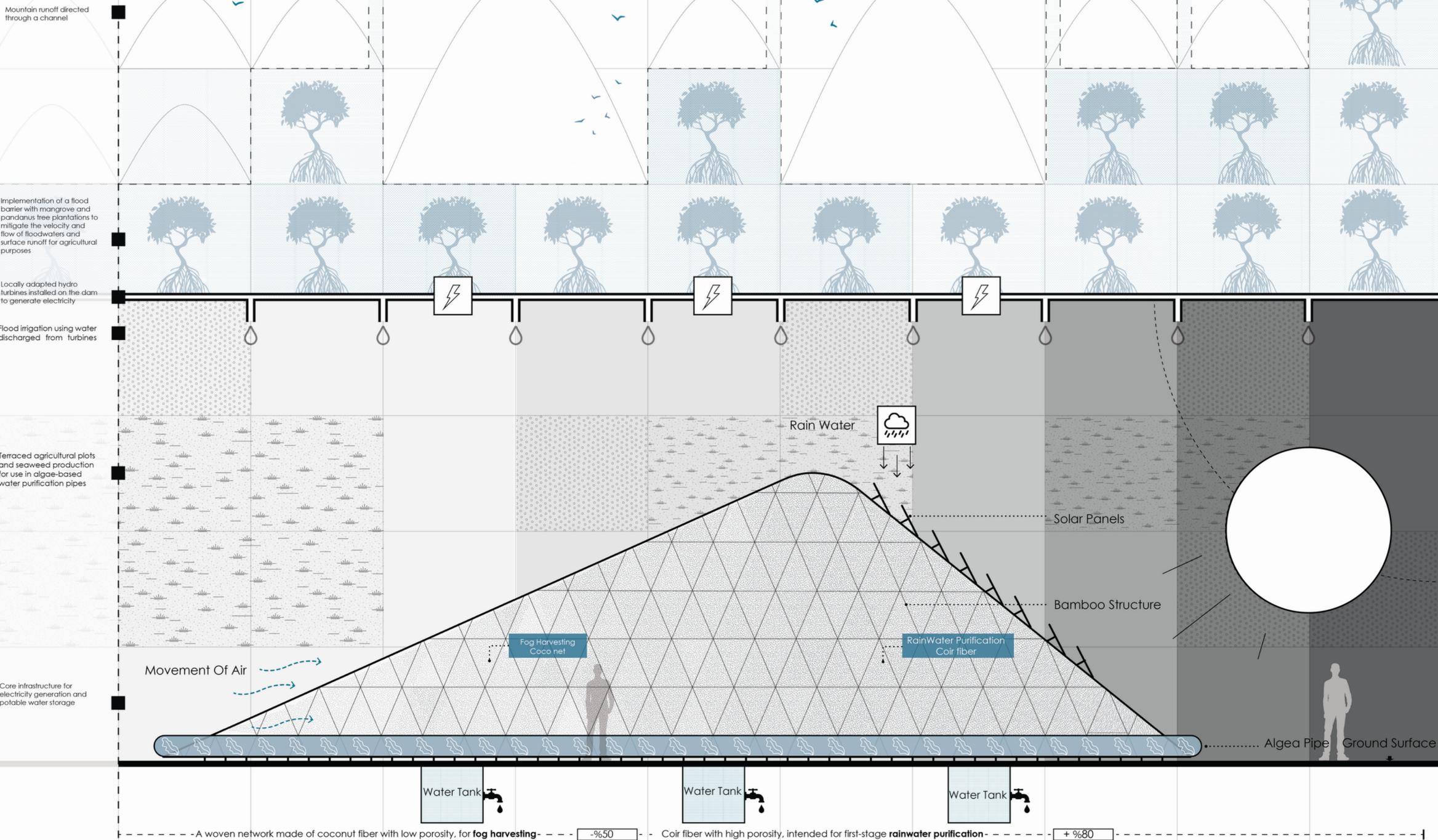
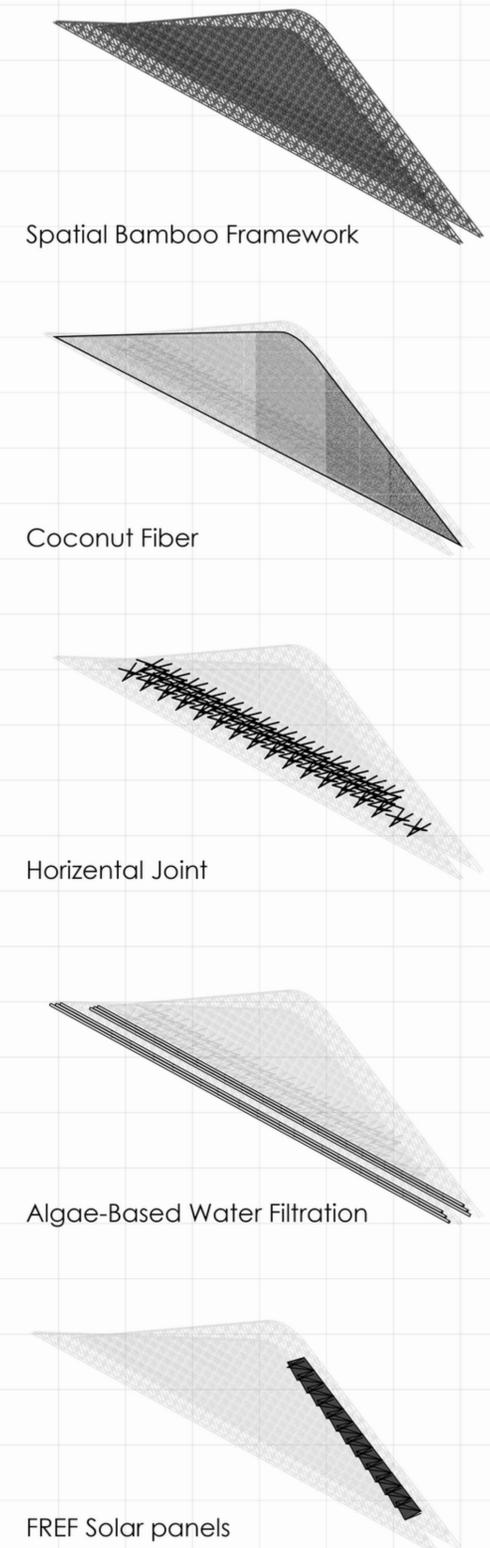


Energy Cycle



Frame Details



Traditional Fijian roofs use intricate lashings made from coconut fiber ropes to bind bamboo or wooden elements. These joinery techniques require no nails or metal, relying entirely on tension, precision, and centuries-old craftsmanship.

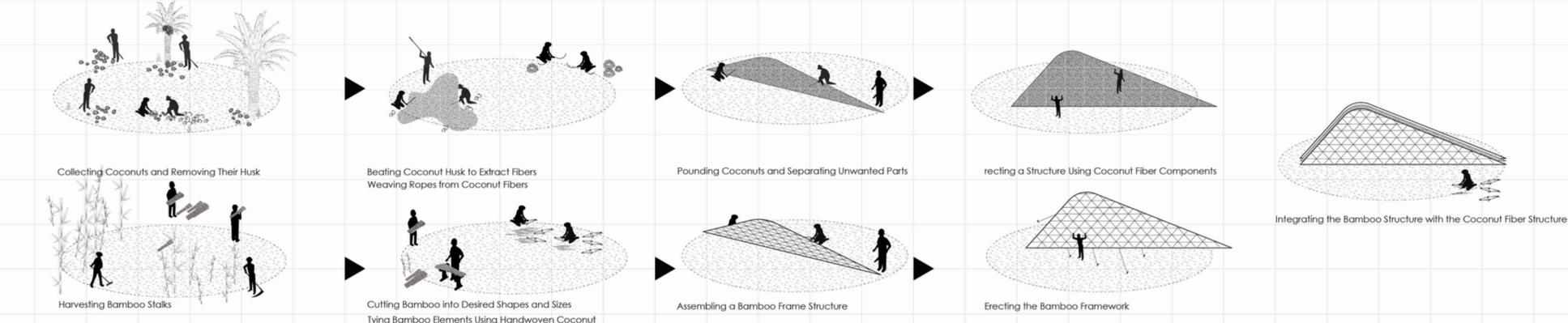
Traditional Fijian architecture used bamboo extensively, especially in sacred buildings like bure kalou (spirit houses). These structures had tall, thatched roofs supported by bamboo frames, designed for both spiritual symbolism and natural ventilation in the tropical climate.

Fijian handwoven crafts, such as mats and baskets made from pandanus leaves and coconut fibers, are central to their cultural heritage. These items reflect deep artisanal skills passed down through generations, blending function with symbolic and communal meaning.

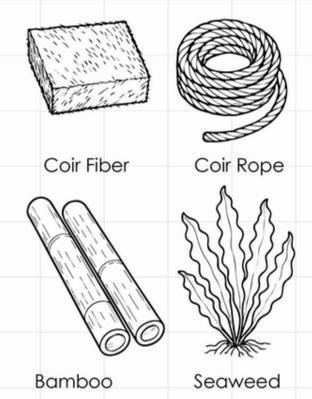
Bamboo has long been used in Fijian construction due to its availability, flexibility, and strength. It served as a key material for walls, floors, and roofing structures in traditional homes, especially in rural and coastal areas.

Fiji's rich ecosystem, with its coastal mangroves and pandanus trees, offers both inspiration and practical benefits. Mangroves stabilize shorelines and support biodiversity, while pandanus leaves are traditionally used for weaving and roofing, reflecting the harmony between nature and human use.

Local Construction Steps



Materials



Structure Detail

