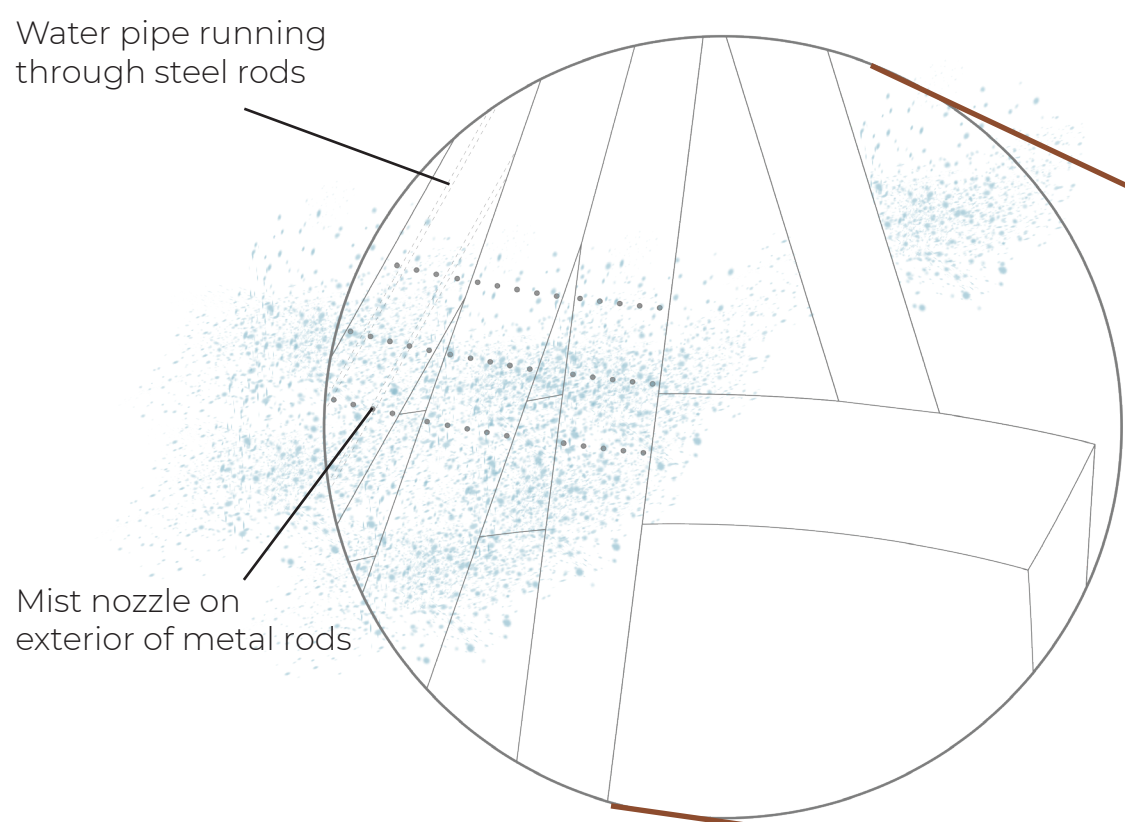


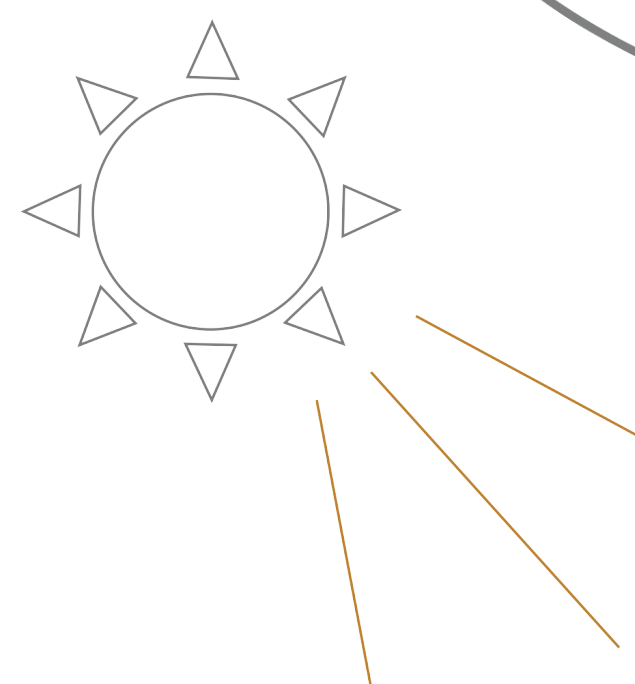


Mist System

Used for cooling and watering the food produced on site to be self-sustaining

Food System Panels

Food grows on the steel rods like a vertical farm to encourage community through the use of an open garden



Solar Panels

On the larger panels there are thin film semi-transparent photovoltaic panels in between the steel rods to harvest solar power



Rainwater Harvest Pool

In the centre contains a large pool that collects rainwater that is then filtered to be reused on site and is used for the plants

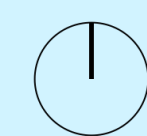
Panels made of mirror to collect solar energy

Energy storage to be used later

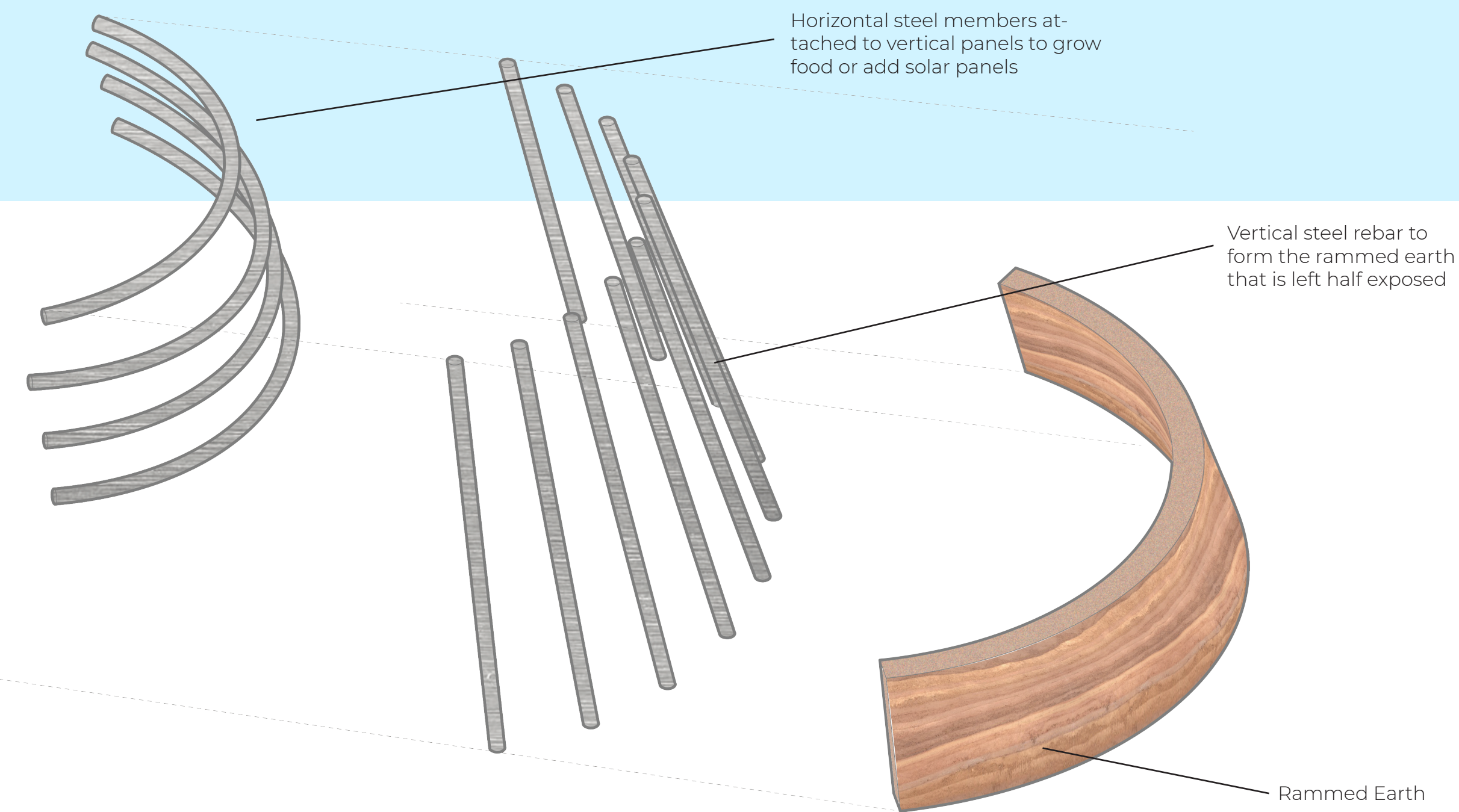
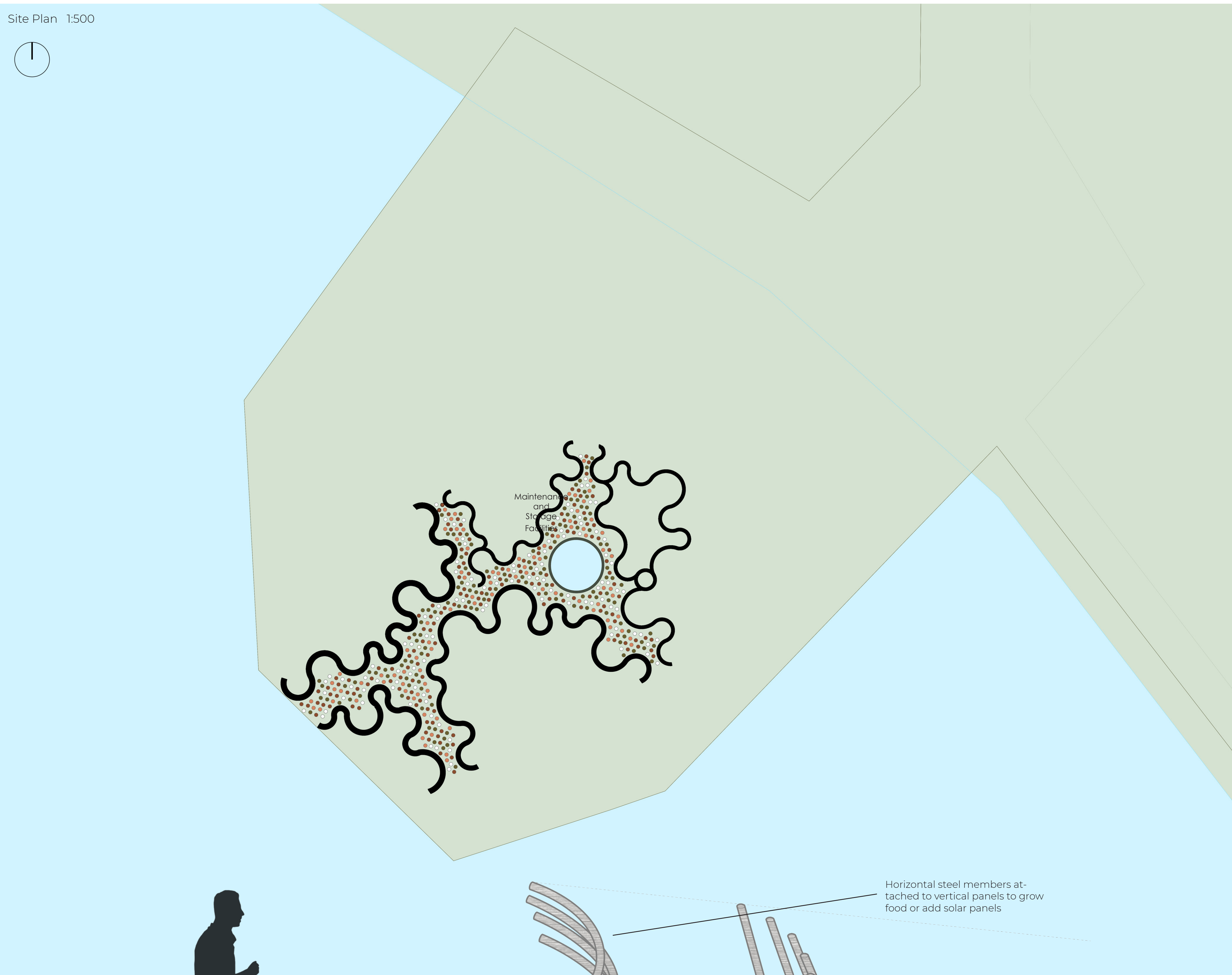
A fibrous skin of a panelled photovoltaic systems

Footstep Power

In the middle of the path there are multi-coloured pavers that use piezoelectric power with peoples' footsteps



Site Plan 1:500



Modular Panels

Base of the panels are made of rammed earth and the vertical steel members are the rebar to make the rammed earth. However the rammed earth does not fully cover the vertical members. Then the horizontal members are attached to exposed steel to allow for the growth of food or the addition of photovoltaic panels