

(office use only)
Date of NB entry:

Name of project: Sustainable Urban Tree Planting

Organization(s) in charge of project: The Oregon Garden

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Dates of project: installation 11-03 to 1-04 and monitoring through year 2016

Location of project: entry plaza (near Education Center) at the Oregon Garden

Brief description of project:

This project entails using a “Deeproot” root barrier to force roots to grow down 18” and then into a homemade modification of a patented “structural soil” (Cornell University). The “structural soil” allows for unobstructed root penetration through a structural matrix (in this case- 4 parts crushed rock to 1 part soil) while allowing for the typical compaction rates needed to lay pavers or concrete.

Type of research (baseline data; hypothesis testing; replicated trials/ field trials; case study; demonstration; etc.):

field trial and case study

Funding source(s): Oregon Garden operations budget