



AGGREGATION SCENARIOS

Due to the transparency of tubes containing algae bioreactors, the color of green organic hue is projected onto adjacent landscapes through reflection and refraction of sunlight shining through. The vertically stacked tapering massing of an individually assembled module is sculpturally influenced by long and upright cactus that can be found in the surrounding landscape. An array of tubes containing algae are placed compactly to form a semi-enclosed cylinder, creating an intimate space housing one or two people at a time. It becomes an individual shelter and a chapel for people seeking meditation, contemplation, and emerging oneself to nature in a peacefully isolated manner.

Whether it is diurnal or nocturnal, lights passing through algae tubes create exotic and novel atmosphere. When the CACTi system is laid out in a grid, it creates ancient temple-like spaces of colonnade series in both directions, forming a maze-like phantasmal space. A linear organization of a system can establish axes throughout the Fly Ranch to work as streetscape with function of light ramp and wayfinding mechanism. A circular enclosed organization creates agora-like spatial qualities that are appropriate for artistic performance stages with audience.