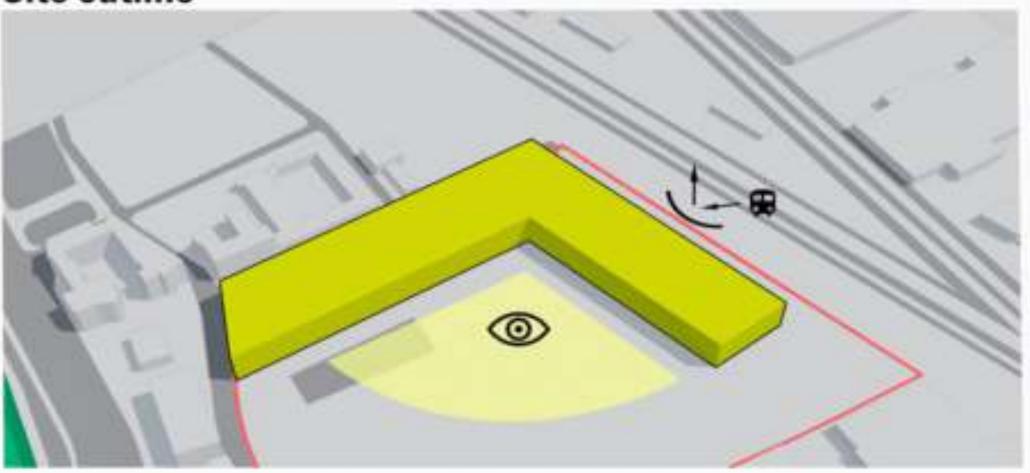


Urban Park With Historical & Educational Functions

Concept: LifeLine



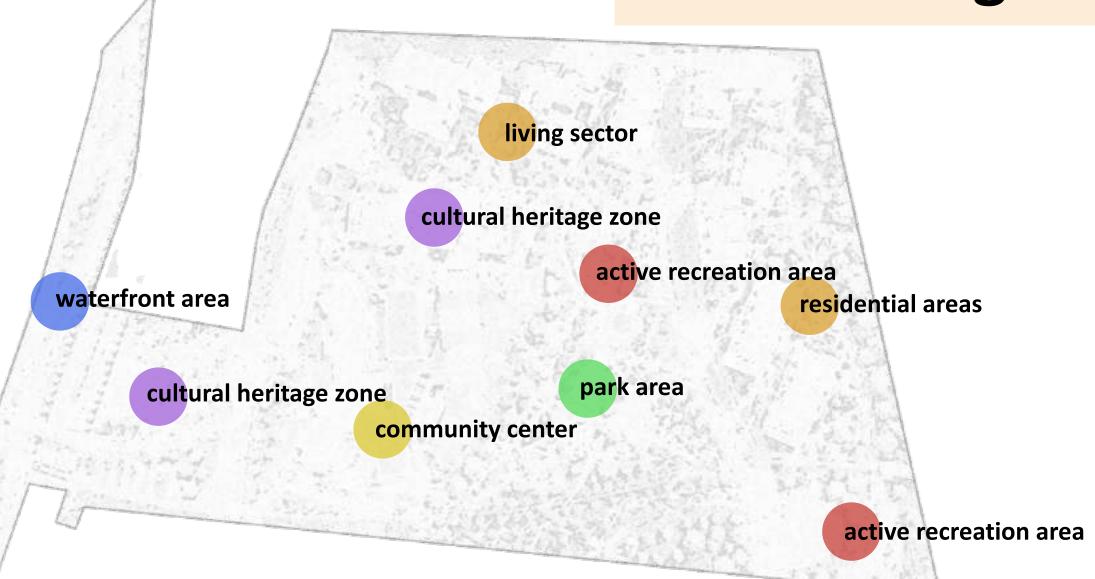
Basic shape. Noise protection. Site outline

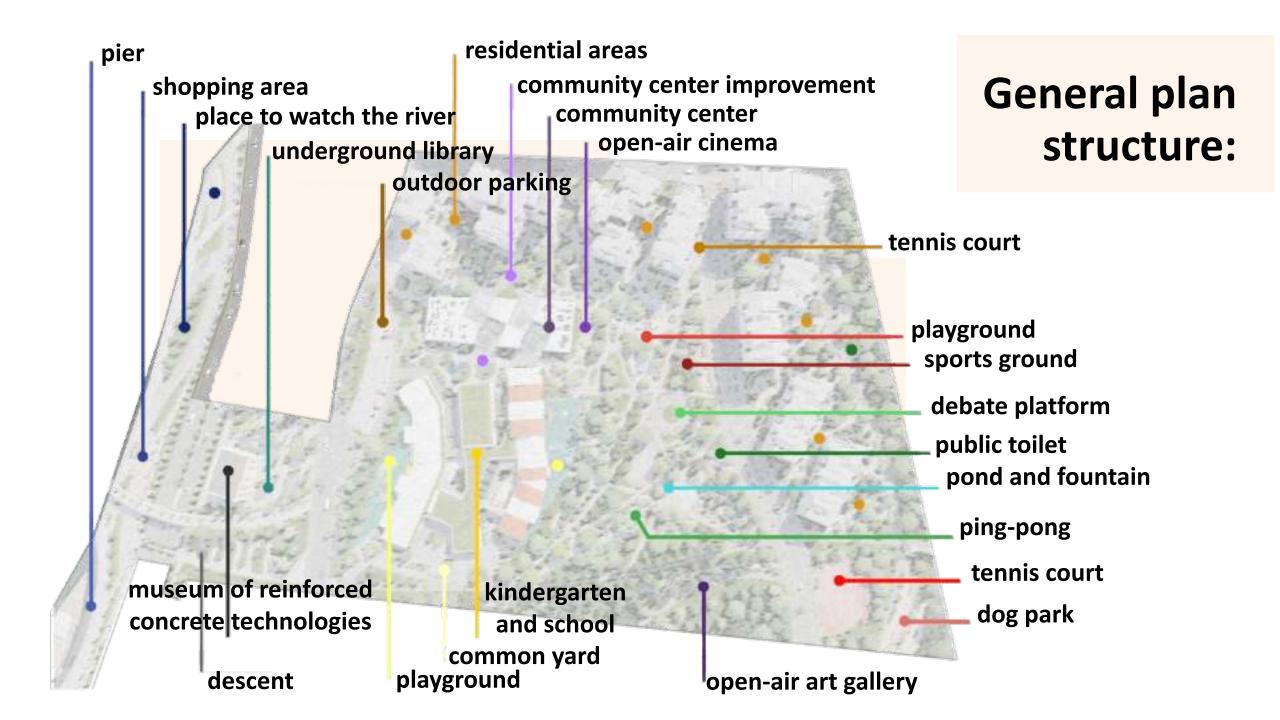






Zoning

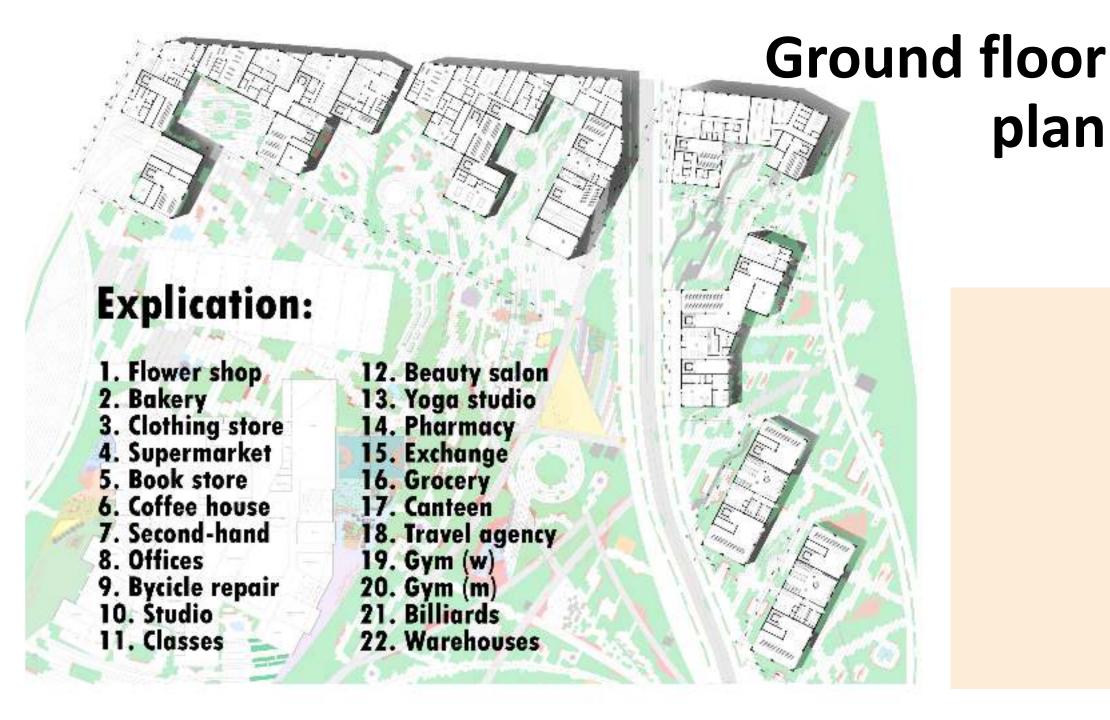


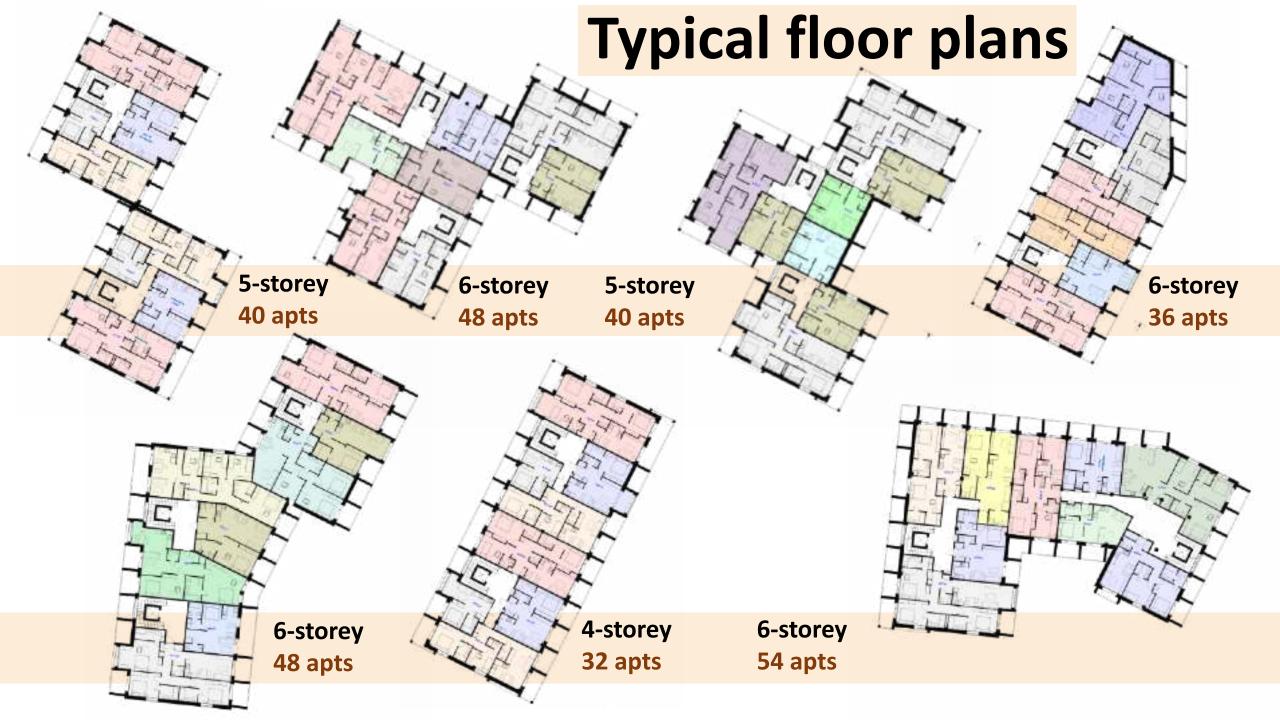


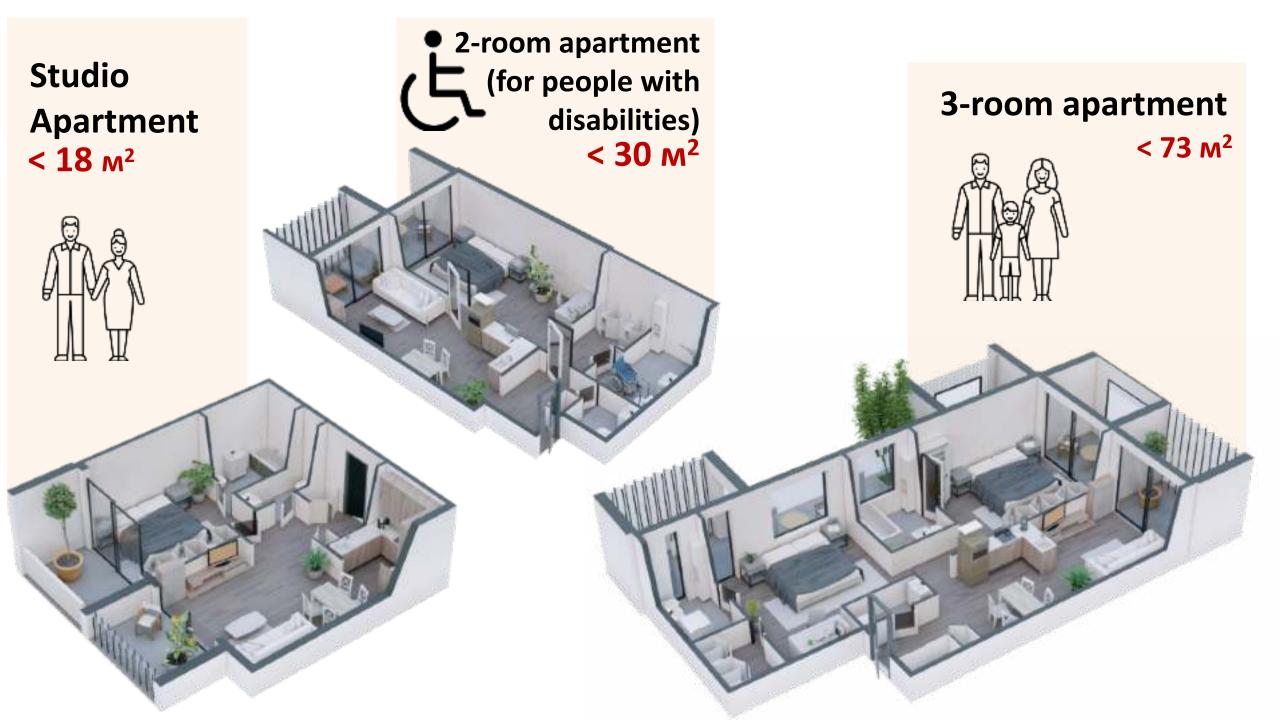


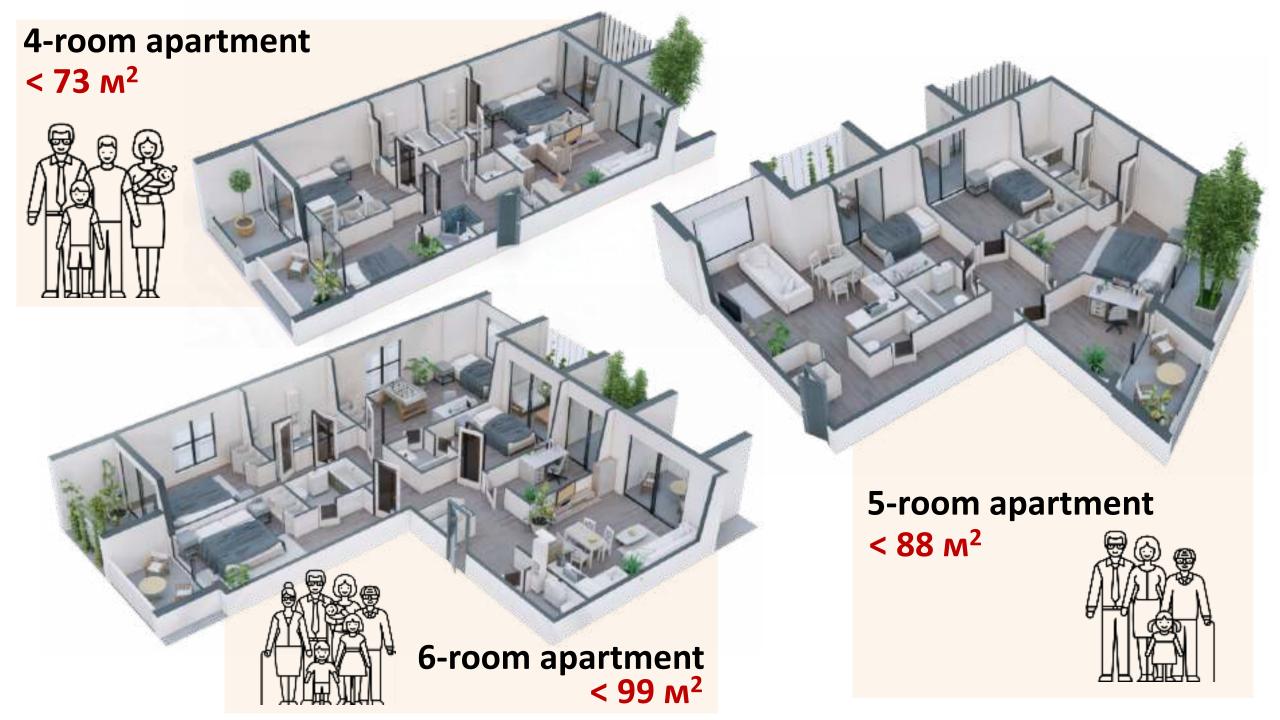
Facades



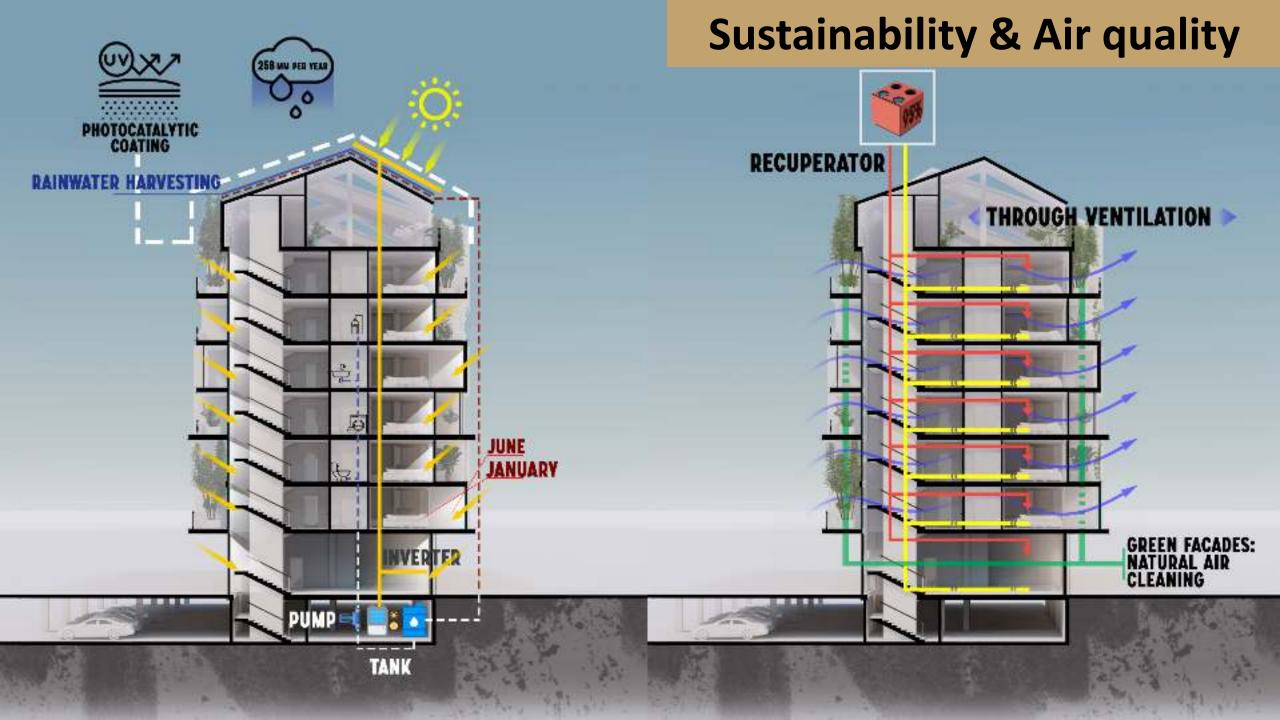








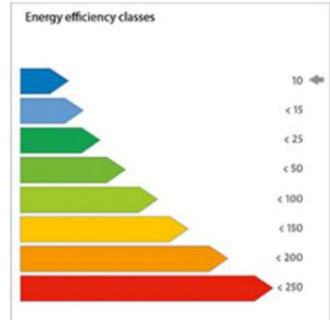


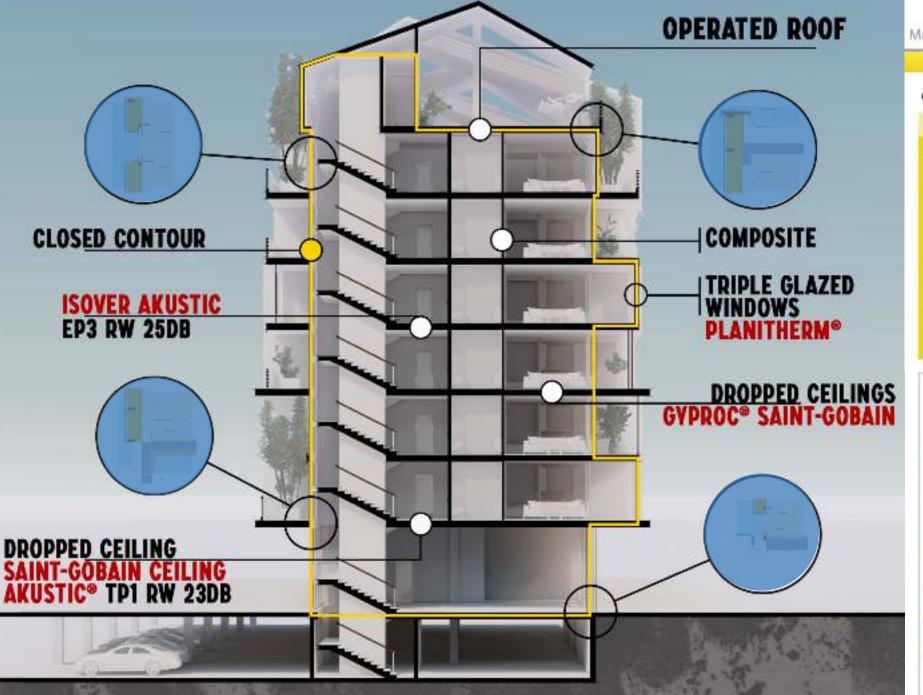










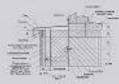




GREEN COVERING:



WINDOW ABUTMENT



GROUNDFLOOR WALL OUT

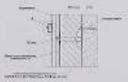




PARAPET ABUTMENT



VESTICAL WALL CUT



vetonit



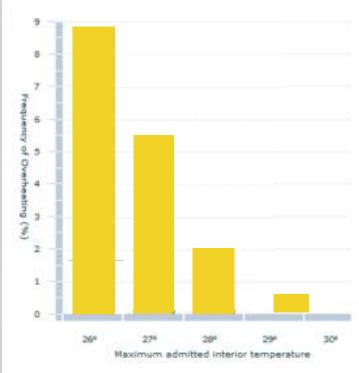




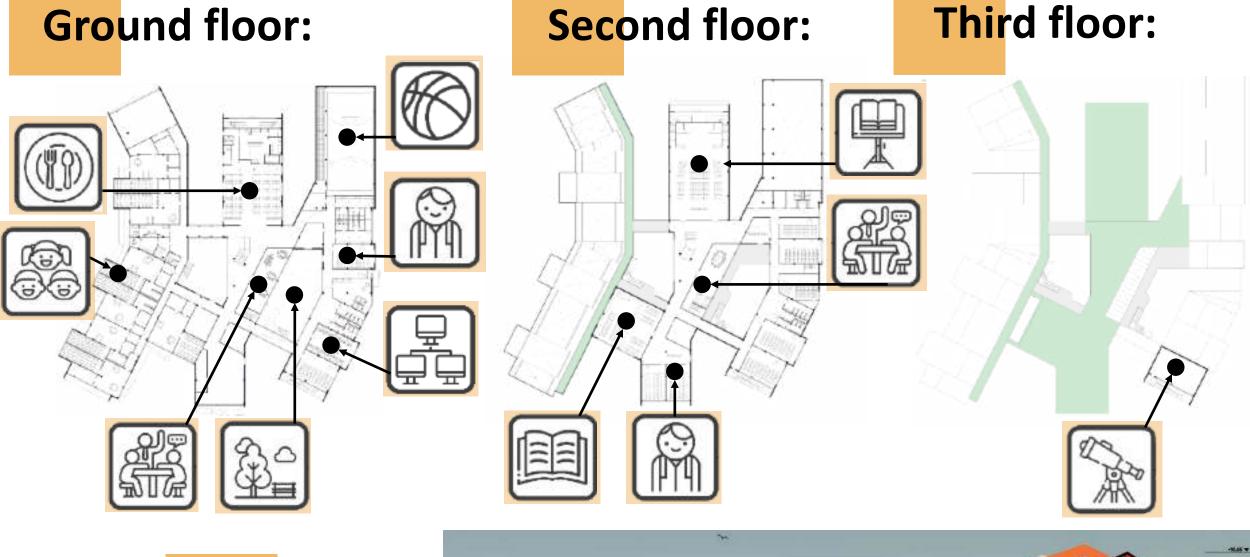


CALCULATIONS

Overheating		
Exterior Thermal Transmittance:	806.90	WOR
Ground Thermal Transmittance	39.78	WIK
Ventilation Transmittion Ambient.	1313.83	WiK
Ventilation Transmission Ground:	0.00	W/K
Solar Aperture:	409.91	
Frequency of Overheating	8.86	%







Section cut:





Wind generator Vortex Bladeless

Vortex Bladeless allows to lower **production costs for 53%**, reduce **maintenance costs for 80%** and reduce **the carbon footprint** (the total amount of greenhouse gases) **for 40%** in comparison with bladed wind constructions.

The construction is almost noiseless and poses much less threat to the birds and entire environment.

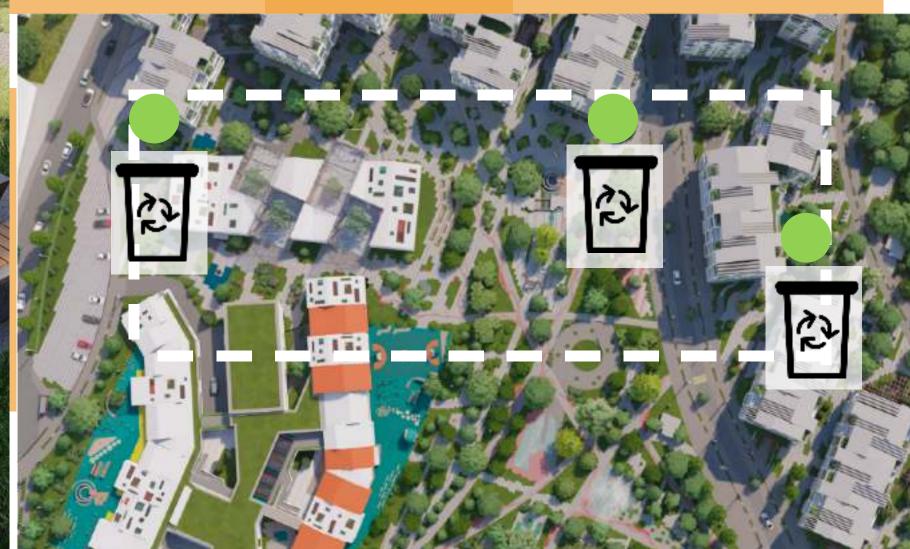
One unit of Vortex Bladeless is able to produce **35 040 kW a year**.

There are 20 of such constructions on the site.





The vacuum waste collection systems (pneumatic waste chute)



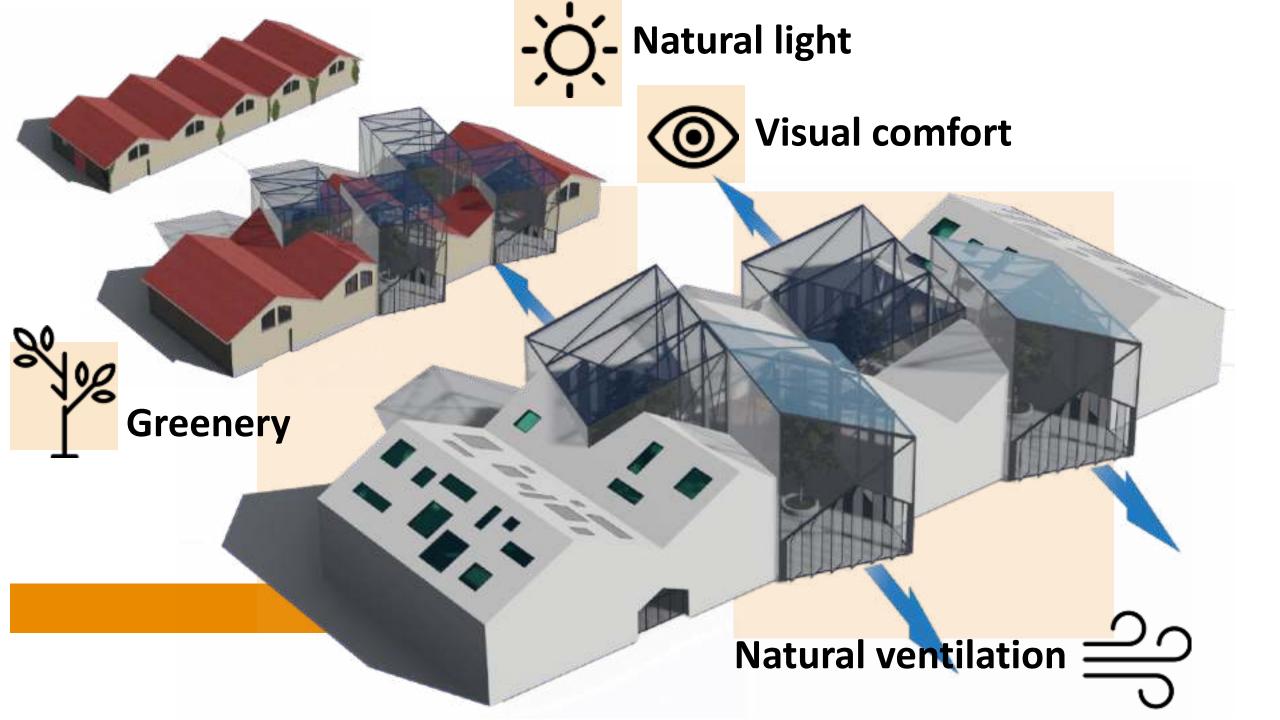


Park landscaping



Revitalization & reconstruction





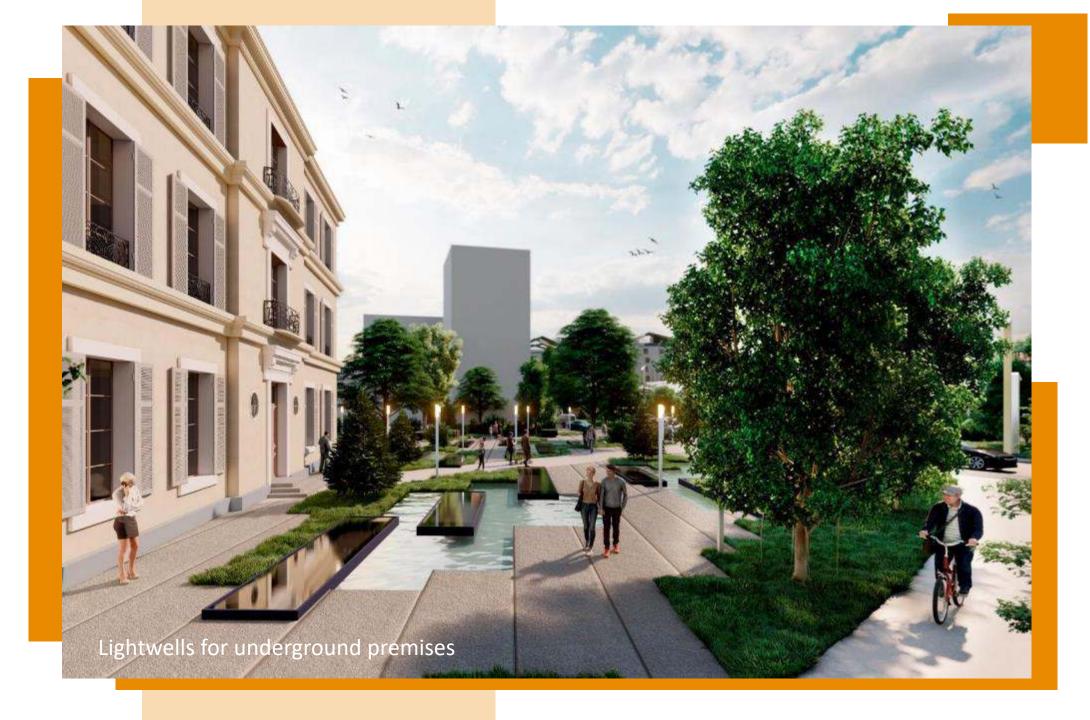
Floor plan



THE SOCIAL SUPPORT PROGRAM
SUGGESTS ESSENTIAL SERVICES FOR
THE HOMELESS (SHOWER, FOOD, LAUNDRY ETC.)
IN EXCHANGE FOR MAINTENANCE AND
CLEANING OF THE DISTRICT







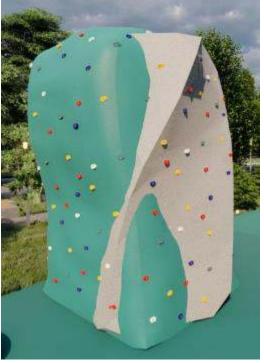






Facilities of adjoining territory







Playground facilities

