Beyond the light
Concordia lighthouse

CONCEPT
The main idea was interpreting the typology of the traditional lighthouse, considering it as a reference, the archetype of this lighthouse in the collective imagination, in the search for a contemporary approach. The design process was guided by abstraction, where several references to the subject became under the concept of abstraction.

At a distance, the building stands as the image of a solitary monolith. The pure form, scale, and colors used contrast with the local landscape, so that the building redefines its guiding framework character and gives it the monumentality of a new milestone. The structural and functional system building seeks to sustain the geometry as a method of expression. Following this logic, the proposal implies the reduction to the essential, from volumetry to the use of materials and energy.

LOCATION
The building is inserted in the center of Giglio Island, opposite the small town of Giglio Castello. The site is a point of interest, being the location of the lighthouse.

PROGRAM
The main access is via a ramp leading to a lower level, where are located the memorial, developing and service spaces. The space of the memorial is covered by a possible translucent surface, providing a virtual connection between indoor and outdoor.

The vertical circulation by stairs and elevator leads to the upper level, where is located the overlook, high vantage point that is located provides a panoramic view of the local landscape, and a visible point of view of the port of Giglio.

The signalization, lighting infrastructure and guidance is located one level up with reinforced access.

MATERIALS
The proposal is a fully structured building concrete high performance, which uses 30% less material and is three times stronger than normal concrete, perfectly meeting the requirements of building typology and the natural constraints of the site. The coloration proposed can be observed by adding special pigments in the concrete, which eliminates the need for painting walls.