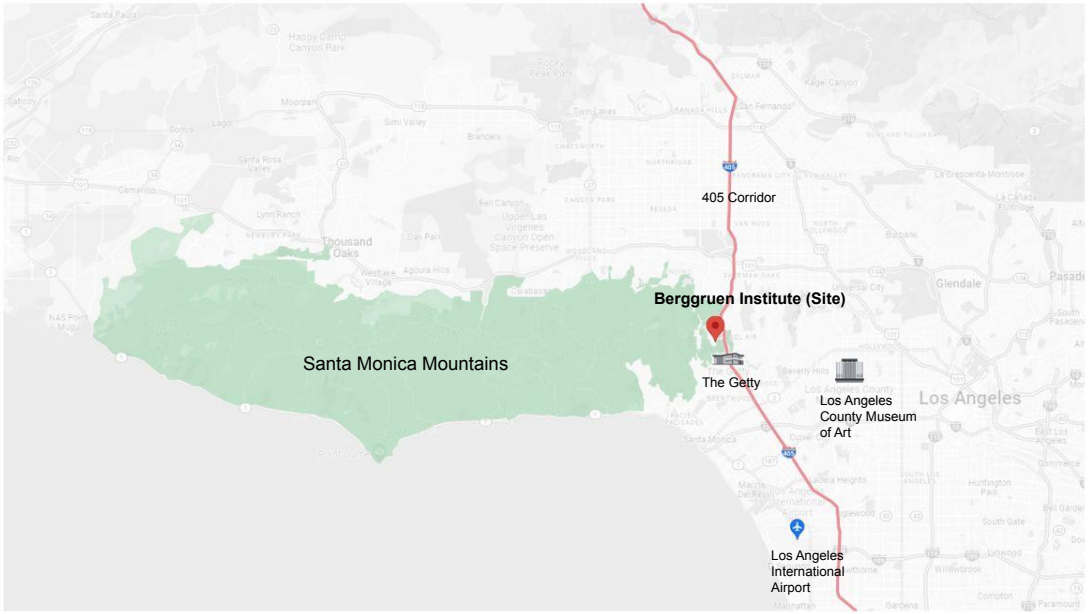
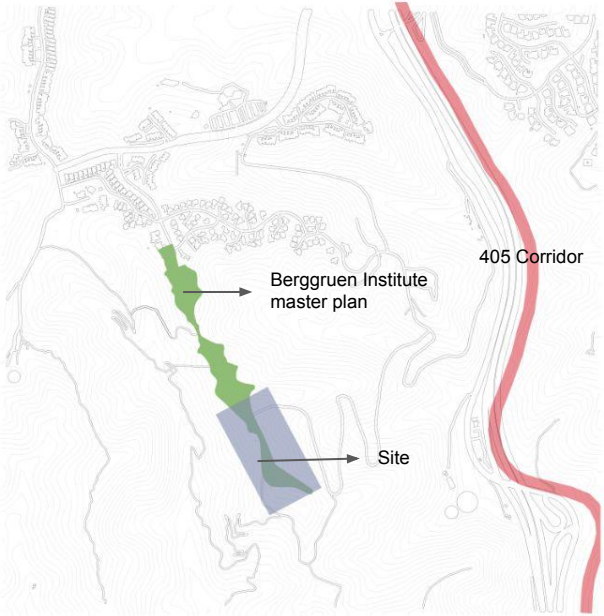
Wildlife Think Tank

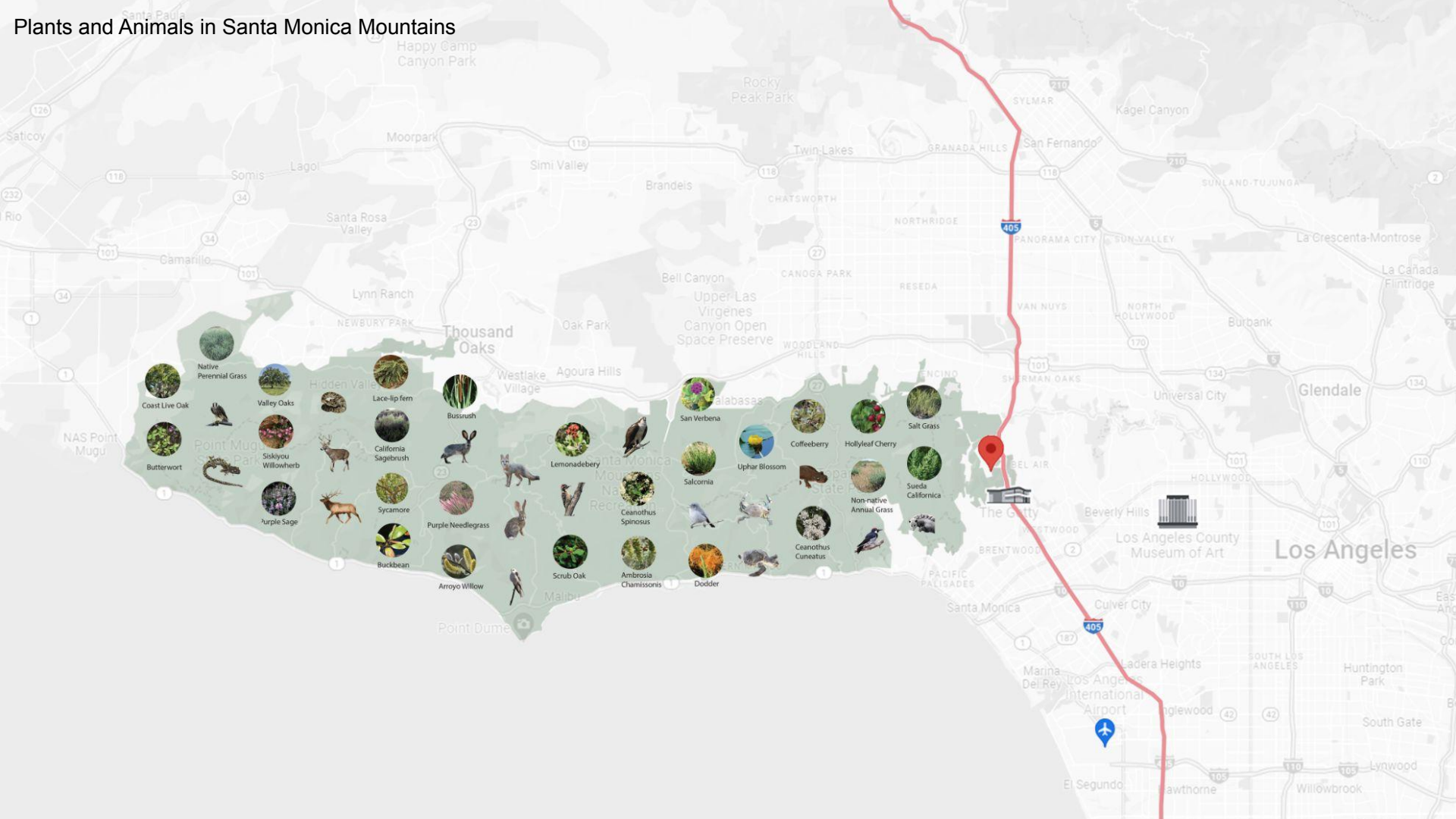
By Jialu Deng & Ningyuan Deng

Site


405 Corridor
Berggruen Institute (Site)
Santa Monica Mountains
The Getty
Los Angeles County Museum of Art
Los Angeles
Los Angeles International Airport


405 Corridor
Berggruen Institute master plan
Site

Plants and Animals in Santa Monica Mountains



Urbanism

Fragmentation of Habitat

Hunted by Human

Anticoagulant

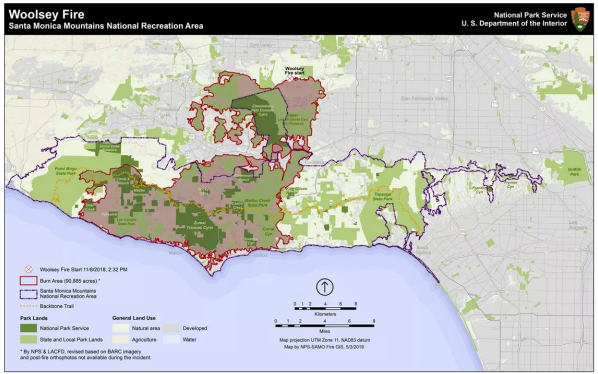
Climate Change & Natural Disaster

Average Monthly Temperatures by Decade
Downtown Los Angeles, 1880s - 2010s

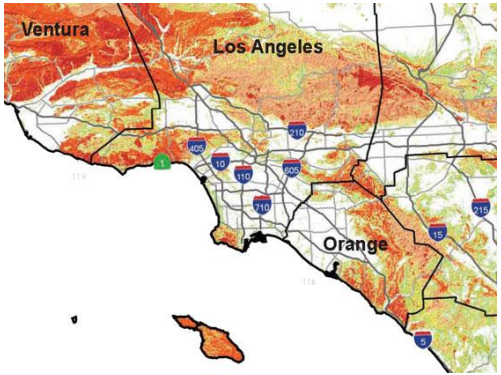
Temperatures in Degrees Fahrenheit.

Decade	Average Monthly Temperature (F)	Temperature Increase Since 1880s
2010-2019	66.6	+3.9
2000-2009	65.4	+2.7
1990-1999	67.0	+4.3
1980-1989	67.3	+4.6
1970-1979	65.3	+2.6
1960-1969	65.1	+2.4
1950-1959	64.9	+2.2
1940-1949	63.6	+0.9
1930-1939	64.5	+1.8
1920-1929	63.6	+0.9
1910-1919	62.4	-0.3
1900-1909	62.2	-0.5
1890-1899	62.1	-0.6
1880-1889	62.7	0.0

Increase in temperature

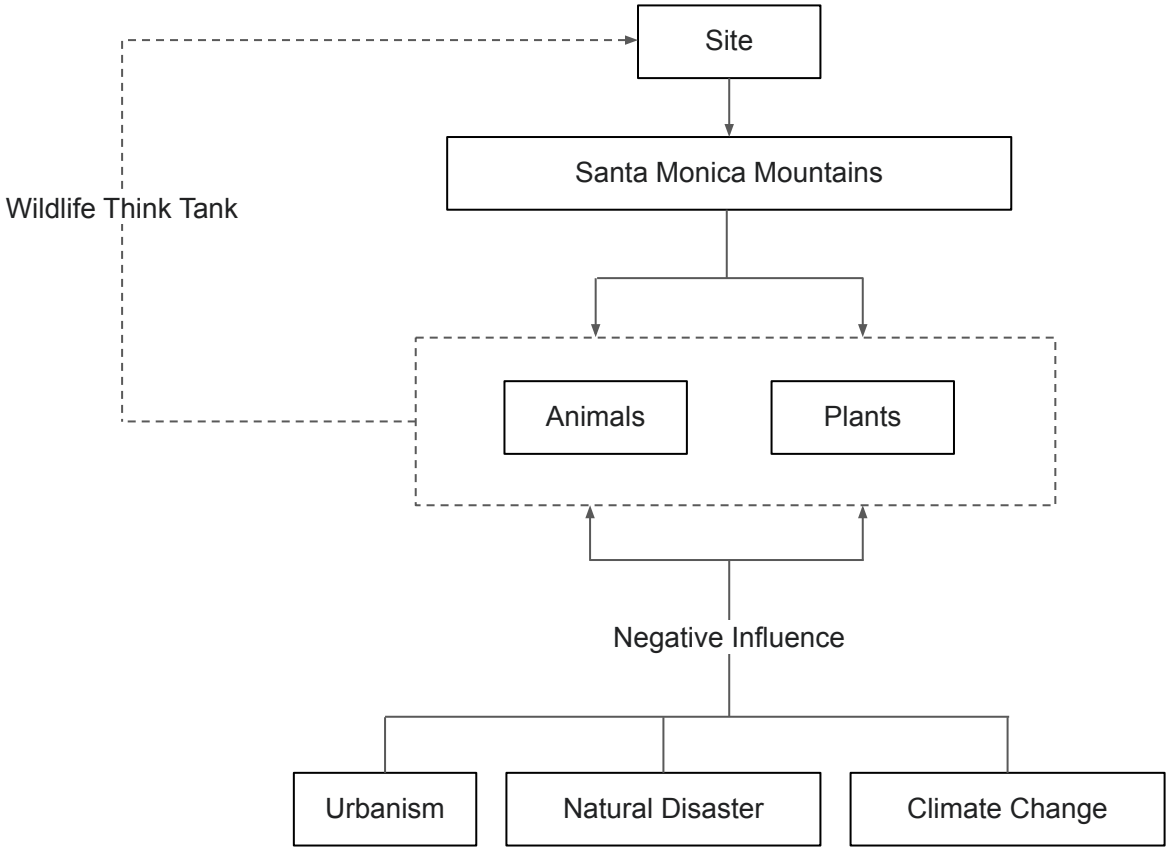


Forest Fire



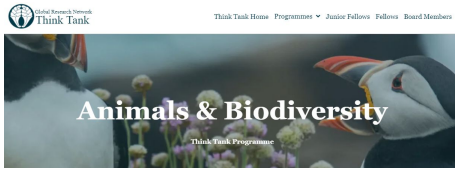
Landslide

Conclusion

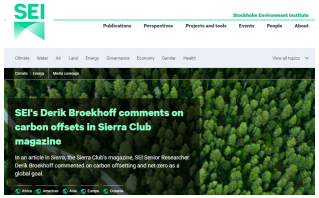

Site
Santa Monica Mountains
Wildlife Think Tank
Animals
Plants
Negative Influence
Urbanism
Natural Disaster
Climate Change

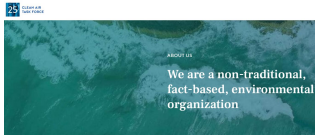
Feasibility

Animal Think Tank

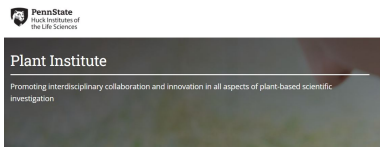


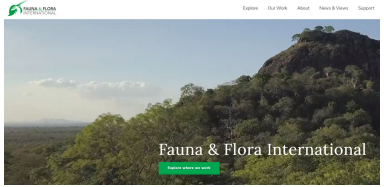
Environment Think Tank



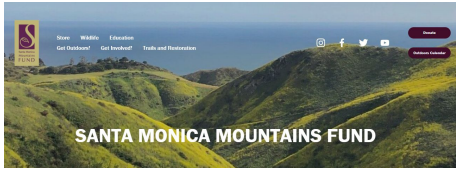


Plant Think Tank

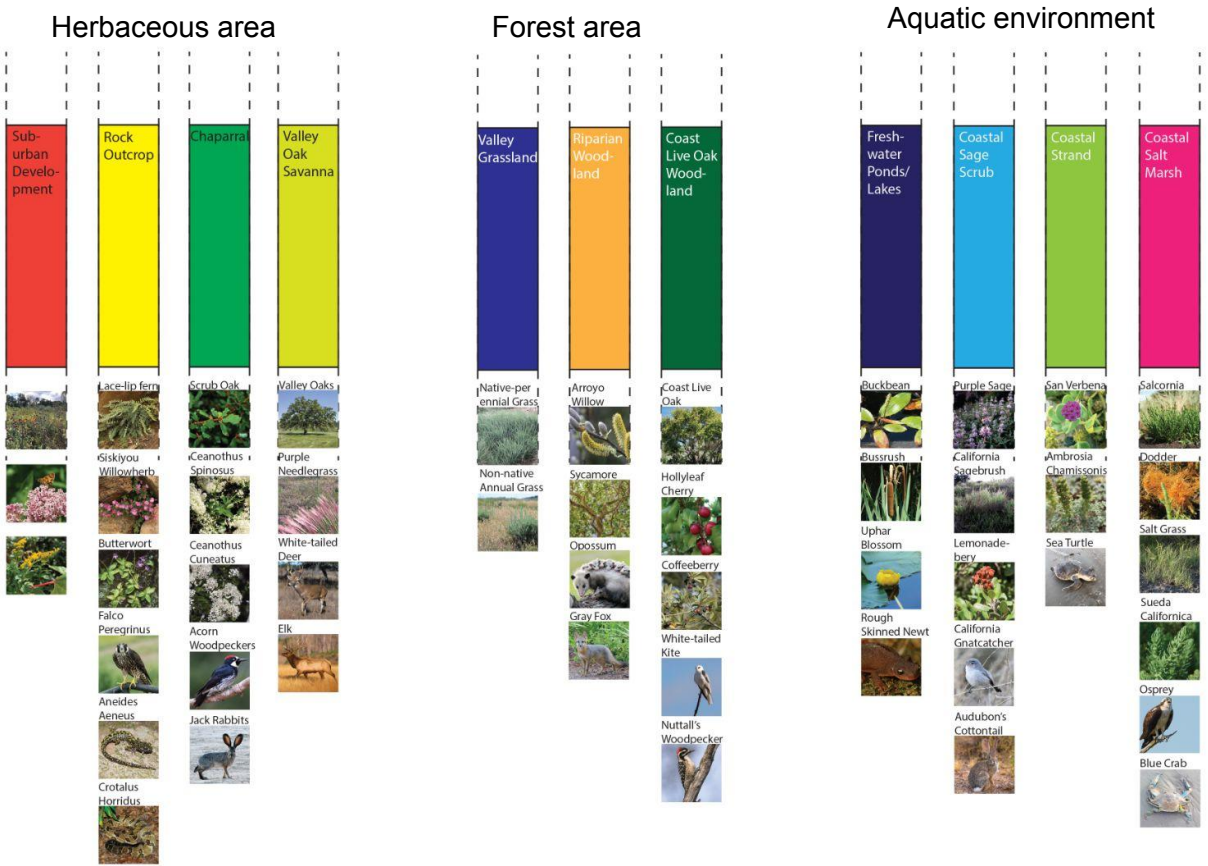




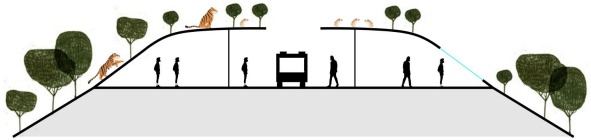
Fund Resource



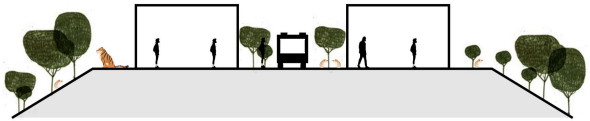
Plants Diagram



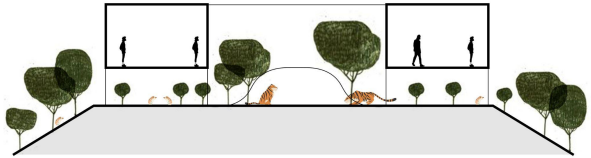
Three Relationships



Wildlife Above People



On the Same Level

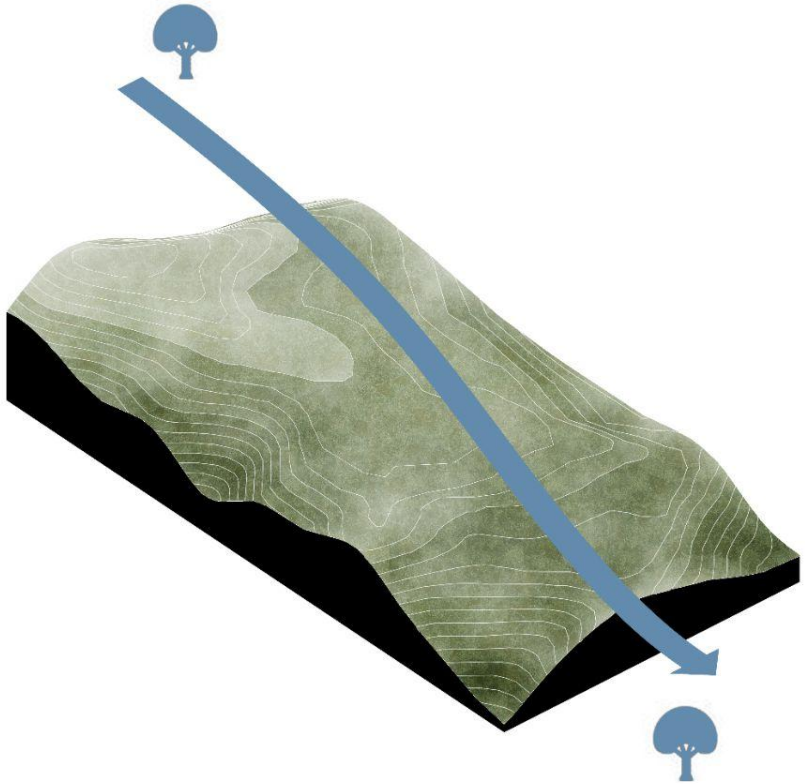


People Above Wildlife

Massing Diagram

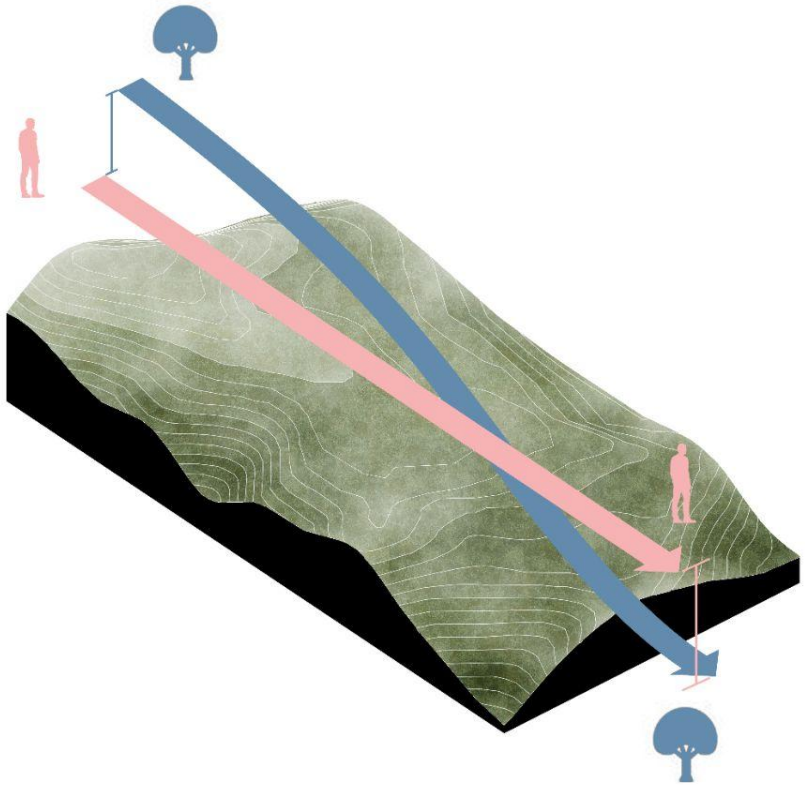
Site Condition

Massing Diagram



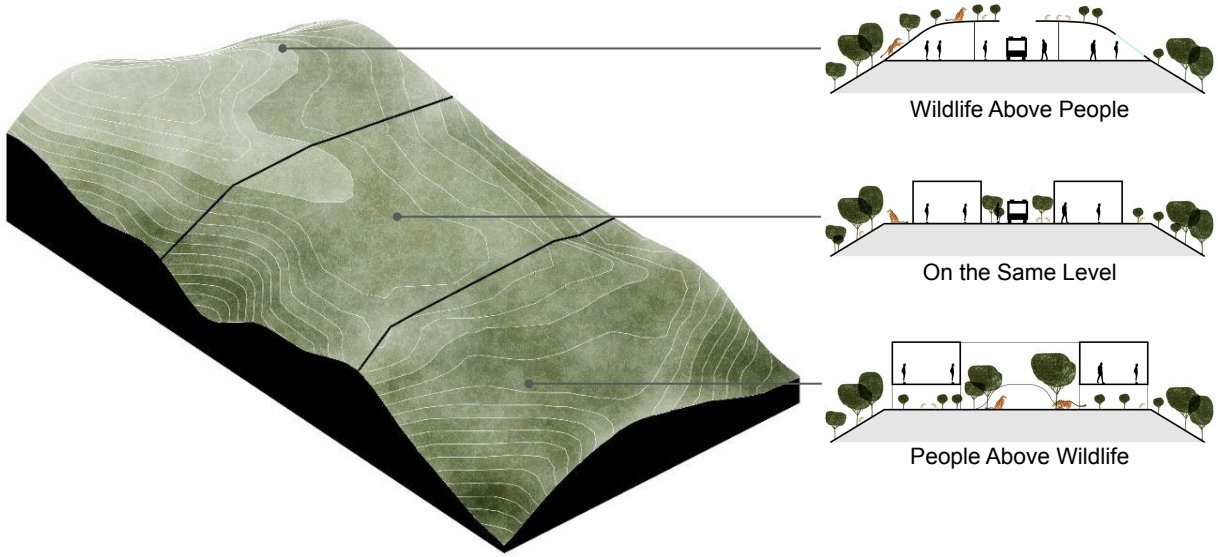
Elevation Change for Wildlife

Massing Diagram



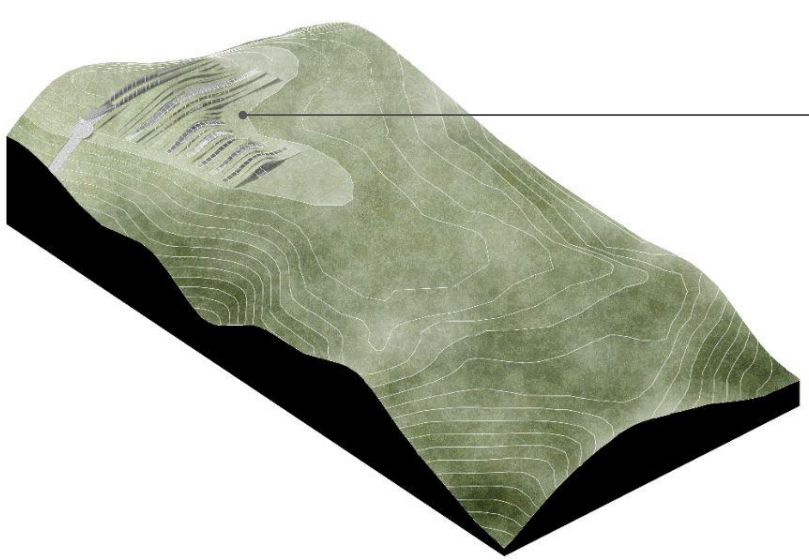
Elevation Change for Human

Massing Diagram



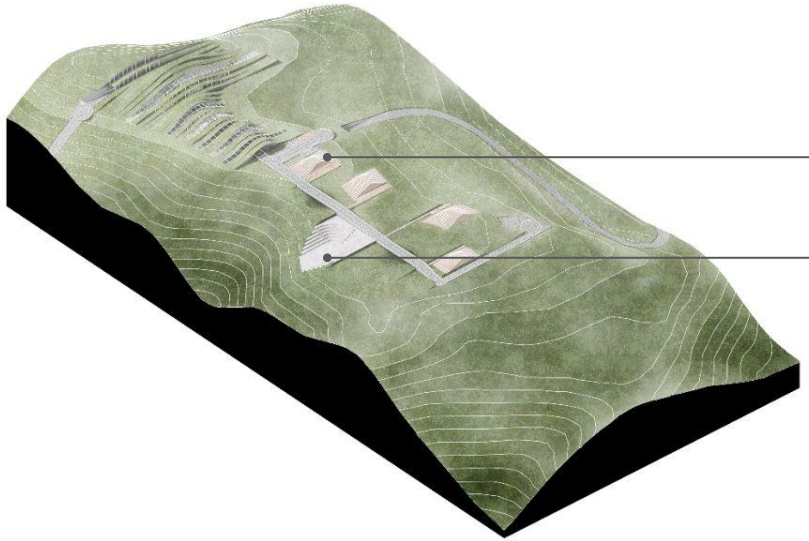
Three Relationships

Massing Diagram



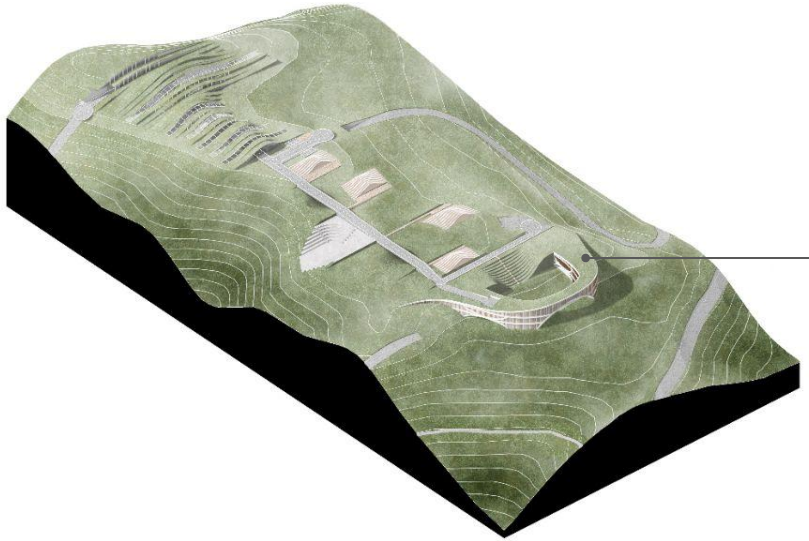
Housing

Massing Diagram



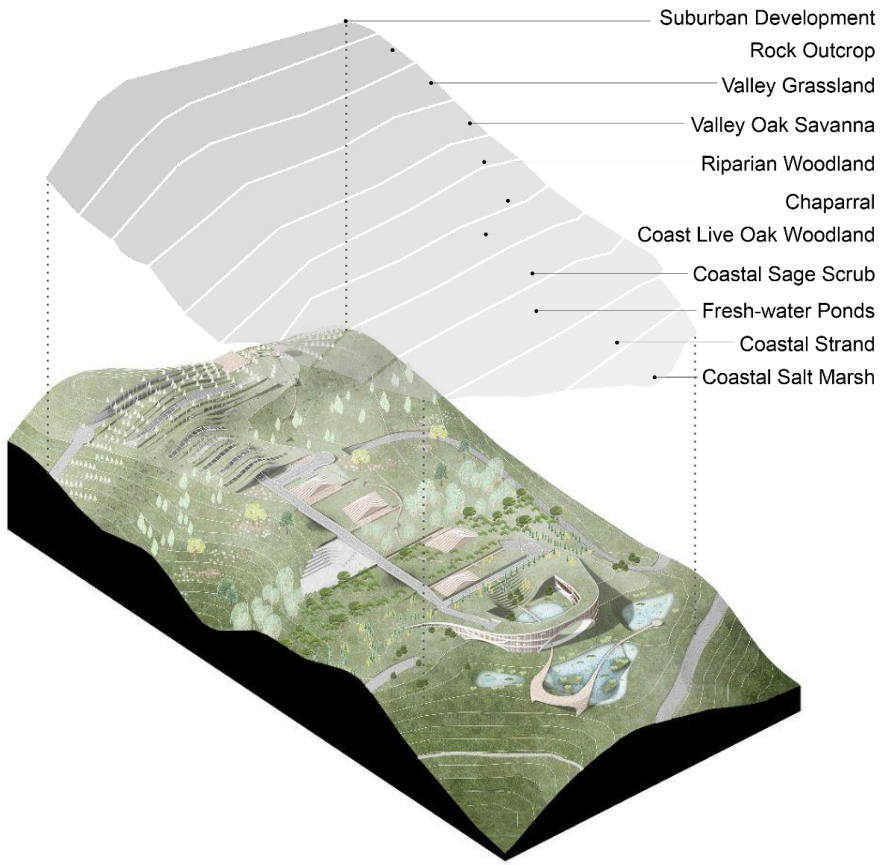
Exhibition and Outdoor Theater

Massing Diagram



Institute

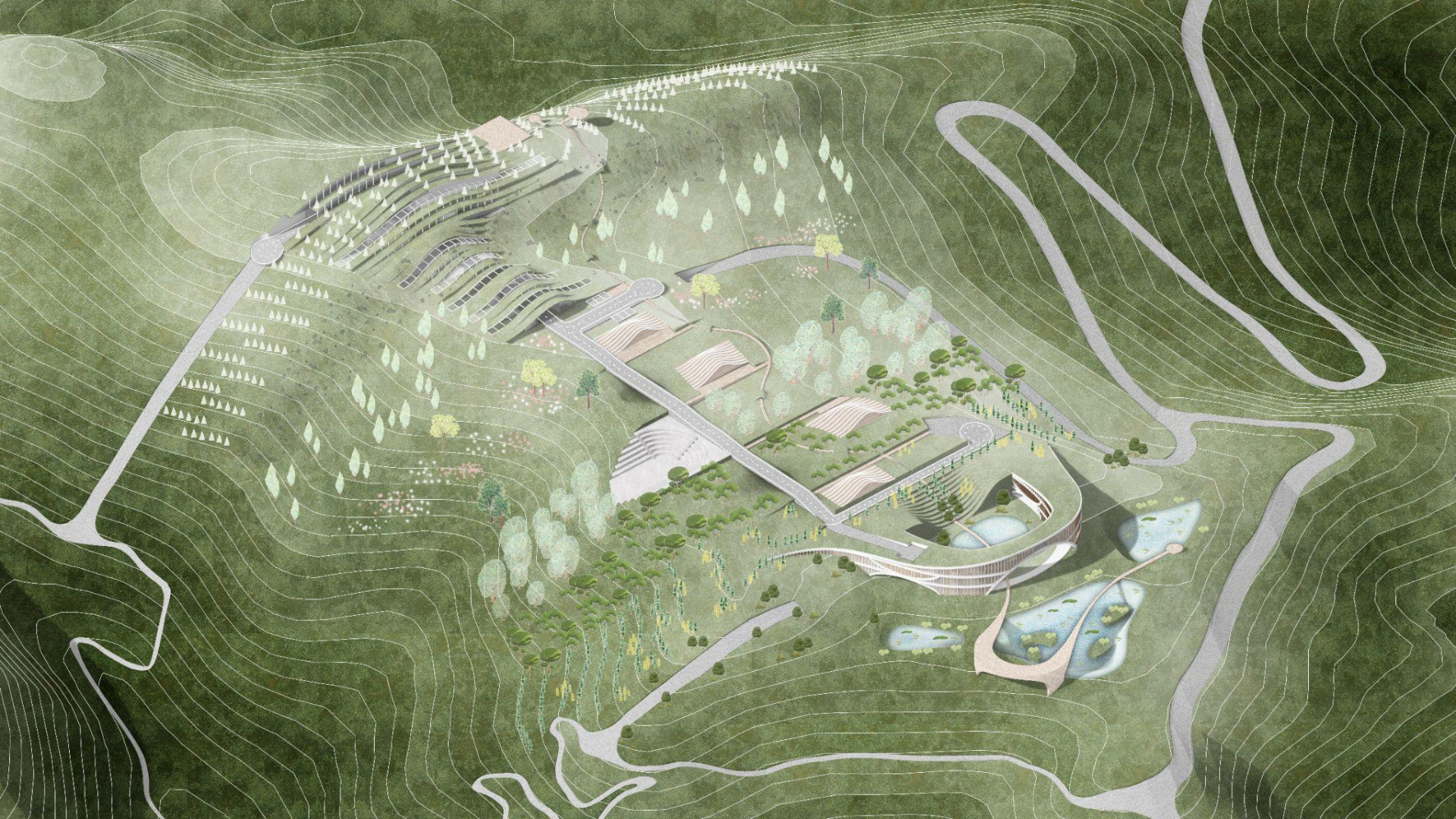
Massing Diagram



Landscape

Site Plan

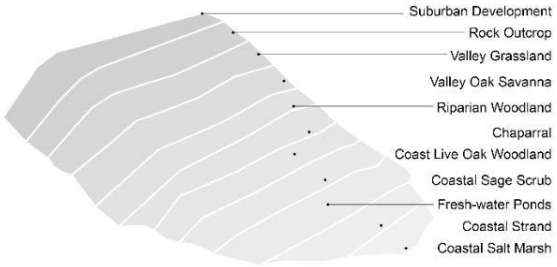

N
0 20 40 100m
Biomass Entrance
Main Entrance
Emergency Entrance



Site Diagram

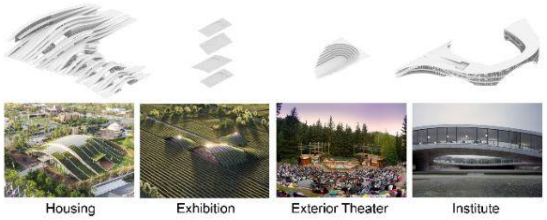
Landscape

In order to exhibit all types of plants in Santa Monica Mountains, we create eleven different environments for differnt plants. In this way, visitors can enjoy all kinds of landscape in this area as they go through the site.



Architecture

Along the long axis of the site, we set housing area, exhibition space, exterior theater and an institute in sequence. Different programs have different architecture prototype, which enriches the relationship between human beings and wildlife.

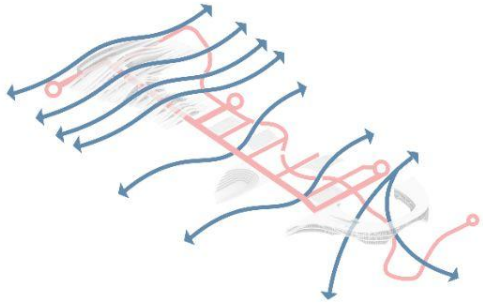


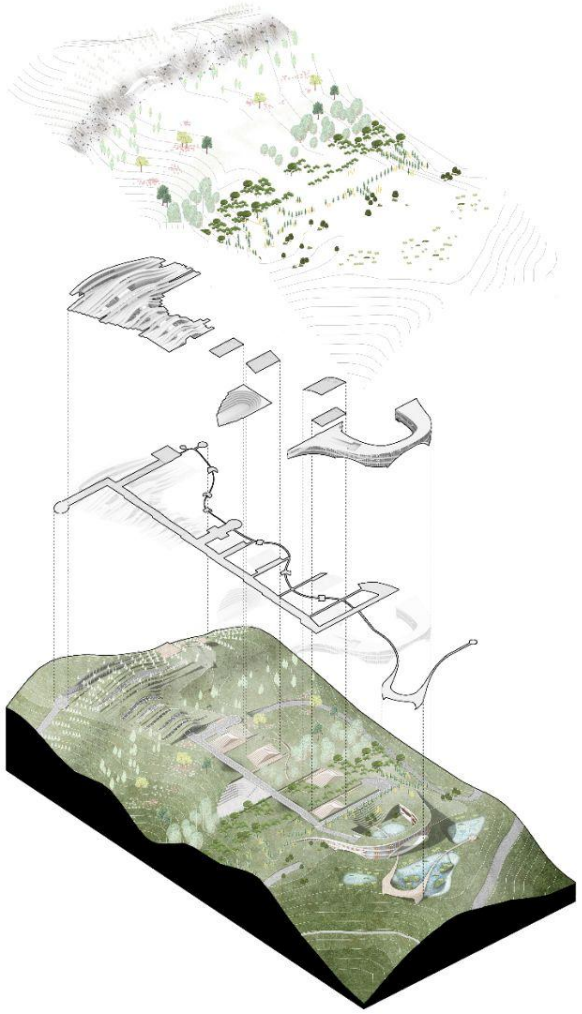
Circulation

We are trying to create spaces for both human beings and animals. Therefore it's important to allow animals cross the site as well as human can have activities.

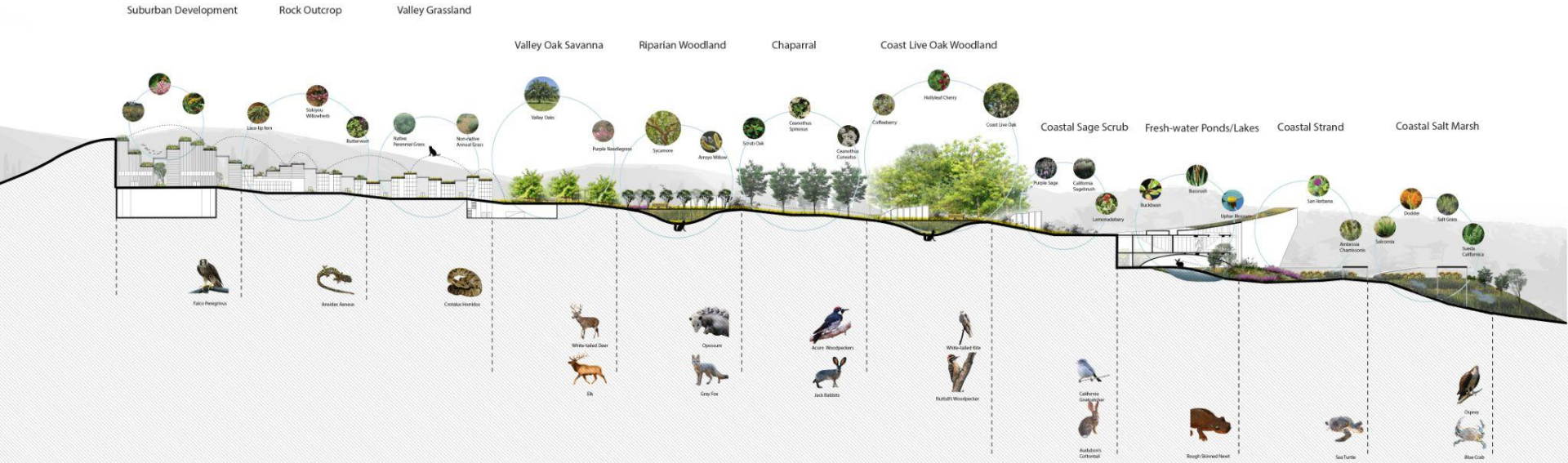
Human Circulation

Animal Circulation

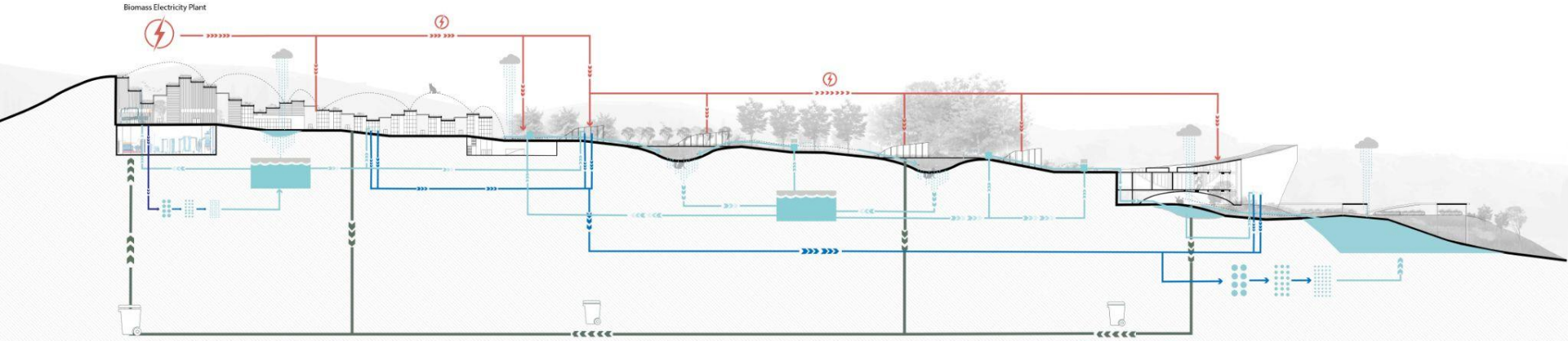




Landscape Section

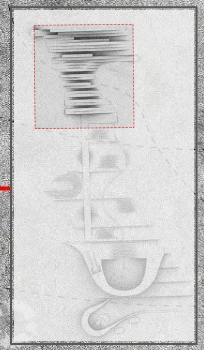


Energy System

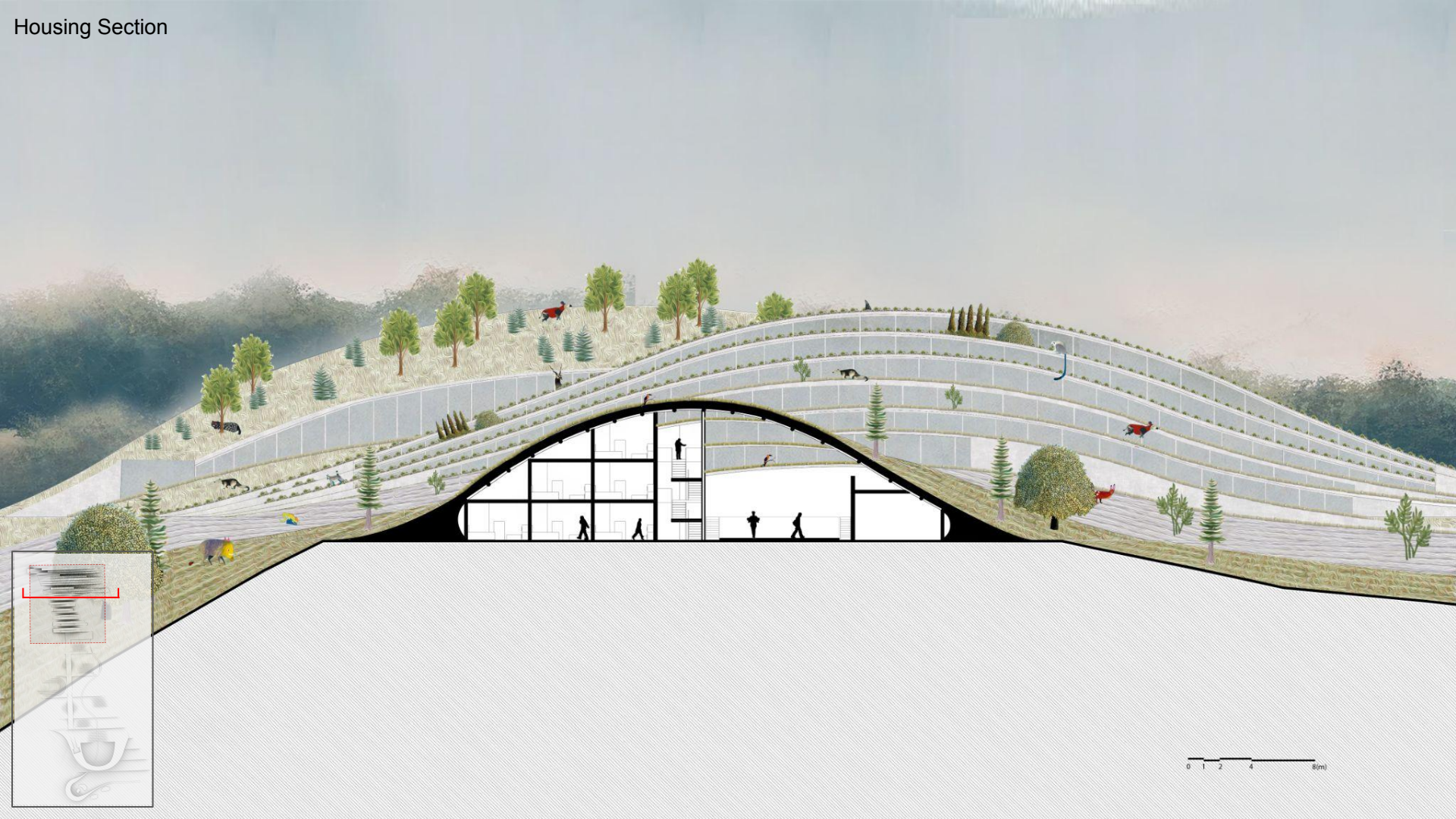


Housing Ground Floor Plan - Human

Housing Ground Floor Plan - Animals

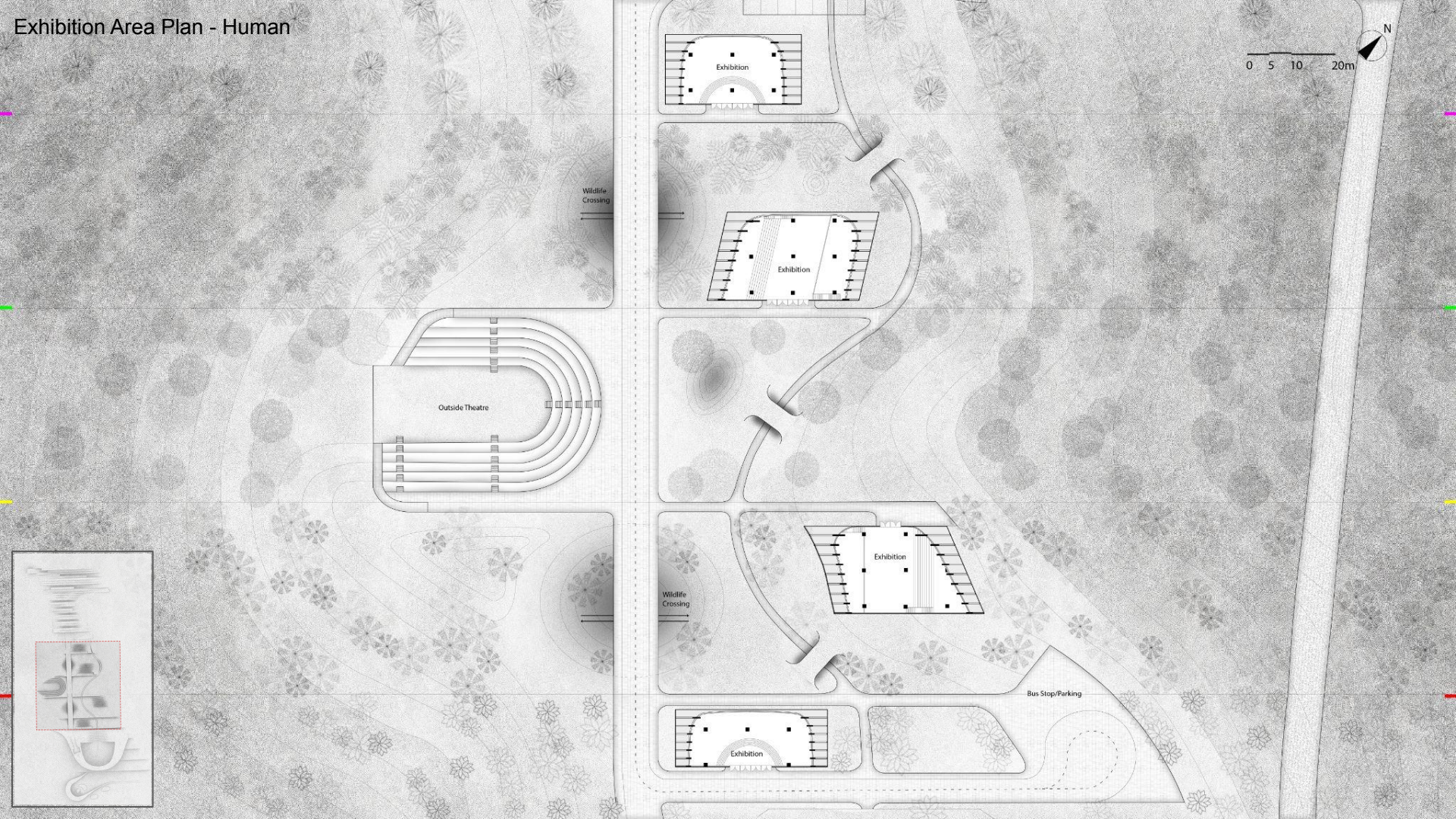


Housing Section

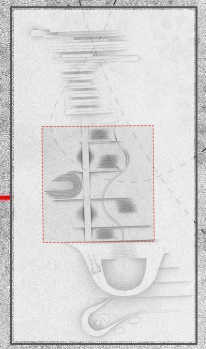


Housing Perspective

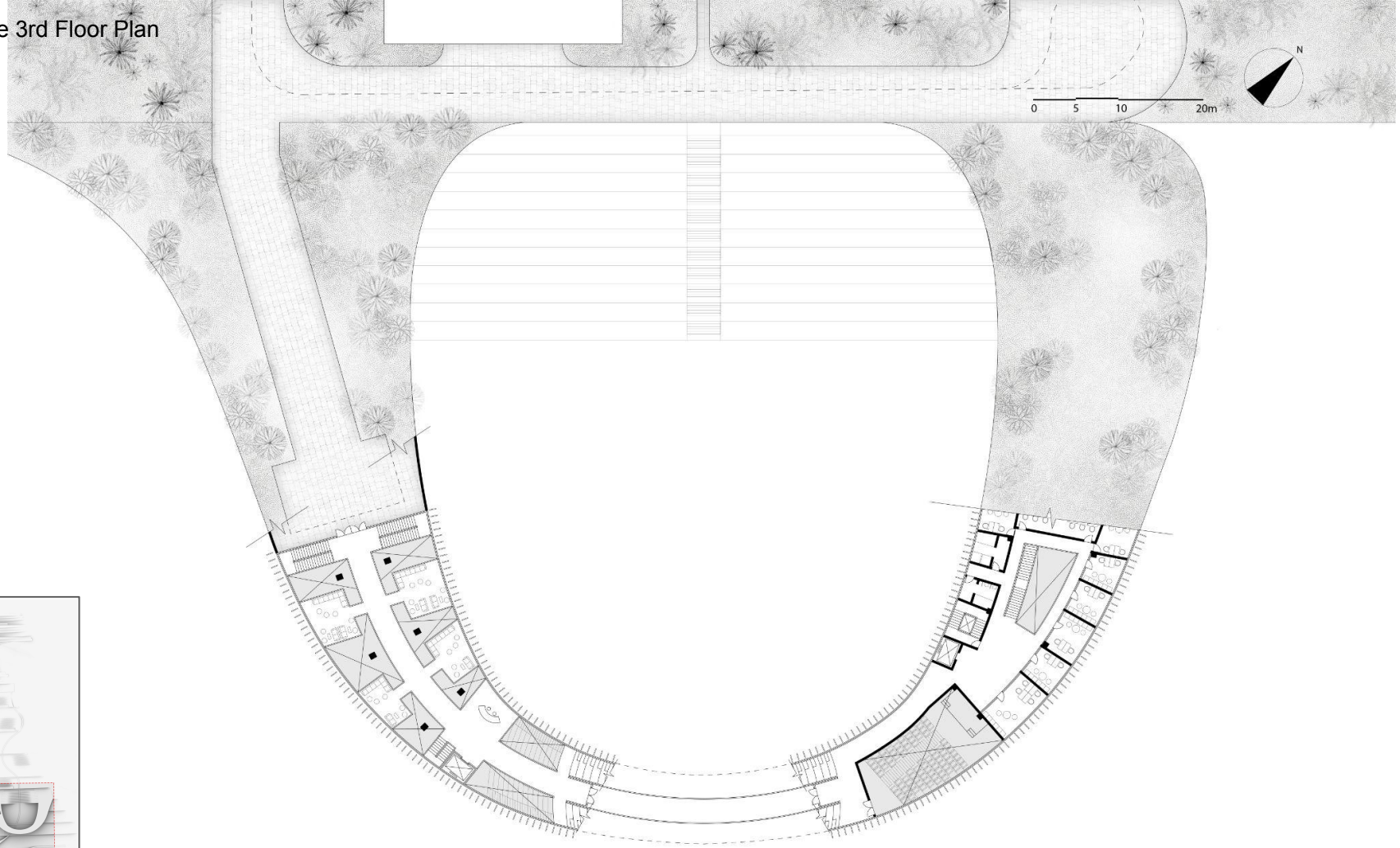
Exhibition Area Plan - Human



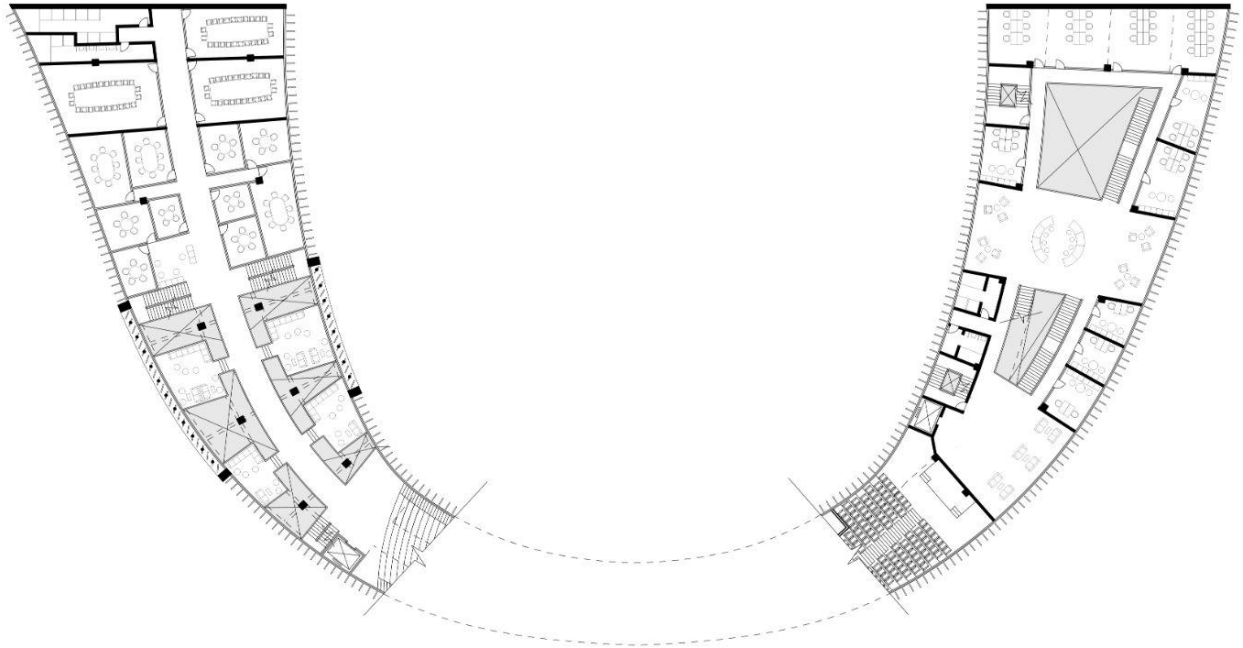
Exhibition Area Plan - Animals



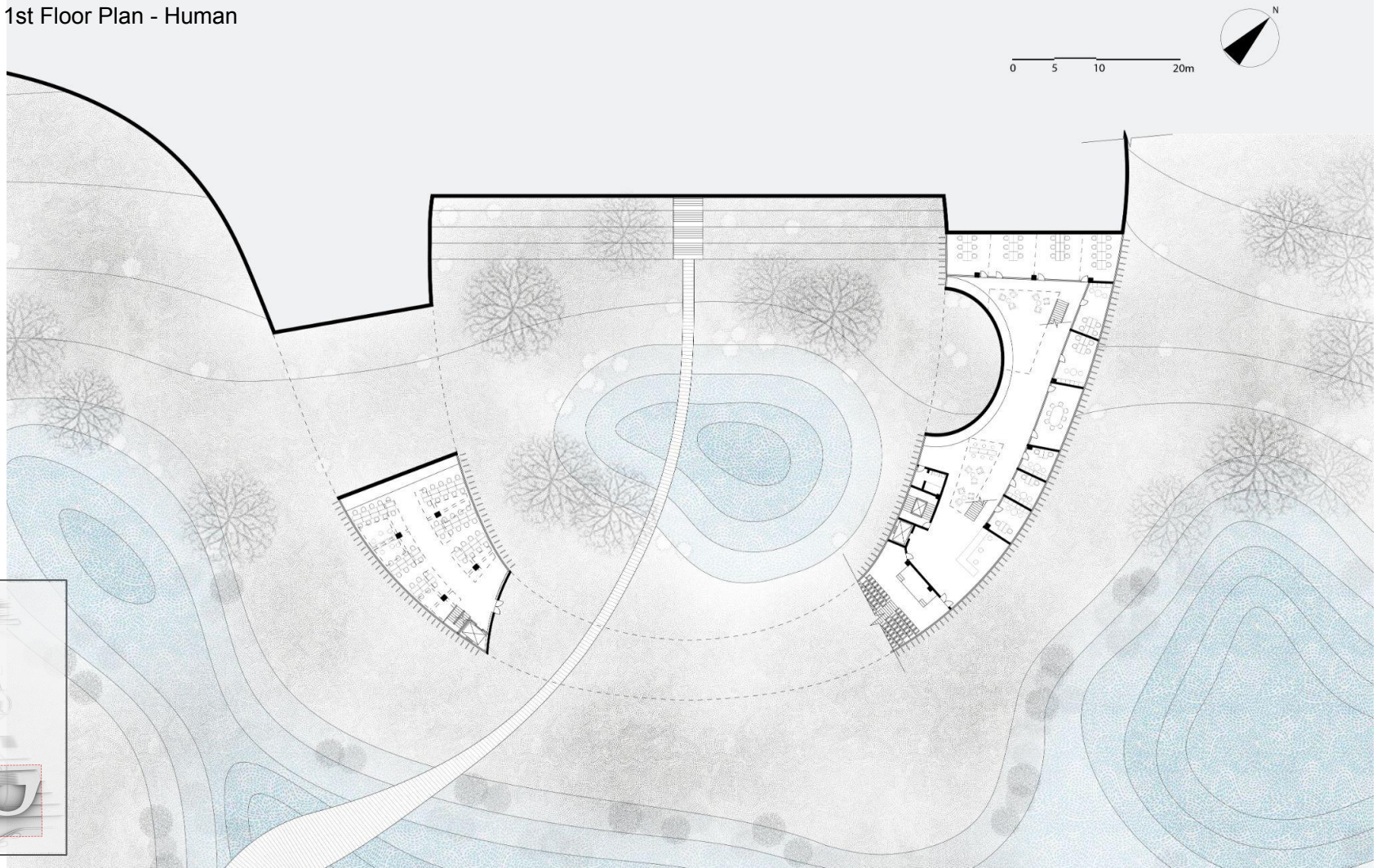
Institute 3rd Floor Plan



Institute 2nd Floor Plan

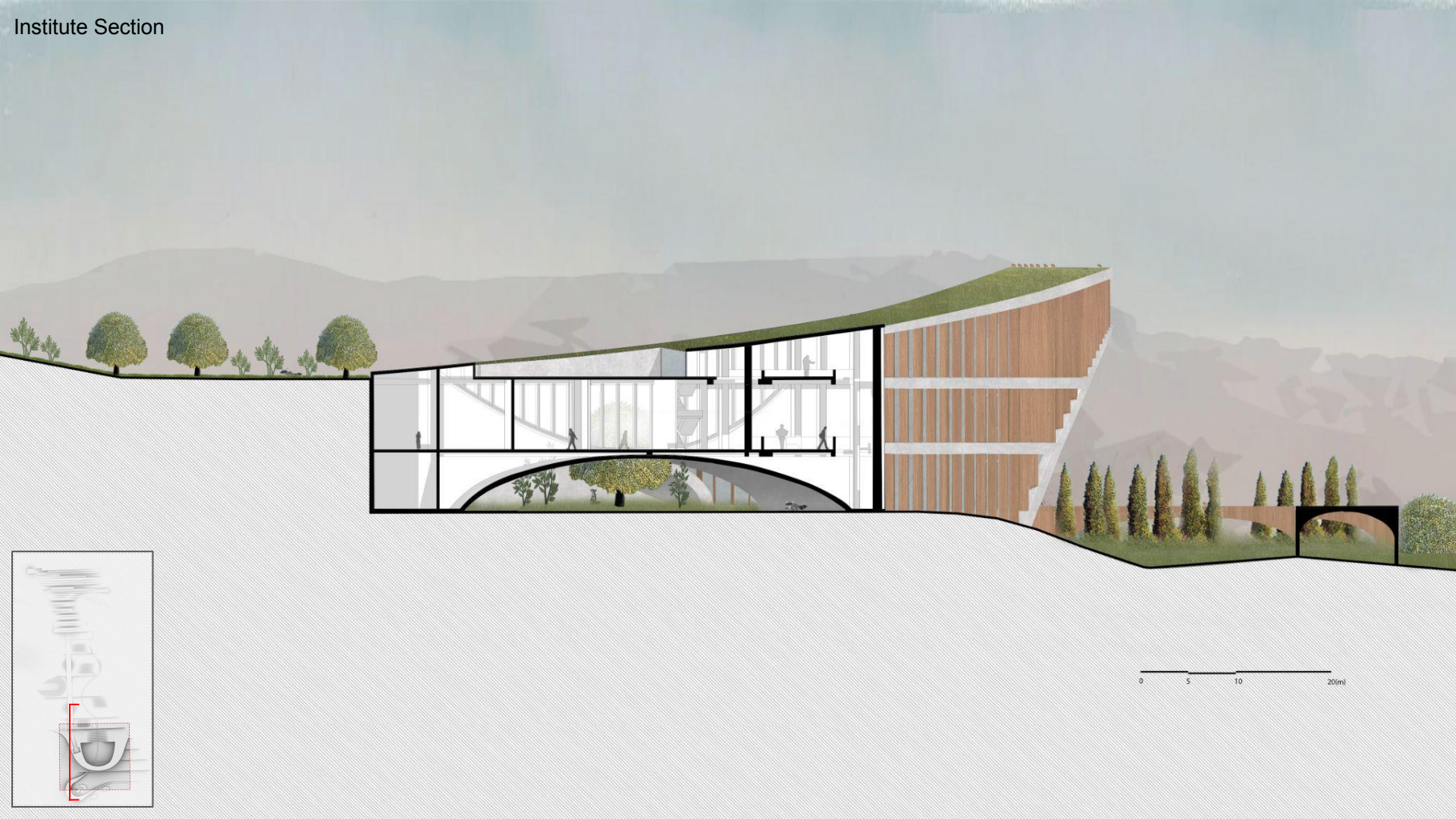


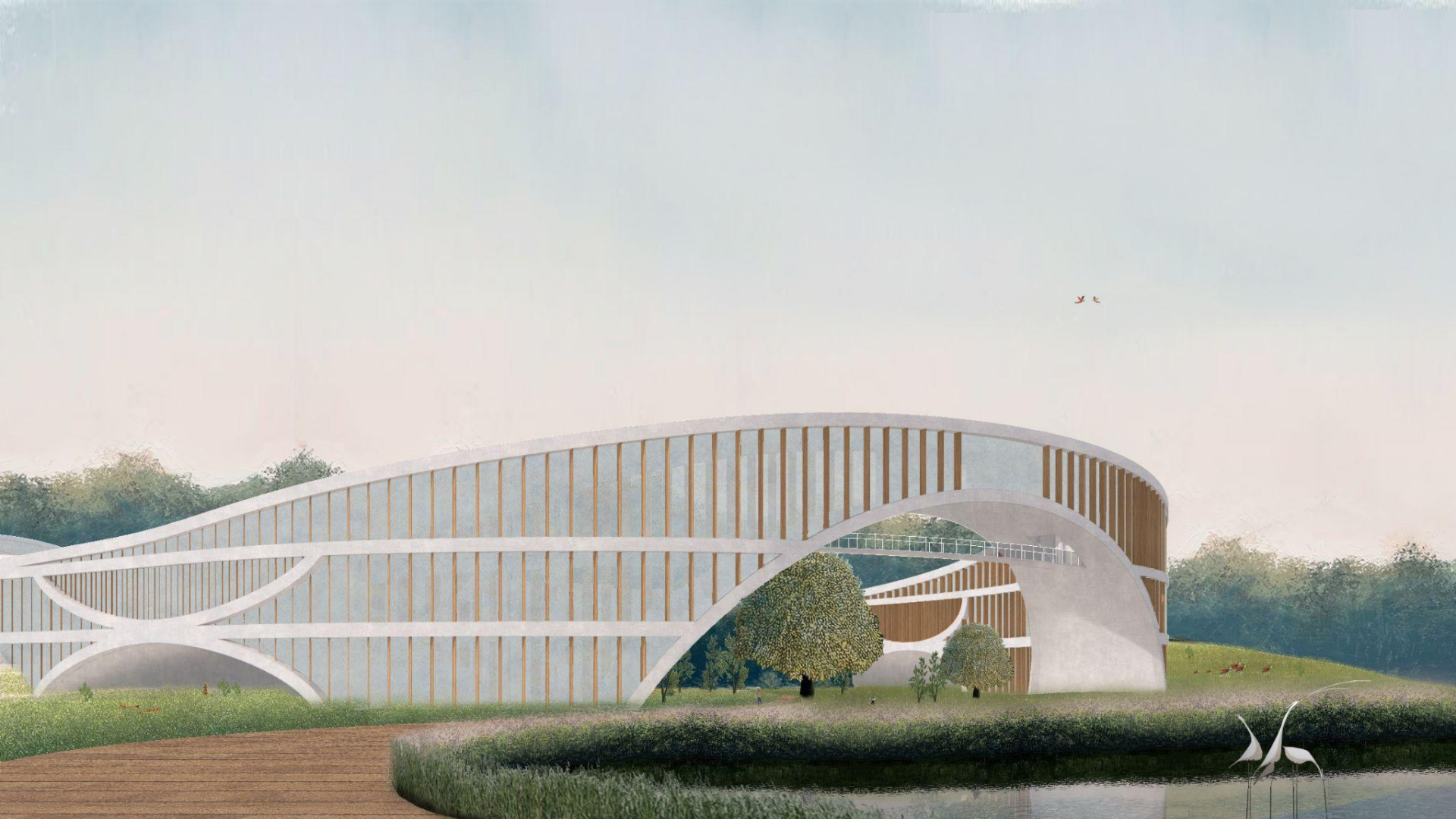
Institute 1st Floor Plan - Human



Institute 1st Floor Plan - Animals

Institute Section





THE END