

PROJECT REPORT



QUEEN STREET HOTEL AND SPA, ONTARIO



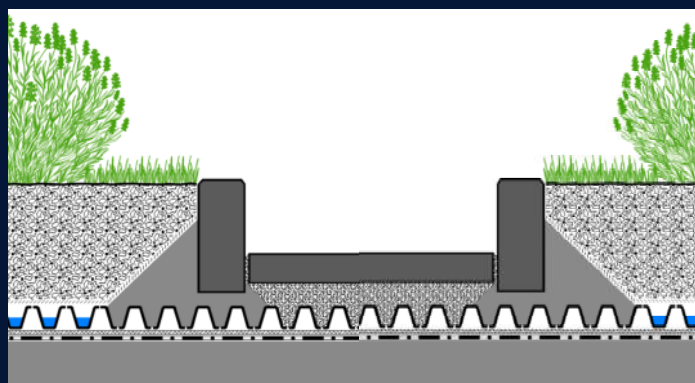
PROJECT DATA

Area: ca. 1.800 m²
Construction Year: 2021–2023

Landscape architect:
Zinco Canada x Environmental
Design Group

Contractor:
Environmental Design Group

System Build-up:
“Walkway” with Floradrain® FD 40-E



SYSTEM BUILD-UP

Concrete slabs

Bedding and backfilling material:
HPB (High Performance Bedding)

Floradrain® FD 40-E
Protection Mat ISM 50

Roof construction with root resistant waterproofing

CONCEPTION

The green roof of the Queen Street Hotel in Ontario is located on the hotel's own underground garage and was designed to resemble a Zen garden. Even the over 100-year-old forge building was integrated. The approx. 1.800 m² roof area includes an intensive green roof, walkways and water features. Specially designed planting areas for perennials and the higher planters troughs for trees are watered using the rainwater collected from the garden.

The system build-up used here with Floradrain® FD 40-E represents a multifunctional green roof assembly with high water retention capacity. It is best suited for lawns, perennial plants such as shrubs, bushes and trees. This structure is also suitable for paving slabs.



The roof area under construction shortly before laying the terrace slabs and planting.



Shortly after completion of the roof surface.



The lawn around the roof garden forms a green frame.

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