

## City Forest

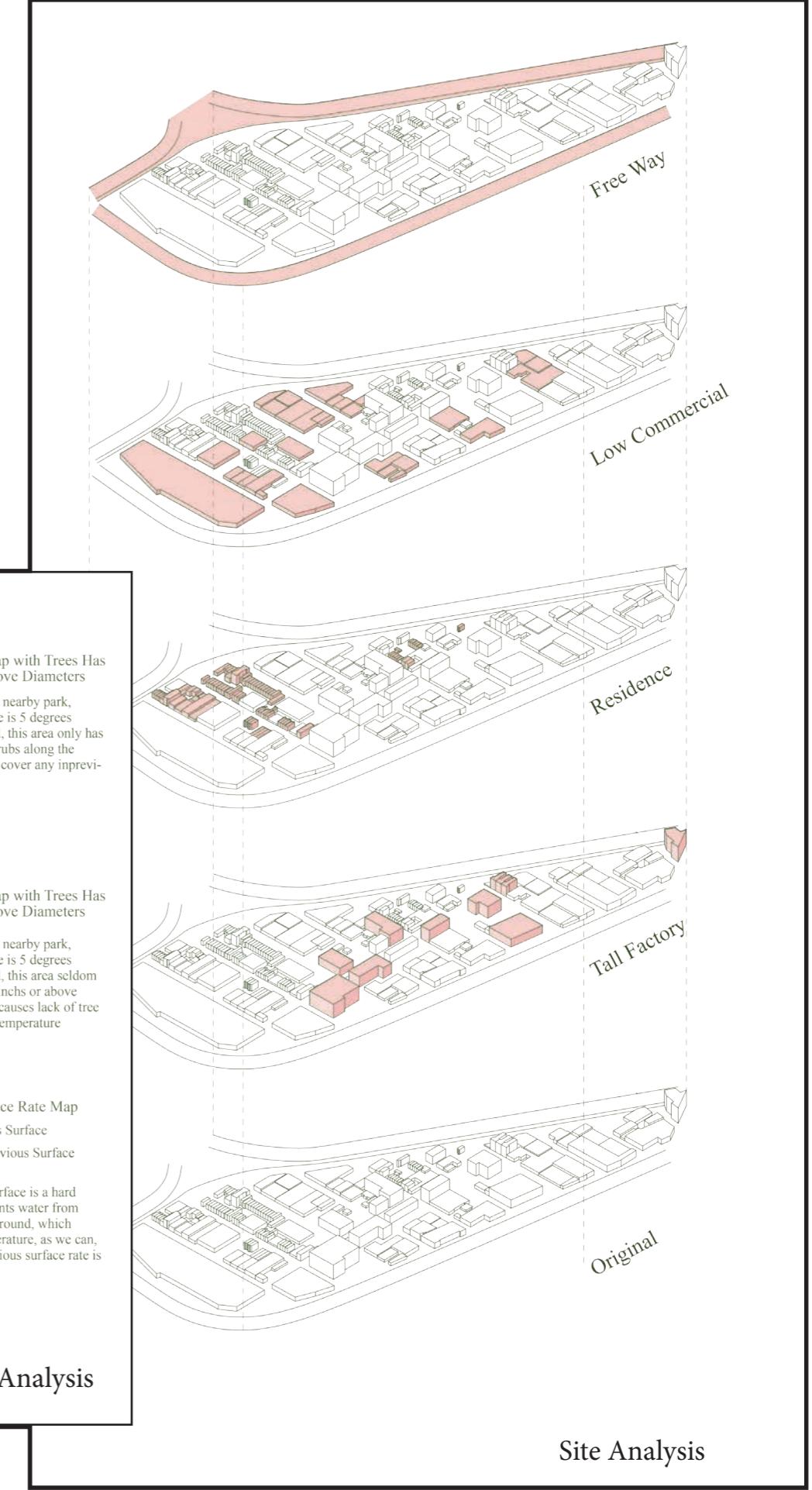
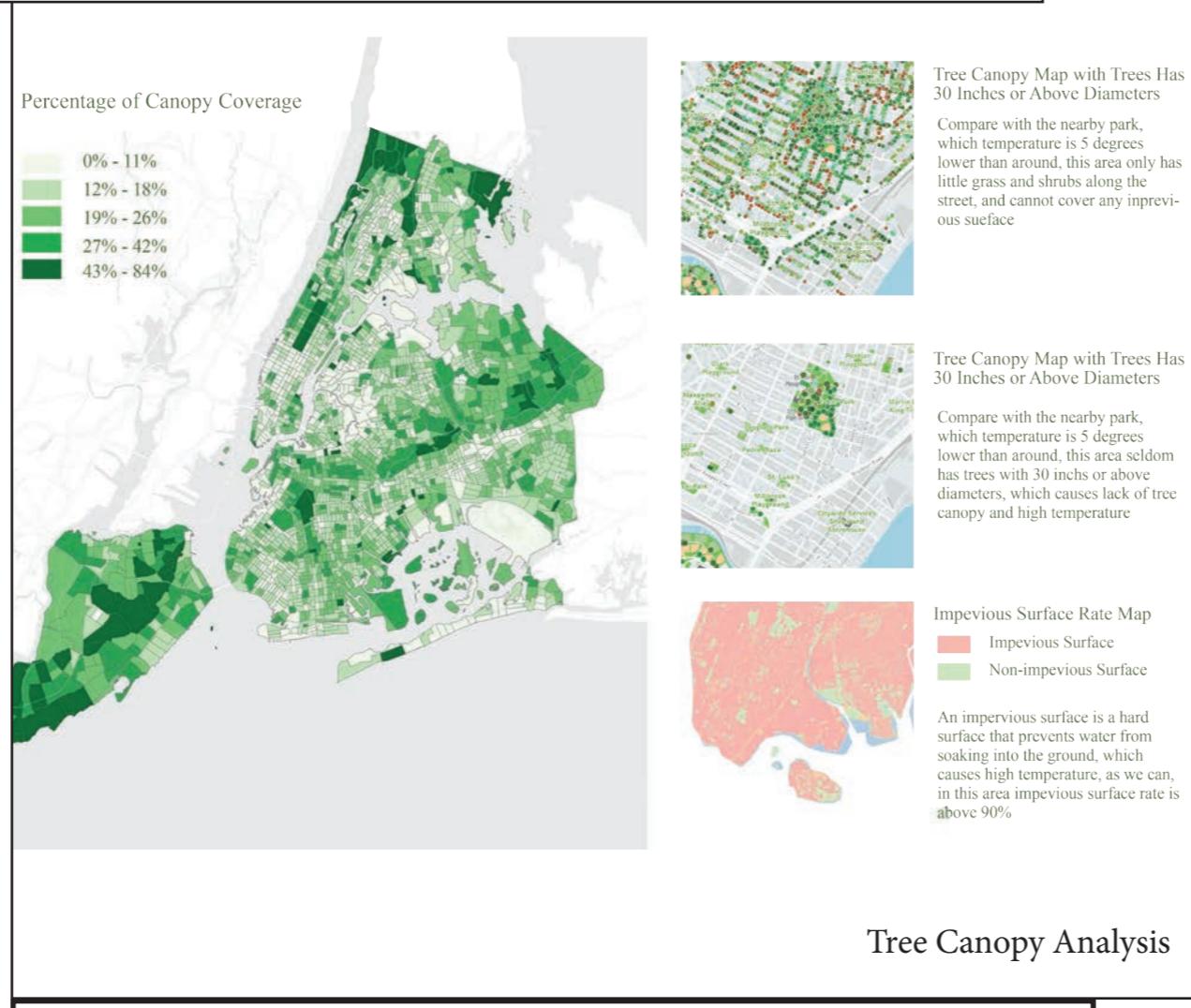
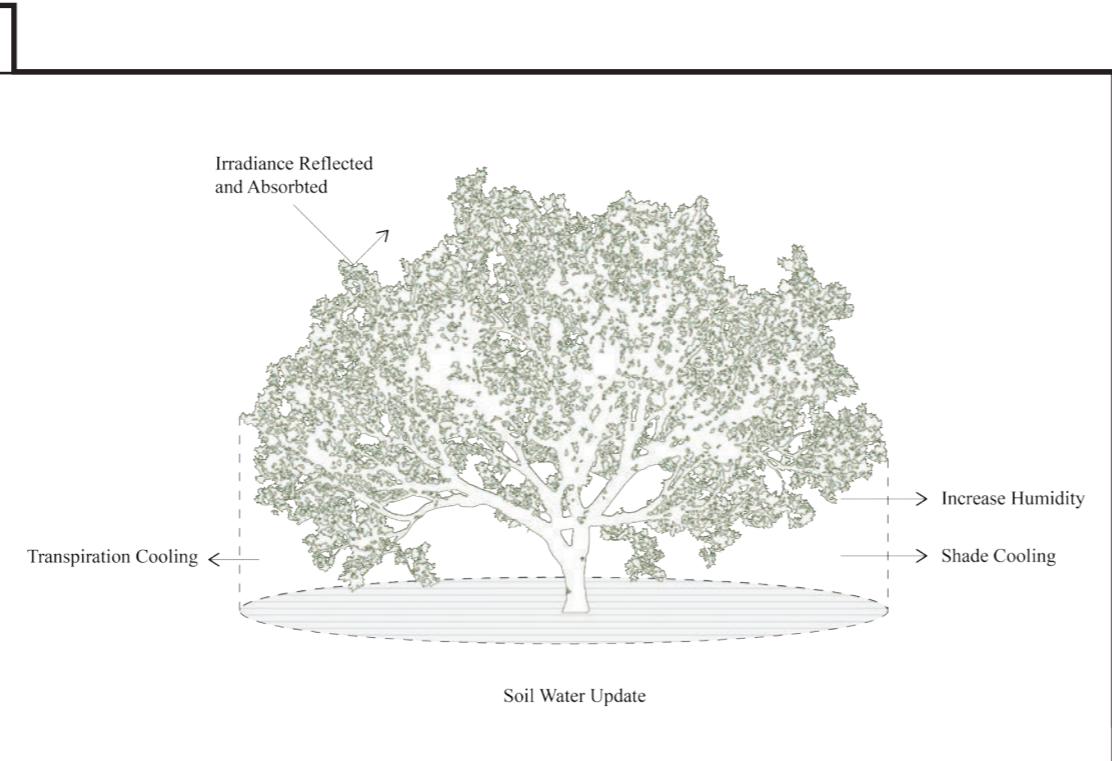
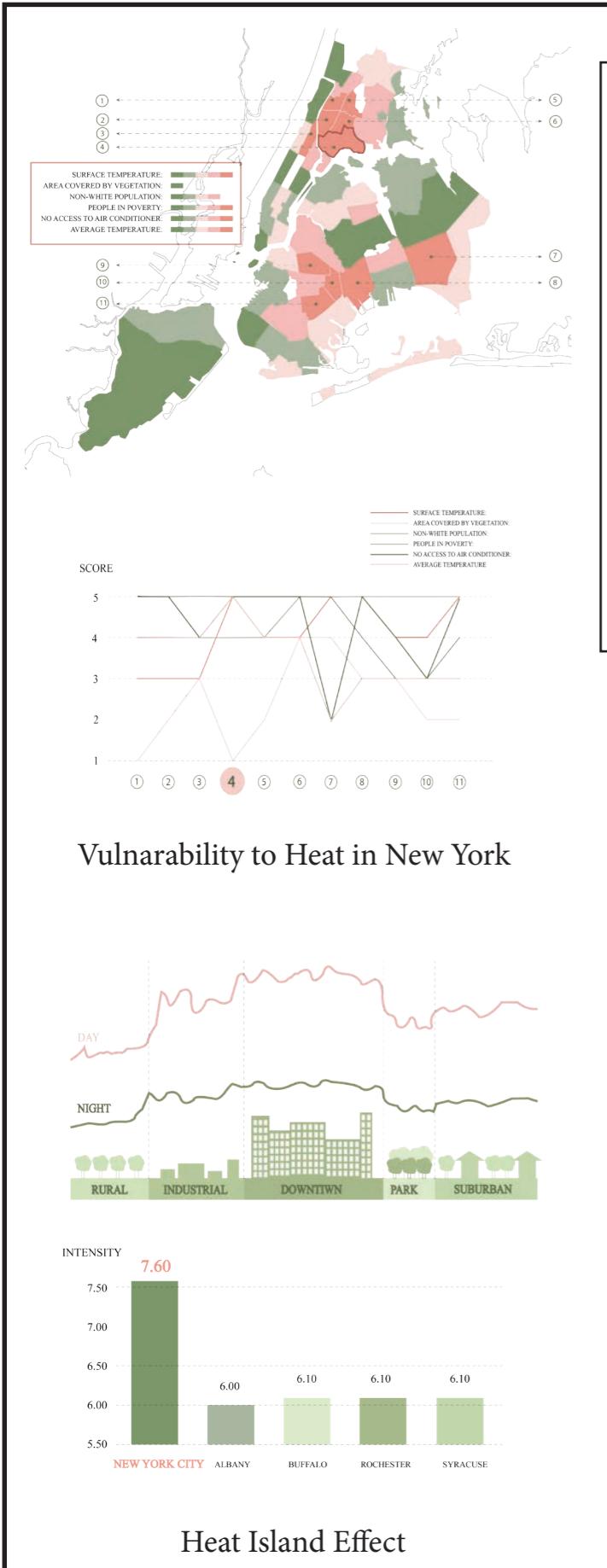
Site: New York, The United States

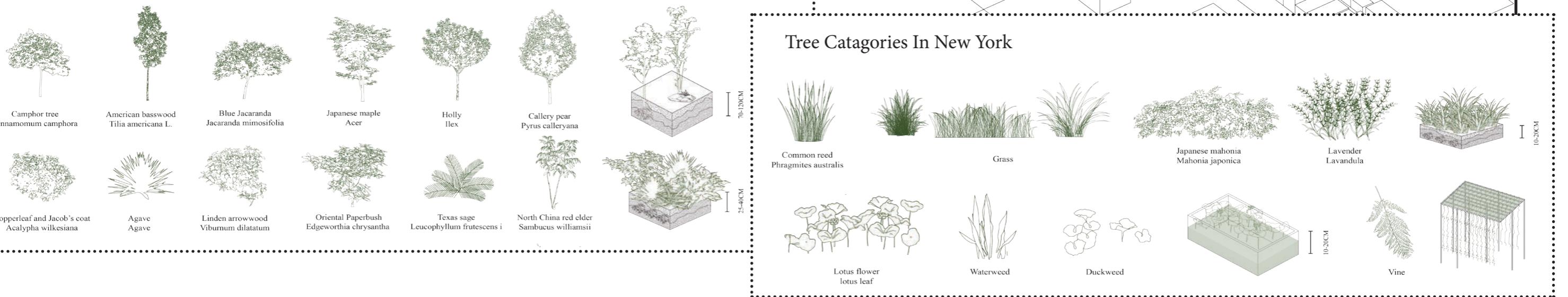
Instructor: Claudia Wigger

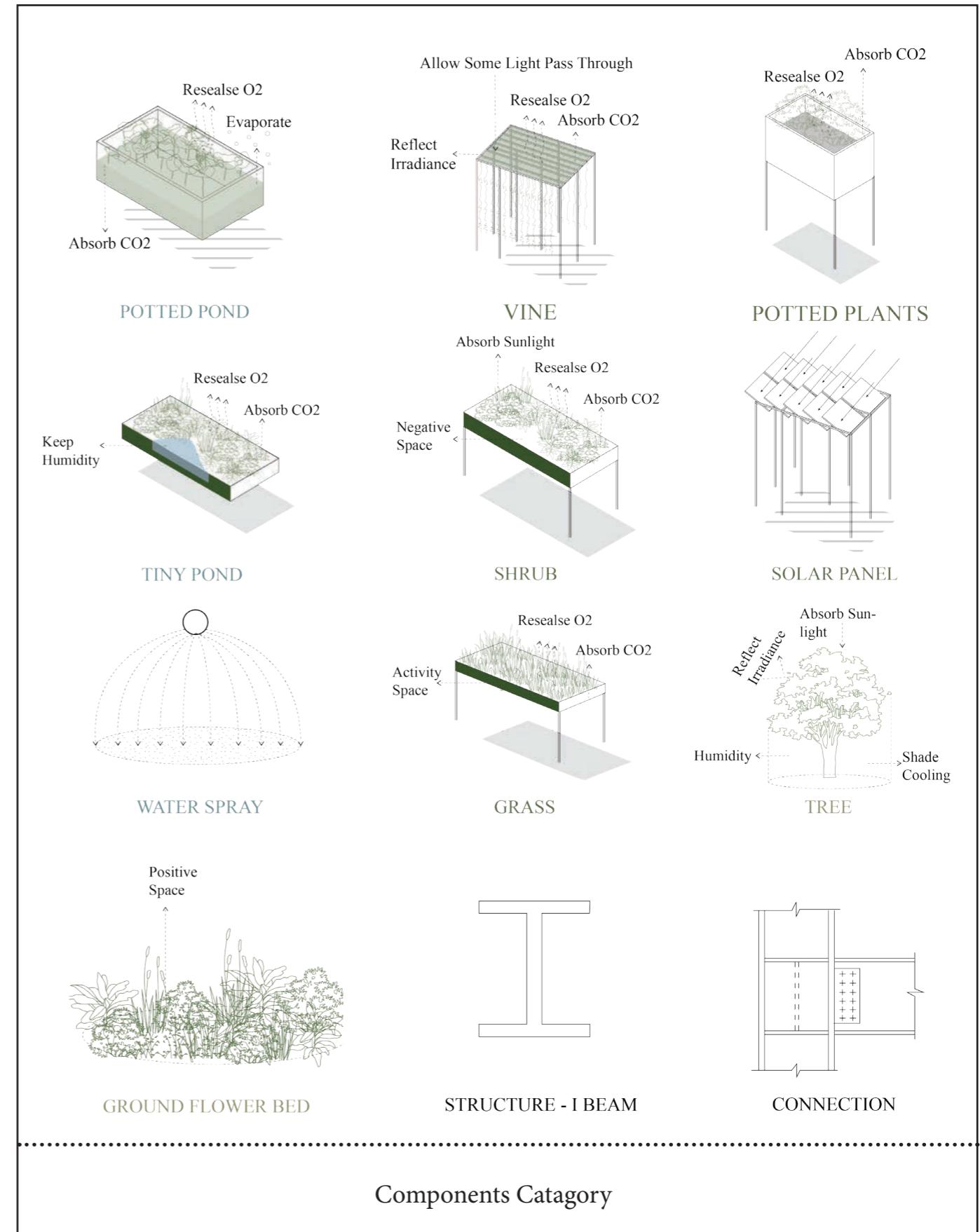
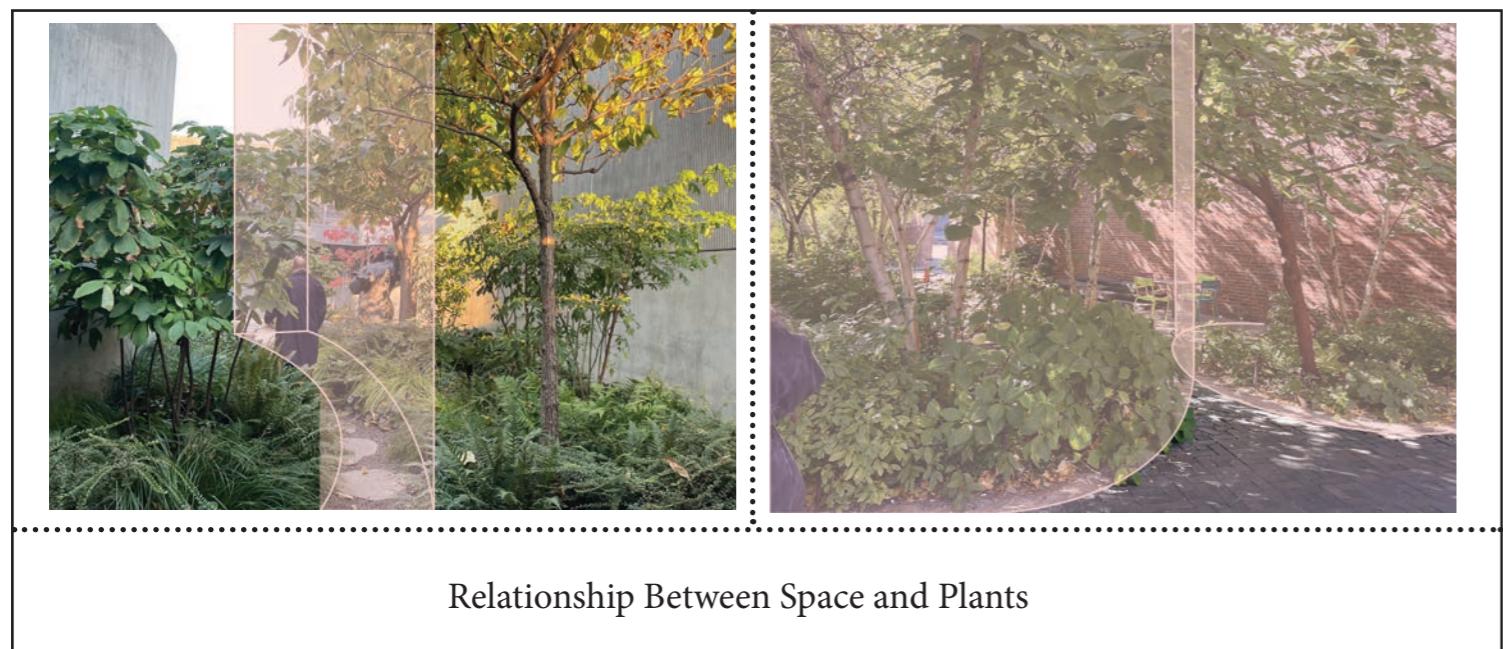
Type: Individual Work

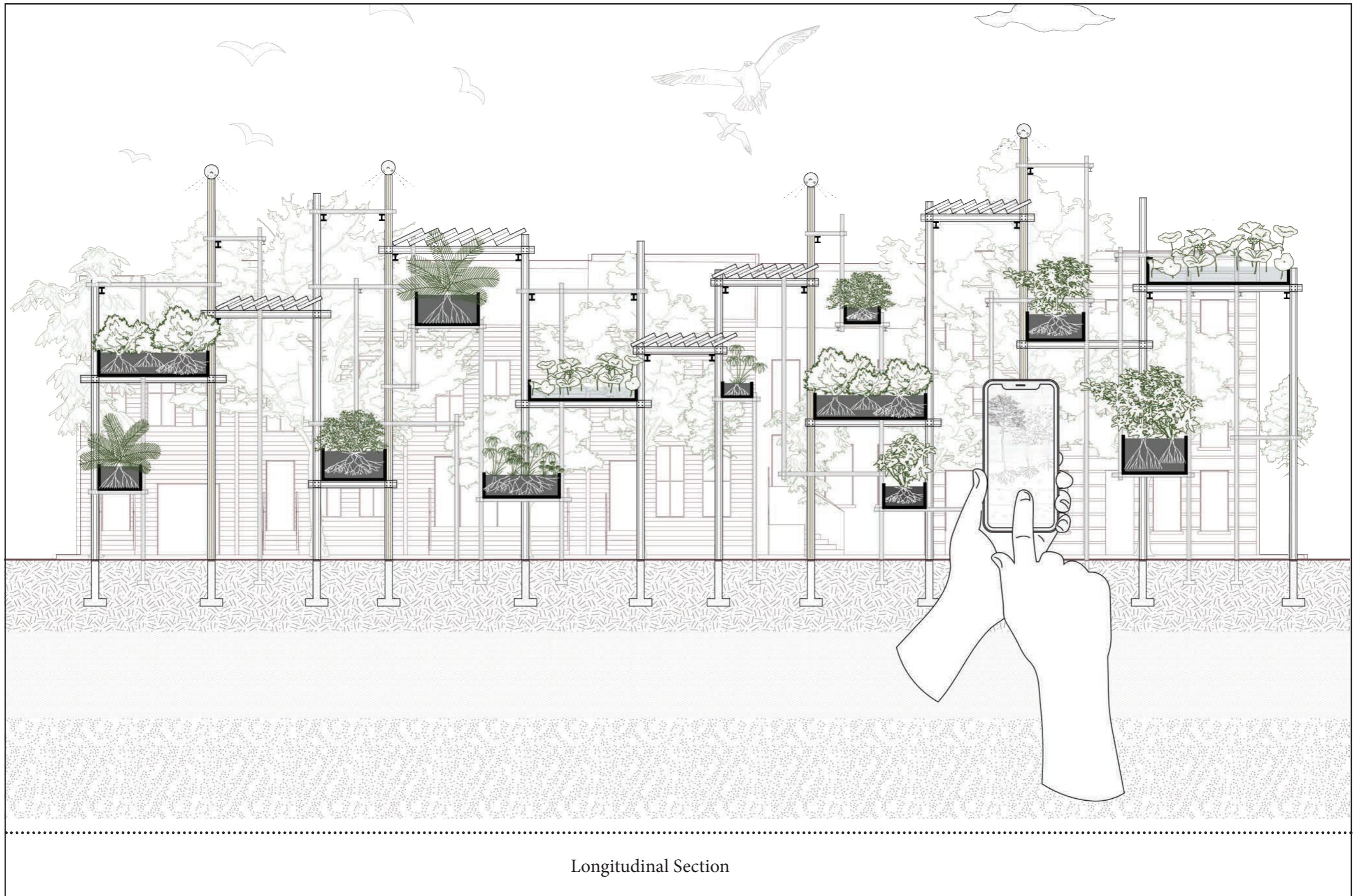


Due to the heat island effect, the temperature of New York City is much higher than other place. Through our investigation, we found out that increasing tree canopy could efficiently mitigate the heat island effect. However, it is hard to get enough tree canopy in New York City due to the dense population. In order to increase shadow without infringing on private space, in this project, we propose an innovative method, which utilizes street space to provide tree canopy, while maintaining its original function at the same time.











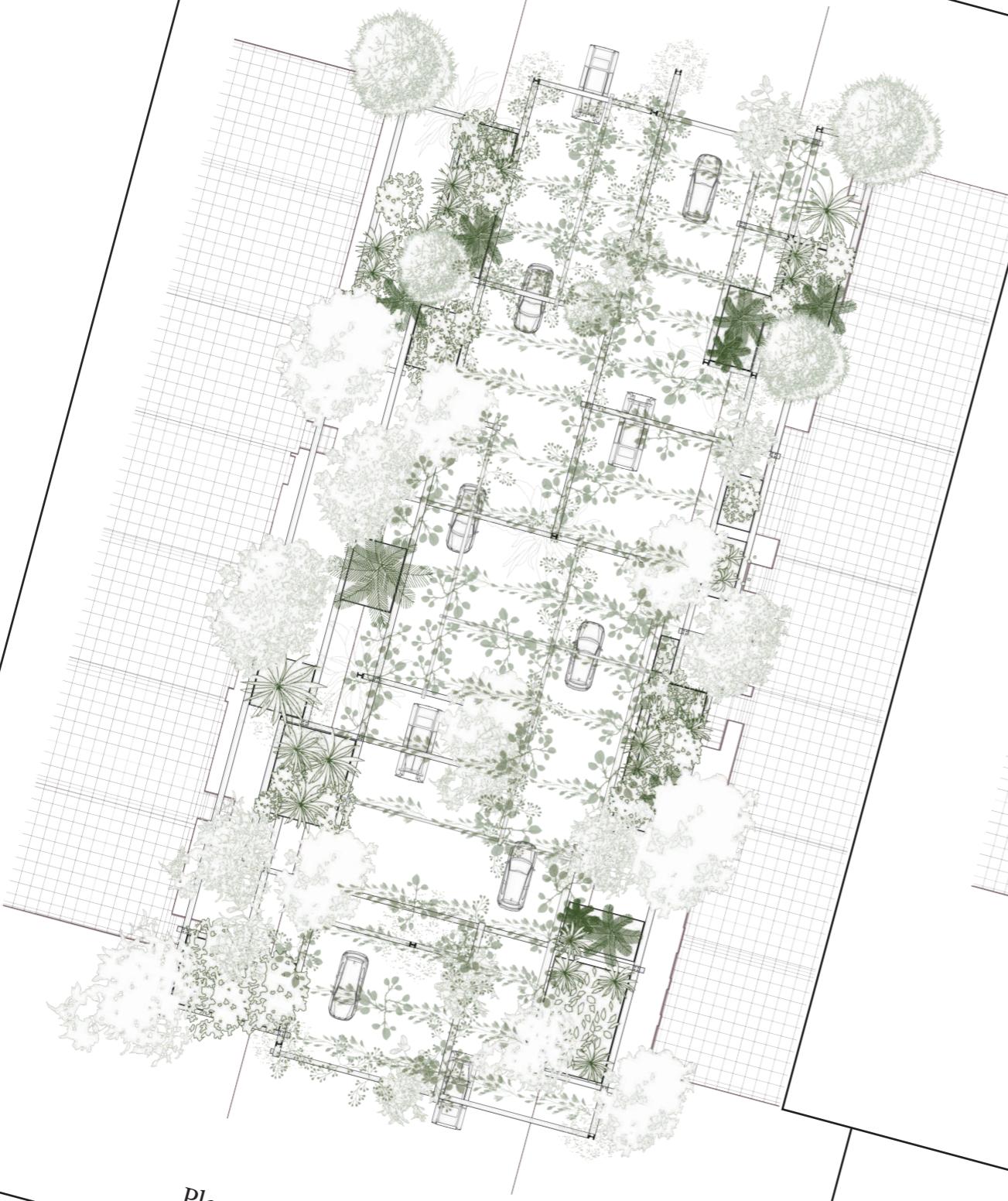
Transverse Section In Residence Area

In residence area, we need to ensure that there is enough sunlight for people's daily life, as well as provide enough canopy to mitigate heat. Thus, we choose vine as canopy which let light path though but prevent heat. The vine is also seasonal, they prevent heat during the summer and disappear during the winter.

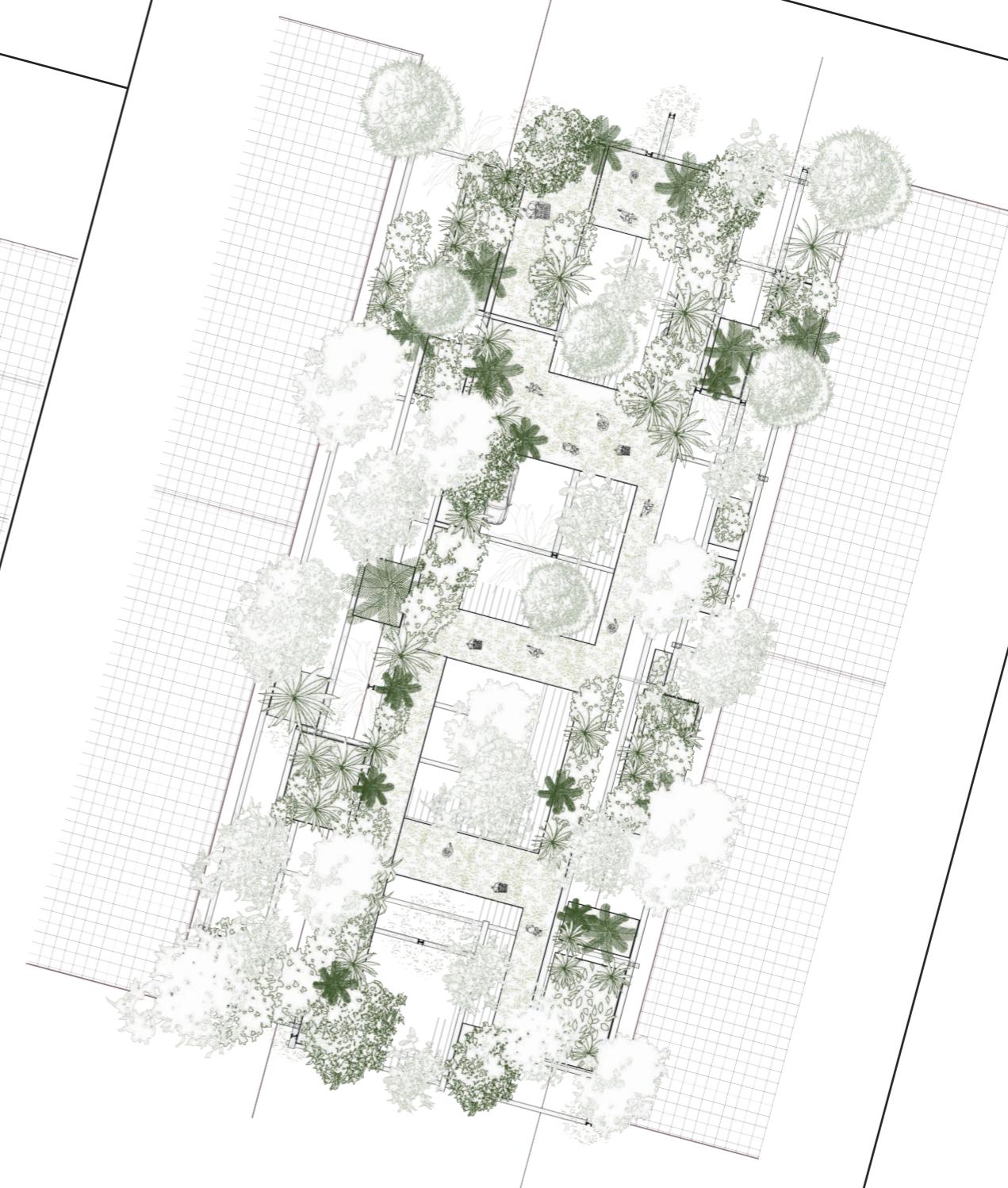


Transverse Section In Commercial Area

In commercial area, we try to create more public space with greens, and the sunlight requirement is not as needed as residential area, so we mainly provide solid canopy to give more activity space. We lifted plants up to convey an idea that "not only tree canopy could be canopy"



*Plan In Residence Area*



*Plan In Commercial Area*

