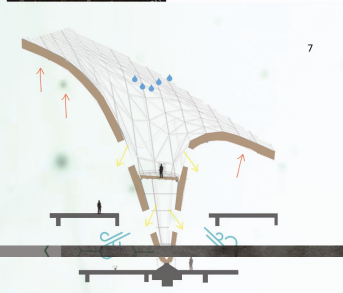
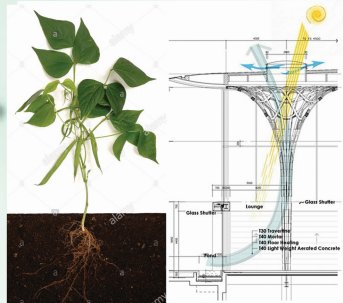
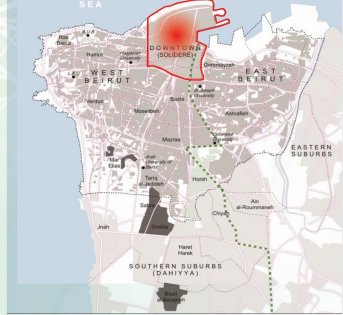
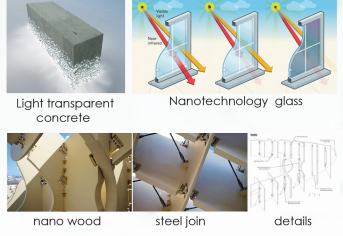


# NANO SCIENCE AND TECHNOLOGY MUSEUM

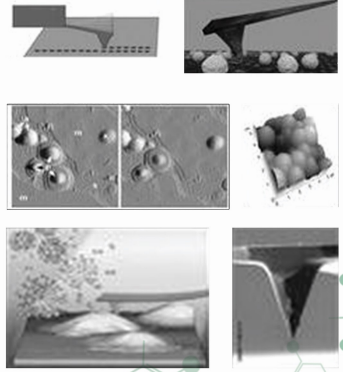
## SITE Plan



## Materials

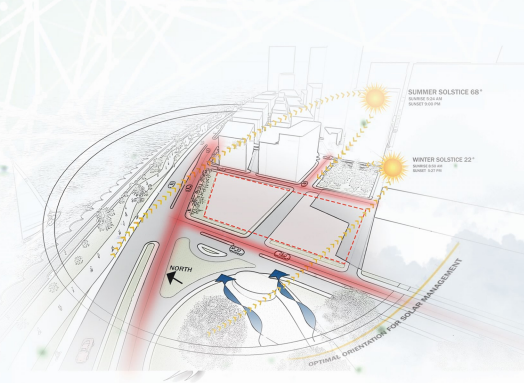


## AMF

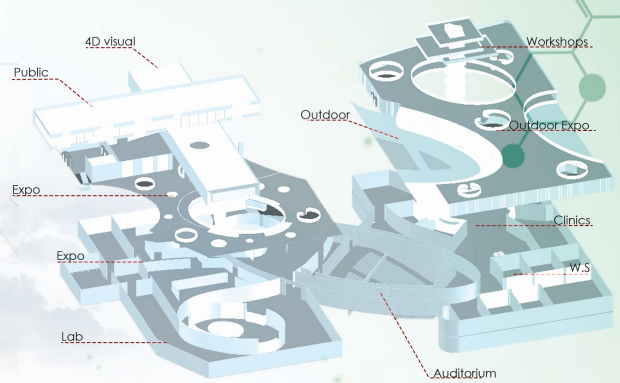


The device consists of a needle passing over the surface to be scanned, the needle is installed on horizontal holder so that the needle is perpendicular to that holder and perpendicular to the surface at the same time, the holder is rising and falling with rising and falling of the needle according to the terrain in the surface, where the needle read the coordinates of the points of the surface to be scanned and give them to the computer to form a three-dimensional surface and zoom it in millions of times. When the needle is approaching from the sample surface, a force between the needle head and the surface of the sample is generated and this leads to a deviation of arm and read the surface.

## SITE Analysis



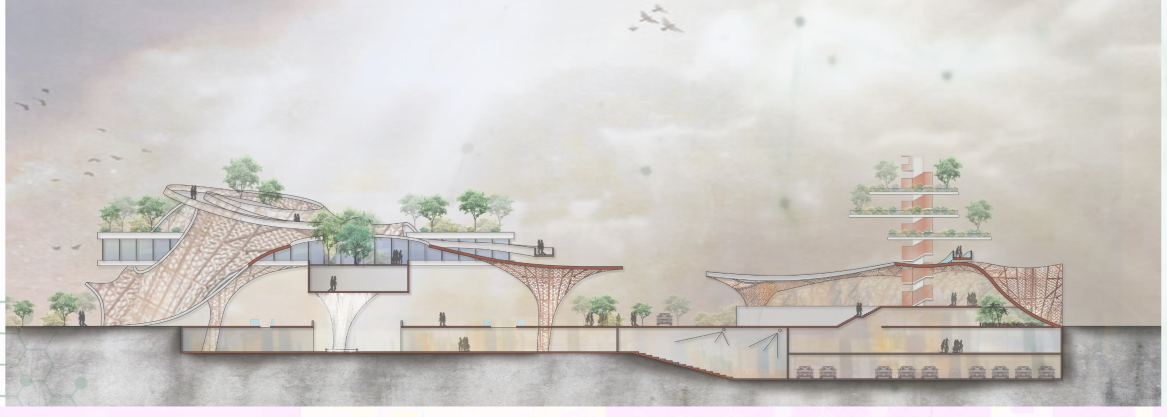
## Program



## Conceptual 3d



## Conceptual Section



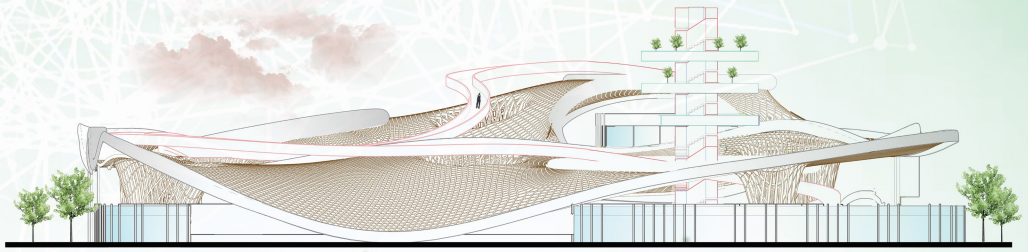
## Generation design idea

The basis of the design idea is the (AFM), there will be a contact between the (AFM) device and the surface of the sample. Where the Earth's surface is the surface of the sample and the blocks above the ground is the scanning device.

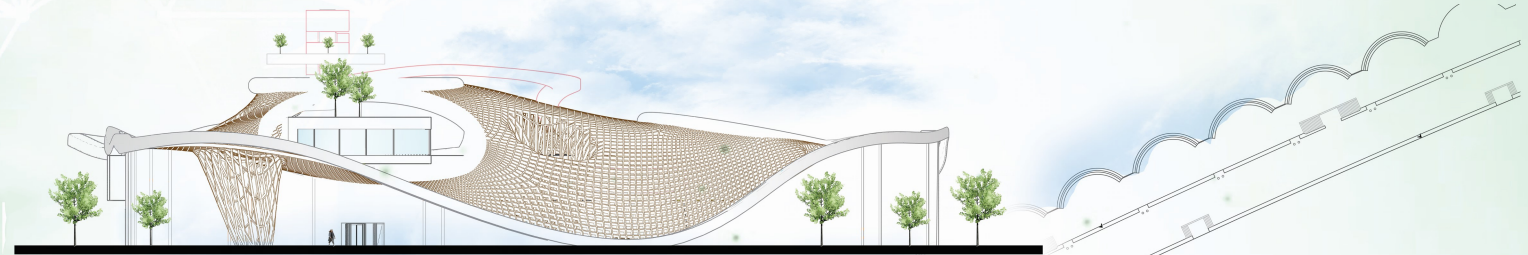
In order to simulate the forms of scanned surfaces and get similar forms on the ground surface of the project, Laboratories placed underground to get the topography of the earth surface by natural skylight as shaped circle, and making a big hole with a circular shape for getting topography where there's a tip descends in the middle of the hole. The building is consists of 2 boxes each box represents the on the surface of the sample in a particular position.







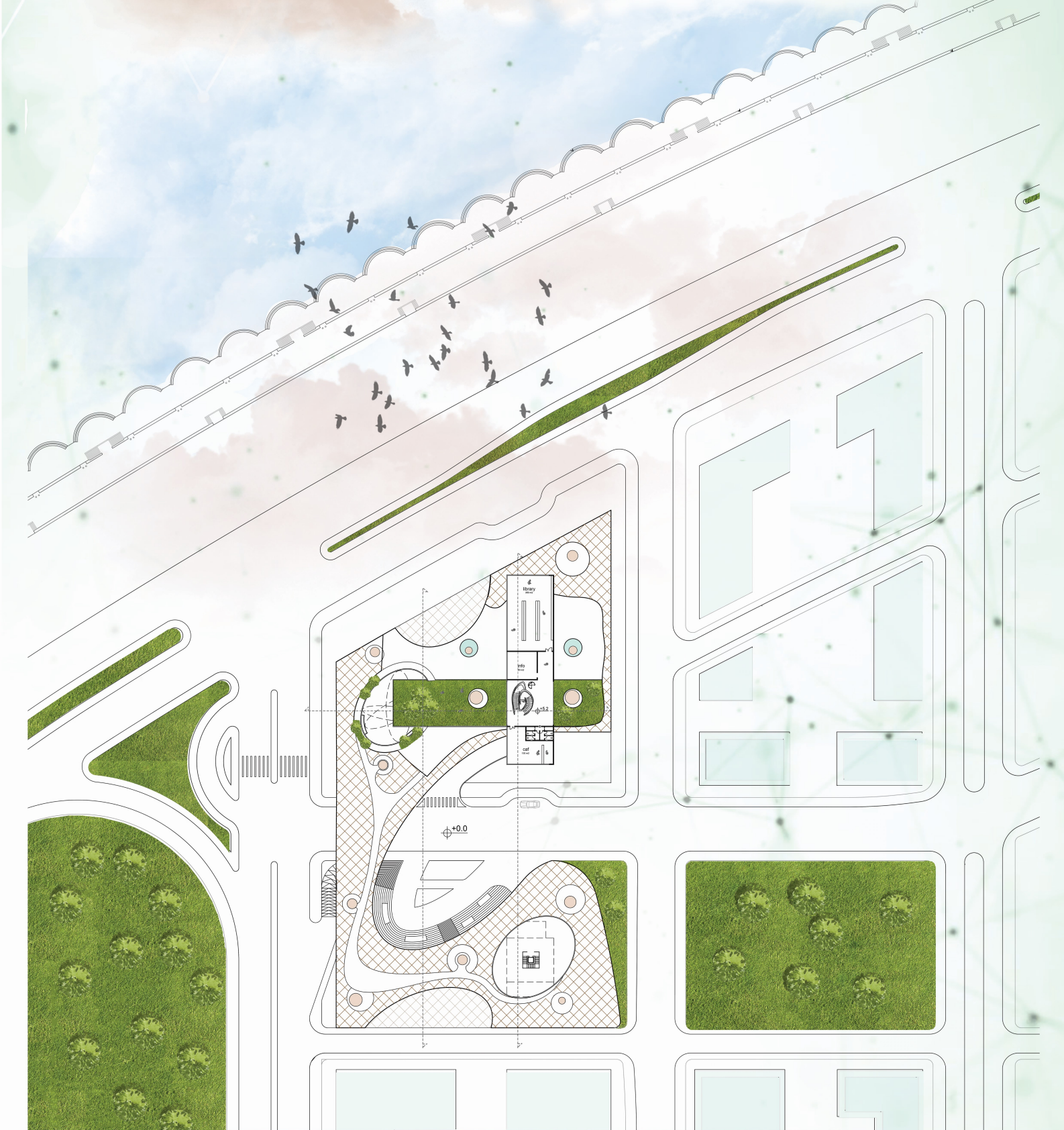
Elevation sud Scale 1/200



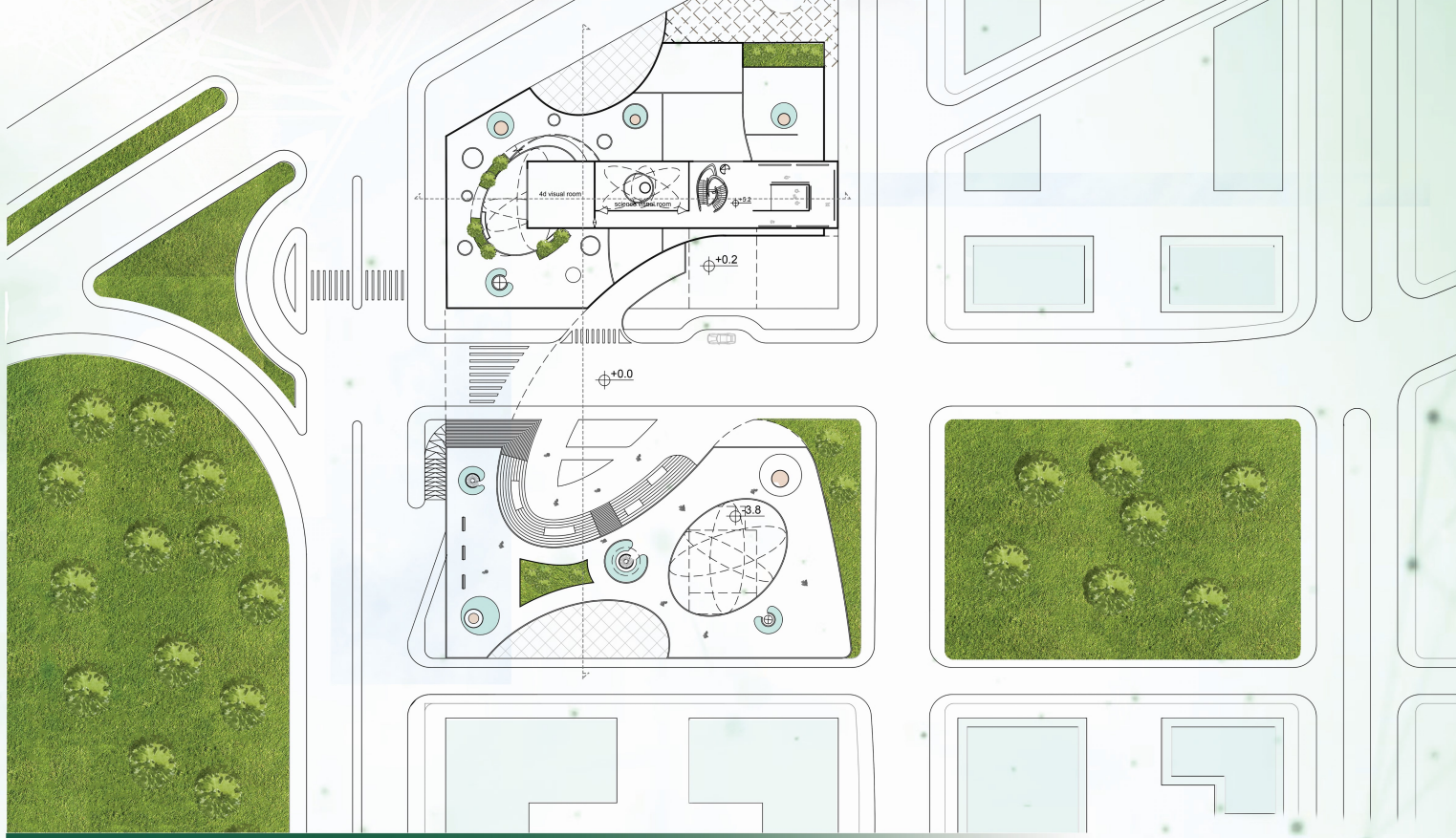
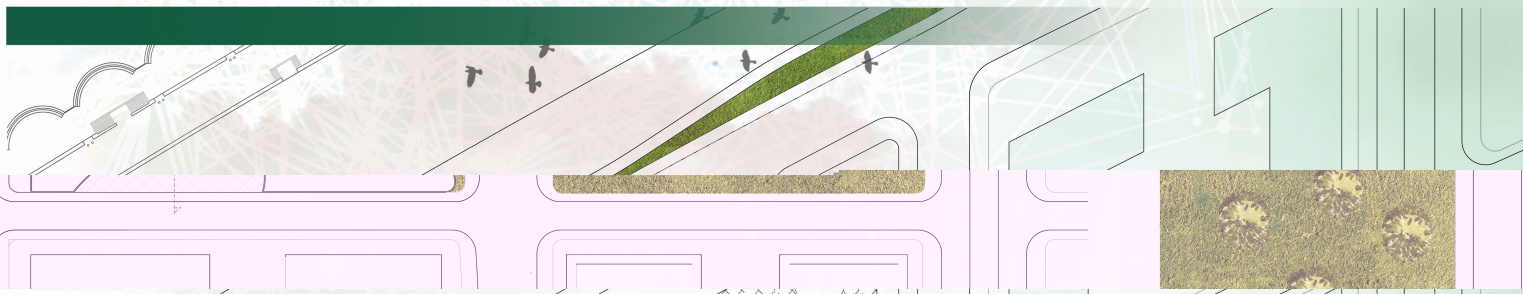
Elevation nord Scale 1/200



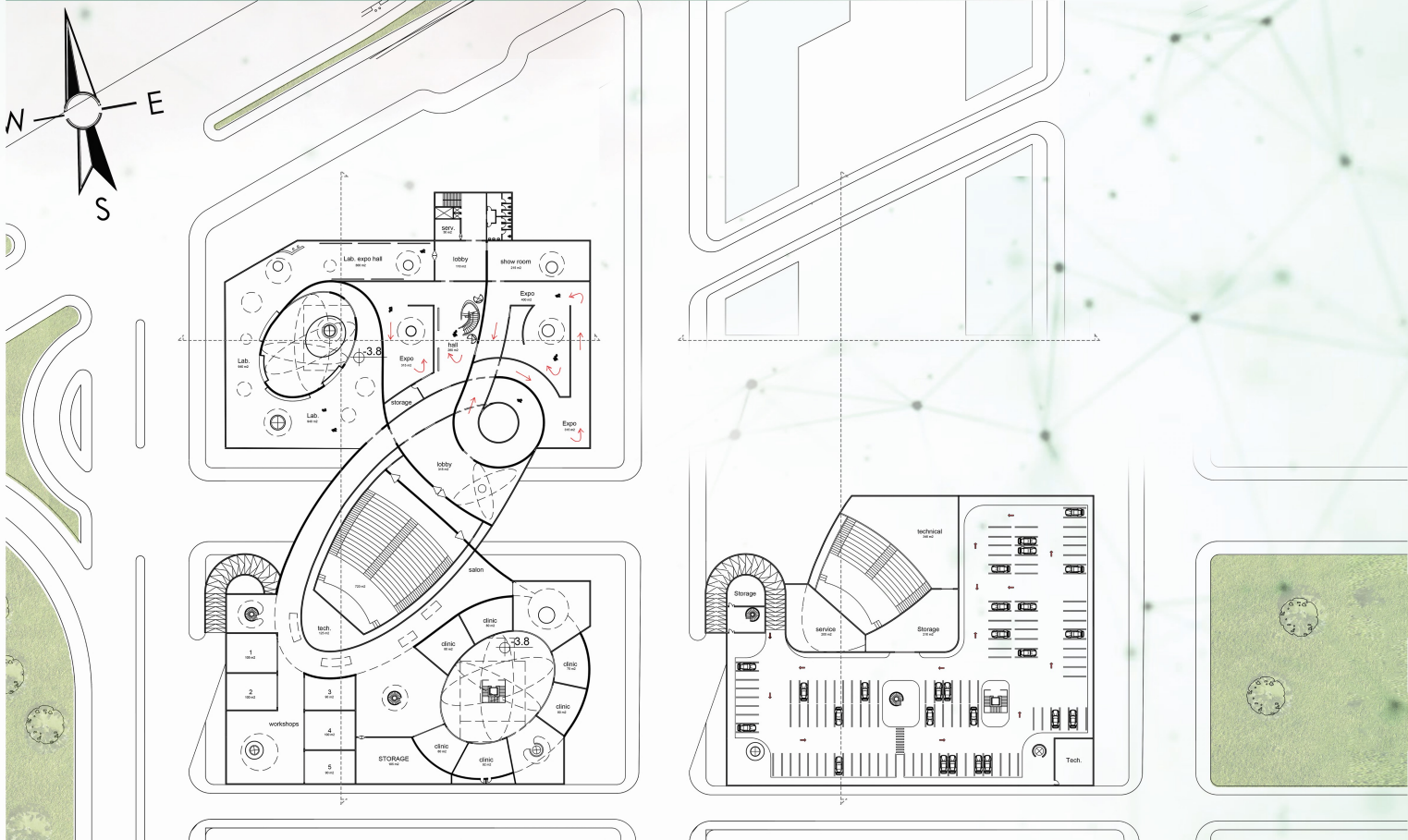
Ground floor scale 1/400



Ground floor scale 1/400



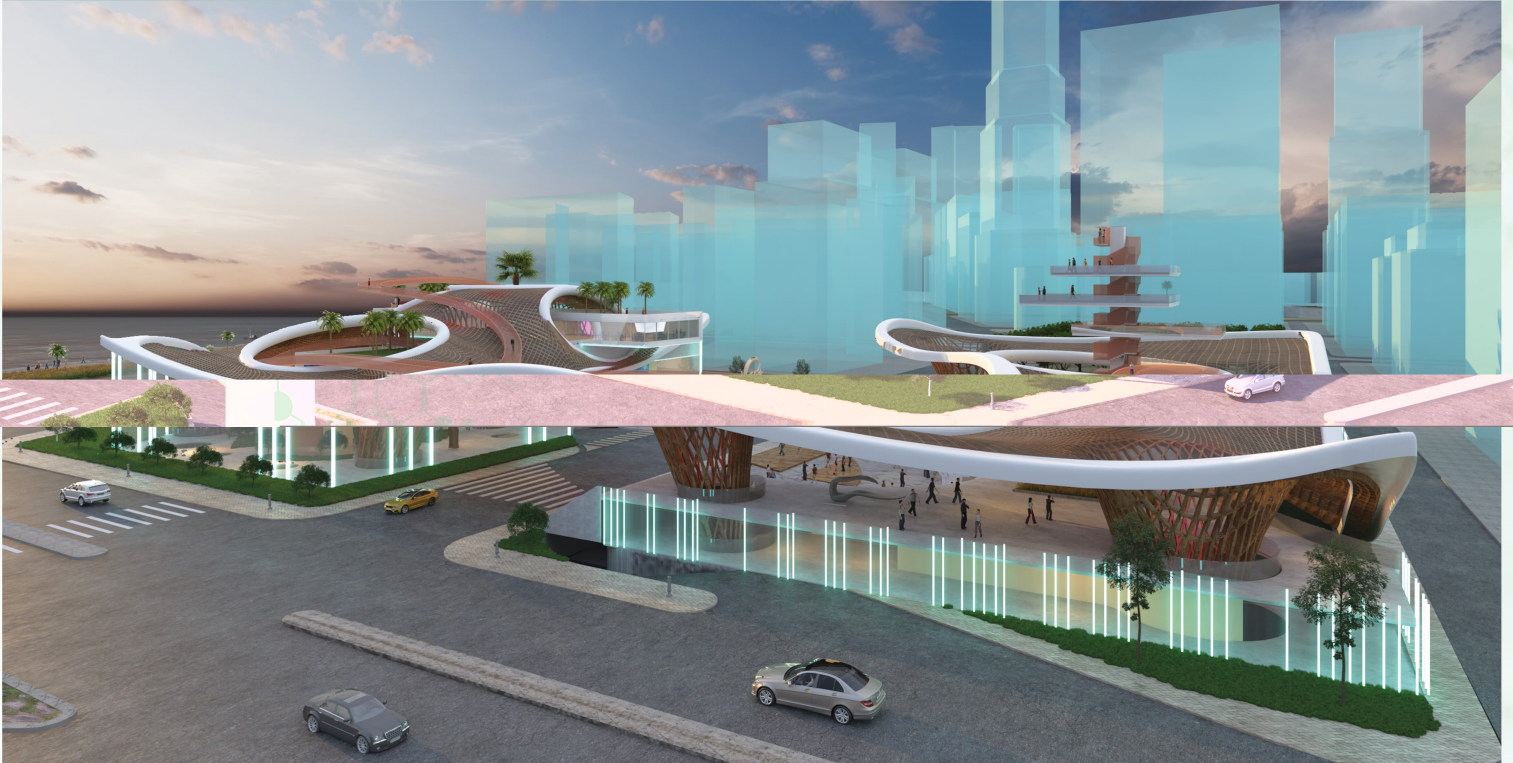
second floor scale 1/400



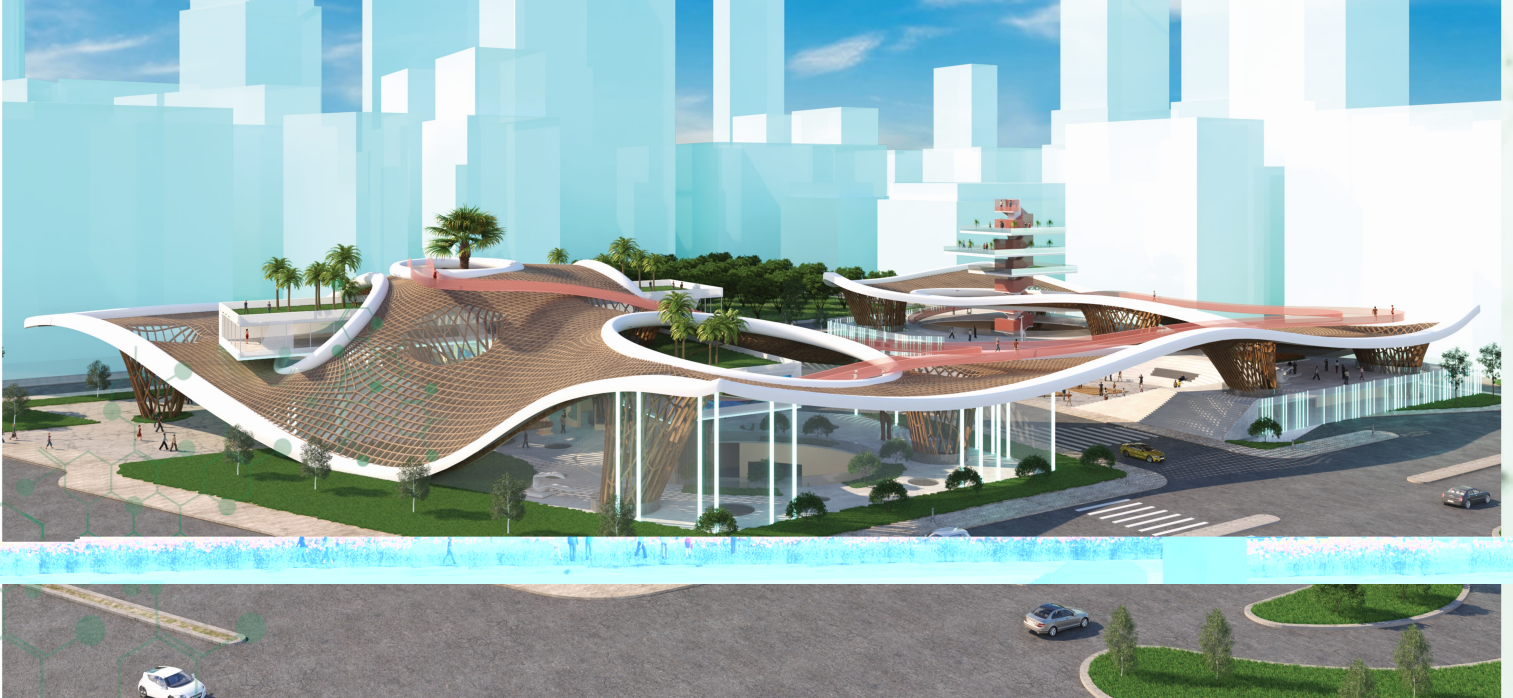
Night view



VIEW 1



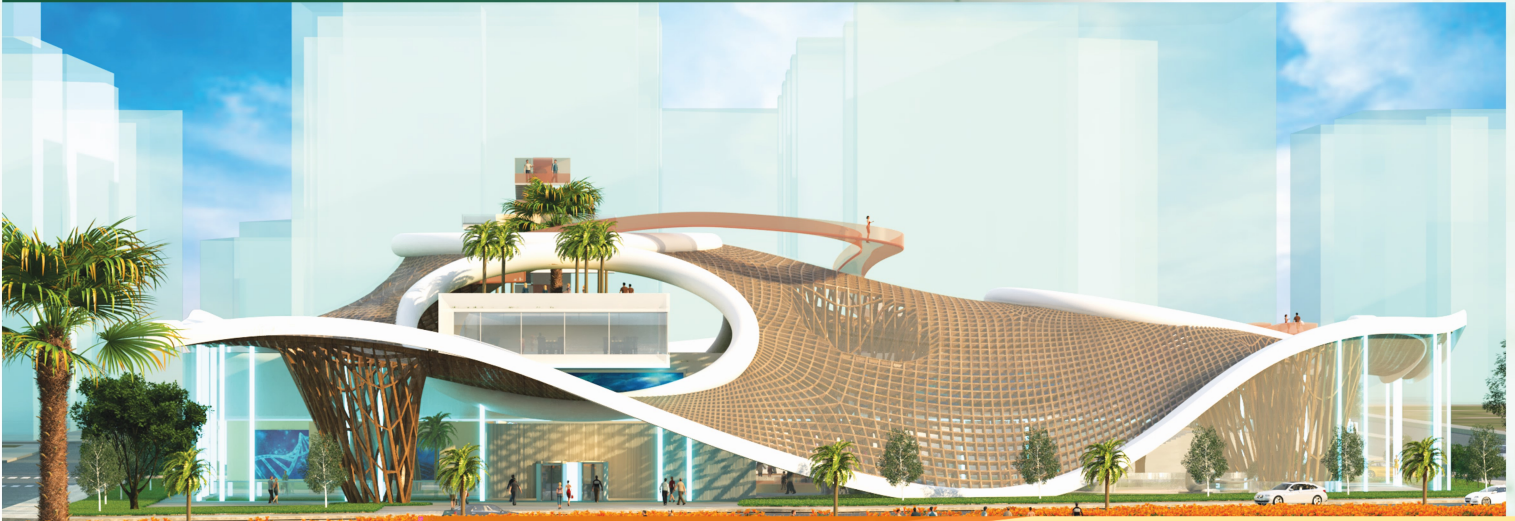
VIEW 2



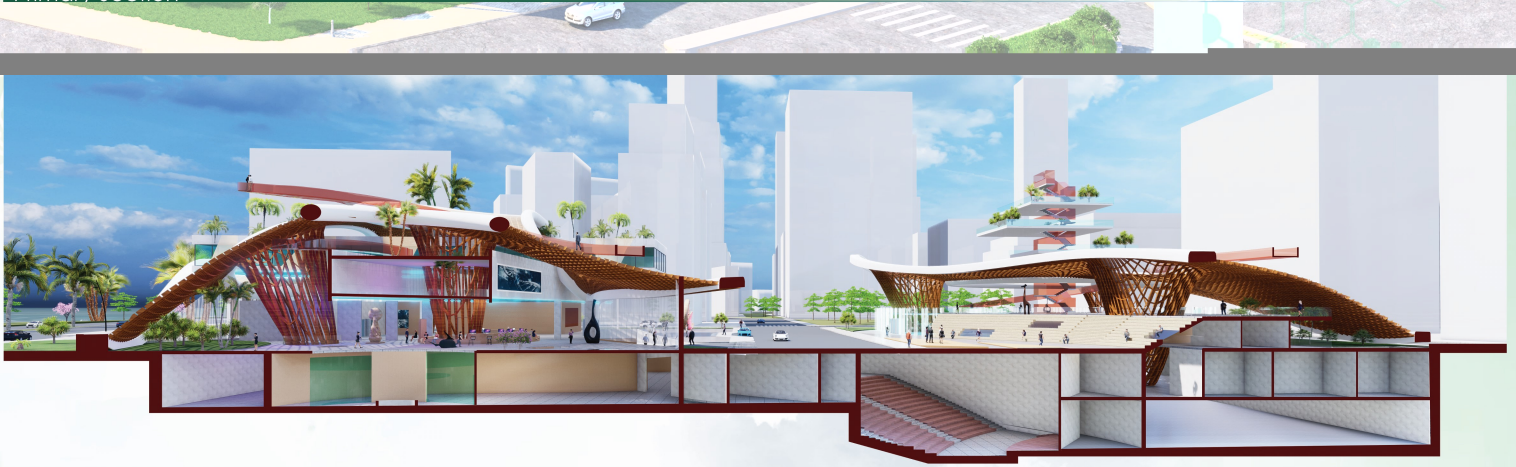
VIEWS



Elevation view



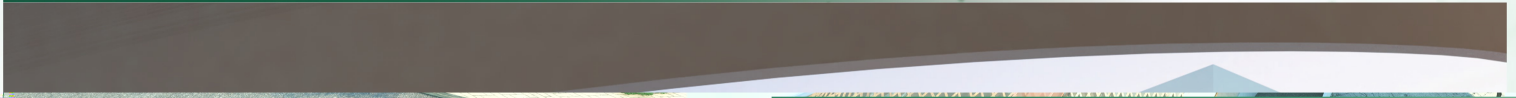
Primary Section



Secondary Section



Outdoor View



Elevation view

