

*The Latent Garden*  
*An Oscillating field*

Plan 1:50

Species

*Inside the Bio-chamber*

- Spirogyra* sp.
- Cladophora* sp.
- Chlorella vulgaris*
- Navicula* sp.
- Nitzschia* sp.
- Batrachospermum moniliforme*
- Oscillatoria* sp.
- Nostoc* sp.
- Anabaena* sp.

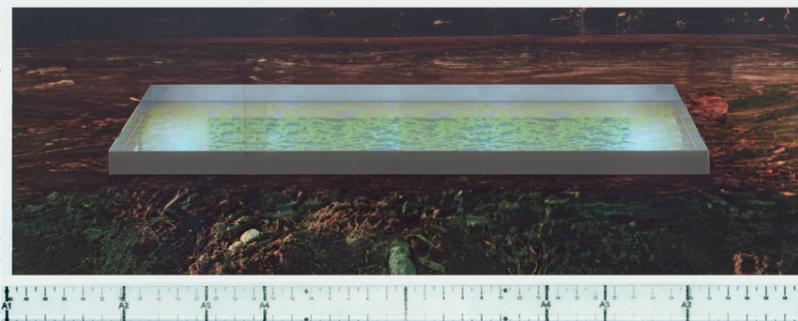
*On Surface (Epiphytic) R1*

- Polytrichum commune*
- Bryum capillare*
- Cladonia rangiferina*
- Xanthoria parietina*

*Outside the Bioreactor R2*

- Lobelia cardinalis*
- Iris versicolor*
- Pontederia cordata*
- Sagittaria latifolia*
- Lythrum salicaria*

*Outside the Bioreactor* –



The project proposes a contained garden that acts as an ecological biochamber: it breathes, leaks, and propagates the life that overflows from it.

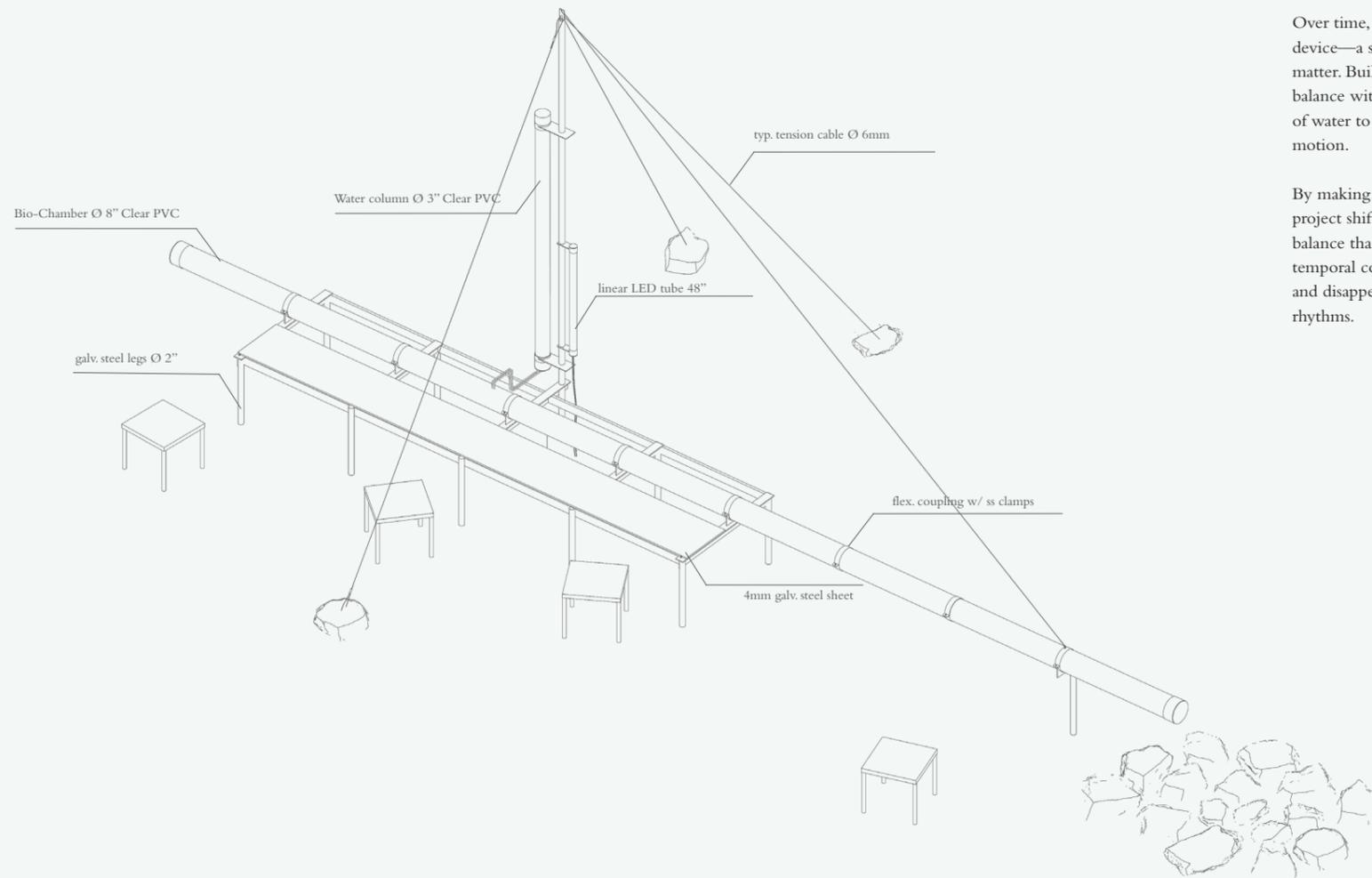
A transparent horizontal tube sustains an aquatic ecosystem of algae, activated by light, temperature, and nutrient concentration in dialogue with the seasons of the year. The system maintains its biological balance through minimal recirculation, manually regulated through a water column.

The excess leaks through a drainage system that deposits microbes and spores onto scattered stones, where mosses, lichens, and endemic flowers sprout and expand into the surroundings. As it evaporates, the water suspends a light mist that sustains a humid, living photosynthetic field

Situated along the east-west axis of the garden, the infrastructure dissolves among the trunks, its horizontality interrupts the verticality of the forest. Alternately concealed and revealed, the

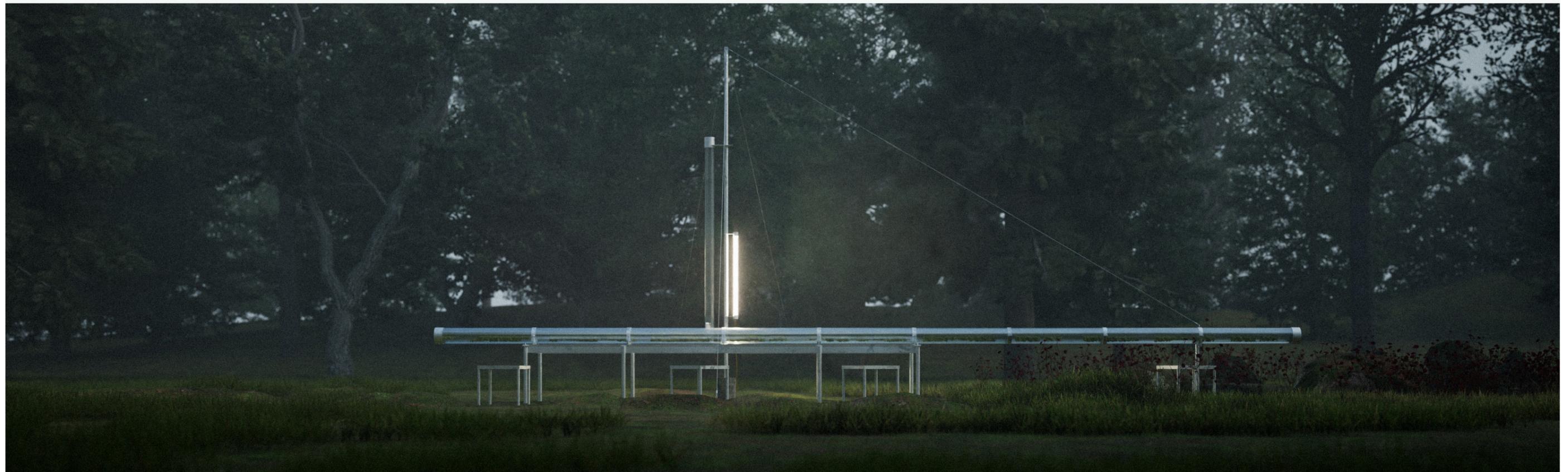
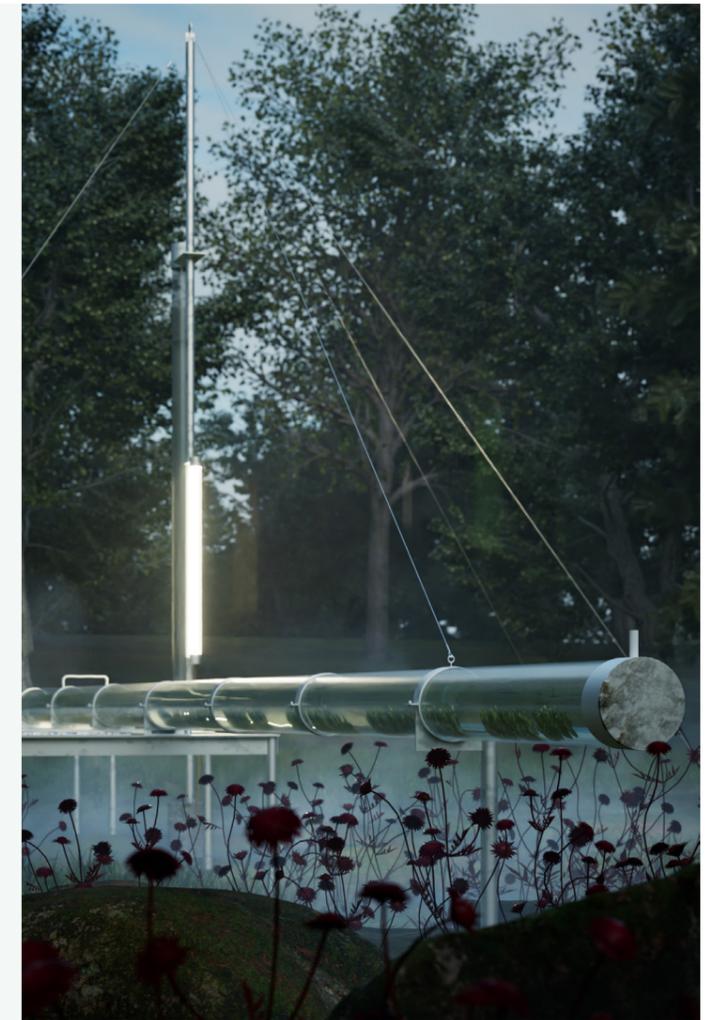
mind reconstructs what the eye loses; in this oscillation between presence and absence, a visual paradox emerges.

As one approaches, the scale becomes domestic. The table, as part of the infrastructure, acts as a surface of observation where the boundary between artifact and landscape dissolves, revealing growth and its propagation.



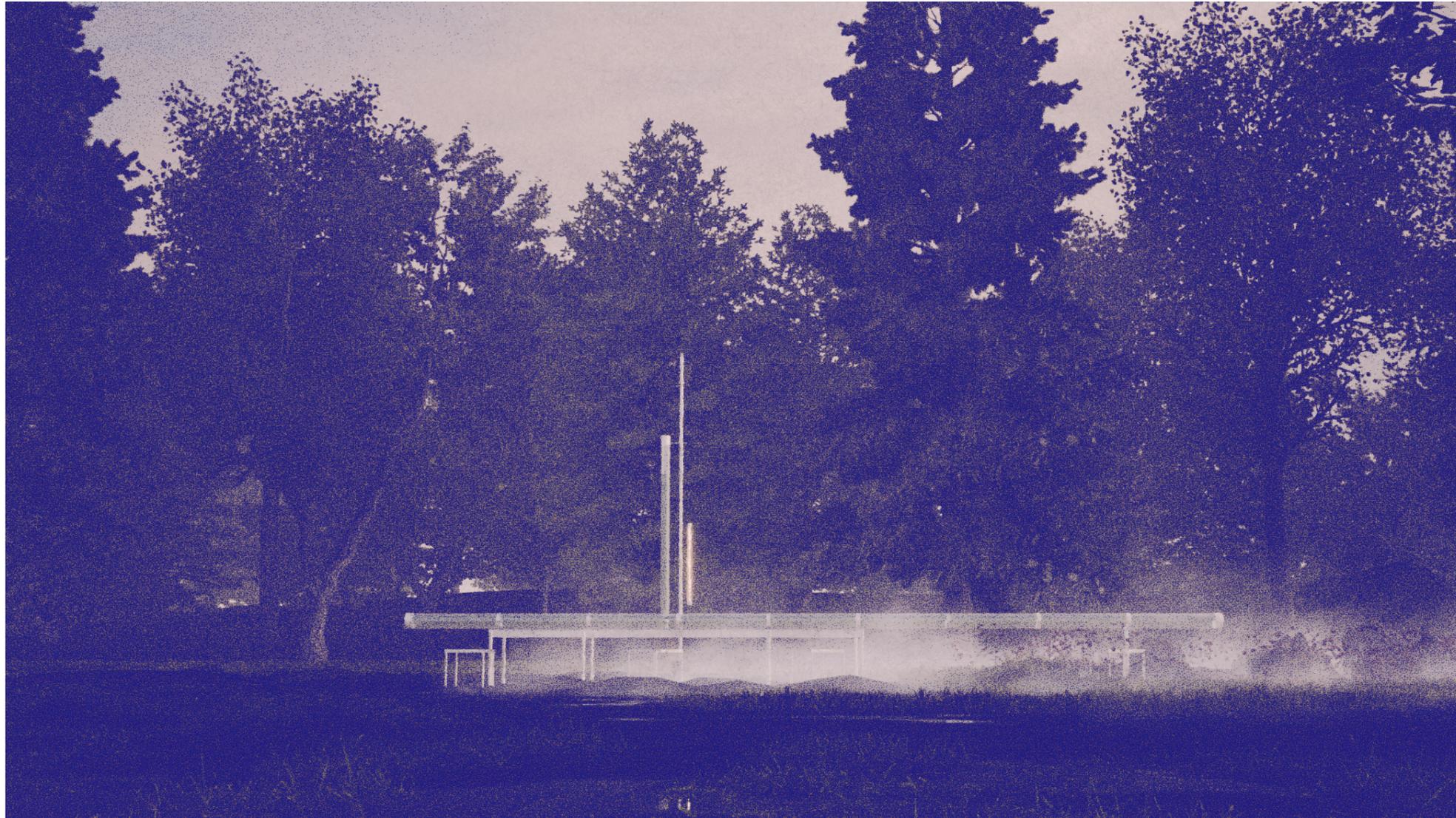
Over time, the garden constructs itself through this device—a slow choreography of light, water, and living matter. Built from off-the-shelf materials, it sustains its balance with minimal intervention: a small addition of water to the column each week sets the system in motion.

By making these transformations perceptible, the project shifts attention from static beauty to the fragile balance that sustains it, inviting awareness of life as a temporal condition—one that breathes, accumulates, and disappears within ever-changing environmental rhythms.



## The Latent Garden

### *An Oscillating field*



## Sola + Ferrari

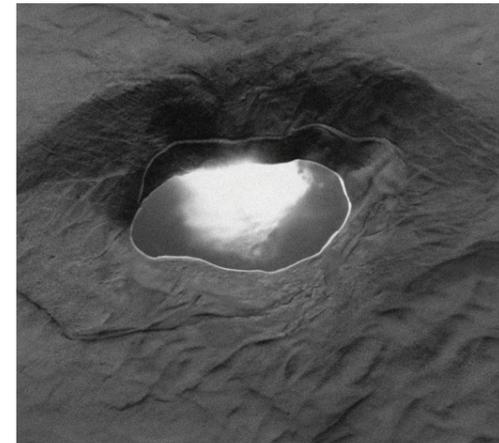
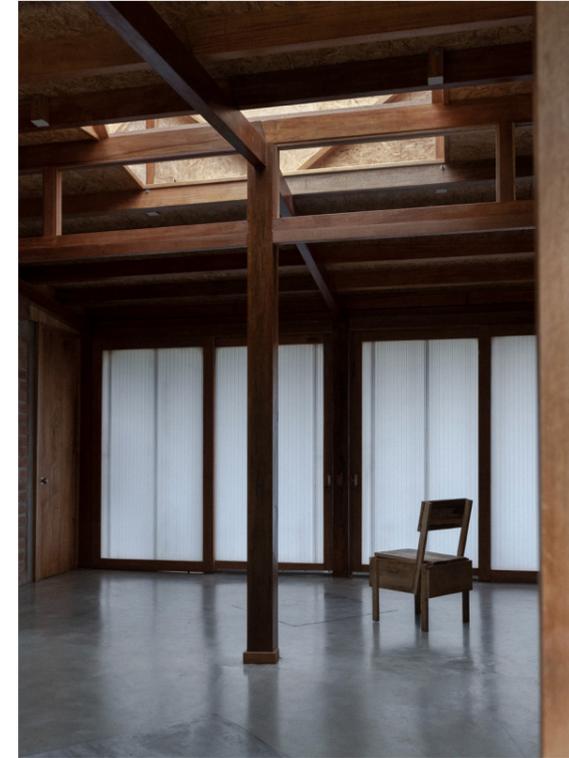
Dennis Sola & Maria Ferrari

Architects, Quito (Ecuador) / Lima (Peru) /  
Syracuse (USA)

*Dennis Sola and María Ferrari explore the intersection between infrastructure, landscape, and living processes. Their work investigates how ecological systems can become perceptible through matter, rhythm, and light. Operating between Quito, Lima, and Syracuse, they develop projects that mediate between nature and artifact, intimacy and territory. Their collaborations bridge research and construction, aiming to cultivate new forms of environmental awareness through design.*

Within the framework of Cartographing the Sensitive, The Latent Garden: An Oscillating Field traces a cartography of the imperceptible—where air, water, and light become instruments of measure. Through slow exchanges between body, matter, and

landscape, it renders visible the site's hidden metabolism. The garden performs as a *quasi-wilderness*: a living infrastructure that breathes, leaks, and transforms, inviting awareness of the fragile equilibria that sustain life beyond static notions of beauty or control.



## Sola + Ferrari

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Architects, Quito (Ecuador) / Lima (Peru) / Syracuse (USA)

### *Selected Projects.*

*1. Cyclops House completed in 2022 in Cotopaxi - Ecuador.*

*Featured internationally in specialized media and in the 2023 Buenos Aires Biennale.*

*2. Alma House Completed in 2023 in Mindo - Ecuador.*

*Featured internationally in specialized media.*

*3. Mountain Flag - project in Jossingfjord-Norway For Prof. Luis Callejas (LCLA)*

Dennis Sola and María Ferrari share a practice grounded in the construction of remote and environmentally responsive projects. Their built work explores how architecture can mediate between material systems, climatic forces, and human presence. Cyclops House investigates perception and enclosure

through a series of calibrated openings that frame the rainforest; Alma House engages local timber and humidity to create a self-regulating domestic environment; and Mountain Flag transforms an exposed highland site into a spatial instrument that registers wind and temperature. Across these works,

architecture functions as a device that reveals rather than shelters—an interface between structure and environment. Their ongoing collaboration continues this trajectory, using infrastructure as a medium to render visible the living and energetic conditions that shape landscape.