Year: 2023
Location: United States
Program: House, Temporary Housing

Maui Paper Log House



Disaster Relief Project for 2023 Hawaii-Maui Wildfires

Dec.4th-Dec.7th 2023

Collaborators:
Hawaii Off-Grid
University of Hawai'i Maui College
School of Architecture University of Hawai'i at Mānoa
Shibaura Institute of Technology
Lahaina Jodo Mission
Paia Rinzai Zen Mission

As a response to the 2023 Hawaii Maui Wildfires, Voluntary Architects' Network (VAN) + Shigeru Ban Architects with the collaboration of University of Hawai'i, Maui College and School of Architecture at Mānoa, built a prototype for temporary housing in Maui.
The housing foundation is composed of beer crates filled with sand bags, and wooden panels are used to build the walls between the paper tube columns. This enables construction to be carried out in a short period of time. The roof is made of paper tube frames and plywood decking, and large holes are cut out on the plywood to ensure safety during construction, allowing people to work from the hole instead of climbing on top of the roof.