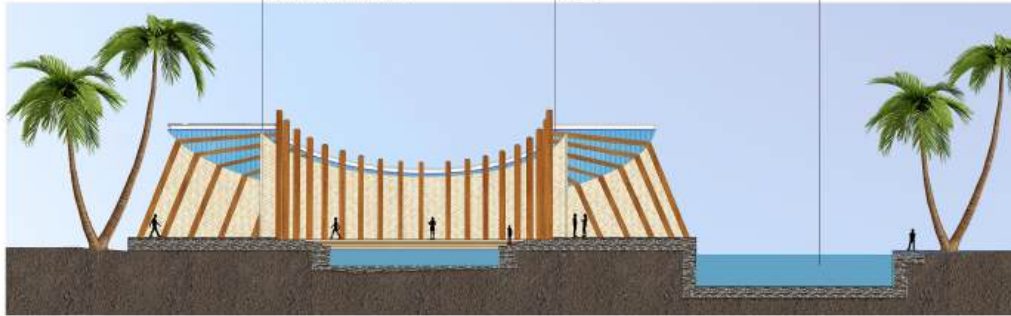


Solar Panels on roof:
75kW photovoltaic mini grid capacity solar panel unit will be required to fulfill the needs of the Marou village. The entire roof of the Bure Ring will be covered with around 250 Solar panels.

Corrugated Sheet
These are modern elements which are used as roofing material instead of traditional thatch roof. The corrugated sheets rests on wooden beams

POND
A moon shaped pond has been made at the exterior of the Bure Ring for aquaculture.



Site Context - Placement of Bure Ring on Energy Design Site



16 DEGREE TILTED ROOF
As per energy requirement, 75kW photovoltaic Solar unit need to be installed over the Bure Ring. So, the roof of the two blocks tilted 16 degrees as per Solar System guidelines for pacific region.

Mesh
The mesh fixed over Solar panels act as shield to protect solar panels during cyclone from flying coconuts. The mesh placement will reduce the efficiency of Solar panels by 5% only which is negligible.



SERVICE BLOCK
The structure will accommodate an enclosure for Cold storage units used for caught fish, placement of water pumps to fetch water from wells to houses and farms, ice making, digital banking, tele-communication, water treatment, water heating, equipment's for local businesses, healthcare facilities- medicine storage.

RECREATIONAL BLOCK
The structure will accommodate 67 households during cyclone or adverse climate situation.



BURE RING WITH MOON POND IN FOREGROUND



CENTRAL COURTYARD - BURE RING

