

Project Report

Mashantucket Pequot Museum, CT



The Mashantucket Pequot Museum and the Research Centre in Connecticut, USA.

Project Data

Area: ca. 7.000 m²

Construction Year: 1998

Architect/Design:
Architects Polshek and Partners,
New York

Landscape architect:
Dan Kiley

System build-up:
Floradrain® FD 60 on inverted roof

Coordinates:
41°27'58.57"N 71°57'47.66"W

Conception

The Mashantucket Pequot Museum and Research Centre was built on the Mashantucket Pequot Reservation in Connecticut. It is the world's largest and most comprehensive Native American museum and research centre.

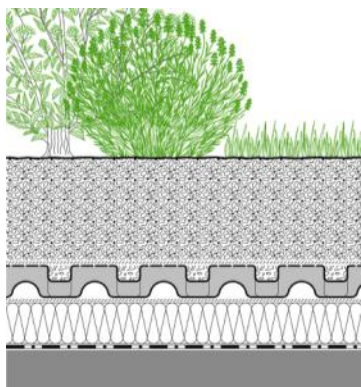
The facility was designed to interact with its surrounding environment and to maintain the ecological integrity of the area by embracing the tree line and existing

topography. Due to the large size of the facility ca. 28.600 m², the Tribe wanted a seamless transition between the museum roof and the adjacent marshland, a 500 acre (200 ha) wetland of significant historical and cultural importance to the Mashantucket Pequot community. The green roof is approximately ca. 7.000 m² and covers all of the permanent museum exhibit buildings.



The museum after the construction phase.

System Build-up



- Plant layer
- System Substrate
- Filter Sheet SF
- Floradrain® FD 60, infilled with Zincolit® Plus
- Separation Membrane TGV 21
- Thermal insulation XPS
- Roof construction with root resistant waterproofing



The green roof of the Pequot-Museum is a multi award winning project.



Planting beds with flowering cherry trees and evergreen ground covers.



A subtly lit path leads visitors down from the roof into the adjacent forest.



Glass skylights are the only hint to the extensive exhibition facilities below.

