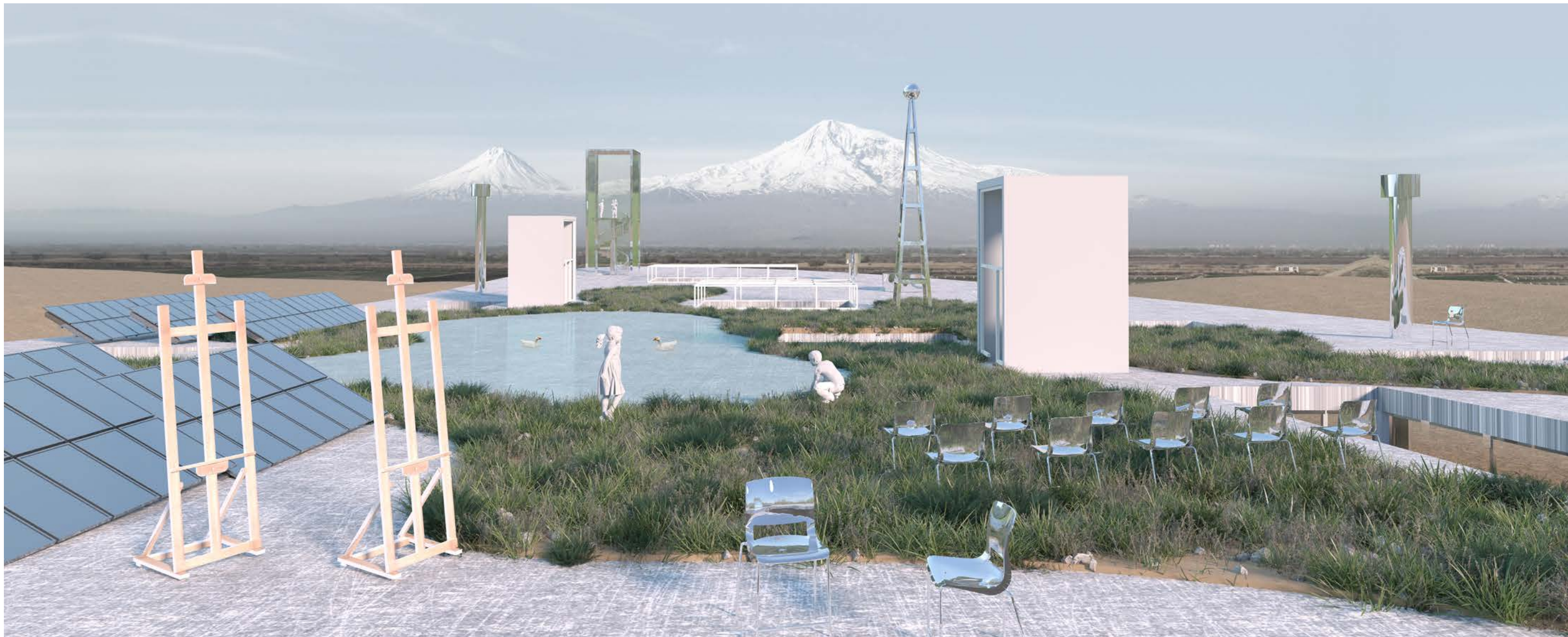




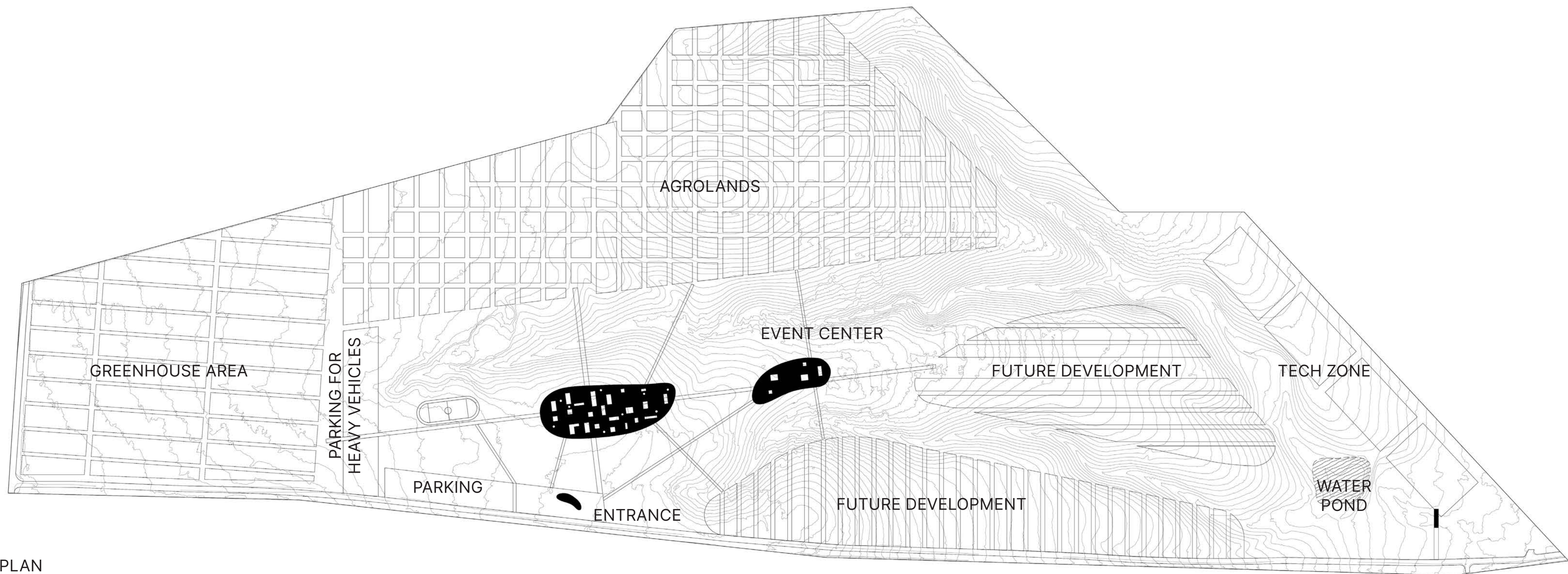
FACADE



ROOFTOP

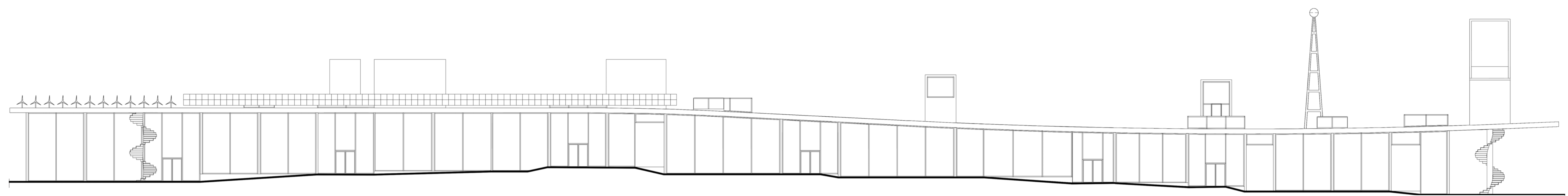


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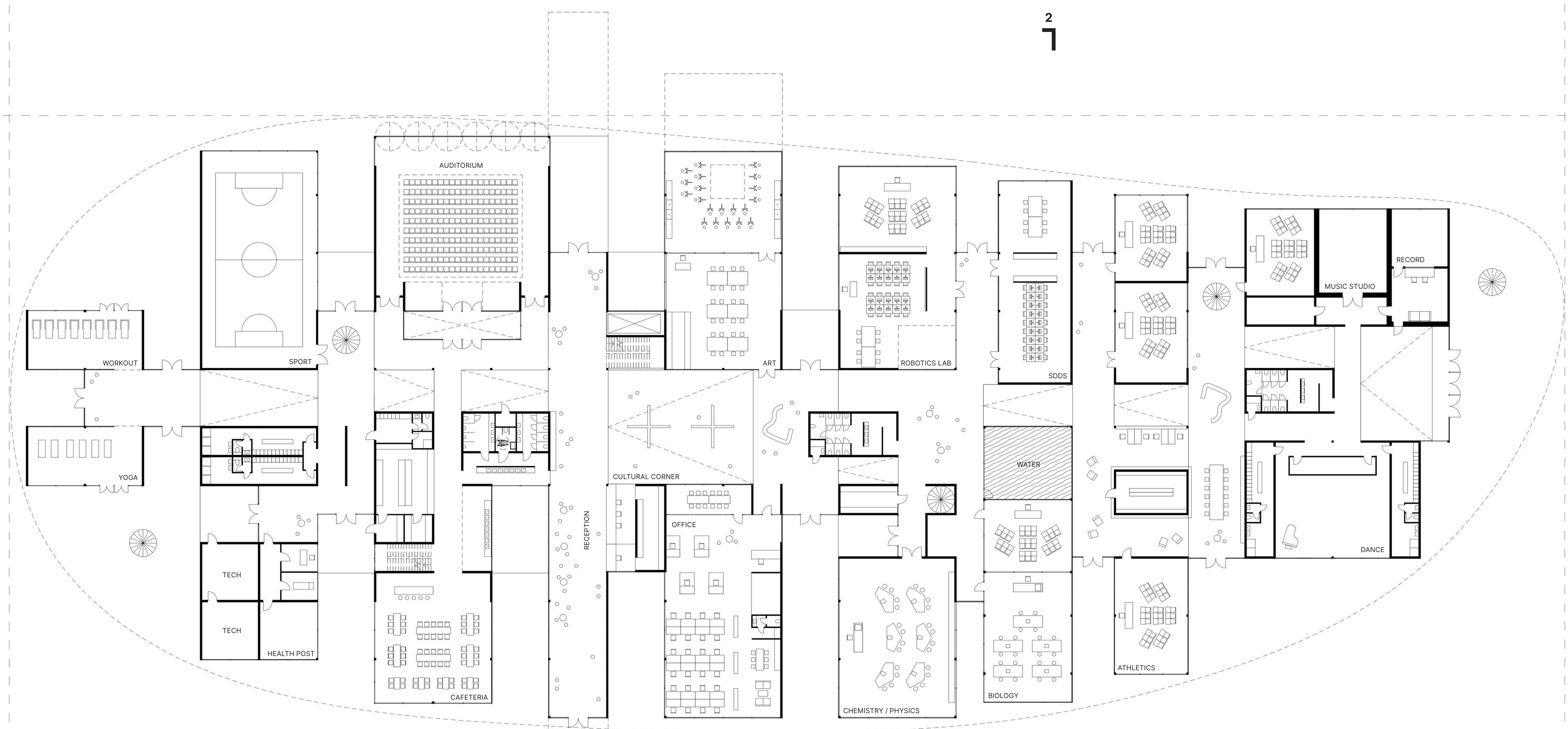


MASTERPLAN

Smart landscape is a new type of landscape designed to promote sustainable economic, energy and social development. When we saw the site we discovered a beautiful untouched nature, a unique self-sufficient landscape where man-made spaces are just one of the layers. The layer of culture, human intervention carries a threat to nature and man himself, but at the same time, with a reasonable organization, we can contribute to the organic existence of different layers - ecosystems. We are creating a new layer of man-made landscape. Agricultural, sports and technological zones appear on the site, forming a system of islands - Entrance pavilion, Educational Centre, Event Centre and Agricultural infrastructure, etc. At the lowest point of the site, a natural pond is organized to collect rainwater. In the center of the archipelago, there is a building system consisting of an entrance pavilion, a campus, and an event center. The campus has a two-layer artificial landscape which is a model for the development of the territory. The building contains the functions necessary for sustainable existence and energy self-sufficiency. The bottom layer is a group of separate rooms connected by a single public space - an inner street with a system of halls that will be a self-sufficient cultural space, places for meetings, informal communication, exchange of experience. The internal common space is a special space, where different functions interact with each other creating new meanings and values. Educational wings face each other through common yards, scientific blocks faces inner street, becoming exhibits for them. In the common space, science as an image of the future is mixed with art and leisure. Each block is reserved for its separate function and can work separately, but at the same time, a system of semi-open courtyards is located between the blocks, for open classes or common events. Life passing within the created structure is determined by mutual cultural exchange and goes beyond the sum of functions. The campus creates something new, a new culture. Second layer of Smart Landscape is the blend of technological, natural and artistic artefacts. The landscape is technocratic and natural cluster, where a place for collecting rainwater is adjacent to observational platforms for classes and equipment aimed at the energy independence of the campus. Solar panels, windmills, a weather station, antennas for uninterrupted independent communication are located on top of the roof. The slope of the roof serves to collect water in artificial pond, which feeds surrounding garden and flows to special 'water' room in the lobby. Then the water enters the reservoir for accumulation, purification and subsequent use for irrigation. New rooftop layer hosts different activities which rise from bottom layer. Its becomes smart landscape which educate young students.



FACADE [SOUTH] M1:200

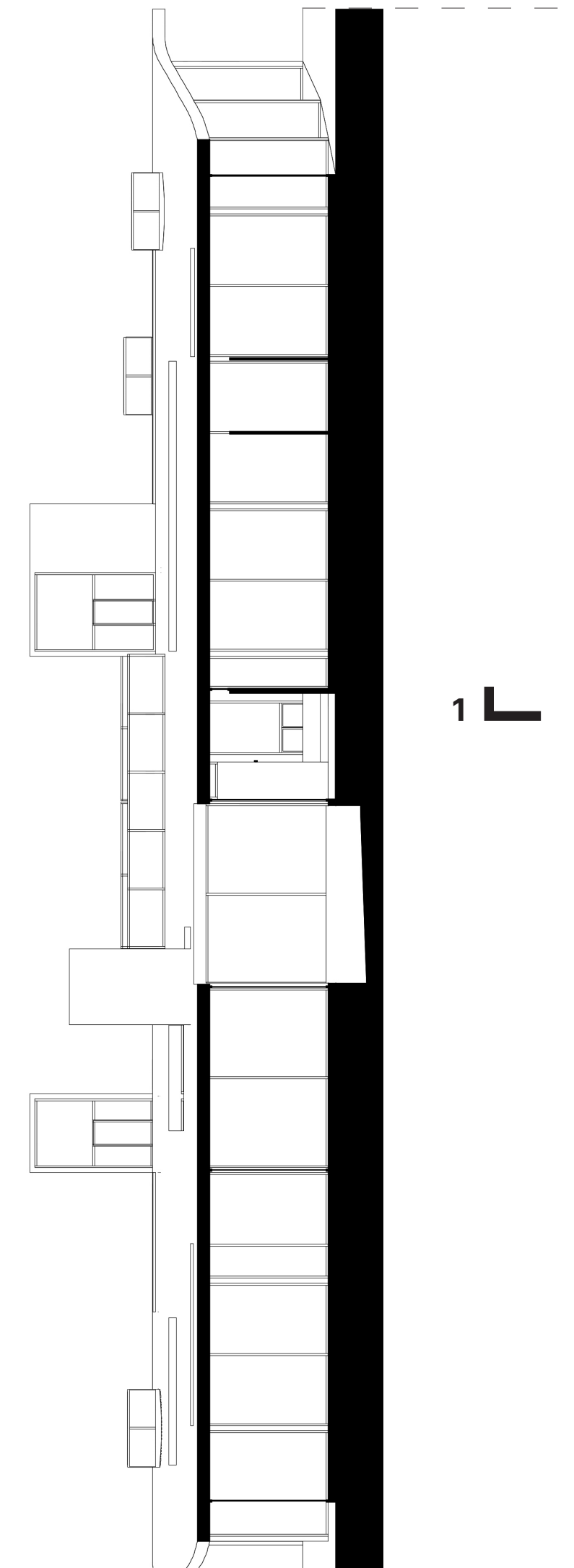


2

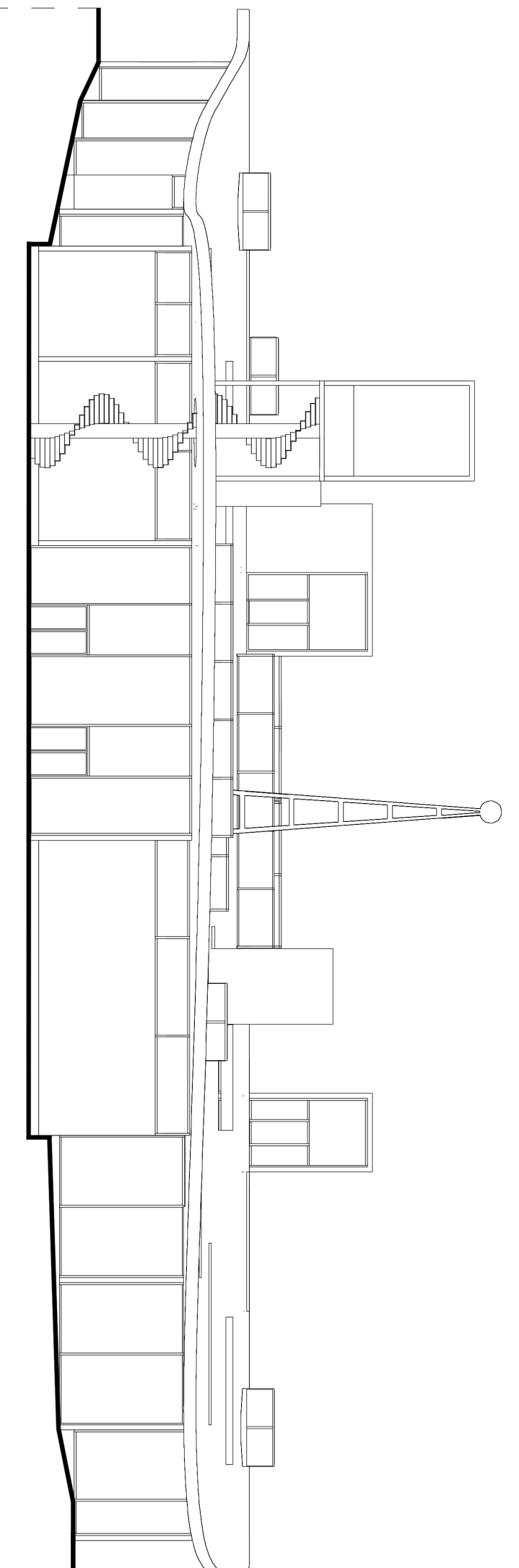
1

1

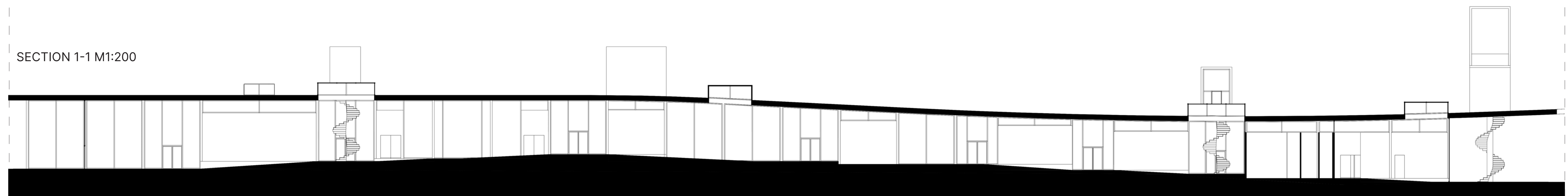
2



SECTION 2-2 M1:200



FACADE [EAST] M1:200



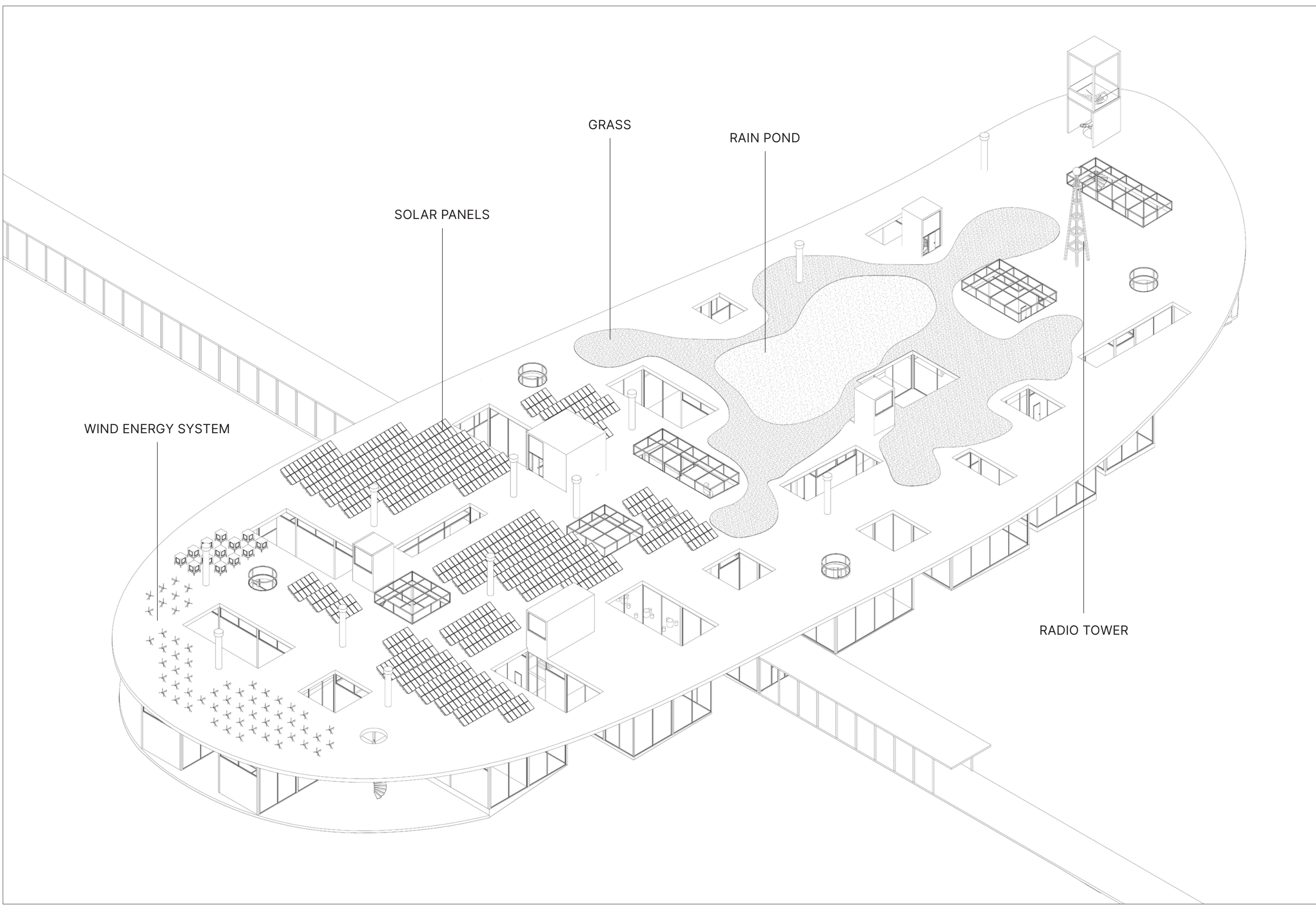
SECTION 1-1 M1:200



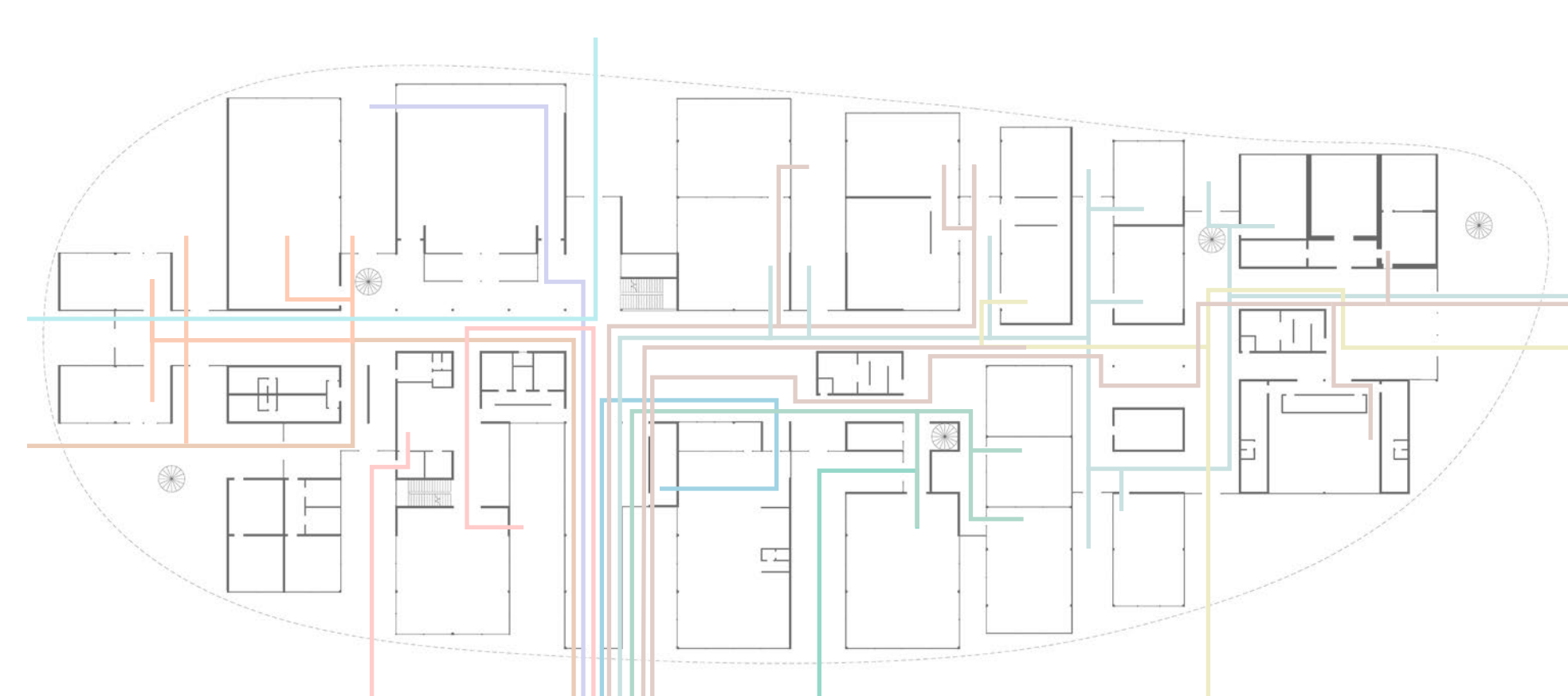
INNER COURTYARD WITH VERTICAL CONNECTION TO THE UPPER LAYER



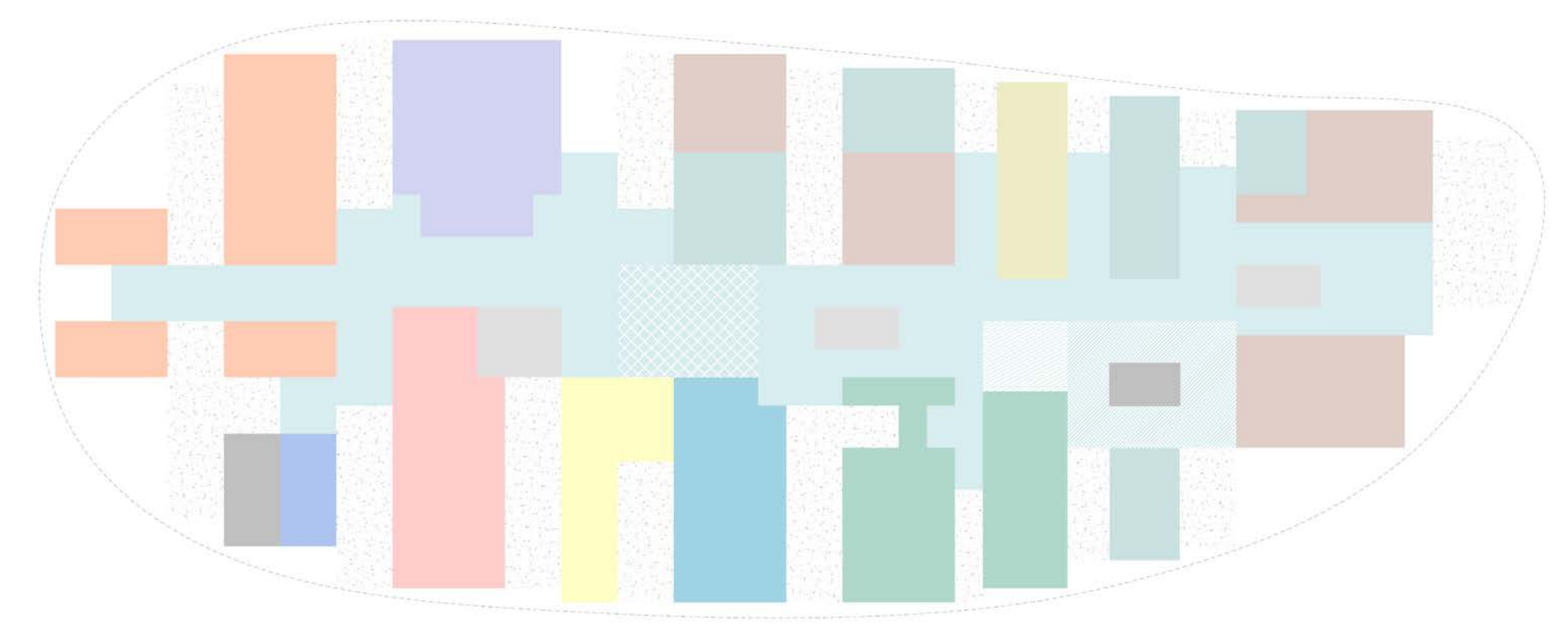
CLASSROOM WITH 'WATER RESERVOIR' ROOM



AXONOMETRIC DIAGRAM OF ROOFTOP INFRASTRUCTURE



FLOWS



PROGRAMM

- RECEPTION AREA
- STEM
- STAFF OFFICE AREA
- WATER ROOM
- OPEN SPACE FOR EVENTS
- CULTURAL CORNER
- CAFETERIA
- TERRACES / OPEN AREAS
- PROGRAMMATIC ROOMS
- SPORTS AREA
- AUDITORIUM
- SPECIFIC ROOMS
- LIBRARY
- RESTROOMS
- DIGITAL DESIGN STUDIO
- HEALTH POST
- TECHROOMS / STORAGE



OPEN SPACE WITH MULTIFUNCTIONAL ZONES



AUDITORIUM