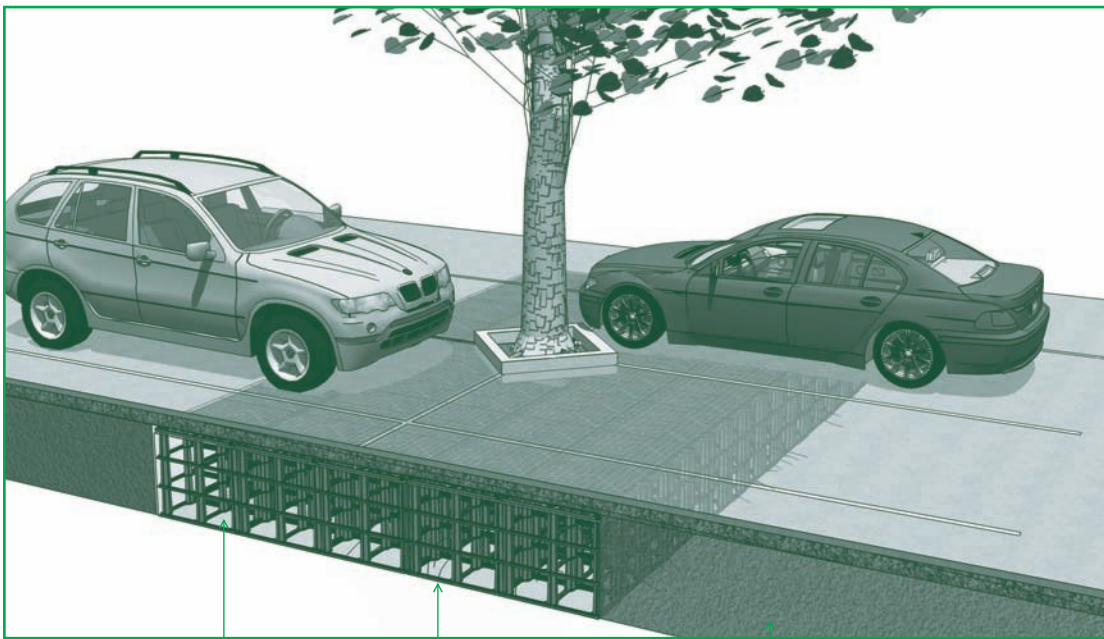


3 PARKING AND SIDEWALKS

DeepRoot's Structural Cell is a modular, underground framework that promotes healthy tree growth while simultaneously providing on-site stormwater management. Most importantly, the Structural Cell does this while supporting traffic loads to AASHTO H-20 standards.

The Cell is ideal for a wide variety of development applications from plazas, to sidewalks and parking lots. Existing utilities can be easily accommodated, providing full site utilization and maximum ecological benefits from large trees.



Soil within cells is at optimum compaction for water penetration, filtering and storage

Cells can be stacked up to three high

Compacted subgrade soils

PARKING LOTS

The Structural Cell creates sizable underground areas for a tree's roots to grow without disrupting the size of the parking lot or existing underground utilities. Parking is maximized without compromising the ability of the tree to grow large enough to provide significant shade, beauty, and on-site stormwater management.

SIDEWALKS

The Structural Cell provides a simple way for soil composition to be tailored and improved to optimize soil function for particular trees and attributes. The resulting healthy soil is at optimum compaction, filters and manages stormwater, and fosters a tree whose size and functionality contributes benefits for generations.

