

The colored photovoltaic panels arrayed in a radiating gable roof form, create a dynamic interplay of light and shade as an experiential pavilion for the Marou Community to house various community-based events- becoming a place for collective memories.



Between the gap of modular roofs structure, allows rains to fall directly to the wetland basin for rainwater harvesting and filtration, while completing an ecological cycle to also nourishing the wildlife or aquaculture underneath the large roof coverage.



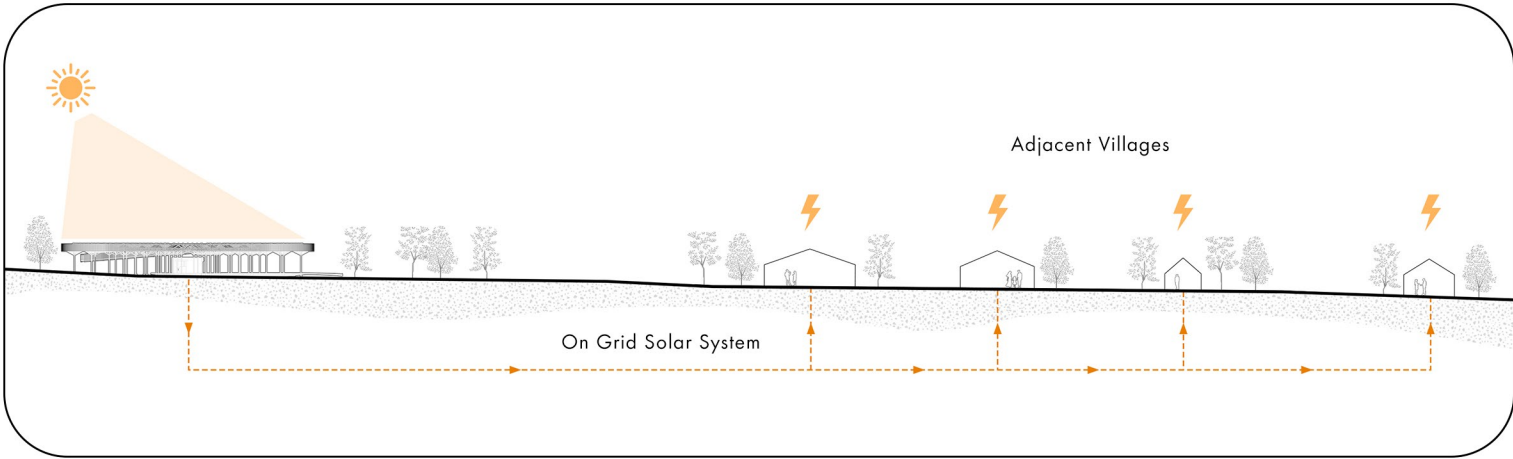
Located at the higher topography of Marou Village, the pavilion is also a viewing deck itself spanning horizontally to offer panoramic views towards the village and sea, and its circular-shaped layout embrace the surrounding context too as a continuum.



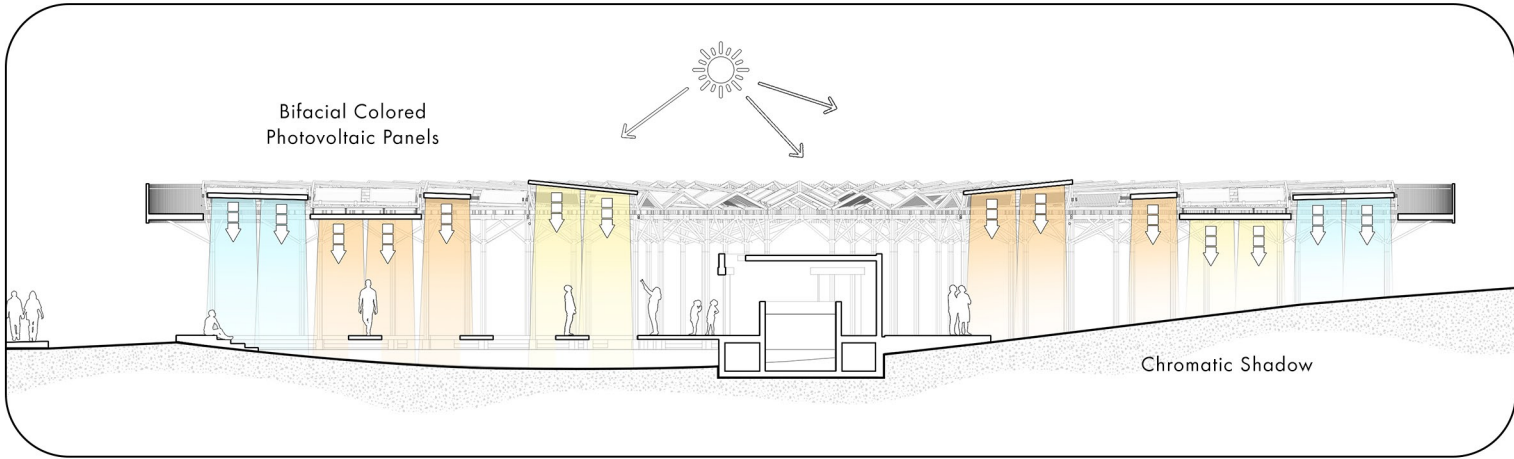
OF THE NATURE & CULTURE

DESIGN CONFIGURATIONS & COMPONENTS

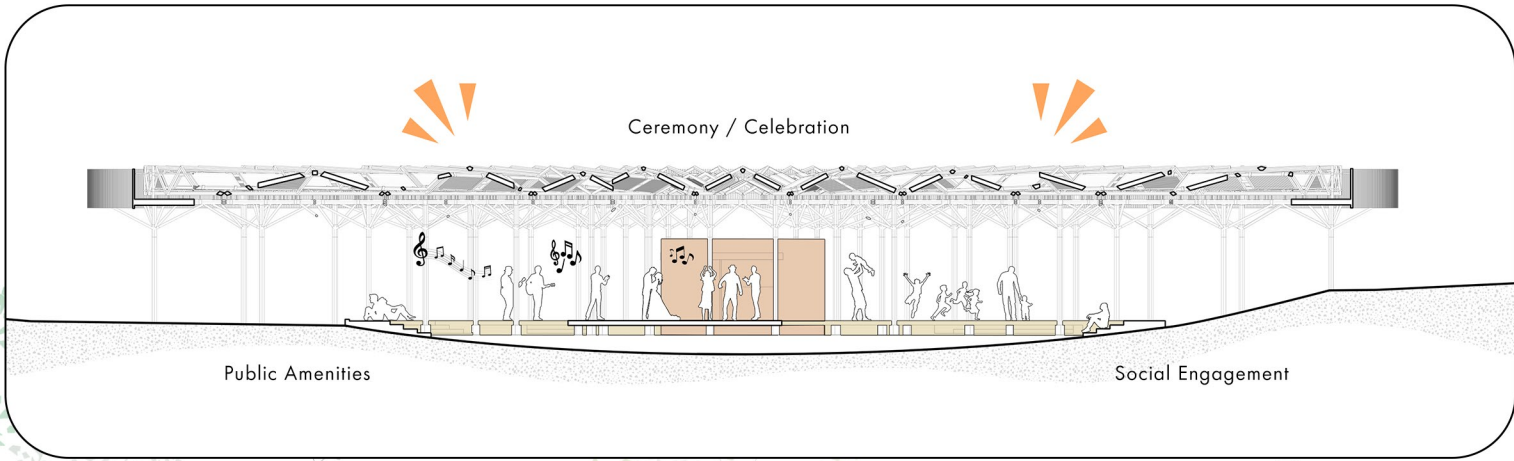
The design configurations of the pavilion are orchestrated in a sophisticated emblem of different systems, converge in a single, independent body. They consist of photovoltaic generating and shade system, rainwater harvesting system, storage and distribution system, communal and multifunction systems, ecological and wildlife system. These systems are configured by the combination of the pavilion's components including its photovoltaic canopy, viewing ring deck, bamboo structures, water and energy storage, boardwalks, amphitheater seatings, and wetland basin. By the multi-scalar and modular integrations from single element, assembly, components, and the overall pavilion, the craft of the pavilion is thus, a symphony from indigenous materials, construction, culture, art and nature.



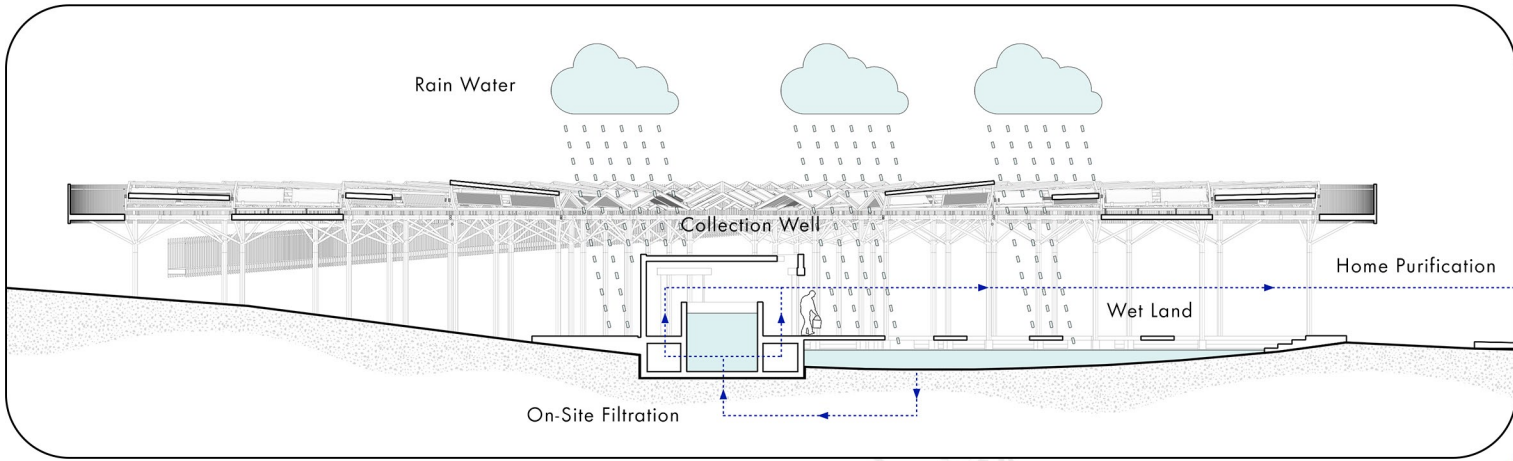
ENERGY SHARING GRID
Solar energy harvested on-site is distributed through a localized grid to neighboring villages, fostering resilient living and forming a closed-loop system that draws from natural resources.



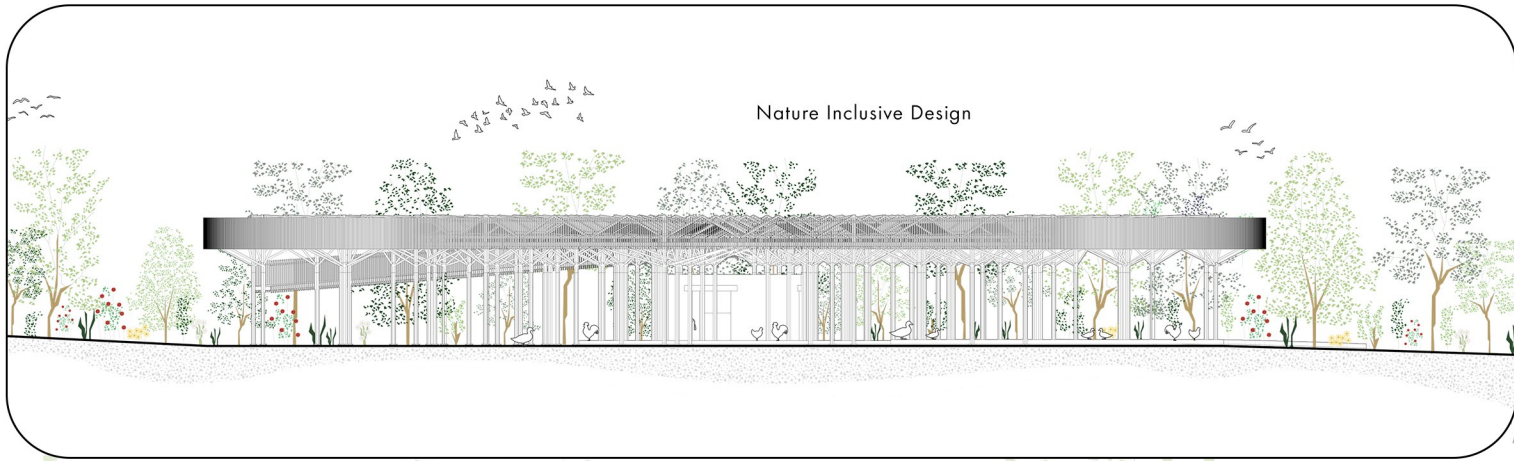
SPECTRUM CANOPY
The fusion of bifacial colored photovoltaic panels with a bamboo framework forms a dynamic roof canopy, where random voids at different nodes choreograph a constantly shifting interplay of sunlight and shadow.



MULTIPURPOSE GROUND
A circular timber zigzag deck weaves together seating pockets and wetland greenery, forming a multifunctional ground plane that flexibly supports community gatherings, from festivals, events, weddings to everyday celebrations.



RAINWATER HARVESTING SYSTEM
Collected rainwater is gathered into a wetland basin, filtered through a constructed wetland and slow sand filtration layers, then directed into a central well, where villagers can access and further purify it within their own homes for safe consumption.



WHERE NATURE RESTS
The canopy is envisioned not as a separate structure above nature, but with its inclusiveness and openness in design, it acts as an integrated extension of it—welcoming rural wildlife and fostering a living habitat where architecture and ecosystem coexist.



SECTIONAL PERSPECTIVE

Scale 1:75