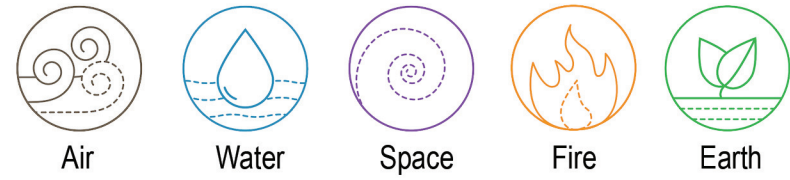




INTRODUCTION : Weaving Energy with Nature and Culture

The proposal is rooted in the deep interconnection between Fiji's natural heritage and its vibrant cultural traditions. Inspired by the indigenous respect for the five classical



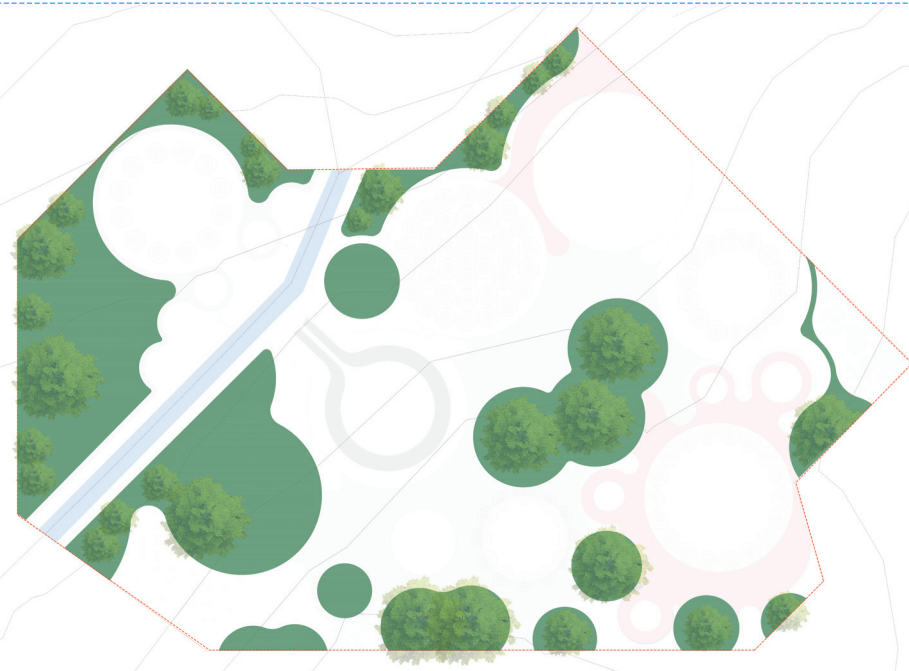
Air Water Space Fire Earth



The proposed structure featuring a tall, elegant shaft expanding into a broad canopy can be culturally connected to the people of Marou through symbolism rooted in nature as symbol of the Tree or representation of the Spirit Totem

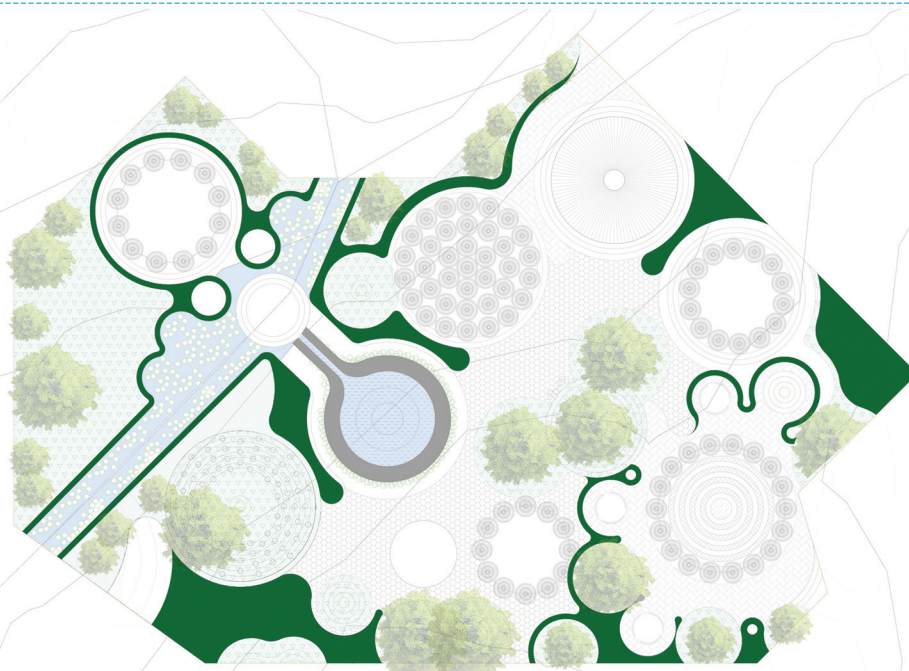
The smooth, aerodynamic form of the module minimizes wind resistance, making it more resilient to cyclonic conditions.

The varying heights are a response to solar angles, prevailing winds. Taller structures optimize solar exposure for energy harvesting, while staggered heights reduce wind load stress, promote natural ventilation, and enable multi-stage rainwater collection, maximizing ecological performance across a changing climate.



EXISTING VEGETATION IS UNDISTURBED/PRESERVED

At the heart of the concept is the Fijian philosophy of Land, which views land not just as a resource, but as a living being deeply connected to identity, ancestry, and community. In keeping with this, the site's existing vegetation is preserved to safeguard essential habitats for pollinators and native wildlife.

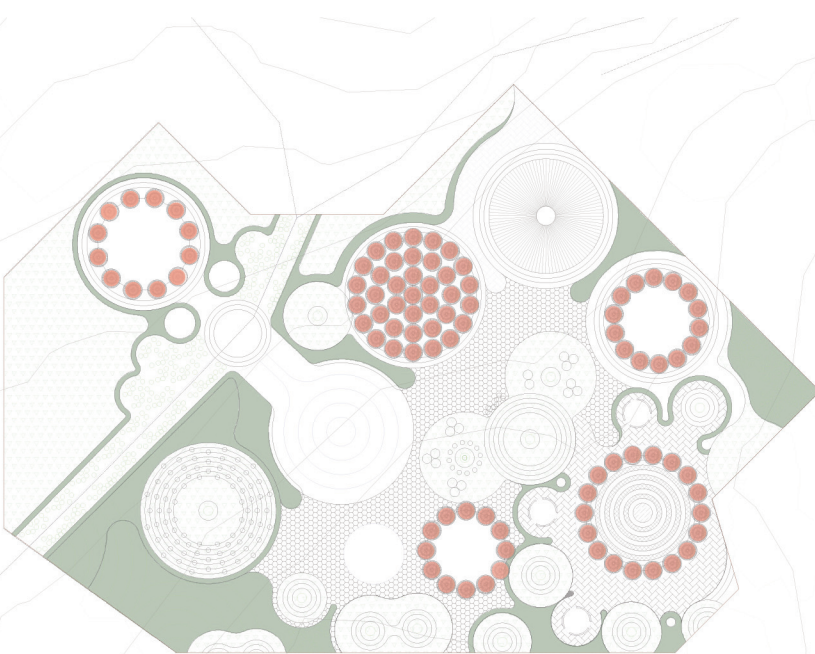


PROPOSED VEGETATION

The proposed landscape is thoughtfully enhanced with native plant species, strengthening biodiversity and promoting ecological resilience. The site's natural stream is integrated as a key design element, forming part of a rainwater harvesting system that supports irrigation and aids passive environmental cooling. This approach draws inspiration from traditional Fijian practices that emphasize harmony between water, land, and people.



Hibiscus tiliaceus
Red Ginger
Ixora coccine



PROPOSED SOLAR MODULES

Above the landscape, sculptural solar towers rise, designed to evoke the forms of native trees and coral structures. Varying in height and density, these towers symbolize the layered ecosystems of Fiji's forests and reefs, transforming solar energy collection into a visually expressive and culturally grounded experience.



EROSION RESISTANT & ECOLOGICAL PATHWAY

A compacted, stabilized earth surface made from locally sourced soil, strengthened with natural binders such as lime, volcanic ash if available, or bamboo Fibre. The pathway integrates hand-laid locally sourced boulders, creating a durable, erosion-resistant surface that honors Fijian culture and meaningful opportunities for local labors.

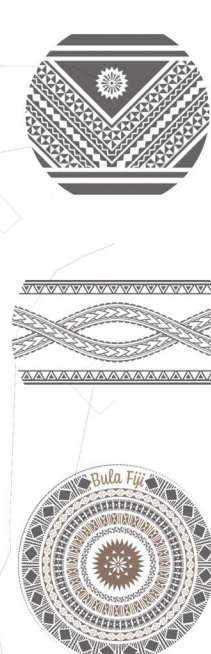


Local Soil
Bamboo Fibre
Binding of soil & BF



PROPOSED FIJIAN PATTERN INTEGRATED PATHWAY

Geometric masi motifs (zigzag, diamond, triangle), Ocean waves and sun rays, Turtle shell patterns (vonu), Palm fronds or mangrove roots, Traditional tattoo motifs (lines, combs, spears) etc. with the help of local artisan can be inscribed on this proposed area & inlaid with the help of broken coral rocks / coastal pebbles etc depends on the availability of the resources.



Ocean waves and sun rays
Turtle shell patterns (vonu)
Traditional tattoo motifs (lines, combs, spears)

STRENGTH



Unique & symbolic circular design



Modules are easy to replicate & construct



Aerodynamic & climate resilient module



Multifunctional zones serve tourism, community use



Supporting bio-diversity & existing vegetation preservation



Water harvesting



Cultural identity & educational Value



Inclusive and accessible for all ages

THREAT



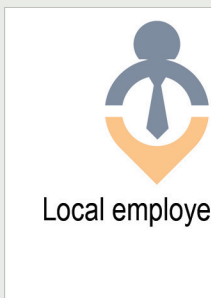
Climate events could impact open spaces and water elements



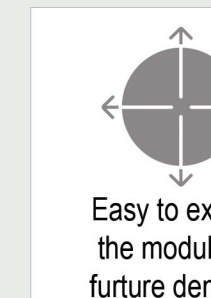
Over-commercialization could dilute cultural authenticity



Landmark for eco-cultural tourism in Fiji



Local employment



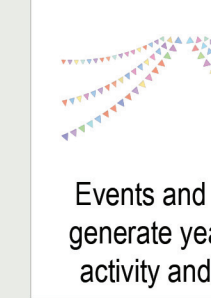
Easy to expand the module for future demands



Educational programs attract partnerships with schools and NGOs



Improved soil health by preserving existing flora



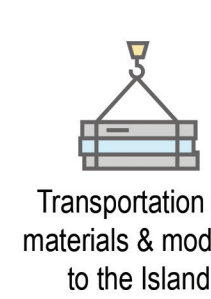
Events and festivals generate year-round activity and income



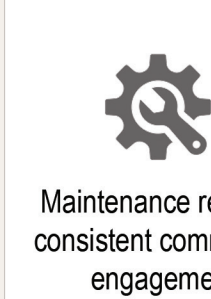
Platform for knowledge sharing and cultural revitalization

OPPORTUNITY

WEAKNESS



Transportation of materials & module to the Island



Maintenance require consistent community engagement



Initial Cost