

Project Report

High Line Park, New York City



More than 3 million people have visited the High Line Park so far.

Project Data

Total area: length ca. 2.400 m,
width ca. 9 to 18 m

realization in 3 sections of about
800 m length each

Opening:

- Section 1: 8. June 2009
- Section 2: 7. June 2011

Architects:

Diller Scofidio + Renfro

Landscape architect:

James Corner, Field Operations

Contractor:

Kelco Landscaping

Coordinates:

40°44'42.35"N 74°00'24.23"W

Conception

In 2003, a team consisting of the landscape architect James Corner with his office Field Operations, the architects Diller Scofidio + Renfro and the plant specialist Piet Oudolf won the international ideas contest "Designing the High Line". Their concept included ponds and benches. Viewpoints should allow splendid views of the Hudson River, the Empire State Building and the Statue of Liberty. Staircases and elevators - similar to those

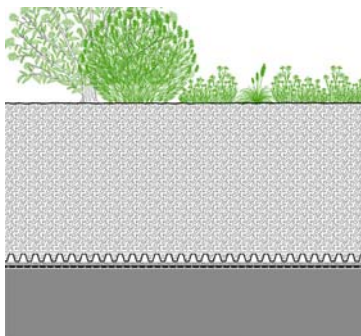
of interurban railway stations - were planned in regular distances. It was the planner's objective to preserve the natural flora and wilderness which had developed over the years on the former freight train line. The rails should remain visible in remembrance of the historical origin. In the meantime 210 plant species, including numerous shrubs and trees, thrive in a height of 5-9 m and a substrate depth of about 450 mm.

Development



Today's appearance very much resembles this project outline (2003).

System Build-up



- Plant layer
- System Substrate
- Filter Sheet SF
- Floradrain® FD 25-E,
infilled with Zincblend M
- Protection Mat
- Roof construction with
root resistant waterproofing



Installation of the green roof build-up under the rails. The drainage layer consists of infilled Floradrain® elements.



The High Line Park has achieved the "IGRA Green Roof Leadership Award 2010".



More than 200 different plant species were used.



The average substrate depth is 450 mm.

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