



Casa Katana

A crooked line engrvaved in the Southern Cretan landscape

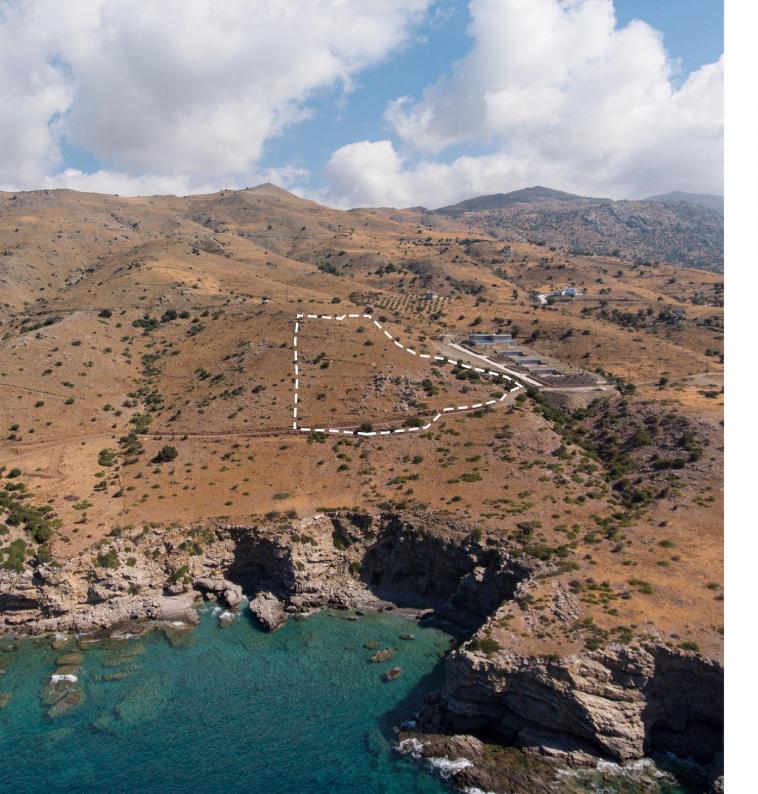
In the Southern part of Crete near the Agios Pavlos graphic beach is designed our unique leisure residence **Casa Katana**. The inspiration of this innovative design came out by closely observing the parameters of the site and asking the right questions. The landscape with its unique morphology, southern mediteranian beauty, the views towards the libyan sea and the climate conditions are the main factors influencing the architectural synthesis. In the above factors are added the contemporary needs and amenities that a luxurious villa may possess in order to constitute a state of the art modern structure.

One of the first concerns was the residence to be fully integrated in the landscape, living untouched the beauty of the plot. Towards this direction after lots of sketches the idea came up in the form of a soft crooked line that delimits the borders of the residence. This gesture of a continuous concrete blade is engraved in the plot resembling the mark of a sharp yet gentile Katana sword, thus gave its name Casa Katana. The components of the synthesis are sized in a harmonic ratio that provides motion to the whole composition and gives the feeling of a very contemporary structure.

The residence is carefully placed above the rock formations of the site and high enough to give outstanding views of 160°-180° and privacy at the same time. Casa Katana is partially underground in order to present excellent thermal and **sustainable behaviour** and is carefully studied according to the mediterranean-North african climatic conditions, sun light movement and orientation. Natural light and ventilation are basic elements giving a natural feeling and well being to the habitant. The main Material selected is a colored concrete mixture that integrates to the pallette of the landscape providing at the same time durability and minimum possible maintenance.

In terms of numbers Casa Katana constitutes of around 600 sq.m of living areas that are analysed at, one open plan living-dining area, four large bedrooms with ensuite bathrooms, one large Office with loft bedroom and extra semioutdoor or possible indoor area, one spa wellness area and storage spaces. Because the mediterranean climate promotes an outdour living, around 307 sq.m are entirely deticaded for outdoor and semi outdoor living areas and exta amenities. A large crooked infinite pool of 250 sq.m borders with the outdoor spaces and around 150 sq.m are deticaded to the parking and other auxiliary areas. An extra 111 sq.m have been given in the indoor technical room, water tanks, overflow tank etc.

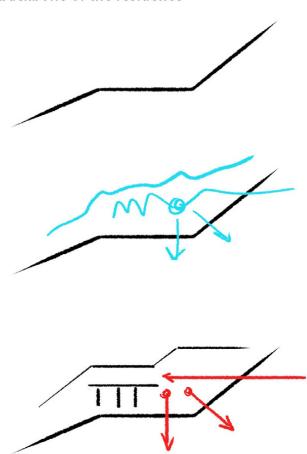
Casa Katana is designed according to the **highest aesthetic and scientific standards** in concern to the sustainability factor and the art of architecture. It provides the feeling and privacy of a sea-front villa yet it combines it with the benefits of a higher leveled plot 62 meters above sea level thus giving an excellent feeling with unobstructed view. The habitant is urged to live and explore the natural beauty of Southern Crete combined with a unique architectural experience.

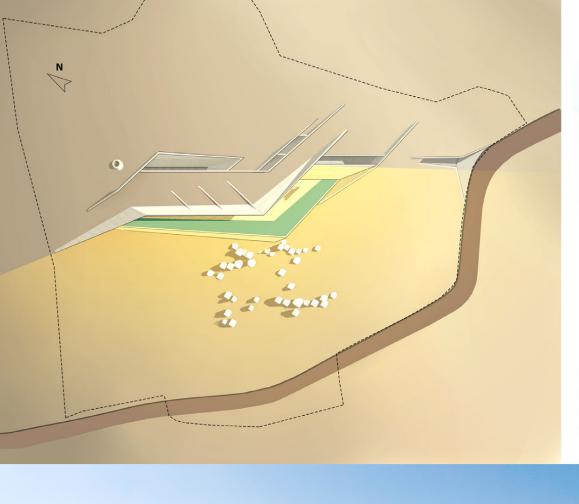


Idea

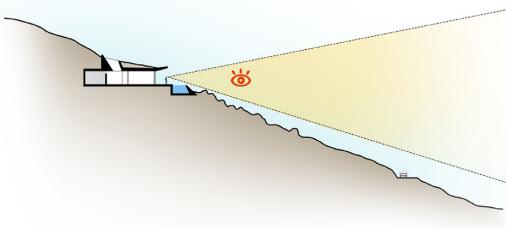
The Idea is inspired by the unique morphology of the plot and the particular characteristics of the site, rock formations, orientation, views.

A soft crooked line delimits the borders of the synthesis and provides broader view in two basic directions. All the elements of the composition are constructed in accordance to the basic crooked line that acts as the backbone of the residence





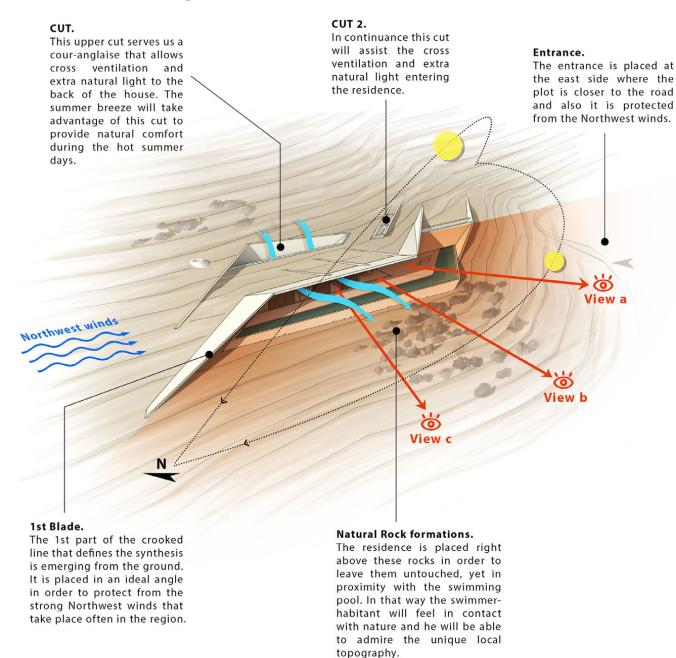
Topographic & View Analysis

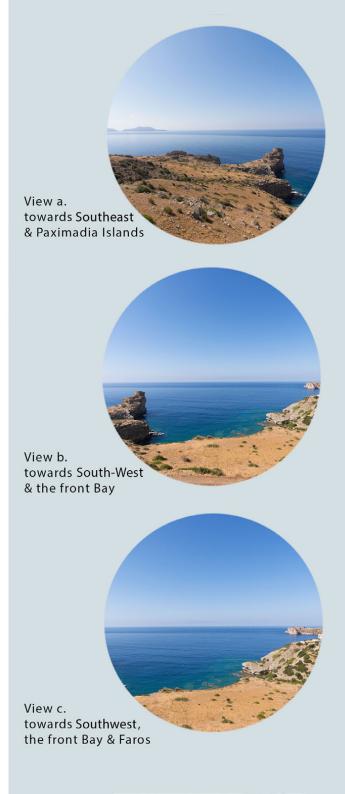


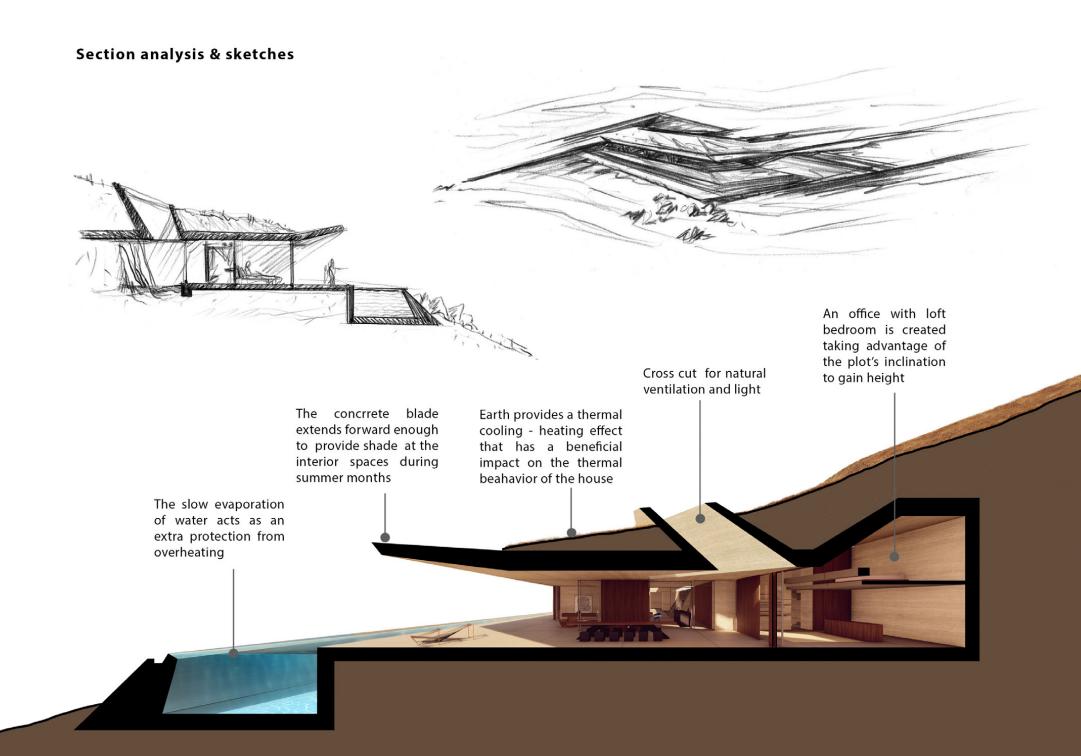
The site has a magnificent panorama wide view of the area. The synthesis is being placed in such a way, taking advantage of the view, while at the same time is masking unecessary elements like the local rural road and other dwellings towards West. In that way it provides silence, a sence of privacy and an ideal view to the sea and the local morphology.



Axonometric-diagram





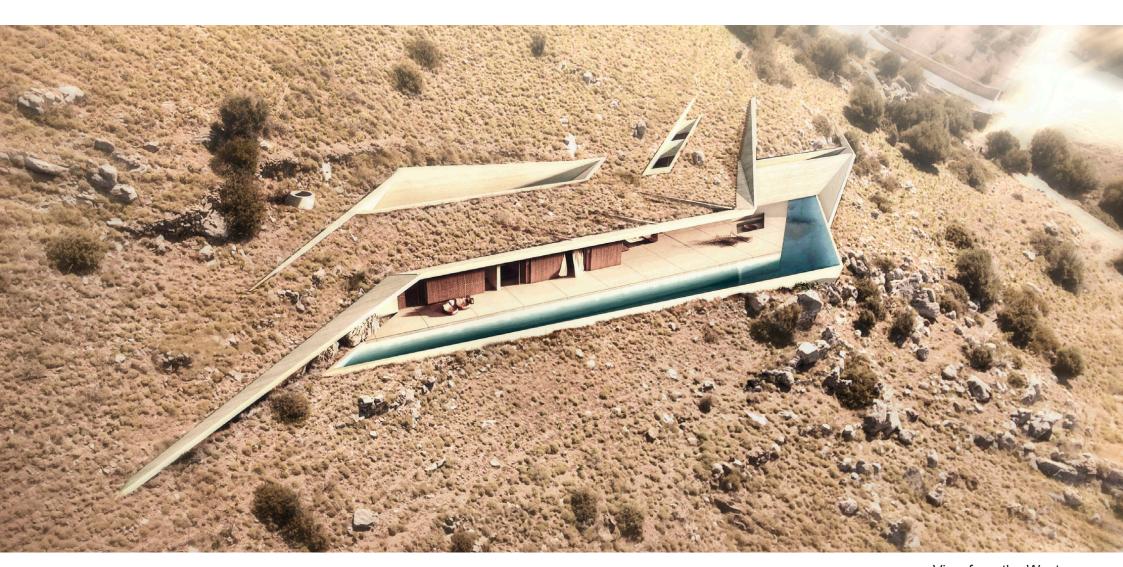




View from above



View from the South



View from the West



View towards Northwest



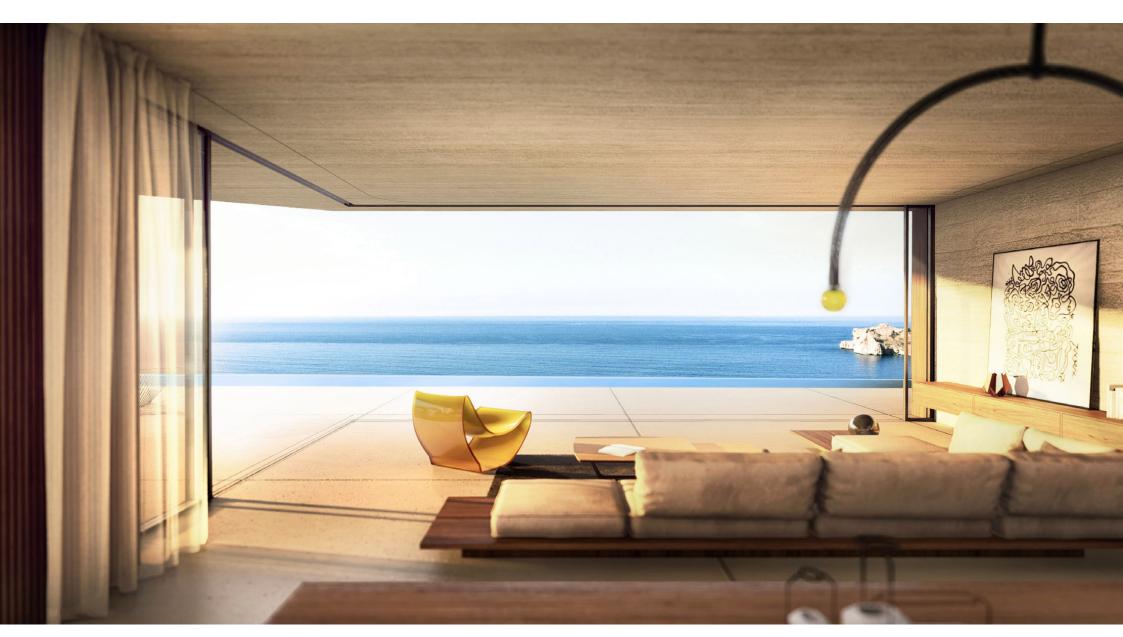
General entrance from Southeast



View of the semioutdoor dining area Towards Northwest

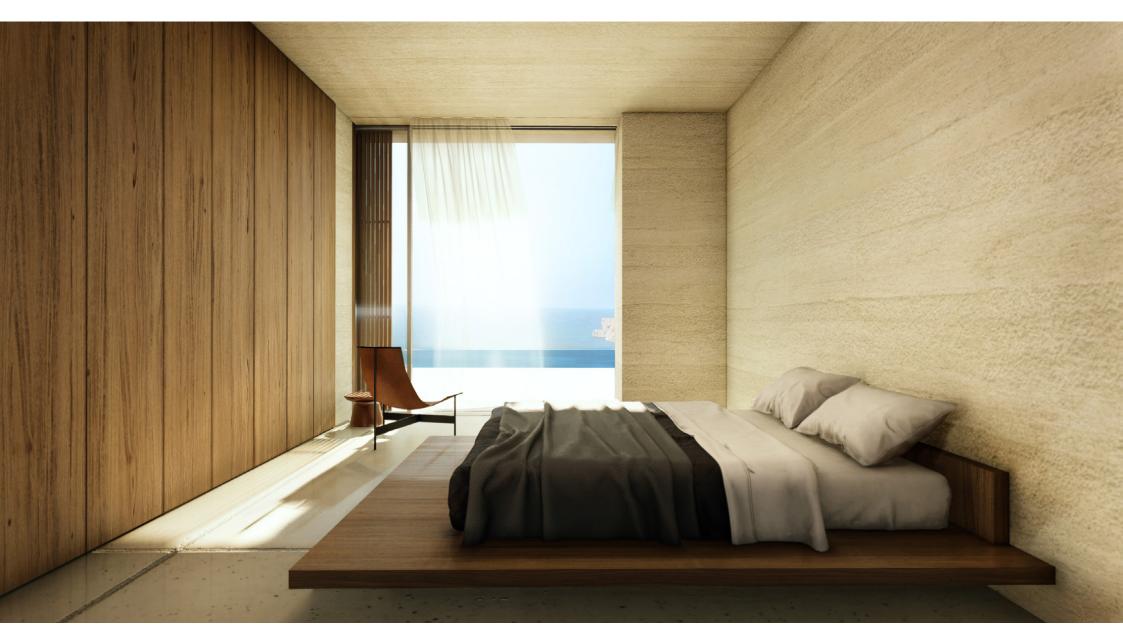


View Towards Southeast

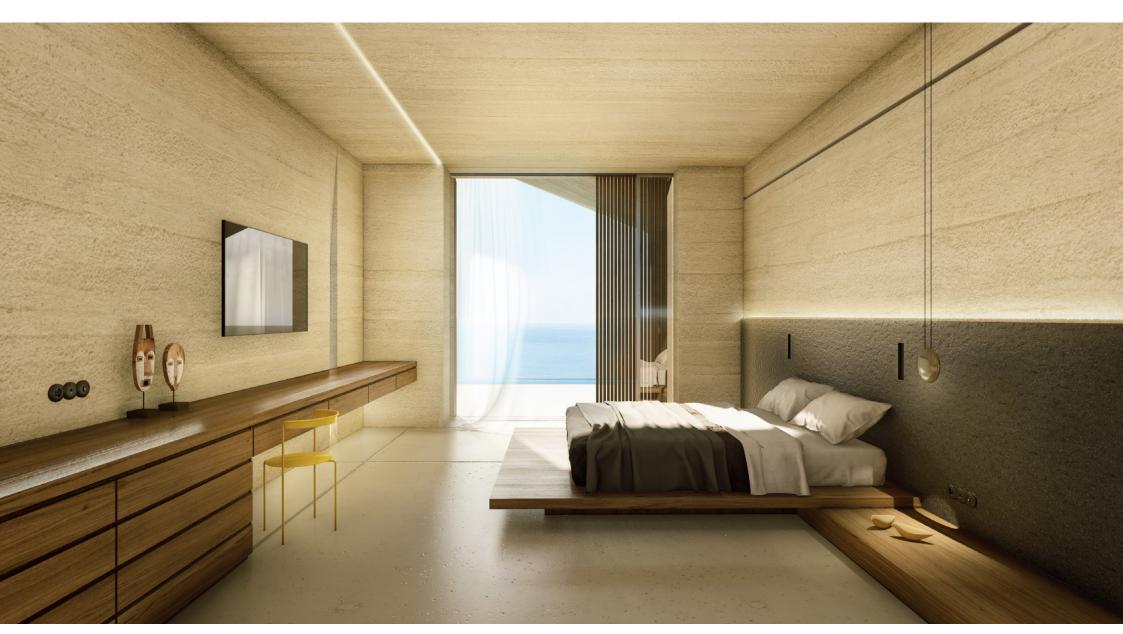


View Towards Southwest





View from the room 4



View from the Master room 1



View from the outdoors towards Southeast



Night View from the South, Southwest



Night View towards Northwest