

# Gate to the nature

The main goal of the project is a creation of a place-to-be that links culture and nature, past and future, within that contributing to the sustainable development of the region. Sustainable future is not possible without learning and celebrating past, that is why natural heritage and landscape-oriented architectural solutions takes a special place in the project on a par with modern laconic and energy-efficient design.

The idea of a master plan is a creation of three main zones – agricultural and wild-life, which will be linked through infrastructure facilities and campus building as a heart of the project. The main axis oriented from east to west: agricultural fields are located at the higher part of the plot, they are occupying one third of the building site and well-connected with main roads; wild nature zone starts almost in the middle of the plot and goes down with the relief, providing opportunity for the creation of the rain-water reservoirs at the west part of the site. Agricultural zone has a direct connection with the campus and provides learning opportunities on site, wild nature zone is enriched with typical plants and species of the region and aims to be a part of the educational process as well as to show the beauty of the local nature to tourists.

Campus building, which is placed almost in the middle of the plot on the natural relief, uses the landscape as base for architectural composition, what gives an opportunity to orient spaces towards two natural highlights – Ararat and Aragats mountains. Building consists of two main parts – northern part with an entrance area, educational facilities and a library and southern part, which hosts sport facilities, auditorium, event centre and restaurants. Two parts of the building shape a great descending pedestrian passage in between with the view towards both mountains and the wild-nature zone of the masterplan. Therefore, building serves as a gate, opening the beauty of the natural heritage to the visitors, and linking it with the agricultural part. The architectural composition is built according to the principals of energy-efficient design, the goal was to gain maximal efficiency with smart and simple solutions: the northern part of the building has more open image, the glass is a main material of the facades, this part of the building creates shadow for the passage and the southern part and also hosts solar panels on the roof. The southern part of the building has a bend in the middle, which contributes to the creation of a central square down to the passage, as well as to the better views from the auditorium, conference centre and restaurant. The south facade of this part is mostly hidden underground to avoid overheating using the natural features of the plot; the half of the roof of this part is covered with greenery, serving as a retention field, and giving additional cooling effect. The greenhouse tower located in the north part of composition serves as a landmark and view point.



Infopoint Visualisation



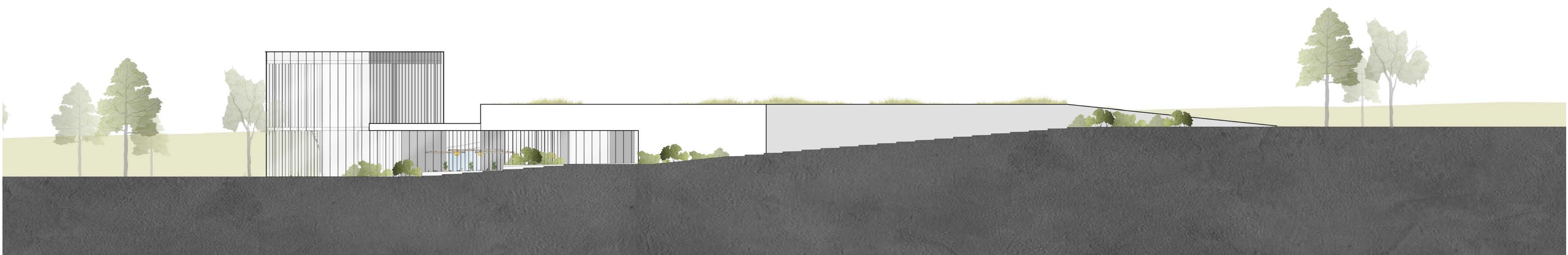
Visualisation Campus



Elevation East 1:200

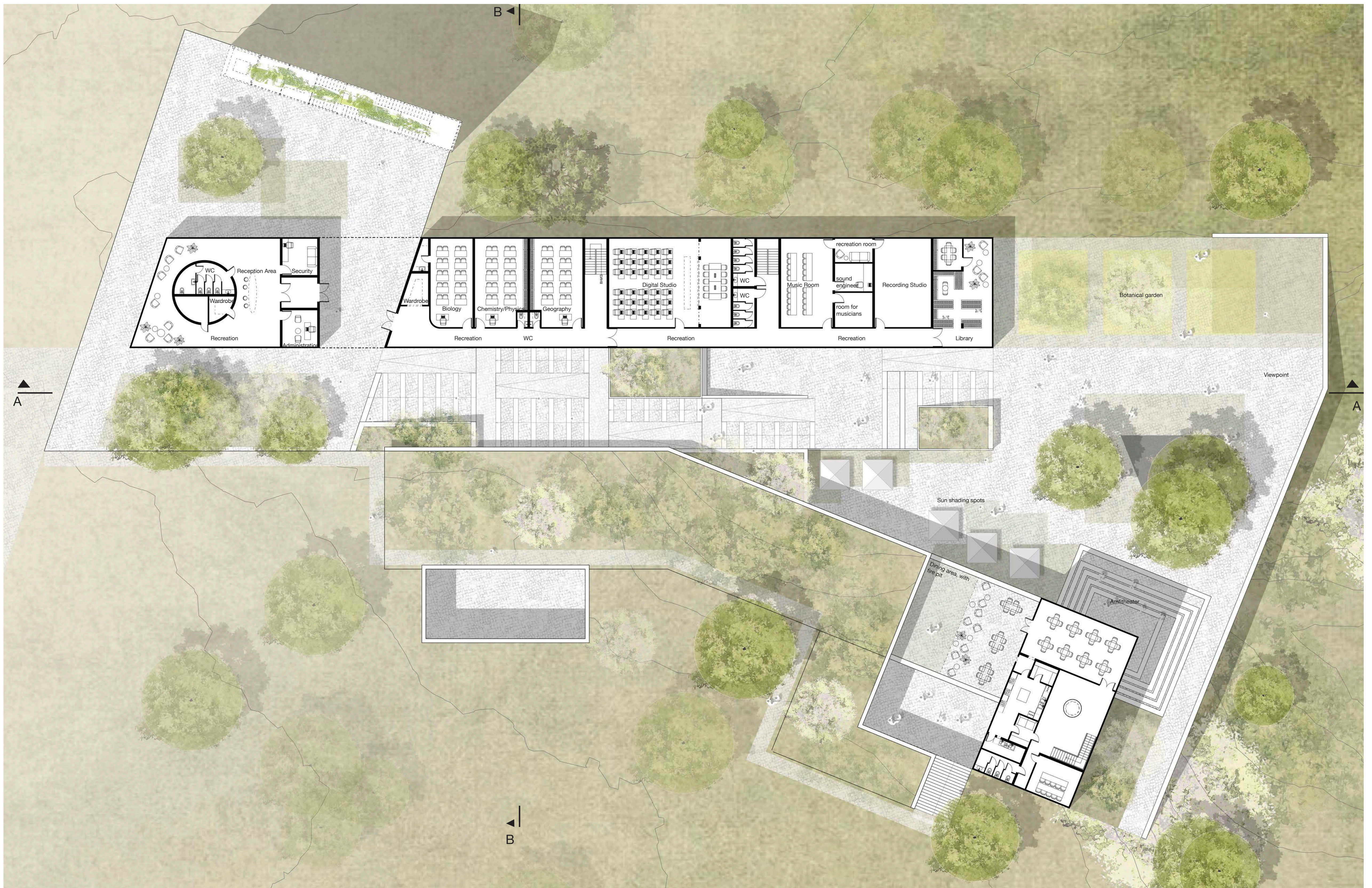


Master plan Campus 1:2500

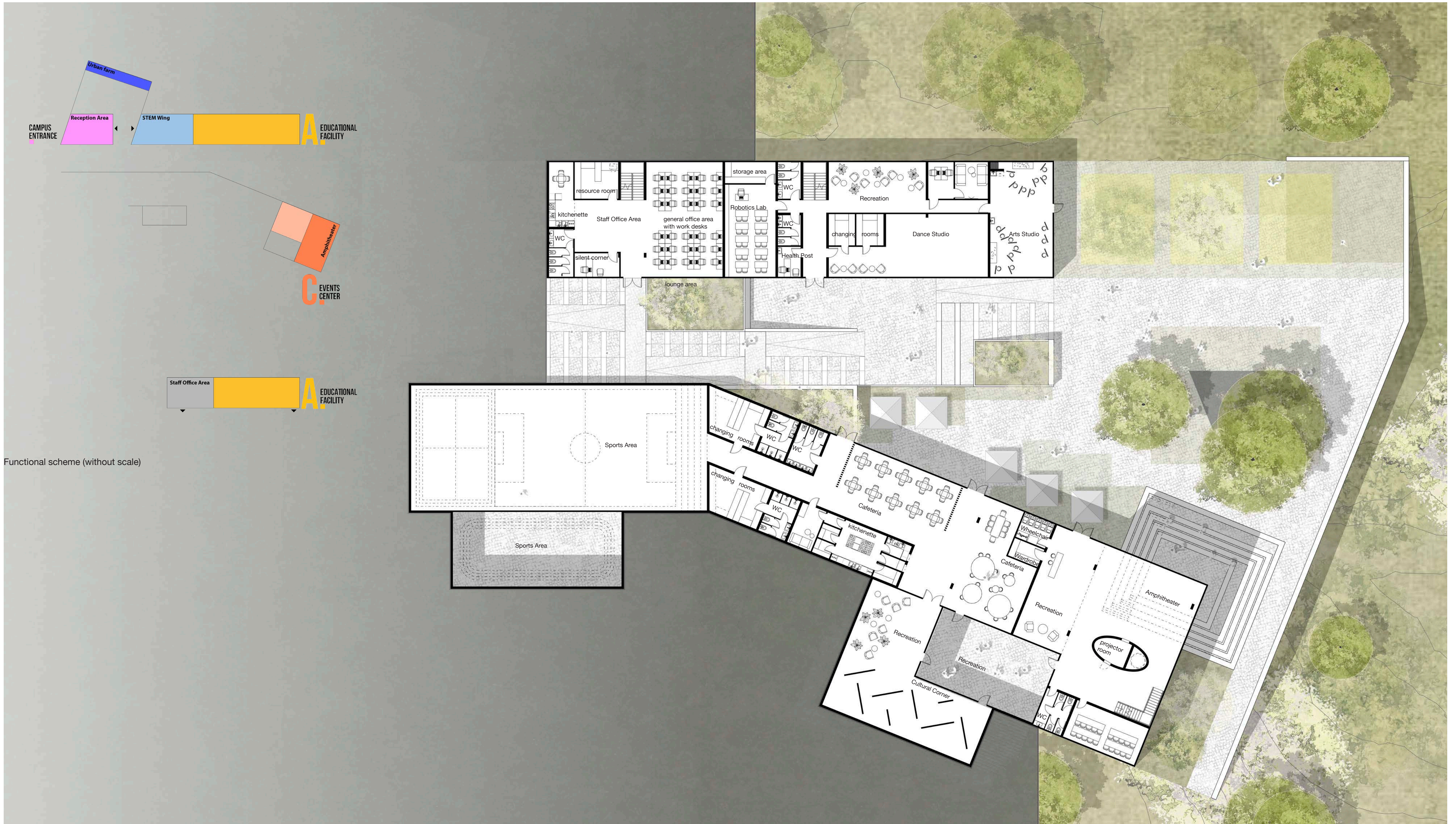


Elevation North 1:200

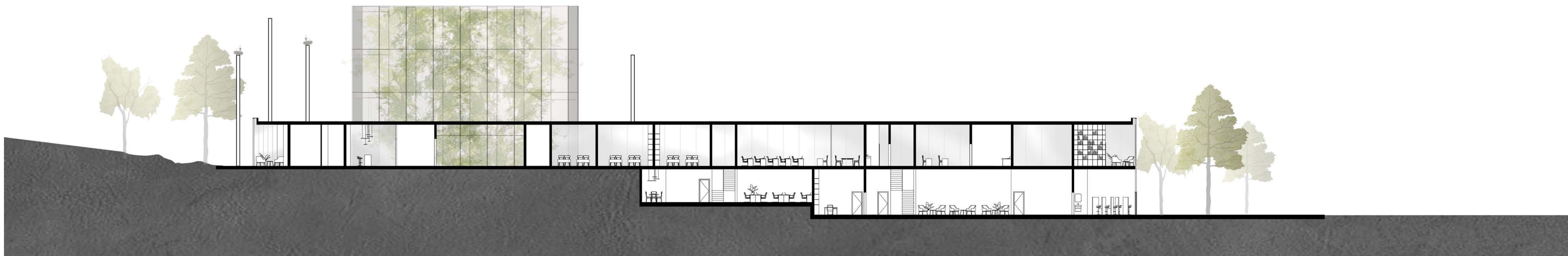




First floor plan 1:200



Underground floor 1:200



Section 1:200





Campus square visualisation



Stairs exterior Visualisation



Library Interior Visualisation



Yard interior Visualisation



Amfiteater Interior Visualisation



Stairs exterior Visualisation



Section B-B 1:200