



BALANCE PUBLIC PARK



DRWINKA RIVER

Country / City  
University / School  
Academic year  
Title of the project  
Authors

Poland/ Cracow  
Cracow University of Technology  
Fall semester 2019/20  
Balance Public Park  
Aleksandra Gońda

## TECHNICAL DOSSIER

Title of the project	Balance Public Park
Authors	Aleksandra Gońda
Title of the course	Landscape Architecture Design - Public Park
Academic year	Fall semester 2019/20
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Department/Section/Program of belonging	Institute for Landscape Architecture, Faculty of Architecture
University/School	Cracow University of Technology



Written statement, short description of the project in English, no more than 250 words

Over the years the world has been facing drastic climate change. Now it is high time to make an impact on peoples respect for nature. The "Balance Public Park" project is an idea to save valuable spaces in the urban world in times of climate change. The park is located in the southern part of the city of Cracow, where the Drwinka river has its source. The project was inspired by Ayurvedic medicine, which speaks about the high need for balance in human life. Project consists of three stages that have to be completed in order to achieve balance and internal harmony. That is why, the park is divided into three zones: water, earth and fire. Its linear shape has been emphasized by minimalistic, wooden paths, which allow space users to observe it but not to interfere too much. Introduced lighting is designed to be powered by renewable energy sources, which should account for an increasing percentage of the global energy mix so that the environment is least affected. What is more, designed facilities that are in the project have gained a new function, showing that recycling is now a very important activity that should be supported. Throughout the entire length of the park there are play areas for children, where they can develop their creativity and sensibility. There are also information boards showing brief details about the park space, tips on how to breathe properly, and soundcape spaces showing importance of the sound of nature.

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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE

COUNTRY

VOIVODESHIP

CITY

MAIN IDEA

The linear terrain, emphasized by the Drwinka river, which has its source within its borders, has been connected with the motive of man's journey to the source of his existence. It consists of three stages that have to be completed in order to achieve balance and internal harmony.

MIND

SOUL

BODY

SOUNDSCAPE

MOVEMENT ZONE - BODY

A zone allowing for diversified physical activity, in order to relieve tension and release excess energy, resulting in muscle relaxation and stress relief.

- A** Natural playground that departs from conventional solutions. Designed with wooden elements, natural terrain shape, nets and ropes, focusing on the development of imagination while playing.
- B** The space designed to allow you to perform calisthenics exercises with wooden equipment.
- C** Soundscape - a separate path with surface is made of steel plates, that emit sounds while walking.

WATER ZONE - SOUL

A zone that allows the user to get to know his own body and the nature of the breath that regulates its functioning. In this zone, the user experiences and experiments, also stimulating his or her own senses to discover that the breath with the body is one.

- D** The place for practicing yoga, develops the
- E** This is where you are engaged to explore the space with all your senses and your own body. Space filled by paths with different surfaces and scented areas.
- F** Breathing zone, dedicated to learning how to breathe properly, to focus, self-control and calm down.
- G** Soundscape in the form of an instrument that changes the pitch depending on the water level in a stream.
- H** A vantage point developing the perception of the surrounding world.

THE FIRE ZONE - MIND

This zone is the final stage of the path where man has discovered his own body and mastered the art of breathing, and as a result he is ready to be reconciled with his own mind.

- I** Soundscape - a corner that focuses the viewer's attention on the most natural sounds in space, the rustling of grasses and leaves, and the sound of water.
- J** The zone of silence - a narrow path between dense bushes, helps to calm down and break away from the surrounding reality. The whole length of the path should be passed in silence.
- K** Meditation zone - the silenced user can devote himself to contemplation, learning attention and working on his own mind.
- L** Nirvana zone - a place where you can rest and devote yourself to reading literature.



ANALYSIS AND MAIN IDEA

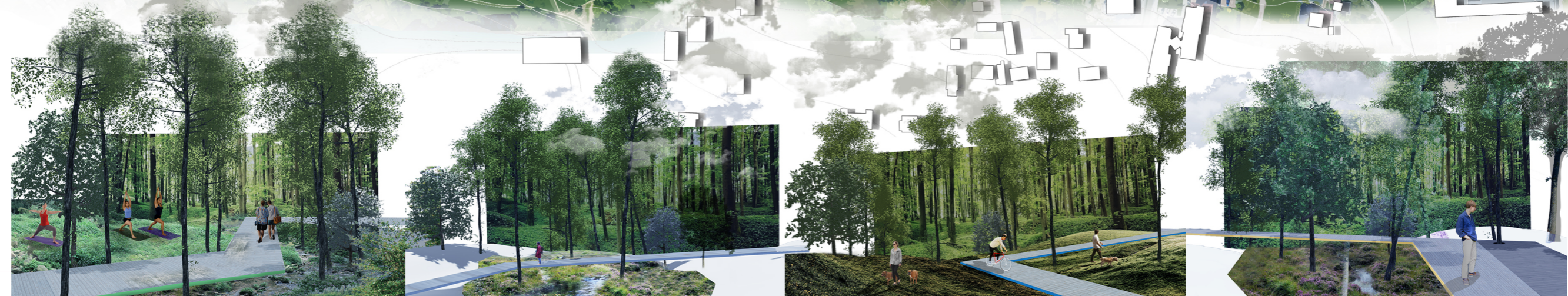
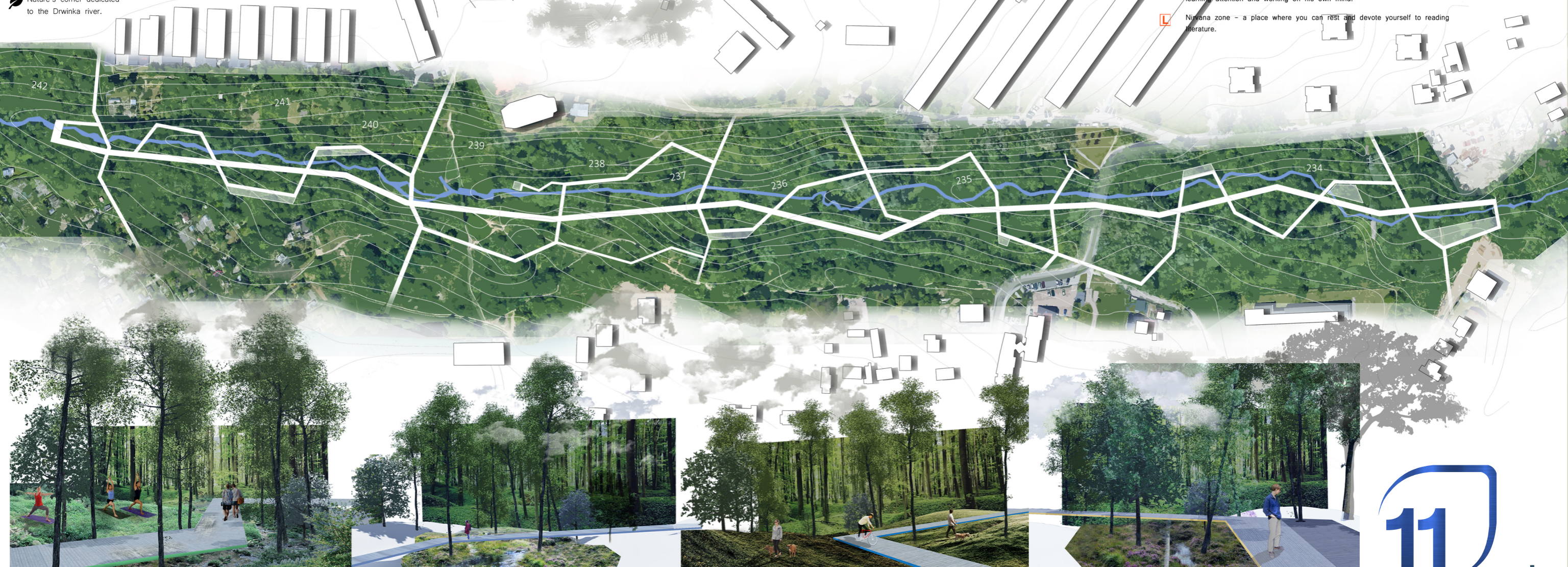


PARK ELEMENTS:

- i** Information point
- 👤** Place for an outdoor event
- 🌿** Decorative garden
- 🐕** Dog run
- 🎒** Place for an outdoor lesson
- 🎨** Landart
- 👥** Main entrance/ place for an outdoor gathering
- 🌿** Nature's corner dedicated to the Drwinka river.

COMMUNICATION DESIGN:

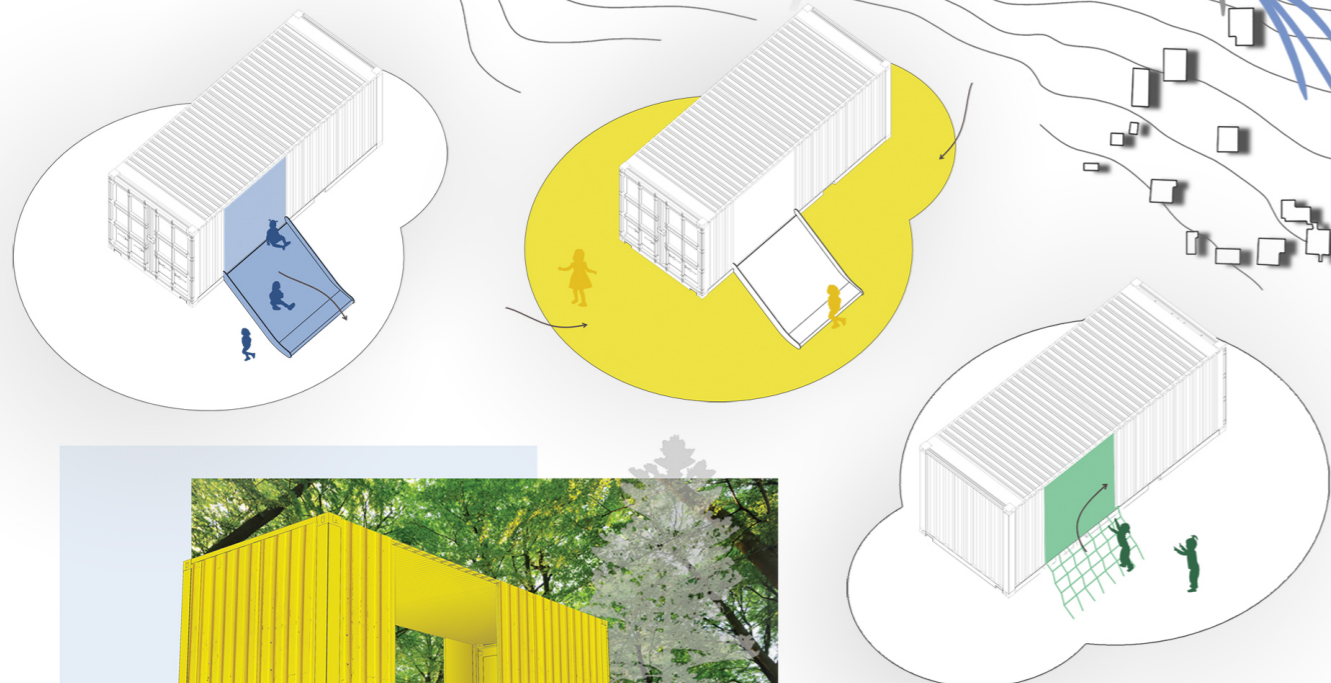
- Main path
- ⋯** Sideway paths
- Pathways leading to the housing estates





ECO FOREST PLAY AREA

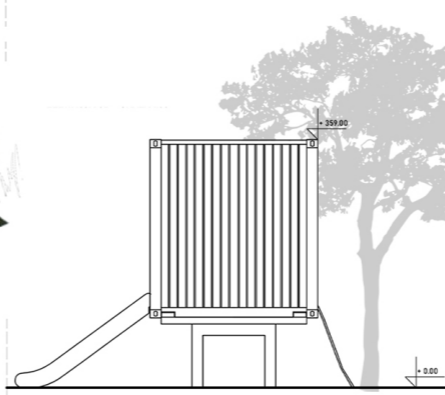
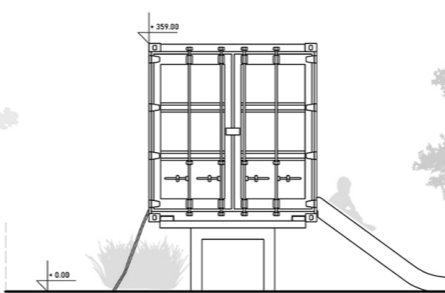
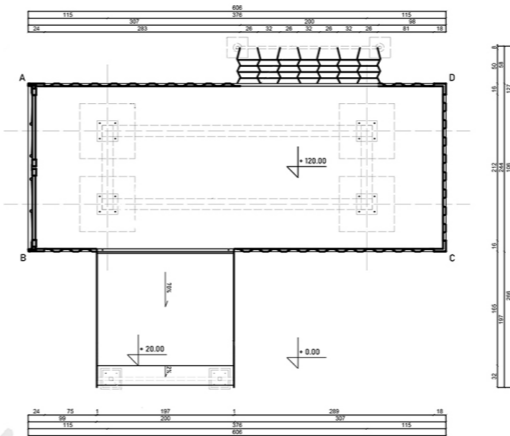
FUNCTION SCHEME



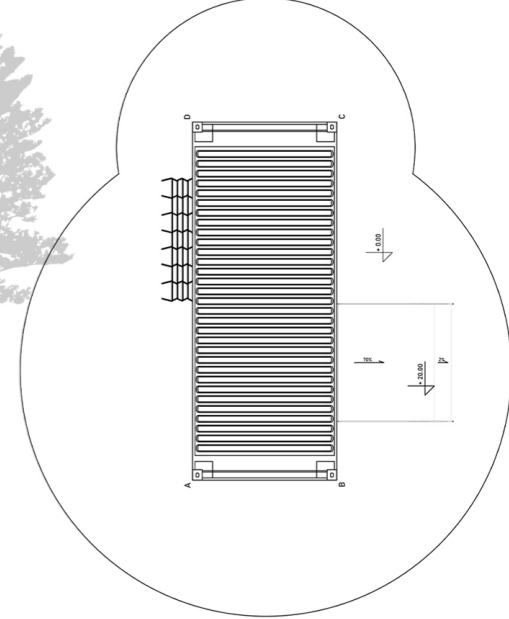
PLAY AREA CONCEPT



TECHNICAL ANALYSIS

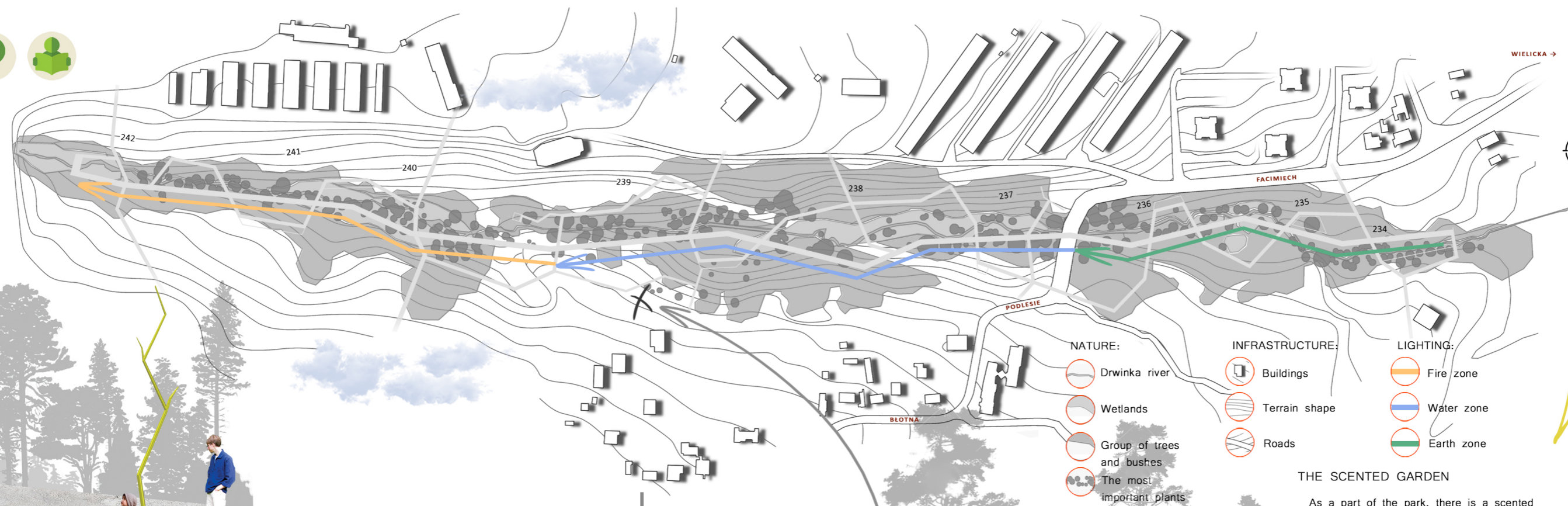


INTO THE WILD  
The design of space in this section of the park is based on the use of the natural form of the surroundings. The idea was to create an ecological space for children. This is how the play area project was created, using an old, unusable for its original purpose shipping container with a combination of a slide and a ladder. What is more, children are surrounded by a friendly forest space, where they should develop their creativity, sensibility and respect for nature while playing in the wild. The project is based on the use of natural terrain shape, reused materials and the idea to bring back to life objects that are no longer fulfilling their original function.





GETTING CLOSER TO NATURE



- NATURE:**
- Drwinka river
  - Wetlands
  - Group of trees and bushes
  - The most important plants
- INFRASTRUCTURE:**
- Buildings
  - Terrain shape
  - Roads
- LIGHTING:**
- Fire zone
  - Water zone
  - Earth zone

**THE SCENTED GARDEN**

As a part of the park, there is a scented garden, designed with elements of small architecture inspired by nature.



**NATURE FRIENDLY**

In the designed space you can find various objects for rest, which are inspired by nature and are designed to bring people closer to nature.



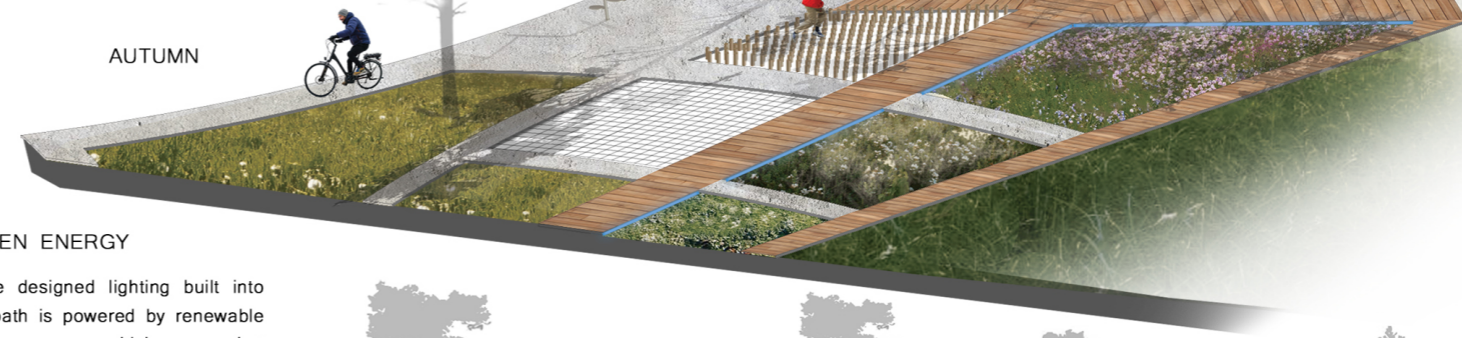
**GREEN ENERGY**

The designed lighting built into the path is powered by renewable energy sources, which means that the consumption of energy resources needed to make the LEDs light, does not adversely affect the environment. The park path is divided into 3 parts which is reflected in 3 different colors of LEDs.

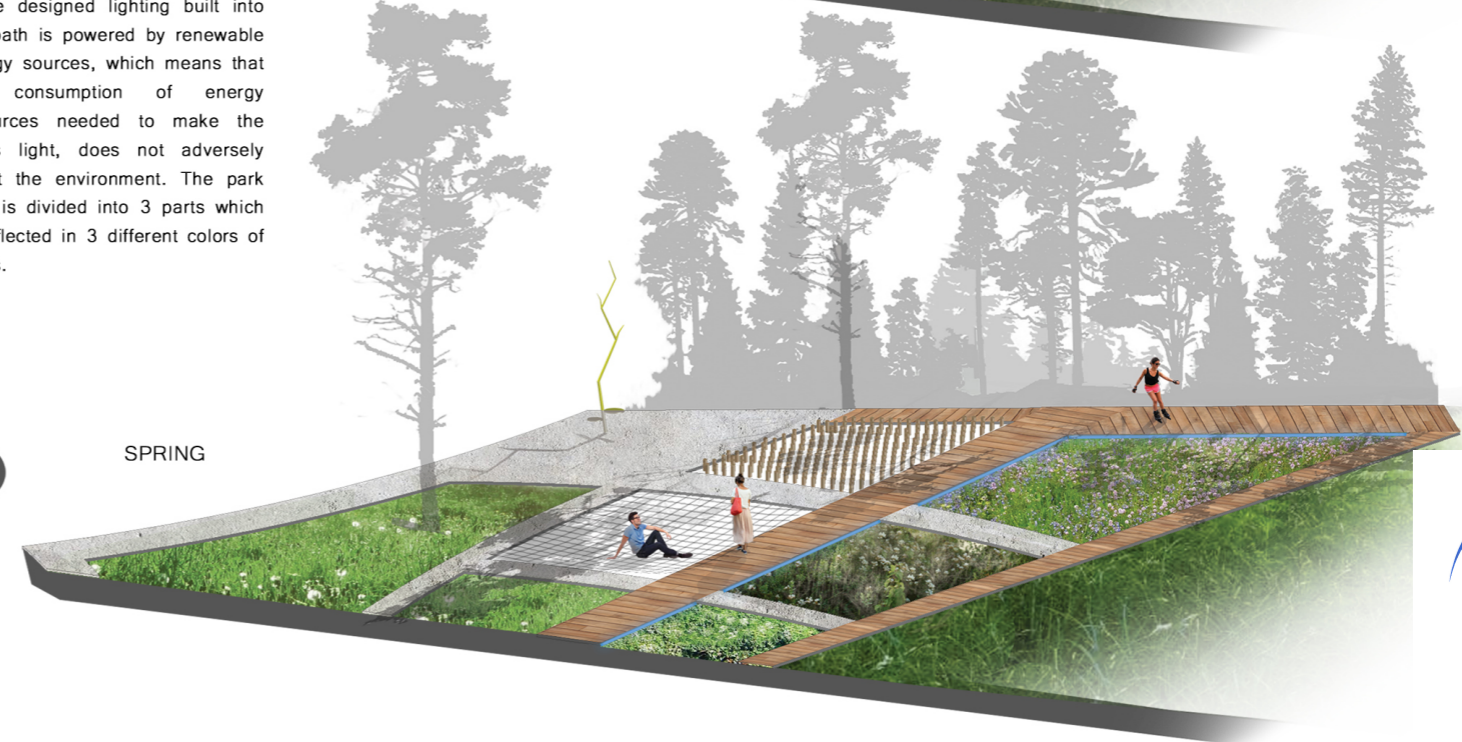


**LEVEL OF EDUCATION**

Along the path you can find information boards about the park's functions, the greenery of the place and the history of the Drwinka river.



AUTUMN



SPRING