UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" FROM TIMISOARA
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ARCHICAD EDUCATION VERSION

The importance of therapeutic gardens in hospitals
Hospital for infectious diseases and psychiatry Baia Mare

Universitatea de Științe Agricole și Medicină Veterinară, Cluj-Napoca
Facultatea de Horticultură și Afaceri în Dezvoltare Rurală
University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca
Faculty of Horticulture and Business in Rural Development

Master of science:
The design, arrangement and maintenance of green spaces, 2023

Master`s student:
Iulia-Ecaterina MORA

Scientific coordinator:
Prof. Dr. Adelina DUMITRAȘ

Abstract

A therapeutic garden is an outdoor area that has been specially created to meet the physical, psychological, social and spiritual needs of those who use it. Gardens of this type are appreciated by both children and adults, and research has shown that both groups of people, especially those with physical or mental problems, benefit from them [17].
The site chosen for the proposal of a landscaping solution is located on Vasile Lucaciu street no. 72, in Baia Mare Municipality, Maramureș County. The green spaces related to the hospital are almost non-existent and unsightly, giving the area a gloomy appearance and far from its potential. The proposed concept and ideas want to transform the hospitalization period into a more pleasant experience, offering a hospitable environment to the users. Also, the solution was designed to satisfy and respond to all the physical, psychological, social and spiritual needs of all users.

Material and method

Location
Baia Mare city, Vasile Lucaciu street No. 72

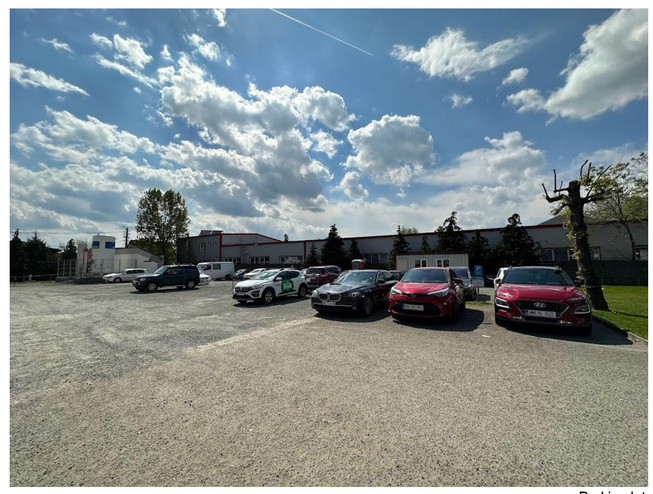


Area layout plan, Scale1:8500

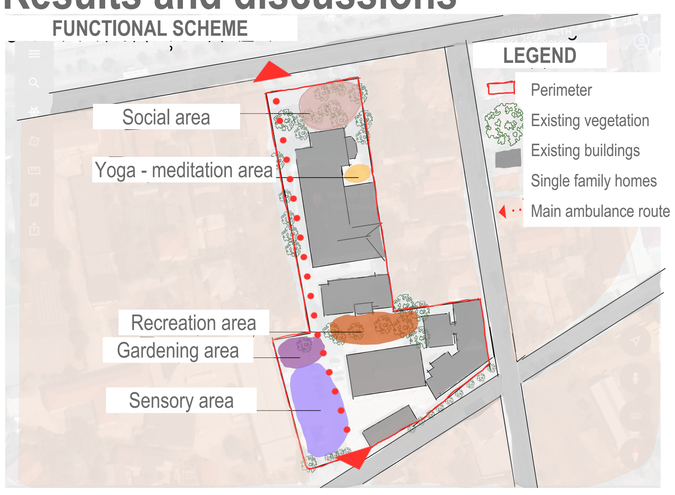

Main entrance - building of infectious diseases
Existing situation


Green space patient area
Existing situation

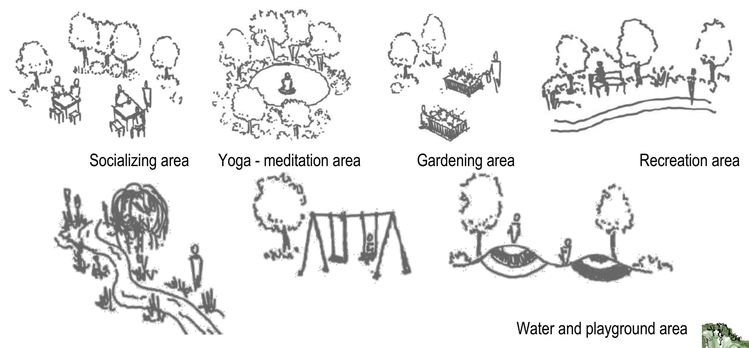

Perspective - main access for car
Existing situation


Parking lot
Existing situation

Results and discussions



Functional scheme




Pinus mugo


Lavandula angustifolia


Stipa tenuissima


Salix babylonica


Hydrangea arborescens


Betula pendula

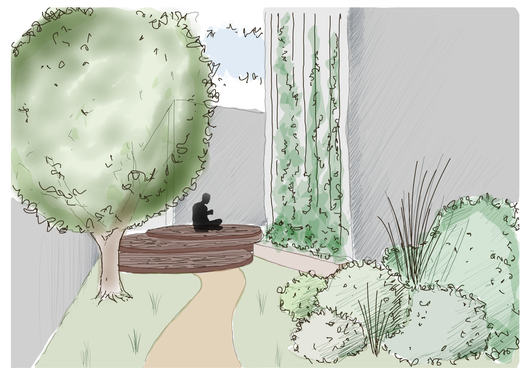

Social area view

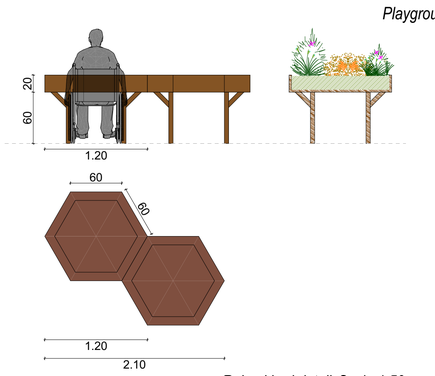

Recreation area view


Sensory area view


Water area view


Playground area view


Yoga - meditation area view

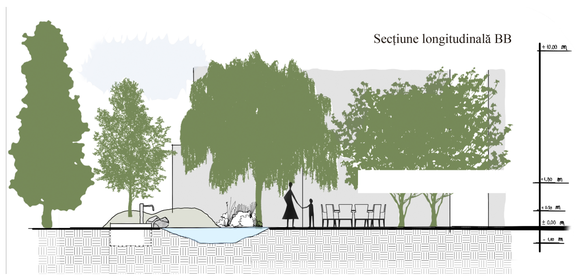


Raised bed detail, Scale 1:50



Cross section A-A, Scale 1:100


Color scheme



Longitudinal section B-B, Scale 1:100



Proposed general plan, Scale1:250

LEGEND

- Car access
- Pedestian access
- Property limit
- The flow direction of meteoric waters
- Existing deciduous trees
- Existing resinous trees

Proposed vegetation

Socialization area
- *Magnolia grandiflora*
- *Picea pungens "Super blue"*
- *Forsythia suspensa*
- *Betula Pendula*
- *Juniperus sabina*
- *Pinus mugo*
- *Berberis thunbergii*

Yoga - meditation area
- *Hosta sieboldiana* "Elegans"
- *Hosta alba marginata*
- *Salix fragilis*
- *Heuchera*
- *Euonymus emerald 'n' gold*
- *Tamarix x tetrandra* "Pink cascade"

Patient recreation area
- *Koelreuteria paniculata*
- *Hosta alba marginata*
- *Picea pungens* "Super blue"
- *Hydrangea arborescens*
- Tulipa, Narcissus, Muscari, Hyacinthus, Crocus
- *Calamagrostis Karl Foerster*
- *Pennisetum viridescens* Cassian
- *Stipa tenuissima*
- *Carex eburnea*
- *Echinacea purpurea*
- *Achilla helagrasshof*

Sensory area
- *Euonymus emerald 'n' gold*
- *Salix babylonica*
- *Stipa tenuissima*
- *Iris laevigata,*
- *Schizostylis coccinea*
- *Typha lanfolia*
- *Alyssum saxatile*
- *Oxalis purpurea*
- *Arundinaria fortunei*
- *Platycodon grandiflorus*
- *Nigella sativa*
- *Physalis alkekengi*
- *Lavandula angustifolia*
- *Morus alba pendula*
- *Hydrangea paniculata*
- *Betula pendula*

Plantband wall
- *Coleus blumei*
- *Iresine lindenii*
- *Cineraria maritima*
- *Hedera helix*

Proposed furniture
- Circular bank
- Table with chairs
- Table with chairs
- Outdoor lighting
- Information panel with touchscreen Guidance system
- Semicircular bank
- Corten planter
- Sensory enclosure - different textures (moss, tree bark, gravel)
- Sandbox
- Climbing triangle
- Swing
- Raised bed
- Water pump - reservoir
- Stabilized gravel alley
- Grassed surface
- Permeable tile alley
- Asphalt driveway
- Pond water route
- Safety area - playground equipment
- Existing buildings
- Nearby buildings
- Wpc finish

Conclusions

The project aims to transform and expand the green space around the Baia Mare Hospital for Infectious Diseases and Psychiatry into a therapeutic garden. This garden will benefit patients, staff, and visitors by enhancing socialization and leisure areas, improving lighting, and optimizing urban furniture. The design prioritizes unity, ecological sustainability, and minimal maintenance while addressing physical, psychological, social, and spiritual needs. Ultimately, this project serves as a model for similar landscape revitalization efforts in the city.