

NORTHWEST LANDSCAPE PROFESSIONAL

WALP



2013 Award Winner: Green Roof Adds Character To Floating Home • Page 6

Cover : 2013 Grand Award Recipient • Lake Union • Pacific Earth Works

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Looking southwest at southwest portion of green roof during mid-summer

Native Growth And The Built Environment Blend Perfectly

Water, Water Everywhere

Floating homes on Lake Union are all the craze. These homes, situated on rafts semi-permanently moored to a dock, are unique and provide luxury. When contracted to add a green roof to a new floating home, WALP member firm Pacific Earth Works was awarded the bid to work on the project that proved to be a challenging task. But the rewards were spectacular for the Monroe-based company.

Along the way, they earned a well-deserved Grand Award in the Residential Construction Category in WALP's 2013 Environmental Landscape Awards Program.

The project called for a unique wrap-around, extensive, built-up green roof surrounding the outdoor patio area of the new floating home on Lake Union. The project was designed by the home owner and GC Design. Pacific Earth Works installed the American Hydrotech green roof system which featured sedum tiles atop a build-up system including a protection sheet, root barrier, drain board, filter

cloth, slotted aluminum edge restraint, gravel ballast vegetation-free zone, extensive growing media, and sedum tiles.

With any project, challenges did arise. This project required coordination for material delivery and handling and access to the roof deck by hand. In addition, ballasting of the floating home to level it on the water had to be coordinated with the builder to accommodate the variance of the load during placement of the materials, as well as to accommodate the final additional green roof load. The tight quarters didn't lend well to the ease of the project either. With the project area being very small, planning and coordination was required to accommodate the crew and materials within the tight working area.

Huge congratulations for Pacific Earth Works, a company that has been wowing the Green Industry for nearly 35 years, and for ten of those years, has been working on green roofs. For more information visit www.pacificearthworks.com.

Cover: Looking north at green roof area just after completion of installation.



1



4



2



5



3



6

Photo 1

The green roof area prior to placement of the protection sheet, root barrier, drain board, filter cloth, edging, gravel ballast, growing media, and sedum tiles.

Photo 2

The green roof area prior to placement of materials.

Photo 3

Narrow planting strip within green roof area prior to placement of materials.

Photo 4

The green roof area just after completion of installation of build-up components and sedum tiles.

Photo 5

The green roof area just after completion of installation

Photo 6

Narrow planting strip within the green roof area just after completion of installation.