



Reconstruction of the “Snowflake” sanatorium with the completion of the rehabilitation building

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Yaremche](#)

Presentation made by: NGO Two-Colour





OBJECTIVE:

TO PROVIDE COMPREHENSIVE MEDICAL AND PSYCHOLOGICAL REHABILITATION FOR CHILDREN FROM ALL OVER UKRAINE AND THE WORLD, PRIMARILY FROM VULNERABLE GROUPS, NAMELY CHILDREN WHO WITNESSED MURDERS, SURVIVED THE DEATH OF THEIR PARENTS, SURVIVED ROCKET ATTACKS, EXPERIENCED THE HORRORS OF WAR AND OCCUPATION.

ON THE BASIS OF THE SNOWFLAKE SANATORIUM, IT IS PLANNED TO CREATE A POWERFUL COMPLEX TO PROVIDE REHABILITATION ASSISTANCE TO CHILDREN IN SEVERAL AREAS, BASED ON THE PRINCIPLES OF EVIDENCE-BASED MEDICINE.

Children are one of the most vulnerable groups affected by the war in Ukraine. Since 2014, and especially since the start of the full-scale invasion in 2022, many children have suffered physical and mental trauma, lost their parents, homes, or been forced to flee their regions. The UN Security Council estimates that nearly 600 children have been killed since the start of the full-scale invasion. According to the Office of the Prosecutor General of Ukraine, more than 1,300 children have been injured in the fighting, and more than 19,000 children have been illegally deported to Russia or the temporarily occupied territories. Thousands of children have become internally displaced, and hundreds of children have lost their parents or found themselves without proper care.



The main areas of rehabilitation for children affected by the war are:

1. Medical and psychological rehabilitation: Psychological diagnostics and support: work with PTSD, anxiety, panic, depression. Individual and group sessions with psychologists. Art therapy, fairy tale therapy, music therapy. Family counseling: support for children and parents/guardians.
2. Medical care and rehabilitation: treatment of physical injuries (wounds, amputations, burns); physical rehabilitation: massage, exercise therapy, kinesiotherapy; prosthetics and adaptation to new living conditions; work with speech therapists, neurologists, orthopedists in cases of neurological or cognitive disorders.
3. Educational support; training in the school curriculum (within the center or online); assistance with adaptation to a new school or returning to school; work with children who have learning difficulties due to stress or trauma.
4. Socialization and development; trainings on emotional intelligence, communication, self-knowledge; organization of games, creative circles, sports clubs; work on developing independence skills.
5. Legal and social support; assistance with paperwork; assistance in establishing the status of a child affected by hostilities; search for family/guardianship in case of loss of parents; support in cases of deportation or family separation.
6. Preparation for integration into society; work with adolescents: orientation to future professions; psychoeducation – skills of safe behavior, overcoming anxiety; teaching basic life skills.



Introduction



In addition to helping children of war, habilitation and rehabilitation assistance will also be provided to families with disabilities and the following problems:

The Rehabilitation Center will be unique in the west of Ukraine, as it will combine modern rehabilitation tools and technologies in accordance with international standards and wellness procedures as psychological rehabilitation. The location of the future rehabilitation center allows us to use the natural features of the region as an integral part of the rehabilitation process.

Main areas of rehabilitation:

- neurological patients;
- children with diseases of the musculoskeletal system;
- psychological rehabilitation of vulnerable children and war victims.

Diseases of the nervous system requiring long-term supportive rehabilitation:

- cerebral palsy and other motor disorders;
- diseases of the neuromuscular system;
- consequences of traumatic brain injury (TBI);
- consequences of inflammatory diseases.



According to statistics, in our region alone, 892 children with nervous system diseases are registered with pediatric neurologists, including

- cerebral palsy and other motor disorders – 455;
- diseases of the neuromuscular system – 47.



Diseases and conditions of the musculoskeletal system that require systematic rehabilitation:

- arthrosis – 204;
- scoliosis – 1813;
- kyphosis – 3106;
- Perthes disease – 108;
- spondylolisthesis – 18;
- flat feet – 1566;
- different length of limbs in the postoperative period – 10.



According to statistics, 6825 children with the above nosologies are registered with pediatric traumatologists and orthopedists in our region.

We are recognized as the first in Ukraine to treat IDPs. Since the beginning of the war, our hospital has treated 3,415 internally displaced children inpatiently, and another 1,362 children have received outpatient treatment, including consultations with pediatricians and narrow specialists. In total, up to 60,000 internally displaced persons live in the district on a permanent basis.

Thus, in Ivano-Frankivsk region alone, more than 7,000 children need rehabilitation assistance in two areas. It should be noted that these statistics do not take into account a significant number of IDP children!





It is impossible to overestimate the importance of psychological rehabilitation for both children with disabilities due to diseases of the nervous system and musculoskeletal system and children affected by war.

Given the recreational features of the region and the range of planned rehabilitation treatments, the Rehabilitation Center will help to optimize the provision of rehabilitation care to children in the Carpathian region and throughout Ukraine.



The Rehabilitation Center is a structural unit of the Municipal Non-Profit Enterprise "Ivano-Frankivsk Regional Children's Clinical Hospital of the Ivano-Frankivsk Regional Council" (RCCH).

Location:

1 Halytska St., Yaremche, 78500, Ukraine.



According to the extract from the State Register:

- the cadastral number of the land plot is 2611000000:05:008:0278;
- the area of the land plot is 1.3401 hectares;
- designated purpose: 06.01 for construction and maintenance of health and recreation facilities.

[Link to Google Earth
land for construction](#)



The estimated cost of this project is UAH 675 million



The design and estimate documentation with the expert review is expected in April-May 2025.

This includes:

- design and estimate documentation – UAH 7.8 million. The funds were allocated from the Ivano-Frankivsk Regional Military Administration;
- repair and construction works – UAH 577.2 million;
- equipment – UAH 90 million.



Forms of cooperation:

At the construction stage – funds and construction materials.
At the stage of construction completion – provision of medical equipment and training of medical personnel.

Habilitation and rehabilitation care is provided for children with the following problems:

- prematurely born children with axial asymmetry and muscle tone disorders
 - delayed motor development;
- delayed psycho-speech development;
 - cerebral palsy
 - posture disorders;
- hyperactive attention deficit disorder;
 - autism spectrum disorders;
 - socialization disorders;
 - other mental disorders.





The main areas of work of the Center are:

1. Physical rehabilitation:

- therapeutic exercises conducted in soft play and physical therapy rooms;
- occupational therapy;
- manual therapy.

2. Preformed physical factors:

- hardware physiotherapy;
- acupuncture.

3. Psychological rehabilitation:

- sensory integration;
- animal-assisted therapy: equine-assisted therapy and canine-assisted therapy.

4. Pedagogical and social rehabilitation.

Methods and equipment for physical rehabilitation:

- Strength training equipment;
- Stationary exercise bike, motorized bike;
- Swimming pool with an equipped lift (therapeutic exercises in the pool);
- Rehabilitation with the help of biofeedback:
 - Armeo complex;
 - EKSO Bionics - a robotic exoskeleton;
 - Biodex rehabilitation complex;
 - Kinesiotherapy using UGUL and Spider suspension therapy techniques.



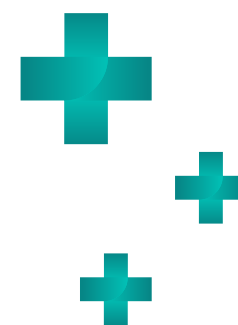


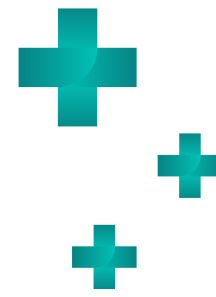
Alternative methods of physical rehabilitation:

- Dynamic proprioceptive correction – anti-gravity suits: “Adele”, ‘Gravistat’, ‘Atlant’;
- Gross simulator, Dikul simulator;
- Bobath therapy;
- PNF method – Kabat;
- Hanke method;
- Mackenzie method;
- Maligan concept.

Physiotherapy treatment (hardware physiotherapy):

- Light therapy;
- Laser treatment;
- Electrotherapy (ELF therapy, Darsonvalization, SMT therapy. Electrophoresis, microwave therapy, Electrosleep. Micropolarization);
- Magnetic and ultrasound therapy;
- Heat therapy (mud therapy, clay therapy);
- Hydrotherapy (hydromassage, treadmill in water, therapeutic baths);
- Massage (classical, segmental, acupressure).





Sensory integration: Snuselen complex:

- dark sensory room;
- sensory room.

Psychological rehabilitation:

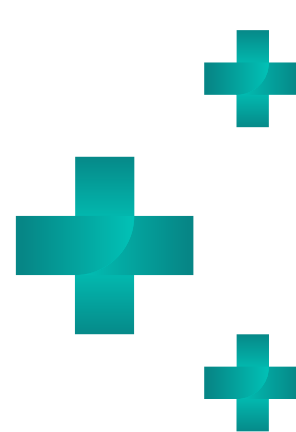
- individual and group psychological counseling;
- psychological support for parents.

Pedagogical rehabilitation:

- speech therapy classes.

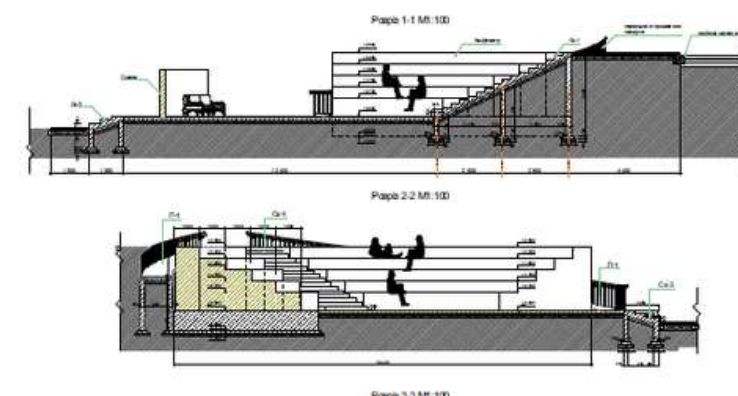
Social rehabilitation:

- classes on gender education and socialization;
- classes on early career guidance.



THE RECONSTRUCTION OF THE SANATORIUM INCLUDES THE FOLLOWING:

- construction of a boiler house;
- reconstruction of the dormitory building;
- reconstruction of the recreation building;
- construction of a new rehabilitation building;
- landscaping, namely:
 - construction of an amphitheater;
 - arrangement of a universal playground for sports games; tennis court; playground; sports ground; gazebo; chapel; boxwood labyrinth; reconstruction of the pond.



Rehabilitation Center:
Structural subdivision of the RCCH,
Location:
1 Halytska St., Yaremche, 78500, Ukraine.

RECONSTRUCTION OF THE DORMITORY BUILDING:

Total area 966.19 m²

Number of floors – 3 floors

Designed for 34 beds

Works envisaged in the project:

- dismantling and installation works;
- replacement of all windows and doors;
- finishing works;
- facade works;
- installation of the roof;
- replacement of all engineering networks.

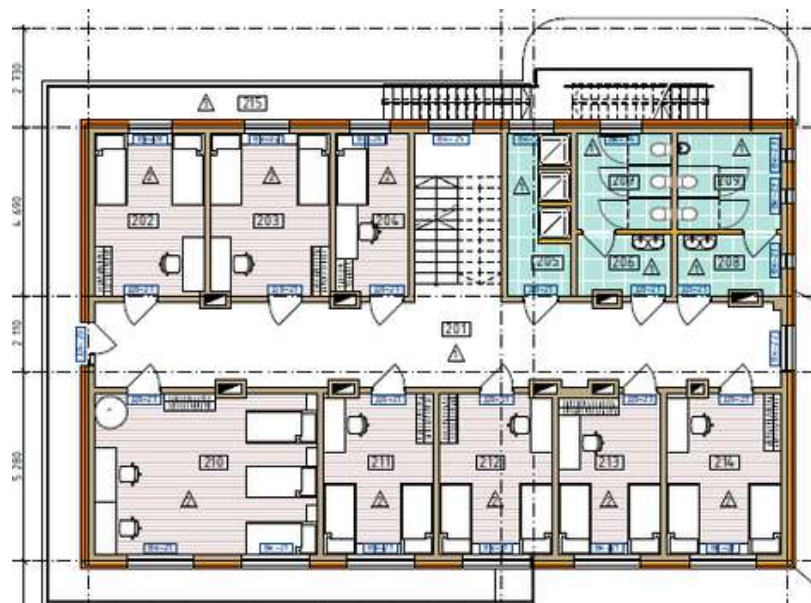
Current state



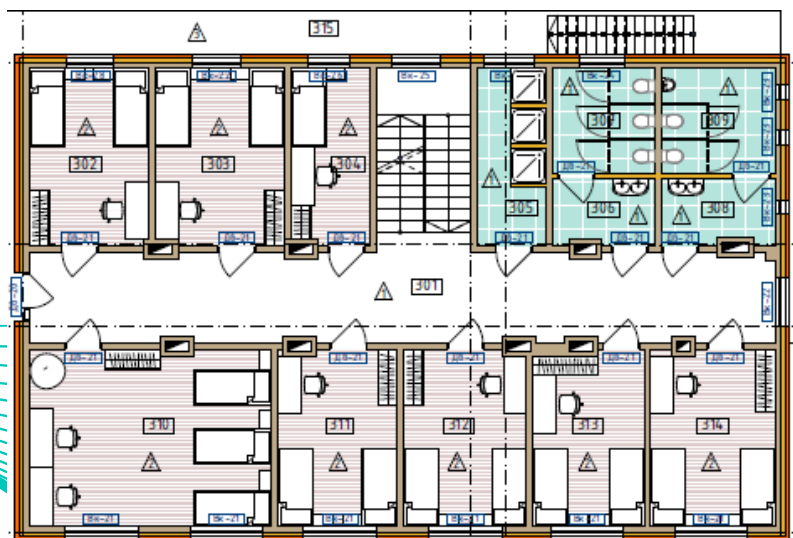
The 1st floor with an area of 285.23 m² includes:
 offices; recreation areas; bathroom with toilet;
 recreation room; computer room; first-aid post;
 medicine storage room; hall; staff living room



2nd floor with an area of 222.42 m², includes: rooms;
 showers for girls;
 bathrooms for girls;
 bathrooms for boys



3rd floor with an area of 226.45 m², includes: rooms;
 showers for boys;
 bathrooms for girls;
 bathrooms for boys;
 washbasins for boys;
 washbasins for girls





RECONSTRUCTION OF A VACATION HOUSE:

Total area 203.02 m²

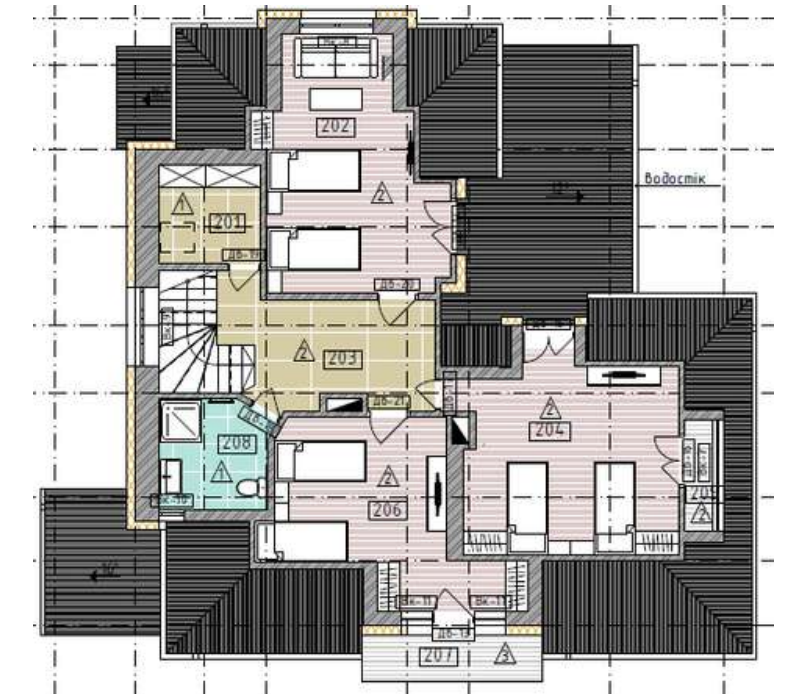
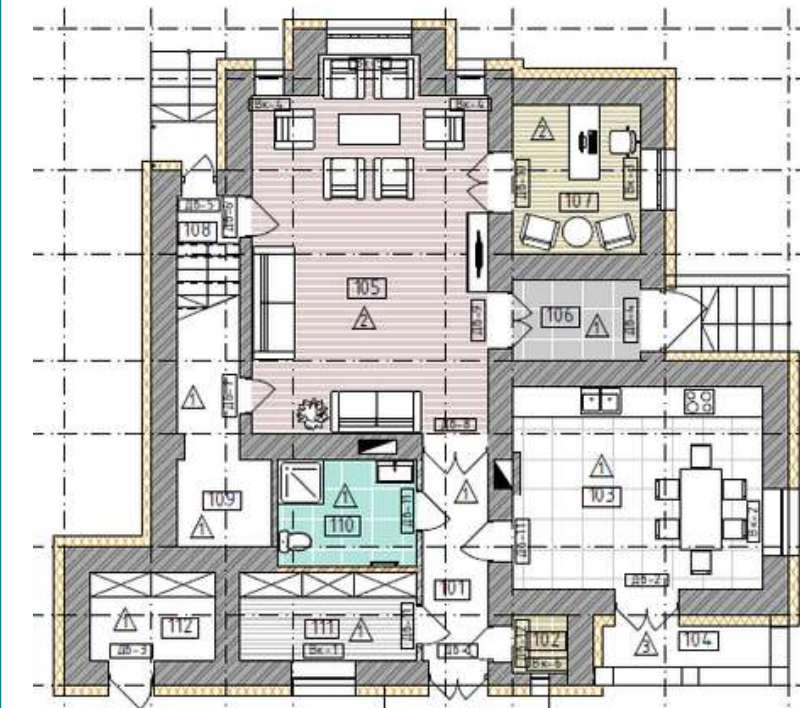
Number of floors – 2 floors

Designed for 6 beds



The 1st floor with an area of 101.93 m² includes: kitchen; veranda; corridors; study; storage rooms; wardrobe; bathrooms; living room

The 2nd floor with an area of 80.15 m² includes: balcony; corridor; storage room; bathrooms; living rooms



Current state





CONSTRUCTION OF A REHABILITATION BUILDING:

Total area 9009,02 m2
Useful area 8203.63 m2
Number of floors – 3-6 floors
Designed for 180 beds

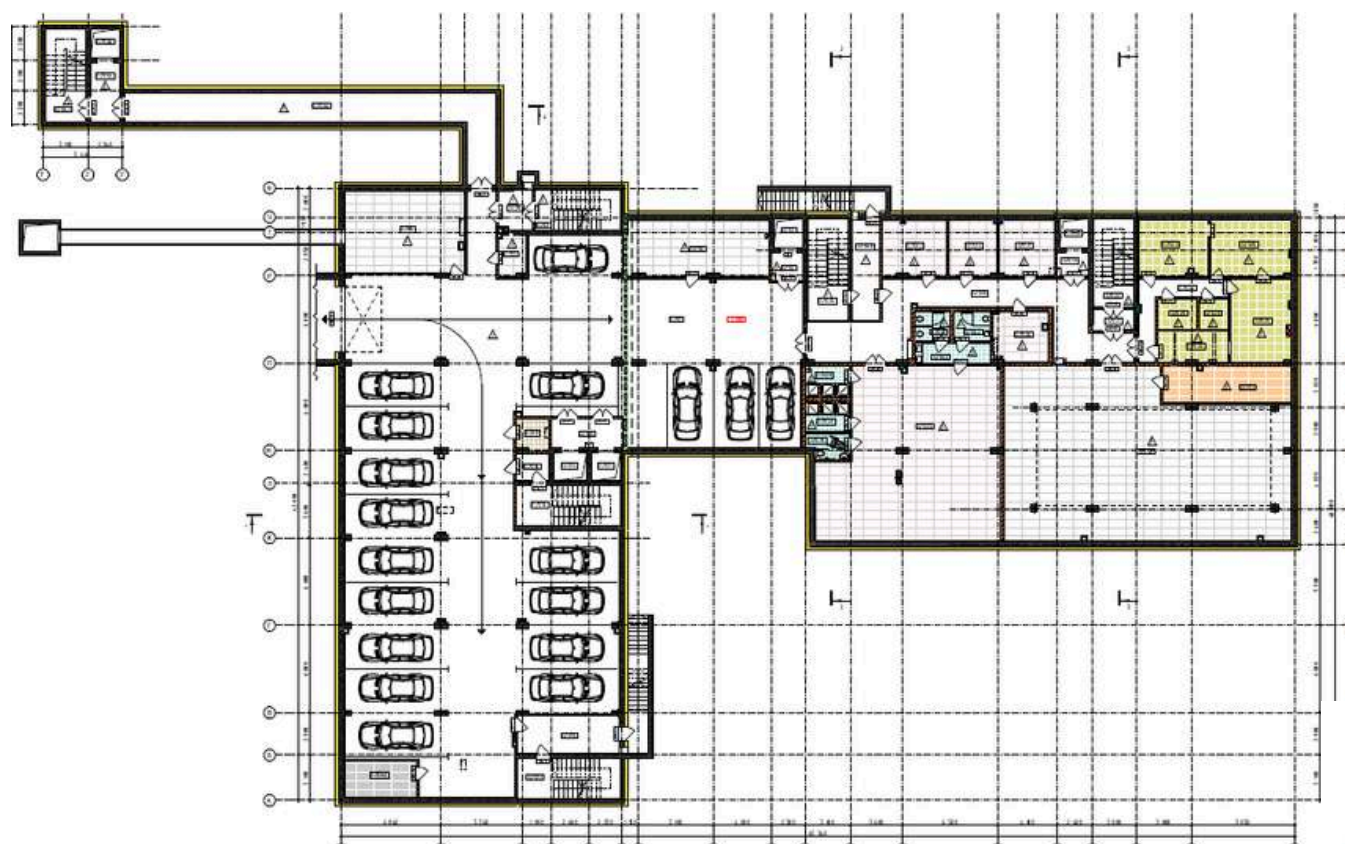


The house has a complex shape.
The facade of the house is a combination of natural materials:
glass, metal and wood.

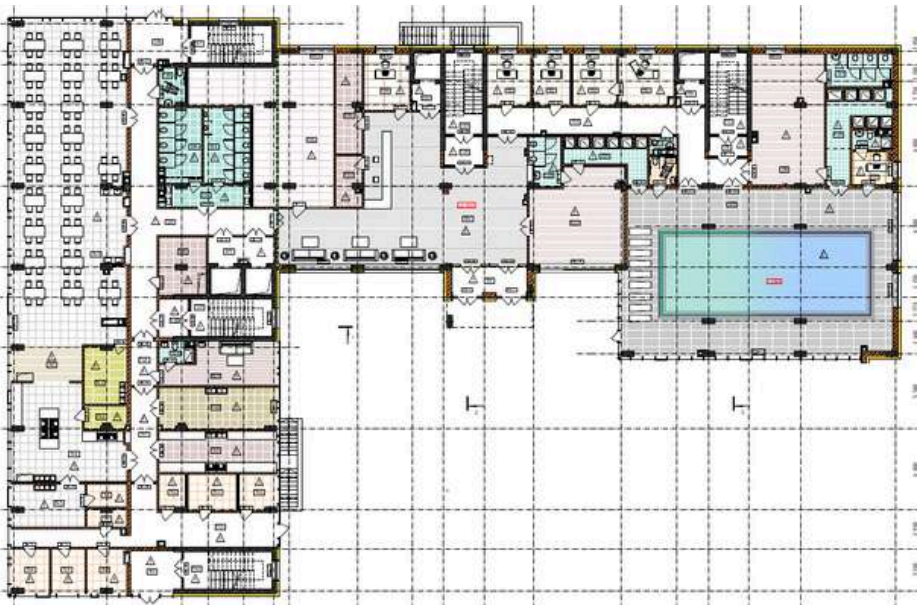


The roof of the house is an exploited flat roof.
The maximum height of the building is 26.9 meters.
The building has different number of storeys (3-6 floors).

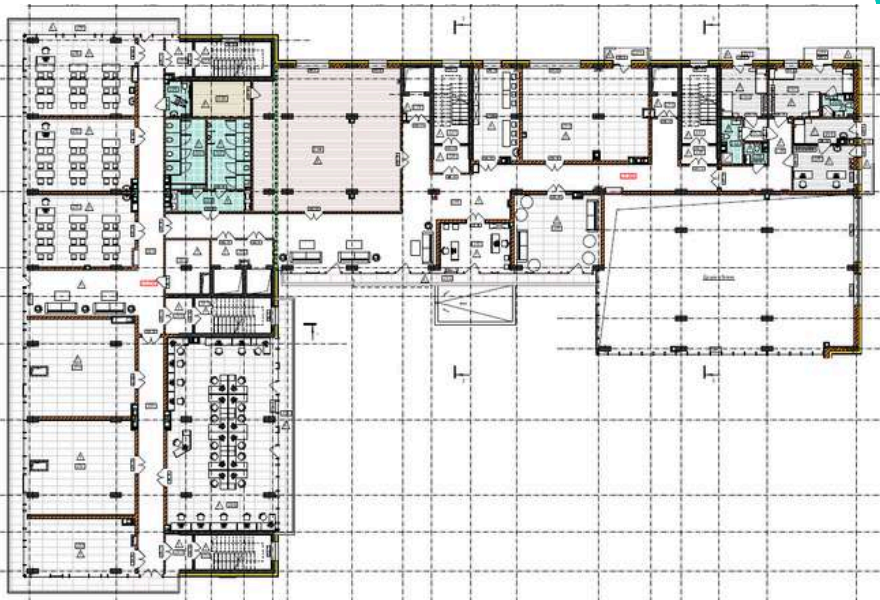
Basement: there is a parking lot for 18 parking spaces, technical rooms, laundry and shelter.



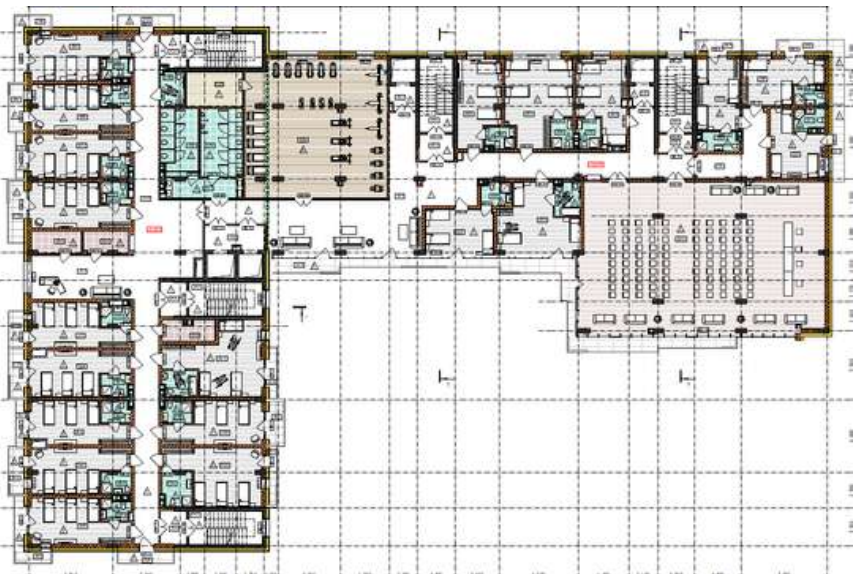
On the 1st floor, there is a lobby, reception, administrative premises, a dining room with a food unit and a swimming pool.



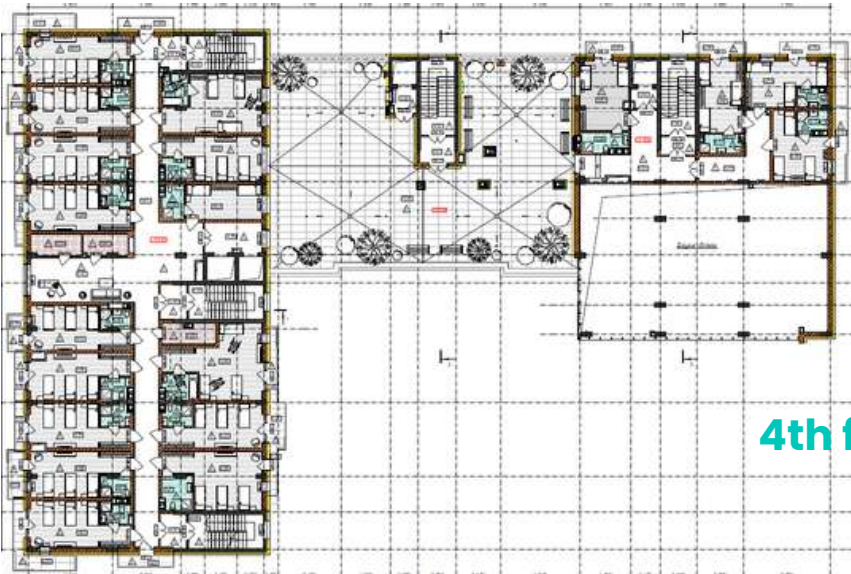
On the 2nd floor, there are rehabilitation rooms, classrooms, a hall for choreography classes and a medical unit.



On the 3rd floor there is a gym, a conference room for 100 people and living rooms.



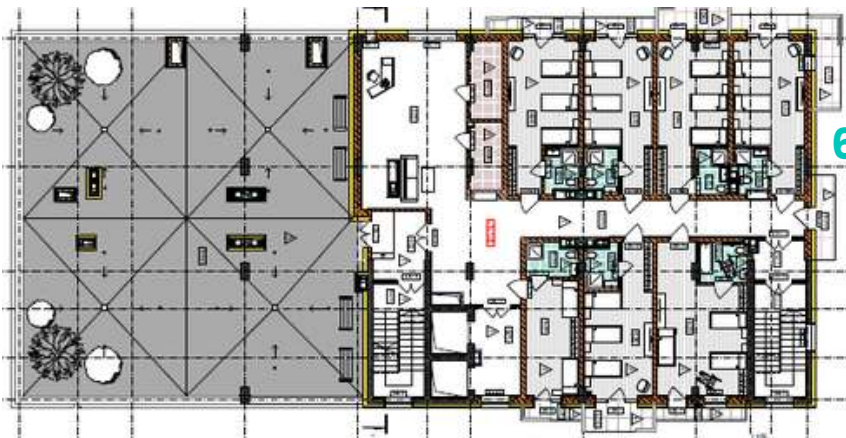
Living rooms, terraces, and an outdoor sports ground are designed on the 4th-6th floors.



4th floor

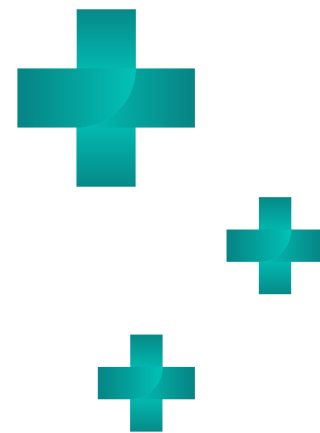


5th floor



6th floor





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