Woven Collective

TThe project materializes the natural watershed northwest of the Village of Marou by inscribing fifty 12-meter-diameter cylindrical wells into the earth. These wells are filled with crushed stone to slow excessive water runoff through temporary storage and to promote direct groundwater recharge. The watershed is further articulated by a network of local gullies The woven layer is elevated slightly over two meters above the ground to that guide water toward the stone-filled cylinders. This system culminates allow for human entry and cross-ventilation, creating shaded spaces that in a singular, 40-meter-diameter well at the base of the hill, also filled with remain open and breathable. Each pyramid also supports six photovoltaic crushed stone, which naturally filters water into a series of subterranean cistern vaults. The stone is intended to be sourced from nearby quarries, total energy demands. such as Saru in Lautoka, and the collected water is available for domestic use or can be gradually released into the ground when not needed.

At the surface, the top of each well-defined as a circle flush with the surrounding grade—provides the framework for a field of 8-meter-tall pyramidal forms that visually register the movement of water along the watershed. Each four-sided pyramid begins as a regular square footprint inscribed within its corresponding circle. The forms are then uniquely distorted according to two environmental criteria: solar orientation and prevailing wind direction. Because each pyramid occupies a distinct location on the site, every form is uniquely adjusted—producing a family of geometries that are formally related yet individually distinct. Each is truncated at the top to allow daylight to enter the interior while still offering protective shade.

The pyramids are constructed from locally sourced rosawa dimensional lumber harvested in accordance with Fiji's Forest Harvesting Code of Practice, which outlines sustainable logging methods. Their exteriors are wrapped in hand-woven coconut palm crafted by the local community. (PV) modules, contributing to a collective array that meets the project's

The resulting character of these truncated pyramids is one of collective identity—each structure individually unique, yet part of a coherent whole. Their orientation into the wind echoes the posture of local seabirds such as shearwaters and albatrosses, which lean into prevailing winds to maintain control in flight and avoid being blown inland. Like these birds, the pyramids register the site's natural forces through calibrated form.

Together, these elements define a recognizable place—what might be understood as a "woven collective"—a gathering of objects made from familiar materials and textures that invite communal use. Set within a clearing shaped for gardening, farming, and rest, the site becomes both a space of ecological repair and human connection, where water is absorbed into the land and shade provides relief beneath a canopy of woven craft.



