



**HUNGRIAN UNIVERSITY OF AGRICULTURE AND LIFE
SCIENCES THE FACULTY OF LANDSCAPE ARCHITECTURE,
BUDAPEST**

**MASTER OF LANDSCAPE ARCHITECTURE AND GARDEN
DESIGN**

**DESINING THE GREEN SPACE ON THE EDGE OF THE
GORGAN CANAL**

TYPE A

AUTHOR: MONA ESMAILIE

ADVISOR: DRAGÁN PETRA

BUDAPEST, 2024

DESIGNING THE GREEN SPACE ALONG THE GORGAN CANAL



ANALYSIS

. SITE INTRODUCING

. Site Location



. historical research of the site



. Function around the site



. Accessibilities



. Route system, Traffic, Public transportation



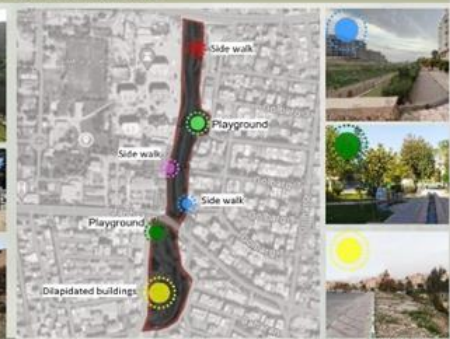
. User



. Site boundary



. Current situation



Mona Esmailie

DEPARTMENT OF GARDEN AND OPEN SPACE DESIGN



SUPERVISOR: PETRA DRAGAN

Type A



INSTITUTE OF LANDSCAPE ARCHITECTURE, URBAN PLANNING AND GARDEN ART AND SCULPTURE AND GARDEN DESIGN PROGRAMME

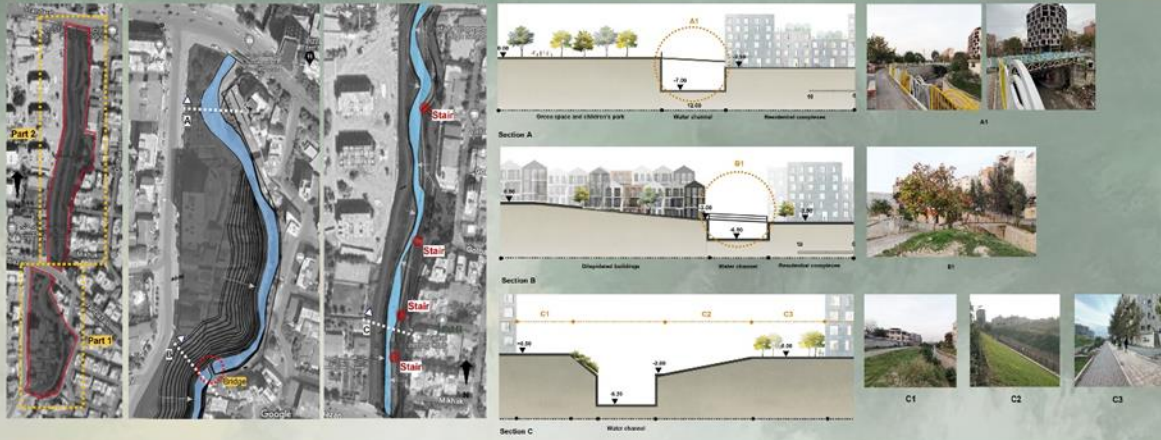
DESIGNING THE GREEN SPACE ALONG THE GORGAN CANAL



ANALYSIS

. SITE INTRODUCING

. Topography



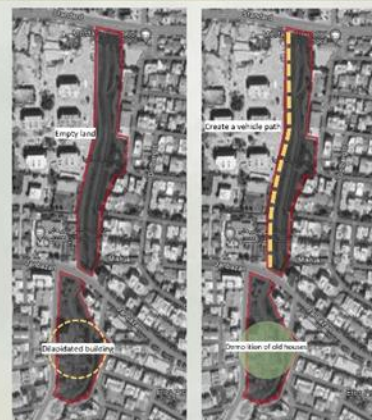
. Water Canal



. Plant analysis



. Urban development map



Mona Esmailie

DEPARTMENT OF GARDEN AND OPEN SPACE DESIGN



SUPERVISOR: PETRA DRAGON

Type A



INSTITUTE OF LANDSCAPE ARCHITECTURE, URBAN PLANNING AND GARDEN ART
LANDSCAPE ARCHITECTURE AND GARDEN DESIGN PROGRAMME

DESIGNING THE GREEN SPACE ALONG THE GORGAN CANAL



ANALYSIS

. SITE INTRODUCING

. Values map



. Conflicts



. DESIGN PROCESS

. Strategy, Design strategy

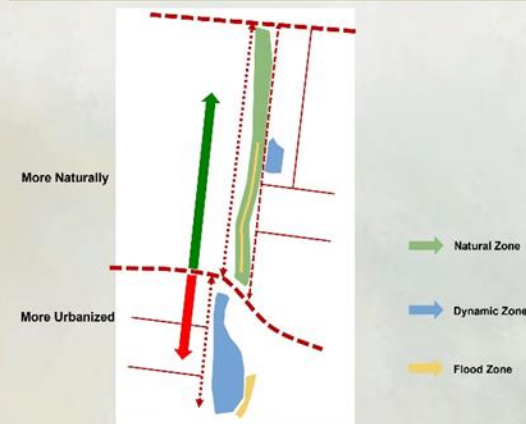
Strategy	Urban Renewal and Connectivity	Aesthetic Enhancement	Long-term Sustainability	Canal water management
<p>Easy access with city connection near to suitable green space</p> <p>Variable green space</p> <p>Creating a good ambience in the urban context</p> <p>Promoting biodiversity</p> <p>Many spaces for all ages and disabled people</p> <p>Follow a green line along the canal</p>	<p>Physical and mental health</p> <p>Create zone of interest</p> <p>Activity area</p>	<p>Sustainable design</p> <p>Reference to the site</p> <p>Use of environmentally friendly materials</p> <p>Native vegetation</p> <p>Responsible vegetation</p> <p>Use of clean energy</p> <p>Use of water parks</p> <p>Provide an area available to people on the canal</p>	<p>Canal water management</p> <p>Water Quality Improvement</p> <p>Flood management</p> <p>Ecological system</p>	

. Concept

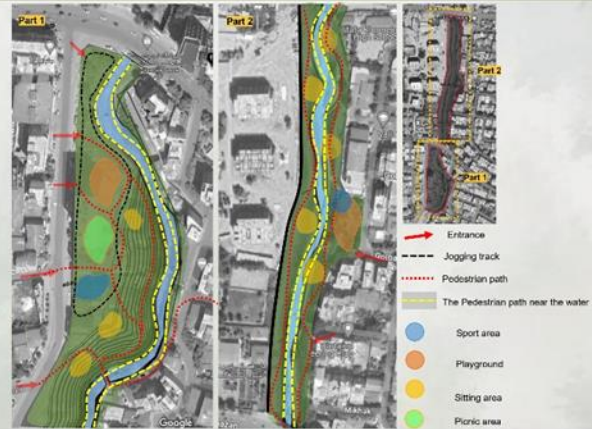
Creating a dynamic atmosphere and a beautiful view in the context of the city



. Functions



. Bubble diagram



. Inspirational pictures



Mona Esmailie

DEPARTMENT OF GARDEN AND OPEN SPACE DESIGN



SUPERVISOR: PETRA DRAGON

Type A



INSTITUTE OF LANDSCAPE ARCHITECTURE, URBAN PLANNING AND GARDEN ART
LANDSCAPE ARCHITECTURE AND GARDEN DESIGN BA PROGRAMME

DESIGNING THE GREEN SPACE ALONG THE GORGAN CANAL

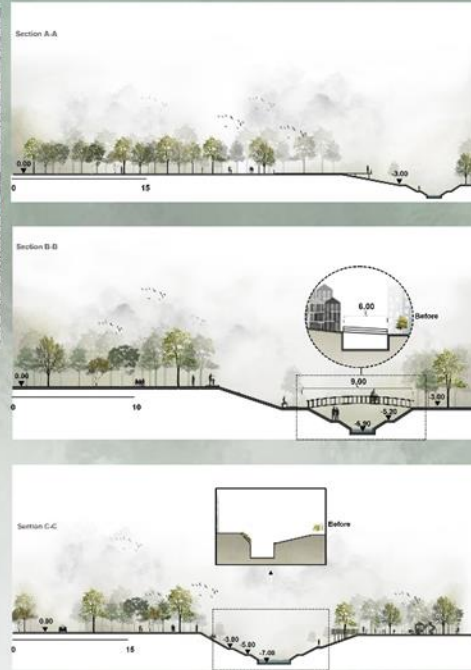


DESIGN

. Master plan

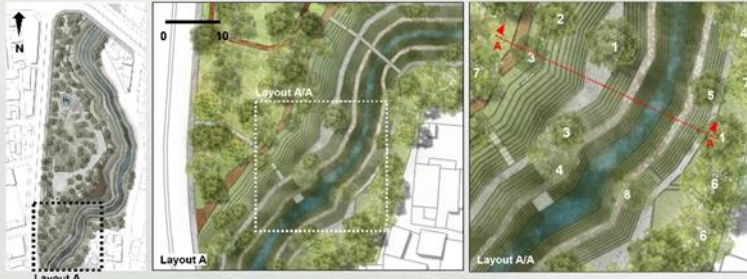


. Sections

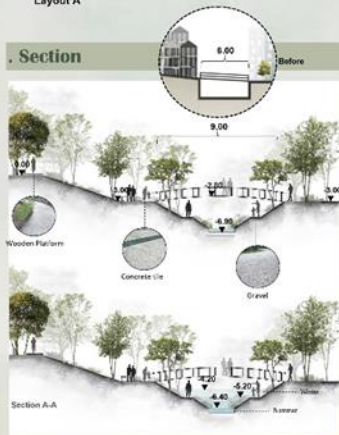


- 1 Entrance
- 2 Ramp and stair
- 3 Sitting area
- 4 Playground
- 5 Picnic area
- 6 Sport area
- 7 Jogging track
- 8 Bridge
- 9 Pedestrian

. Plant concept



- 1. Tilia begoniifolia
- 2. Fagus orientalis
- 3. Albizia julibrissin
- 4. Acer velutinum
- 5. Juglans regia
- 6. Alnus subcordata
- 7. Parrotia persica



. Visualization



. Material



Mona Esmailie

DEPARTMENT OF GARDEN AND OPEN SPACE DESIGN



SUPERVISOR: PETRA DRAGON

Type A



INSTITUTE OF LANDSCAPE ARCHITECTURE, URBAN PLANNING AND GARDEN ART
LANDSCAPE ARCHITECTURE AND GARDEN DESIGN PROGRAMME

DECLARATION

on authenticity and public access of final essay/thesis/master's thesis/portfolio¹

Student's name: **Mona Esmailie**
Student's Neptun ID: **ZUWAIK**
Title of the document: **Designing the green space along the Gorgan canal.**
Year of publication: **2024**
Department: **Green and open space design**

I declare that the submitted final essay/thesis/master's thesis/portfolio² is my own, original individual creation. Any parts taken from another author's work are clearly marked, and listed in the table of contents.

If the statements above are not true, I acknowledge that the Final examination board excludes me from participation in the final exam, and I am only allowed to take final exam if I submit another final essay/thesis/master's thesis/portfolio.

Viewing and printing my submitted work in a PDF format is permitted. However, the modification of my submitted work shall not be permitted.

I acknowledge that the rules on Intellectual Property Management of Hungarian University of Agriculture and Life Sciences shall apply to my work as an intellectual property.

I acknowledge that the electric version of my work is uploaded to the repository system of the Hungarian University of Agriculture and Life Sciences.

Place and date: **Budapest, 2024.04.25**

Mona Esmailie 
Student's signature

¹Please select the one that applies, and delete the other types.

²Please select the one that applies, and delete the other types.


STATEMENT ON CONSULTATION PRACTICES

As a supervisor of **Mona Esmailie** (Student's name) **ZUWAIK** (Student's NEPTUN ID), I here declare that the final essay/thesis/master's thesis/portfolio¹ has been reviewed by me, the student was informed about the requirements of literary sources management and its legal and ethical rules.

I recommend/don't recommend² the final essay/thesis/master's thesis/portfolio to be defended in a final exam.

The document contains state secrets or professional secrets: yes no^{*3}

Place and date: **Budapest, 2024.04.25**



Internal supervisor

¹ Please select applicable and delete non-applicable.

² Please underline applicable.

³ Please underline applicable.