



Panda Village

How Cluster-like Architecture Benefits the Natural Community

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Clusters of an Interlocking Geometry

Clusters of an interlocking geometry are a metaphor for the »Panda Village«, where the aim is to reinforce the relationship between humans, pandas and nature. This metaphor is translated into the master plan layout and design form. Each cluster serves its own purpose and caters to a different programme; the interlocking design creates different volumes which bring out the essence of the spatial experience for users.

A Journey of Vitality

This enclosure is intended to foster a dynamic and enthusiastic spirit and vigor. The flow of circulation between programmes helps to develop a package of engagement activities involving learning, fun and leisure. Hence, programmes such as bamboo craft studios and tea houses provide a broader platform for visitors to feel involved in the panda enclosure, opening up different perspectives.

A Dynamic Duet between Transparency and Opaqueness

The focus on the visual experience of both visitors and pandas is a crucial element in the design for the facade and roof. This does not involve arbitrary – but rather well-thought-through – decisions when it comes to determining open and enclosed spaces. Full-height glass facades and openings help to frame the outdoor view and panda activities. This further enhances the relationship between the interior and exterior. The glass roof breathes life into the interior and casts interesting patterns of shade. The enclosed spaces introduce feature walls, patterned screens and weave ceilings, creating a harmonious indoor experience.



Design Parameters



Site Brief

Located next to Berlin Zoo, this park is an interesting spot for the designated proposal. The site is surrounded by lake and islands, naturally formed a few picturesque spots for the proposed design building. There is a café next to the site, which becomes one of the main sources for the proposed enclosure to attract visitors with the designated programs and its architectural features.

- Water (Lake)
- Earth (Site Contour)
- Wood (Trees)
- Fire (People)
- Metal (Existing Building)



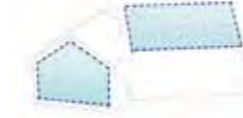
1. Typical blocks design



2. One block is moved and elevated to create 2 floors and interlocking.



3. Blocks are rotated to catch the best view on site. Interlocks are further enhanced.

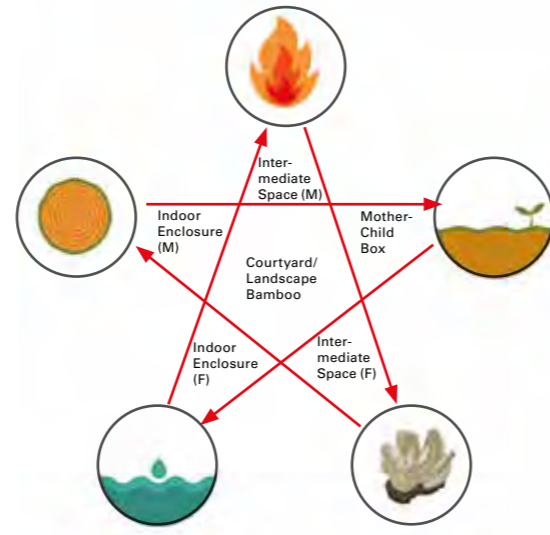
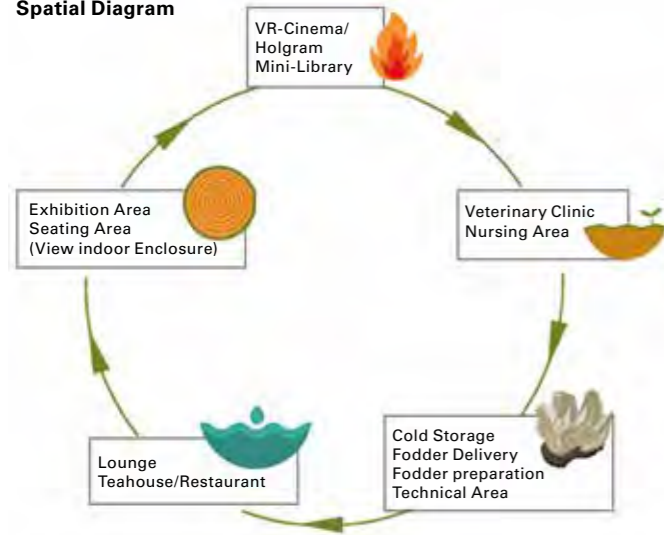


4. Opening on facade and roof to frame view and bring light.



5. A section of block is taken away to enhance overall architecture feature visually

Spatial Diagram



Front elevation



Side elevations



Site plan



- A: Arrival and Exhibition**
- B: Exhibition and VR Room**
- C: Dining/Cafe/Tea House/Bar**
- D: Exhibition and VR Room**
- E: Cultural Gallery and Bamboo Craft**
- F: Panda Enclosure**

- 1. Arrival
- 2. Lounge
- 3. Locker/Storage
- 4. Corridor



A: Arrival and Exhibition

- 6. Exhibition II
- 7. Hologram/VR
- 8. Overhead walkway



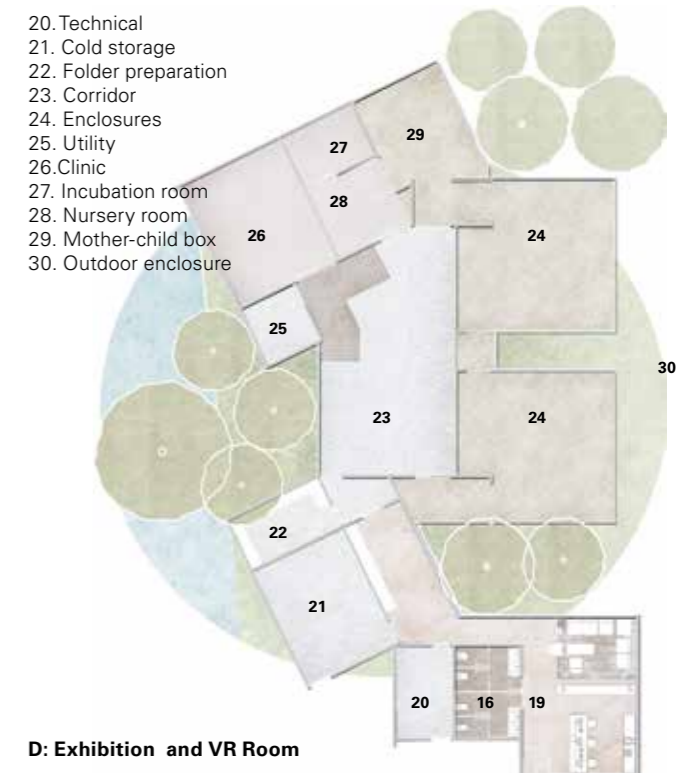
B: Exhibition and VR Room



C: Dining/Cafe/Tea House/Bar

- 11. Reception
- 12. Dining
- 13. Semi-indoor dining
- 14. Kitchen
- 15. Cafe
- 16. Toilets
- 17. Tea house courtyard
- 18. Overwater bar
- 19. Office

- 20. Technical
- 21. Cold storage
- 22. Folder preparation
- 23. Corridor
- 24. Enclosures
- 25. Utility
- 26. Clinic
- 27. Incubation room
- 28. Nursery room
- 29. Mother-child box
- 30. Outdoor enclosure



D: Exhibition and VR Room



