



View of Pavilion

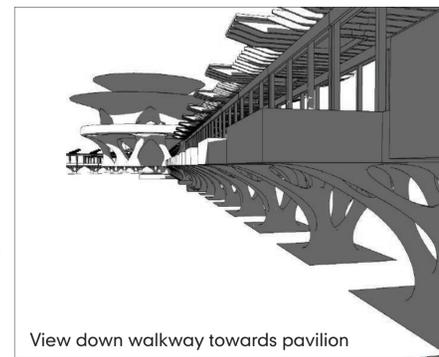


In this proposal, we present the sculptural design of a walkway system that acts as the built component of a new green corridor. The centerpiece for this design is an open-air pavilion taking the form of a tree that houses which houses many plants and generates power through photovoltaic panels in the upper level and along the walkways.

For this design, we chose a motif that could work at multiple scales, from the large pavilion, to a raised walkway between buildings or even as an outdoor table/farming system. The design runs along a main axis through the site with the pavilion in the center.

The walkway and pavilion carry solar panels above rotated for maximum exposure. Their main function is to provide planters to hold vegetation. Water storage collected from the site is stored in underground reservoirs and is pumped using power generated from the site. There is also the opportunity for community farming both in the plants and below the walkway.

The pavilion structure itself is created through digital fabrication, by 3D printing concrete for the main form. This is scaffolded by a bamboo frame which vine plants can grow along.



View down walkway towards pavilion

WORLD TREE