotech Applicators  
Chapman Waterproofing  
Foye & Letendre Landscaping

Year Completed  
2004

Waterproofing/Roofing Area  
10,000 S.F. Garden Roof<sup>®</sup> Assembly

Hydrotech Products  
Monolithic Membrane 6125<sup>®</sup>-EV  
Hydroflex<sup>®</sup> RB  
Moisture Retention/Drainage Panels  
SystemFilter  
LiteTop<sup>®</sup> Engineered Soil  
Terra Pavers<sup>®</sup>-H & Precast Planters



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