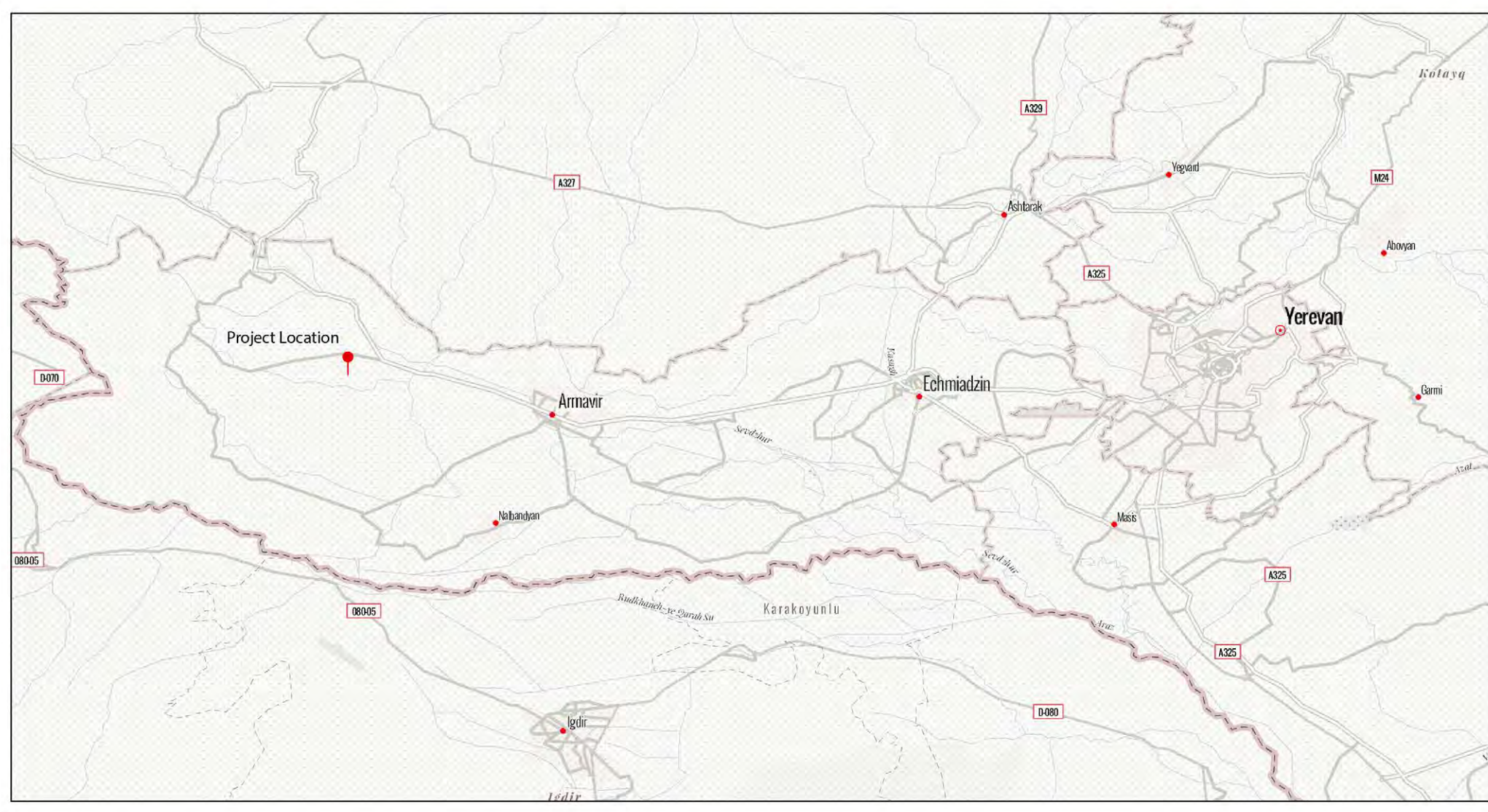
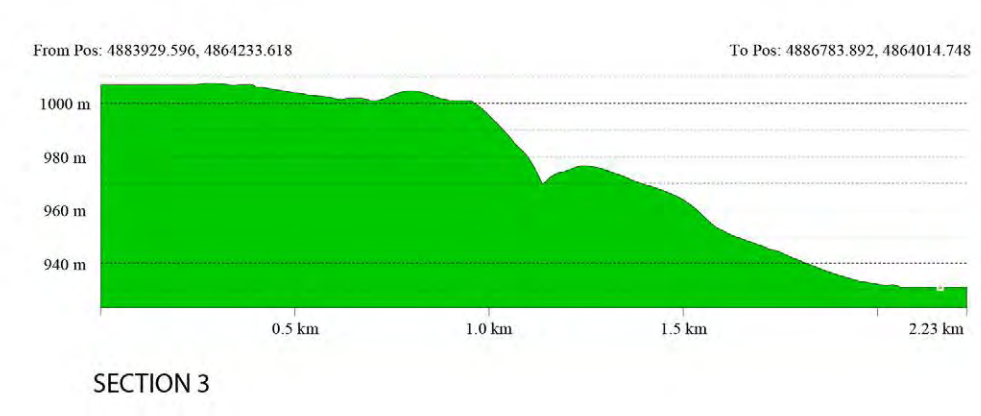
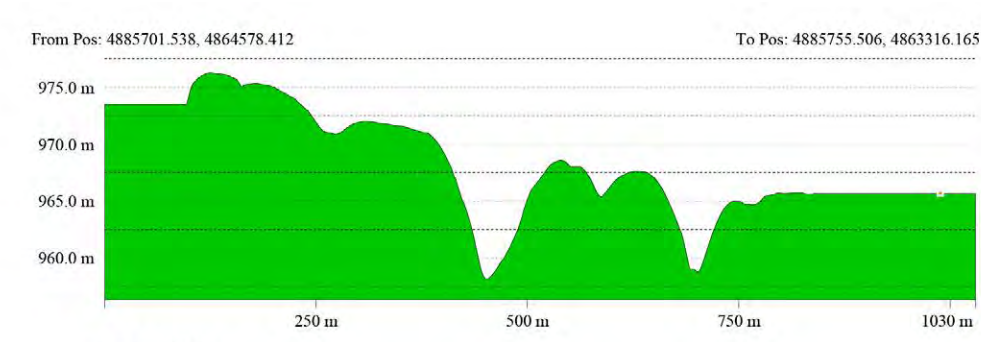
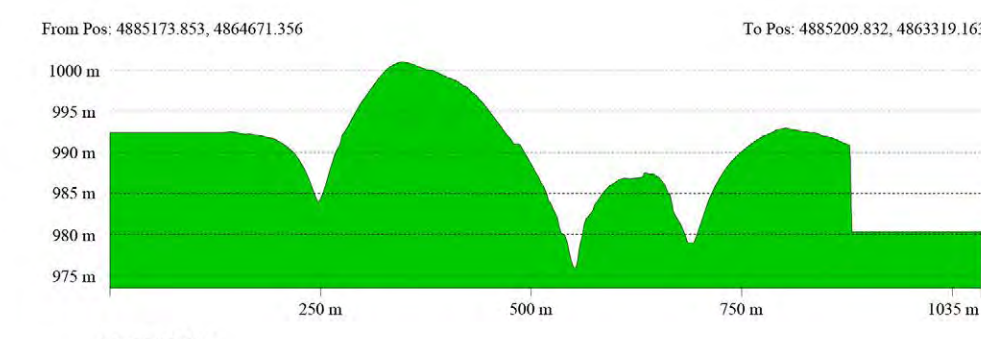
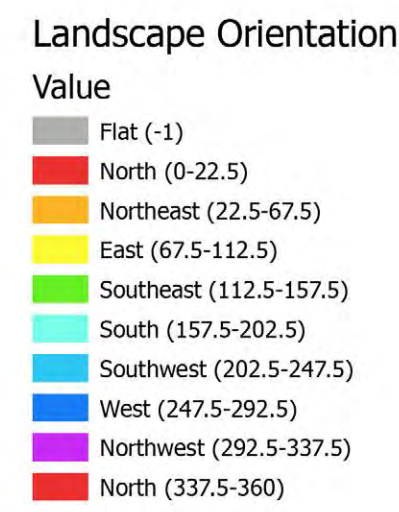
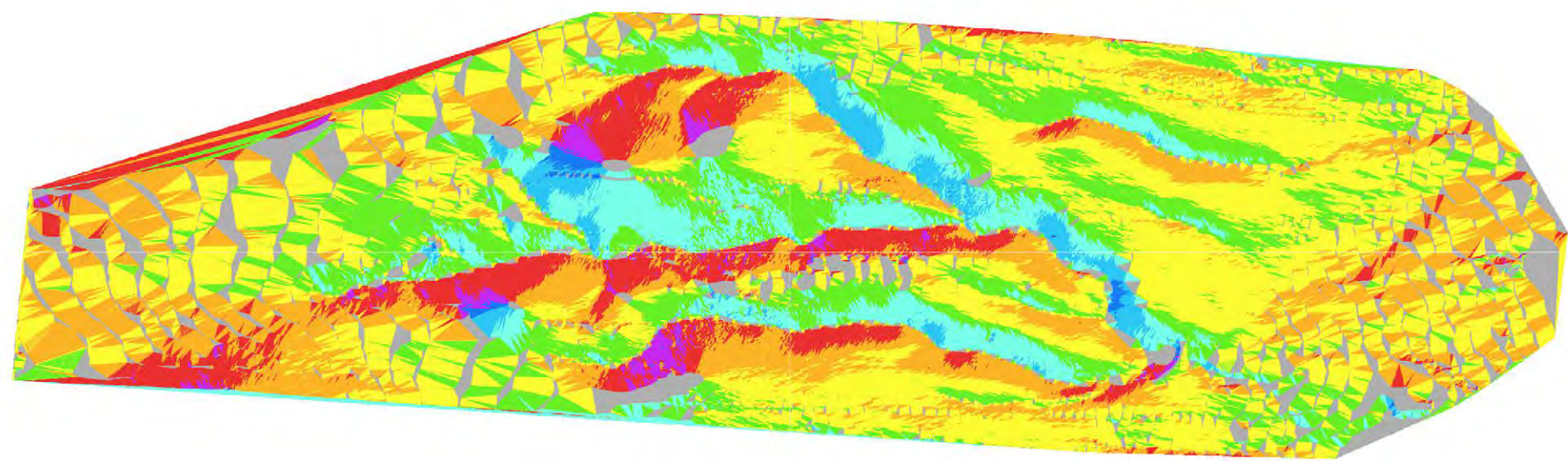


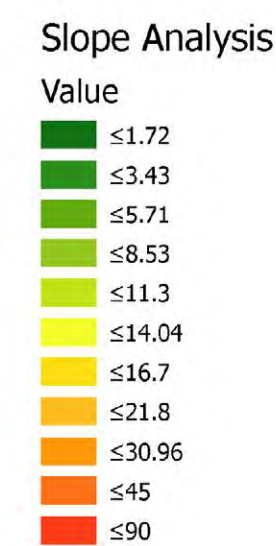
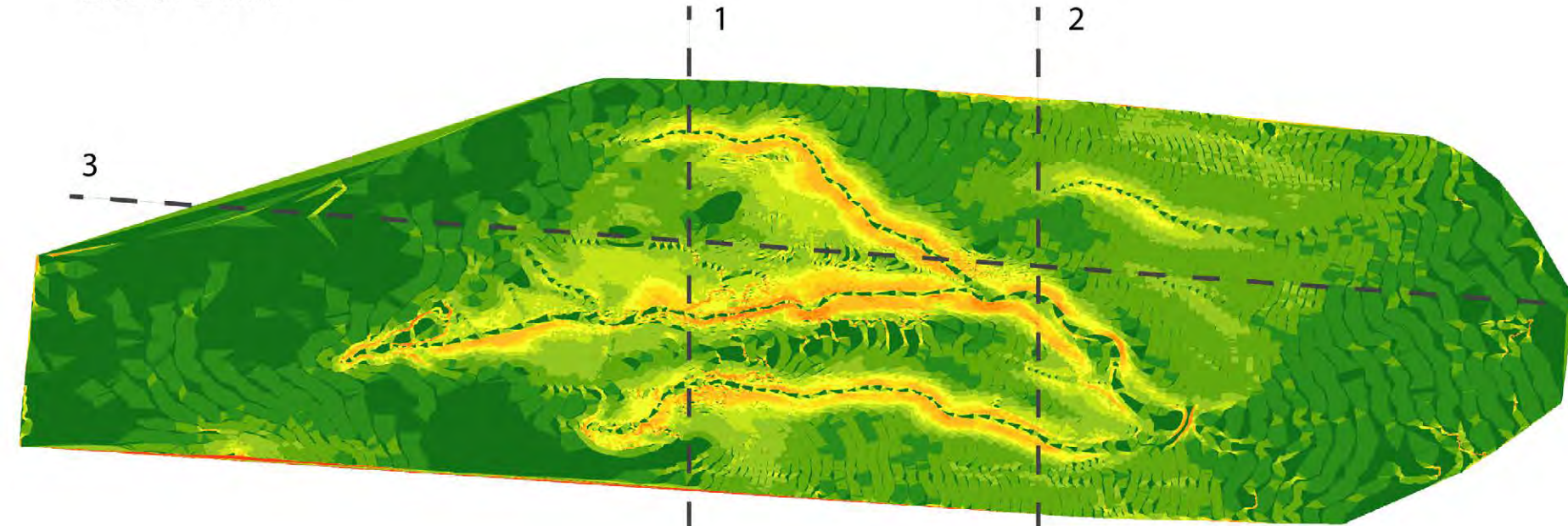
LANDSCAPE ANALYSIS - GIS TECHNOLOGIES



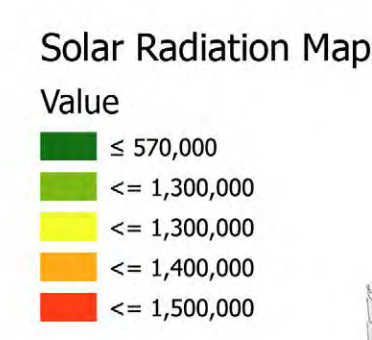
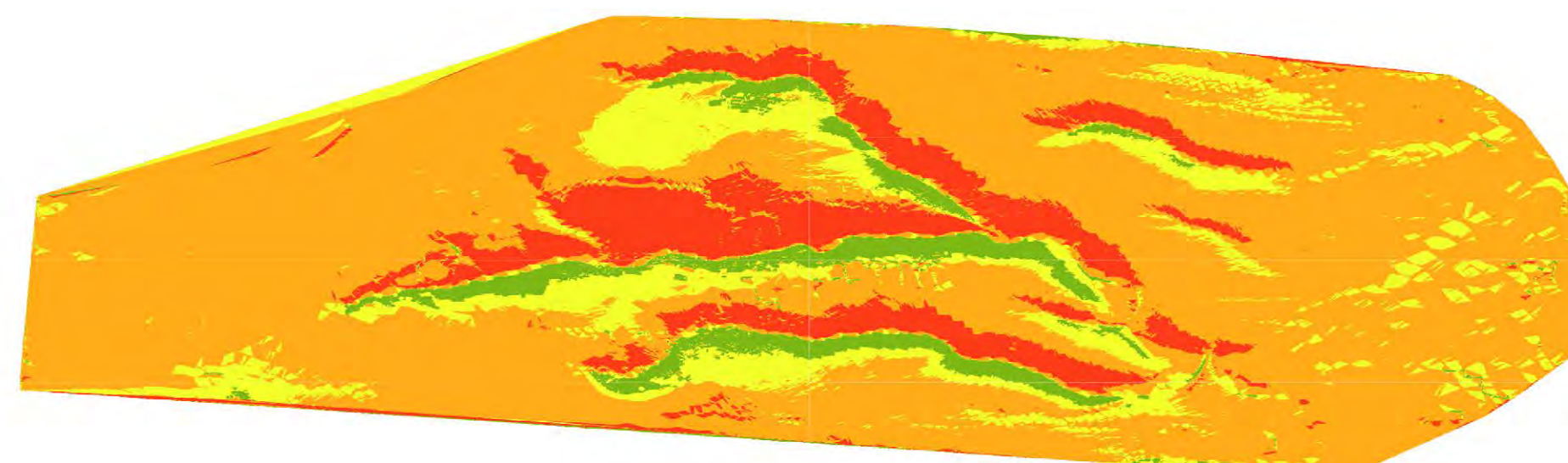
1. LANDSCAPE ASPECT MAP



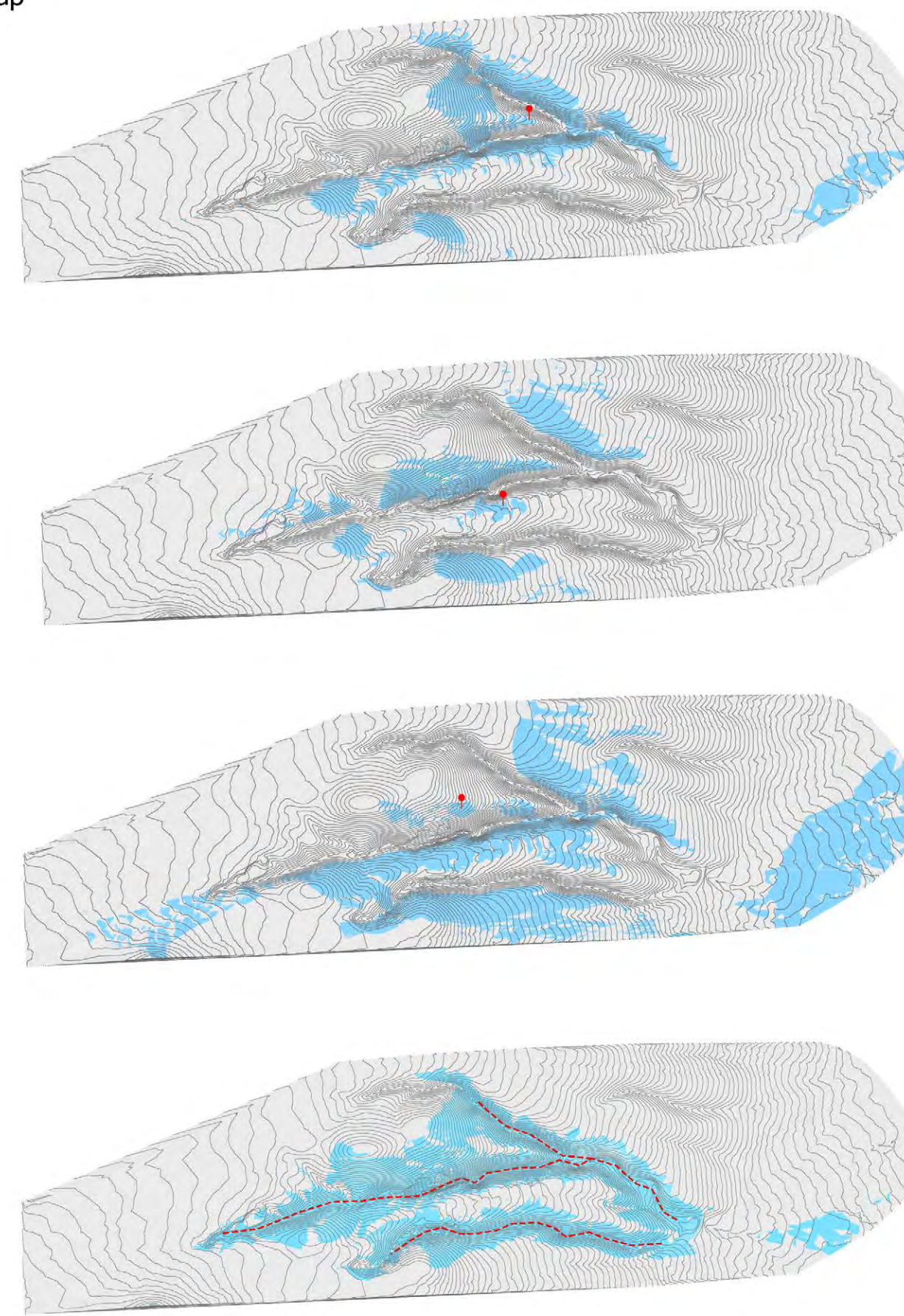
2. SLOPE MAP



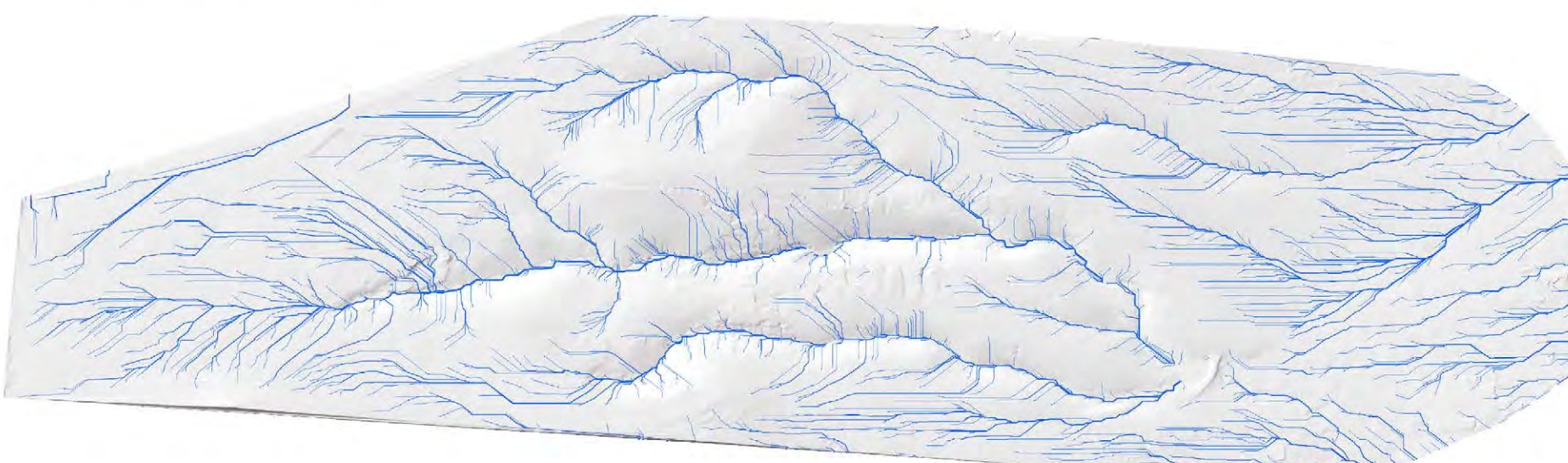
3. SOLAR RADIATION MAP



5. VIEWSHED ANALYSIS (POINT 1)

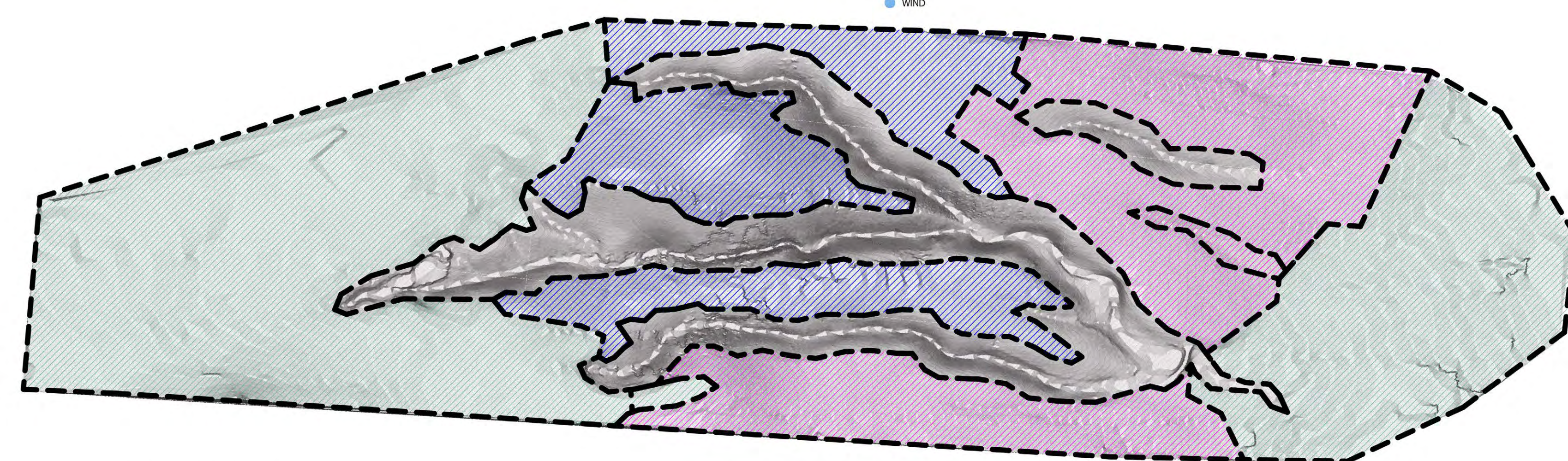
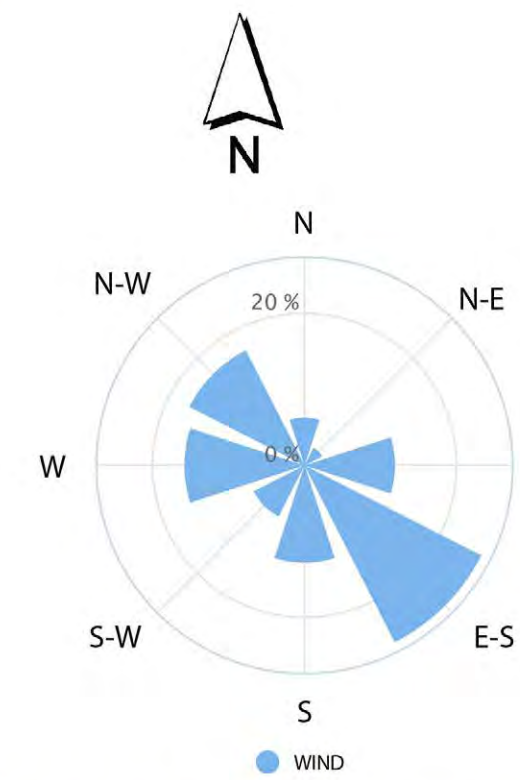


4. NATURAL DRAINAGE MAP



3. LAND FUNCTIONAL ZONING

N	N-E	E	E-S	S	S-W	W	N-W
6.3%	2.6%	11.9%	26.1%	12.8%	7.5%	15.8%	17%



SLOPE CLASSIFICATION



LOT DESCRIPTION

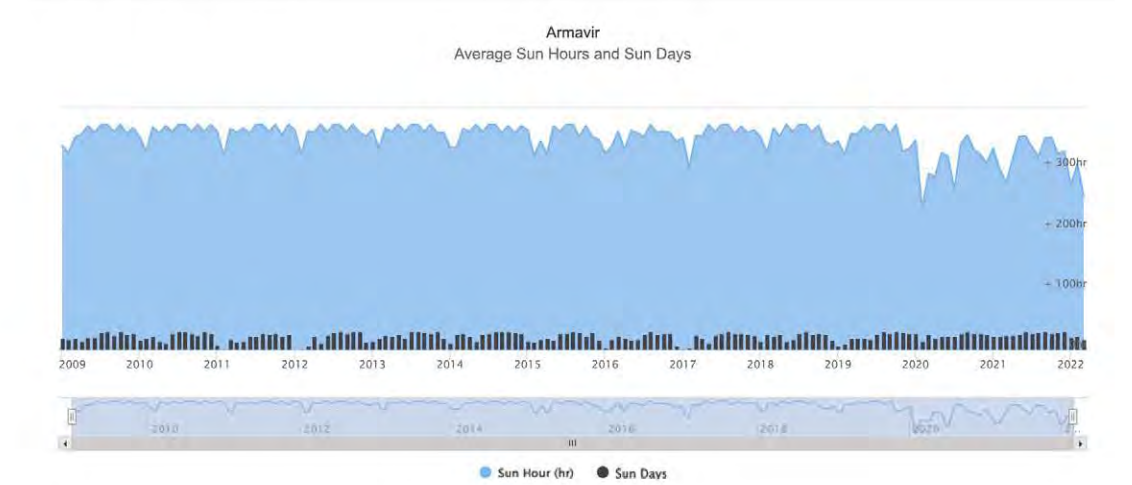
The site of our project is located in Armavir. Climate in this area is usually hot and dry. With these analytical diagrams firstly we present maps that show landscape aspect, slope, solar radiation, natural drainage. Coming from these maps we can see landscape orientations, radiations of specific areas and also the slopes. The vivid fragmentations are south and north oriented sides.

The site is divided vividly into 3 hills with natural slopes. This natural division gives an idea for zoning coming from the existing specifications of the land. Coming from this we've divided the area into specific vegetation oriented lands. As you can see, each zone is good for growing a specific tree or vegetation.

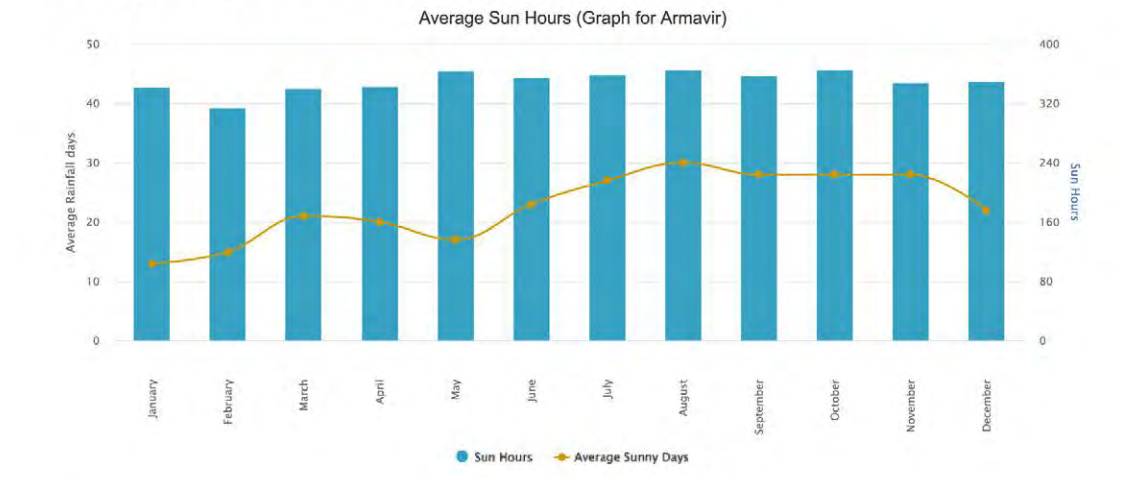
The view points are showing us the panoramic views opening up from the site. To the south-east the Mount Ararat can be seen, and to the north-south the Aragats Mountain.

CLIMATE ANALYSIS

Sun Hours and Sun Days



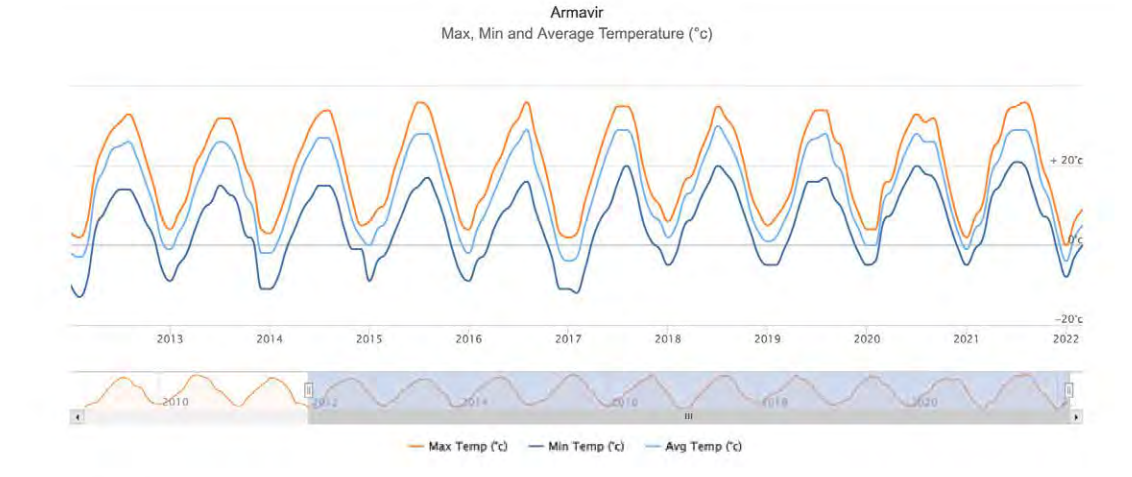
Monthly Average Sun Hours and Days



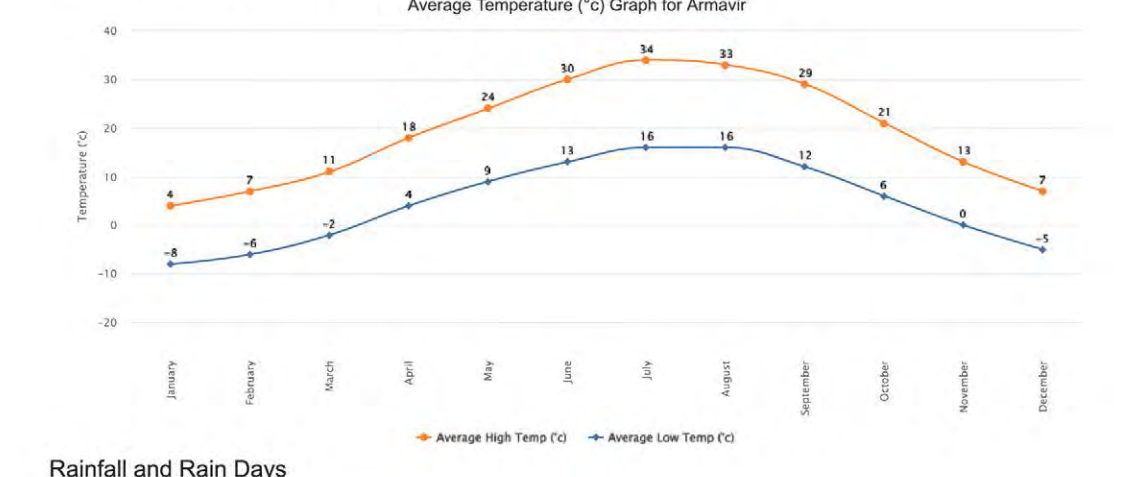
Visibility



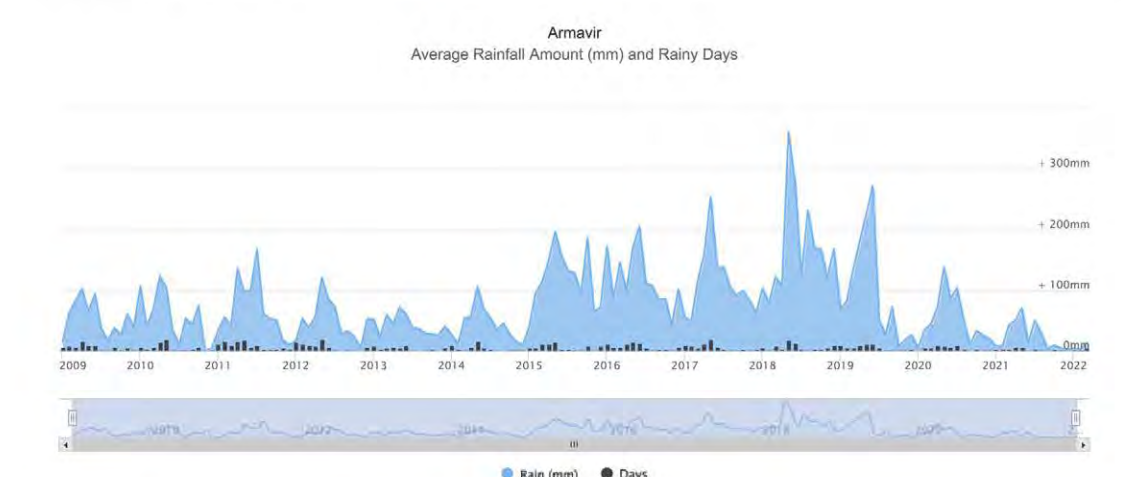
Max, Min and Average Temperature



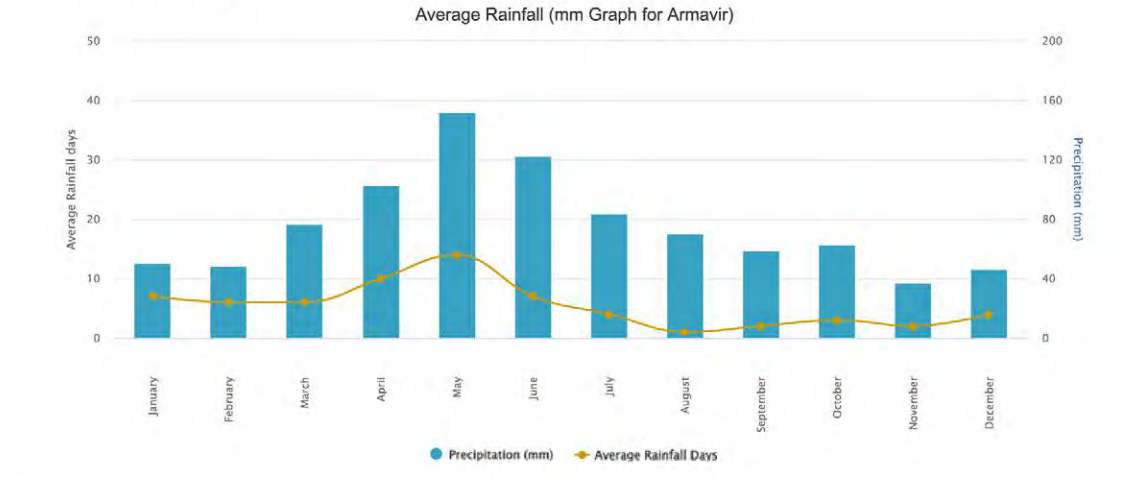
Monthly Average Temperature



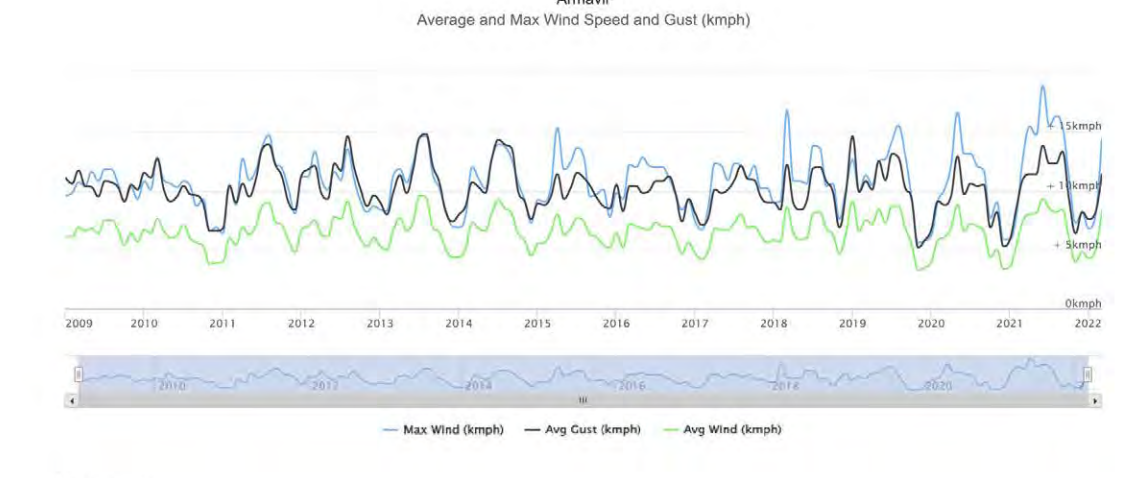
Rainfall and Rain Days



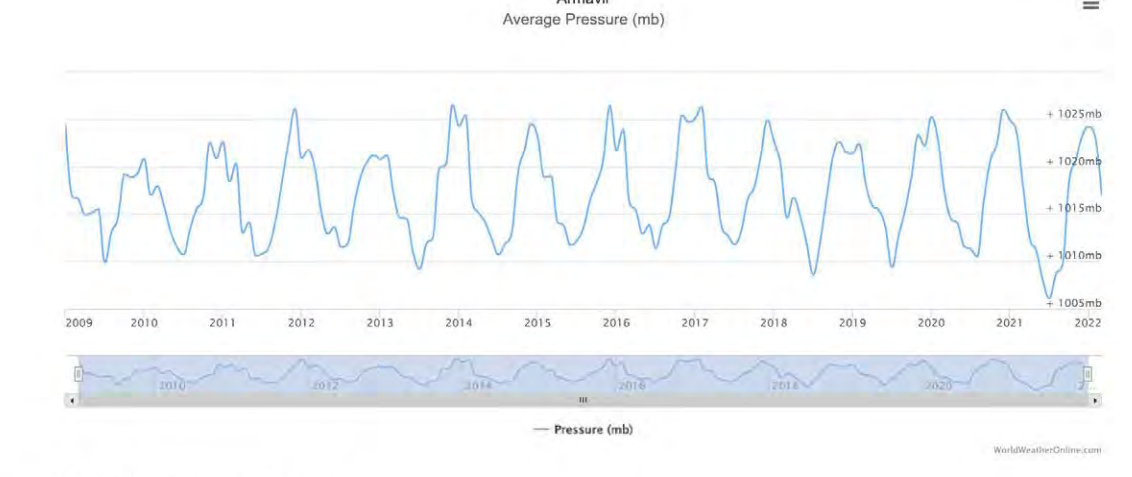
Monthly Average Rainfall



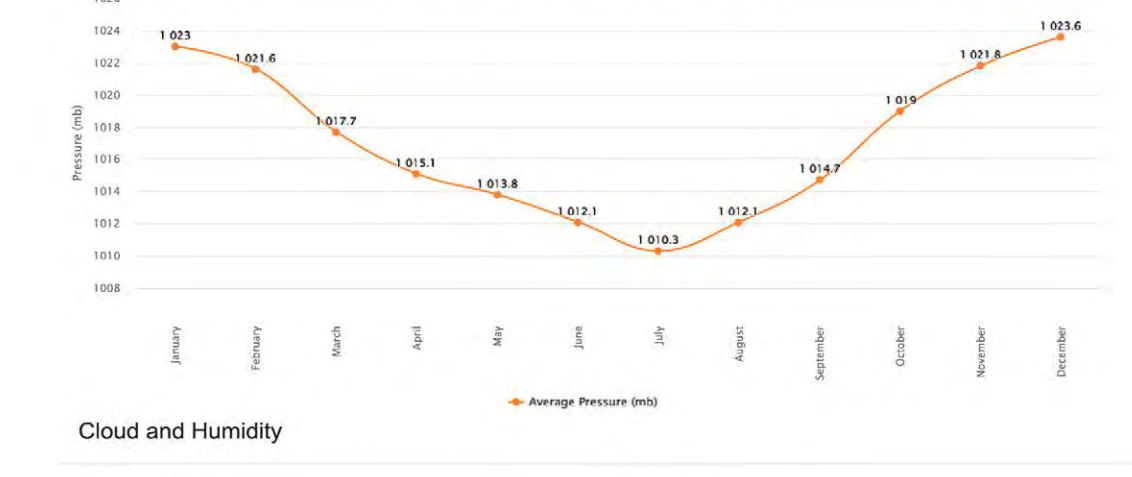
Max and Average Wind Speed and Wind Gust



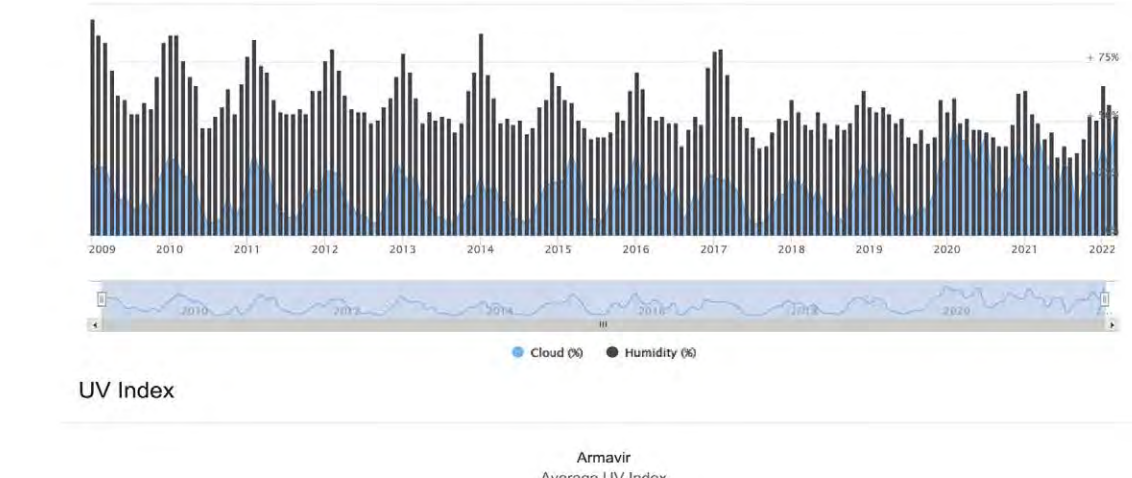
Pressure



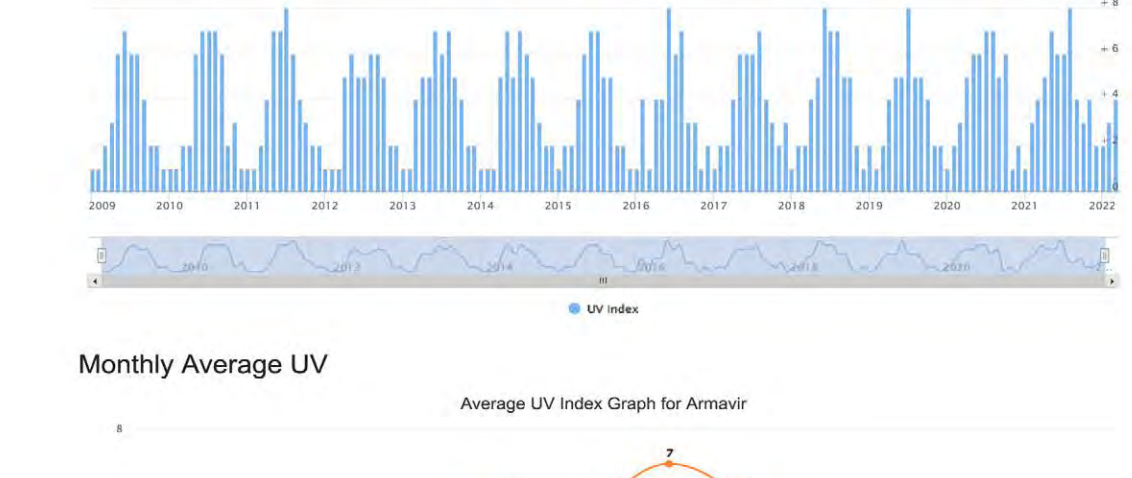
Monthly Average Pressure



Cloud and Humidity



UV Index

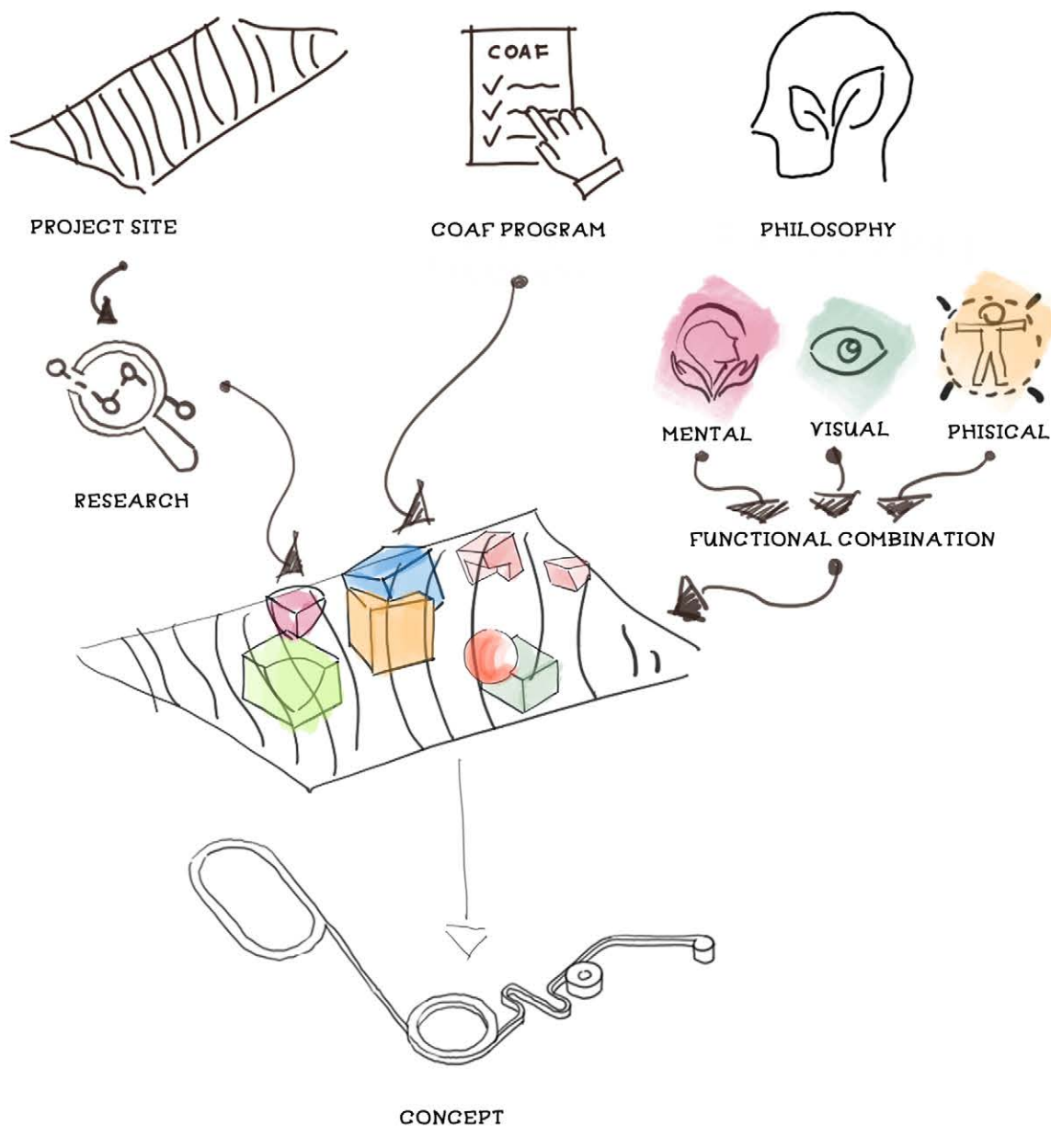


Monthly Average UV



Concept

PROJECT DEVELOPMENT ILLUSTRATION



BETTER TRANSPORTATION OPTIONS FOR ROAD CONSTRUCTION

COAF PROGRAM

PHILOSOPHY

RESEARCH

MENTAL VISUAL PHYSICAL

FUNCTIONAL COMBINATION

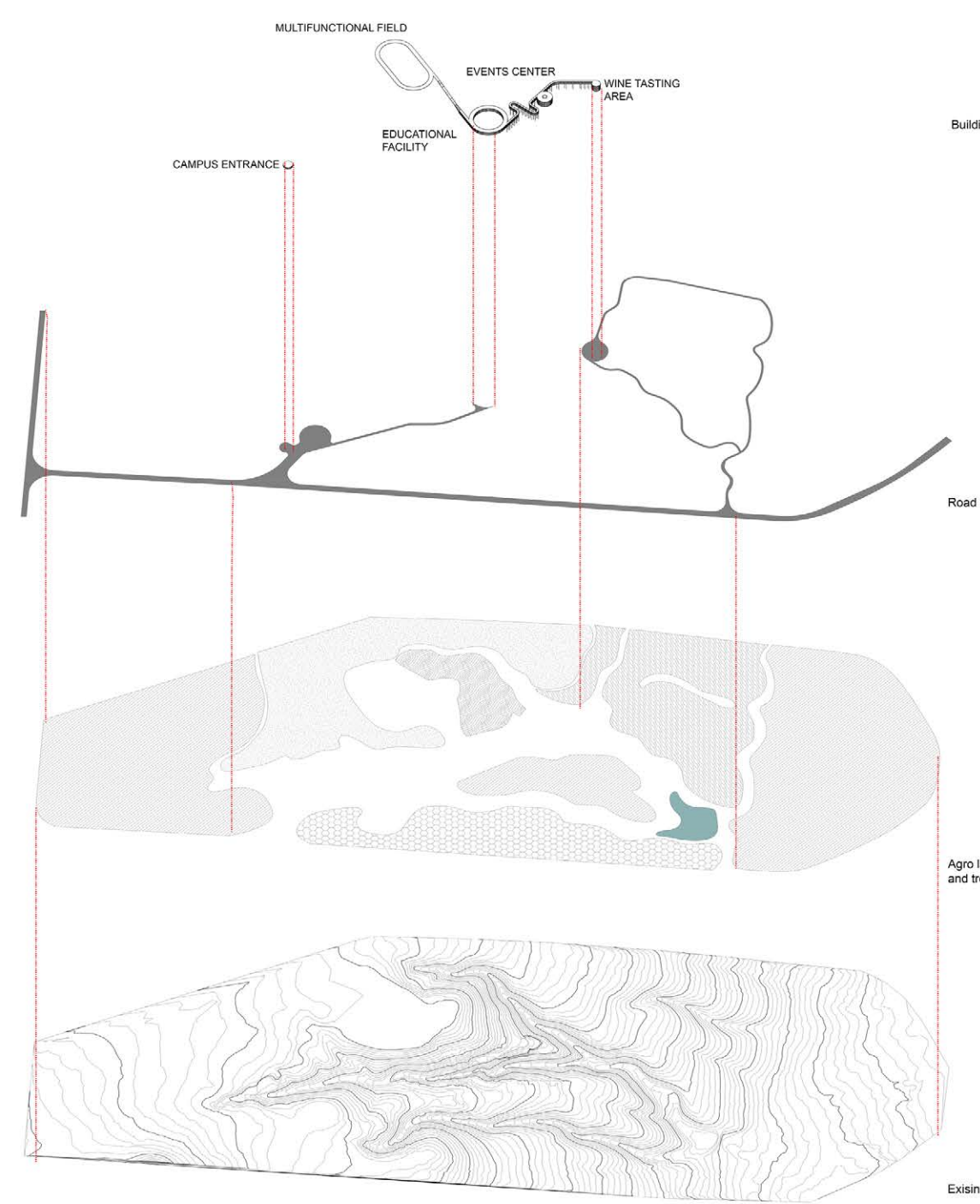
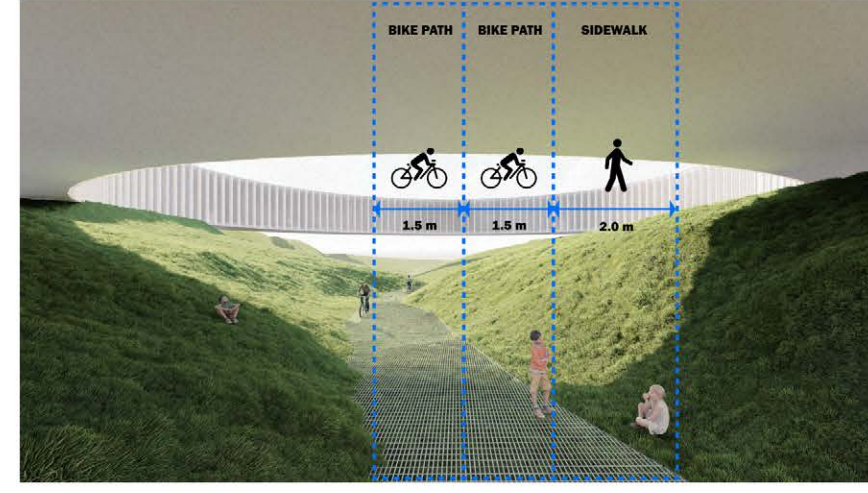
CONCEPT

What if we don't need to build just buildings in order to give spatial shape to our needs?

What if we need to synchronise and dive to nature for the desirable result?

We have started our project with these main questions. Coming from the program and analysing the site from different points, we came up with the idea of merging, layering and connecting shapes and environments. And what is more important is connecting with people, children and everyone who may be here. In one word, we have created AMALGAMATION.

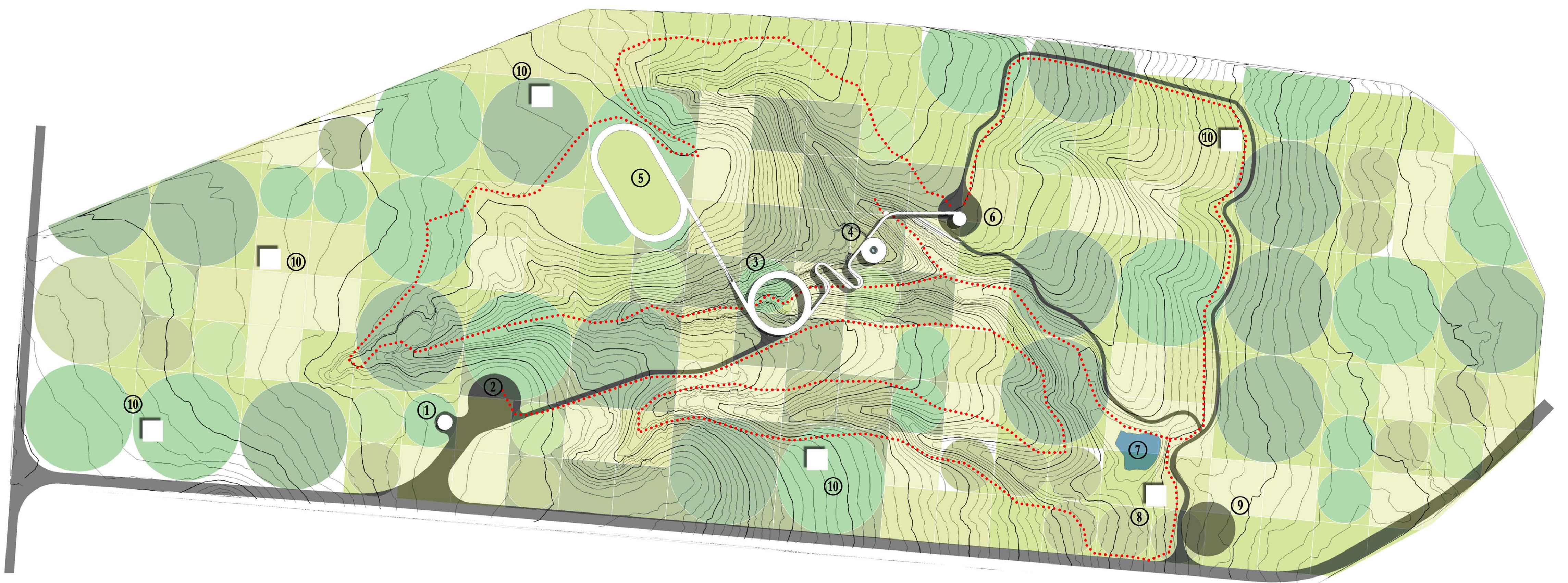
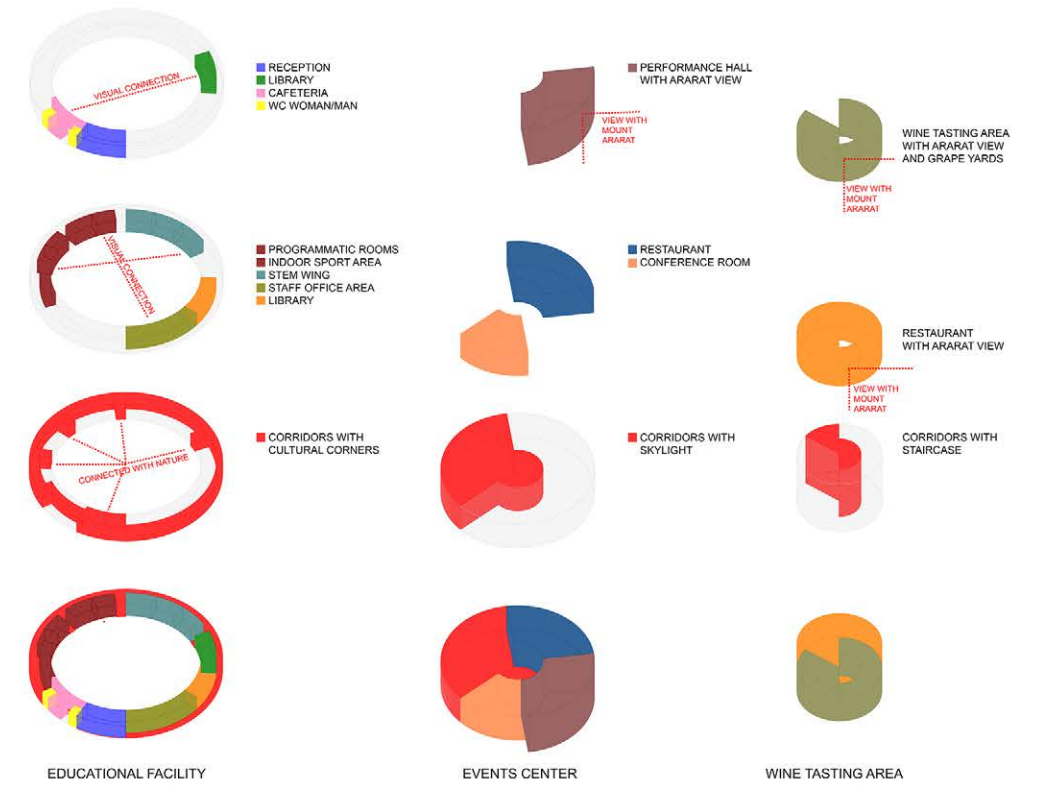
Our proposal is about creating a sustainable environment. Coming from this idea, we've created a small city with all needed infrastructure, an organism that nourishes itself. There are "pedestrian" ways as well as roads for cars and other machines. The landscape opens up to the panoramic views of Armenia.



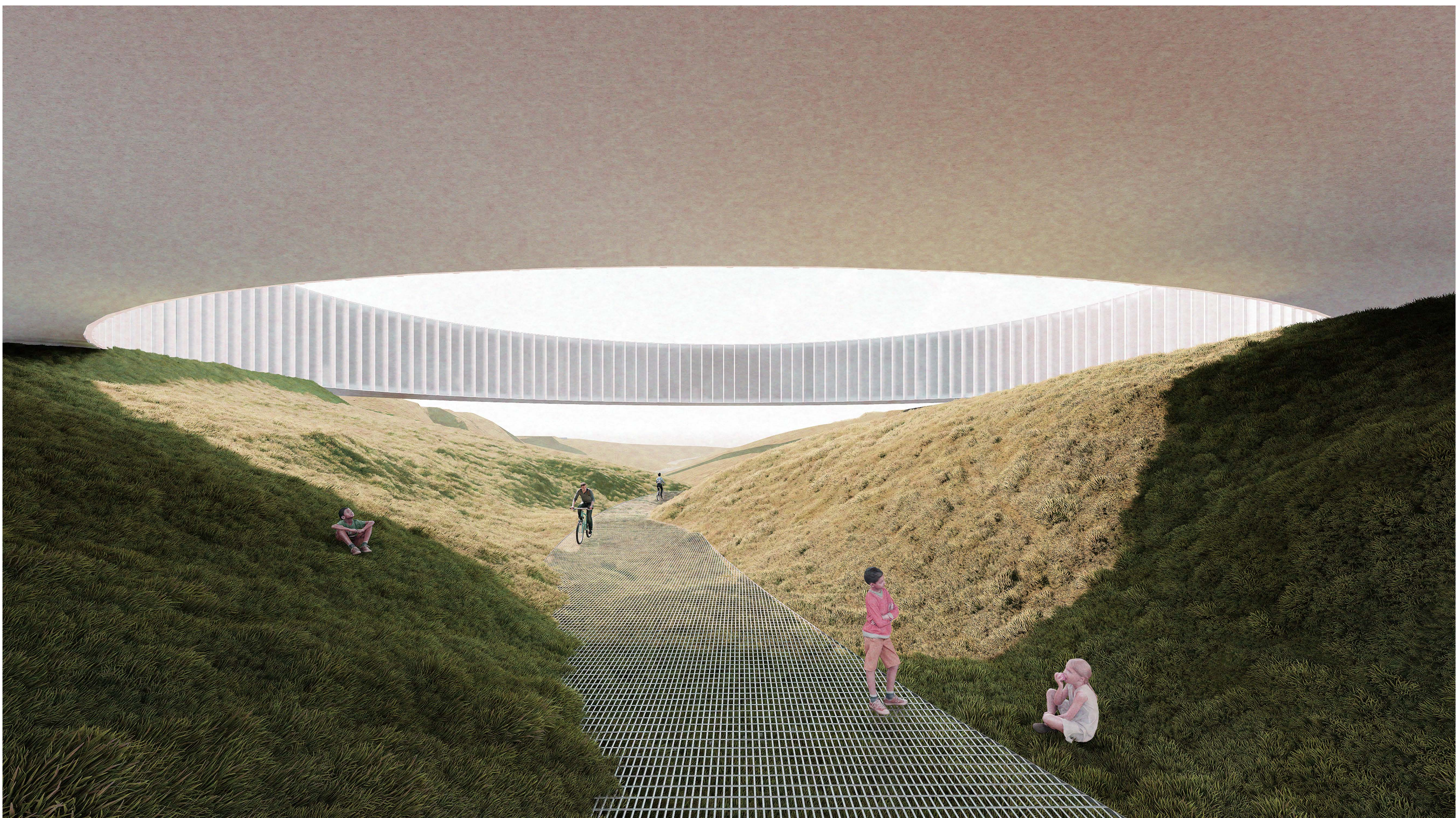
The core of our project is the land of the site. By analysing the specifications of this area, we came up with the idea of creating one large land of vegetation and trees through which we put our program. The agroland is divided into several zones. This decision came from analytical research. The main vegetation of our site is the grape land.

Buildings are set in a way to create a synchronized connection between the rooms and nature. The main building consists of educational facilities, the second one is the events center from which the panoramic view is opened.

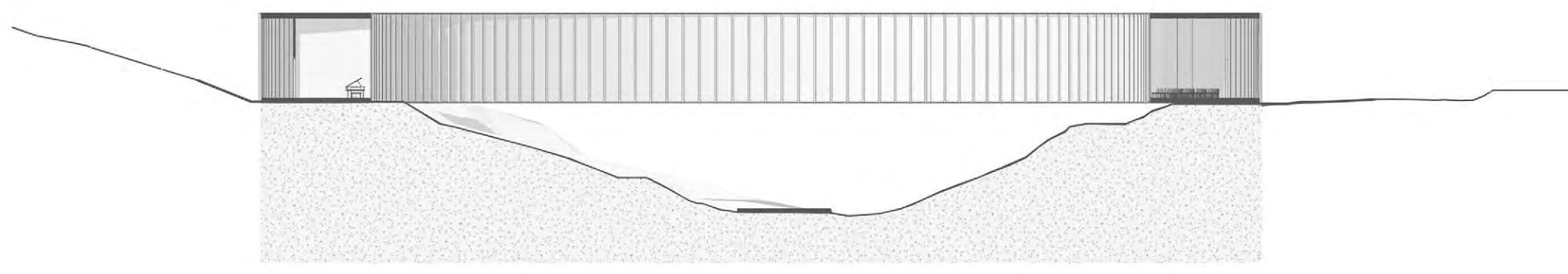
From the main halls Mount Ararat can be seen. The landscape itself makes connections between the building, such as with a natural amphitheatre.



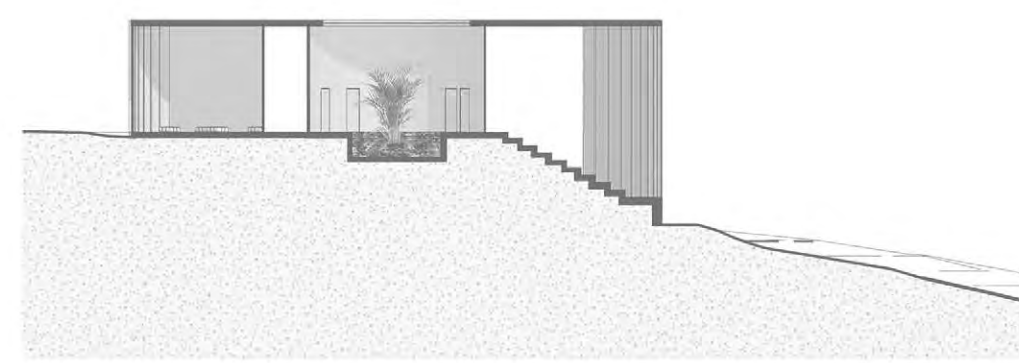
- Bike path
- Agro Lands
- ① Entrance/Guardhouse ③ Educational Facility ⑤ Sport ⑦ Water Reservoir ⑨ Service Parking
- ② Parking Area ④ Events Center ⑥ Wine Tasting ⑧ Power Transformer ⑩ Storage



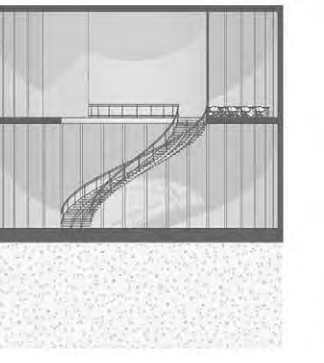
Proposal



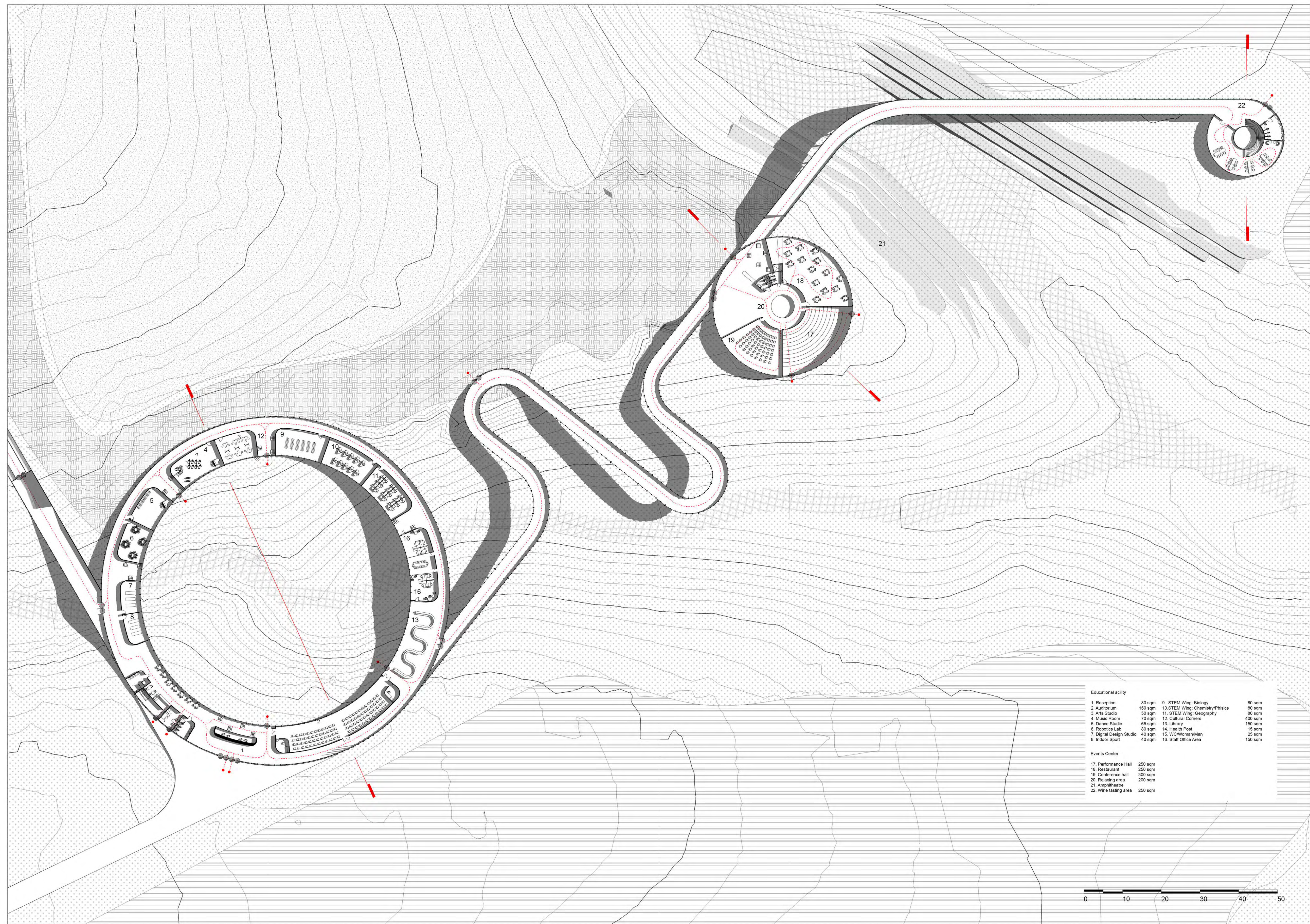
SECTION 1



SECTION 2



SECTION 3



Educational activity			
1. Reception	80 sqm	9. STEM Wing: Biology	80 sqm
2. Auditorium	150 sqm	10. STEM Wing: Chemistry/Physics	80 sqm
3. Arts Studio	50 sqm	11. STEM Wing: Geography	80 sqm
4. Music Room	70 sqm	12. Cultural Center	400 sqm
5. Dance Studio	65 sqm	13. Library	150 sqm
6. Robotics Lab	80 sqm	14. Health Post	15 sqm
7. Digital Design Studio	40 sqm	15. WC/Woman/Man	25 sqm
8. Indoor Sport	40 sqm	16. Staff Office Area	100 sqm

Events Center	
17. Performance Hall	250 sqm
18. Restaurant	250 sqm
19. Conference hall	300 sqm
20. Rehearsal area	200 sqm
21. Amphitheatre	250 sqm
22. Wine tasting area	250 sqm

