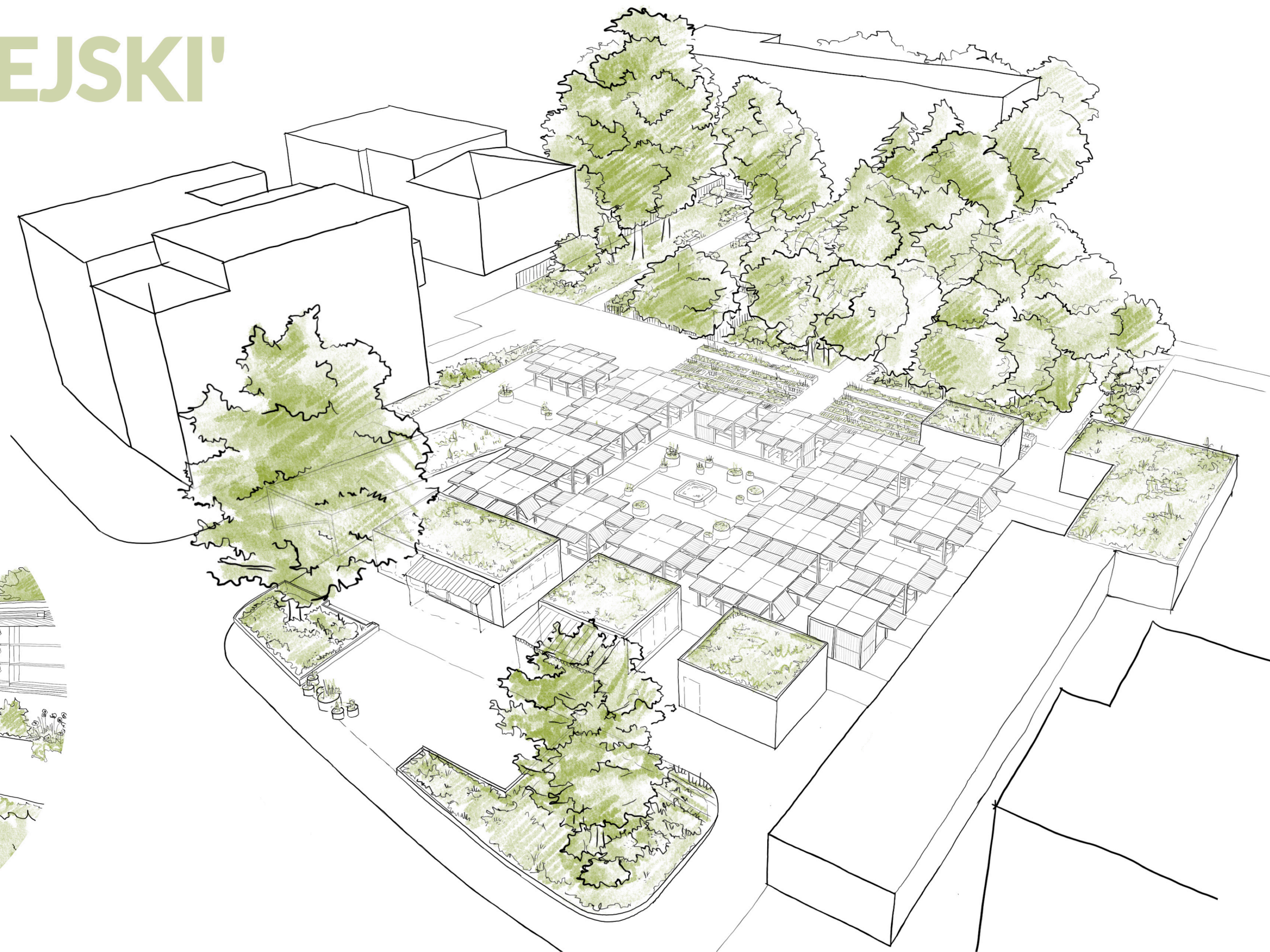
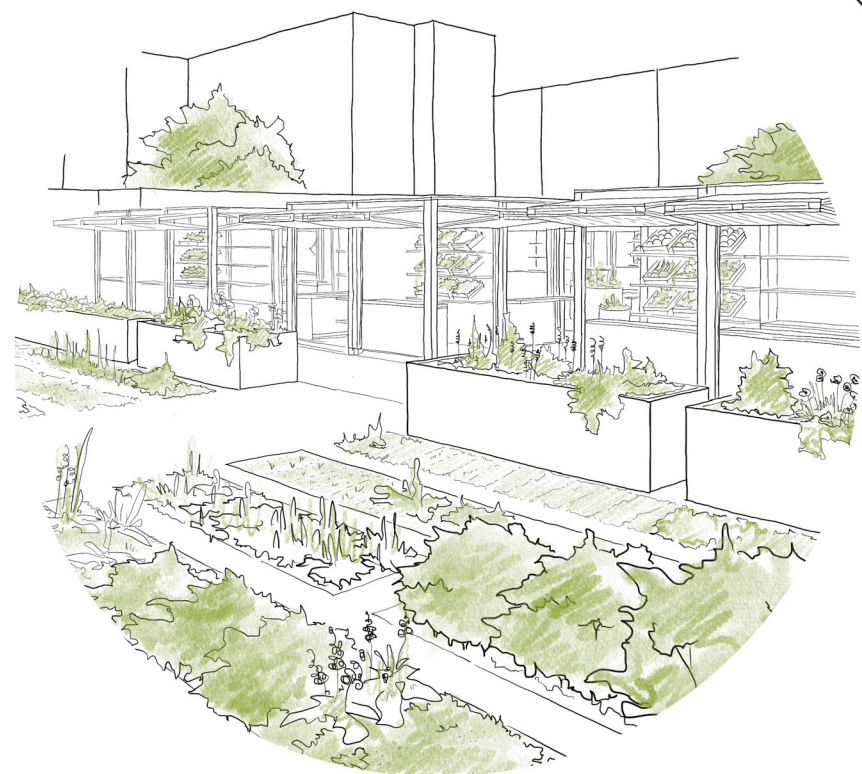


'NOWOWIEJSKI' MARKET SQUARE



Country /City POLAND, CRACOW

University / School CRACOW UNIVERSITY OF TECHNOLOGY

Academic year WINTER SEMESTER 2021/2022

Title of the project "PLAC NOWOWIEJSKI" MARKET SQUARE

Authors BSc. ZOFIA FRĄCZEK

TECHNICAL DOSSIER

Title of the project	"PLAC NOWOWIEJSKI" MARKET SQUARE
Authors	BSc. ZOFIA FRĄCZEK
Title of the course	BACHELOR DIPLOMA PROJECT
Academic year	WINTER SEMESTER 2021/2022
Teaching Staff	PhD. Arch. ANNA STANIEWSKA
Department / Section / Program of belonging	LANDSCAPE ARCHITECTURE DEPARTMENT FACULTY OF ARCHITECTURE
University / School	CRACOW UNIVERSITY OF TECHNOLOGY



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

The aim of the project is to present the concept of the public market in Krakow (Plac Nowowiejski) and the neighboring green area in the context of historical, planning, compositional and environmental conditions. The design assumptions include revitalization of the area, raising the aesthetic level and proposing new functional solutions. The project meets social expectations by presenting functional zones corresponding to the needs of various user groups. In order to organise the traffic in the area, an underground car park and additional storage space have been designed under the surface of the square. The concept combines, now strongly separated spaces, with a gradation of low greenery overlooking the square. The idea strongly ties with the historical tradition of the place and emphasizes its character. The design uses plant species that have grown in these areas in the past centuries. Plants are an aesthetic aspect; they increase the value of space, but also constitute an educational and sensory element. The project involves the adaptation and maintenance of the existing tree stand. The entire project is in line with the idea of sustainable development and the designed spaces play an integrative and educational role. Revitalization of the market square brings many economic and social benefits, such as: providing economic opportunities, combining rural and urban economy, as well as promoting a healthy lifestyle and integrating the local community.

For further information

Máster d'Arquitectura del Paisatge - UPC

Contact via email at:
master.paisatge.comunicacio@gmail.com

biennal.paisatge@upc.edu

Máster d'Arquitectura del Paisatge - UPC

Sede ETSAB - Universitat Politècnica de Catalunya

Calle Jordi Girona, 15. Edificio Omega 1-3
08034 Barcelona - Spain

COAC - Colegi oficial d'Arquitectes de Catalunya

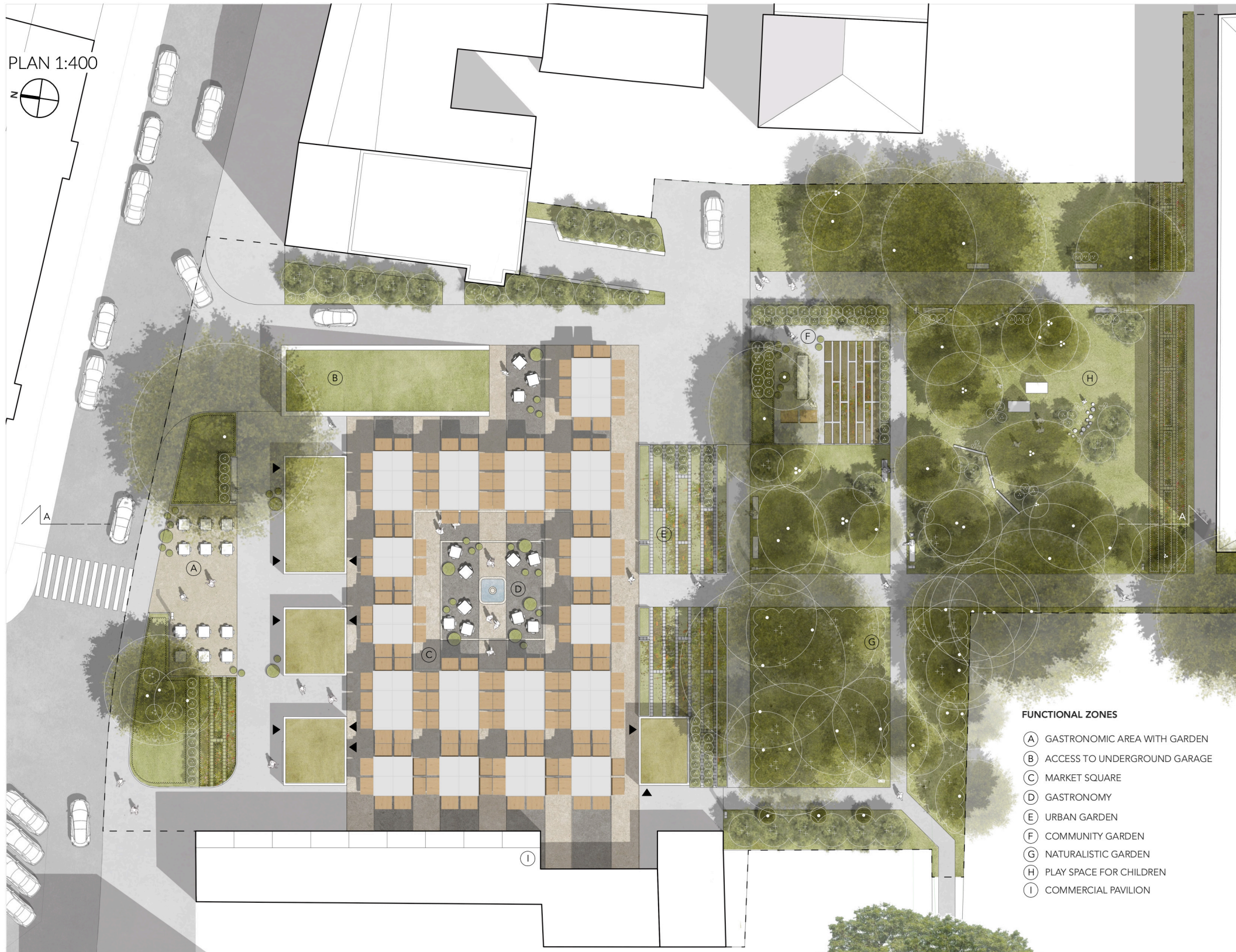
Carrer Arcs, 1-3
08002 Barcelona - Spain

12th International Biennial Landscape Barcelona

Barcelona October 2023

SCHOOL PRIZE

PLAN 1:400



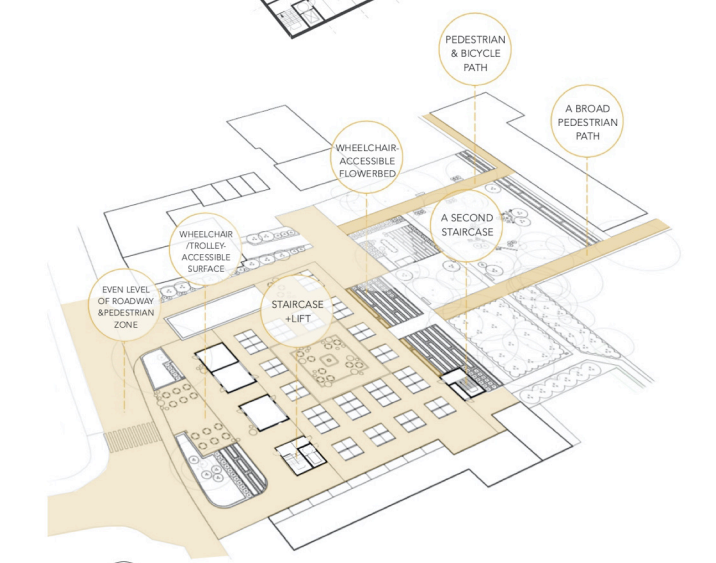
FUNCTIONAL ZONES

- (A) GASTRONOMIC AREA WITH GARDEN
- (B) ACCESS TO UNDERGROUND GARAGE
- (C) MARKET SQUARE
- (D) GASTRONOMY
- (E) URBAN GARDEN
- (F) COMMUNITY GARDEN
- (G) NATURALISTIC GARDEN
- (H) PLAY SPACE FOR CHILDREN
- (I) COMMERCIAL PAVILION

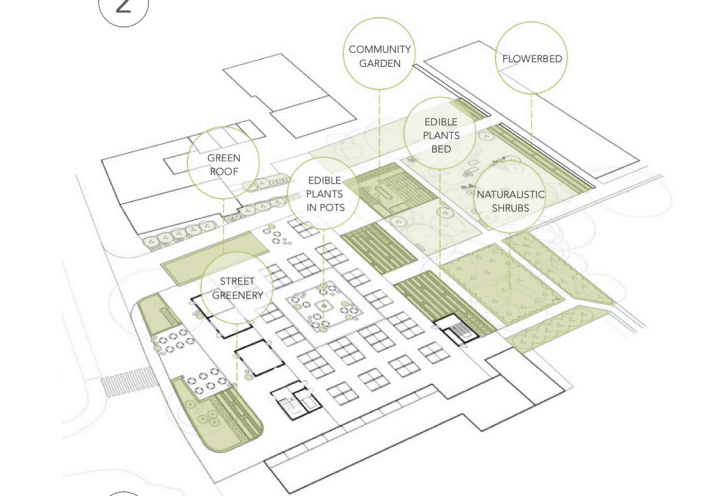
SECTION AA
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1

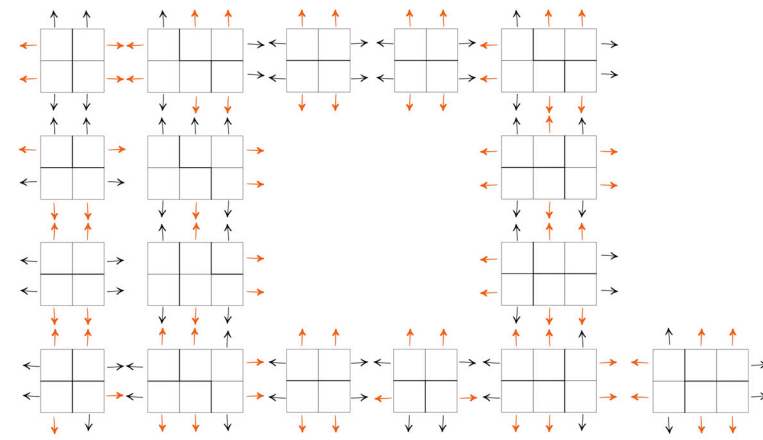
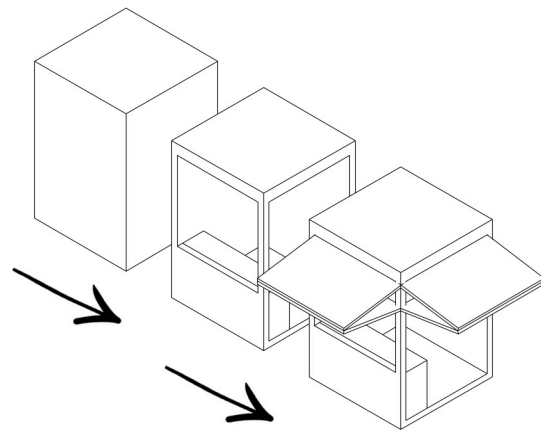


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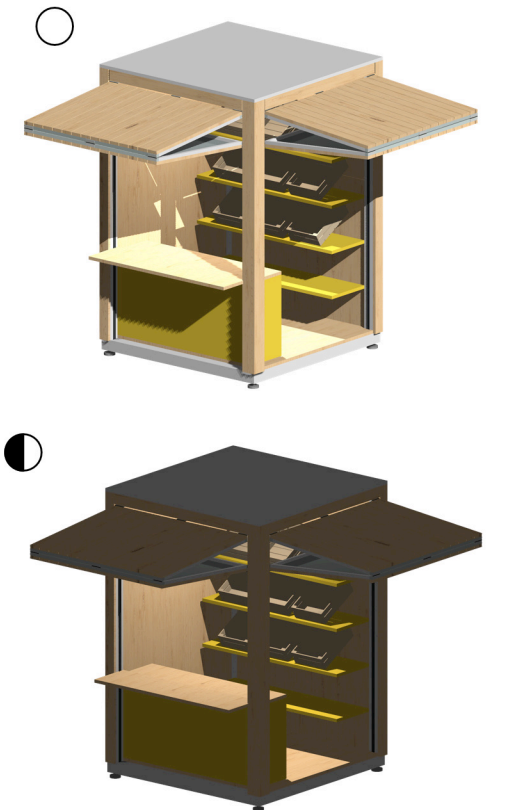
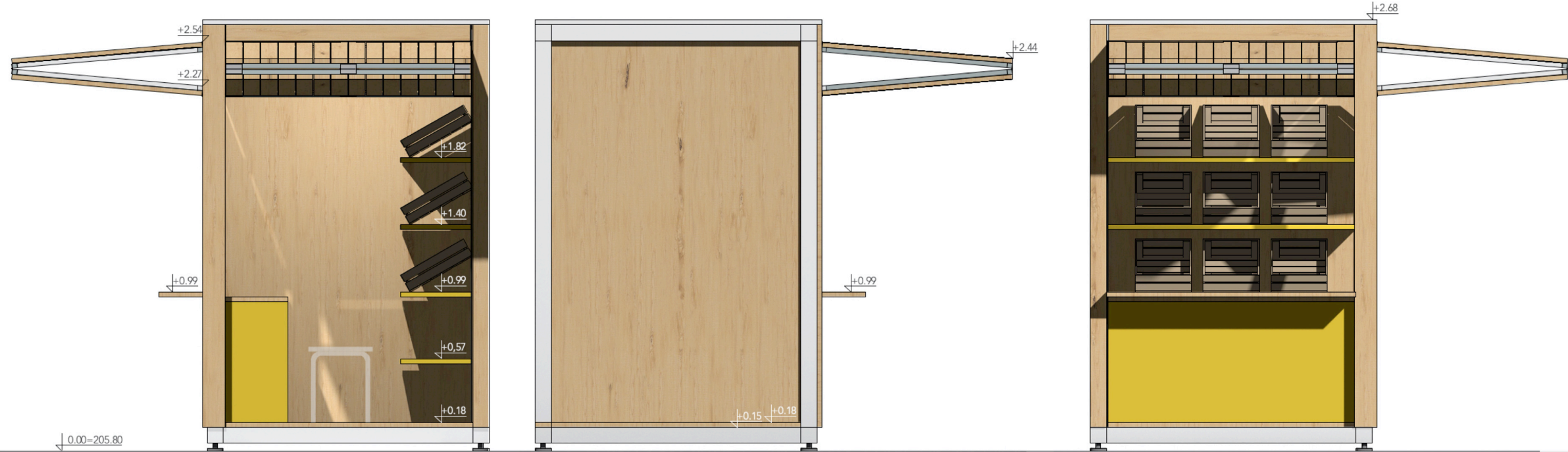
3

- ① MAIN FUNCTIONAL AREAS
- ② EQUAL ACCESS AND FLEXIBLE USE
- ③ DESIGNED GREEN SPACES



MULTIFUNCTIONAL USE
 THE KIOSKS CAN BE USED TO SELL FRUIT AND VEGETABLES, LOCAL PRODUCTS AND AS VENUES FOR LOCAL COMMUNITY GROUPS ORGANISING GATHERINGS AND CLOTHES SWAPS IN SUMMER.

MODULAR ELEMENT - COMMERCIAL KIOSK



VISUALISATION OF ONE OF THE MARKET ALLEYS



THE RETAIL FACILITIES DESIGNED ON THE SQUARE ARE MODULAR, ENABLING SEVERAL ELEMENTS TO BE PUT TOGETHER. IN THIS WAY, THE KIOSKS AND THEIR ARRANGEMENT WILL BE ADAPTED TO THE NEEDS OF USERS. THE DIMENSIONS OF THE KIOSK ARE: 175X175X270 CM. IT IS POSSIBLE TO OPEN THE MOVABLE WALL, WHICH ALSO SERVES AS A CANOPY. THE KIOSK IS CLOSED ON TWO OR THREE SIDES. A WOODEN FOLDING COUNTER IS LOCATED IN PLACE OF THE FOLDING WALL.



MARKET SQUARE ALLEY COVERED WITH MOVABLE KIOSK WALLS

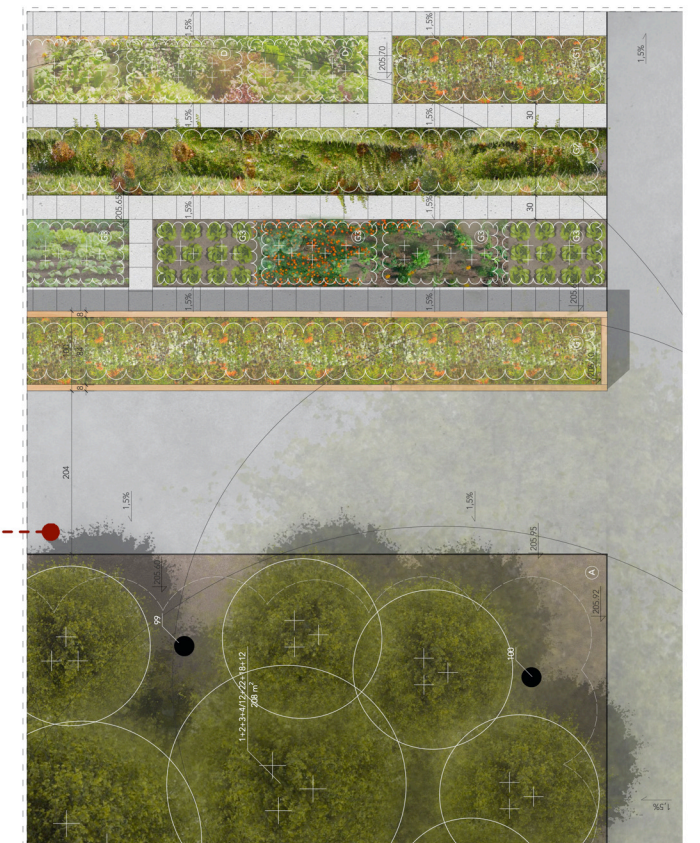
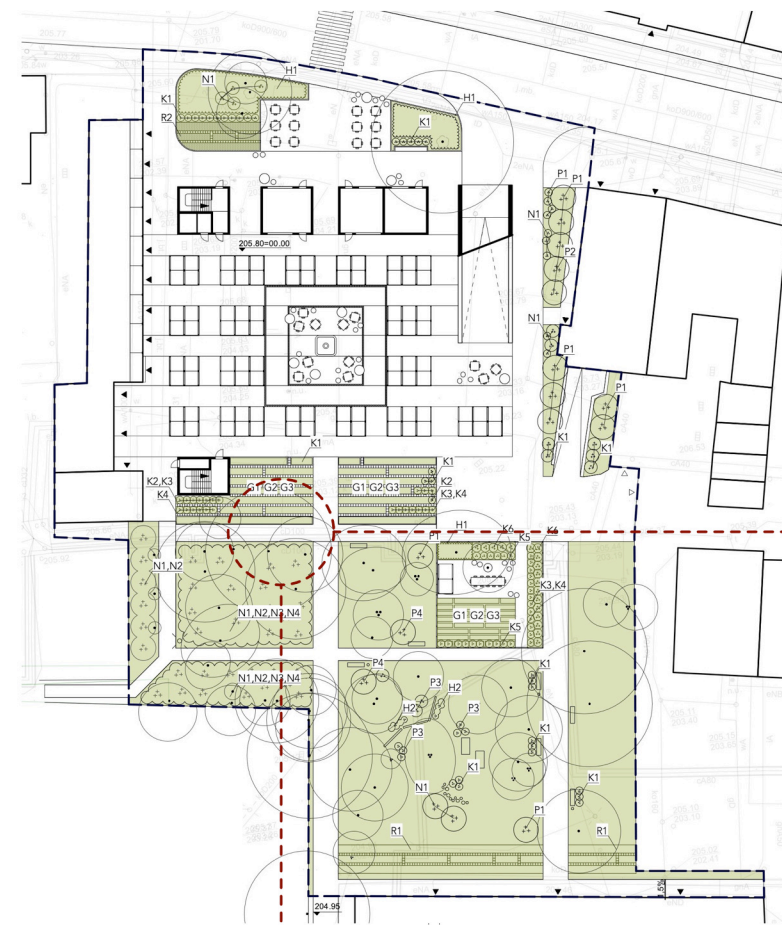
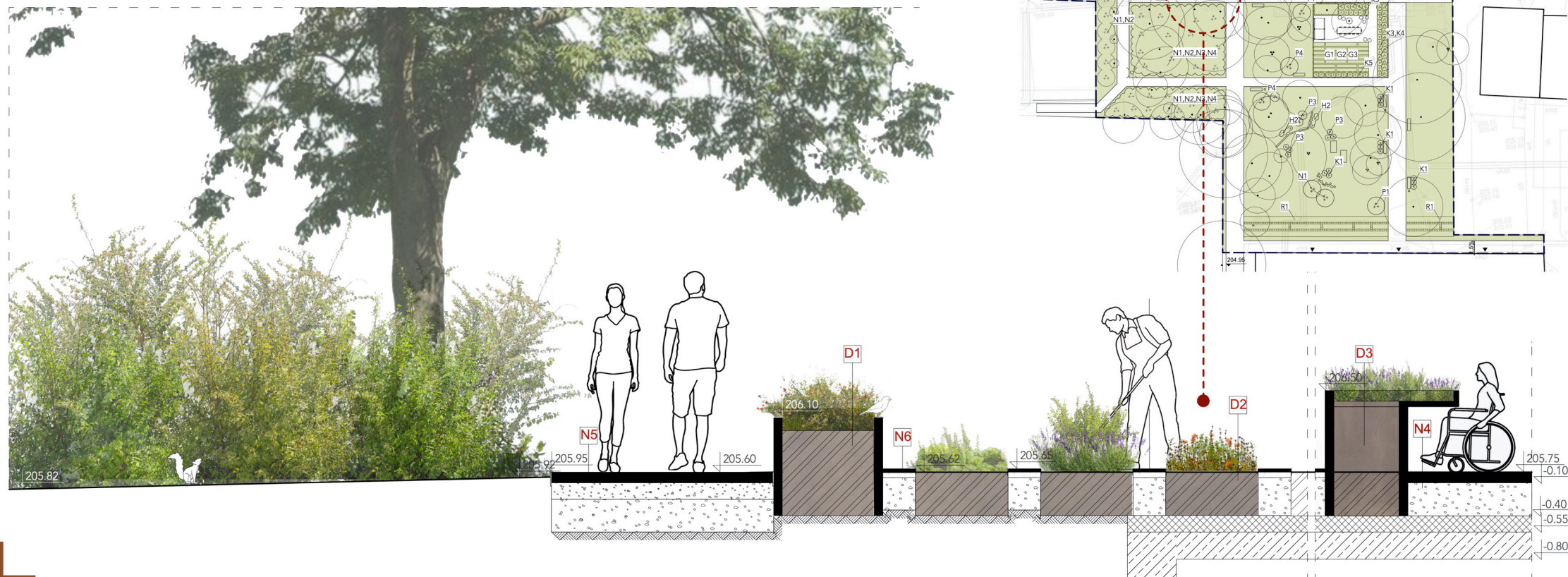


NATURAL PLAYGROUND

- | | | | |
|---|---|---|---|
| ①  | ②  | ③  | ④  |
| ① SUSTAINABLE FOOD PRODUCTION | ② SUSTAINABLE FOOD PROCESSING AND DISTRIBUTION | ③ SUSTAINABLE CONSUMPTION PROCESS | ④ PREVENTION OF FOOD WASTE AND WASTE PRODUCTION |

THE 'EUROPEAN GREEN DEAL' INCLUDES A SECTION ON AGRICULTURE. THERE ONE CAN READ ABOUT THE IDEA OF 'FROM FARM TO FORK'. THE AIM IS TO ENSURE THAT THE FOOD 'ARRIVING' ON OUR PLATES IS TRANSPORTED AS QUICKLY AS POSSIBLE. IN ADDITION, THE PRODUCTS SHOULD BE TRANSPORTED IN SUCH A WAY THAT TRANSPORT HAS NO SIGNIFICANT IMPACT ON THE ENVIRONMENT. - THIS IDEA WAS THE INSPIRATION FOR THE PROJECT.

CROSS-SECTION THROUGH THE URBAN GARDEN



PLAN OF THE URBAN AND NATURALISTIC GARDEN

- N4** MARKET SQUARE SURFACE
- N5** SURFACE HARDENED CONCRETE PATH
- N6** PATH MADE OF CONCRETE SLABS
- D1** ELEVATED FLOWER BED
- D2** VEGETABLE/ HERBS BEDS
- D3** RAISED FLOWER BED SUITABLE FOR WHEELCHAIR USERS