



# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

## TECHNICAL DOSSIER

Title of the project	GREEN NOWA HUTA - THE DEVELOPMENT PROJECT OF THE GEN. WŁADYSŁAW ANDERS AVENUE AND WIŚNIOWY SAD PARK (CHERRY ORCHARD PARK)
Authors	KATARZYNA MACHAJ
Title of the course	MASTER'S DIPLOMA DESIGN
Academic year	2016/2017
Teaching Staff	DIPLOMA SUPERVISOR AGATA ZACHARIASZ, PhD. ARCH
Department/Section/Program of belonging	FACULTY OF ARCHITECTURE. DEPARTMENT OF LANDSCAPE ARCHITECTURE.
University/School	CRACOW UNIVERSITY OF TECHNOLOGY

In the 20th century Nowa Huta was the biggest urban investment in Poland. Thanks to the architectural styles and to the urban layout, which was planned from the ground up, it makes a homogeneous and harmonious impression. The whole concept has the characteristics of the concept of garden cities and the aspects of the idea of the ideal city.

The main purpose of the project was to reinstate public practical values, to preserve the existing character, to adapt this space for different groups of users and to offer new contents. These assumptions were the basis for design guidance. The concept of land development plan includes: the design of a new communication structure for Spółdzielcze housing estate and Wiśniowy Sad Park, the designation of new parking places and the creation of new recreation places. An important element of the project is the creation of new places of meeting and integration for residents of nearby settlements and new areas close to nature such as glades, flower meadows and bee yards.

The entire project was based on a grid made of hexagons to which a communication system and new functions were partly added. The project also referred to the history of the place, leaving the main park alley which is the symbol of the old road, exposing existing outdoor sculptures and adding new plantings of cherry trees, which refers to the old orchards. The existing greenery was tidied up, shaded areas were exposed and new plantings were added. The space was adapted to the needs of the residents and other users of this area which resulted in improving their comfort and safety.

For further information

**Máster d'Arquitectura del Paisatge -DUOT - UPC**

T: + 34 93 401 64 11 / +34 93 552 0842

Contact via email at: [biennial.paisatge@upc.edu](mailto:biennial.paisatge@upc.edu)

Consult the web page <http://landscape.coac.net/>



# GREEN NOWA HUTA

THE DEVELOPMENT PROJECT OF THE GEN. WŁADYSŁAW ANDERS AVENUE AND WIŚNIOUY SAD PARK



Country / City ..... POLAND/ CRACOW

University / School ..... CRACOW UNIVERSITY OF TECHNOLOGY

Academic year ..... 2016/2017

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Authors ..... KATARZYNA MACHAJ





# HISTORICAL, PLANNING, CULTURAL STUDIES

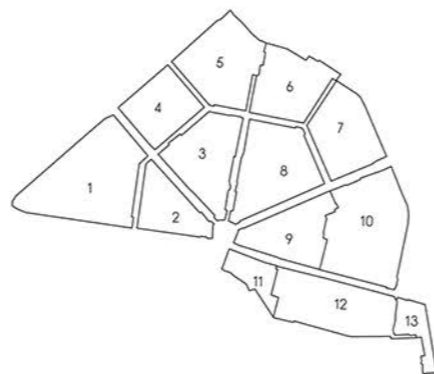
The revalorization project was based on historical planning and cultural studies. The project includes the Wiśniowy Sad Park, neighbouring the Spółdzielcze housing estate and the avenue of General Władysław Anders. This area has great potential due to its nature of space, location and history.

NOWA HUTA, STRUCTURAL DIVISION INTO SOCIAL UNITS IN 1951

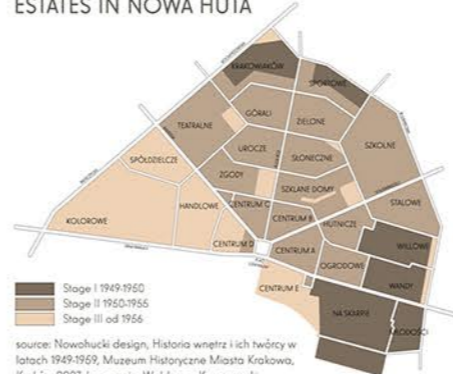


source: Nowolucki design, Historia wnętrza i ich twórcy w latach 1949-1959, Muzeum Historyczne Miasta Krakowa, Kraków 2007

SCHEME FOR URBAN QUARTERS



STAGES OF DEVELOPMENT OF HOUSING ESTATES IN NOWA HUTA



source: Nowolucki design, Historia wnętrza i ich twórcy w latach 1949-1959, Muzeum Historyczne Miasta Krakowa, Kraków 2007, koncepcja: Waldemar Komarowski

HOUSING ESTATES IN NOWA HUTA



LAND COVER MAP



source: MSIP <http://faberwatorium.um.krakow.pl>

## SCHEME

GRID SCHEME OF HEXAGONS



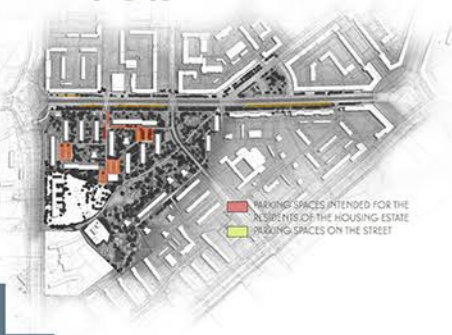
FUNCTIONS OF THE AREA



COMMUNICATION SYSTEM



PARKING PLACE



## MASTERPLAN - THE DEVELOPMENT PROJECT OF THE GEN. WŁADYSŁAW ANDERS AVENUE AND WIŚNIOUY SAD PARK



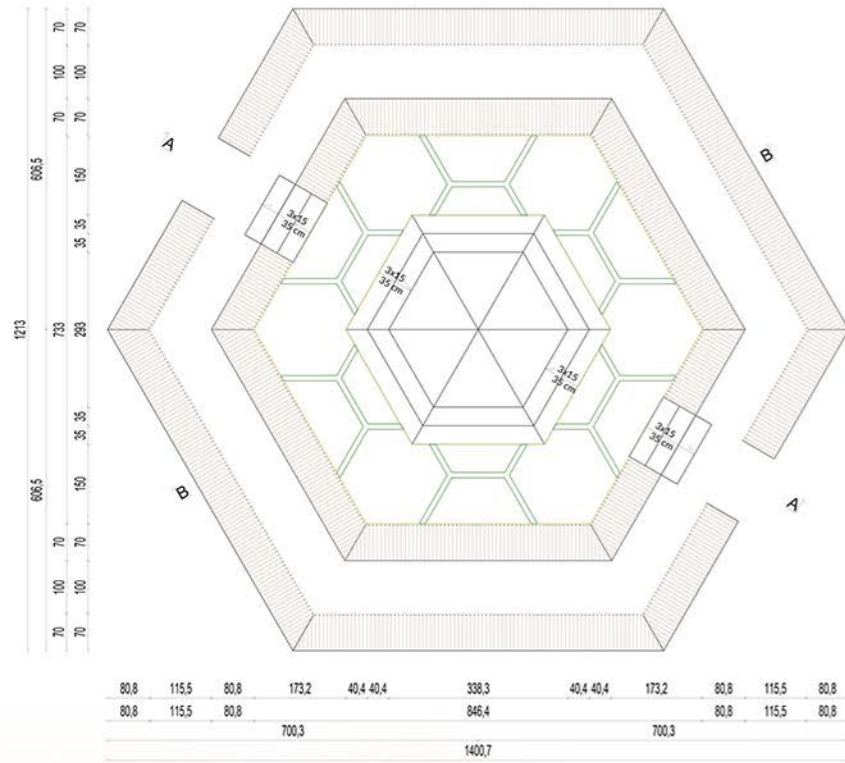
- A. Clearing
- B. Urban apiary
- C. Spring meadow with daffodils
- D. Planting decorative cherry trees, symbolizing the old orchards
- E. Place of relaxation
- F. A place for a senior
- G. Playground for younger children
- H. Playground for older children
- I. Playground for disabled children
- J. Outdoor gym
- K. Swing area
- L. Health path
- M. Meeting zone for residents of Osiedle Spółdzielczy i Kolorowy
- N. Area of integration of the inhabitants of Osiedle Spółdzielczy
- O. Urban quarry between Aleja Generata Władysława Andersa and Generata Mieczysława Bonny-Spiechowicz
- P. Town square by the bus terminus - resting place and waiting for a bus-city waiting room





# AMPHITHEATER

TOP VIEW



SECTION A-A



SECTION B-B

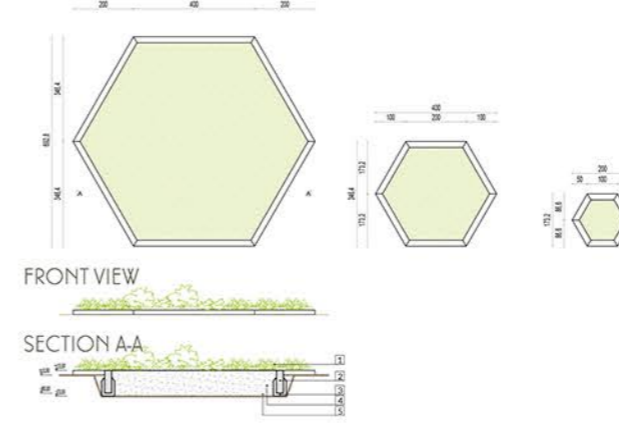


# URBAN FURNITURE



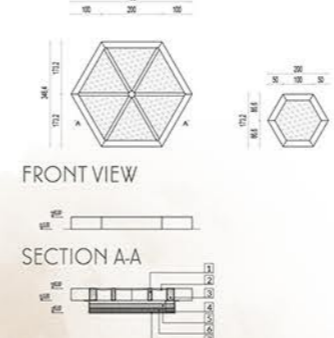
# HEXAGON- RAISED REBATES

TOP VIEW



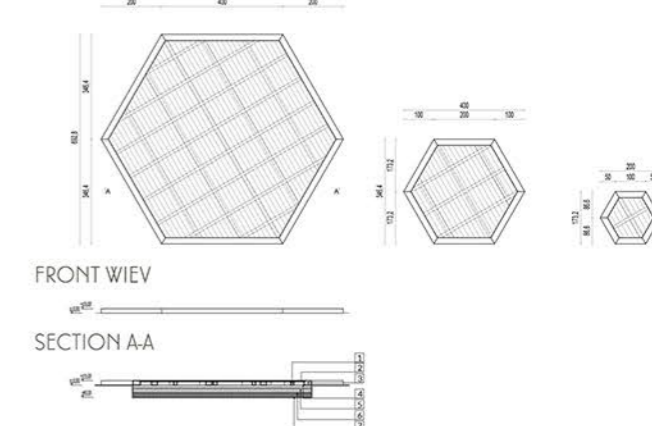
# HEXAGON- LYING NETTING

TOP VIEW



# HEXAGON- FLAT TERRACES

TOP VIEW



# HEXAGON- TERRACES WITH SEATS

TOP VIEW

