

CRATE

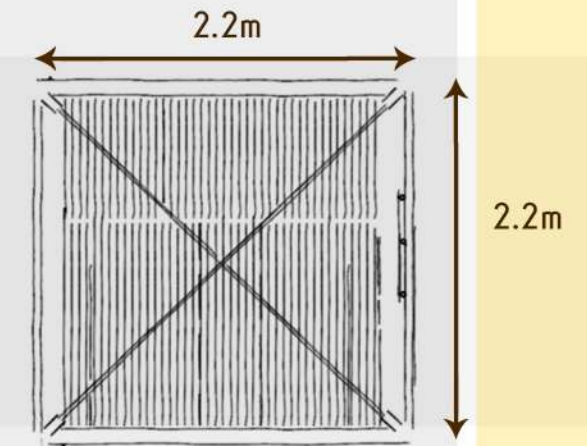
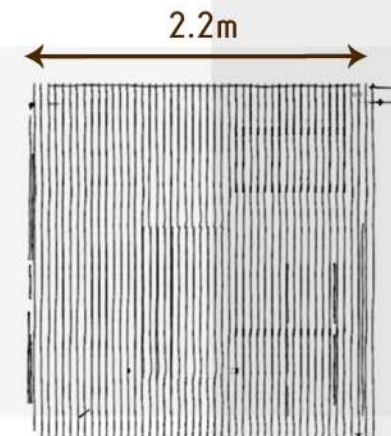
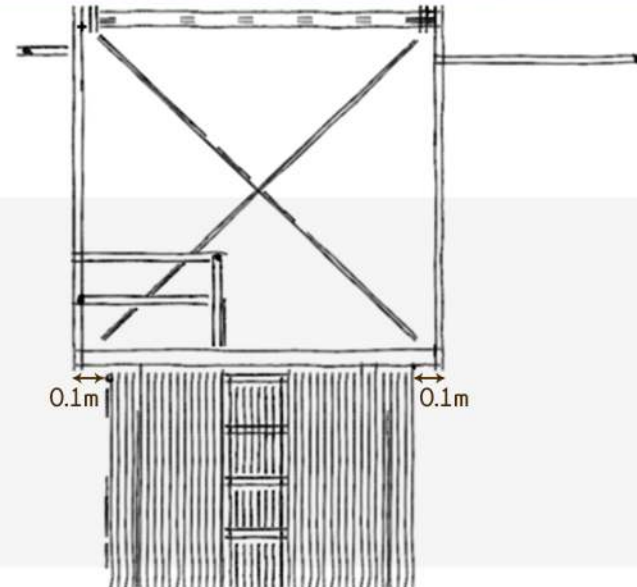
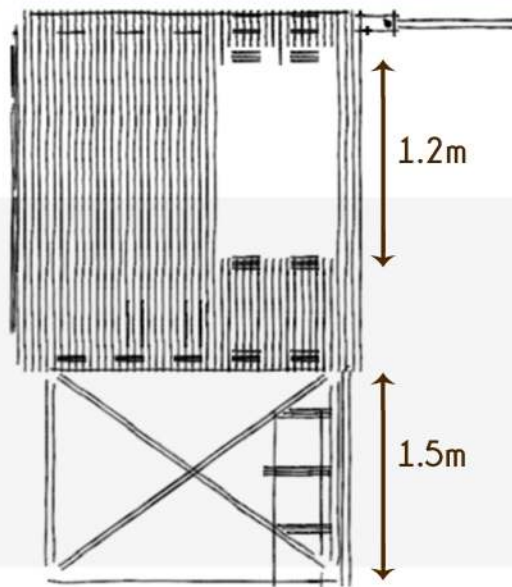
MICRO ARCHITECTURE



Materiality

Main body: Locally sourced Recycled timber
 Framing and mechanics: stainless steel
 Bracing: Stainless steel cord

CRATE provides for use as a seasonal life saving tower, which also serves as a safe storage space when not in use. The design revolves primarily around its capacity to be compactible and efficient where all the functions required for the job are facilitated by the structure itself.



6 am

Structure at 6am showing the process of being opened. A manual crank and gear system can be used to open and close the tower at will.



7 am

The roof is essentially a series of louvers which control the filtration of sun light into the interior space.

Ladder can retract in and out so the top can close with ease,



12 pm

A seating and desk system also folds down when needed.

In full use, the structure extends out to cater for full sun protection. The 'ribs' fold out to maximise the line of sight to the beach and its occupants as well as serving as a shading system.



4 pm

The ribs can be manipulated to control the amount of sunlight that enters the interior spaces



8 pm

At the end of the day, the top section can be dropped down onto the base. The structure now acts as a completely enclosed storage space to keep equipment on site.

