

PROJECT

CASA FORMENTERA

LOCATION

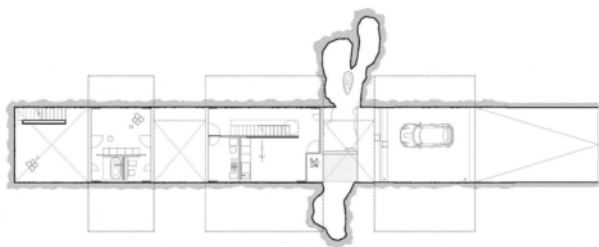
Formentera
Island,
SpainSTRUCTURE
AND FUNCTION

THE PROJECT FOCUSES ON THE DUALITY BETWEEN THE TELLURIC AND THE TECTONIC. THE HEAVY AND THE LIGHT. THE EARTH AND THE AIR. THE HANDCRAFTED AND THE TECHNOLOGICAL. COMPRESSION AND INTRACTIBILITY.

The intervention offers a house for a family that is sensitive to the environment, a house that's programme is divided into three light modules built in dry construction systems and a cavity made by the subtraction of material on the lower floor. This longitudinal disposition gives place to full-empty successions, patios, connecting walkways, transverse views and a place created by time and discovered by surprise: a natural cave in the main entrance courtyard, which was integrated into the project during the construction process.

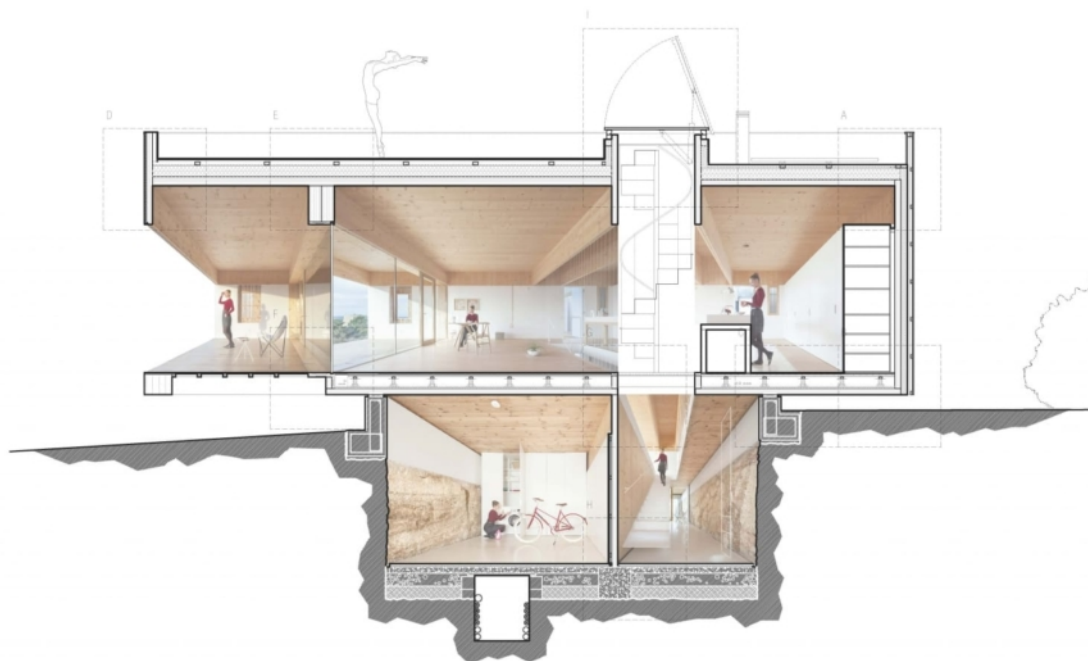
The superior quality of the materials and their unions played an important role in the process of the creation and realisation of the project. Bioconstruction criteria gave preference to natural materials, and where possible, local materials: sculpted rock, crushed gravel from the excavation, capri limestone, pine and fir wood, recycled cotton panels, white macael marble, high permeability silicate painture, and more. All this is reverted to hygroscopic enclosures which are permeable to water vapour and guarantee a pleasant and healthy indoor environment, while at the same time requiring less energy for the proper functioning of the building.





Plan 1/100 - 1/200





ARCHITECTURE

Marià Castelló Martínez
www.m-ar.net

STRUCTURE

Miguel Rodríguez Nevado
 Ferran Juan

BUILDING ENGINEER

Agustí Yern Ribas

PHOTOGRAPHY

Marià Castelló Martínez

CONSTRUCTOR

Motas Proyectos e Interiorismo S.L.
 Foreva S.L.

LOCATION

Formentera Island, Spain