



DWELL

A Coral-Inspired Energy Landmark for Fiji

DWELL is a coral-inspired landmark that embodies climate resilience and community strength. Integrating renewable energy and water harvesting within an elegant sculptural form, it invites both function and reflection. With solar power, rainwater collection, and nighttime illumination, DWELL offers infrastructure as art – a symbol of sustainable harmony with nature.

DWELL is a site-specific landmark artwork that reimagines resilience, community, and home in the face of a changing climate. Shaped like three monumental coral inspired structures, the installation occupies a 10 meter by 10 meter footprint and rises up to 9 meters high. The organic forms celebrate the living reefs that have long sheltered and sustained life in the Yasawa Islands, while offering a vision for how communities can dwell in harmony with nature's rhythms.

Each coral form is designed to integrate beauty and function. Embedded with solar photovoltaic modules along the upper surfaces, the structures capture sunlight gracefully while preserving their sculptural essence. Together, the system generates over 75 kW of clean electricity, a reliable source of energy to support Marou Village's daily life such as lighting, refrigeration, communications, water pumping, and beyond.

Simultaneously, the undulating surfaces channel rainwater into concealed storage tanks at the base of the structures. This integrated water harvesting system strengthens the community's access to freshwater throughout the dry season.

As night falls, DWELL softly comes alive with energy efficient LED illumination powered by the day's solar energy. Gentle waves of light pulse across the coral surfaces, transforming the installation into a vibrant nocturnal gathering space, a beacon of connection, memory, and aspiration.

Designed with modular construction in mind, each coral form can be transported in segments and assembled on site, ensuring practicality within the logistical challenges of Naviti Island. Materials are carefully selected for durability against salt air, high winds, and cyclonic conditions, ensuring long term resilience.

DWELL invites the people of Marou and visitors alike to inhabit a space where art, infrastructure, and culture converge, where dwelling is not just surviving but thriving in harmony with the land, the sea, and one another.

