

Sidewalk Upheavals:



Temporary Fix – “Concrete Bridging”



Concrete cut – sidewalk narrowed.



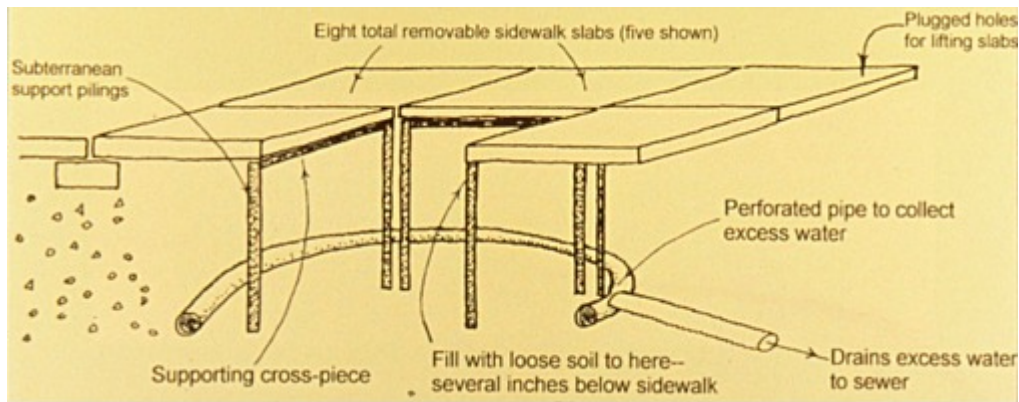
Younger tree lifting sidewalk



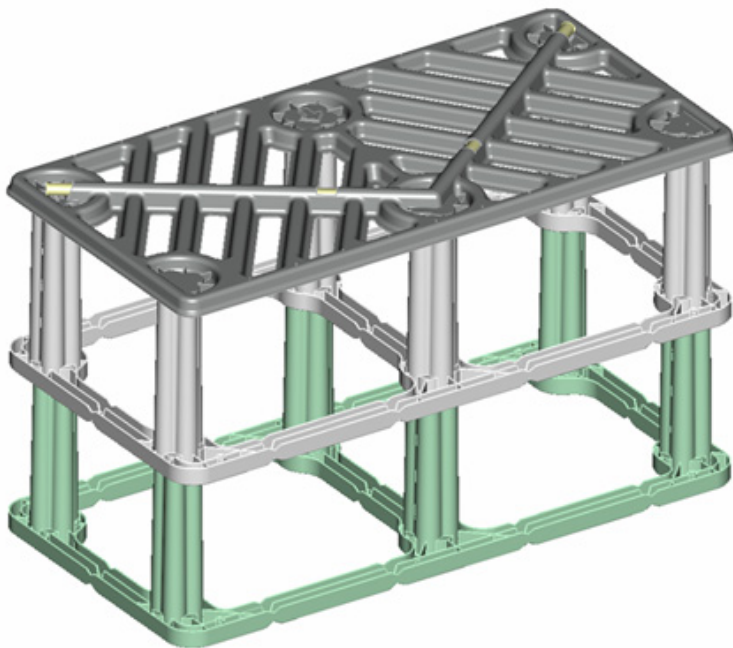
Right Tree Right Place – Veitchia Palm



Thinning canopy. Many trees in decline.



The specification for the suspended walk calls for soil to be loosely placed in the planting area before installing slabs on the pilings and lateral support pieces. The drainage system ensures that excess water moves away from the soil system.



The Silva Cell product supports the sidewalk or parking lot pavement without compacting the soil. The plastic Structural Cell (two tiers shown) carries the weight of even very large vehicles so soil is backfilled at low bulk density. This allows roots to grow in loose soil.

Tree cell applications Large soil volume

Soil volume provided
1,200 cu ft @ 32' tree spacing
33.9 m³ @ 9.6m tree spacing

Includes 160 cu ft/4.32 m³
soil within tree opening

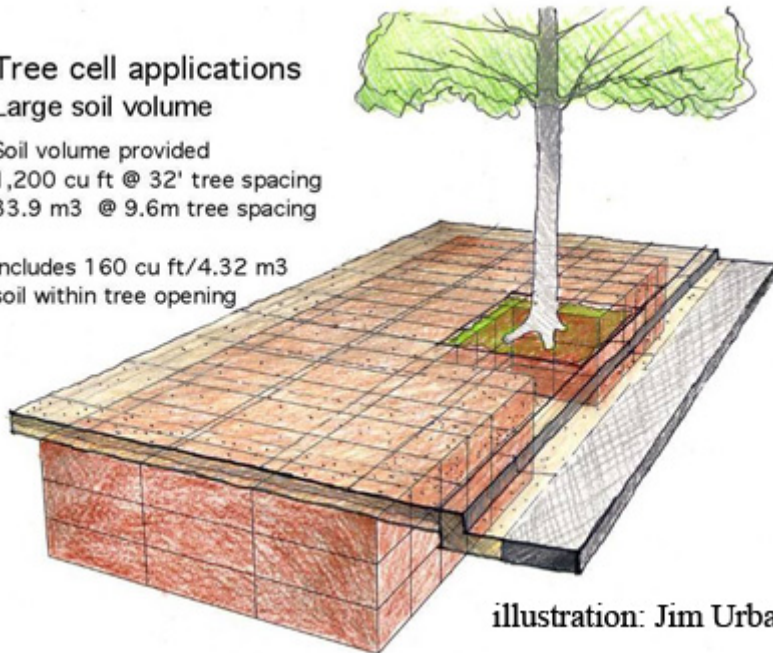


illustration: Jim Urban

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This walk is suspended above the soil. There is no contact between the bottom of the slab and the soil. The slabs rest on lateral supports and pilings. This allows the soil to be placed loosely in the 100'-long planting hole which promotes root growth. Good root growth translates into healthy trees as shown above