



Bamboo Playground How to Reconnect Sustainable Nature

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Natural Architecture

Here, nature serves as a framework for setting structure. The aim is therefore to build »into« nature, rather than »on to« nature. The form of the design strongly resembles that of a mountain and blends into the site by harnessing organic and low-profile materials, providing the giant pandas with the most authentic setting possible. Bamboo is a low-cost and sustainable material that is intensively grown locally. This material has been historically used in the countryside for the fabrication of handicrafts, native architecture and utilitarian objects.

The Elimination of Barriers

This project is designed to create spaces that allow visitors and giant pandas to remain on the same level throughout, eliminating physical barriers in between and achieving closer encounters and views without any obstacles. Bamboo structures are used to create an interesting interplay between vertical and horizontal lines. In some spaces, vertical and horizontal elements intensify to form a psychedelic perspective, evoking a profound sensory perception.

Surroundings

Architecture is an interplay between mass and hollow space. In this design, space and body stand in a complementary relationship to each other, continuously merging. In this strictly symmetrical Panda House Architecture guides the path through the rhythm of the space and determines the circulation route of visitors and Pandas at the same time. Visitors surround the giant pandas from different viewpoints which afford diverse experiences. Open and active spaces with visual connections enhance the recreational experience.

Cameron Highlands, Malaysia

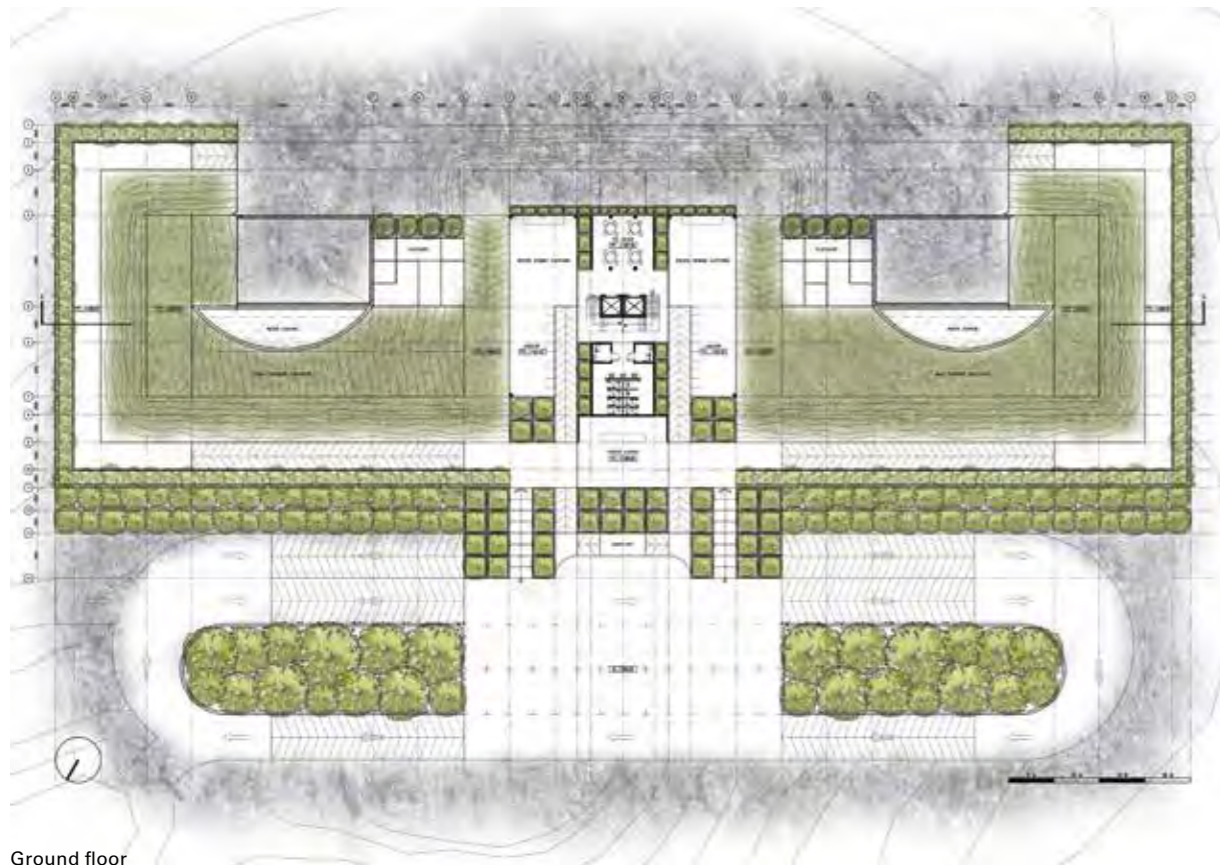
To create a haven for the giant pandas where they will feel at home is to go back into the nature and provide them an authentic environment. Locating the site in a beautiful tea plantation in Cameron Highlands, one of the most popular nature attraction in Malaysia with breath-taking sceneries and refreshing climate on a mountain. This architecture connects human, giant pandas and the nature through rejuvenating recreational experiences.



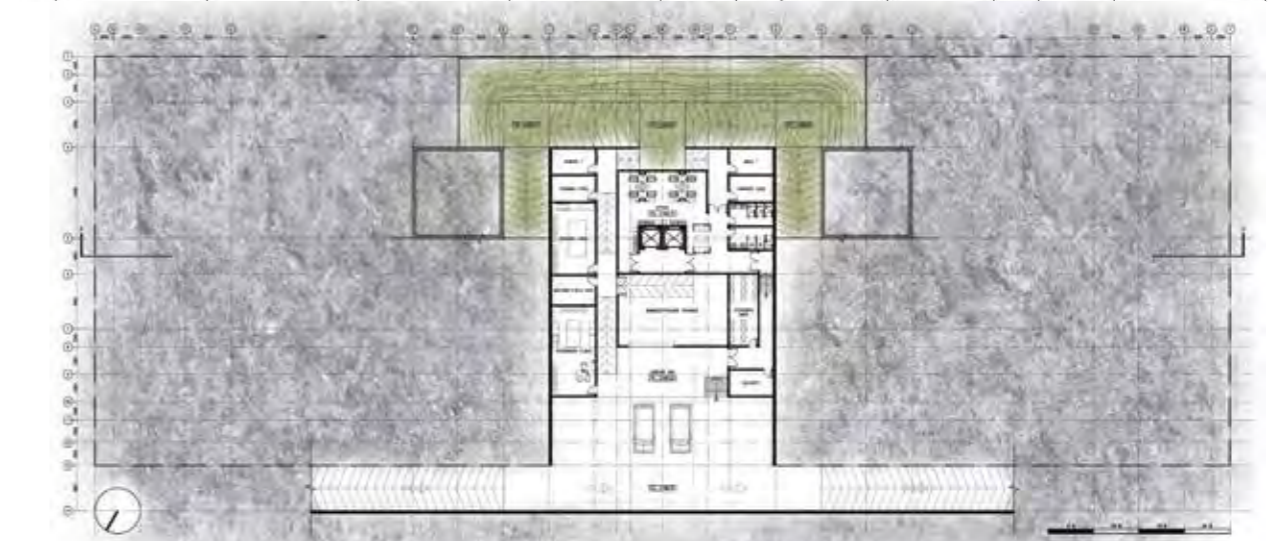
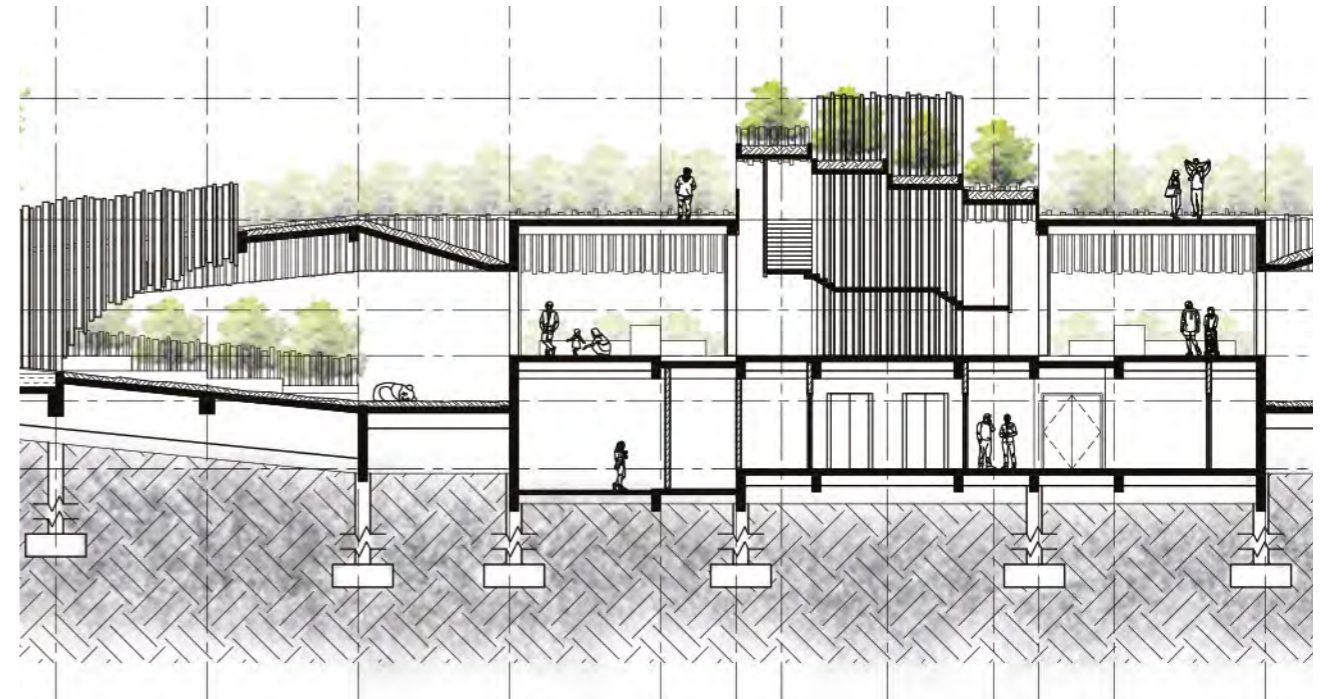
Elevation



Section



Ground floor



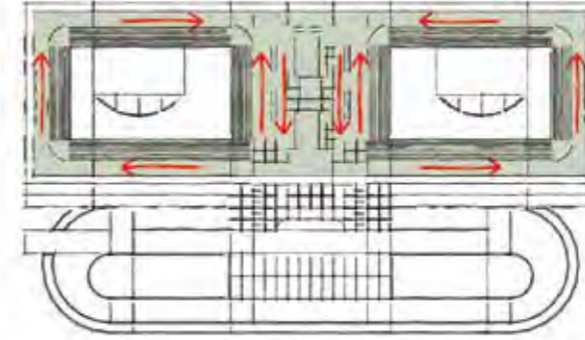
Basement



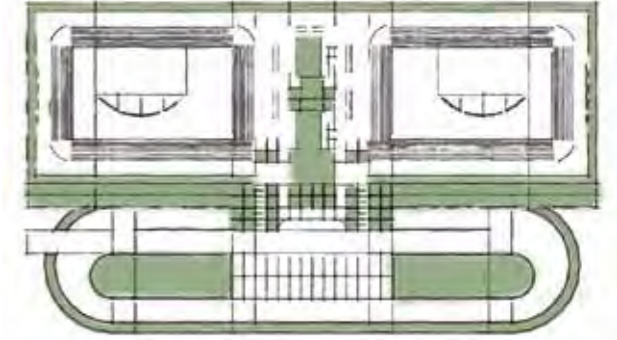
Up and Down
With viewing platforms on different locations, allowing the visitors to watch the giant pandas from different angles without any obstacle.



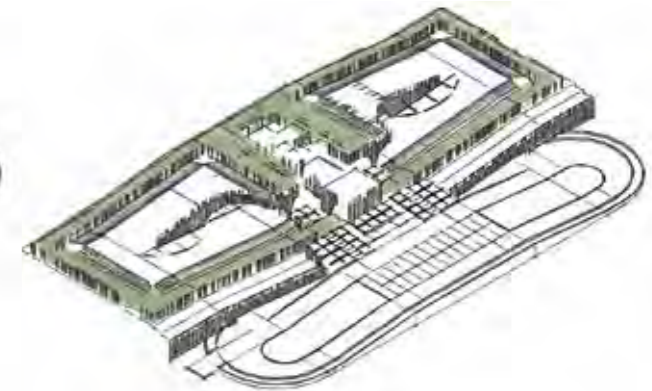
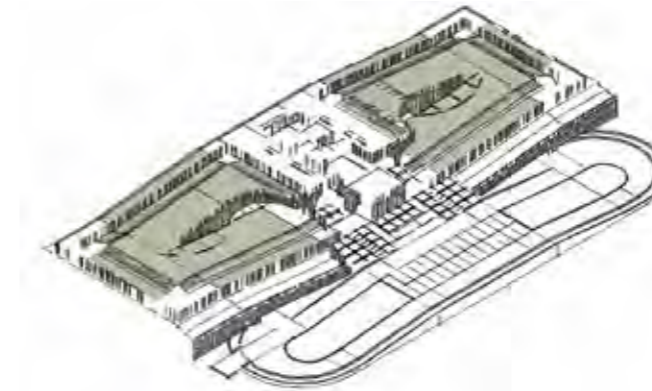
Surround & Around
Create activities and encourage circulation surrounding the giant pandas with different views and experience.



Pocket Garden
With multiple pocket gardens in the architecture, not only it brings aesthetic quality but also allowing the visitors to plant, harvest and enjoy their own tea leaves.

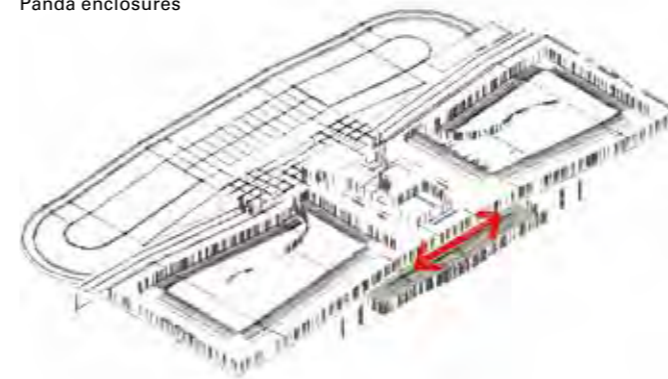


Barrier Elimination
Using moats with gentle slop to eliminate the need of physical barriers, allowing a closer encounter between the giant pandas and the visitors.

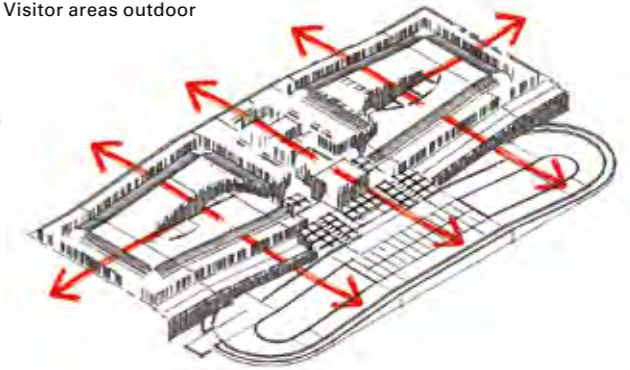


Walking With the Pandas
Using ramps to create circulations that allow the visitors and giant pandas to stay at the same level all the time while eliminating physical barriers in between.

Panda enclosures



Visitor areas outdoor



Entrance area

Panorama views

Circulation

