

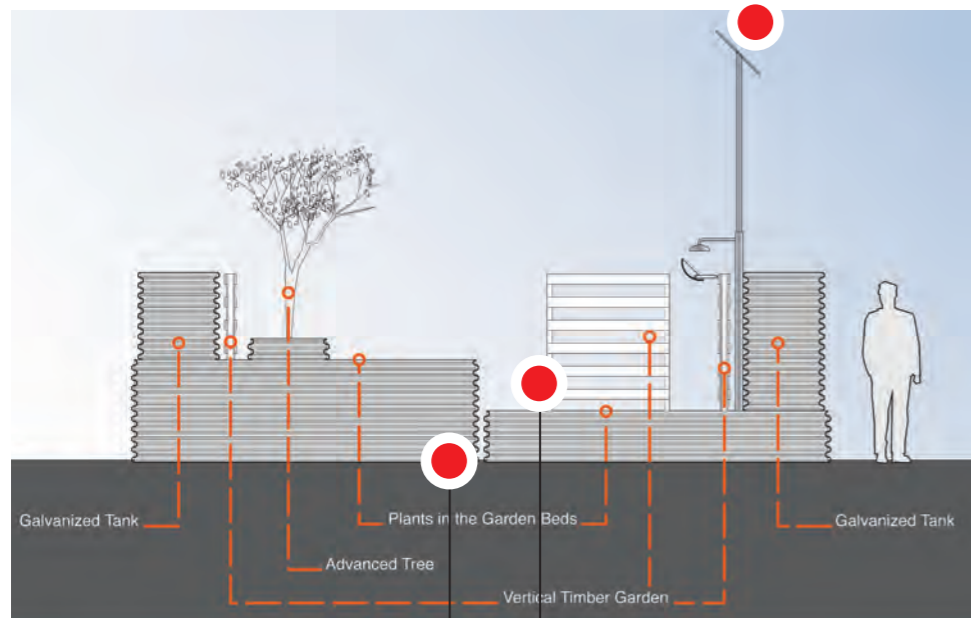
SHADING OUR STREETS – POP-UP MEDIAN STRIPS

In summer a pop-up median strip roughly halves the area exposed to the sun and is expected to lower nearby day and night temperatures by at least one degree.

The pump is 'set and forget': a timer runs it for approximately 20 minutes per day so the garden is self irrigating.



What about the irrigation? Sun shines on the solar panel which powers a pump. That pumps water from the rain tanks to the top of the vertical garden where it sprays onto a recycled car window sculpture. From there the water flows to the top row of the vertical garden and by gravity, from there to the lower levels of the garden. Then the water re-enters the rain tanks and is pumped again through the system. When the sun goes down the pump turns off.



Another way to make the ecoPOP self-irrigating is to connect downpipes to it from adjoining buildings. When it rains the water is carried to the ecoPOP and the 'head' or height of the water from the roofs nearby provides enough water pressure to run the shower sculpture.

A worm farm in the garden bed takes local food scraps. The tap is left open to drip worm juice into the rain tank water; the nutrients are thus dispersed around the plants and trees in the garden bed. It's almost impossible to hear the pump work when you're beside it.

Addison Road Community Centre



Michael and Costa Georgiadis



Perfect compost



Planting the tree



Rosy the environment officer at Addison Road Centre, Costa, the author, Jeff Angel of Total Environment Centre which launched its national Cool Streets campaign that day with the ecoPOP.

