

Manual DELTA BIOCONSTRUCTION



REFUGIO 31

Documental
"COMO EL HORNERO, PERO NO TANTO"
Lic. Marcelo Diderot



SEE DOCUMENTARY

CHALLENGES

- Heal, learn and grow.
- Articulate artisans of the delta.
- Build space for introspection.

IMPLANTATION

Lat: -34.3613 Lon: -58.506 Alt: 14m
Canal del Este, first section,
Paraná Delta Argentina.

SEE LOCATION



Process

- Observation
- Listening ability
- Spirit of silence
- Flow
- Collective consciousness
- Transformation

Values

- Austerity
- Respect
- Simplicity
- Nature
- Consensus
- Diversity

User

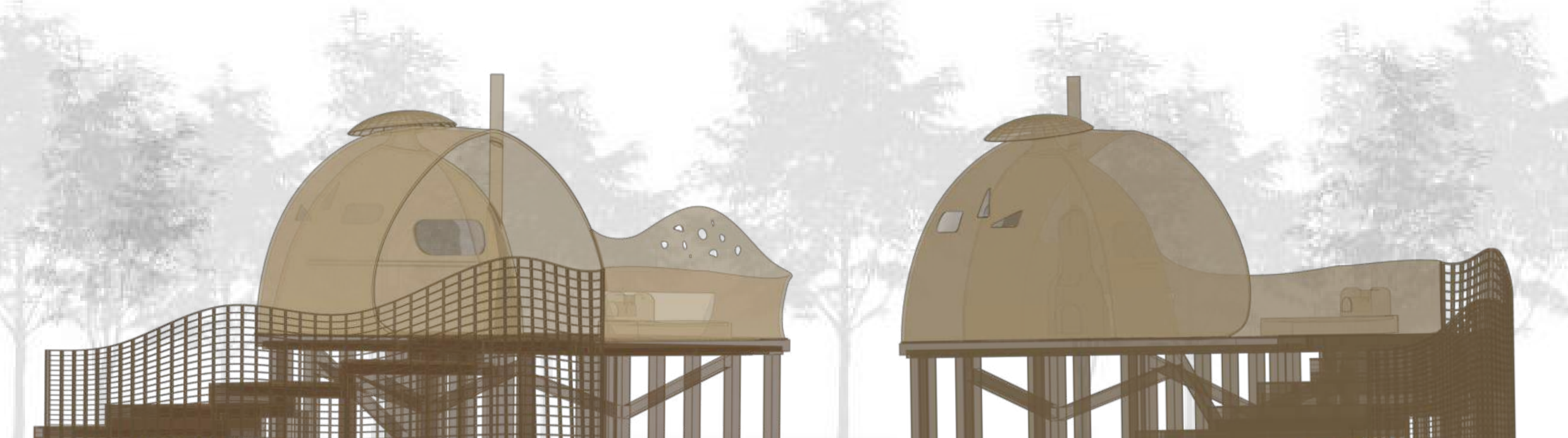
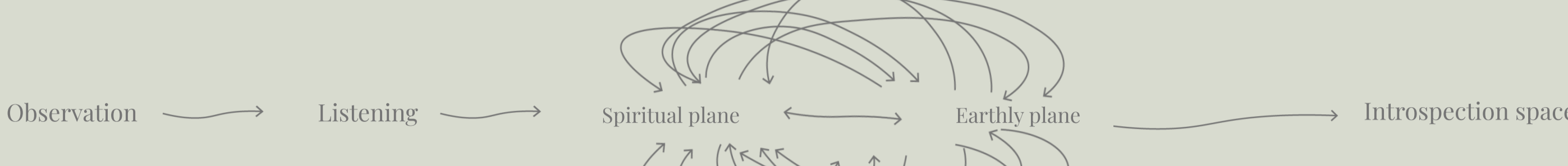
- Visitor who wants to recharge their own essence, in a space built with materials from the delta.



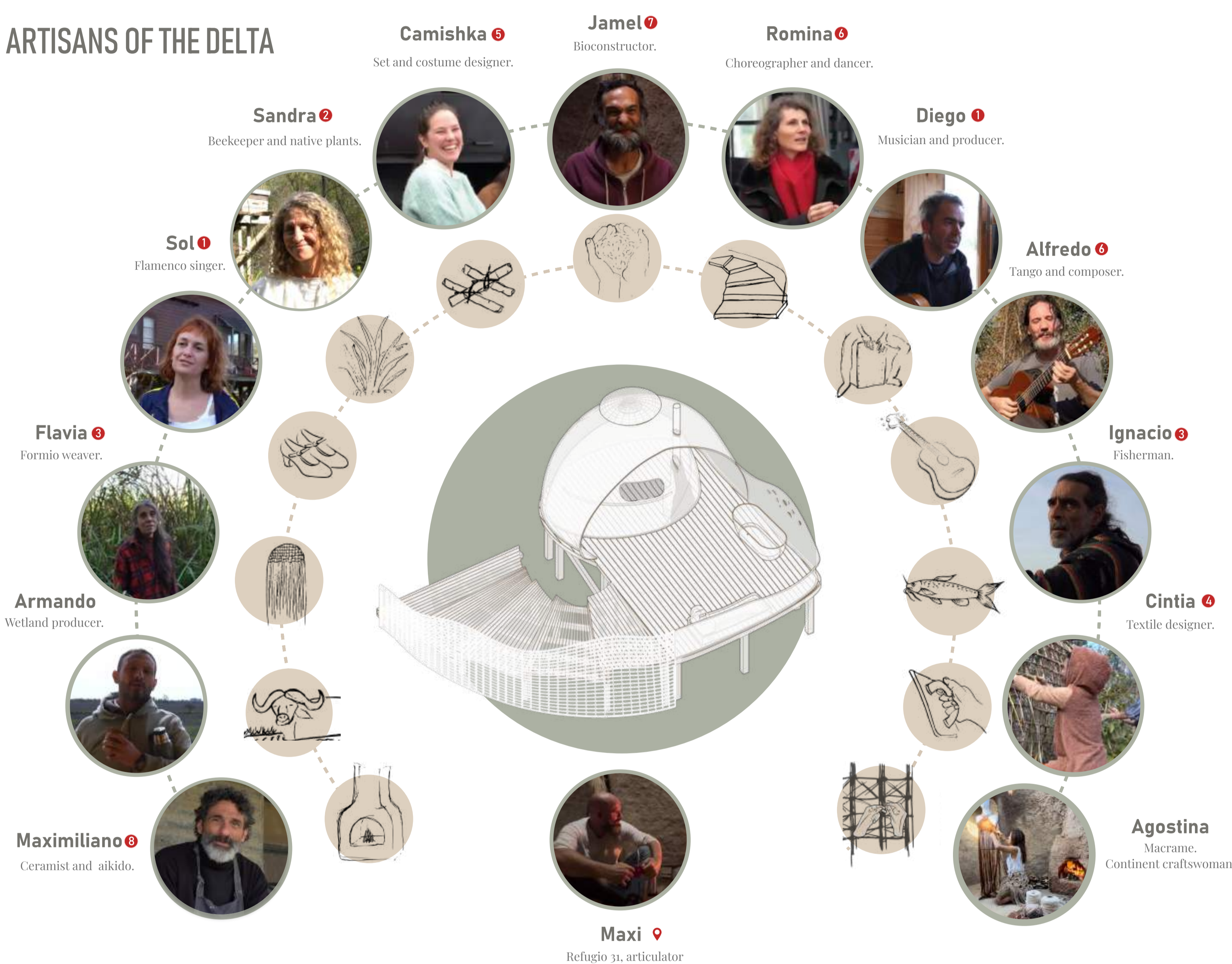
Foreword

Dr. (PH.D.)
Alberto Hugo Dupén

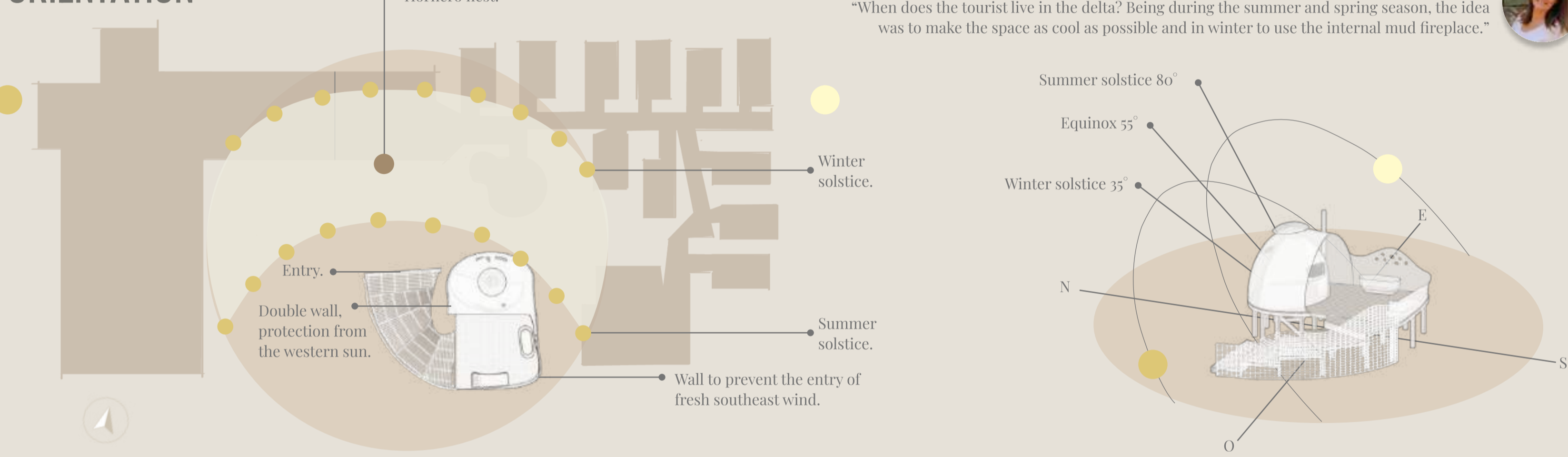
"I am amazed to have met mental beings who find mental rest on the island. That they chose to get away from the noise, without it being an emotional or angry escape. They are alone in harmony with the environment, which differs from feeling alone or not heard. There is a common denominator: each one charges their own battery in solitude and at the same time we recharge each other. A spirit of silence with a level of listening, contemplative and this is rare to find."



ARTISANS OF THE DELTA



ORIENTATION



DELTA MATERIALS Sustainable construction

Mud
Especially sustainable and easily accessible material, since we have it under our feet. It allows natural ventilation of the walls and allows good insulation from humidity and sound. Thermal inertia, providing coolness in summer and warmth in winter.

Formio
It grows near swampy areas and coastal areas. Its long leaves, up to 3 m long and 10 to 12 cm wide, are hard and shaped like long swords. Long, strong fibers are obtained from its leaves that are washed, bleached and processed to obtain threads for different uses, baskets, fabrics, bandages, etc. It has a lot of resistance and flexibility.

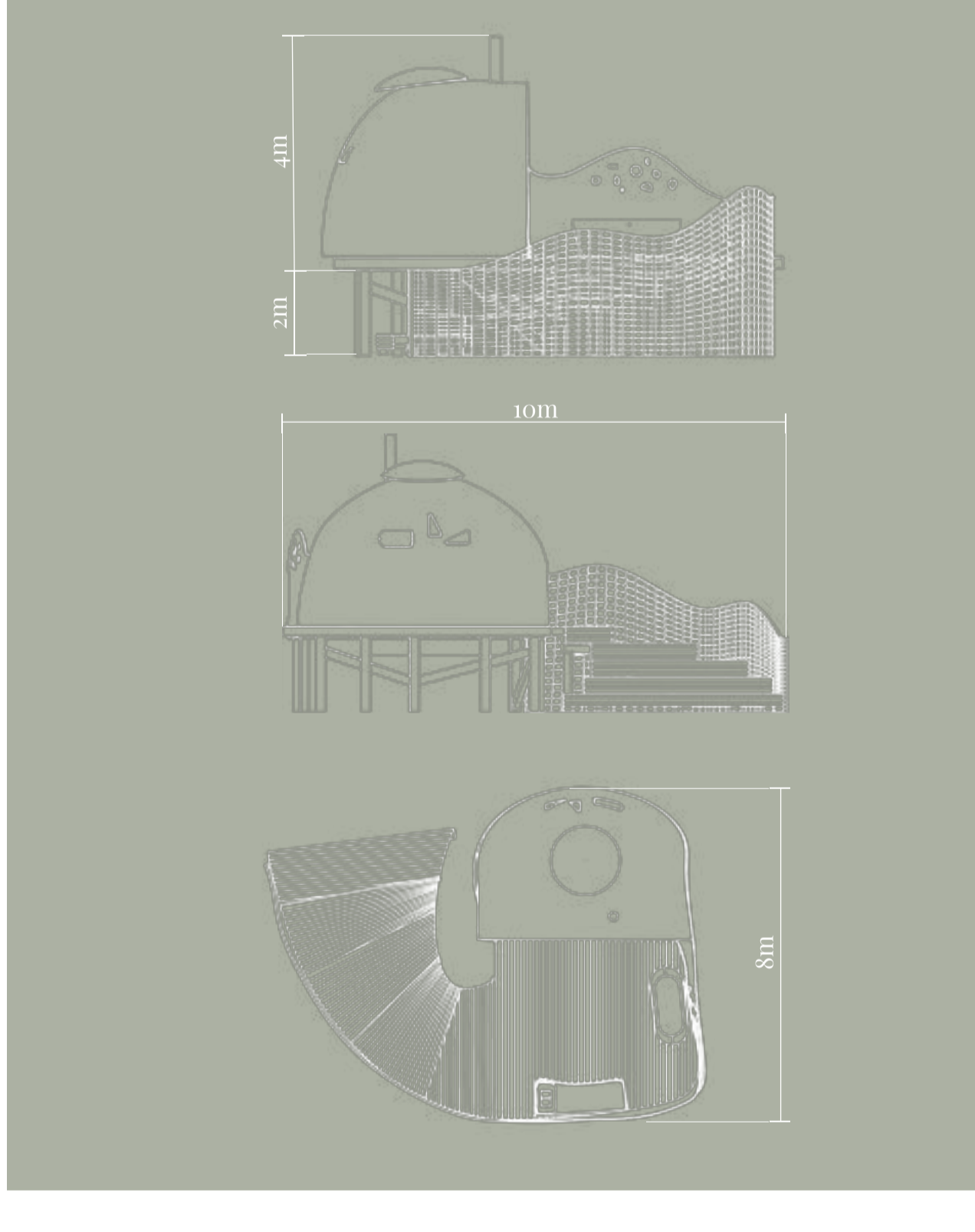
Wicker
Wicker is a very light material that is very flexible when in contact with water, being an easy material to work with and giving the possibility of generating different shapes.

Willow and simon sticks
The willow stick together with the simona allows us to give a wide structure and roundness due to its flexibility.

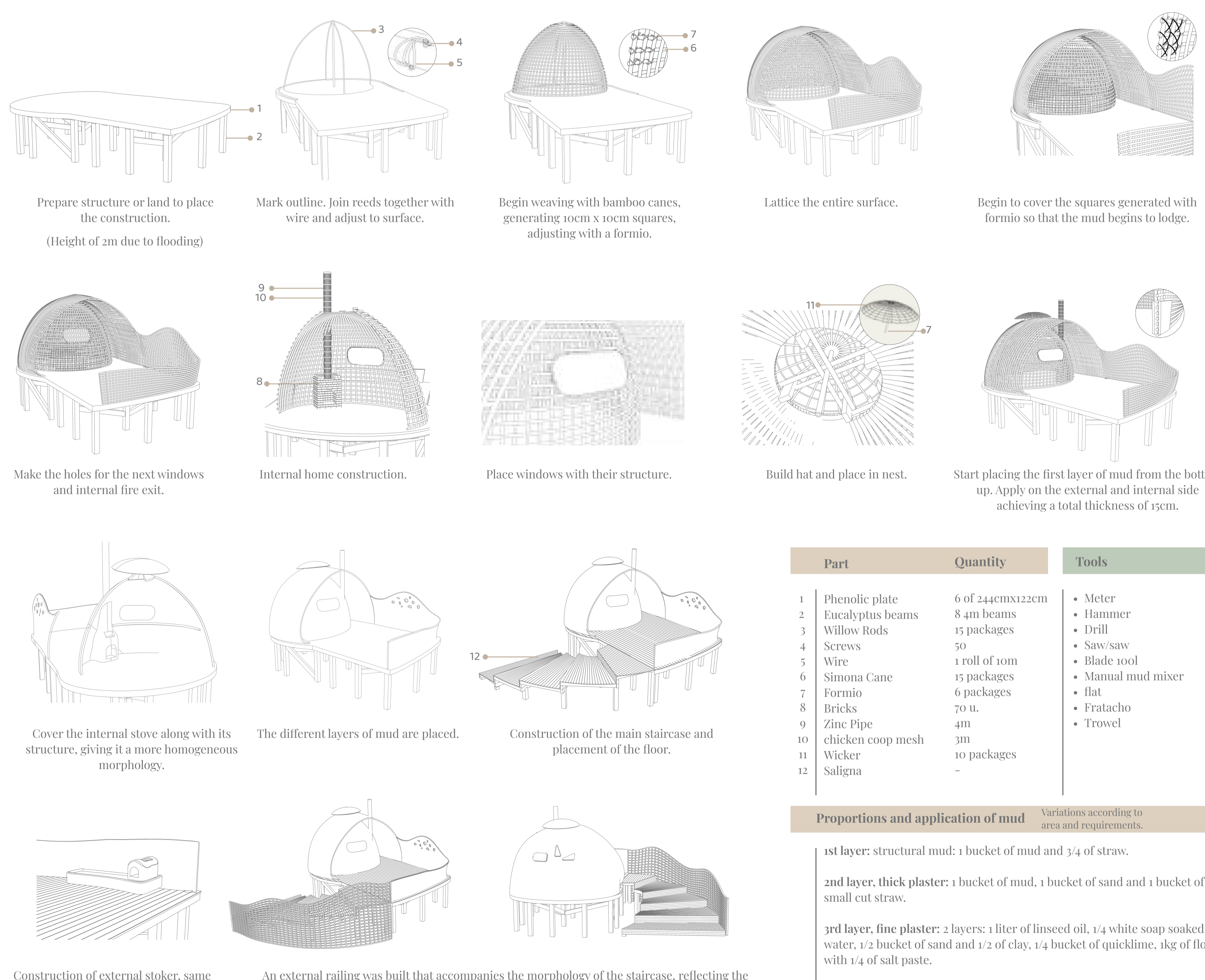
Red eucalyptus
We use this variety of wood for the base as it is a very strong option.



DIMENSIONS



INSTALLATION SEQUENCE



STUDY MODEL 3D PRINTER



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DEDICATION
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CREDITS
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Maximiliano Lopez, co-creator Refugio 31



INDUSTRIAL DESIGN
See testimony

Delfina Lopez Fumarola

• Interpretation and recording
 • Blueprints
 • Modeling and rendering
 • Layout with 3D printing.
 • Project infographic.

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