

134 POLIMI



I was born within a topography where natural elements such as granite and fertile land were combined with precise concrete elements.

029 MCÔA



Côa Museum is an Art and Archaeology Museum; built in the valleys of upper Douro, in the northeast region of Portugal. This landscape is both a natural resource and a Palaeolithic open-air art field protected as World Patrimony by UNESCO.

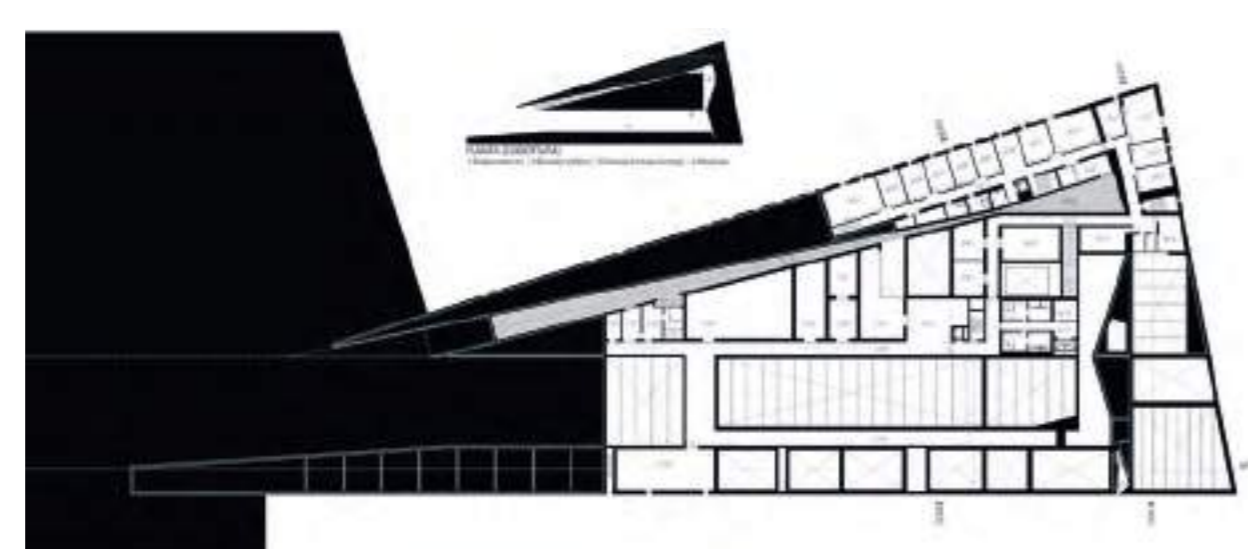
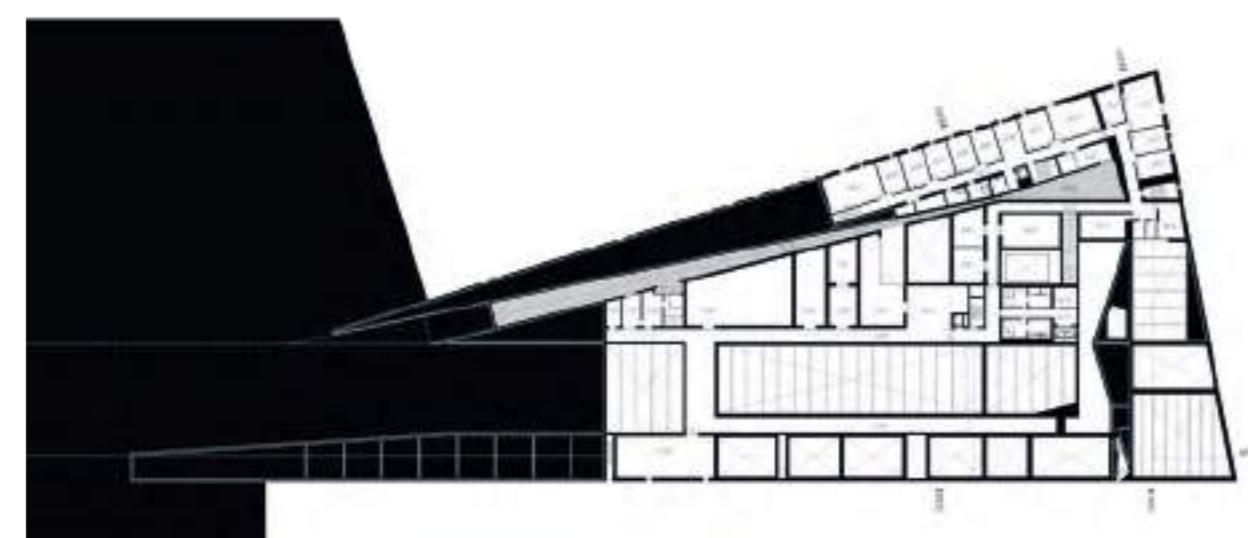
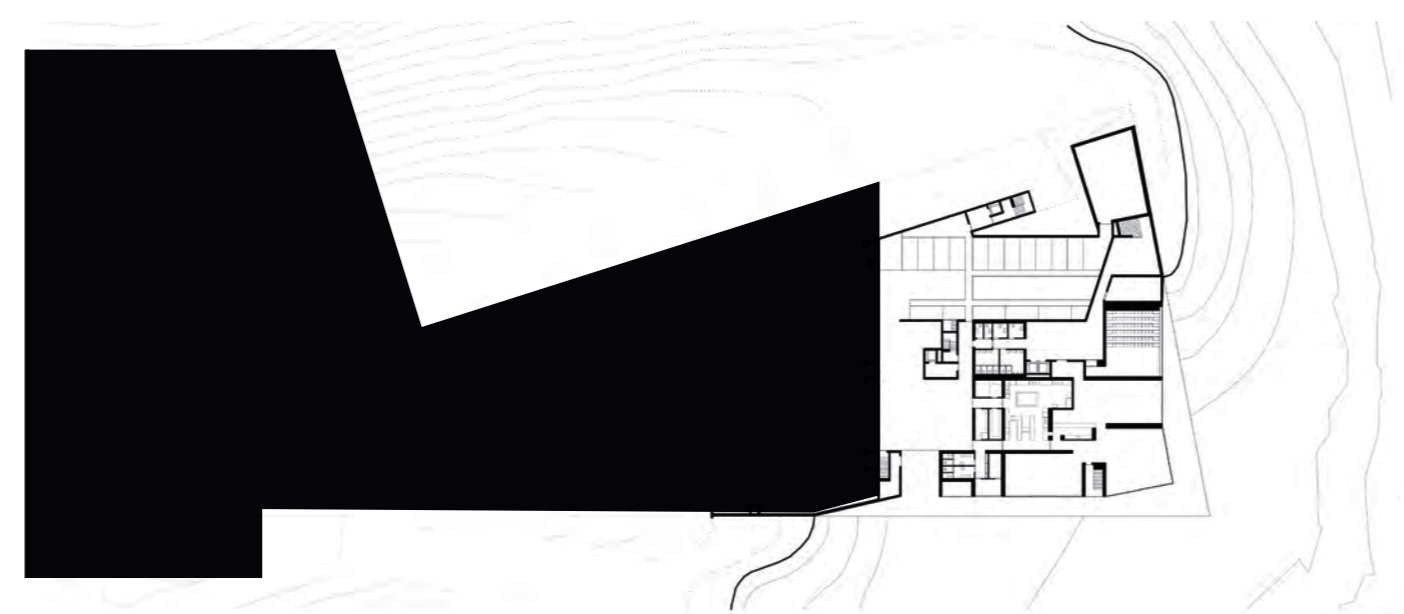
Côa Museum aims to be mountain, stone, a building in stone and concrete, a building on the mountain, built into and within the mountain. This multiple condition allows it to exist and disappear in this diverse and classified landscape.

Since the competition phase, our research was orientated to materiality, the local stone quarries, the stone engravings, and archaeological researches. Simultaneously we wanted to integrate the big landscape concrete statements, such as bridges and dams.

The materiality of this 170-meter long structure with 6400 m² terrace, conceived like a megalith in the mountain, is done in concrete with colour and texture extracted from the surfaces of the local stone quarries accordingly to engineers and archaeologists technics.

A long ramp takes us, slowly and dramatically, from the intense outside landscape to the dark interior world of the stone content, which unveils to the visitor the engravings mysteries. The Côa Museum is a vast plan, dense and timeless, in between earth and sky.

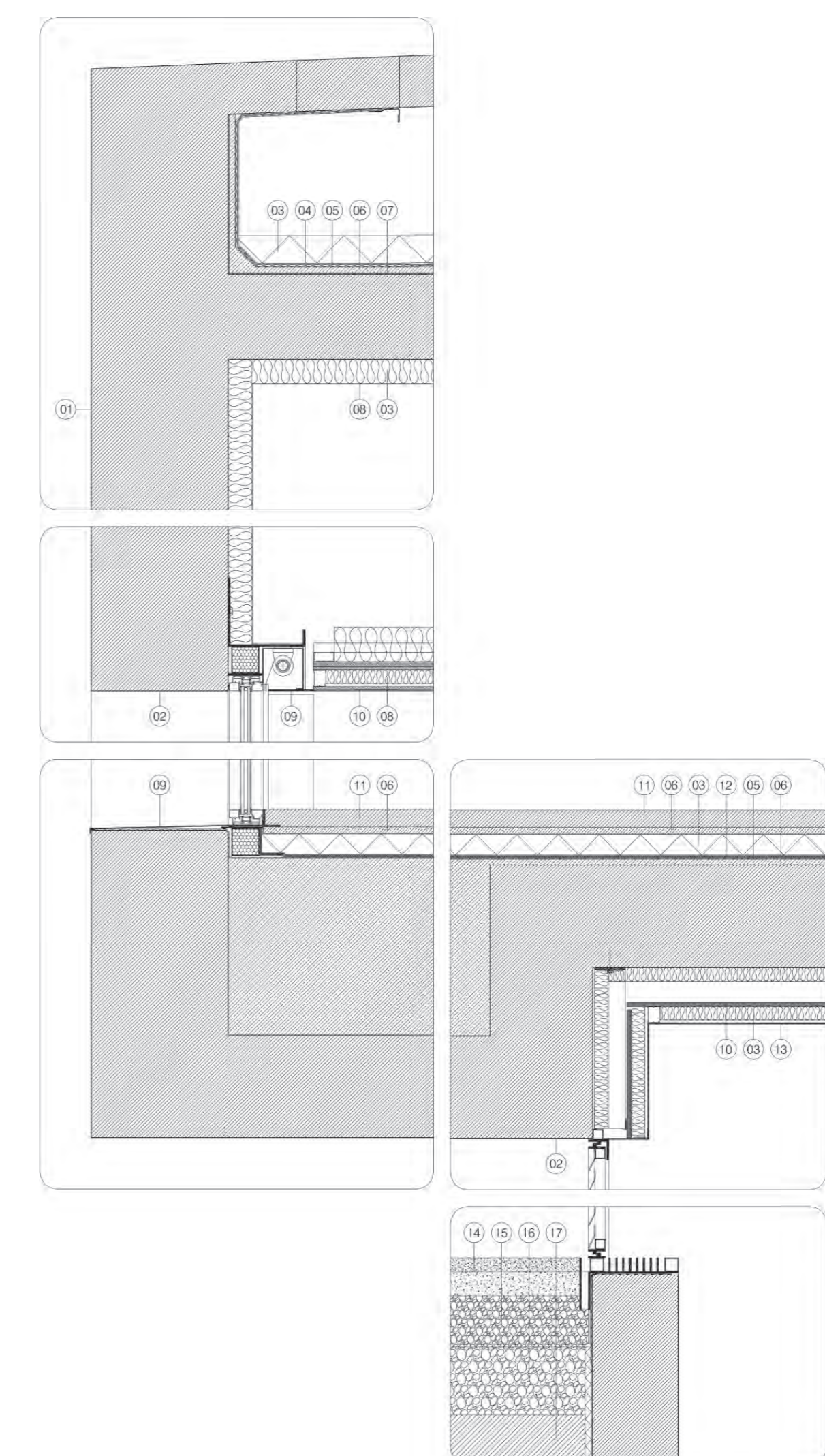




MAAVC – Museum of Art and Archaeology of the Cõa Valley
 Client: Ministério da Cultura/ IGESPAR
 Consortium: Camilo Rebelo, Tiago Pimentel e G.O.P.Lda.
 Architecture: Camilo Rebelo with Tiago Pimentel/ Sandra Barbosa
 Coordination: Tiago Pimentel
 Collaborators: Bruno Guimarães, Cláudio Reis, Marcelo Correia e Cristina Chicau
 Engineering: G.O.P. Gabinete de Organização e Projectos Lda.
 Structural Engineers: G.O.P. Lda. Jorge Nunes da Silva
 Hydraulic Engineers: G.O.P. Lda. Raquel Fernandes
 Electric Engineers, Security, IT Network: G.O.P. Lda. Alexandre Martins (G.P.I.C)
 Mechanical Engineers: G.O.P. Lda. Raul Bessa (G.E.T.)
 Acoustic Engineers: G.O.P. Lda. Maria Rosa Sá Ribeiro
 Landscape: Maria João Amal Trigo and Manuel Melo
 General Contractor: Monte Adriano Lda.

Project Facts
 Project name: Museu de Arte e Arqueologia do Vale do Cõa or Museu do Cõa
 Design years: 03.2004 - 07.2009 | Construction years: 01.2007 - 07.2010
 Total floor area: 8.121,31 m² | Site area: 88294,8 m²
 Location: Via Nova de Foz Cõa, Portugal

Program: Public Museum
 Structural system: Concrete
 Major Materials: Concrete
 © Camilo Rebelo Architect
 © Pedro Tiago Pimentel Architect



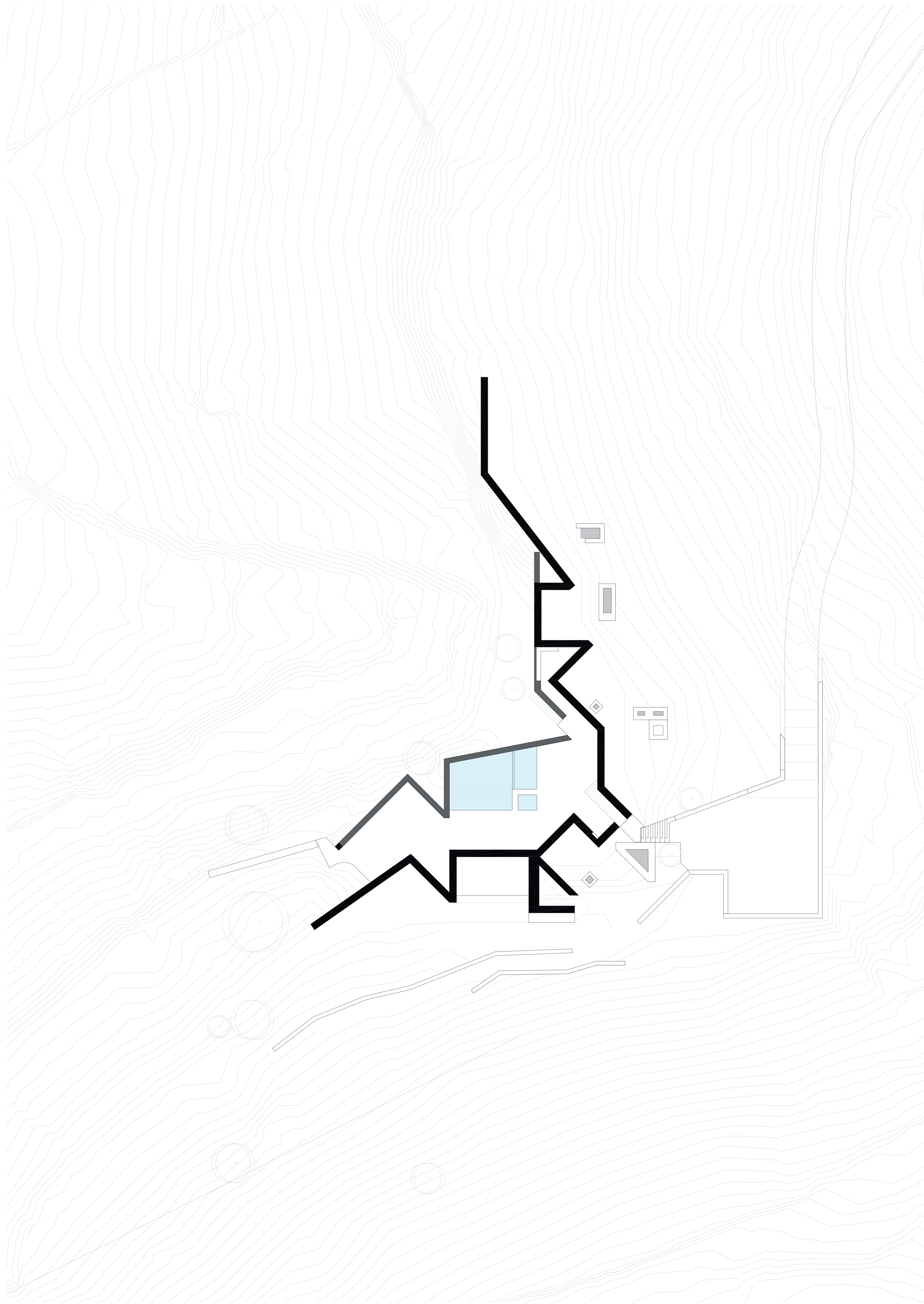
047 KTIMA



This villa concept is based on an integrative approach, where artificial and natural relate in a continuous way. The structure enters the soil and topography, adapting into it, but simultaneously contemplating the open horizon like a Greek amphitheatre. This 1200 square meters villa, which is 90% built underground, has simultaneously a double reading. From above it appears very abstract as a broken line, and from the sea, in a figurative way, as a village. This underground structure stabilizes the inner space temperatures throughout all weather conditions.

The villa main façade is built in a local 3-layer brick wall, which is orientated southwest towards the sea. The natural strong wind, from the Cyclades islands, blows straight from the sea into the main façade. The crossing wind trespasses the house, entering from the openings orientated to the sea, and exiting through the patios and ventilation shafts on its back. This wind is a natural source, which combined with seawater, becomes extremely powerful and efficient in refreshing and cooling surfaces and spaces.

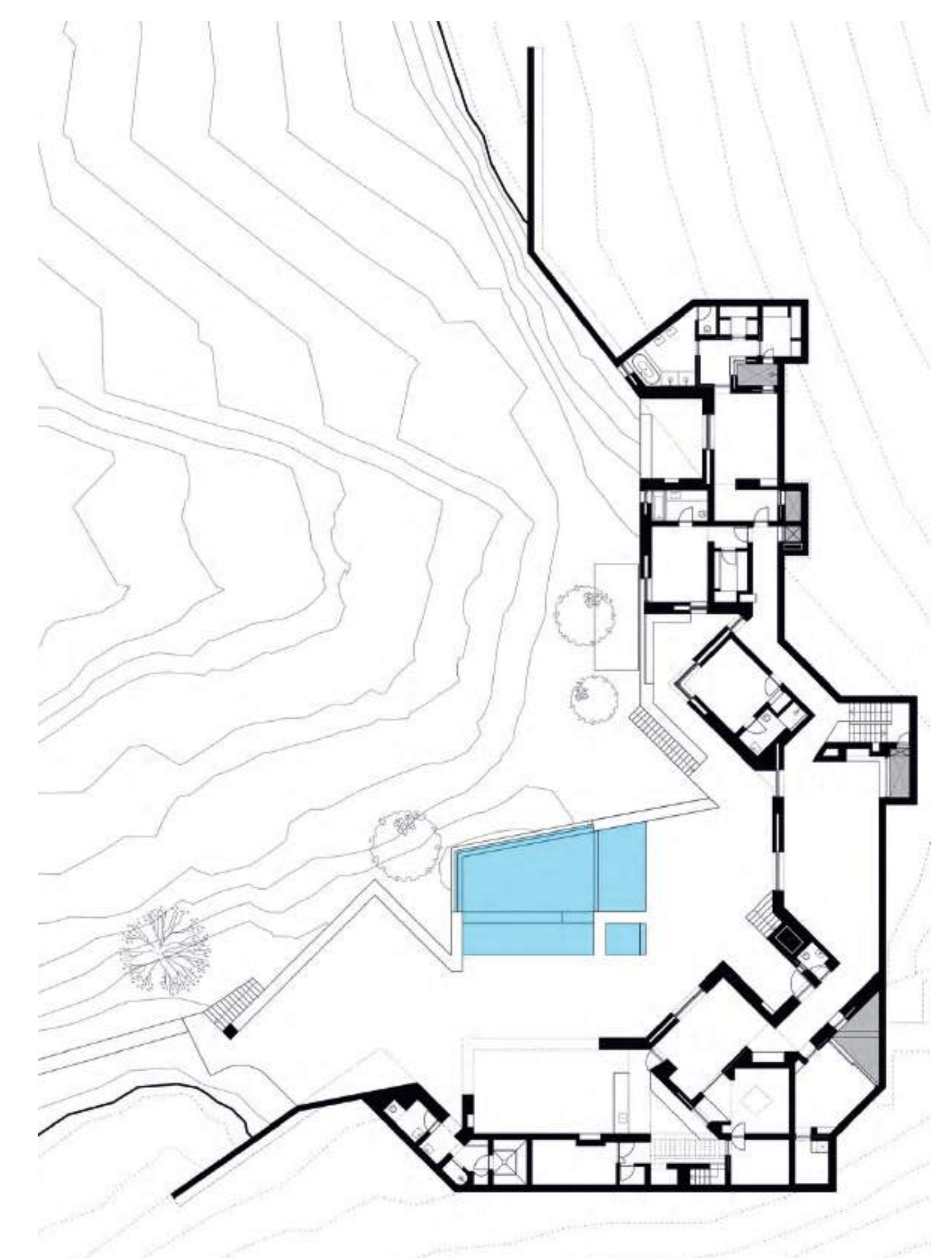




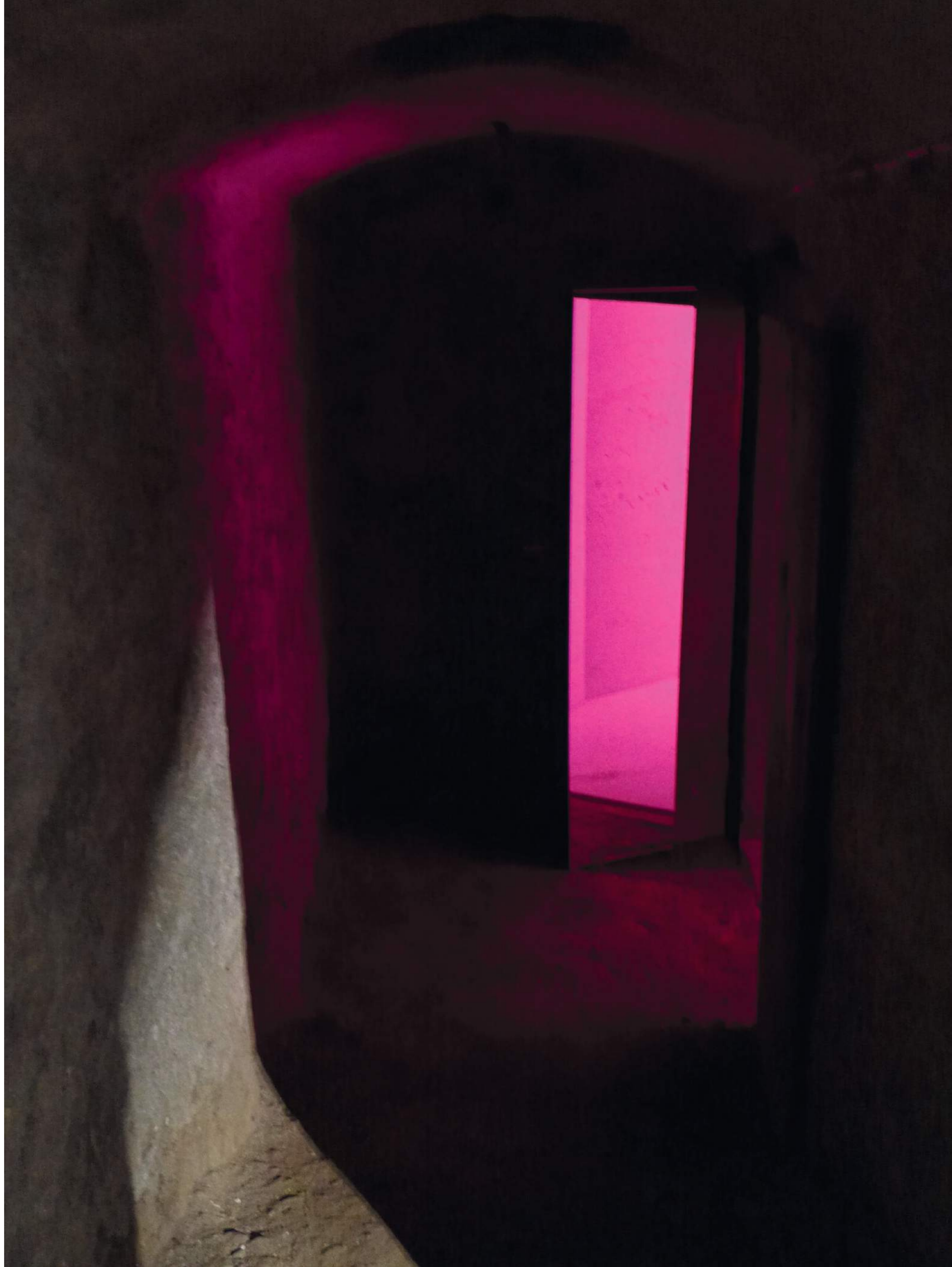
KTIMA
 Client: Karima Burman and Gaurav Burman
 Architecture: Camilo Rebelo with Susana Martins
 Collaborators: Cristina Chacau, Maria Sofia Santos, Patrício Guedes and Miguel Marques
 Local Architect: Dionysios Zachariadis Architects
 Structural Engineers: Christos Kikiliamanis
 Electric and Mechanical Engineers: George Cavouciacos
 Landscape Architect: Thomas Doxiadis
 Photography: Cláudio Reis

Project Facts
 Design years: 2008-2013 | Construction years: 2011-2014
 Total floor area: 950 m² | Site area: 25 370 m²
 Location: Antiparos, Greece

Program: Private Villa
 Structural system: Concrete and traditional brick
 Major Materials: Concrete, brick, plaster and marble (exterior)
 © Camilo Rebelo Architect



064 ovo



This project starts with a sculpture, entitled 'Seed', from the contemporary Portuguese artist Rui Chafes. The piece, built in iron, finds its purpose in the universality of O.J.'s mind that seeks values such as origin, purity and universal mystery.

The 'Trojan Egg' was the first stage of the project. The objective of this wooden egg was to create a void, revealing a new dimension and through it enhance mystery. The mystery is a condition that is very close to disappear from our civilization. This value is for us one of the main reasons for life and the egg is the dimension we choose to express it.

The Egg space was built in the centenary underground from an alpine house, and it was almost entirely constructed in pure white concrete which has been poured at once from the upper floor. The thin pure white marble on the floor, allows the light to enter the space from below like a halo.

The "Seed" is suspended in the air.





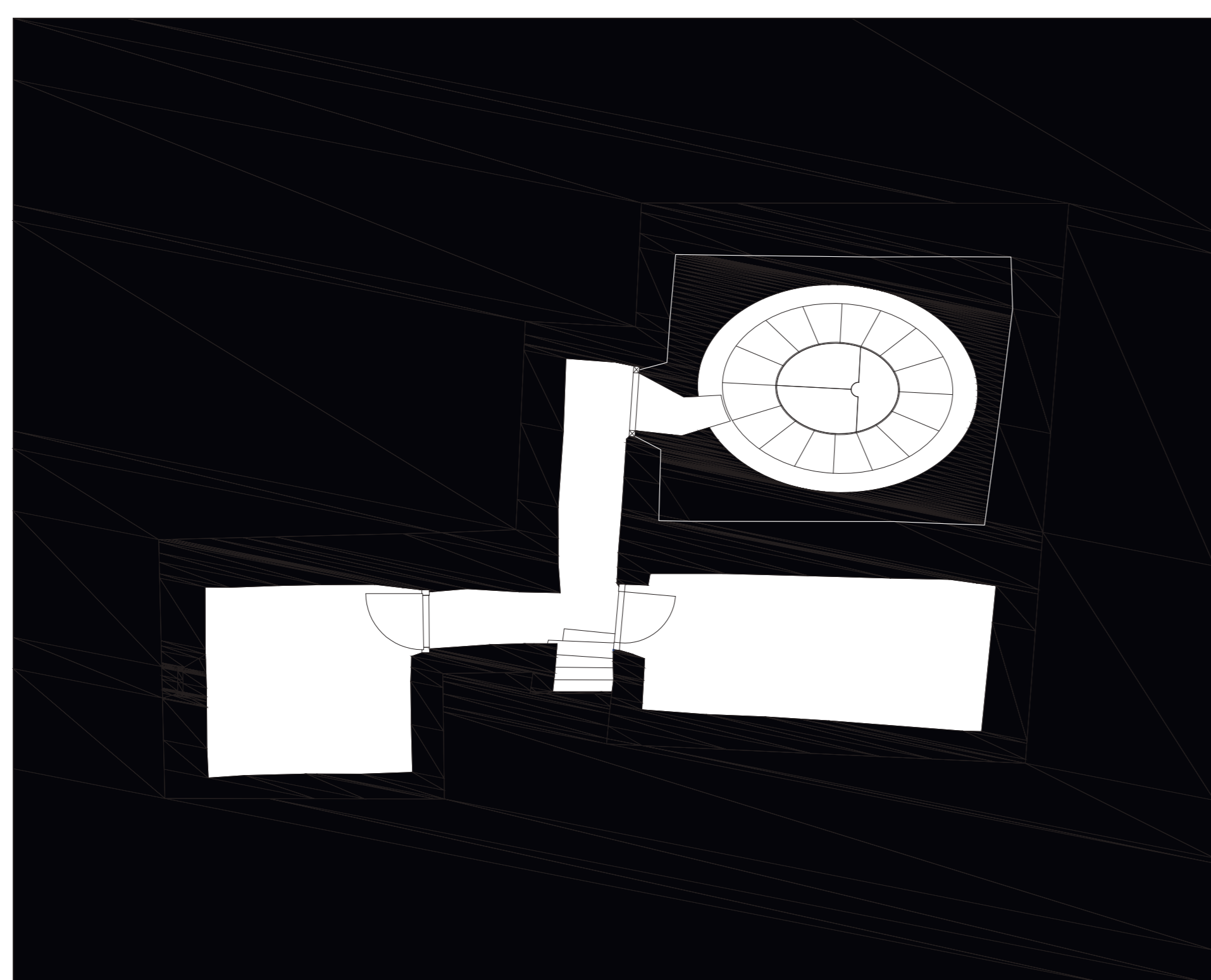
OVO

Client: Olivier Jacout
 Sculpture: Rui Chafes
 Architecture: Camilo Rebelo
 Collaborators: Patrício Guedes
 Engineering: G.O.P. - Gabinete de Organização e Projectos, Lda
 Structural Engineers: G.O.P. Lda, Jorge Nunes da Silva, Edgar Lima and Raquel Dias
 Electric Engineers: G.O.P. Lda, Alexandre Martins (G.P.I.C.)
 Mechanical Engineers: G.O.P. Lda, João Sousa (Ribeiro & Sousa)
 General Contractor: Matriz - Sociedade de Construções Lda, Fernando Dias and Filipe Queiroz
 Principal in charge: Fernando Dias
 Construction/Woodwork: S.P.S.S., José Simões and Pedro Simões
 Construction/Marble: Marmoros e Granitos A. Sousa
 Construction/ Electricity: Alfredo Aguiar and João Aguiar
 Photography: Cláudio Reis and Patrício Barbosa

Project Facts
 Design/ construction years: 2012-2014
 Total floor area: 208 m²
 Location: Fideris, Switzerland

Program Installation
 Structural system: Concrete
 Major Materials: Concrete, wood and marble

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063 PROMISE



Promise project was an order from a client full of restlessness – O.J. – who's vision was to generate a structure which would be able to provoke experiences that will question our souls.

Promise process was a ten-year permanent question mark in which our collective and individual consciousness was elevated in order to achieve the unknown.

Promise raises several questions which streamed out of contemporary themes:

Art/ Architecture, Archaic/ Modern and Natural/ Artificial.

Art and Architecture were since the first thought a common field of work. Art had the ability to split surfaces, unveil dimensions and raise questions about the unknown. Architecture was always a dream of protection and celebration, both individual and collective, but it can be a silent shelter in a world of noise as well.

Promise is a building coming out of a sculpture and a sculpture being born inside the heart of a building. Each form comes from other forms, each sculpture gives another meaning to the space, transforms it into another experience. Architecture and art are made for people. There is no other reason for making art or architecture than to offer the deepest and most subtle experience of space, memory, and vision to people.

Fragment, site and time, are dimensions that compose the project concept in the natural landscape in Serra de Grândola. The fragments constitute themselves as programs and independent structures, whose realm is complementary and disperse, allowing the user to experience differentially time and space in the natural landscape.

The site is the first geologic accident in the serra de Grândola viewed from the coast, and in this sense it's a waving topography that allows in certain moments panoramic overviews from the surrounding area.

The fragments pin the landscape and give it a new meaning. The underground garage takes the machines away from our senses, and from there on, by foot, we walk towards the main house, which is partially underground and, without an explicit entrance, allows a free approach towards the inside space. The secondary house closes up a path and pins the road that runs the propriety limit.

The concrete, like "taipa", is the chosen material, that makes these fragments belong to this site. The concrete has the soil's colour, a slow breathing porous surface that is going throughout time to desegregate, allowing nature within its own rhythm to take over.

Structural and thermic concept are elaborated as one and based on an air cushion that is generated between a double concrete layer system. The air cushion, which is naturally ventilated, surrounds all the inner spaces from the bottom to the ceiling, separating it from exterior weather conditions and promoting a continuous balance of the inner temperature and humidity level throughout the seasons.





PROMISE

Client: Oliver Jacout
 Sculpture: Rui Chafes
 Collaborators: Carlos Venâncio, Paulo Vera and Mário João Silva Lopes
 Architecture: Camilo Rebelo with Cristina Chicau and Patrício Guedes
 Coordination: Camilo Rebelo
 Collaborators: Catarina Machado, Rui Roncha, Carlota Amorim, Mariana Barreira, Sara Russ
 Engineering: G.O.P. Gabinete de Organização e Projetos Lda.
 Structural Engineers: G.O.P. Lda. Jorge Nunes da Silva and Raquel Dias
 Hydraulic Engineers: G.O.P. Lda. Raquel Fernandes
 Electric Engineers: G.O.P. Lda. Alexandre Martins, Fernando Aires, Hélder Morgado (G.P.I.C.)
 Mechanical Engineers: G.O.P. Lda. Raul Bessa, Telmo Mesquita, Ricardo Carreto (G.E.T.)
 Acoustic Engineers: G.O.P. Lda. Octávio Inácio (In Acoustics)
 General Contractor: Matriz - Sociedade de Construções Lda. Fernando Dias and Filipe Queiroz
 Principal in charge: Filipe Queiroz
 Construction/Concrete: SECIL, Ângela Nunes
 Construction/Installations: Pátimica Lda, Vítor Matos
 Construction/Electricity: A.M. Montagens Eléctricas Lda. Carlos Moreira
 Construction/Marble: Mármore e Granitos A. Sousa
 Construction/Woodwork: S.P.S.S. José Simões and Pedro Simões
 Construction/Metalwork: Ebinox Lda. Ricardo Fernandes (house 1)
 Construction/Metalwork: PapiroMatriz Lda. Gilberto Fernandes (house 2)
 Construction/Water tank: W.P.S. Paulo Fernandes
 Construction/Kitchen: A.G.S. Design Mário Ferreira

Project Facts
 Design years: 12.2012 - 09.2018 | Construction years 04.2015 - 12.2021
 Total floor area: 1036 m² | Site area 38,9 ha
 Location: Monte Novo da Guarita Grândola, Portugal

Program Privat Villa
 Structural system: Double Concrete layer
 Major Materials: Concrete and marble

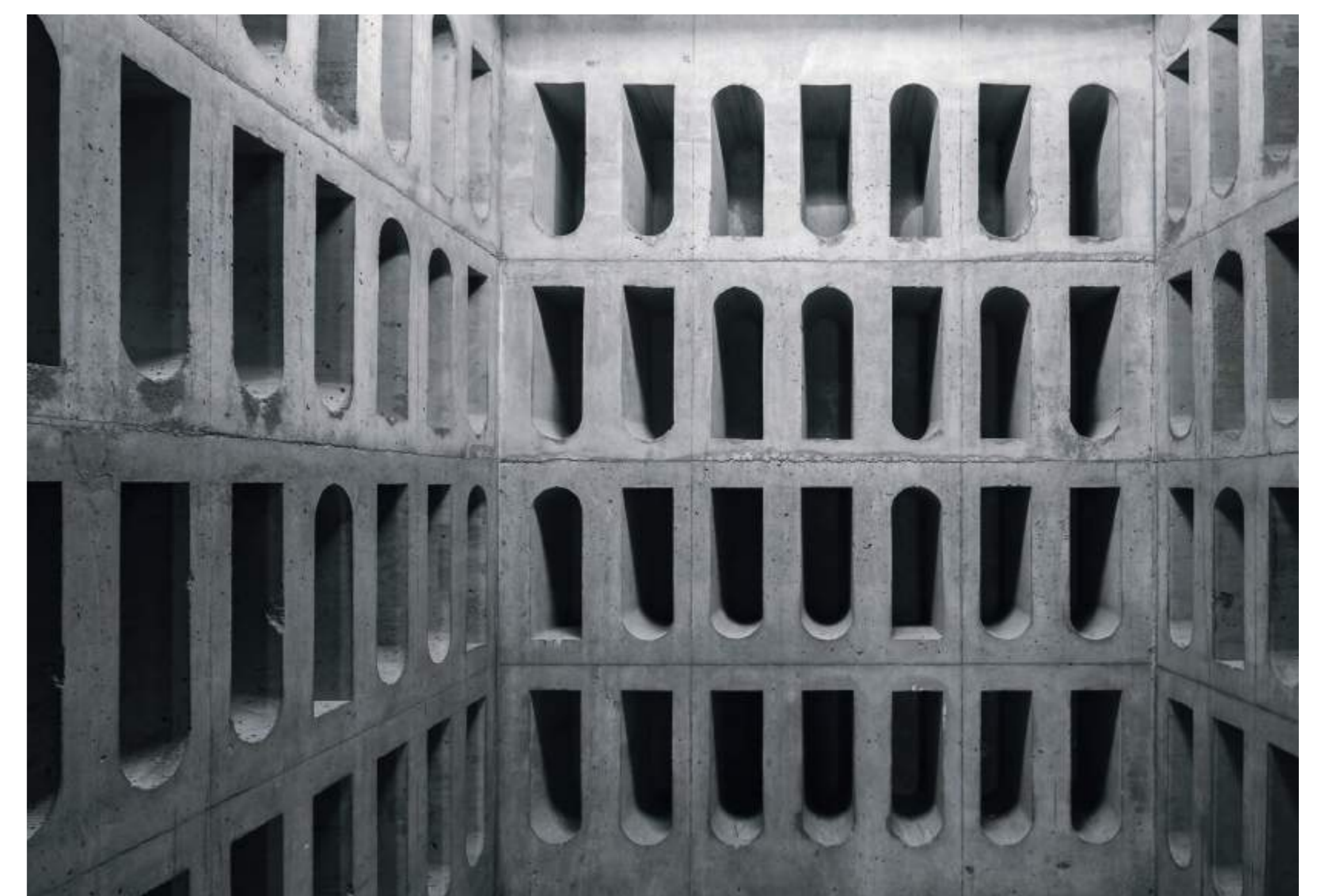
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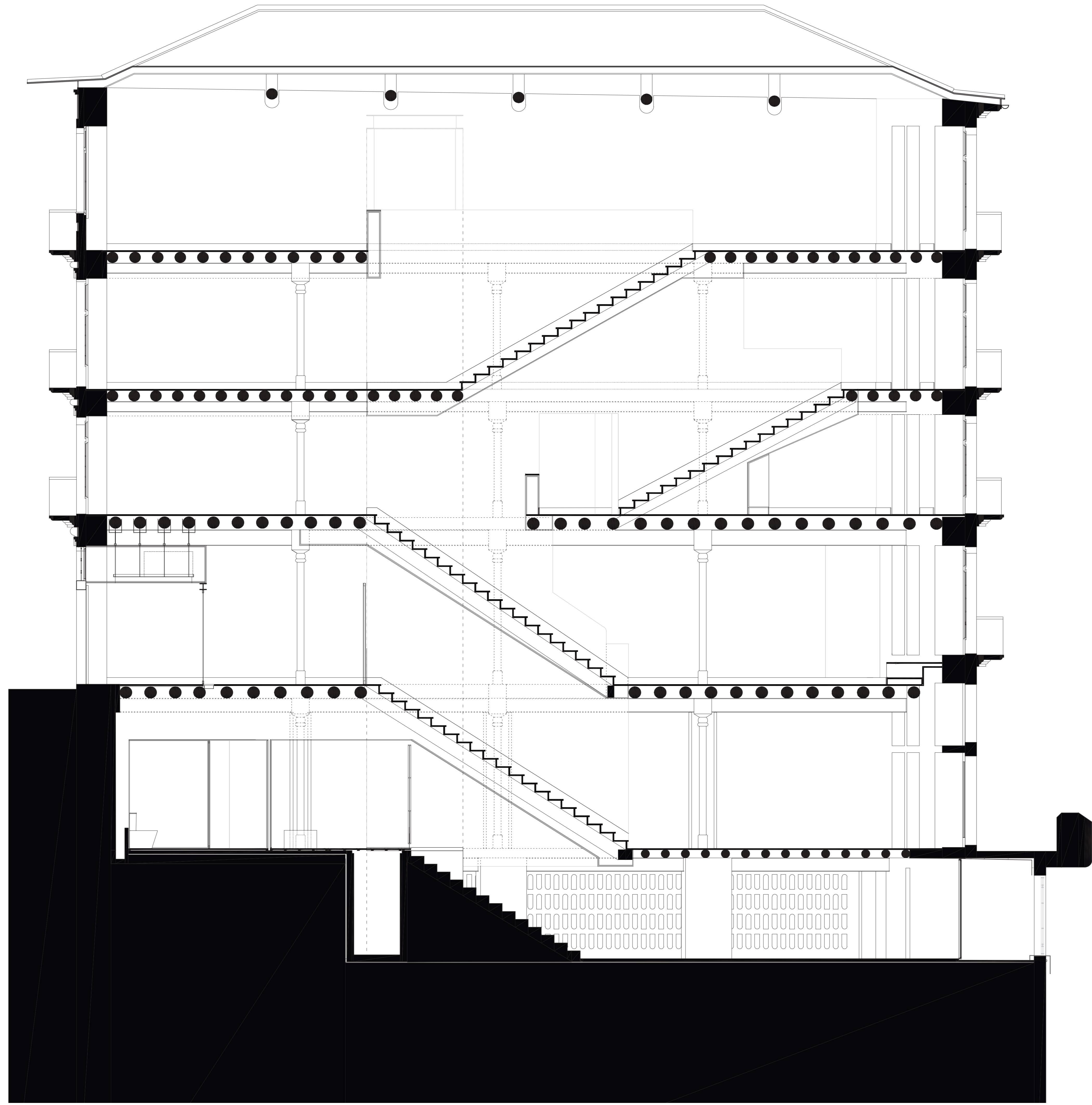


City Museum – Port Wine Museum – should conceptually be understood as a live structure within the city. Its location, in Ribeira, Porto, reveals immediately its central character and purpose, as it locates between the city, and its urbanity, and the Douro River, and all its legacy.

The museum develops within two centenary houses, in Reboleira Street, with the main one facing the river. The renovation of these two structures relied upon the following premises:

1. We maintained all the pre-existing layers of construction, a legacy built throughout the centuries.
2. We added the 21st century layer, choosing concrete for its materiality. This element appears occasionally on both buildings, especially in the main house as the wine archives. In the secondary house it appears as a scenario, a multipurpose space with all its infrastructures.
3. The exhibition spaces are wide and with meaningful views to the city and the Douro River.
4. The proposed colour – black – has a double meaning: for it asserts exclusivity for this museum in the river front, and for its symbolism, since it's the same colour that, throughout the centuries, distinguished the Port Wine bottles.





MVP

Client: GO Porto, Gestão e Obras do Porto, EM
 Architecture: Camilo Rebelo
 Collaborators: Cristina Chicau, Patrício Guedes, Sara Ruas and Mariana Barreira
 Engineering: G.O.P. – Gabinete de Organização e Projectos, Lda
 Structural Engineers and Pathologies: G.O.P.Lda, Jorge Nunes da Silva
 Hydraulic Engineers: G.O.P. Lda, Jorge Nunes da Silva and Raquel Fernandes
 Electric Engineers: G.O.P. Lda, Alexandre Martins and Pedro Barreira (S.P.I.C.)
 Mechanical Engineers: G.O.P. Lda, João Sousa (Ribeiro & Sousa)
 Acoustic Engineers: G.O.P. Lda, Jorge Nunes da Silva
 General Contractor: Atlantivel – Engenharia e Construção, Lda.
 Principal in charge: Marco Monteiro
 Photography: Nuno Pinto

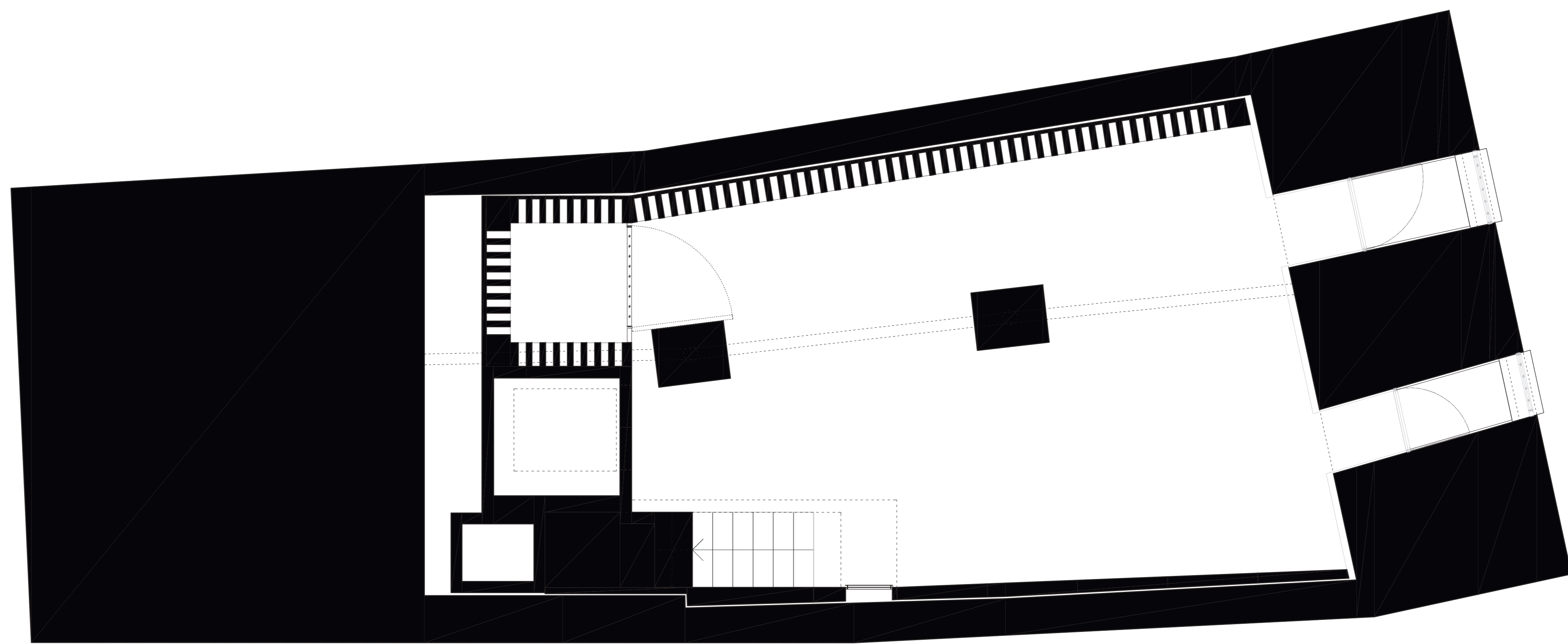
Project Facts

Design years/construction years: 2015-2019
 Total floor area: 766 + 132 sqm | Gross area: 153 + 132 sqm
 Location: Porto, Portugal

Program Museum

Structural system: Stone and wood slabs
 Major Materials: Stone, wood and concrete

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117 ELEMENT-U



ELEMENT'U

E1

Element'U is the name we chose for this pavilion research in the natural park of Zecha. The goal was to find the element which, combined with protecting nature and landscape, could validate the equation $1+1>2$. "U" is there as a question mark statement - the unknown.

E2

Element'U shall be perceived as a pin in the horizon, a moment in the landscape, a pause in a mountain pad. Simultaneously it stands out as a landmark, but also it integrates and melts within nature.

E3

Element'U is an interactive structure, a place where you can experience different relations between users and the outside world. The Triangular space in its base gives the user a feeling of protection, like being inside a tent.

E4

The semi-circular bench introduces a first level of dialog, where the user has a direct contact with the ground natural elements. The feeling will be similar as sitting in a bench in a park and therefore is thought to carry 1 to 6 persons (small intime group).

E5

A spiral narrow stair elevates the user to the rooftop, a gathering place which can carry a big group. This place has a view that allows a 360° degrees panoramic experience over the valley. Over this terrace, was built a light structure made out of local traditional mesh, a piece that promotes filtered light and shadow.

E6

The research process was very rich, 11 days of intense work and sharing. The approach was to find the unknown element with several possibilities of idea, shape form and materiality. The final one was very similar to the built one, only changing the material from stone to wood.

E7

A low intervention approach was taken throughout the construction process to maximize the preservation of the greenery and vegetation surrounding the site. The foundations are made of concrete and are not exposed, but wrapped in wood to blend in with nature.

E8

Element'U is supported by four steel columns at the four corners, including the stage and roof. The wooden structure itself is not load-bearing, while the 0.5-meter distance reasonably shapes the space and accommodates light and shadow.



111 MIM

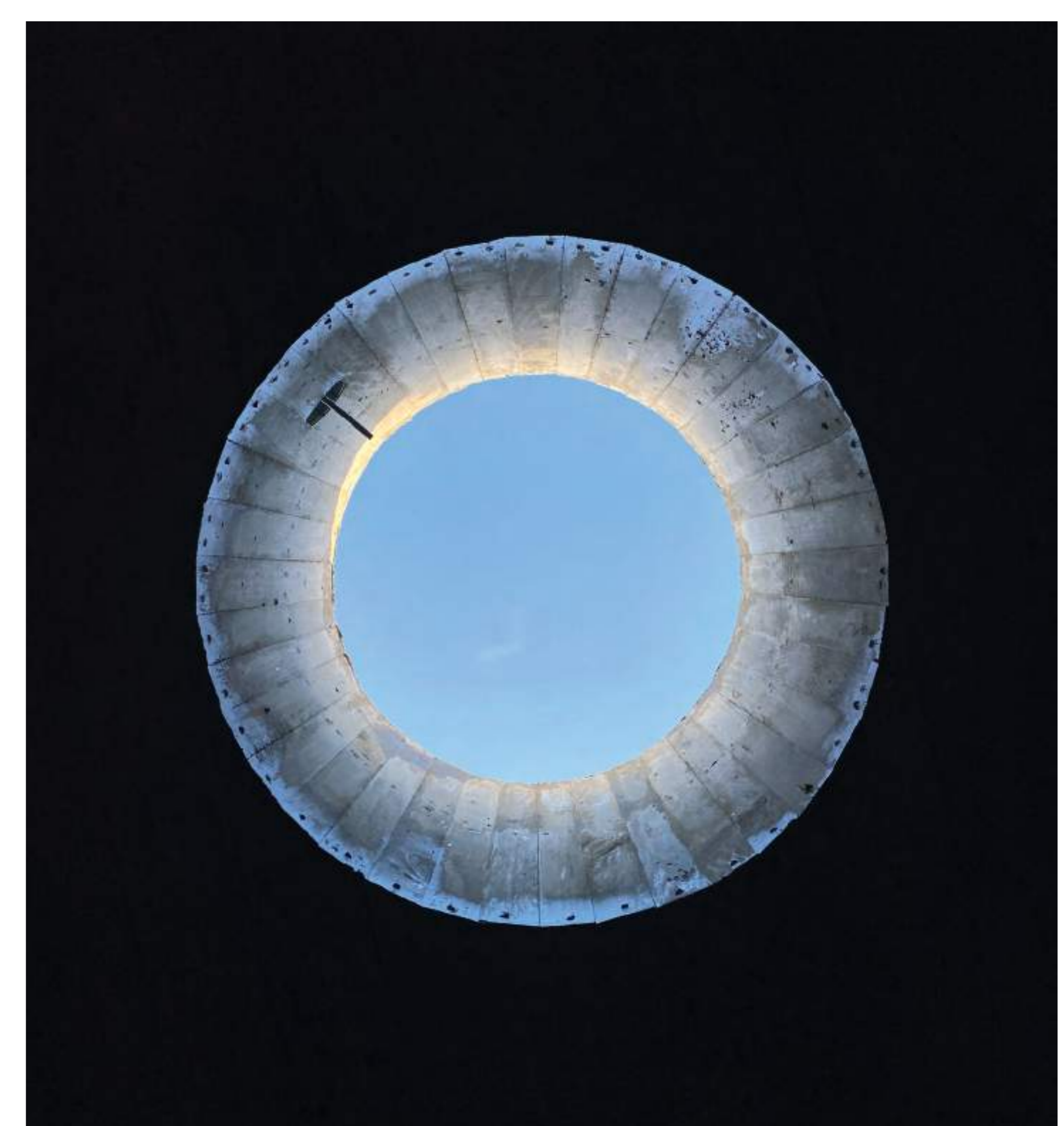


The process of designing this Villa lasted 10 years and had 4 versions. The final version balances between being a generous and a minimal typology.

This Villa concept is a fusion between a nomadic tent and an urban typology, giving the user a feeling of space, which is simultaneously fluid (open) and a systematic structure where programs and spaces are separated.

MIM Villa is highly sustainable and ecologic, starting with its 100% concrete construction system, and its suspended ventilated floor as the houses from the XIX century in Oporto. The house can be easily autonomous from conventional supplying systems, once it has a water well, geothermic energy, and photovoltaics.

MIM Villa promotes natural light in every space, mostly due to the front patio-oriented east (sunrise) and the garden terrace facing west and sunset.



MM
Client: Mina Ghorbanbaksh & Camilo Rebelo
Architecture: Camilo Rebelo & Mina Ghorbanbaksh
Collaborators: Leonardo Barros and Patricia Fernandes
Engineering: G.O.P. Gabinete de Organização e Projetos Lda.
Structural Engineers: G.O.P. Lda. Jorge Nunes da Silva and José Pedro Martins
Hydraulic Engineers: G.O.P. Lda. Raquel Fernandes
Electric Engineers: G.O.P. Lda. Alexandre Martins (G.P.I.C.)
Mechanical Engineers: G.O.P. Lda. João Sousa
General Contractor: Matriz - Sociedade de Construções Lda.
Principal in charge: Filipe Queiroz and Jorge Macedo
Construction/Marble: Mármore e Granitos A. Sousa
Construction/ Metalwork: PapoMatriz Lda. Gilberto Fernandes (house 2)
Construction/ Kitchen: Franklin Oliveira
Photography:
Project Facts
Design years: 2020-2024 | Construction years: 2023-2024
Total floor area: 185 m² | Site area: 455,50 m²
Location: Arábida, Porto
Program Private Villa
Structural system: Concrete
Major Materials: Concrete + Marble
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