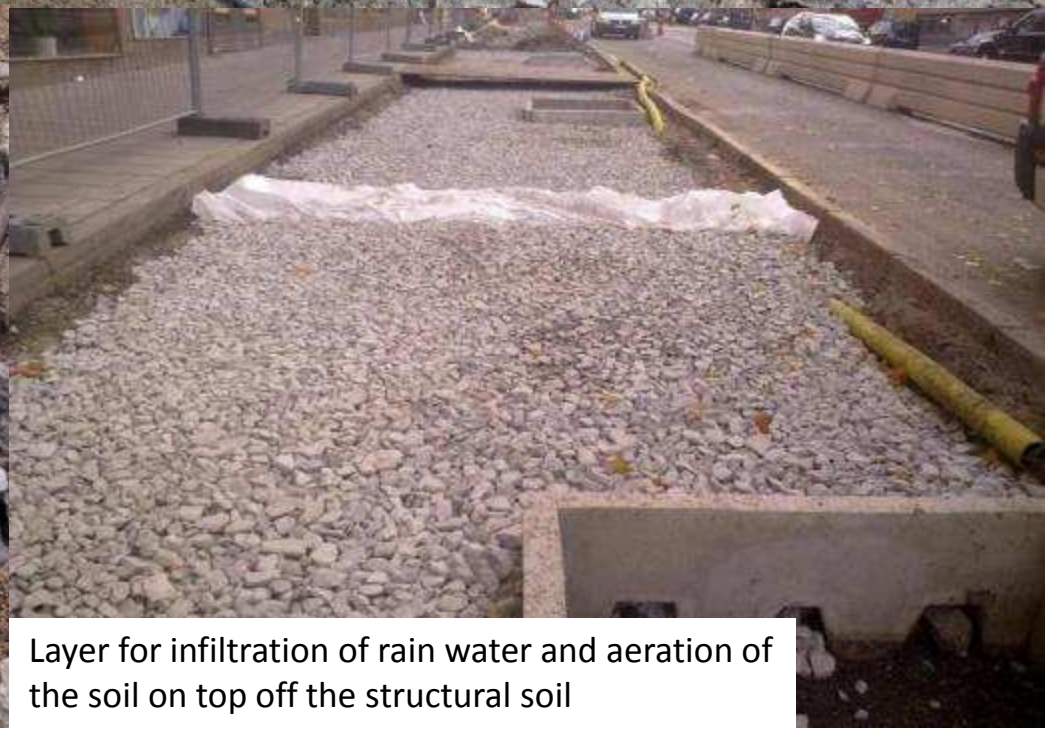
Flushing the soil into the structure

Ventilation chamber and inlet of surface water

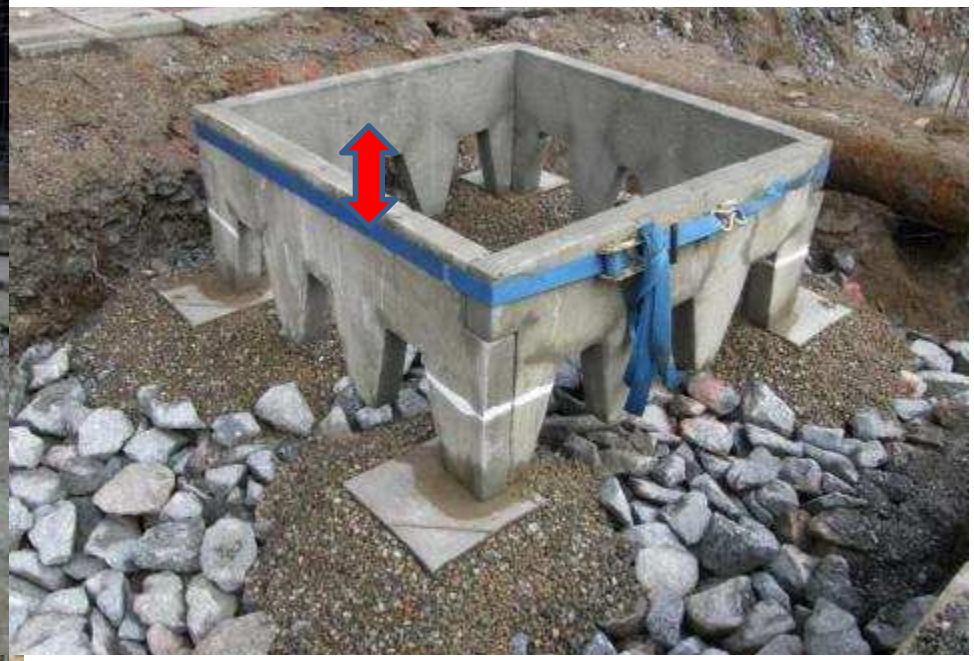
Slow release fertilizer



Layer for infiltration of rain water and aeration of the soil on top off the structural soil

Granit size 90-150mm

Concrete box to hold the paved surface in place



Compacting befor soil is washed in to the voids

The stone shall fall into the box to get a stabel construction

Layer for infiltration of rain water and ventilation of the ground

Important with geotextile connection against curbs inlets concrete boxes etc.so that no fine material could run into the airy base course

- We take water from roofs and pavements through inlets to the ventilated bearing layer and the structural soil.

If the percolation layer is full, the storm water flows into the old street inlet.

- Roof and pavement surface 4600kvm Rainfall 600mm year (2 fot)
  Approximately 2.3 million liters of water year Saved cost for the treatment of stormwater = 2300 euro /year
  Reduced load on the Baltic Sea / and lakes at torrential rains

we find mykorrhitza in our structural soils which only thrives in good conditions (planting pits acting as a biological filter)


Norrsida planterad
December 2010
-9 Celsius