

## **(Title of work) Experiment of Capturing Beautiful Nature by Architecture**

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The valley made by two restricted points is so enchanting that we are fascinated to design an architecture after researching the area around the waterfall and cave of San Nicola. It is necessary to take the natural beauty of the site into account in our design. And it was impossible to ignore the site's relationship to the film "Cinema Paradise". Therefore, we decided to design an architecture that can encompass all the beauty of nature and the essence of "Cinema Paradise" and enhance the attractiveness of the site.

### SITE ANALYSIS

The site is located in Sicily. Sicily is a popular tourist destination in Italy and has been nurtured various cultures since ancient times. Sicily is also called the crossroads of civilizations because of its location. And it is a land where several civilizations are interlaced in layers.

And the site is located in the state capital of Palermo. Palermo is Sicily's largest city and still retains its Arab-era influence. You can go through Strada Provinciale 134 from Bolognetta. Cascade Della Grotta di San Nicola is a nature conservation park, and we can see a magnificent waterfall surrounded by rocks. In the site surrounded by nature, we propose an architecture that blends with nature.

## CONCEPT

We placed multiple frames on the site to capture the beauty of nature. The film-like frames we set on the site will direct the peoples' view. The method is also found throughout the movie. We followed the same footsteps in our design to convey the beauty of the place. Accordingly, we would like to propose an experimental museum which displays real nature in it.

Using this method, we expect that visitors to the museum will find various new viewpoints. And they will discover more detail in their everyday life through the frames we set.

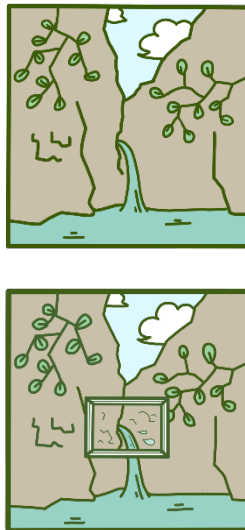


Figure 1

## PROCEDURE



Figure 1

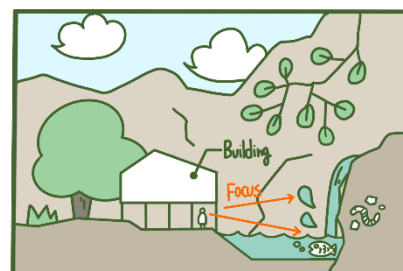
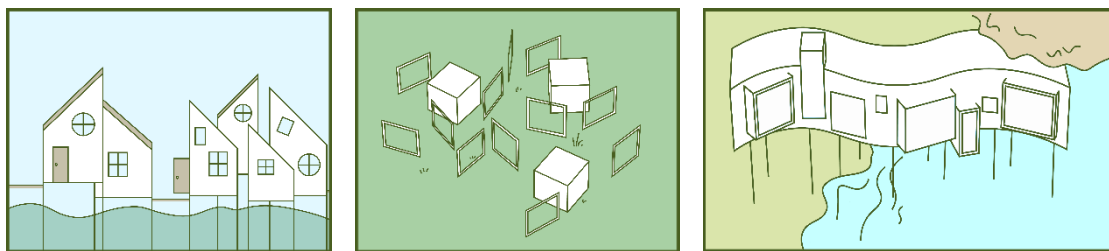


Figure 2

Our first step was to get an idea from the masterpiece “Reconstruction Memorial Park” (Figure1) designed by Hiroshi Naito who is one of the most prominent architects in Japan. It is located in the Tohoku district and was made to remember the victims of the disaster 3.11 earthquake that have taken many peoples’ lives a decade ago.

As you see, the basin reflects sky and trees. Light comes through the top light. It emphasizes the silence and eternity we receive from the architecture. The beauty of this masterpiece is beyond our description. Even we have never been there, the atmosphere created by him always overwhelm us across a picture.

We would like to design like this one. We wouldn't say a better one but at least we received a lot of ideas and hints from this masterpiece. Figure2 is our first idea sketch is explaining we are going to cherish nature and design a human-eco-friendly architecture on the site.



**Figure 2.1 - 3.3**

Subsequently, we drew sketches which came up in our mind.

Figure 3.1 depicts multiple house-like buildings floating above the water. We would have like to describe lightness of buildings.

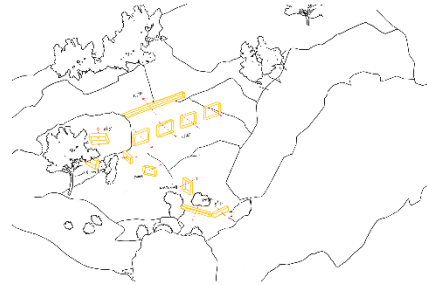
Figure 3.2 shows many frames standing on the ground. These frames are the window people can find “framescape” as many as the number of the frames visible through them.

The building sketched in Figure 3.3 are floating above ground and water. The building has many windows on its wall. It resembles the appearance of the view that lots of paintings are hanging on the museum wall.

We finally chose the idea of the third one, the museum-like one to brush up our work. To refine our idea, we did more detailed research about the site and selected which “framescape” to use in our work.

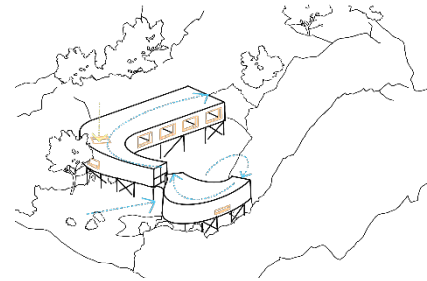
## DIAGRAM

- 1) At first, setting direction, position, and size of the frames.



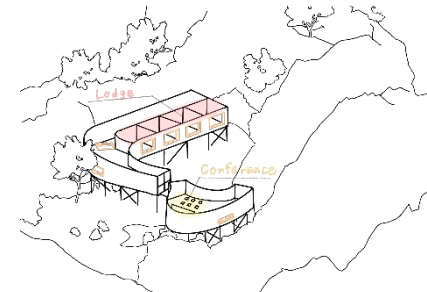
**Figure 3**

- 2) Second, draw flow line along the frame we set.



**Figure 4**

- 3) Third, arrange and determine the zoning of the floor (lodge, conference room, rest room) to adjust entire volume.



**Figure 5**

- 4) Using thin poles to make the façade will give people floating impression. To ensure stiffness, horizontal braces are inserted in structure.
- 5) At the same time, we consider the beginning of the fall is one of the most attractive points of this site. For that reason, we cut off the volume so that everyone can see through the fall while standing on the ground. And at the same times we make sure not lose beauty of original nature.

About the connection to the cave, the narrow space enclosed by lodge and cliff surface provides rhythm and add spice to simple white space.

RENDERING VIEW

