

REFERENCE MASTERPLAN AND SKETCHES  
SOURCE: GREEN LINK WS22

RESEARCH GRAPHIC  
SOURCE: REHUB WS22

WE'VE LEARNED FROM URBAN DENSITY LAB 2022...

Thanks to our colleagues from the previous semester, we didn't have to start our design work from scratch. The material they provided gave us an immediate understanding of the area and offered various approaches to solving the site's masterplan.

We carefully reviewed all the projects and extensively discussed the advantages and disadvantages of each one. Within the metagroup, we collectively decided to focus our efforts on further developing the concepts of the "green link" proposal. The idea of a green connection resonated with us throughout the entire metagroup design process and continued to be one of our core concepts even within our smaller group.

The research conducted by the other students of the previous semester also proved to be immensely helpful in our own design process.



UKRAINE | LVIV



CITY PLAN LVIV | ZBOISHCHA  
SOURCE: ZBOISHCHA HEALINGSPACE WS22

ABOUT ZBOISHCHA

The site "Zboishcha" in Lviv presents numerous aspects that need to be considered when planning a new neighborhood for future residents. Currently, the area is undergoing rapid development due to an urgent need for housing. However, apart from addressing this need, mental and physical rehabilitation should also play a vital role in the area's development. Situated in a hilly environment, the site's terrain poses challenges to its utilization. Furthermore, due to the rapid expansion, there are ongoing competitions regarding the specific buildings that are already planned for construction. Taking these factors into consideration, our focus was directed towards the park. Our primary concerns revolved around designing an inclusive and accessible space for both residents and the entire city, while also coping with the existing topography and enhancing it. The project's objective was to create a "light rehabilitation area" that could also function as a regular park. It should work as a connection inside the newly developed neighbourhood but also to the city of Lviv.

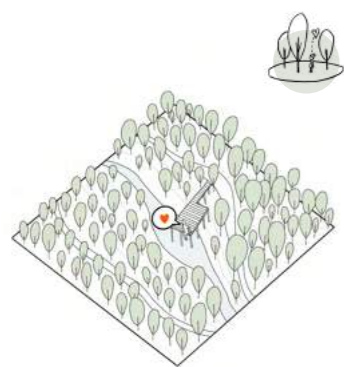
Considering the existing biodiversity, the area currently consists mostly of chestnut trees, maple trees, oaks, hornbeams, and a few birches, alongside some pines and spruces. We aimed to preserve as much of the natural elements as possible while further enhancing the park with locally available trees that offer additional benefits such as shade and greenery during winter, in line with the concept of four seasons.

Overall, our goal was to strike a balance between preserving the existing natural elements and improving the park through the inclusion of suitable trees that are locally available and provide other advantages.

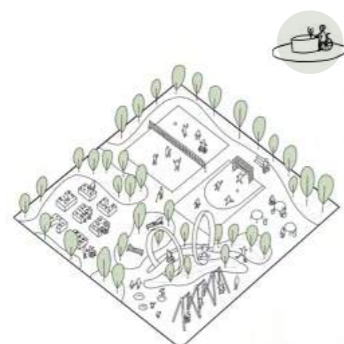
PHOTOS OF THE SITE



SOURCE: LVIV CITY COUNCIL



nature elements for human well-being



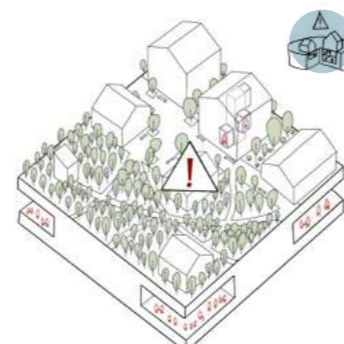
inclusive use of public space + nature



landscape for healing activities



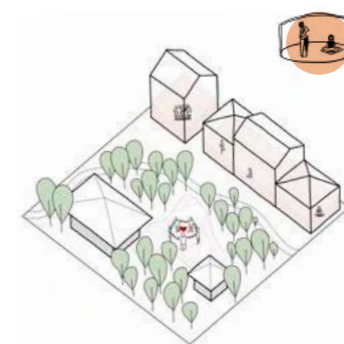
accessibility for all



safe shelters



productive spaces for therapy



space for spirituality + emotional support



outdoor + indoor spaces for physical therapy

DESIGN PRINCIPLES

CHESTNUT (KASTANIE)    SPRUCE (FICHTE)    MAGNOLIA (MAGNOLIE)

MAPLE (AHORN)    PINE (KIEFER)    CHAMOMILE (KAMILLE)

BIRCH (BIRKE)    LIME (LIMETTE)    PARTRIDGE (REBHUHN)

OAK (EICHE)    MALLOW (MALVE)    DUCK (ENTE)

WILLOW (WEIDE)    LILAC (FLIEDER)    FIELD MOUSE (MAUS)

TOILET    BOMBSHELTER    SPIRITUALITY

DOG ZONE    CULTURAL AREA    BBQ

ANIMAL THERAPY    PLAYGROUND    OUTDOOR GYM

MEDICAL FACILITY    EDUCATION    CHURCH

RESTAURANT    BUS    TRAM

10    50    100    200



## RESILIENCE | RECREATION | REHABILITATION

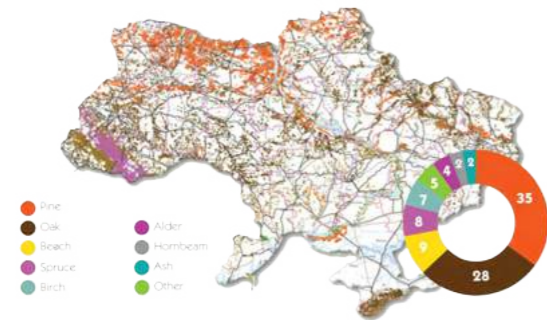
The park is designed as a public rehabilitation space. It can be a considerable challenge to revert back to the physical and mental condition one had before the events occurred, but it is possible to regain a good state of health.

However, the most important part of the rehabilitation process is never to neglect it and to integrate exercise and relaxation, both physical and mental, into daily lives. In addition to being a public recreational space for the neighborhood itself, the park also works as the pedestrian connection with the city. Combining these two ideas, we have developed something similar to what is known as a "scenic garden." It consists of a main path and other three parallel ones that are connected through a third network of paths. In the surrounding of these paths, there are some recreational areas that promote both physical and mental rehabilitation processes and the reintegration of neighbors into society.

These spaces are classified into active spaces and calm spaces, and also we can find them in two different ways: enclosed pavilions or outdoor activity platforms. Within the active spaces, we find a cultural area (which promotes connection between neighbors of the different surrounding areas), a playground (designed for all types of needs), information and exhibition point, outdoor gym, and a cabin and resting area for picnics and barbecues, with an urban garden (which promotes neighbour activation and encourages work and the economy).

On the other hand, we consider calm areas, a pavilion dedicated to the development of arts (painting, sculpture, music, etc.), animal therapy, and small pavilions dedicated to spiritual activities, among others. The main idea of the park is that by walking through it, the path towards good physical and mental health is built.

Species composition of Ukrainian forests, %



### RESEARCH: LOCAL TREESPECIES

SOURCE: STATE FOREST RESOURCES AGENCY OF UKRAINE

## PARK CONCEPT SKETCH



## METAGROUP IDEAS

- PARK AREA
- RESIDENTIAL AREA
- HEALTH CARE
- ENTRANCES
- PUBLIC FACILITIES



SPACE DIVISION

- VEHICLE CONNECTIVITY
- PEDESTRIAN ACCESSIBILITY
- PUBLIC TRANSPORT
- ENTRANCES



CONNECTIVITY

- GREEN AREAS
- GREEN CONNECTION



GREEN CONNECTIONS



DE WISSELAAR

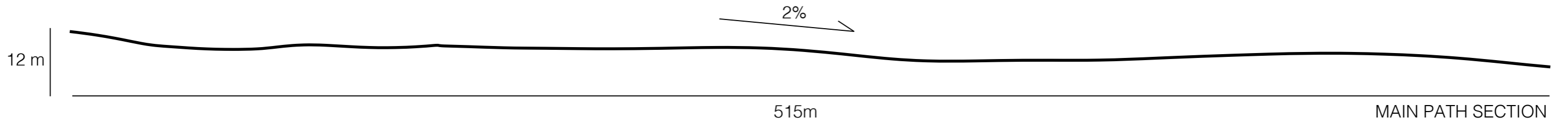
FOUR SEASONS CONCEPT



SPRING

AUTUMN

WINTER



MAIN PATH SECTION

PARK CONCEPT



- ACTIVE AREA ■
- CALM AREA ■

- ACTIVE AREA ■
- CALM AREA ■
- ACTIVITIES ■
- PAVILIONS ■
- POND ■

- PUBLIC TRANSPORT ■
- GREEN CONNECTION ■

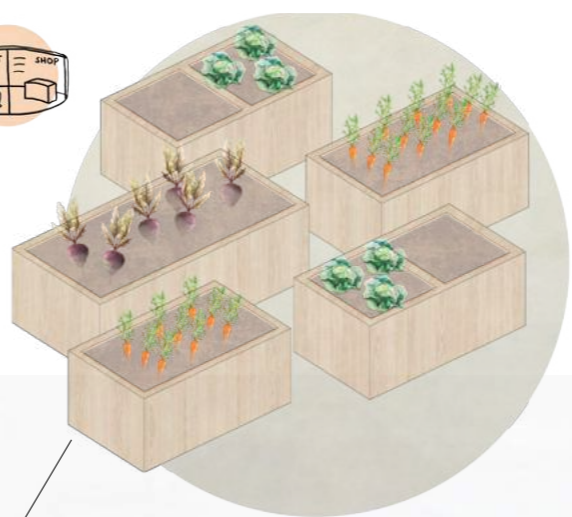
AREAS

ACTIVITIES

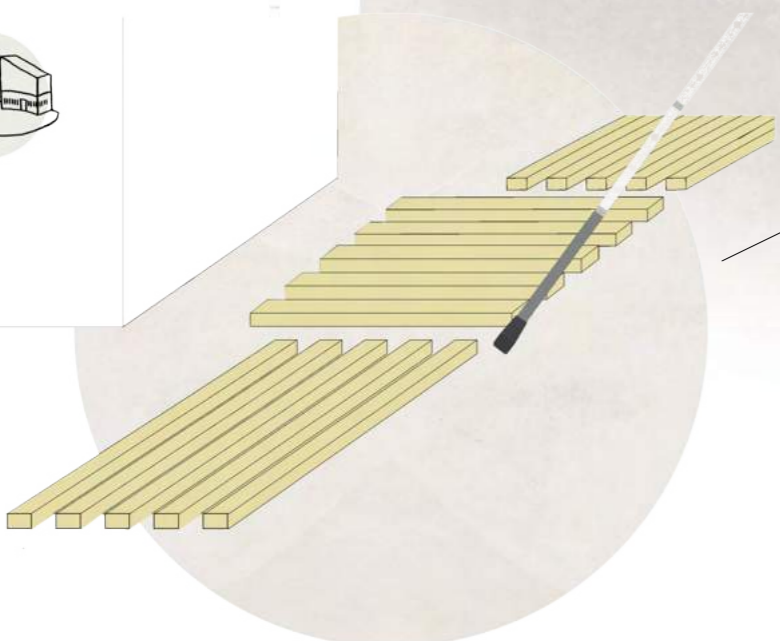
GREEN CONNECTIONS



SECTION 2



PRODUCTIVE SPACES FOR THERAPY



UNIVERSAL DESIGN



ACCESSIBILITY FOR ALL

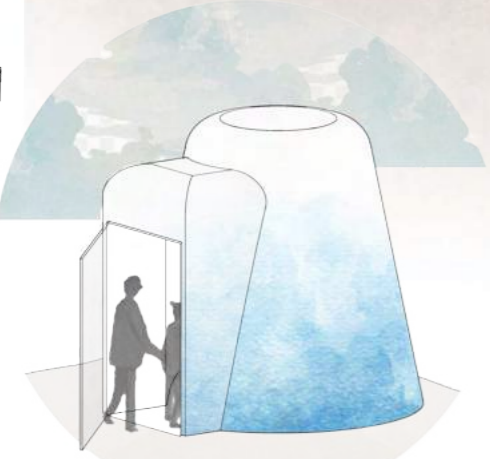




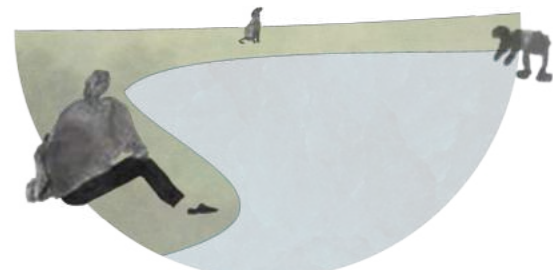
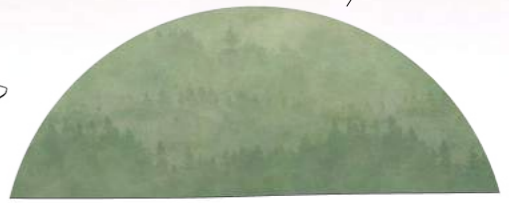
SECTION 2



INCLUSIVE USE OF PUBLIC SPACE + NATURE



SAFE SHELTERS



NATURE ELEMENTS FOR HUMAN WELL-BEING