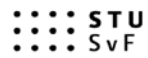


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SLOVAK UNIVERSITY OF
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Competitions and award-winning students.

ISOVER Multi Comfort Student Contest 2020 – 16th edition, Sustainable Development Park, Saint-Denis, Paris, France

In the 16th international edition of the Saint-Gobain Student Contest the assignment was to design a Sustainable Development Park combining residential, educational and recreational functions. The task of the students was to demonstrate compliance with the requirements of the Multi-Comfort system of competition announcer (quality of the indoor environment defined by indicators such as thermal comfort, lighting, acoustics, and air quality) on selected types of proposed housing units.

The assignment was to rehabilitate the industrial area running along the river Seine, which is bounded on the east side by a railway line. One of the important criteria for the assessment of the proposals was the creation of a new east - west interconnection, with the aim of creating a full - fledged communication network.

Participants could be students of architecture, design, construction engineering or other disciplines from Universities in countries where a National Stage is organized by announcer. Students of Slovak universities and departments with a focus on architecture and civil engineering competed in the national round. Overall 982 teams took part in the national rounds of the competition worldwide. In our country, 20 author groups took part in the 16th year of the competition.

Two of the awarded groups were students of the Department of Architecture in Faculty of Civil Engineering of the Slovak University of Technology in Bratislava. Namely Jakub Hanzl with Denis Pakši and Sára Grmanová with Matúš Kravčík, all gained honorable mention prizes.



(Source: Denis Pakši, Jakub Hanzl, axonometry, 2020)



(Source: Sára Grmanová, Matúš Kravčík, site plan, 2020)

Slovak Engineering Prize 2020 – jubilee 10th year, Slovakia

To the jubilee 10th year of the nationwide Slovak Engineering Prize 2020 competition, 14 students applied for the best diploma thesis of engineering studies within buildings and civil engineering, technical, technological and energy equipment of buildings, who advanced to the competition after faculty rounds.

The expert jury selected the 5 best diploma theses, in which evaluated the originality, uniqueness and progressiveness of the solution, the creative approach to the problem and the complexity of the expression of the solution philosophy. Two of the graduates of the Department of Architecture in Faculty of Civil Engineering of the Slovak University of Technology in Bratislava were awarded.

Jakub Hanzl working on 16th edition of competition Multi Comfort student contest was winner of Slovak Engineering Prize for the best diploma thesis. In his work he dealt with the whole range of solutions of a given area. He was inspired by examples of world architects, the history of the area and the philosophy of the solution. He focused on the transport connection of the locality, the proposal of the possibility of extending the traffic lines and the demographic aspect. The jury evaluated the work as a well-managed urban project. She appreciated the solution of public space, layout and architectural solutions. She highly praised the overall approach, complexity and fulfillment of the demanding assignment.

Tatiana Santová gained honorable mention for her work Ethnographic Museum of Orava in Námestovo city. The jury appreciated environmental aspects of work, energy efficiency of the building, creative approach to the solution of assignment underlined by an interesting and creative technical solution of the shape of object and construction details.



(Source: SKSI, Slovak Engineering prize, 2020)

XELLA International Student Competition 2020 – jubilee 25th year, P/Residential residence, Bratislava, Slovakia

The assignment of the jubilee 25th year was to help the new Slovak President and the Office of the President of the Slovak Republic find answers to the question of what a Presidential residence should look like, which the predecessor has not yet been able to resolve. Think in general about the question: "Is the Presidential villa in Slavín in the existing place a dignified, representative and safe place for the head of state?"

The proposals examined the possibilities that the land offers for the housing of the President of Slovakia and offered possible solutions to the functional and dispositional concept of the presidential residence.

The expert jury selected three winners out of 56 entries and also awarded three special prizes to projects that impressed the jury with their original concept. First two awards gained students of the Department of Architecture in Faculty of Civil Engineering of the Slovak University of Technology in Bratislava.

Dávid Husár with his proposal won first place. The expert jury said, that the convincing concept of the location of the building in the northwestern part of the plot, using the morphology of the terrain and the direction of the living spaces to the sides of the world, brought the added value of panoramic views oriented to the scenery of Bratislava. The proposal simply addresses the dignity and nobility of representative spaces and, on the other hand, the intimacy and quality of living spaces.

Robert Provazník and his design took second place. The expert jury assessed that the design is at first glance, a formally inconspicuous but cultivated and is an excellent representative of a clear solution embodied in a compact mass, which is optimally planted on a relatively small but complicated plot. The minimalist form visually reduces the necessary solid mass of the building.



(Source: Dávid Husár, visualization, 2020)



(Source: Robert Provazník, visualization, 2020)

This enormous dose of feelings concentrated into four days has resonated so loudly that we decided to share and open those feelings for the public throughout the following selection of photos and texts. This is to way to keep them preserved and ready to at least partially enrich readers in the way the whole journey for architecture enriched us.

The selection of chosen buildings has lead us through the part of Germany, Switzerland, France and Luxemburg. Each one of those cities was a carrier of its own and original atmosphere and experience.



(Photo: R. Ruhig, F. Bránický, Archtrip 2017)

The opening of the winter semester will always tune the atmosphere in our department of architecture and motivate it to the new school year.

Traditionally, the 7th year of the journey to architecture – Archtrip – helped to understand various European contexts and was full of impressions from the seen. Students, pedagogues and the professional community could perceive the atmosphere of honestly selected architectures and be part of them for a moment.

In this way, combining the pleasant with usefulness is used every year, especially in subjects such as atelier creations. It is at least very important, if not the most important, to show the student the realized buildings, to learn the practices of how to look at architecture, how to read it correctly and what can be learnt from it. As a bonus, he or she finds out how he/she feels when being in different interiors, how one can be influenced by the material or form and whether he/she will want to regularly return to some of the architectural creations. In this way, not only students but all of us are educated by the architectural works, just for a few days but still all the more intense.

Thanks to Archtrip, we could have visited countries such as Switzerland, Germany or Italy.



(Photo: R. Ruhig, F. Bránický, Archtrip 2018)

During the winter semester, a series of lectures of architects and designers was held for the second time. It is intended for students of programme Building constructions and architecture at the Department of architecture and is open to all architecture lovers.

The aim of the set of lectures is to present contemporary architectural work in various forms as well as Slovak studios and personalities of architecture. The aim of the Department of Architecture is to bring together and understand the various communities active in the architectural and construction spheres which is also contributed by this set of lectures, positively evaluated by students.

This approach to teaching is highly appreciated by the students themselves. Lecturers presented their approaches and understanding of architecture through

their own creative work predominantly from their own practice. Lectures are open to the public, information about the event is disseminated through professional architectural websites and social media.



(Poster: F. Bránický, Tendencies 2018)

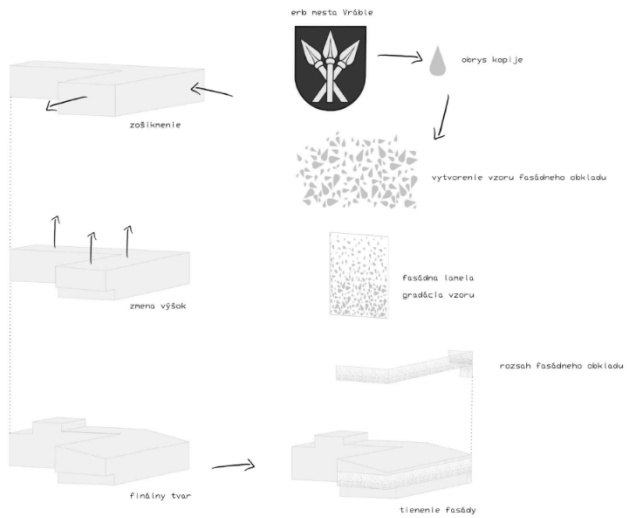
All the activities leads to better understanding the meaning of contextual and conceptual thinking in architecture.

Cultural center Vráble



Bc. Cindy Baloghová

The project is focused on the design of a cultural community center in the town of Vráble. The aim of my work is design of social facility in town, where it is currently absent. Also the aim is to use a site after a recent remediation. The building is situated in the city center, where were cultural buildings in the past. Cultural center will be used for concerts of classical and modern music, balls, dance events, theater plays, variety and school programs, exhibitions, trainings, lectures, family events, hobby groups and social clubs. Design of the construction respects the existing buildings and greenery in the area. Concept of design, public space and the existing short pedestrian zone together connect the main streets of the town.

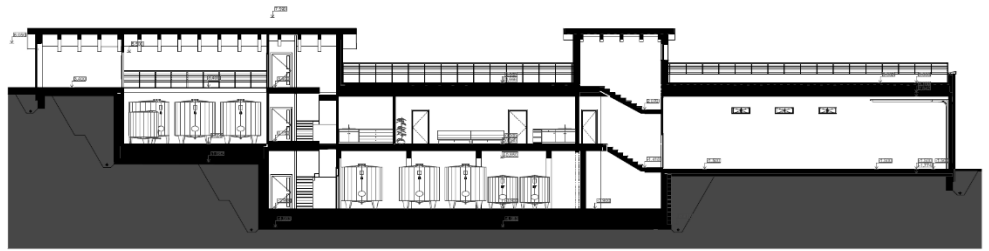
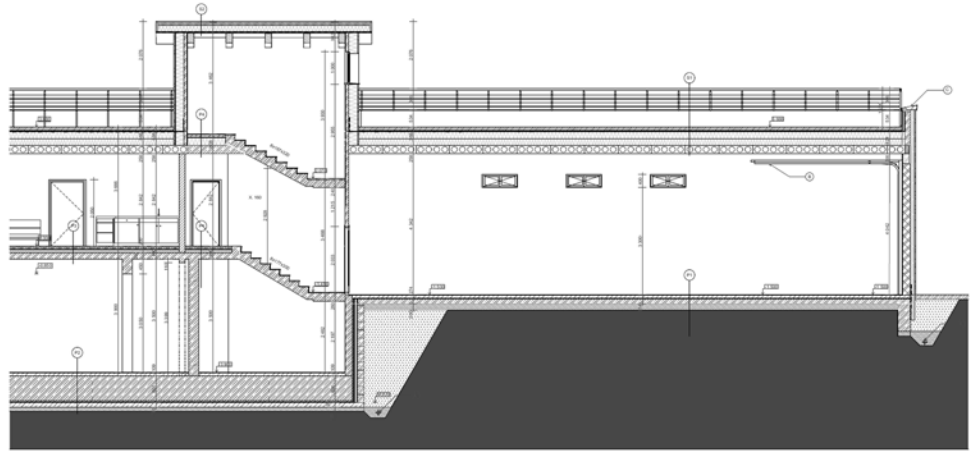
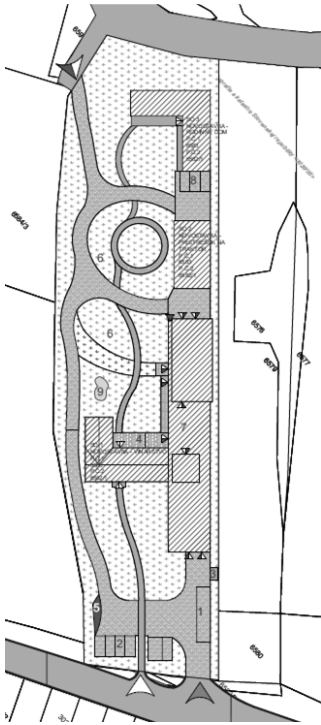


Winery, Modra



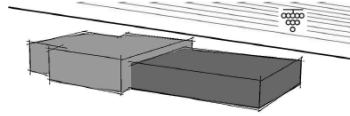
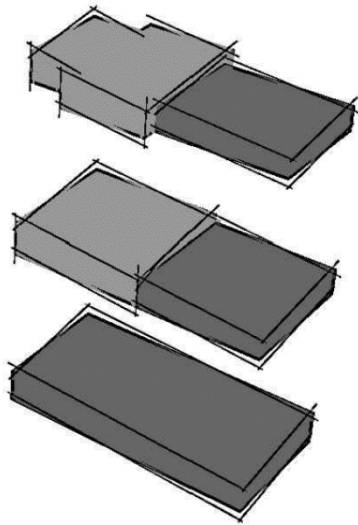
Bc. Adam Bašista

This work is architectural design of the winery and family house on private land in Modra. In the first chapter there is brief summary of winery tradition in Slovakia and in the Modra and its surrounding. Second chapter describes fundamental entry informations. In following chapters there is decribed the process of designing and final architectural design of the project, based on traditional Modra architecture, fireprotection solution, construction solution, and technical background. The ending chapter evaluates disign of project and its placement in the city part. Main goal of this oriject is architectural design of bizmismans profit intensions and his personal requests .

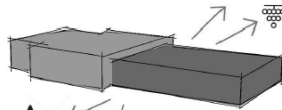


Winery, Modra**Bc. Beáta Cíbiková**

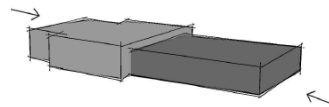
I decided to develop a project on the topic of viticulture. The solved object is located in the wine-growing town called Modra, on the flat land. Designed one-story building with expressive elements such as long narrow windows or columns, is divided into two parts. The front part of the building is public and is used for the sale and for tasting of wine with amazing views on the surrounding countryside. The processing and production of the wine takes place in the back part of this building which is visually connected to the public part. On request of owner and the investor, I also designed an arboretum.



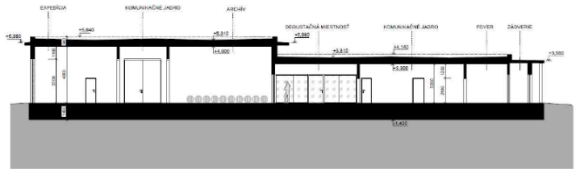
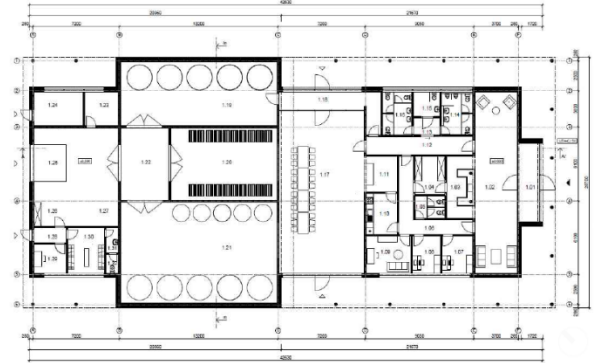
OSADENIE OBJEKTU ROVNOBEŽNE
S HRANICOU POZEMKU A VINOHRADMI



VÝHLADY NA VINOHRADY A ARBORÉTUM



ORIENTÁCIA VSTUPOV



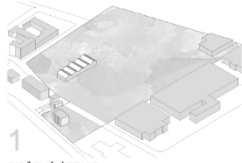
Multicomfort house contest, Elementary school and nursery, Paris



Bc. Patrik Čácala

The work concerns the design of the elementary school with nursery situated in the capital of France, Paris, in the city district of Saint-Denis. The reason behind this location is to join into the international competition Multi-Comfort Contest 2020 with my colleague Samuel Szkuban. The competition is organized by the organisation Sain-Gobain. This year of the competition focuses on revitalization of the former industrial area in Saint-Denis. One of the conditions is to design the elementary school with the nursery for the surrounding population.

The aim of the design is to respect the surrounding architecture with the emphasis on typical elements of given location. In this case, these elements involve the saddle roofs which are derived from the neighbouring building. The building consists of seven „moduls“, each of which has a gabled roof. Additionally, the building is designed in the slope and therefore the parts of it have basement underneath. Vertically, it consists of two storeys and one partly underground storey. There are storage rooms on the first underground floor, food supply driveway and indoor parking space. The first and second floors are divided into four parts in the ground plan. Parts are as follow: administration office, canteen, elementary school and nursery. The dividing was created based on the reasonable layout of units with the concern on the smooth operation. Inside the building, there are parts of some of the moduls which are removed. The reason is dematerialization and creation of exterior atrium.



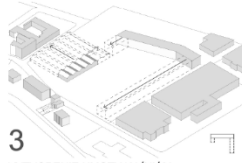
1 RIEŠENÉ ÚZEMIE

NA RIEŠENOM ÚZEMÍ SME VYRIEŠILI ZARADENIE ŠKOLY S MATERSKOU ŠKOLOU, SOCIÁLNE BYVANIE A ZELENÉ PLOCHY. PRÍČOM SME MUŠELI ZACHOVAŤ OBJEKT MAISON COGNÉTE A BUDOVU SVALDOV.



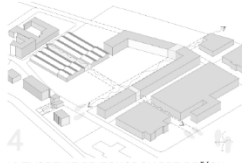
2 VYTVORENIE AKUSTICKEJ BARIÉRY

V BLÍDKOSTI ÚZEMIA SA NACHÁDZA NIEKOLO VLAKOVÝCH KOČÁK, KTORÉ VYTŮVÁJAJU HLUK. PRE TO SME OBJEKT BYVANIA UMESTILI ŠPEROM, KTORÝ VYTŮVÁRA PREKÁŽKU. PARK (FILTRACIÚ ZELENÉ) SME UMESTILI K VLAKOVÉJ KOMUNIKÁCIÍ. PRE TOŽE STROMY A ZELEŇ VYTŮVÁJAJU PŘIROZENÚ AKUSTICKÚ BARIÉRU.



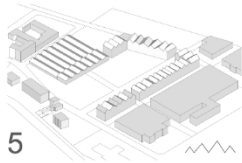
3 VYTVORENIE HMOTY K LÍNIAM EXISTUJÚCICH BUDOV

VYTVORENIE HMOTY SME VYTŮVILI K LÍNIAM OKOLITÝCH EXISTUJÚCICH BUDOV, ŽNA SME DEFINOVALI STŮBNE OČIARY NÁŠHO ÚZEMIA.



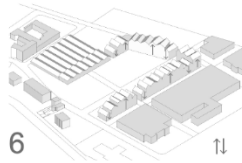
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PRE PEŠÍCH SME VYTŮVORILI PŘECHODY A ŽAROVŇA SME TÝM VYTŮVORILI HORŠIE PEŠIE OSI ÚZEMIA, KTORÉ POUKAZUJÚ NA DVE BUDOVY, KTORÉ SME MUŠELI ZACHOVAŤ.



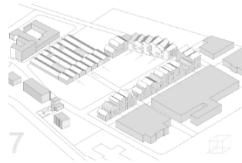
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V TVARE ŠKOFICH, SEDLOVÝCH STŘECH SME SA NĚHROVALI EXISTUJÚCÍ BUDOVY SVALDOV A BUDOVAMI, KTORÉ SA NACHÁDŽAJÚ V ŠPŘSOM OKOLI.



6 PRISŮBOPENIE VÝŠOK

BOLO POTŘEBNÉ PRISŮBOPĚŤ VÝŠKY K OKOLITÝM BUDOVÁM A VYTVORENIE TAK PLYNLIVÉHO PŘECHODU MEZDI EXISTUJÚCÍ BUDOVAMI A NAMI NÁVRHOVANÝMI BUDOVAMI.



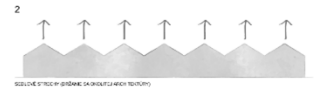
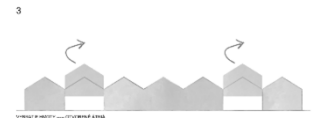
7 ODHMOTNENIE - LOGGIE, SKLENÍKY, ÁTRIA

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8 TVORBA ZELENÝCH PŁOCH A PARKOV

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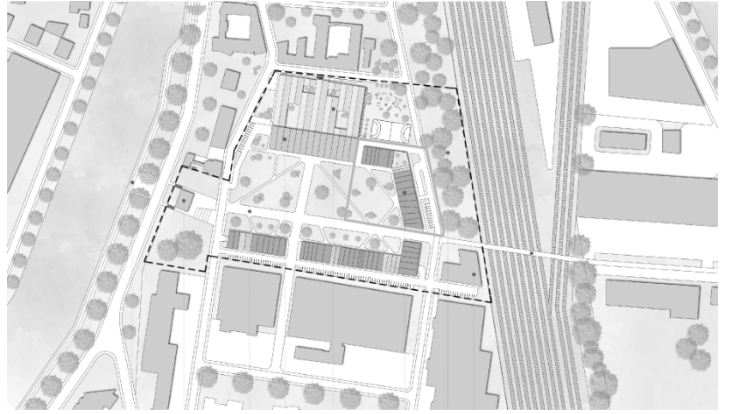
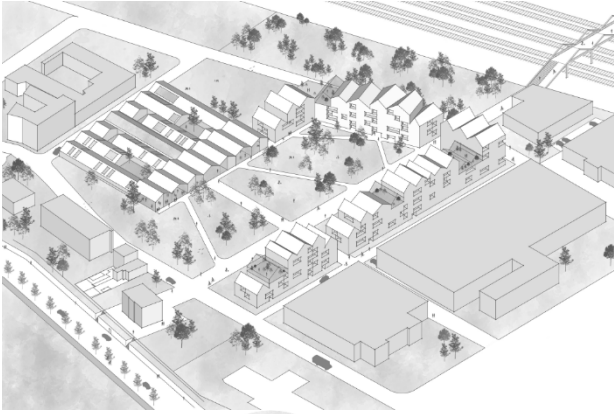


Multicomfort house contest, Social Housing, Paris



Bc. Samuel Szkuban

The assignment of my project results from the architectural competition Multi Comfort Contest 2020. The aim is the elaboration of the architectural layout of the northern district of Paris, Saint-Dennis, France. In the given area it is required to resolve and design social housing with approximately 250-300 flats, park, primary school with kindergarten and renovation of two historical objects. The proposal by its mass and overall form is integrated into the area and meets the requirements to convert industrial zone into a zone which will be full of life and new functions. The social housing object itself consists of 3-7 floors and has got one underground level. On the first floor there are rental areas, offices and services. The remaining floors feature with social flats, that meet existing requirements for people in need in France and are suitable for young families, people working in discussed territory or seniors. Newly designed complex of objects creates an active place for social and cultural living in the area.



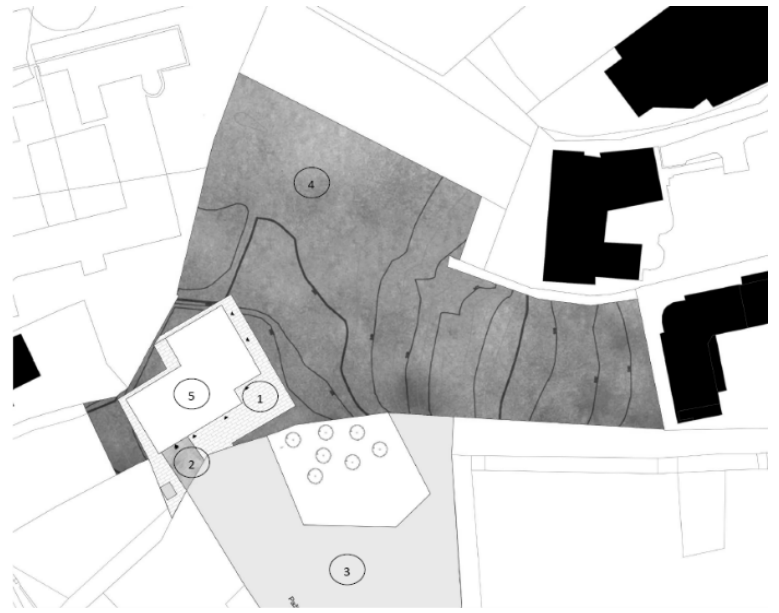
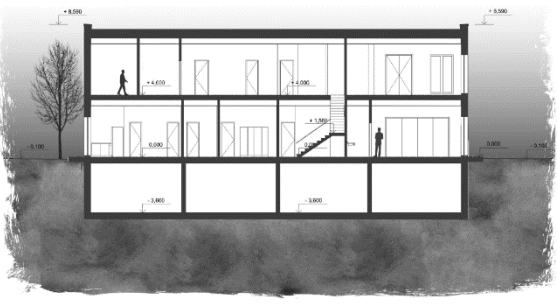
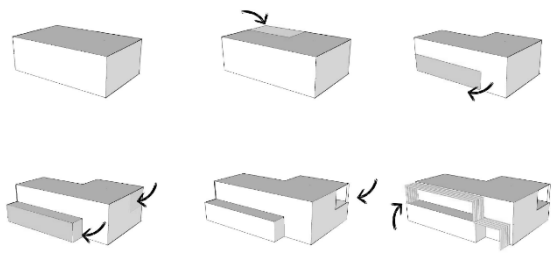
The Presidential villa on Slavín hill, Bratislava



Bc. Katarína Drgoňová

The aim of the work is to design presidential villa for president of Slovak Republic. The villa will be located on Slavín hill in Bratislava. The proposed building requires regulations and standards for residential living for the president. The building will be mainly used as private residence for president and his family.

The building consists of two storey and basement. In basement there is garage, storage, and technical facilities. On the first floor are more functional layouts - public sector related to food preparation, private sector, circulation space and spaces for security services. On the second floor is designed above- standard flat and visitor's wing.



Orangery next to the manor house, Chtelnica

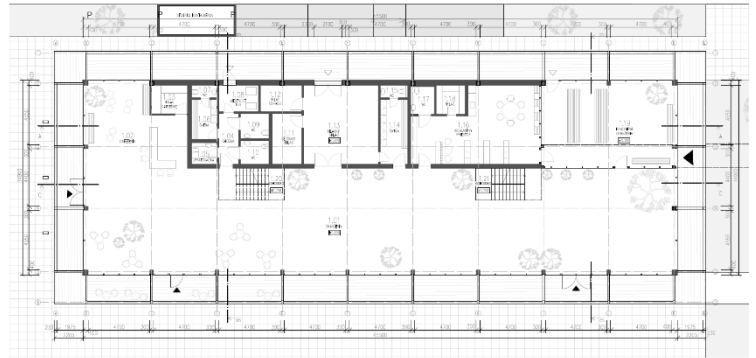
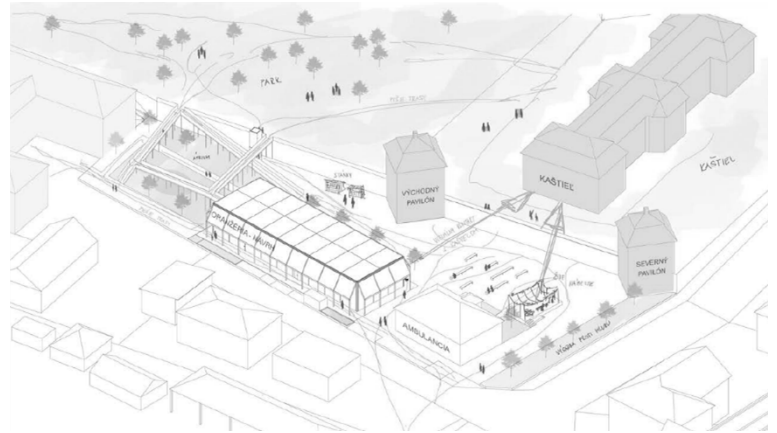
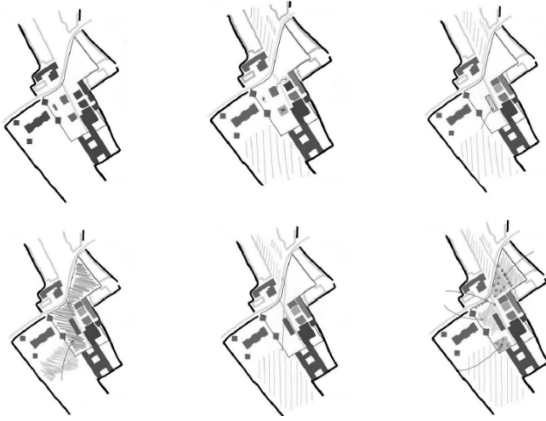


Bc. Peter Dúbravka

My project deals with the design of the unique orangery building, set in the surroundings of a reconstructed neobaroque manor-house from the 17th century in Chtelnica. The main objective is to build a building that will with its function complement the manor-house and respect its location. At the same time, it should refer to the historical citrus orchard.

Aesthetic requirements are focused on a simple modern building, which will not attract attention from the manor-house and the park which should be reconstructed into an English garden in the future.

Orangery buildings themselves were known to attract people, who were able to taste exotic fruits that could not be grown outdoors in our climatic conditions at that time. Following the examples of significant mansions such as the castle in Austrian Schloss Hof and the castle in Lednice, it may be the Chtelnica manor-house, which will be another building offering visitors and residents a unique historical and architectural experience.



Multicomfort house contest, Elementary school and nursery, Paris



Bc. Mária Girašková

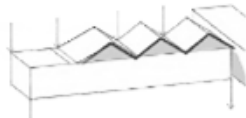
The assignment of the project was designing the solution of the competition ISOVER Multicomfort House Contest 2020, which was focused on comprehensive solution of the sustainable development of construction in the Saint-Denis, district of Paris. Selected zone is post-industrial part of Saint-Denis and is located 9,4 km far from city centre of Paris. Economic essence of this place has potential to increase the living standards of current population, young families and people which mostly belongs to socially weaker class. The aim of competition task is to design selected district with residential, educational and recreational function, and also revitalisation of small historical buildings as an inspiration for theme sustainable architecture.

Together, with my colleague, Eva Kováčová, we deal with converting of postindustrial zone to the zone with mainly residential function, which is needed to be renewed. As source of basic information of renovation was architectural study and future plans with roads and paths of that location for the years 2013 – 2026. As first, we started designing new urban plan. Our design was based on wider relations of district, and preexisting bonds and population movement.

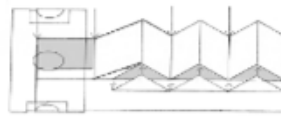
On the west side, district is boarded with river Seine, which offers attractive views and space for recreation. On the east side, district is boarded with the railway, which creates the main negative urban aspect of this place. As a solution for this issue, we designed acoustic barrier. In case of revitalisation of historical buildings, one of them – former cement warehouse - became the centre of newly established square. Into appearance of square, we apply elements of Saint Denis's history and also lines and proportions of mentioned warehouse. My colleague, Eva Kováčová, deals with residential part of the competition's assignment. Her job was to design social housing. The assignment of my work is to design kinder garden and elementary school. Primary school is attended by children from 6 to 10 years and kindergarten are attended by children from 6 to 10 years. The mass of the buildings comes from the existing industrial buildings and also takes over the element of saddle roofs. Building of school also communicates directly with the four-storey historical monument in which the area will be used for rest and recreation.



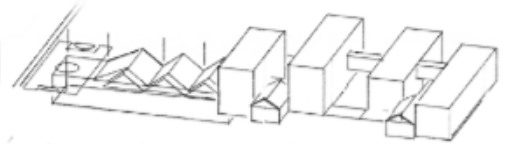
1. CIL: MĚŘENÍ A JEDNOTNÝ ÚPLNÝ SYSTÉM
 SÍŤ VYKONÁVÁNÍ TRAVNĚ HISTORICKÉ BUDOVY
 APLIKOVAT NA KONEČNÉ ŠIKLY A ŠIKLY



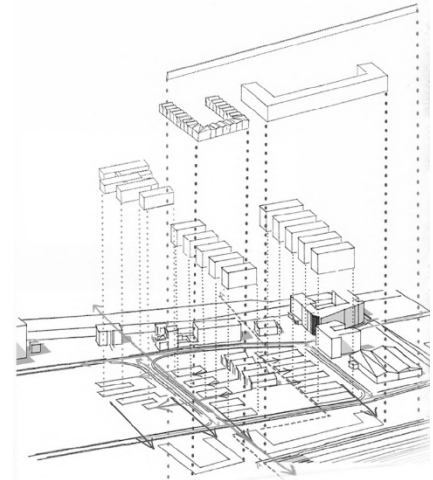
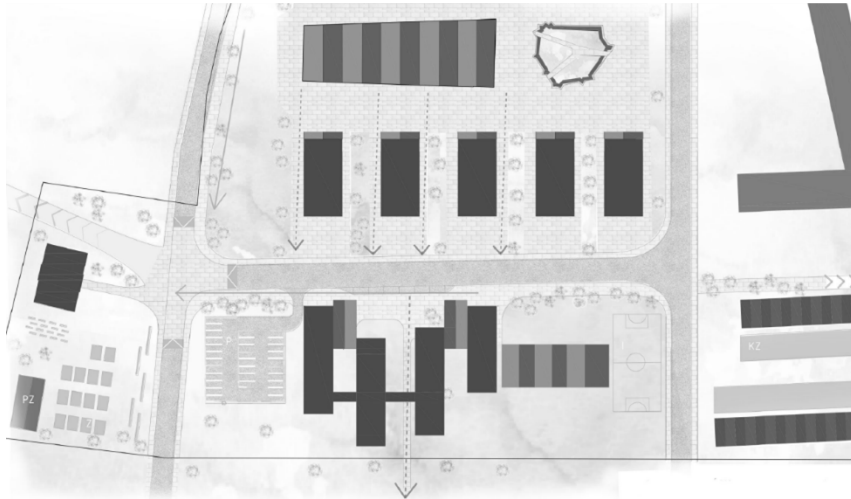
2. CIL: VYKONÁVÁNÍ TRAVNĚ
 DOKONČENÍ VYKONÁVÁNÍ PŘESTORA
 JEDNOTNÝM PŘÍZEMÍ



3. NA PŘÍZEMÍ OSTĚVA, JEDNÝ PLOCHÝ STŘECH
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 KŮŽE PŘÍZEMÍ A VYUŽITÍ AŽ TRUBINA



4. CIL: VYKONÁVÁNÍ NA PŘÍZEMÍ PRÁHO KŮŽE
 S TRAVNĚM Z PŘÍZEMÍ ČI ČI



Multicomfort house contest, Social Housing, Paris



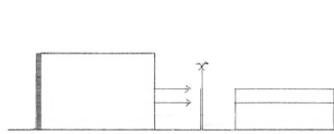
Bc. Eva Kováčová

The assignment of the project was designing the solution of the competition ISOVER Multicomfort House Contest 2020, which was focused on comprehensive solution of the sustainable development of construction in the Saint-Denis, district of Paris. Selected zone is post-industrial part of Saint-Denis and is located 9,4 km far from city centre of Paris. Economic essence of this place has potential to increase the living standards of current population, young families and people which mostly belongs to socially weaker class. The aim of competition task is to design selected district with residential, educational and recreational function, and also revitalisation of small historical buildings as an inspiration for theme sustainable architecture.

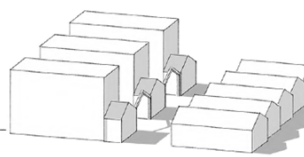
Together, with my colleague, Mária Girašková, we deal with converting of postindustrial zone to the zone with mainly residential function, which is needed to be renewed. As source of basic information of renovation was architectural study and future plans with roads and paths of that location for the years 2013 – 2026. As first, we started designing new urban plan. Our design was based on wider relations of district, preexisting bonds and population movement.

On the west side, district is boarded with river Seine, which offers attractive views and space for recreation. On the east side, district is boarded with the railway, which creates the main negative urban aspect of this place. As a solution for this issue, we designed acoustic barrier. In case of revitalisation of historical buildings, one of them – former cement warehouse - became centre of our new design.

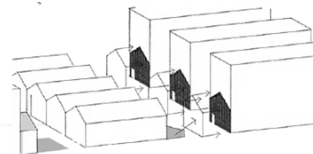
The assignment of my project is to design social housing in selected district. The proposal consists of complex of flat houses and of U - block of family houses. The mass and siting of flat houses is based on proportions and location of historical warehouse. They are placed around the warehouse and as a whole, they create the pedestrian zone and community centre.



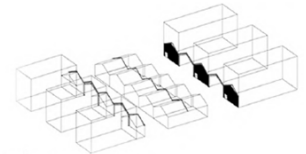
UMIESTNENIE RÁMU ZRKADLA
- ZRKADLENIE HMOTY HISTORICKEJ BUDOVY



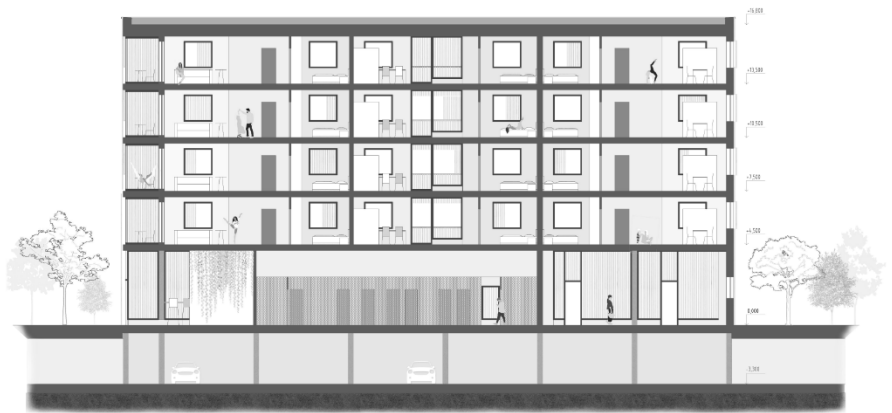
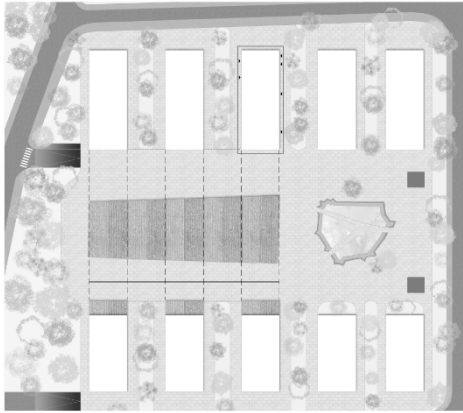
VYSUNUTIE HMOTY



KOPIOVANIE SILUETY TIENĽA - VYTVORENIE TIENĽA



MOTÍV HISTORICKEJ BUDOVY
VNESENÝ DO NAVRHOVANÝCH STAVIEB



Multicomfort house contest, Apartment House, Paris



Bc. Dajana Goda

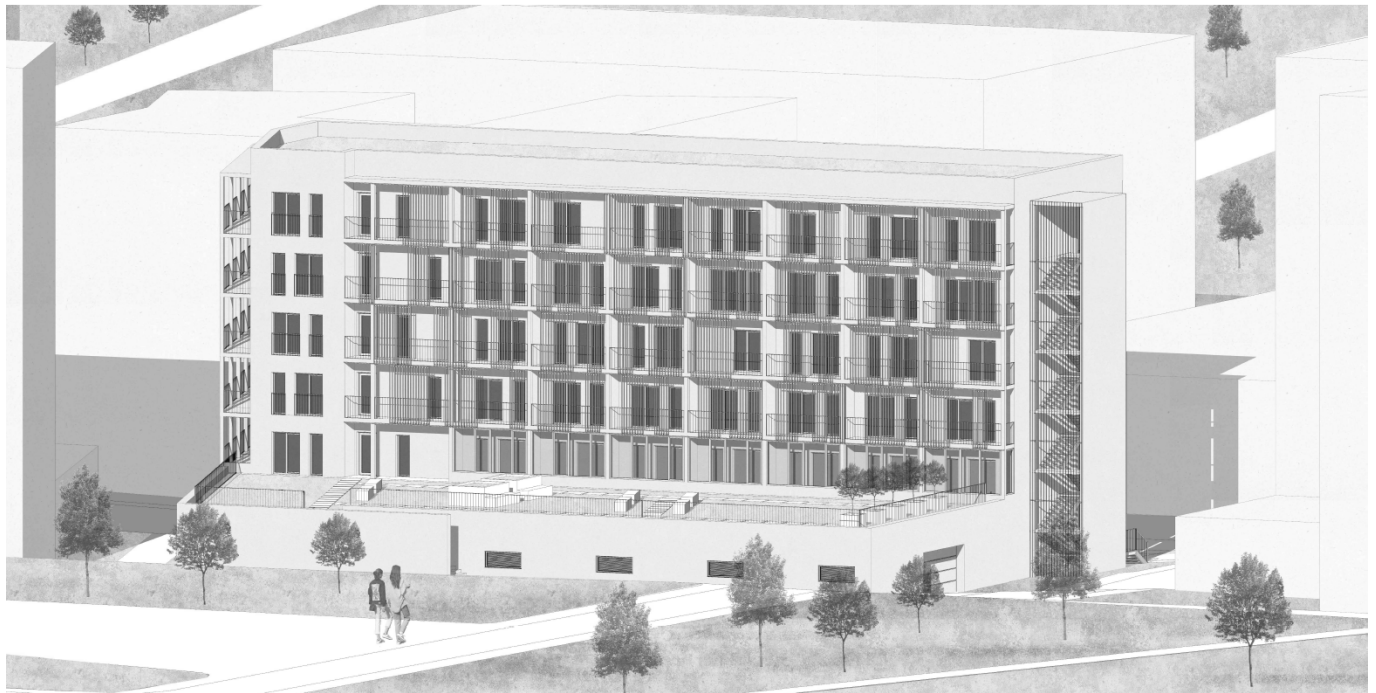
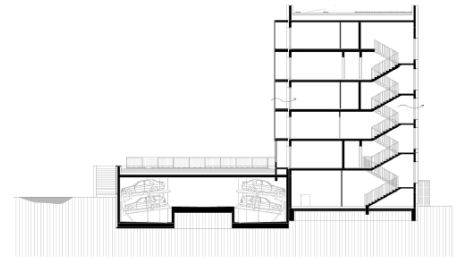
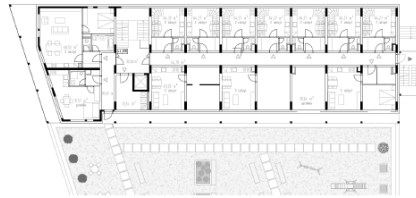
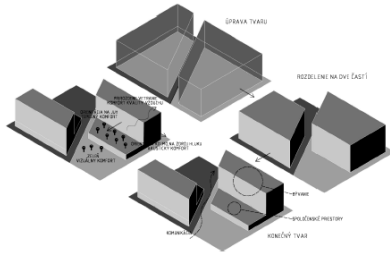
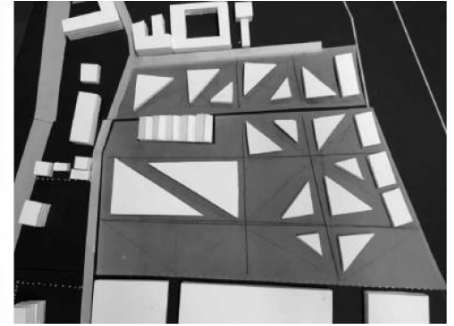
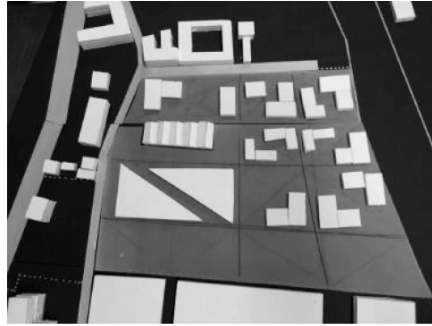
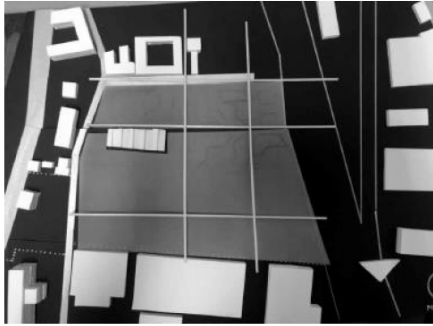
The aim of the work was to design a residential building with social housing, which would provide residential function as same as social function. The building is integrated into a new residential area in Saint-Denis, Paris, near the river Seine.

Designed building supports the idea of social, economic and architectural sustainability. With its orientation, materials used and technical solution, it creates conditions for comfortable living, consisting of thermal, acoustic, visual and air quality comfort.

The residential building has six floors and is divided vertically into the lower part that includes spaces for socialization, communal terrace, garage, main entrance, rentable premises and technical spaces.

The upper part is intended for living with studios, two-room and three-room apartments. At present, 35 housing units have been designed. The construction solution allows floorplan and number variability. Many apartments are designed as duplex, with living rooms oriented to the south, the bedroom and kitchen to the north and the hygiene areas located in the middle of the floorplan.

Housing is intended for all groups of people, such as young families and couples, students or people with disabilities.

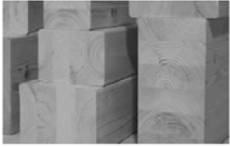


Winery, Modra**Bc. Kristína Gračková**

The aim of my project was to design a family winery and his integration into the landscape above the wine-growing town of Modra. So that it respects the surrounding buildings and at the same time creates his own identity. In the assignment, I also considered an arboretum, which was a request of the investor.

The winery is located on a large plot. There are vineyards at the back of the plot. The building is partially basemented in order to better maintain a constant temperature during wine production and to prevent temperature fluctuations. An air conditioning unit is designed on the green flat roof, due to the further cooling of the rooms in which the wine is produced. In total, the winery is designed to produce 100 000 liters of wine per a year.

INŠPIRÁCIA VO VINÁRSKOM SUDE



LEPENÉ LAMELOVÉ DREVO BSH

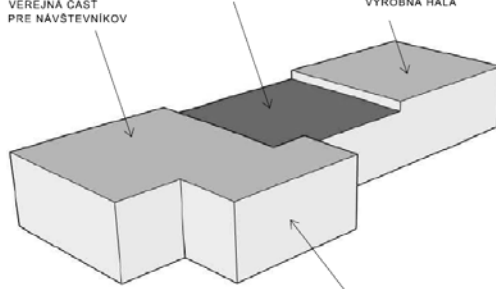


OHÝBANÉ LAMELY
NA BUDOVE VINÁRSTVA

VEREJNÁ ČASŤ
PRE NÁVŠTEVNIKOV

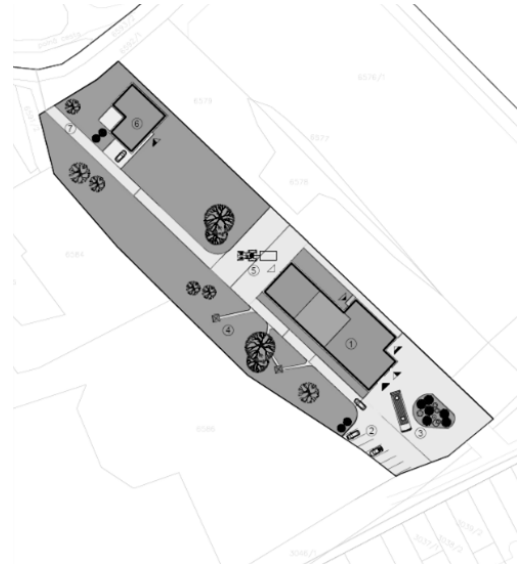
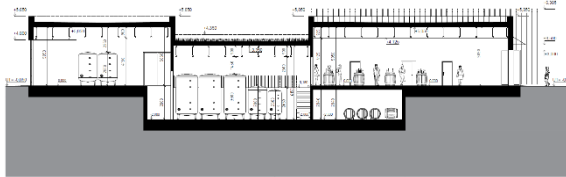
ZELENÁ PLOCHÁ STRECHA
(UMIESTNENIE VZT JEDNOTKY)

VYROBNÁ HALA



FILOZOFIA A KONCEPT RIEŠENIA

EXPEDIČNÁ ČASŤ



Multicomfort House, Paris

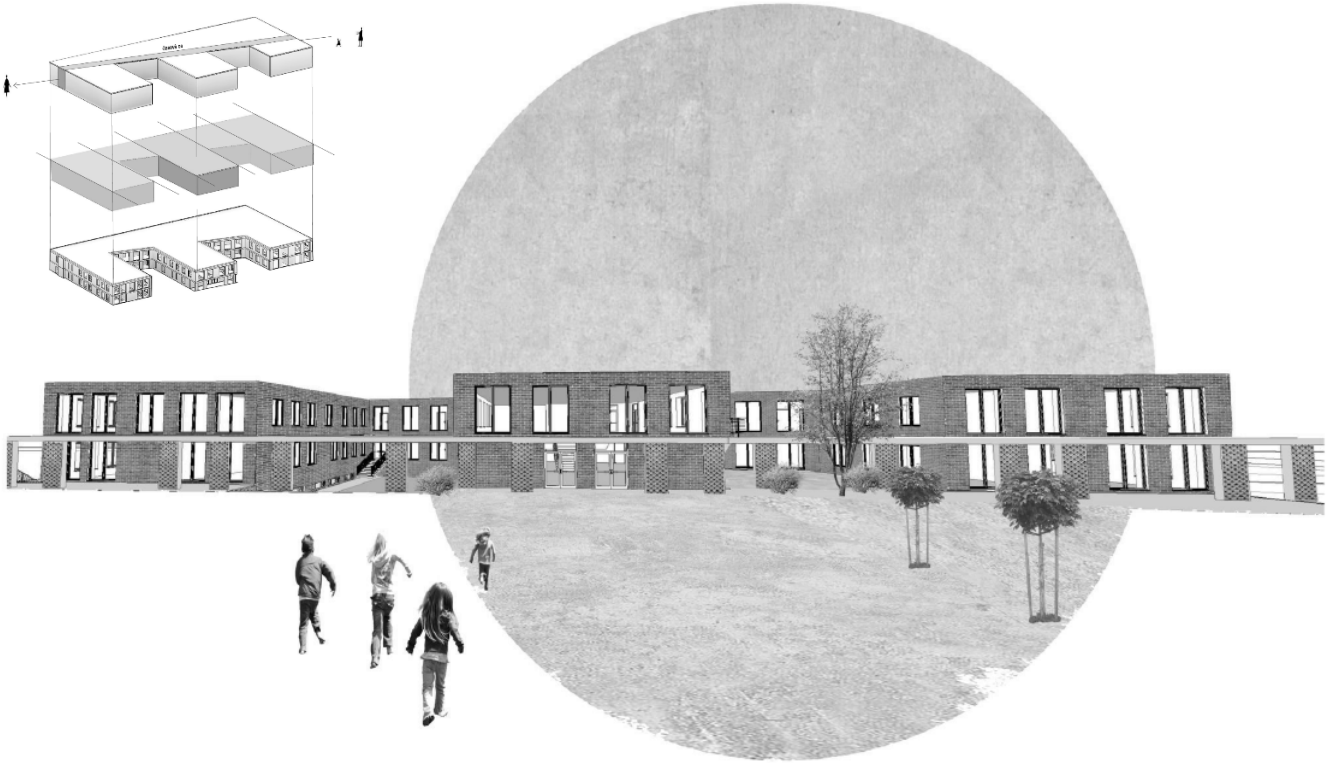
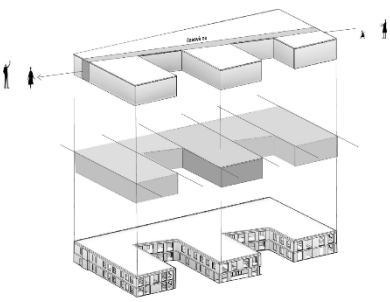
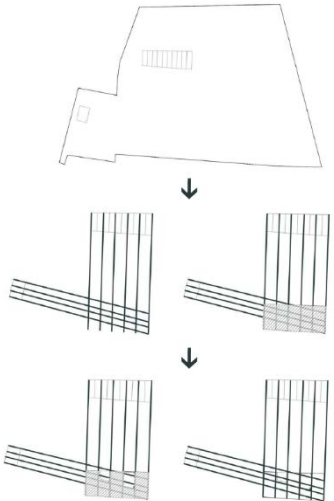


Bc. Sára Grmanová

The assignment of this work was to create an architectural study of a kindergarten together with a primary school under the international competition Multicomfort from Saint-Gobain Contest 2020. The requirements were mainly to transform the post industrial area into a green area respecting the past and heritage. Focus mainly on sustainability, renewability, economy, functionality and quality of the indoor environment. The shape of the building and the disposition, whether the materials are related to the history of the environment and the incorporation into the urban complex.

The building is located on the outskirts of Paris in France, specifically Saint Denis. It is a former medieval town, later industrial, with a rare history. Currently sufficiently improving towards the environment. Other parts of the competition design were a combination of residential and recreational function with the condition of preserving two historic buildings located in this area. One of the buildings is old historic warehouses and the other is the family house of the important Francois Coignet. When proposing a new use of the area, my colleague Matúš Kravčík and I started

with a gradual analysis of the urban area. We focused mainly on the future implementation of the cycle route, which is part of the design of the new area. The main problem of the area is acoustic discomfort, due to the fact that next to the area there are several high-frequency railway lines. We solved the problem by designing a garage acoustic barrier, which is part of apartment buildings. The design of buildings with a residential function is the subject of a work by Matúš Kravčík.



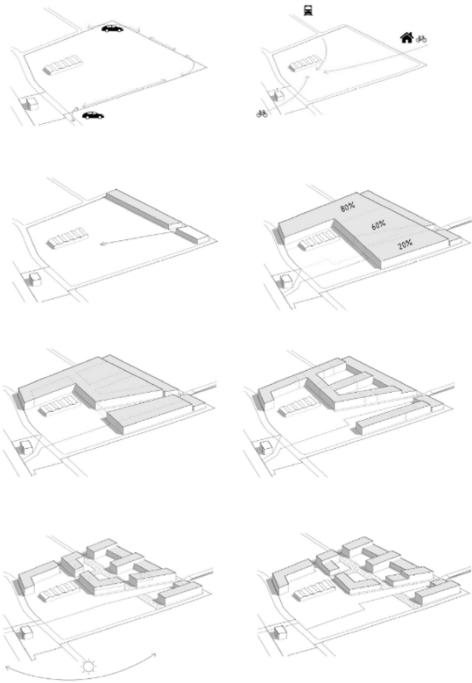
Multicomfort House, Paris



Bc. Matúš Kravčík

The main subject of this project was to create an architectural study of a complex intended for housing directed by company Saint-Gobain, as an international competition called MultiComfort House. The territory is situated in Saint-Denis commune in Paris, which was strongly industrial in the past and had a rich history. House of Francois Coignet, who was an important industrialist, is also situated in this territory. Coignet was a pioneer in the development of prefabricated iron-reinforced concrete and was the first one who used iron in concrete as a technique for building construction.

The task was to create sustainable, economical, functional apartment complex in post-industrial area with respect for historical message of the place. At the same time, it was very important to ensure enough greenery. Another task was to deal with acoustic noise, affected by nearby railway with several tracks. The design should also consider cycle routes leading through the area. The overall design should serve as an impulse for new development in the area.



Recreational and relaxing complex in Bachledova dolina, High Tatras



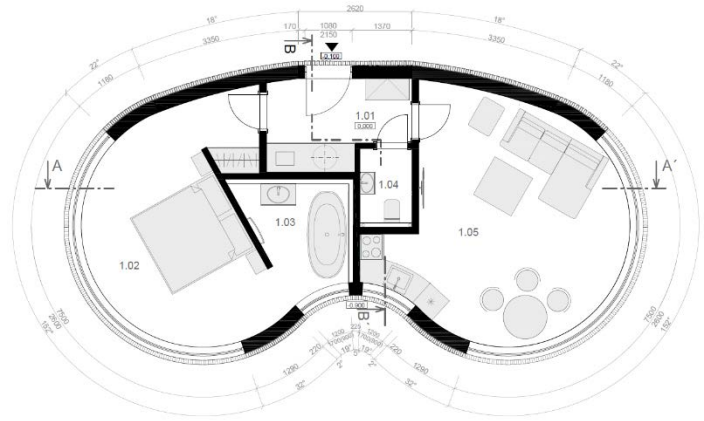
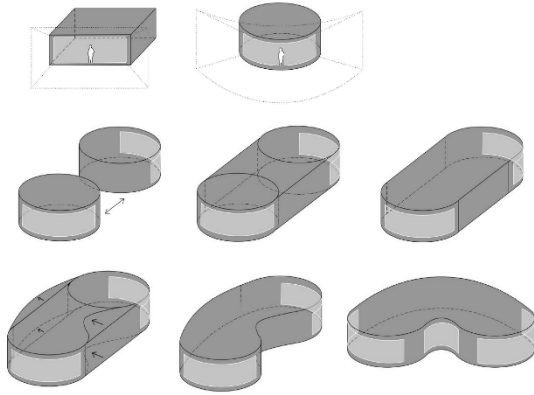
Bc. Pavol Kadaši

This project focuses on the architectural design of housing complex in nature with elements of modern architecture, designated for relax and recreation in Bachledova Valley. The main idea of this work is to design recreational short-term accommodation, situated in the mountains with an aim to achieve the greatest experience from a short-term stay.

It is the location in the mountains as well as the spectacular view on Belianske Tatras that represent the main aspects of experience, which this design aims to achieve. The intentional placing among the trees and the immediate presence of hiking trails, cycling routes and ski slopes offer a great variety of opportunities for trips, sport and relax.

The inspiration for this design was a circular shape, which allows better views and represents the idea of a new cultivated architectural building that does not significantly interfere with the natural environment.

Bachledova Valley is a recreational area for summer and winter tourism, known for its beautiful nature, many touristic attractions and a dominant view on the surrounding hills. The construction of the ski resort Bachledka Ski & Sun, the treetop walk and the panoramic restaurant have significantly increased over the last years the tourism in the surrounding area. This high public interest in the Bachledova Valley was one of the reasons to design a complex of recreational apartments that will bring a new dimension of housing in this area.



Multicomfort house contest, kindergarten and primary school, Paris

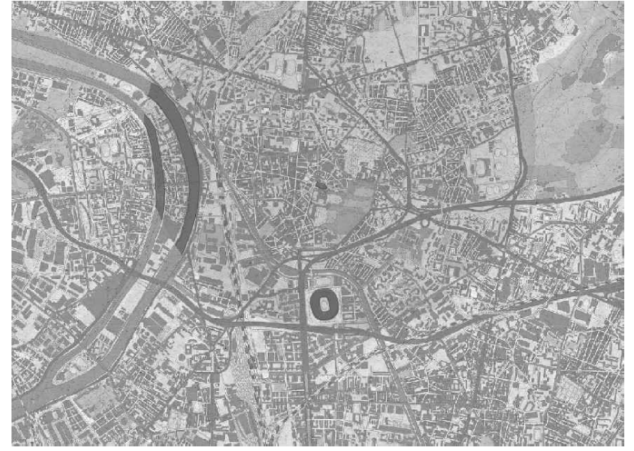
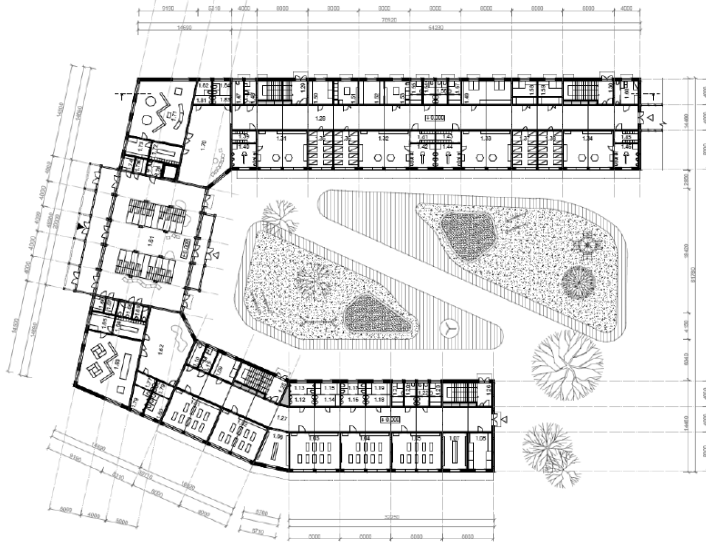


Bc. Tomáš Kadlec

The task of my project is based on the assignment of an international architectural competition - Multi Comfort Contest (year 2020). The aim of this assignment was the architectural - urbanistic and functional - cultural revitalization of the area in the city of Saint-Denis in France. An important part of this task was the use of sustainable architecture in the design itself in order to achieve a comfortable and healthy standard of the indoor environment (its principles) - the so-called MULTI COMFORT.

My part of the assignment, which is the subject of the work, was the design of a kindergarten and primary school with the integration of a leisure center, subject to the above assumptions. During the elaboration, it was necessary to conceptually combine and balance various issues. Architectural, urban, functional, sustainable, typological, historicalcultural, social and artistic. It follows that it was necessary to approach the work in methodically different ways of solving the problem in an effort to find a common consensus of individual issues.

The mutual interaction, conjunction and disjunction of the solution of these problems creates a proposal, which is the result of my work.



Orangery next to the manor house, Chtelnica



Bc. Marián Kiaba

The project deals with the design of a new orangery building near the manor house, in village Chtelnica, right in the historical center. The proposal solved plot located at the place of the former economic part of the Baroque manor house.

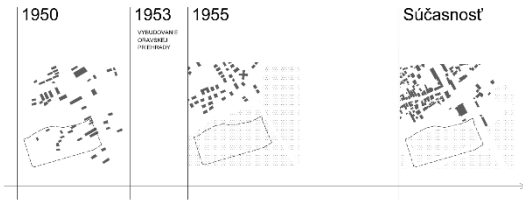
It was in the solved area that once stood an orangery building from which nothing has been preserved to this day. My task was to restore this important object in the context of the manor house by creating a public space that will give the inhabitants of the village place for their social and leisure activities. At the same time to restore the function of winter storage of plants or the possibility of year-round crop production and to bring the manor house to the attention not only of local citizens but also of the general public, also by raising the level of tourism in the village Chtelnica. With its composite and material solution, the building itself fits into the environment and solves the spaces for the cafeteria, providing visitors with the opportunity to sit in the green spaces of the orangery. With this solution, life will return to the beautiful historical monuments of Slovakia.

Orava Museum of Ethnography, Námestovo

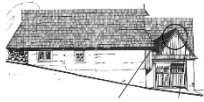


Bc. Katarína Klapáková

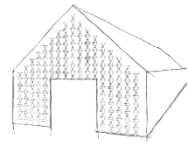
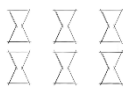
The primary goal of this work is to design a museum of ethnography in the Orava region, which will focus mainly on the collections of a local collector of folk artifacts in the neighborhood of Orava. The building is located on the waterfront of the Orava Dam in the town of Námestovo. The land is located near the bus station and the urban pedestrian zone, the secondary goal of the work is to make the relatively unused waterfront more attractive for city residents as well as for tourists. The building is designed as a two-storey, one of these storeys is located overground and second one is located underground. The design of the building uses elements of Orava folk architecture, based on the typological principles of the museum design. museum design.



ORAVSKÁ LUDOVÁ ARCHITEKTÚRA



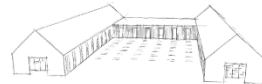
ORAVSKÉ MÚZEUM ETNOGRAFIE



ORAVSKÁ LUDOVÁ ARCHITEKTÚRA



ORAVSKÉ MÚZEUM ETNOGRAFIE

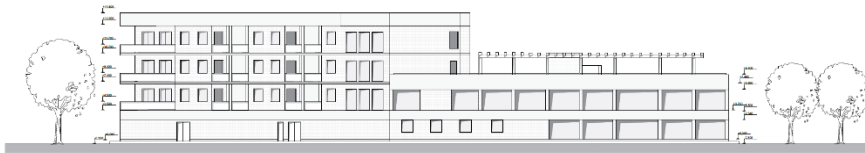
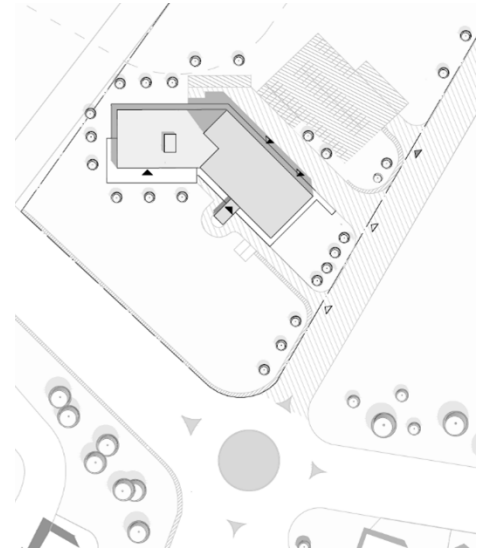
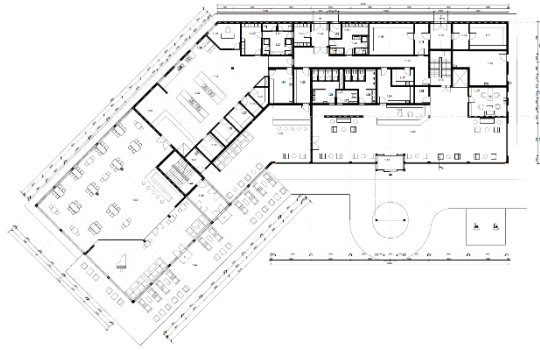
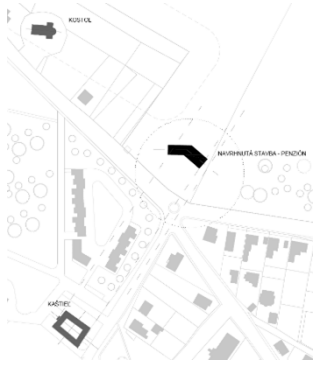


Pension, Rohovce



Bc. Karmen Kovačičová

The aim of my project was to design a guest house for about 60 people. The chosen locality became the village of Rohovce, due to suitable connections to international land and water transport. The building is located near the dominant buildings of the village, ie. A Renaissance mansion and a church. The pension is divided into a restaurant-conference part and an accommodation part. The smaller wing of the building consists of a restaurant on the ground floor, and a conference room above the restaurant. The restaurant offers all-day dining for visitors, and the conference room provides events and celebrations. Most of the building consists of accommodation facilities, a reception, a café, a kitchen with storage facilities and an administration with staff facilities. On the second, third and fourth floors there are 27 rooms and 3 apartments. Each room is equipped with a separate bathroom and with loggia.



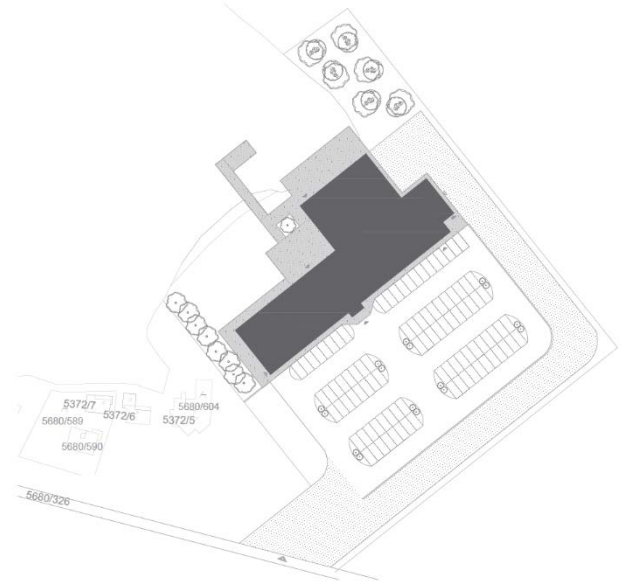
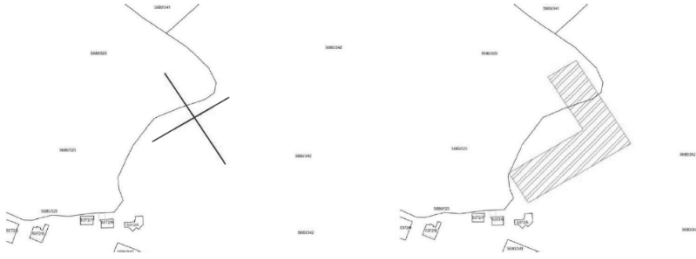
Pension, Malé Leváre - Rudava



Bc. Tereza Kralovičová

The aim of my project was to design a pension with a wellness and restaurant, which provides all-day dining. The building must comply with the architectural, static, fire and technical facilities of the buildings.

The building consists of two floors. On the first floor the wellness is situated, café, restaurant with kitchen and storage space and administration with staff. On the second floor there is accommodation with capacity of about 50 beds. Rooms are designed as double rooms, for more guests there is an extra bed. Each room has a private bathroom. The orientation of the rooms was based on the landing, the majority of the rooms facing northwest with a view of the lake. The proposed pension is located in RO Rudava.



Family settlement, Orava



Bc. Peter Kubica

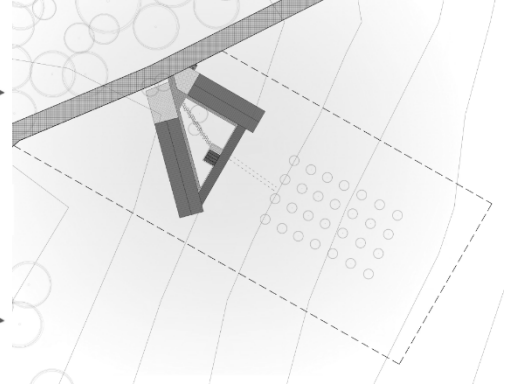
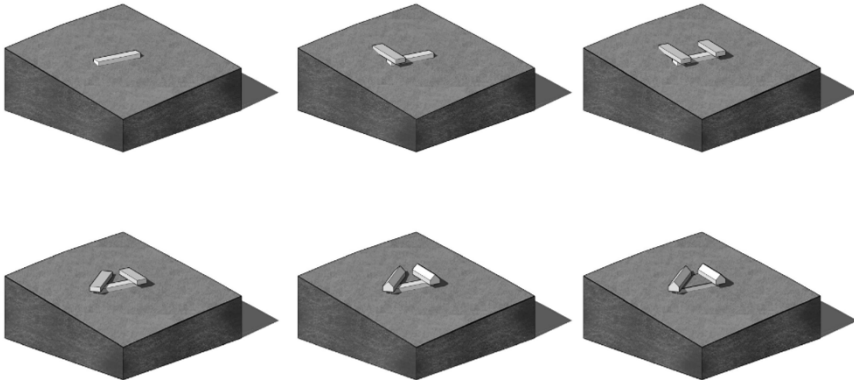
The assignment of this project was to propose a solution for a detached family settlement in the Orava region, specifically in the village of Štefanov nad Oravou. Part of the assignment was also the area reserved for the design of this estate, which is located in the cadastral area of the village but its location is outside the main parts of the village.

In terms of functionality, it should be an above-standard space designed for three generations to live with social spaces for meeting a large family. We must provide accommodation for guests and many family members, while giving them the experience of housing and provide unobstructed views of the surrounding countryside.

The building stands on a sloping plot, so we must design the optimization of the terrain and simplify its modifications to increase its usability. We sought help with this problem in the history and wisdom of our ancestors and we were inspired by buildings from the past, where the buildings were often planted in the field, but the interventions in the terrain were not significant, quite the opposite.

During the elaboration of this work, we began to get acquainted with the history of Orava architecture, draw on our knowledge of Orava vernacular architecture and adapt our design to the context of the Orava village. We continued with the urban study of the surroundings, which included the design of a new road and engineering networks, traffic and terrain modifications in the places of access roads to the land. Part of these modifications was also the connection with hiking and walking trails as well as bike paths. As one of the advantages we can mention the excellent orientation of the slope to the southeast, thanks to which we were able to provide enriching views of the country as well as plenty of sunlight, which are rare in the Orava region.

The mass of buildings is inspired by traditional Orava architecture. Elements of this architecture can be found in the shape of roofs, the foundation of the building in the field, the aspect ratio of the buildings, in the materials used as well as in the layout of the interior. Despite the inspiration in historical sources, the projected object will be modern and timeless. We use quality materials, modern technology and tasteful design with the use of glass surfaces and a dominant wall facing the valley from the building

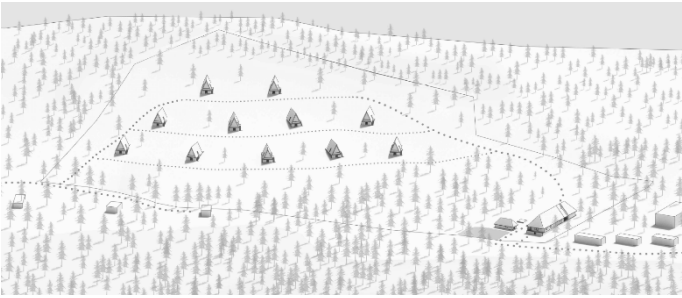
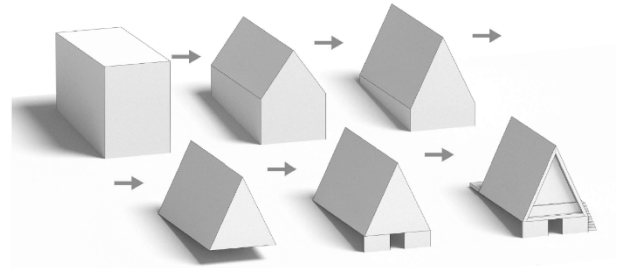
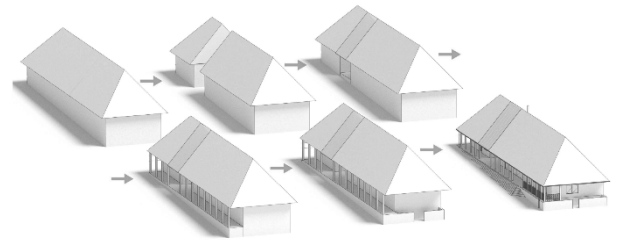
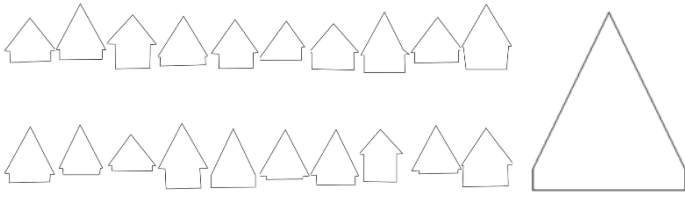


Cottage settlement, Orava



Bc. Ľubomír Magerčák

The aim of my work was to design a cottage settlement in the Orava region as a separate area for temporary accommodation. I chose the village of Zuberec as a place mainly because of its historical character in terms of traditional Slovak architecture and also the high number of tourists who visit village throughout the year. The cottage settlement will bring 50 new tourist places to the area, of which there is a shortage in the village, especially during the season. The design respects the zoning plan of the village and the existing development near the land. The land is located in a forest environment in the recreational area of the village with planned construction, so the design seeks to minimize losses of existing greenery. The area was gradually analysed until the design of individual buildings that meet the current standard of temporary accommodation and also take into account the history of traditional Orava architecture was created.

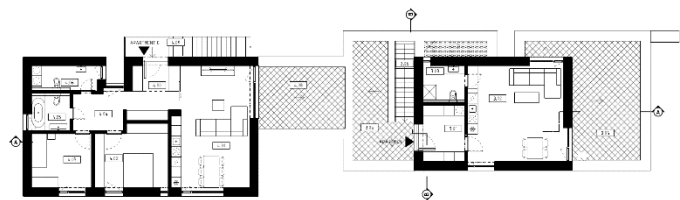
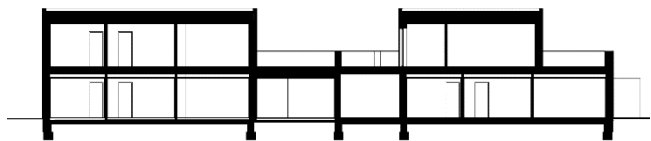
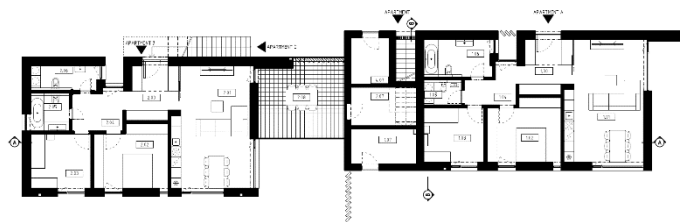
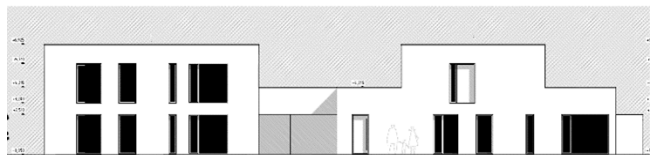
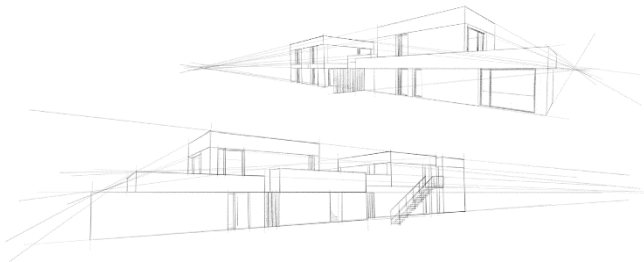


Apartment house, Dunajská Streda



Bc. Tamara Majbová

The aim of this work is to prepare a project for the construction of a residential building. This building is a smaller apartment house with 2 above-ground floors. Each floor has 2-2 apartments, 1 kitchenette apartment and 3 residential units of standard size-category. All apartments have separate entries to the building. Parking is provided in front of the building with direct access to the street. The main supporting elements are reinforced concrete slabs and masonry walls.



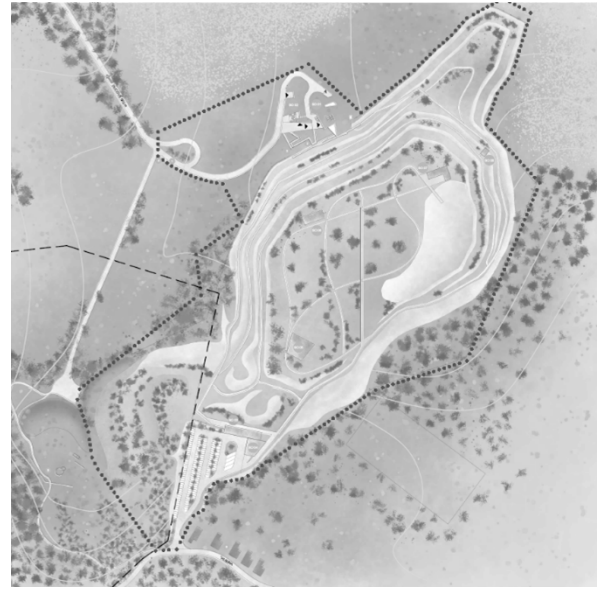
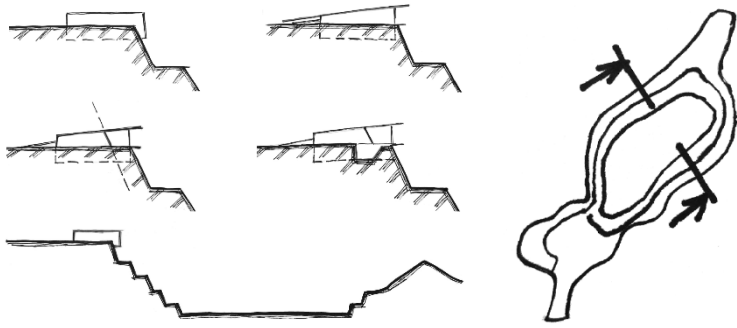
Visitor Centre, Kostolec – Ducové



Bc. Roman Oškrobaný

The aim of the project is the concept of a visitor centre for the adjacent limestone quarry transformed into a botanical garden and the presentation of ways of rehabilitation of damaged natural habitats. The visitor centre is incorporated to the scenery in such a way that it connects the quarry with the nearby archaeological site Kostolec-Ducové, which dates to the Great Moravian Empire. The concept focuses on maintaining the horizon line from the viewpoint of the archaeological site, which is located on the highest spot of the hill above the quarry. The visitor center itself consists of two floors located underground. The entry floor consists of an exposition of Slovak biotopes, a seminar room, and a class for school excursions. Technical and service rooms and a depository are also located here. Underground parking is also located on this level.

On the upper floor, there is a shop providing materials and publications about restoration sites, a restaurant with a terrace above the quarry, administrative offices, rooms for employees, and a supply entrance. The quarry is accessible directly from the lower floor as well as from the central space in front of the visitor centre.



Forest kindergarten, Svätý Jur

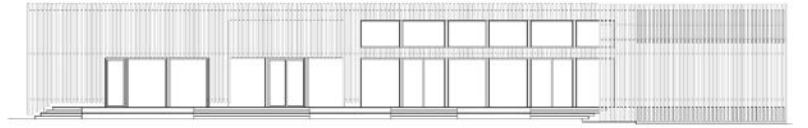
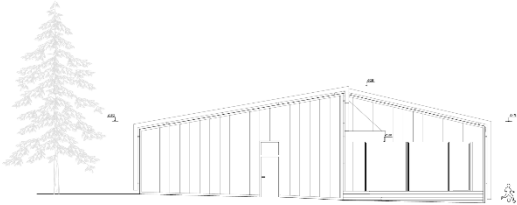
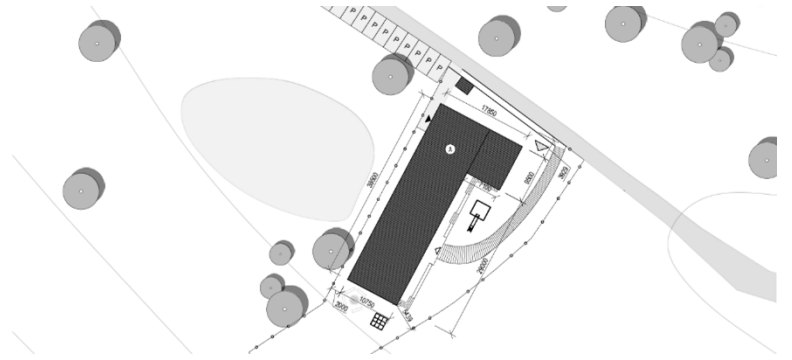
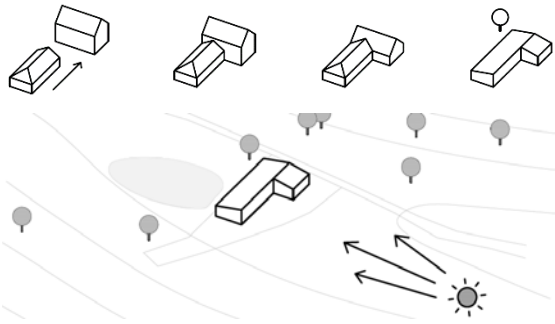


Bc. Oliver Papai

I was in charge of creating an architectural study for a special kind of kindergarten. The project should be located in the town of Svätý Jur, part of Neštich, it is a place on the outskirts where the town meets the forest and thus creates a beautiful scenery. The aim of this project will be to integrate the work on the border between the city's intravilan and the city's out-of-town. Children should be offered a beautiful environment of the Carpathian nature where they will be able to develop freely and draw on the beauty of nature. This is a special kind of education in pre-school facilities.

The object has undergone a gradual development in order to properly integrate into the environment and the materials do not disturb the surrounding flora. When choosing the material, I tried to blend with nature, but also with modern elements and shapes so that the building was pleasant to the eye.

The interior space has been designed with respect to the requirements of individual plants. The main criteria were to link the nursery and the surrounding nature so as to keep the standards and regulations in place.

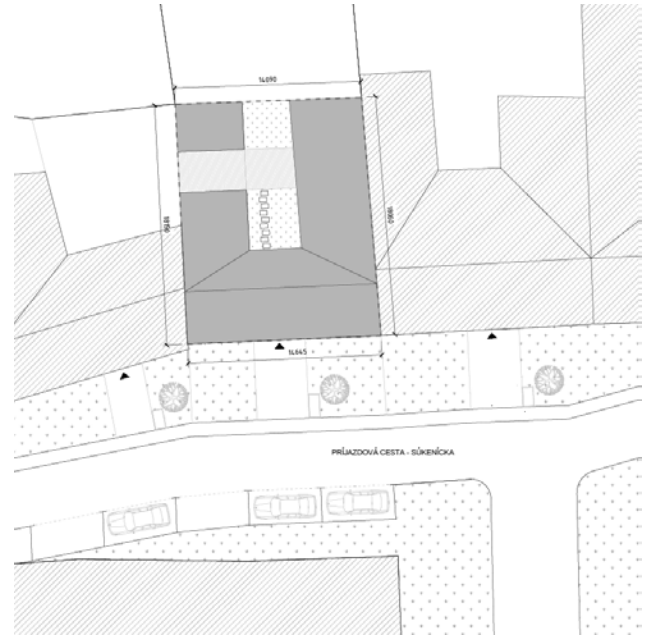
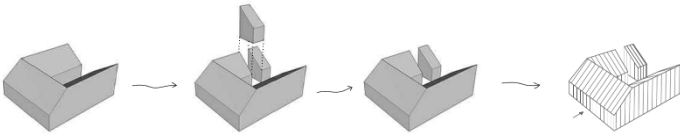
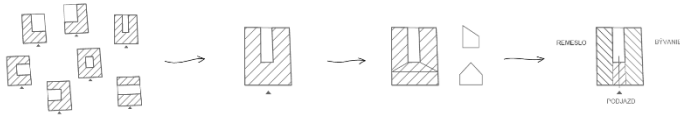
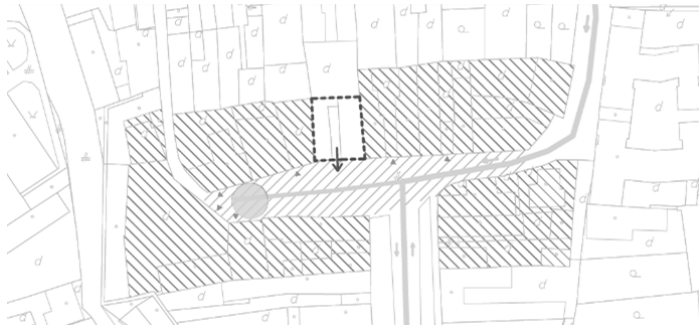


Design of a new building in a vacancy of the historical area, Modra



Bc. Barbora Porkertová

The aim of the project was to design a new building in the vacant lot of the monumentally protected area of the city Modra so that it respects surrounding terraced houses. The new building will have a residential function with the added function of pottery. The choice of additional function is related to the history and traditions of the city. The design of the house is based on the characteristic features of a vineyard house, which is typical for the region. The result of the design is a single-storey brick building with a wooden truss and a residential attic. A free-standing warehouse primarily designed for a pottery workshop is also on the plot. The characteristic passage of the house, which is closed on the street facade by a wooden gate, can be opened to the public for the purpose of presenting pottery at cultural events of the city.



Vacant lot in historical city block, Bratislava

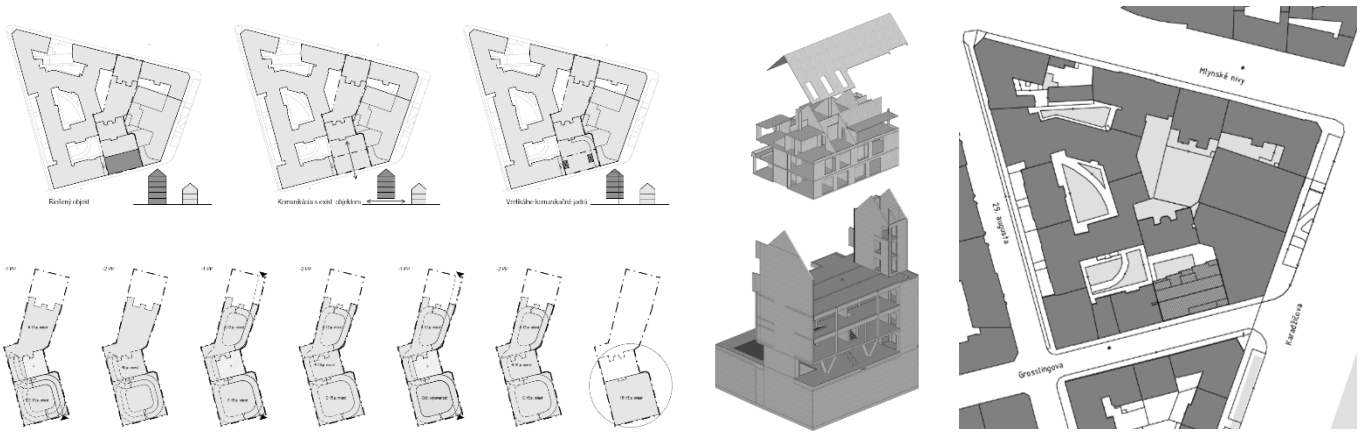


Bc. Peter Romaník

The building is situated in vacant lot close to the central part of Bratislava. The final design, set on four pillars, ensures transparency and connection with valuable historical object, that delimit it from the north. The main acces is provided from the courtyard under the mass.

The project was shaped by an intention to stay in harmony with the neighborhood's scale and density while maximizing space and daylight available to future residents. Different interior volumes create an added spatial value, which led to increased amounts of natural light.

The building program is made up of 10 apartments and wellness area. Two floors underground provide garage space for 19 vehicles. The typical floor houses 3 two-bedrooms and 1 three-bedroom apartments, while the top floor is made up of two duplex apartments.

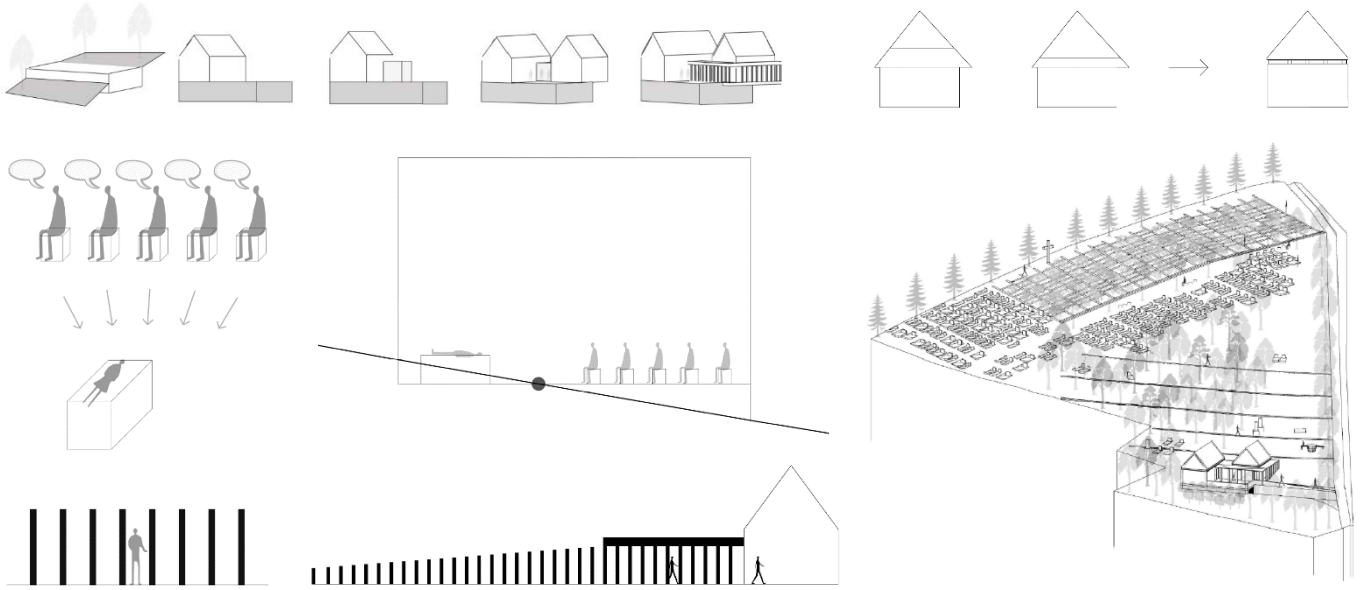


Funeral chapel and cemetery, Orava



Bc. Simona Rosinská

Project deals with a design funeral chapel with cemetery and urn grove in the region of Orava. I chose this area in the village Jasenová in the district Dolný Kubín. The aim of my work was to create a spiritual dimension of the final area and to preserve genius loci of the chosen location in the rural landscape. It was necessary to design the object architecturally and to adapt it to the acclivity, in order to meet disposition and operational solution. Important elements were the placement of materials of the area and the formation of philosophy, also the idea of eco-friendly cemetery.



Natural recreational and relax complex, Bachledova dolina



Bc. Veronika Slížová

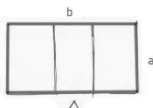
The task of the work was to design an interesting temporary accommodation for tracking the natural scenery in Bachledova dolina with the possibility of contact with nature in ecological and sensitive way. The building is situated in Bachledova dolina, a short distance from the town of Ždiar in northeastern Slovakia. The aim was to design private accommodation for a couple in the heart of nature. The building itself is designed in minimalism, to disturb the original vegetation as little as possible. The project consists of a text part, which contains an accompanying report, a summary technical report, a technical report and appendices. The graphic part consists of the architectural portfolio, the construction part and the poster. Project documentation is prepared on a level for planning permission and the selected part is on a level for project realization.



ZJEDNODUŠENIE LÍNIE



SEDLOVÁ STRECHA
TYPICKÁ PRE DANÚ OBLASŤ



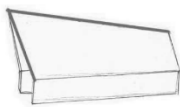
KLASICKÉ ROZDELENIE PÓDORYSU NA
„PREDNÝ“ A „ZADNÝ“ IZBU
POMER STRÁN a:b 1:2



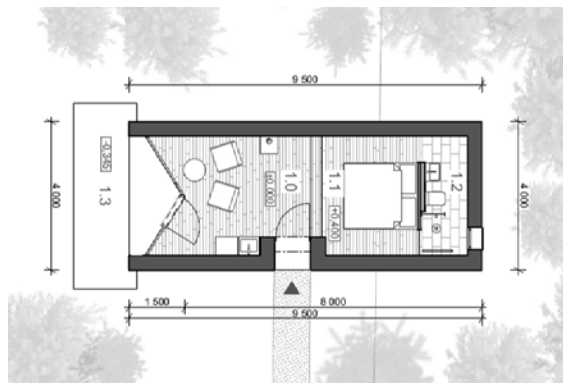
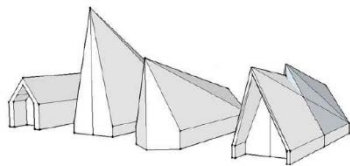
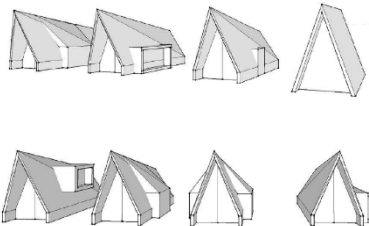
VRCHOL STRECHY PRIPOMÍNAJÚCI
VRCHOLY STROMOV



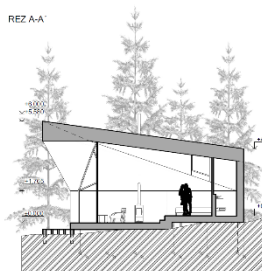
ASYMETRICKÝ SKLON STRECHY



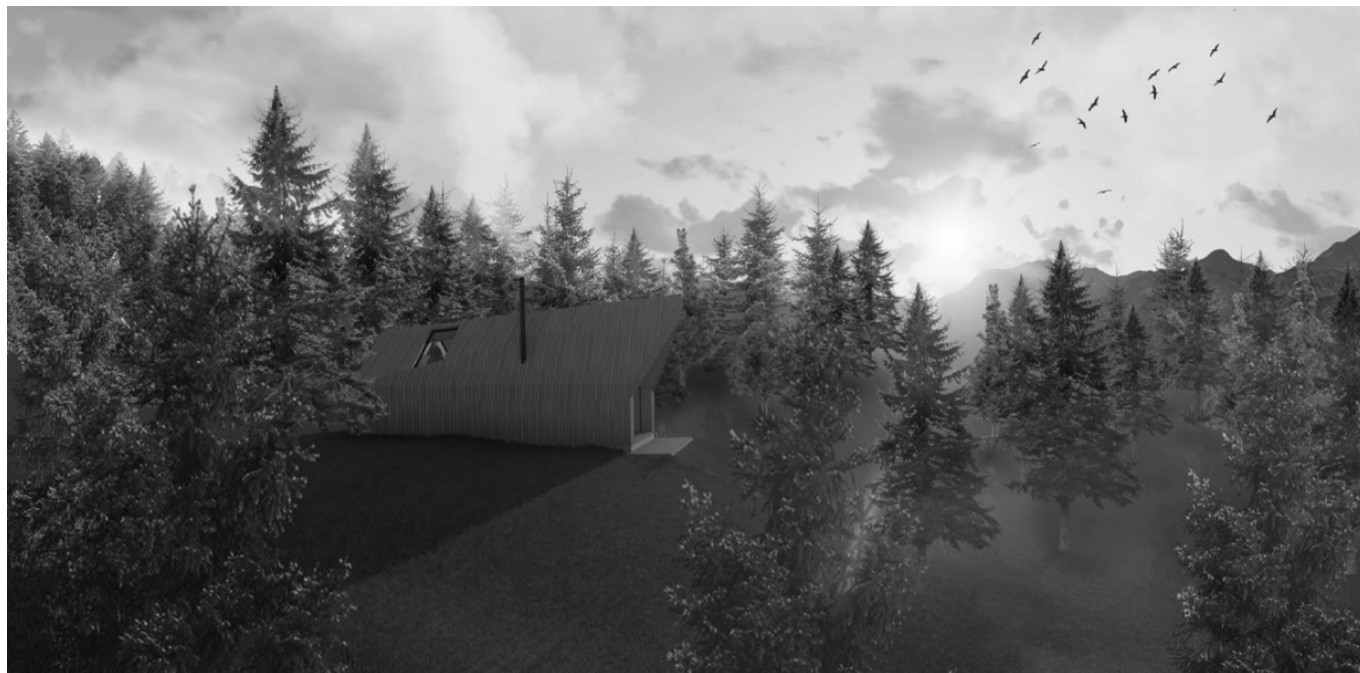
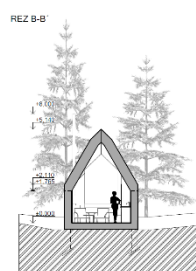
POSUNUTIE VRCHOLA STRECHY DOPREDU
VYTvorenie PRÍSTREŠKY



REZ A-A'



REZ B-B'

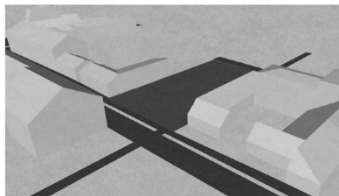
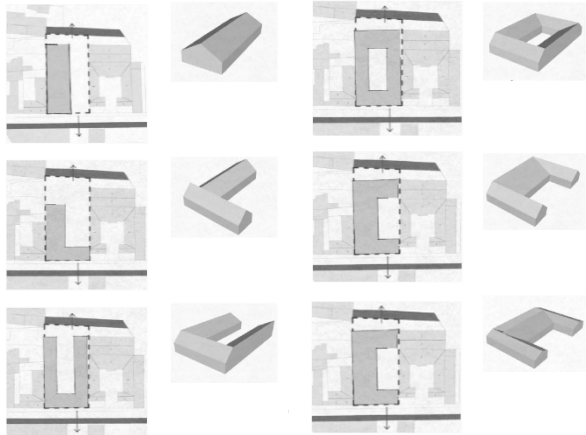


Vacant lot in historical city block, Zlaté Moravce

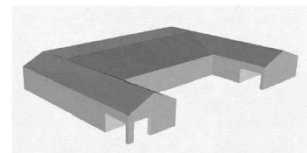


Bc. Michaela Solčianska

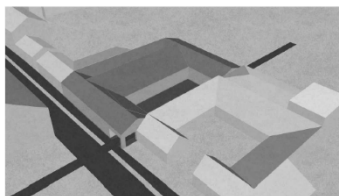
The aim of the work was to design a building in vacant lot in a protected part of the city. This gap is located on Robotnícka Street in Zlaté Moravce. In the design, it was important to take into account the regulations of the zoning plan and the monument zone. The plot has a significant location, due to the perforation of the city. The building is designed as a multifunctional building with the main function of a wine shop. Other functions of the building are administration and business premises. The building is designed as a new architecture, which places great emphasis on the historical principles of the site.



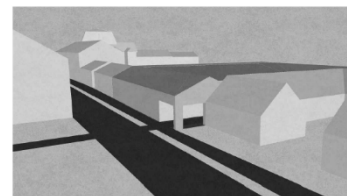
ODVOLE PARCELY



NAVRHOVANÁ MIESTA



OSADENIE MIESTY NA PARCELY



OSADENIE MIESTY NA PARCELY

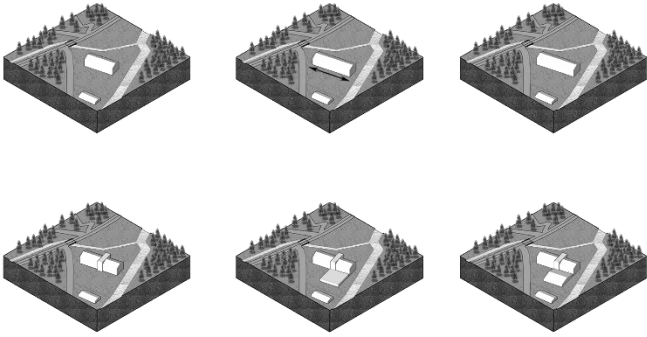


Eco Hotel Tatra, Ždiar



Bc. Martin Ščigulinský

The aim of the project is to design a building of separate hotel, which is going to match the criteria of modern buildings and it is also going to considerate principles of up-to-date eco buildings. Considering the fact that there used to be a building of this type in this area, the project shows the design of architecture connecting modern minimalistic style with elements of original architecture. Here we get a building which determines a new trend and brings a reference of authentic building. This also reflects not in the concept of design, but also in used materials not just in bearing system. We talk about re-usage of original bricks and façade – banisters of balcony, a part of façade lining and non-bearing wood raster on façade. It forms a fusion of modern architecture with reference and respect on history of area. It also meets the principles and requirements on buildings nowadays.



Media Library, Banská Štiavnica



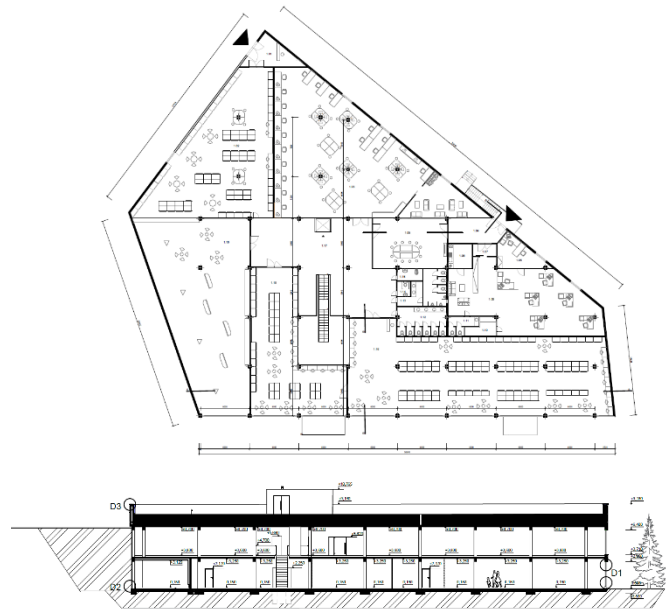
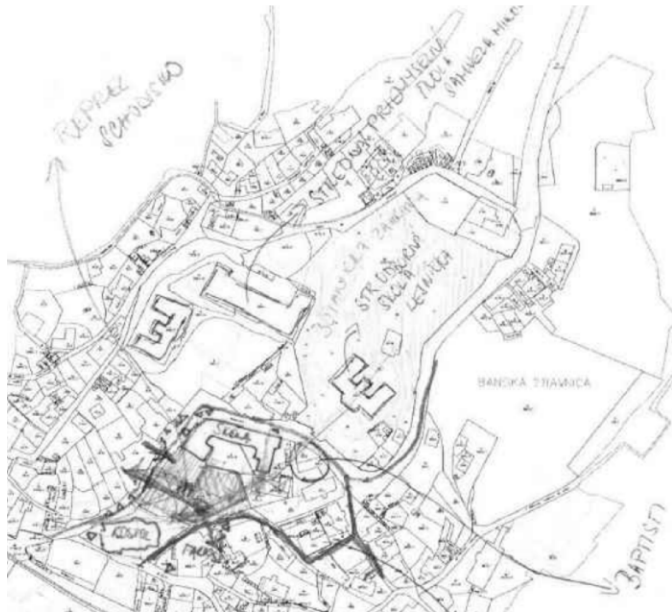
Bc. Juliana Tafernerová

The main goal of my project was design of Media Library in Banská Štiavnica with the open space multimediate centre and department free zone with administration, exposed space and cafeteria.

The philosophy of my proposal was design of empty space between historical school and church. The building of the school is icon of technical education in 17th century in Europe. Close to location of my building are schools areas with botanical garden.

As consider to urban planning design library ground floor has been determined by compositional axes of surrounding buildings. Foundations remains of the Dominican Monastery are situated close to entry to the building. By combining these two aspects, I have created an intention to design a library that is currently absent around these schools and to create a space for the presentation of the heritage monument objects.

The design volume has been solved with respect to the surrounding heritage buildings and joined with them. Designed building has two floors. The roof is joined with garden of contiguous building and create green roof with beautiful view on the dome of church, volcanic landscape, New castle or calvary.



Sightseeing tower, Banka – Zlatý Vrch

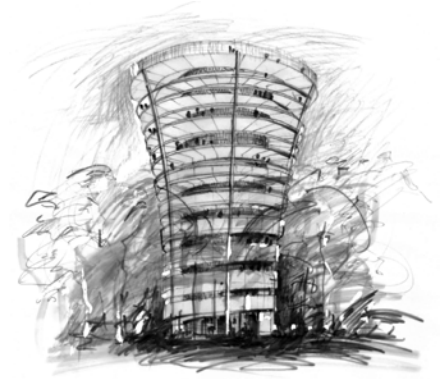
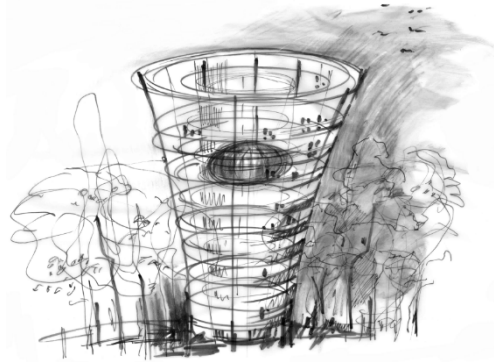
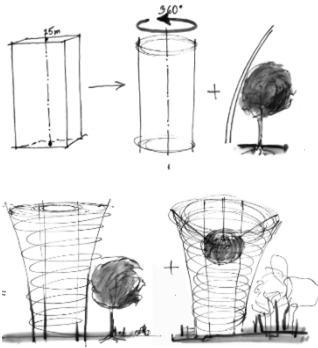


Bc. Jakub Vrábel

The theme of this project is an architectural design of a sight seeing tower. The main task was to develop and architectural study at the teritorial desicion level.

I propose a design of a new building of the sightseeing tower located under the Zlatý vrch near town of Banka. The city od Banka and its surroundings is an engaging enviroment, especially from a gistorical and recreational point of view The aim of the project is to contribute to the culture of this plac and also contribute to the balance between architecture and nature.

The mass of the building, its location and materials that has been used are designed to fit into the enviroment without disturbing it and to highlight the attractive appereance of the region.



Presidential residence, Bratislava

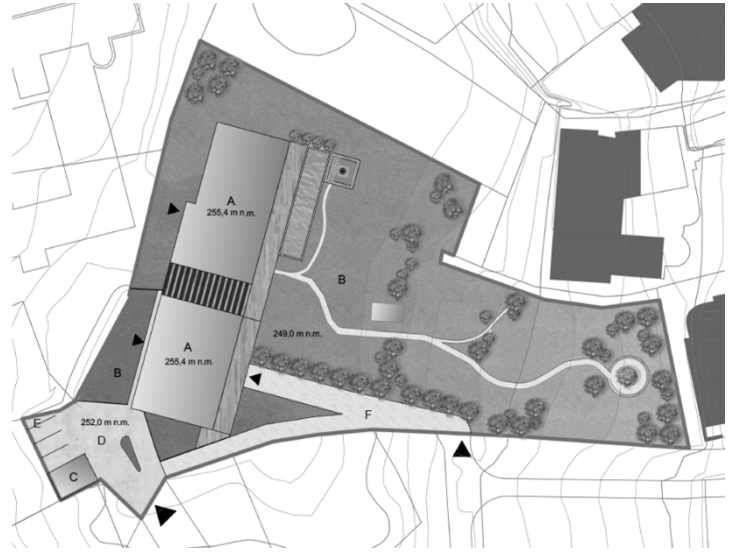
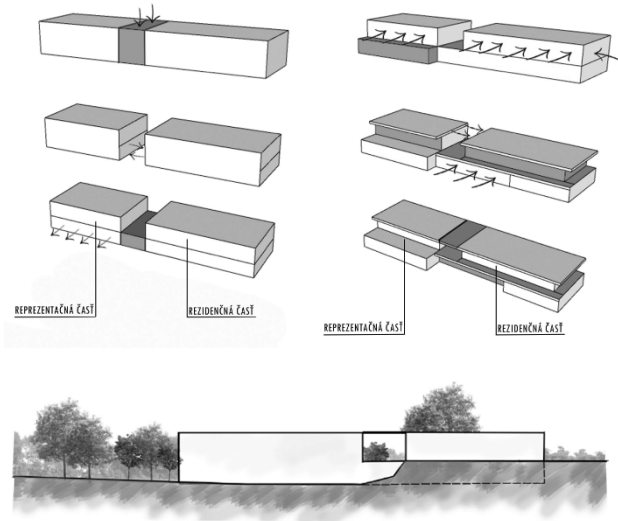


Ing. Nikoleta Bátovská

The aim of the project is to create a presidential residence for the President of the Slovak Republic. The presidential residence's design is a reaction to the assignment and requirements of the announcer of the 25th international competition Xella Slovakia.

The location is in the capital city Bratislava, near to the military monument Slavín and has stunning views of the city Bratislava. The proposal is based on removal of the original presidential residence and the creation of a new functional residential and representative residence. The building will link the function of the President's private housing with the representative place for the President's visits. The new building keeps up the characteristics of the area and near nature. The building strives for non-violent integration into the area, to respect its slope character and also to enrich the place from the functional and aesthetic point of view.

Project is divided into text and graphic part. The text part is a technical report on the design of the presidential residence, which includes the constructional and architectural solutions of the building. The graphic part is processed at the level of documentation needed on planning permission.



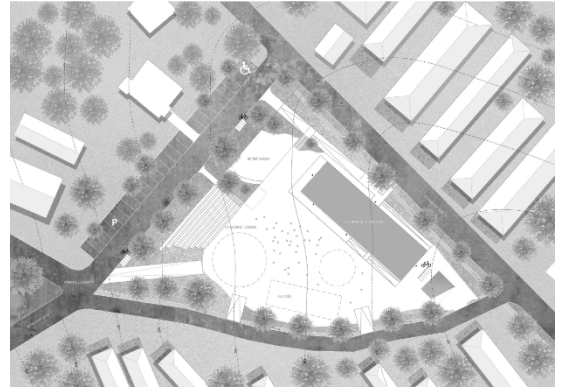
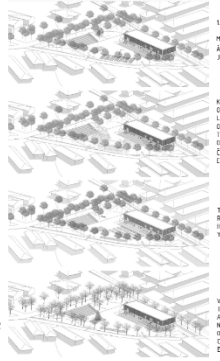
Urban-architectural interventions, Kolíňany



Ing. Sarolta Bezányiová

The aim of my work was to create such urban and architectural interventions in the village of Kolíňany, which would increase the aesthetic and utilitarian qualities of public spaces. By selecting three problematic localities, firstly the central square in the village A, regulations for the new construction area for family houses B and the last area for the support of local tourism and sports C.

The main part of the project was the creation of a new square, which was revitalized in 2003, but does not preserve the character of historic urban areas or the connection to the natural environment. It does not create any background for activities that currently have only temporary facilities here. In my work, I wanted to point out the importance of maintaining the continuity and identity of the community based on the local traditional architecture using new materials that do not appear invasive.



Multicomfort house contest, Paris



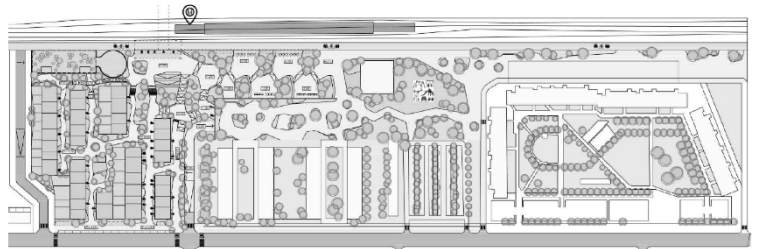
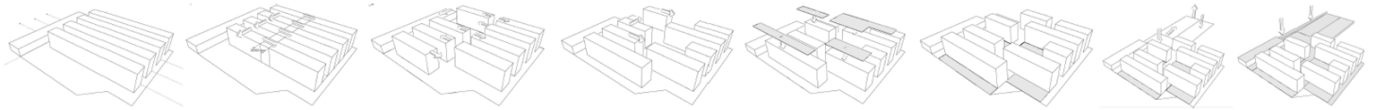
Ing. Lujza Brašková

In this project I will focus on Crescenzago, a residential area lying on the outskirts of the city of Milan. The proposal is based on the requirements of the international competition Isover Saint - Gobain Multi Comfort House Contest 2019.

Firstly, we based the design on the plan of the city of Milan (#milano2030). Its main goal is to bring Milan a status of a metropolitan and globally connected city. It aspires to create an attractive, approachable green city that renews and regenerates itself. In this day and age we walk a lot about the environment and I reflected this by putting emphasis on electricity consumption respecting the residential area requirements.

We mainly related to the urbanistic studies of the territory. My work is significantly influenced by the position of the Milan's Underground system which reflects the population density of the area. The Metro is the main issue of the stated area creating an acoustic discomfort. Unused public areas belonging to the residential buildings are therefore incorporated and used in a way that serves every inhabitant's needs. Rising parking problems are solved by underground parking floors which led to enhancement of space serving the future renters. Parking is also situated on the suggested surface as well as underneath it - connecting the underground garage with a common public area.

The whole building diagonally copies the underground trajectory which increases the noise and creates a need to soundproof the space in order not to limit the people and heighten the quality of living. The near underground station is also a part of the project. It adds value to the quality of the living area but brings a criminality issue as well. Considering this it is necessary to emphasise public lighting. Rental areas will be a part of the public space including playgrounds, street workout facilities and sport fields, open-air cinema, water attractions and greenery. The whole solid proposal comes from the original building in order to establish and join the surrounding architecture. The inspiration behind the project is industrial architectonic areas of Crescenzago complementing the entire given area.



Multicomfort house contest, Paris

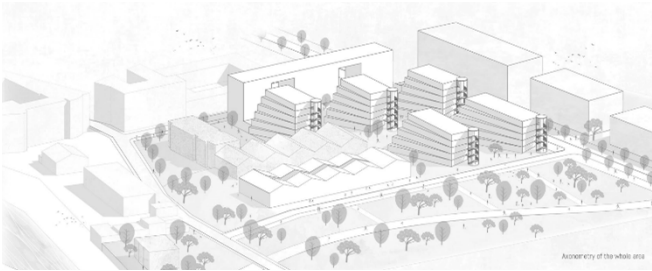
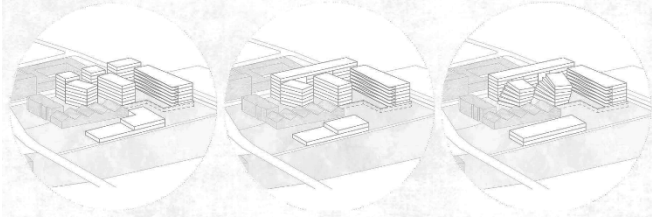


Ing. Brigitta Döményová

The project deals with the assignment of the competition Multicomfort contest 2020 Saint-Denis, Paris, France, which this year focuses on the design of rental apartment buildings, school with kindergarten and the revitalization of the area together with existing buildings on the plot.

After processing all the necessary analyzes and studying the documents with the requirements, I designed a complex of apartment buildings, a school connected with a kindergarten, a leisure center and a café with a gallery. For the requirements of the competition, I processed the apartment buildings and the school building with a kindergarten in detail, I incorporated other objects into the zoning plan of the zone. In my work, I take a closer look at the building of a school with a kindergarten, which I process at the level of the study according to the assignment of the project.

The work approaches thinking and philosophy behind the design of the object. In fact, the building is quite simple, strongly referring to the previous architecture of the area. This approach seemed to me to be one of the most humble, and since I did not want to overshadow the historic buildings by designing a new building, I decided to stick to this philosophy. Ultimately, I think that a proposal has been created that takes into account all the requirements and at the same time creates an architecture for the territory, which can be further developed in the future.

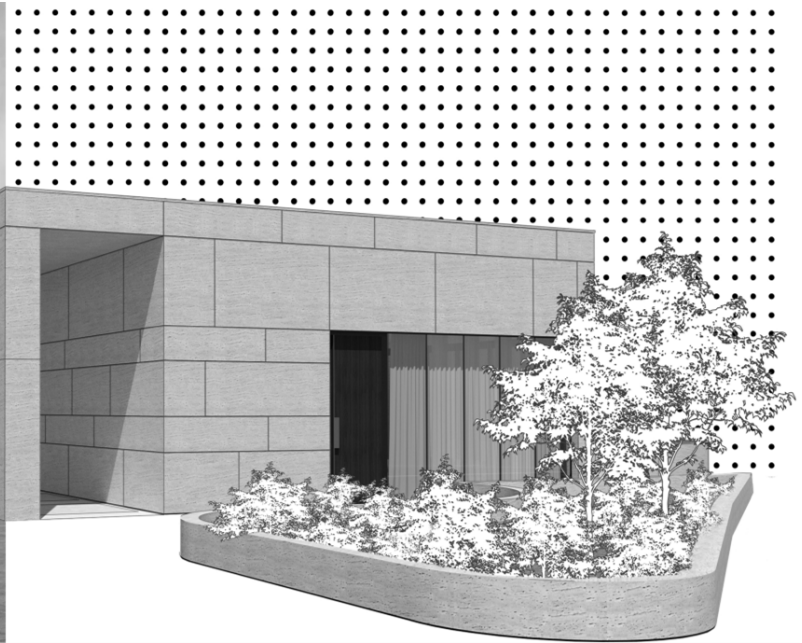
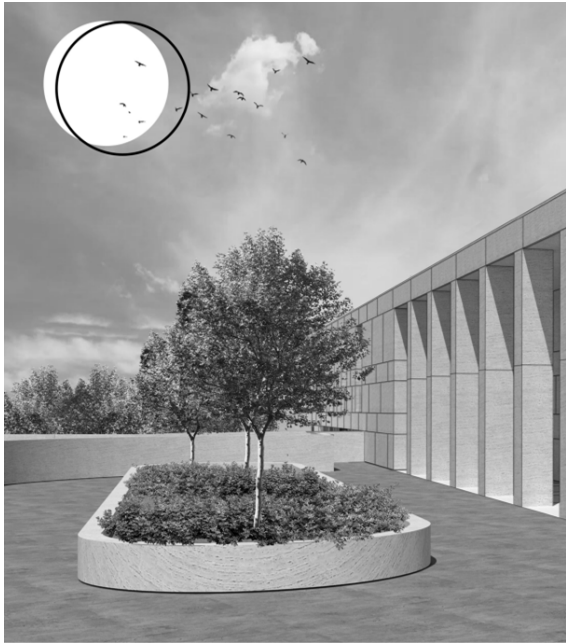
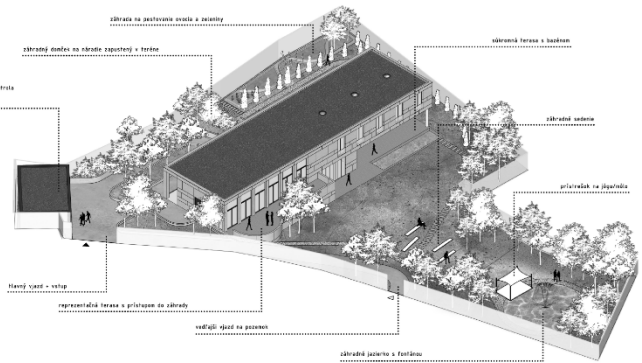
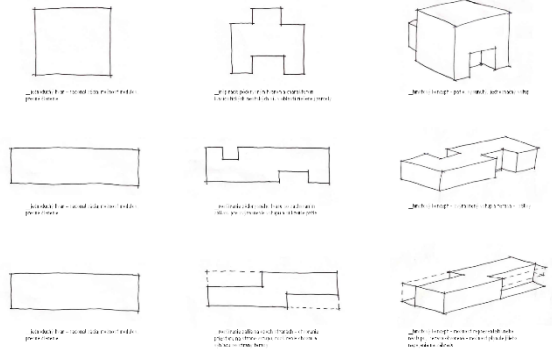
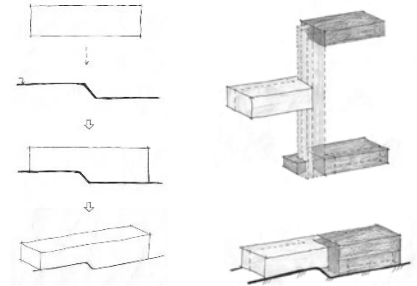
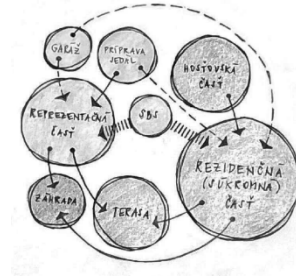


Residence of president SR, Bratislava



Ing. Dominika Fábryová

The main goal of my project was to design a residence for president of SR on the original plot designated for this function in the Bratislava city district of Slavín, noting to the fact that the president is also a resident - on his privacy, needs, position and comfort. It was also important to keep harmony in terms of the characteristic bipolarity - between luxury and moderate superiority, privacy and representativeness or purposefulness and aesthetics, all with an emphasis on the effective use of the land and its advantageous orientation with the views it offers. When designing, I also placed emphasis on adhering to typological principles, functional and comfortable operation and the aesthetic expression of the building. I prepared the design in accordance with the assignment of the competition Xella - P/RESIDENTIAL RESIDENCE.



Multicomfort house, Social housing, Paris



Ing. Jakub Hanzl

The aim of the work was the architectural competition MULTICOMFORT HOUSE, the assignment of which was the former industrial zone in the Saint-Denis area of Paris. The assignment focuses on the area between the branched railway line from the east and the river Seinna from the west. There are currently several buildings on the plot, for which it was necessary to make a architectural opinion. The assignment requires the construction of an apartment building on a plot of land with an area of 30,000 m² as a social housing with a range of 250 - 300 housing units and associated and necessary space, together with underground parking. Furthermore, the assignment requires the construction of a kindergarten and primary school educational facility for a given catchment area.

The project deals with the design of an apartment building and its integration into the territory. The building is not only an apartment building, it is a building which, with its position and its surroundings, brings, in addition to housing, various spaces for the community such as sports fields, playgrounds, meeting and gathering spaces, but the main point is the fusion of the building with nature and terrain.

The design is a form of experimentation with the philosophy of a natural element near the flowing river Seinny and is inspired by several characteristic experiments in architecture and urbanism.

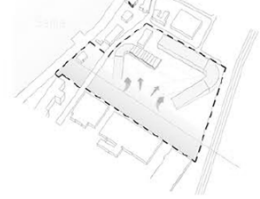
The architectural solution of the building consists in the creation of a heterogeneous mass with the idea of a long residential house with the use of the shape of a work. It combines the principles of industrial building construction, together with modern construction technologies, with modern technical equipment and, above all, with sustainability and energy efficiency.

The result of the design is a habitat with strong individualism and a heterogeneous structure embedded in the "flowing" surrounding terrain. The result is the application of the acquired knowledge and experience during the study with the presentation of the understanding of architecture, personal vision for the future and oneself as a personality.

PRVOTNÉ OBJEMY HMŔT NAVRHOVANÝCH OBJEKTOV



KLEBANIE HMŔT- VZŤAH OBJEKTOV SO ZELEŇOU/TERÉNOM



FILIZOFIA KONCEPTU - MEÁRDER SENNY V CENTRE PARÍŽA



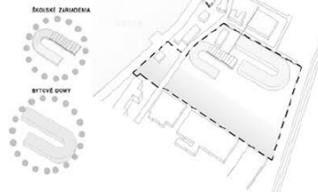
PRÍKLADY ÚČELŔ DOMŔ ROZDELENIE NA DVA VEJMOVÉ PRŔPŔSPOBENIE TRÁSU MEANDROV



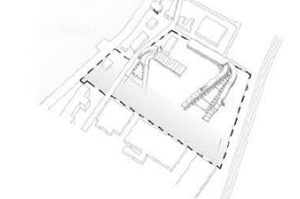
ROZTVORENIE HMŔT- PRŔSTUPNŔSŤ PRE VEREJNŔSŤ



UPRAVENÉ TVARY OBJEMOV HMŔT NAVRĤ. OBJEKTOV



ROZDELENIE HMŔT

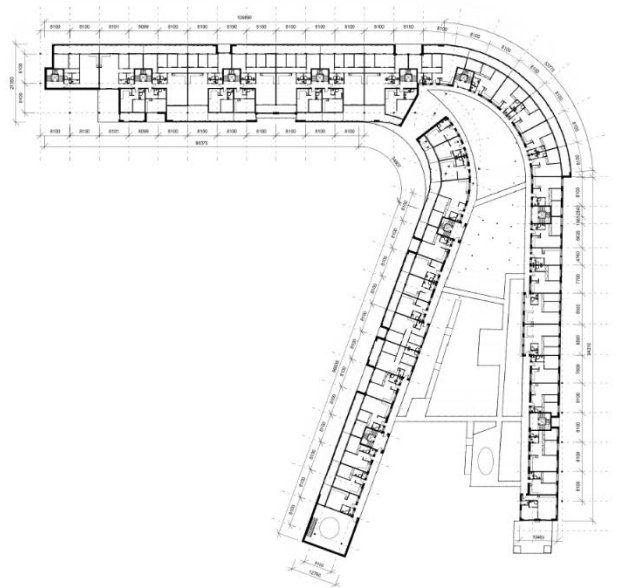
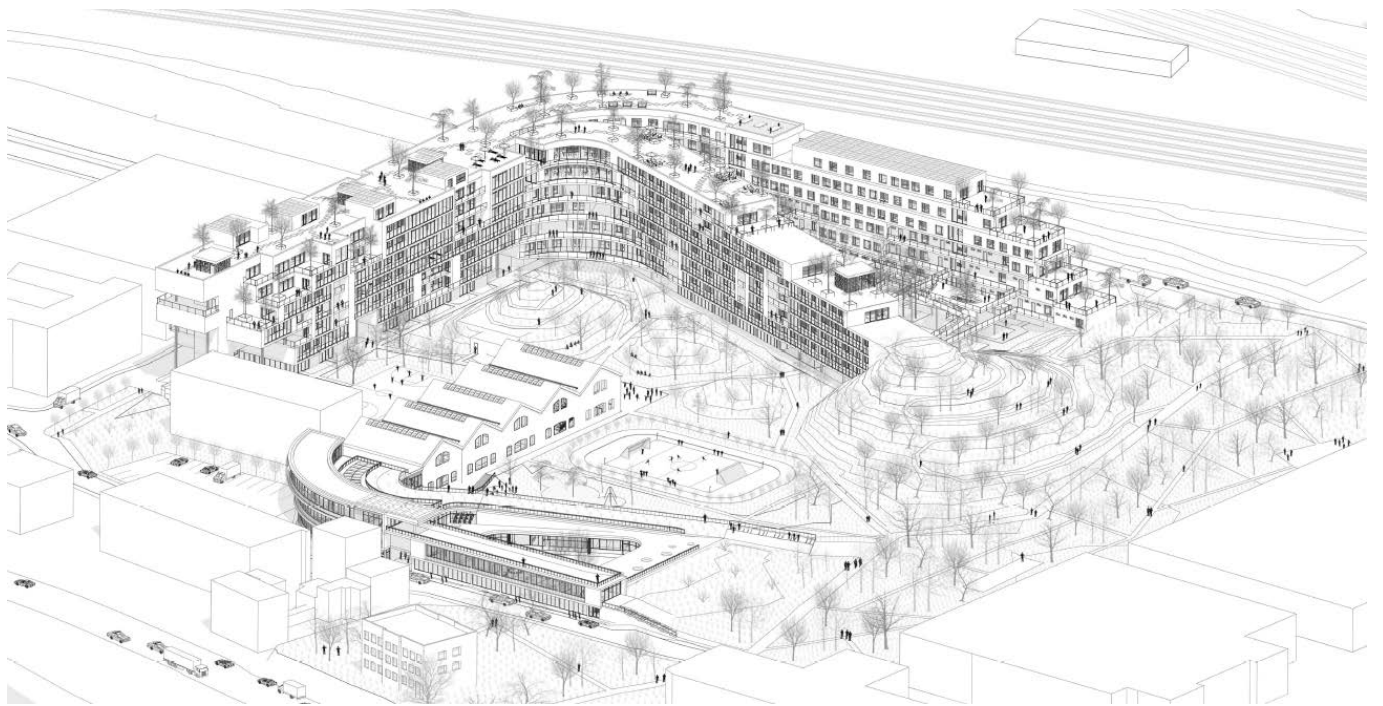


KLEBANIE HMŔT- VZŤAH OBJEKTOV SO ZELEŇOU/TERÉNOM



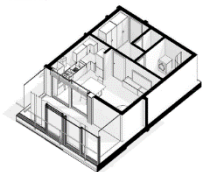
VLOĤENIE TOPOGRAFICKÝCH PRVKŔV- EPOJENIE TERÉNU Ĥ POBYTOVÝM STRECHAM S PRÍEHADMI



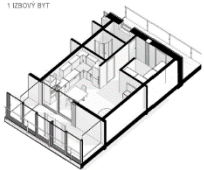




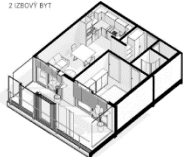
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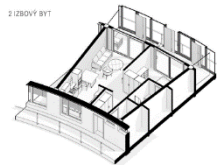
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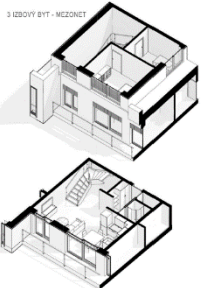
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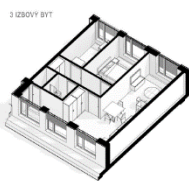
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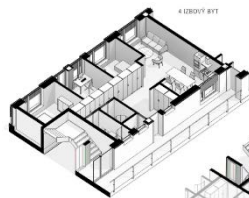
3 IZBOVÝ BYT - MEZONET



3 IZBOVÝ BYT



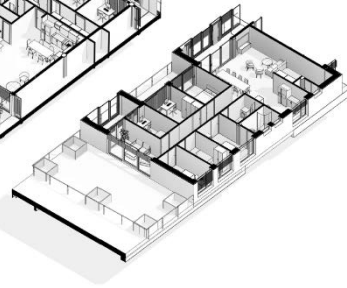
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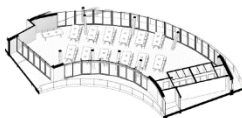
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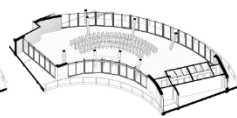
7 IZBOVÝ BYT



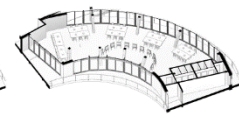
INTERIEROVÉ KOMUNITNÉ PRIESTORY
PREDNÁŠKY



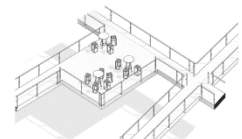
BESEDY



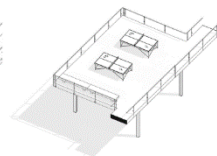
WORKSHOPY



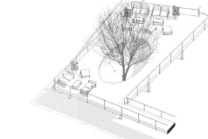
EXTERIEROVÉ KOMUNITNÉ PRIESTORY
SOCIALIZÁCIA



AKTIVITA



RELAX



Multicomfort house, Social housing, Paris

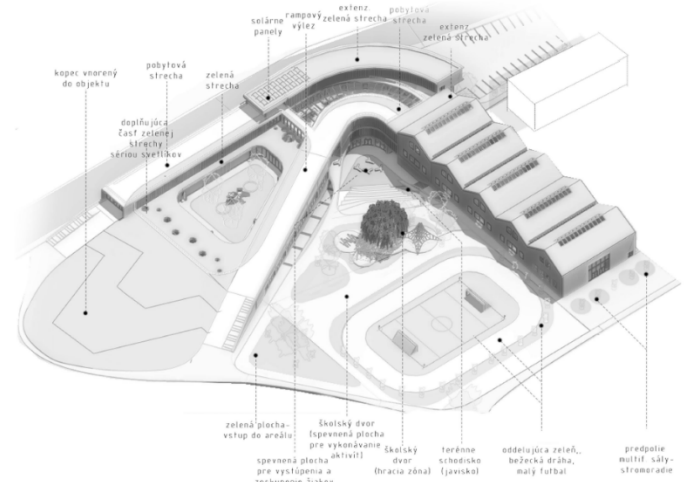
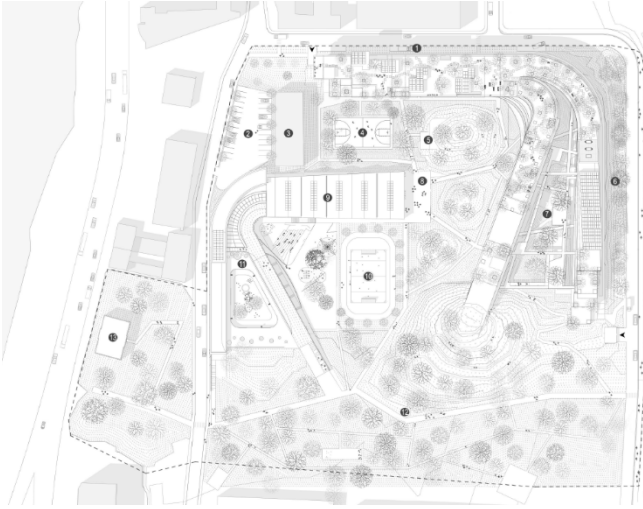


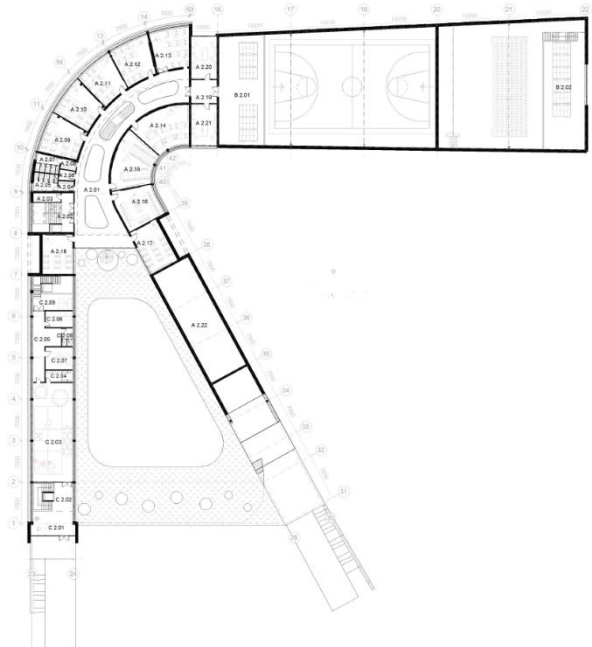
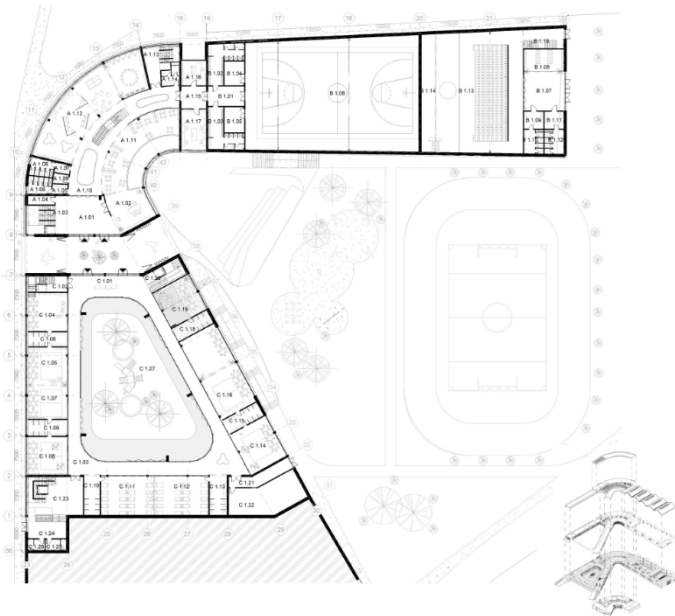
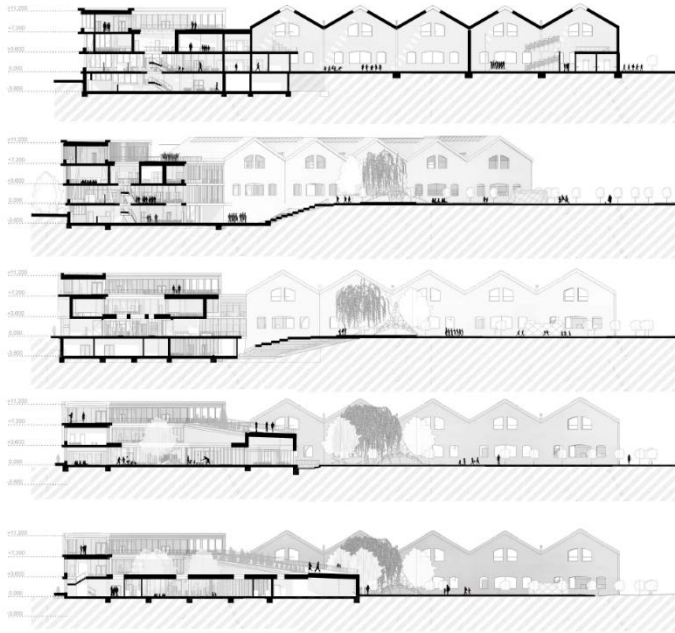
Ing. Denis Pakši

This project contains an elaborated part of the competition assignment Multicomfort house, Saint Denis. The competition was to transform the plot of one of the largest former industrial zones in Europe into a residential green area with recreational, residential and educational character, which respects the traces of the historical heritage and the need for sustainable development of the modern neighborhood. A new educational facility is required for the area in the form of a primary school and a kindergarten. Another part of the assignment was the design of social housing with 250-300 residential units with underground parking.

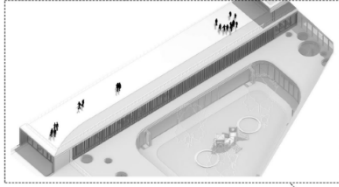
The aim of the project was the urban-architectural design of a school facility with ten classes and a nursery with eight classes. The renewed existing building, together with the new mass and height differences of the terrain, creates a complex cultural and educational facility, the essence of which is the fusion of the building with the surrounding nature. The area is complemented by outdoor activities and residential public spaces surrounded by greenery.

An important part of the work is the urban concept, conceived in the form of an experiment, the main goal of which is the idea of creating materials according to the meander shape of the river Seine in central Paris, with reference to the history of the area and logical location on the land.

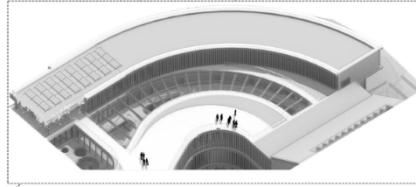




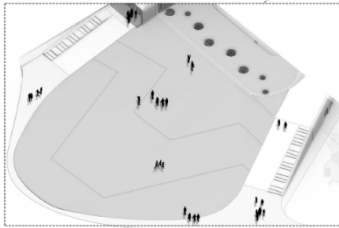
1. pobytová strecha s výhľadom na rieku, Spišiu a park



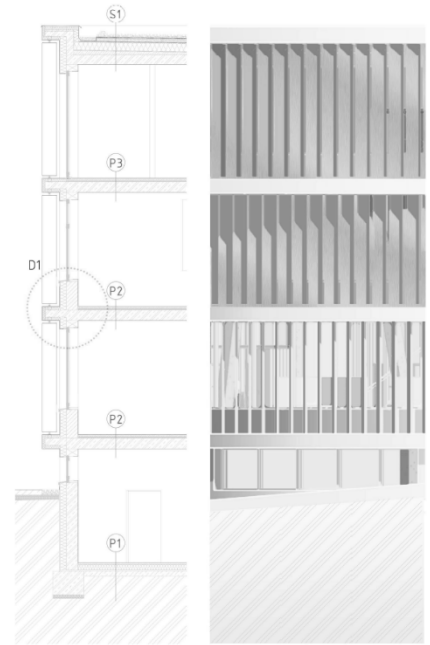
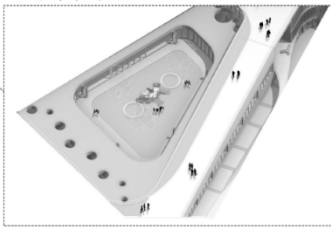
1. zelená strecha a pobytová strecha s výhľadom do dvora



3. kopec vnorený do objektu



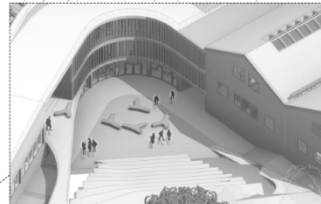
4. rampový výstup na strechu



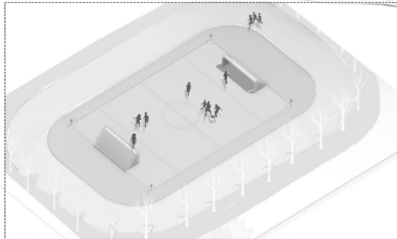
1. školský dvor s hracou časťou a plochou pre aktivity



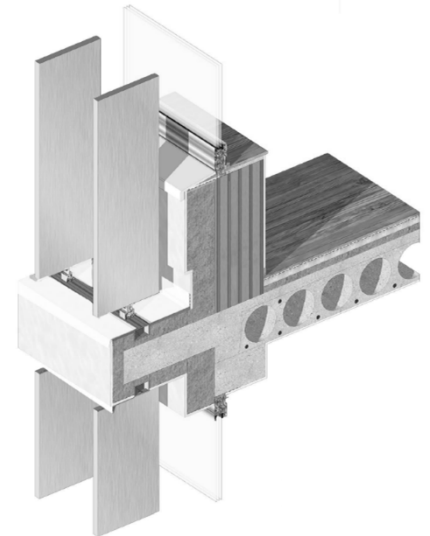
2. pobytový priestor pre vystúpenia a aktivity



3. futbalové ihrisko s bežeckou dráhou a zeleňou



4. stretávací priestor pred multifunkčnou sálou



New multifunctional residential zone, Púchov



Ing. Ivana Jancíková

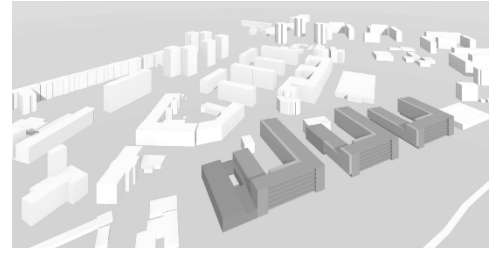
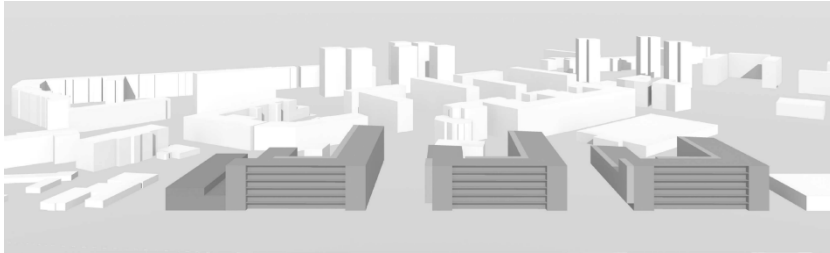
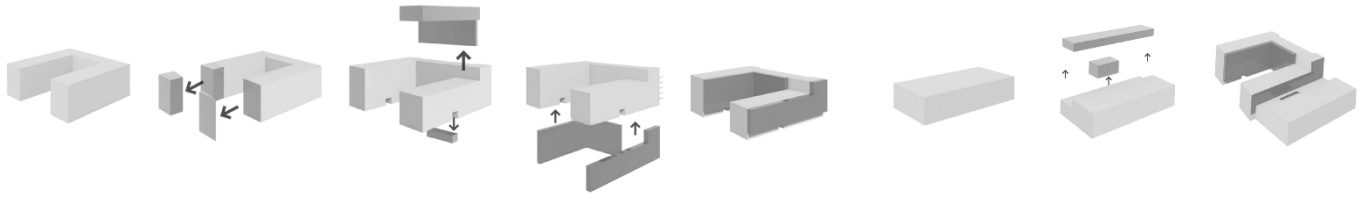
The task of the project is to create a new residential zone with multifunctionality in an attractive position in the town of Púchov. At present, it is an area with a storage or production function with great potential in expanding the residential capacity of the city center. The proposal contains a pleasant living environment with created semi-public spaces of the inhabitants. The housing function is complemented by rental spaces for civic amenities and spaces for educational, hobby and recreational activities of children and youth.

At the beginning of the work, I analyzed the area in terms of broader relations, functions, transport and surrounding buildings, on which the proposal itself was based. The proposal makes extensive use of the potential of the territory's location, road and pedestrian connections, and orientation. The new zone contains three apartment buildings with the maximum used area intended for housing, while offering residents high comfort and quality of housing. These are mostly U-shaped buildings with different building heights within one building.

The advantageous shape creates a semi-public space for each object. Part of the ground floor in individual apartment buildings with a direct connection to the neighboring housing estate is reserved for rental civic amenities. Due to the retention of the current buildings with a residential function, one of the buildings of the apartment building is connected to the building of the accommodation part of the hotel, where space is created to increase its capacity.

Typical urban functions are complemented by a leisure center building located in an exposed area of the zone. It offers spacious spaces for leisure activities for children and young people, also adapted for disabled children. Combining the masses of objects with different functions is the idea of compacting the structure.

Due to the change in the functional content of the area, the intention is to create objects of an open system with the potential for possible future transformation.



Winery, Rybník



Ing. Eva Káčerová

The project is architectural design for the object of winery. I visited several wineries, where I gained valuable information about the running and technology of wine production, which I used to design.

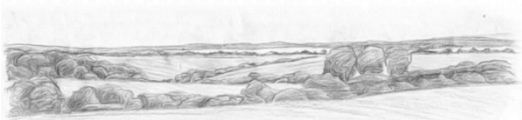
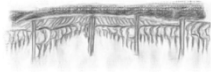
The topic is Winery in the village Rybník, situated on a sloping plot with planting of a vineyard. The intention was to create a moderate concept, respecting the traditional architecture of the region and the natural environment into which it enters.

The priority function of the winery is the processing of grapes and the production of wines with their storage, situated in the underground floors. Additional functions such as accommodation and catering, a wine shop, but especially multifunctional tasting rooms, located on the upper floor, which together with the terraces provide a view of the vineyards and the surrounding countryside, are also proposed for the public.

Visitors can go on a tour of the vineyard on a sightseeing trail, but also on a tour of the production in the underground floors, with a tasting in the lounge on the lowest floor, which was the subject of part of the interior. Part of the design is the modification of the surroundings, with planting greenery.



POHLED NA POZEMEK



VÝHLAD - VÝCHOD (z napříčného úhluje budovky)



VÝHLAD - JZM (z napříčného úhluje budovky)

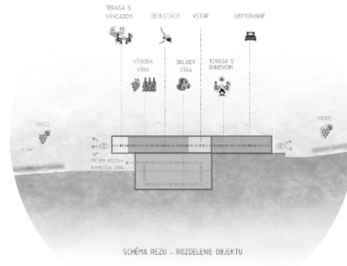
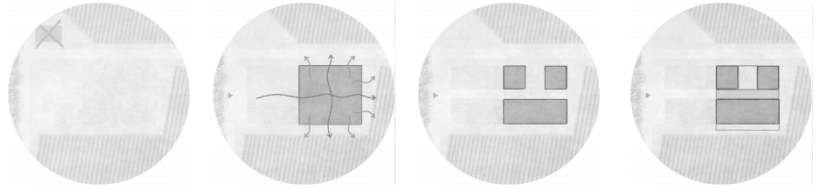


SCHÉMA REZU - ROZDĚLENÍ OBJEKTU

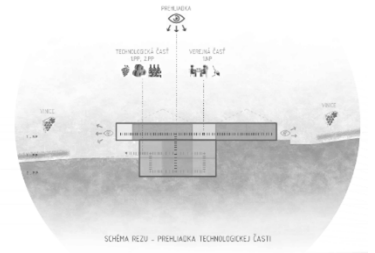


SCHÉMA REZU - PŘEHLEDNÁ TECHNICKÁ ČÁST



Revitalization and completion of the area Faculty hospital, Bratislava

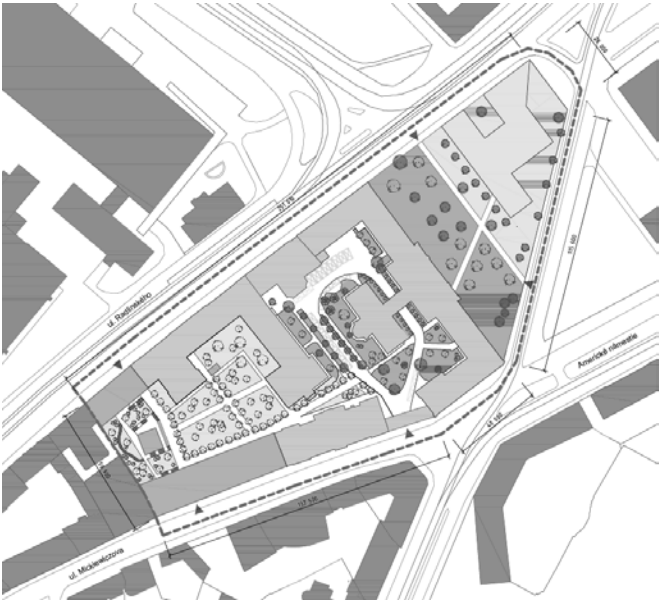


Ing. Róbert Kevély

The aim of my project is an architectural study of the building on the site of the original buildings, which I proposed to renovate, based on a study of the zone. The solved object is located in the premises of the University Hospital Bratislava in the Old Town.

Together with the building, the aim is to solve the courtyard and the overall urban concept of the respective surroundings of the solved building with respect to the surrounding historically valuable buildings and the existing greenery. The solved area will undergo a transformation of the current functional use and will bring the buildings closer to the current needs of the Old Town and the inhabitants. The new building brings to the solved area the function of long-term and short-term housing supplemented by multifunctional operations providing trade and services. The original buildings will serve the preserved, reduced part of the hospital, which will provide medical services to the residents.

After the revitalization, the courtyard will open its gates not only to new residents, hospital clients but also to other residents, and at the same time create a new connecting corridor between Mickiewiczová and Radlinského streets.



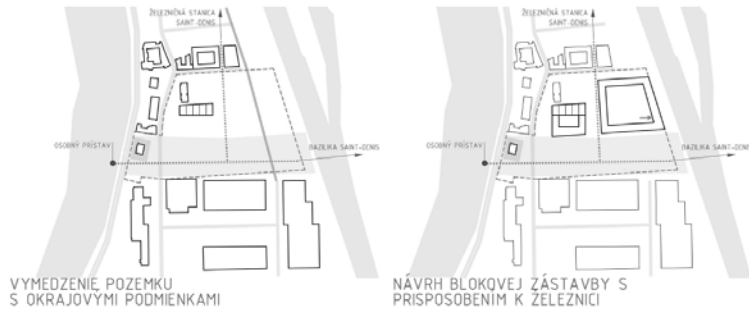
Multicomfort house, Paris



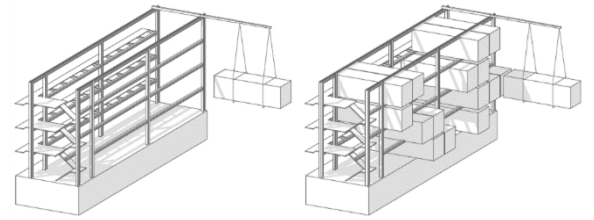
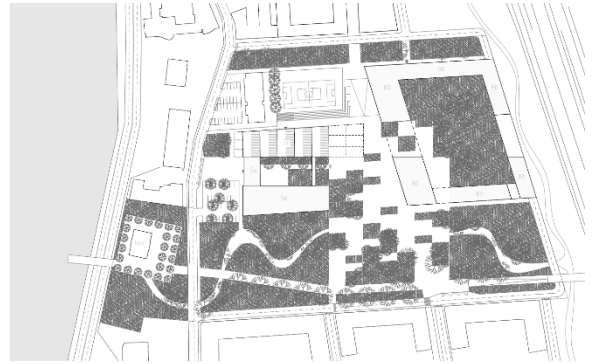
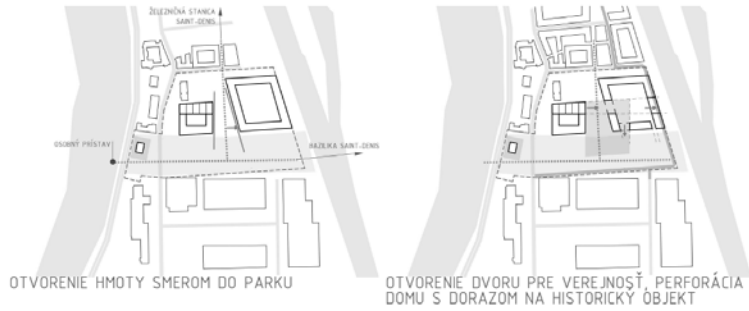
Ing. Matúš Králik

The subject of this work was to design a residential complex with equipment on the territory of the defunct industrial park in Saint Denis, which is located on the northern outskirts of Paris. The assignment is based on the conditions of the international competition Multicomfort house Contest 2020. The aim of this competition is to create a sustainable complex in the transformation area of the original industrial zone, which will serve the needs of the Olympic Village and subsequently can respond flexibly to changing demographics or urbanization or deurbanization of the site. For such requirements, I was inspired by the idea of Metabolism as an architectural direction of modern architecture.

The idea is one reversible construction, in which housing cells are inserted with the possibility of transformation, interconnection or complete exchange. A part of the residential complex is also a school building connected to the kindergarten and a leisure center, belonging to the whole locality. This building also uses the historic building of the only preserved industrial warehouse in Saint Denis. These two buildings create an urban block structure in urban planning with a floor plan typical of industrial development, which connects the existing industrial development on the southern edge with the residential area on the northern edge of the plot.



NÁVRH BLOKOVEJ ZÁSTAVBY S
PRISPOBENÍM K ŽELEZNICI



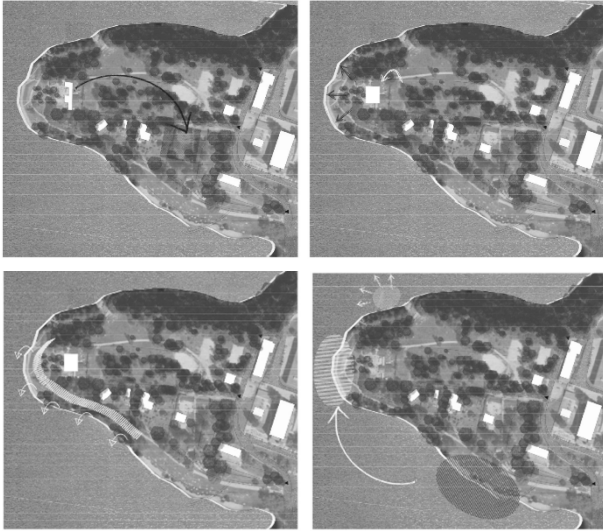
Sun spa, Jablonec nad Nisou



Ing. Veronika Lukáčová

The aim of the project was to design the revitalization of the recreational area of the Mšeno reservoir Sun of spa, which is located in Jablonec nad Nisou in the Czech Republic. Mšeno dam and its surroundings is one of the most valuable public spaces in Jablonec. It is a very attractive environment, as the banks of the dam as well as the beaches are in the immediate vicinity of residential areas of the city. The unattractiveness of the local public infrastructure such as toilets, changing cabins, gastronomic facilities and the overall visual appearance of the current state reduce the value of the area and represent the unwon potential of the area. The aim of the design was the architectural and landscape solution of the recreational area and a possible proposal of new, more attractive buildings.

The main architectural and landscape solution is the tracing of the area using wooden lathed sidewalks, which extend to the water level in the form of pontoons. The adventure trail is designed to be an attraction for visitors and at the same time to connect the solved places in the areas. The route can take you to the lookout pier, cascading beach, lookout tower, volleyball and football beach courts to the proposed objects such as the beach buffet, panoramic restaurant and holiday cottages. All objects as well as the route design are designed by a unified architecture and act as one whole. To preserve the natural character, the main dominant material in the design was wood. The created attractions and the overall architectural solution of the area represents an attraction for visitors and the greatest experience when staying in nature.



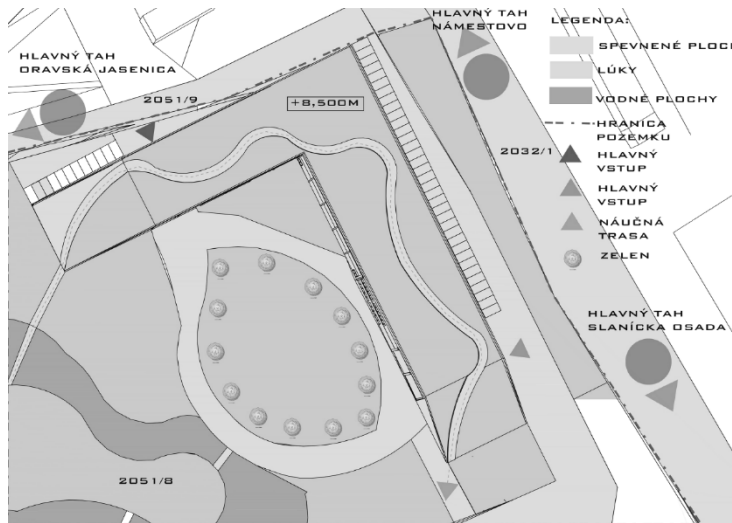
Ethnographic Museum, Námestovo



Ing. Michal Marták

The aim of this project was to create a concept of solution and operation, in the locality of Námestovo, so that it meets the requirements and criteria for the construction of a modern ethnographic museum. I placed great emphasis on the psychological influence of architecture and construction elements, which takes into account the exhibition of many works of art.

The building consists of two floors. On the first floor there is an entrance hall, souvenir shops, lecture halls and hotel entrance, study room connected to the library, large multifunctional hall, used for exhibitions and openings or other social events. In the southern part of the first floor there are administrative rooms for restaurant and registration works of art from the rich Slovak history. Within the plot there is a bio-park with many rare plants and animals, which is accessible both by footbridges and by boat. On the second floor we can visit a permanent exhibition with an open floor plan, which is connected to the cafe room connected to the first floor. In the next part of the second floor there is the upper part of the multifunctional hall used mainly for exhibitions, the southern part of the second floor is reserved for the depository of rare works of art which is sufficiently protected from groundwater and last but not least the office of the museum director and office for employees. The roof is designed as an extensive green roof and is connected to the surrounding nature by ramps and sidewalks, which creates the impression as if the whole building was lost in the surrounding area of the beautiful Orava nature.



CHARAKTERISTICKÝ REZ



POHLAD SEVERNÝ



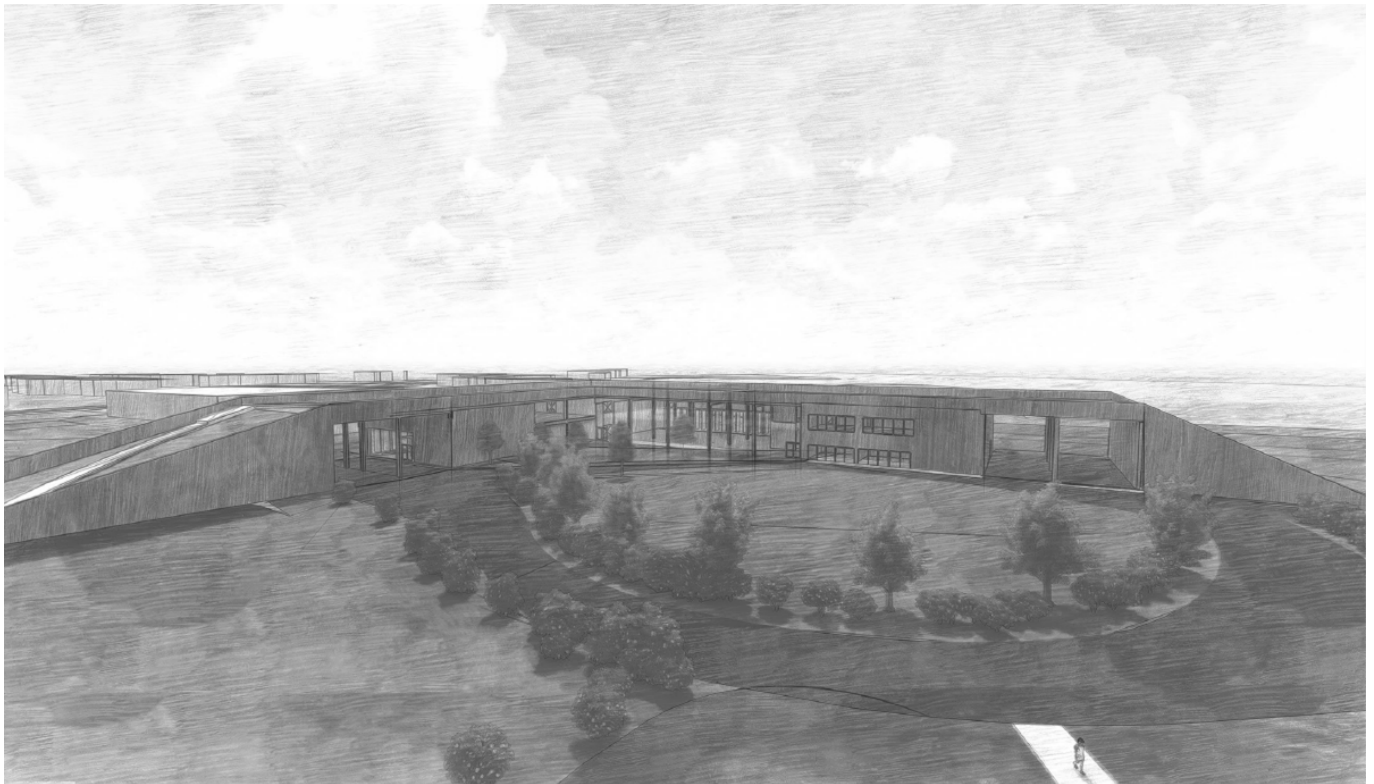
POHLAD JUŽNÝ



ZÁPADNÝ POHLAD



VÝCHODNÝ POHLAD



Residence of the President of Slovak Republic, Bratislava

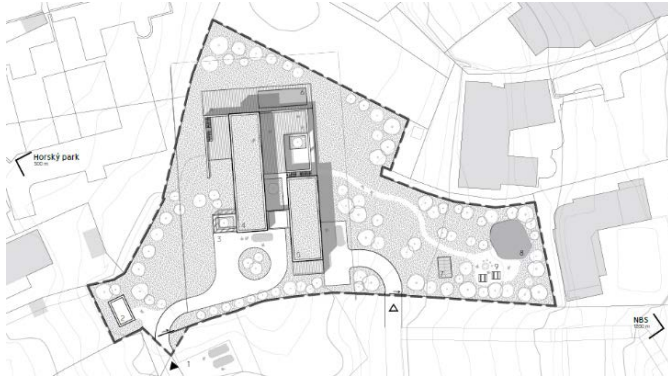
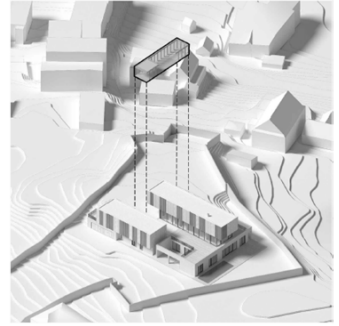
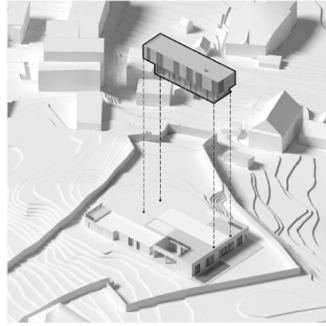
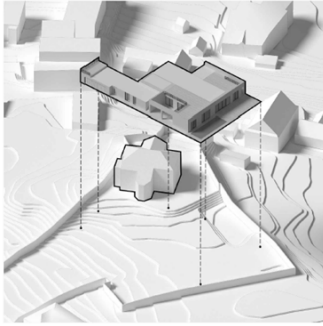


Ing. Matej Mičiak

In this project, I elaborated proposal regarding the extraordinary property, which in fact, should be a residential home for the President of the Slovak Republic. The design process was based upon the assignment and documents of the international competition called Xella. The aim of this work is to provide an answer to the following question - How a presidential residence should look like, and whether the current form of the building with the plot, which is not currently in use, is a proper place for the head of the state. Part of the concept underlies the method to develop and innovate the plot, the location of the building or entities of residential buildings on the land, and its logical division among a public-representative part, and a private part. It was necessary to deal with the landscaping of exterior areas in order to design a quality-based residential property with the highest possible standards. However, the design had to comply with the latest trends, safety regulations, principles of barrier-free design and low-energy and environmental concepts in the process of the construction and operation.

The plot is located at Pažického Street below Slavín, situated on the highest and dominant place above the center of Bratislava with the area of almost 4,300 square meters. The plot provides unique views of the surroundings of the capital city. The plot also includes the original building from the 1930s, which was rebuilt into its current form. The building has no significant constructional, architectural, historical, or spatial values.

The design of this project envisages a new three-floor building after the renovation of the original building. The new building consists of a partially sunken underground floor, in which is located a commercial, leisure, and guest area. The ground floor of the presidential building is divided by the exterior into a social, and a private part. Furthermore, it is divided by floors into a day, and a night part, while the night part is located on the second floor.



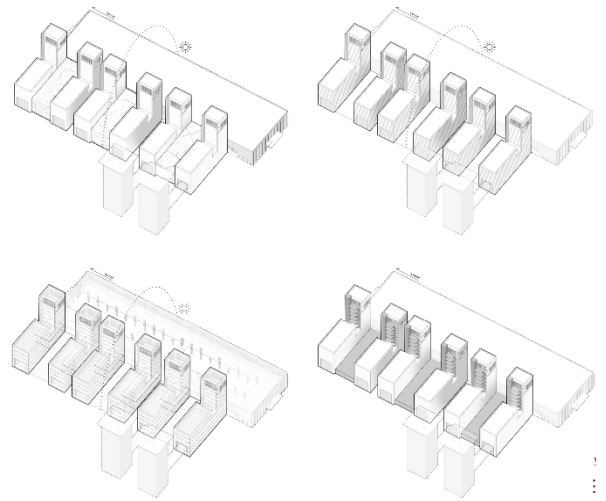
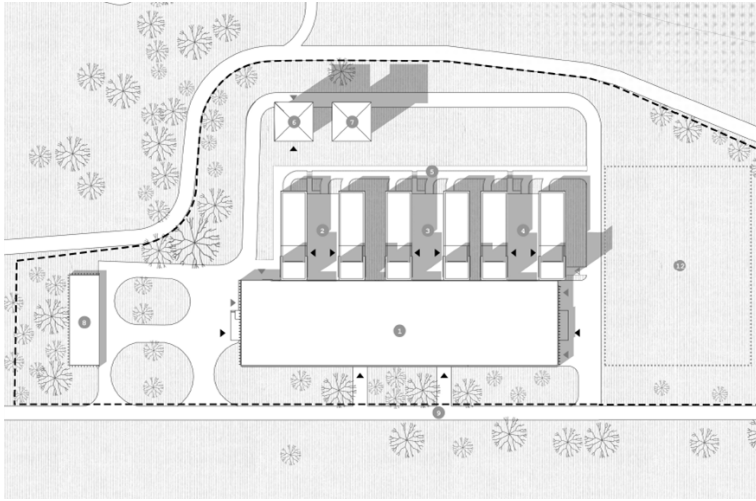
Revitalization of jet engine testing facility, Považská Bystrica



Ing. Klára Miková

The aim of my project was to point out multiple possibilities of future use of the abandoned jet engine testing facility situated in industrial district „Považské strojárne“, without any rough interventions to its unique silhouette. The assignment reflects one of the critical problems of Slovak building culture, the fate of dilapidated industrial areas, which are the remains of the previous regime.

The abandoned building is situated on the northern edge of the industrial zone in Považská Bystrica. Its original purpose, jet engine testing, defined an unusual shape of mass. It consists of a main three-aisled hall, three testing boxes with six air supply towers and originally six exhaust towers, of which only two were preserved. The lot is located on a flat terrain, which rises east of the building up to the hill „Žiar“ and on the west it descends down to the bank of river Váh. City district Milochovo is located north of the plot. The project is divided into two parts. First part consists of the housing unit design situated in the volume of towers mass. Second part is focused on alternative use of the main hall with the function of sports, recreation, culture or retail. The surrounding space of the building is a public space with park for residents and visitors. Materials used for new structures are based on materials originally used, which are mainly concrete, steel or glass.



Swimming place, Piešťany



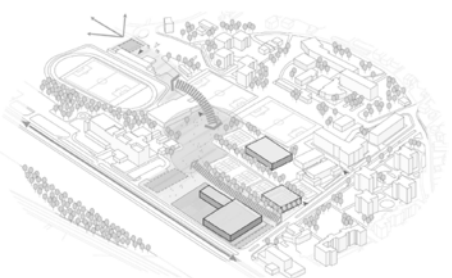
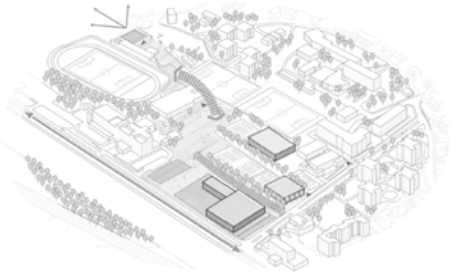
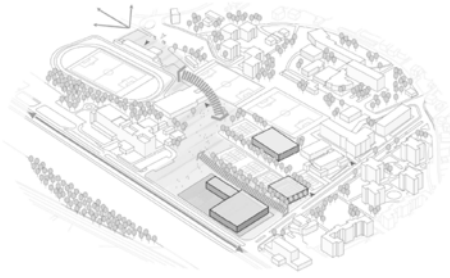
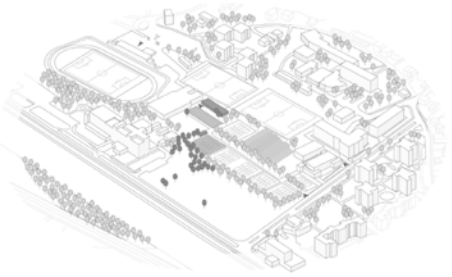
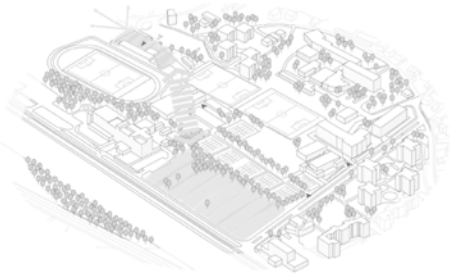
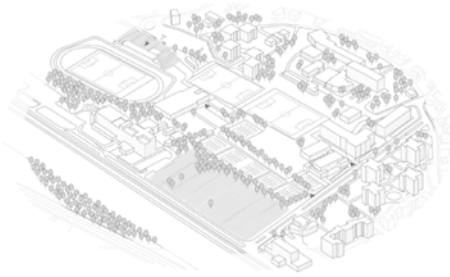
Ing. Jeannette Pažická

The content of the project is elaborate design of municipal swimming pool and its integration into the sports complex of the city of Piešťany. One of the goals of the project is to create an environment that will serve as new public space for meeting and wandering of athletes and city residents. The main goal is to design a swimming pool with equipment suitable for coordinating international water sport events. The intention is to create a multifunctional building that combines sports facilities for swimming and water polo club with sports and recreational activities for city residents and its visitors.

The urban integration to the environment of the sports complex and the creation of new public space are highlighted. The newly created square and swimming pool require a setup for new car park and bicycle parking. On account for land being located on the bank of the Bishop's Canal, which is distant by a flood barrier, it is appropriate to consider the connection to the water element.

The guiding idea in the design of the layout is the orientation of the swimming pool in the direction of the adjacent canal. The layout solution should enable smooth movement of visitors and easy orientation in the building. Attention must also be paid to the materials used for individual surfaces and to the technical aspects and the movement of the building. The total capacity of the swimming pool is 600 – 800 visitors.

The movement and functional units of the building are divided and closed so that there is no unauthorized movement of visitors in the technical background. Movement in the lobby, cloakrooms and pools is barrier-free.



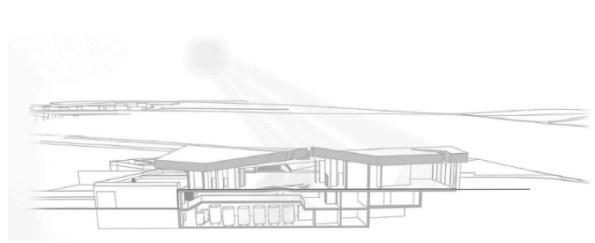
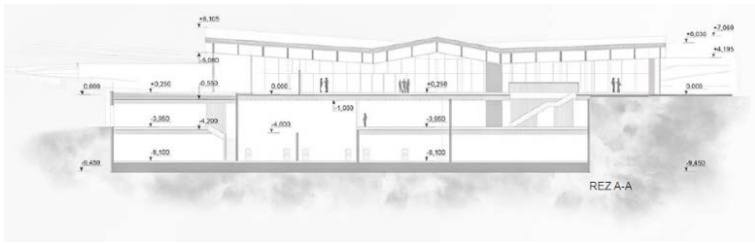
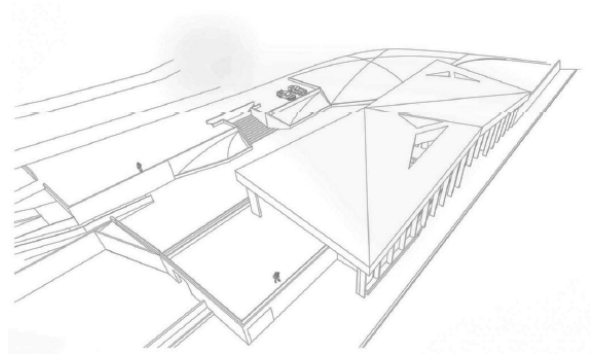
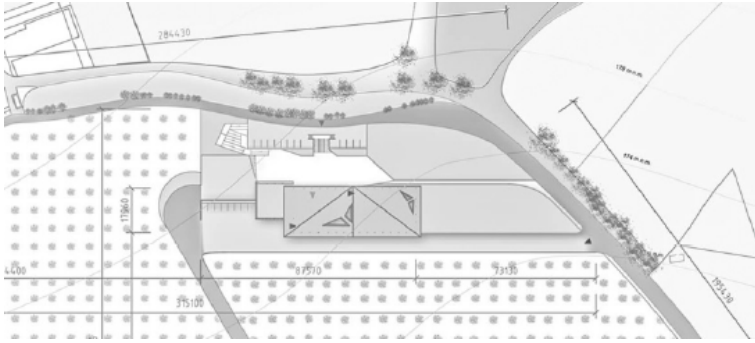
Winery, Bratislava - Rača



Ing. Peter Pelachy

The project is aimed to process a winery design in the city of Bratislava - Rača. The plot is located in a slightly sloping terrain near the houses, which is surrounded by vineyards overlooking the surroundings and nature. Access to the land is allowed only by one road from the south-east side. The design of the solved object was based on the natural potential to make the best use of the views from the plot to the surroundings on which the newly designed building will be located, thus dividing the mass into two parts. The first part - parking for customers. It is the highest place on the plot, where customers can "enjoy" the view of the surrounding countryside. The second part - viticulture. In order not to lose the views of the surroundings at the very entrance to the building, I also considered this issue. The all-glass façade of the building seemed to me to be the most suitable problem to solve, thus achieving visibility to the other side of the building without losing views, so I could extend the southern part by a terrace. I also had to consider the technological process of wine processing, taking into account the very movement of customers, employees and also production. In order to meet the subsequent requirements of production, the building was designed as a three - storey, divided into a social part, private - social and private part.

The whole winery building or the roof itself should not copy the surrounding buildings and architecture but should contribute to the creation of new architecture and should attract visitors with its shape, material design, construction and especially its functionality.



Multicomfort house, Paris



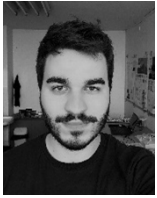
Ing. Martina Piatriková

Aim of this project was to design a housing and amenities zone in a specific part of Paris – Saint Denis, according to the local program of international competition Isover Saint-Gobain Multi Comfort House Contest 2020. My aim was to design an apartment house with rental apartments and mutual shared spaces intended for a local community. The apartment house is designed as a balcony access house, using efficient and cost-effective technologies and solar energy and rain water as well, to the overall operation of the apartment building.

The main characteristic of my design is sustainability, ability to retain and create as many green areas as possible and to create an environment not just for need for the housing itself but also for the need of local community.

This zone was solved not just from typological point of view within the building, but also from the point of view of urbanism. Here I design a solution for static and dynamic traffic in this certain area as well as in the area around, and placement of planned housing and educational construction on the premises.

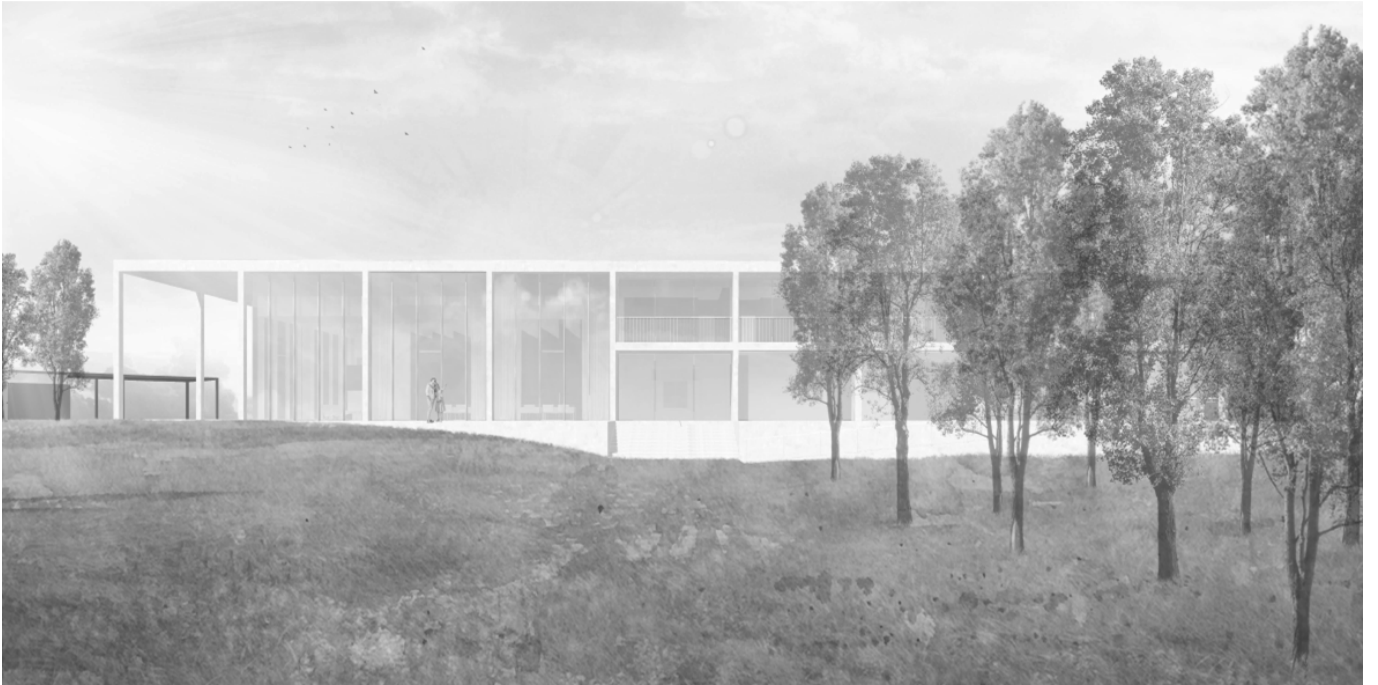
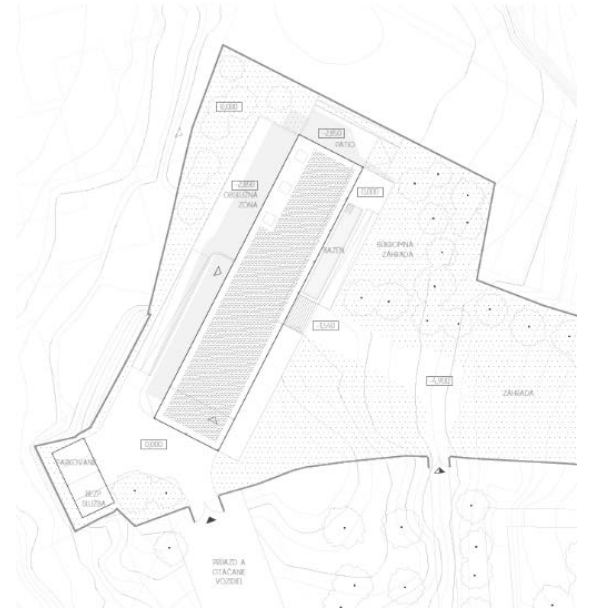
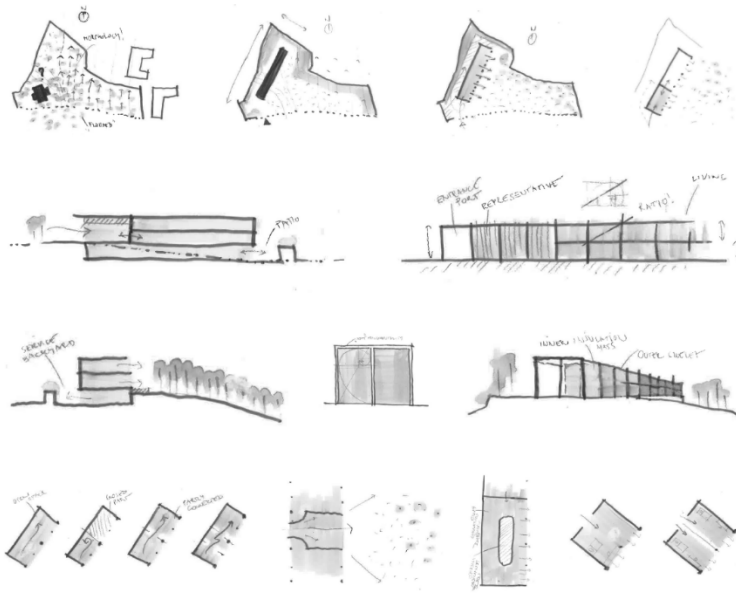
Presidential residence, Bratislava

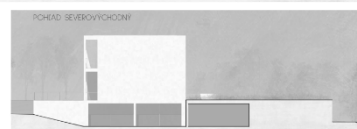


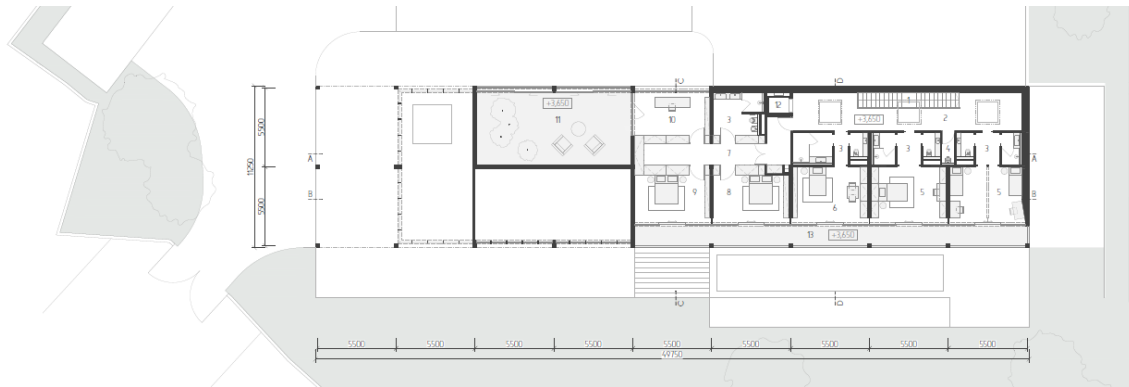
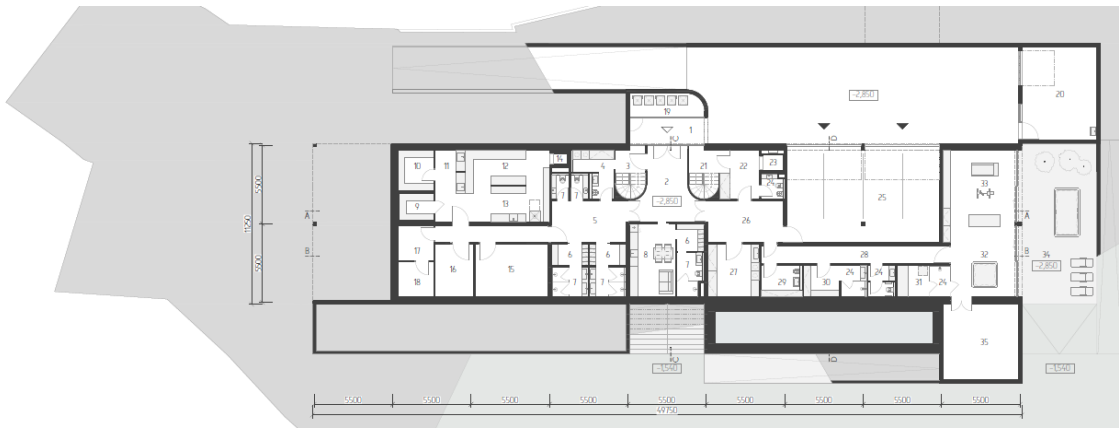
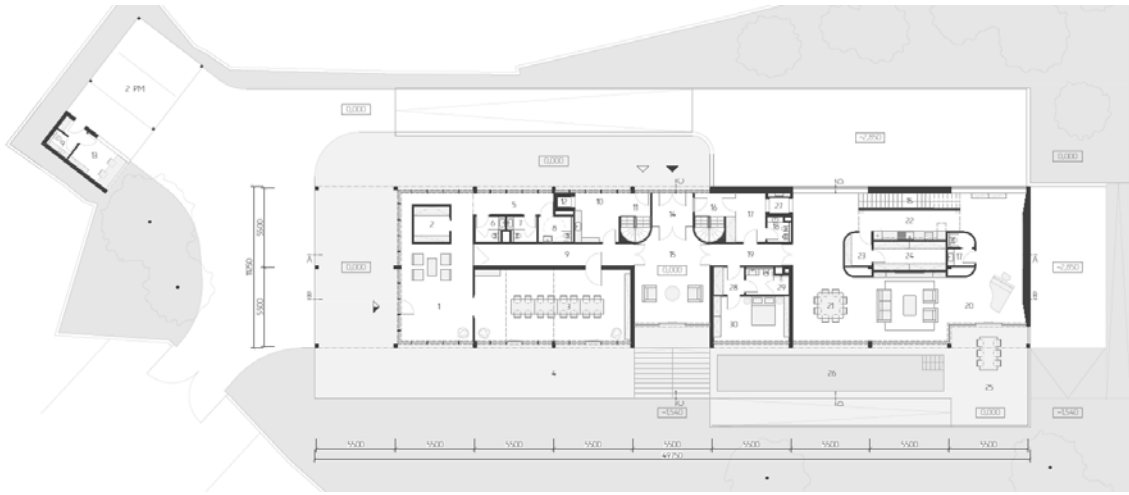
Ing. Robert Provazník

The aim of the project was to design the presidential residence located on Slavín hill in Bratislava. Sloping site with the existing villa from the 1930s is located in a unique place on one of the highest points near the city center of Bratislava.

After analyzing the issue and considering the extent of preservation of the existing villa, the proposal considers the remediation of the original building and the construction of a new residence, taking into account a number of aspects and requirements, including zoning, security, accessibility, variability, timelessness and energy efficiency throughout the life cycle of the object. The position, orientation and size of the proposed linear mass conceptually responds mainly to the morphology of the terrain, daylight and views. The subtle skeleton, lightened by large glazed areas, expresses a certain form of monumentality and nonviolent dominance with its composition and proportions. The overall solution and locality program is influenced by the assignment of the international competition XELLA 2019/2020.







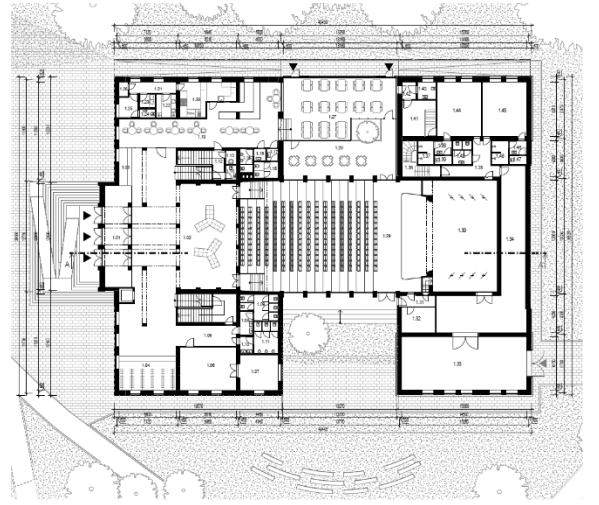
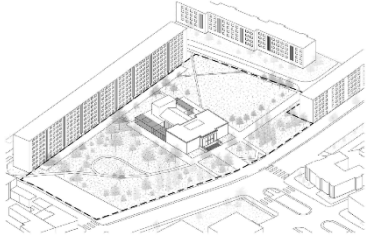
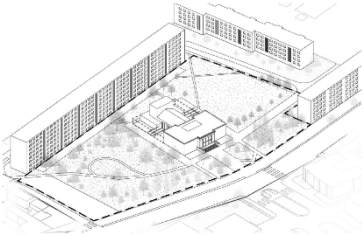
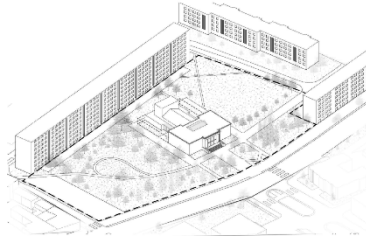
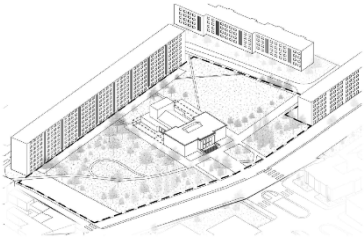
Reconstruction of Cultural House, Lučenec



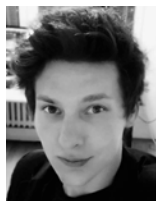
Ing. Martina Rajtúková

The aim of the project was to find a suitable way of reconstruction of the Cultural House in Lučenec. Be aware of the advantages of the existing building, but also their disadvantages, that has influenced its potential. Although its architecture is not significant and the functional content is no longer usable for today's society, I see its advantages mainly in central location and the placement of the building in the surrounding.

After a detail analysis of all factors, considering modern trends in the typology of cultural buildings, I proposed a reconstruction consisting in the simplification and unification of spaces, creating larger flexible areas. By adding a restaurant and coworking part, which complements the current use of the theater hall, we will get life into the building even on weekdays. Landscaping and the addition of furniture have created a more suitable places for people to stay around the building, which will also help to restore it.



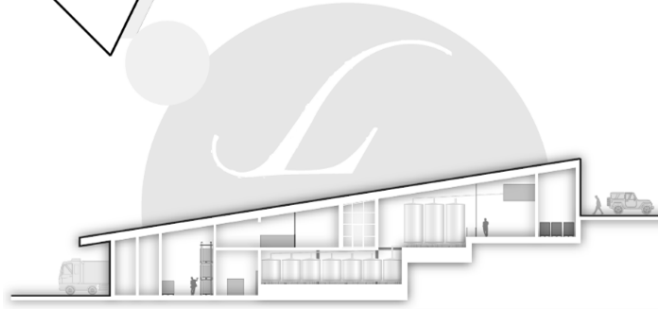
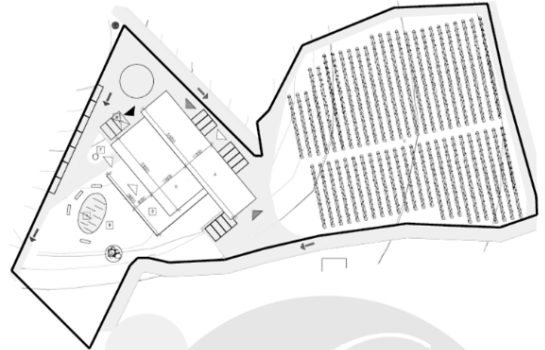
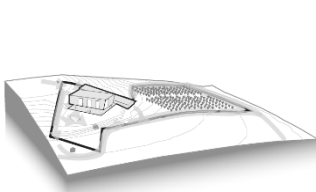
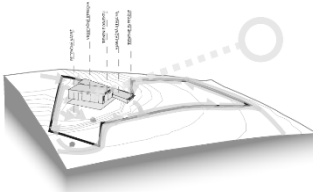
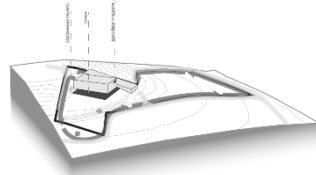
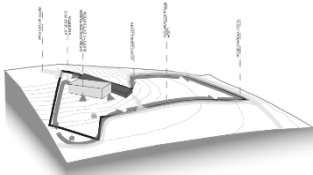
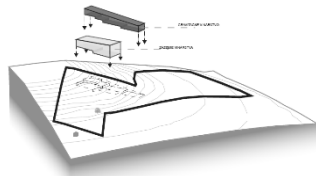
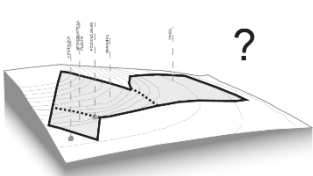
Winery, Modra



Ing. Vasil Reviřak

The subject of the project is the architectural design of the winery in Modra. Thematically, the project is succinctly suited to the wine-growing area of Modra, whose roots go back to the ancient past, but the project is unusual in its location and relationship to the city, which gives the possibility of creative creation in relation to given historical, geological and architectural conditions. At the beginning of my work, after personal inspection of the parcel I was acquainted with the favorable and unfavorable conditions that will be waiting for me during the creation, but I became acquainted with the rich history of winemaking and wine making, which helped me to transform the defects into positive aspects of creation.

I have used the acquired knowledge to the greatest extent in the design and creation phase. It is a winery that respects the history of the site with its architectural and operational solution by its moderation in order to achieve the greatest possible effect of combining modern technologies with the surrounding nature without any negative impacts on the environment for maximum building autonomy.



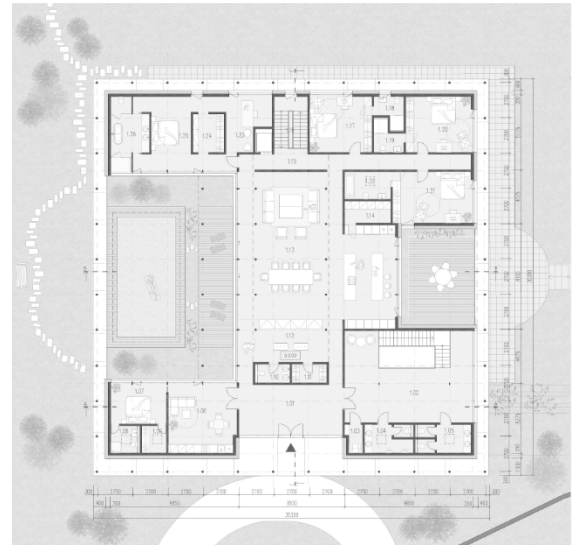
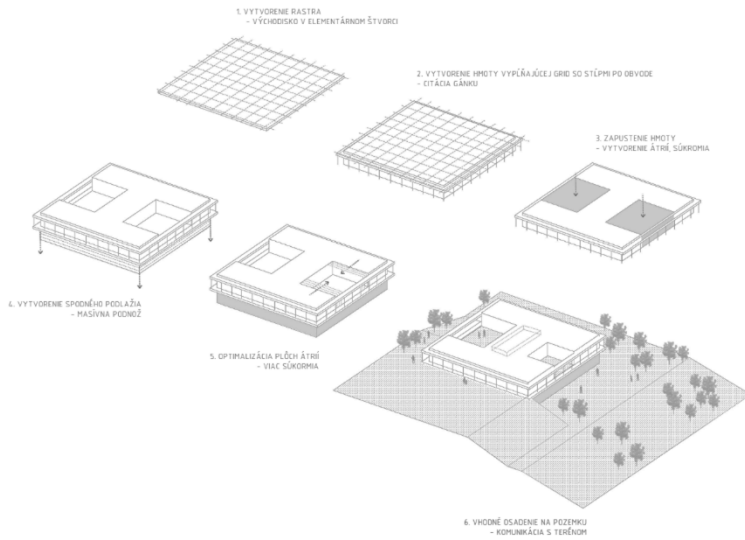
Residence of the Slovak Republic President, Bratislava



Ing. Paulína Rigová

The aim of this project is a proposal for residence of the Slovak Republic President, which meets the local program requirements for 25th Xella competition called P/resident residence in Slavín. It is located on the same place as the original presidential villa, in the existing urban structure in Slavín, Bratislava. The layout and operational solution of original villa no longer suits to current requirements for this type of structure and needs to be replaced with more suitable design. With its concept, material design and layout, the proposed villa seeks to fulfill the ideas of housing for the head of state in the 21st century, which meet the requirements for aesthetics, operation or safety. At the same time, its goal is to sensitively complement the development of villas, which were built from the beginning of the 20th century to the present, while maintaining the character of the so-called garden villa. The proposal also emphasizes the minimization of costs associated with its operation or the reducing the level of environmental impact using sustainable materials.

The design consists of two objects. The first building is the president's residence itself, operationally divided into a private part, a representative part, a guest wing, a caretaker's apartment and a technical background with a garage. This mass is two-storey high with a flat roof. In the second, additional, building there are spaces for security department and it is a single-storey building with a flat roof.



Orava Museum of Ethnography, Námestovo

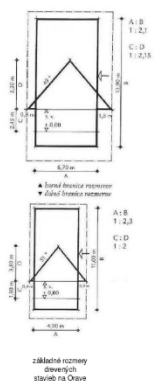


Ing. Tatiana Santová

The subject of this project is a proposal of architectural solution of “Orava Museum of Ethnography” building in the town of Namestovo. The project is created for “Martin Rusnak Association”. The museum provides information about the rich history of Orava region to general public. It also serves to professionals as a center for meetings and place to preserve historical documents and artifacts.

The goal of my work is to design the building as a place that shows Namestovo as a modern and environmentally friendly town. The museum reflects both the rich history of the region and settlement structure before the construction of the dam. The building of the museum also supports the attractiveness of that public place on the waterfront.

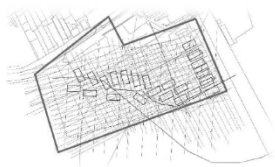
The museum is situated on the right bank of Oravska dam. Apart from the museum there are souvenir shop, multifunctional hall, library, office zone, restaurant and café in the building. In fact the building is a complex of eight statically independent subjects.



základní rozměry
hlavních
stavěb na Ořavě

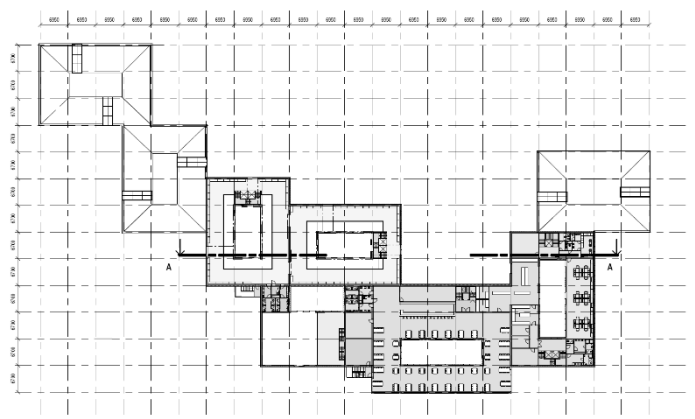
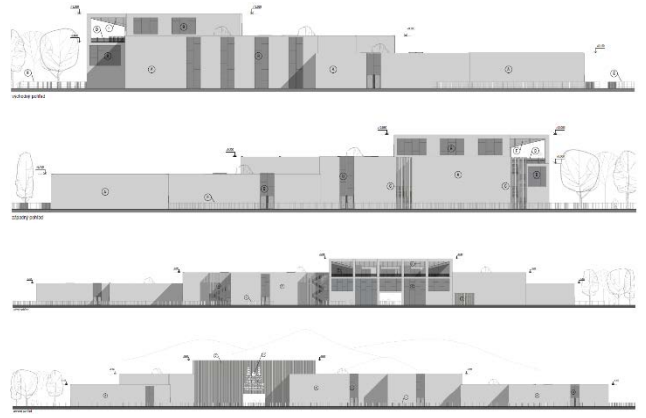
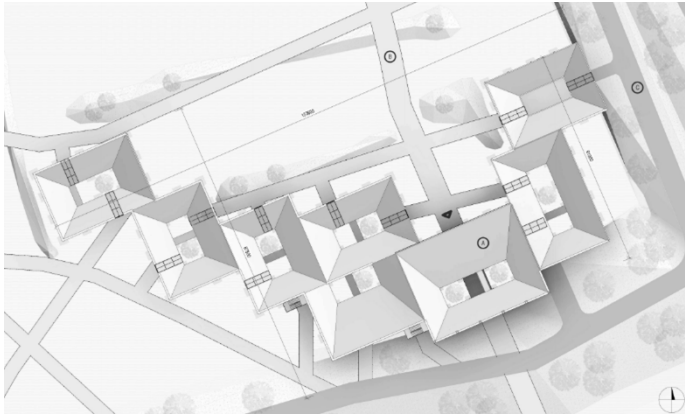


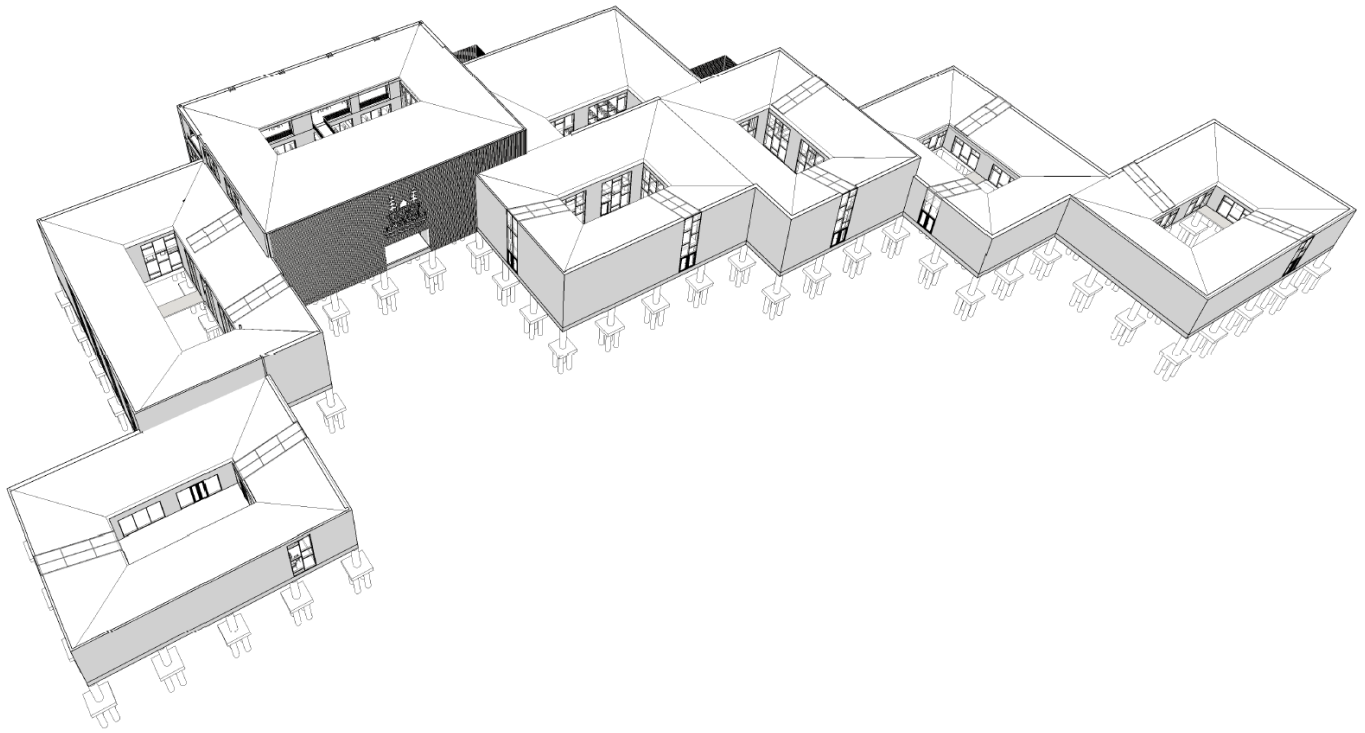
historický vývoj
území



rozděr







Ethnographic Museum of Orava, Námestovo



Ing. Gabriela Slovákova

The aim of this project is a proposal for the Museum of ethnography which is situated on the embankment and which meets the requirements of the local architectural competition "Oravske Muzeum enografie Namestovo". The proposal of the new building is situated on the shore of Oravska priehrada, which offers a historical touch and memories and it can enrich with new cultural and historical impulse. The proposed building with its design, concept and layout seeks to fulfill the requirements of the competition.

The mass of the building consists of a semi - basement, which offers enough space for the parking lot, technical rear and three storeys with a flat roof. The first storey is divided into 2 parts by a spacious passage. The entrance hall is located on the right side with small souvenir shops, the cash desk, dressing room and the exhibition. On the left side there is a library with a reading room, café with terrace and rear for the staff. On the remaining storeys there are spaces for the exhibition.



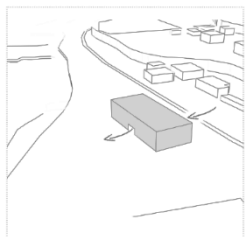
UMIESTNENIE OBJEKTU KOľMO NA CESTU
PRIAMY KONTAKT OBJEKTU S VODOU



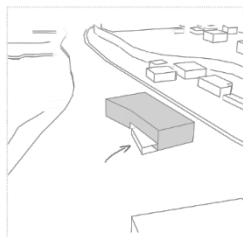
OTOČENIE OBJEKTU ROVNOBEŽNE S CESTOU



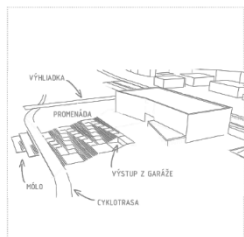
POSUNUTIE OBJEKTU K CESTE
VYTVORENIE VOľNÉHO PRIESTORU_PROMENÁDA



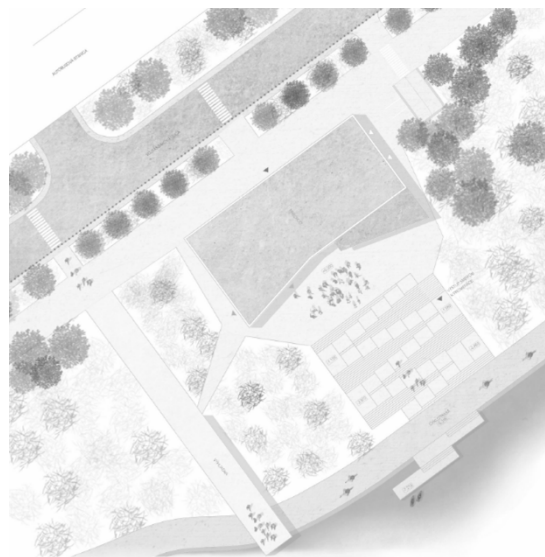
UVODENIE BARIÉRY
PREPOJENIE KOMUNIKÁCIE A PROMENÁDY



VARIABILNÁ TERASA
POČAS LETA MOŽNOSŤ OTVORENIA



ÚPRAVA TERÉNU



Multifunctional architecture, Mladá Boleslav

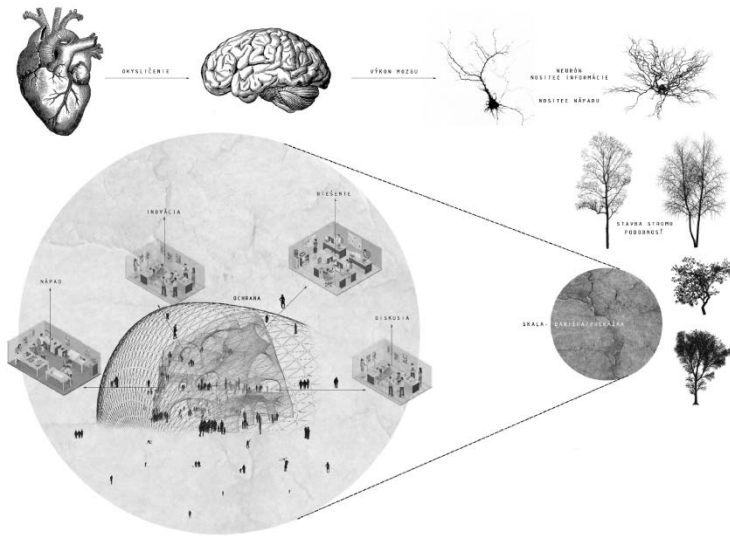


Ing. Tomáš Socha

The task of this project was to draw up a project on the topic of multifunctional architecture for Škoda Auto a.s. at the level of documentation for zoning decision.

Building is designed as a multifunctional large space providing visitors a number of different nooks for self-realization and developing their ideas. At the same time, it includes stable premises for representatives of the city of Mladá Boleslav, as well as for employees of Škoda Auto a.s. and several other features that are attractive for frequent public in this area.

The concept of the building is based on the very process of thinking, in which neuron is playing an important role on transporting information/thoughts, resembling its structure to the crown of a tree. Therefore, the author decided to place the object near to the forest park. Another important aspect of thinking is the oxygenation of the brain by the heart, which pumps blood with oxygen to the brain. This fact resulted in the insertion of organic shape resembling a heart into the central part of the building, from where people are transported to the individual places so that they can then come up with new ideas and thoughts.



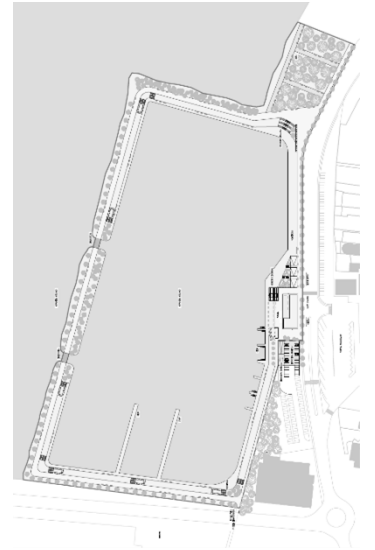
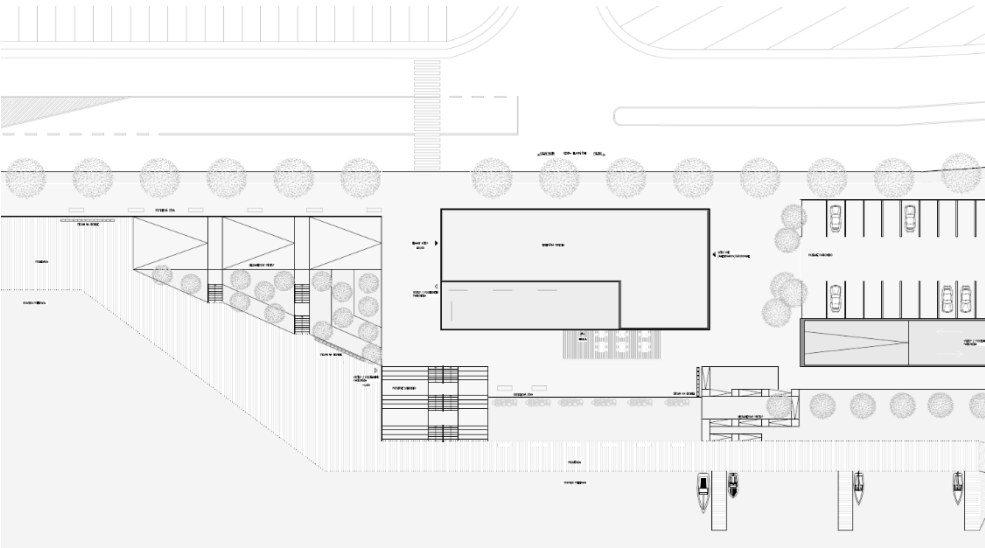
Orava Museum of Ethnography, Námestovo



Ing. Matej Šimún

The task of the project was to design a new building for the Orava Museum of Ethnography in Námestovo. The new building respects the conditions and creates spaces for the rich history and architecture of the Orava region.

The building is situated in a real urban situation and refers to the history of this valuable cultural area. It is important to take care of the rich tradition and history of the Orava region and thus preserve the values for the younger generations. The architectural design is subject to the conditions of the Architectural Competition 2019/2020. In the solved area, the building respects urban-architectural relations in compliance with the requirements and the local program. The main point was the solution on two levels: architecture and location of the museum with respect to the urbanism of the surrounding buildings, on the other hand, the solution of the whole area with the creative creation of a public space with a residential function.



Rehabilitation Center, Nová Baňa



Ing. Samuel Šmikniar

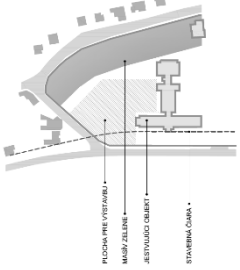
The result of my work is an architectural study for a new building of the Rehabilitation Center in the hospital area in Nová Baňa. The area is located on Cintorínska Street in the center of Nová Baňa.

There are 8 existing buildings in the area, 3 of which provide health care and 5 small ones for THZ. The newly-designed Rehabilitation Center has 3 above-ground floors and one underground, where there are THZ facilities and underground garages. On the first floor there is a social rehabilitation together with a café, from which is the entrance to the terrace as well as from the hall. On the 2nd and 3rd floor there are rehabilitation outpatient clinics as well as space for mass rehabilitation. Waiting areas are on each floor. In the immediate vicinity of the building is located across the street private health center with a pharmacy. In front of the area are bus stops.

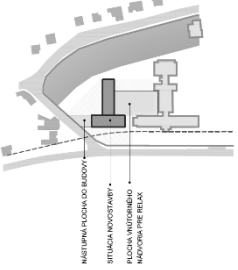
The shape of the new building creates a boundary for the relaxation garden, which is also intended for the bed part of the neighboring building. The architectural study also deals with planting new greenery. There are a number of trees on the plot at the top, all of which would not show signs of damage.

The civic amenities building as a whole fits into the surrounding construction. It respects the building line of the street with its height configuration. The building complements the missing function of health care in the area, as there is also a special school for children with health problems nearby, it is undoubtedly usable.

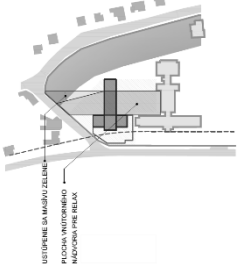
HÖVŇOVÝ STAV



ZÁKLADNÝ NÁVRH



VÝSLEDNÝ NÁVRH



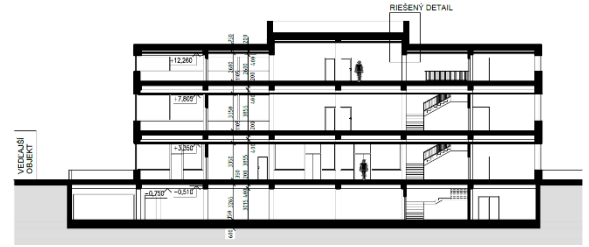
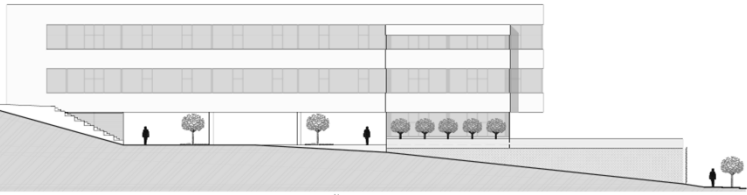
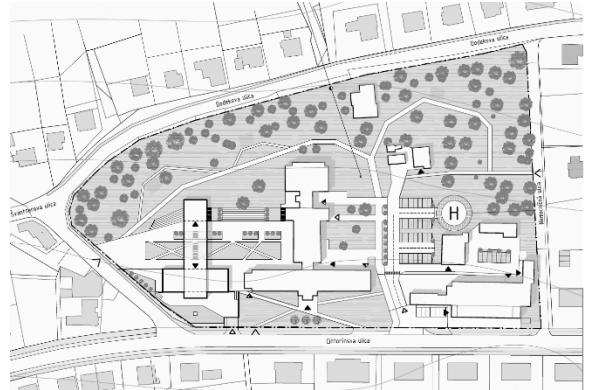
POVODNÝ STAV



ZÁKLADNÝ NÁVRH



VÝSLEDNÝ NÁVRH



Winery, Modra



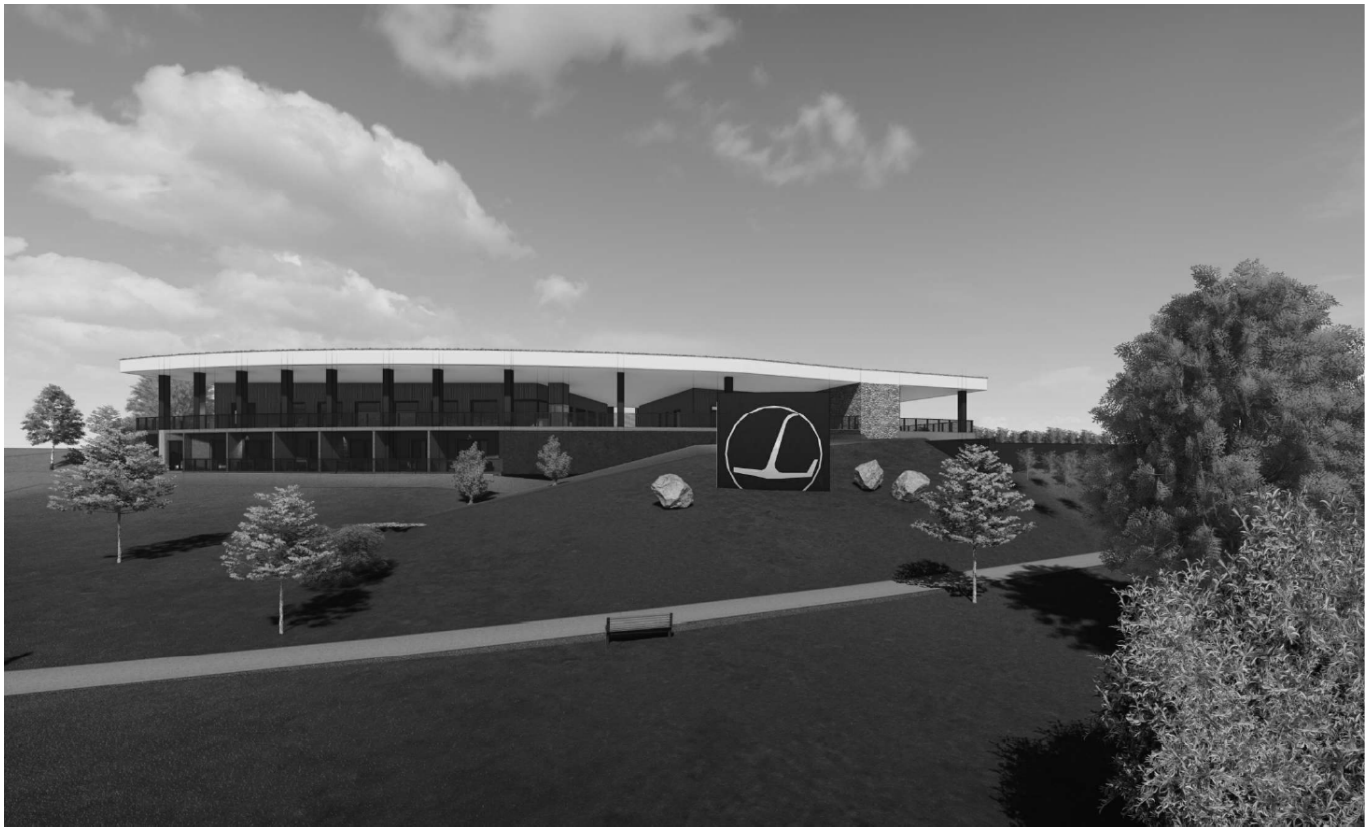
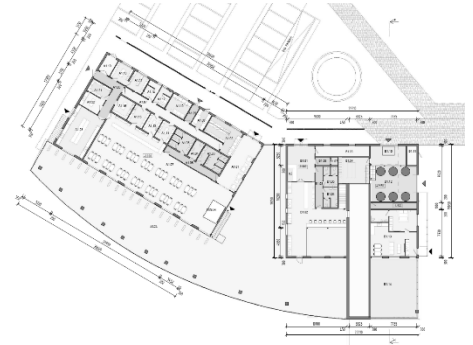
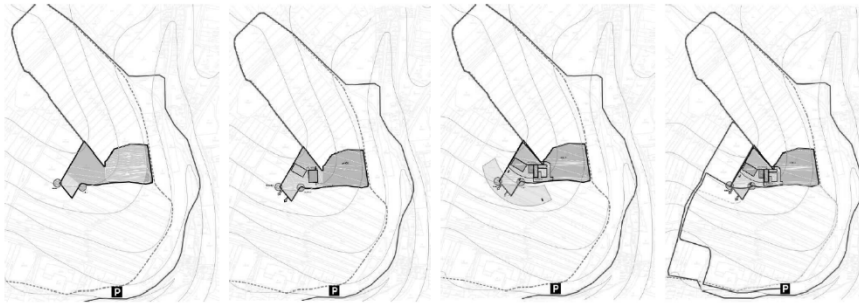
Ing. Juraj Šubík

My work presents a concept of the winery and its placement in the landscape of the vineyards area above the royal city of Modra. In the process of the creation of the concept and concept itself, I gradually got acquainted with the area, viticulture and the history of viticulture. I also visited several wineries, where I gained important information about the grapes processing, the technological process and production of wine, as well as its storing.

I applied the knowledge acquired during this process to the fullest extent when creating the concept and design. The project represents a winery which architectural and operational solution, respects the character of the landscape and despite of its modern shape, fits in to the surroundings.

Since the whole process of wine production takes place here, there are also the corresponding functional units situated here.

I divided the winery into two separate buildings. In the first building there is accommodation for guests in glass apartments and a restaurant that offers gastronomic experience and beautiful views of the city of Modra and the region of vineyards. In the second building there is a production of wine itself and also a possibility of wine tasting, which takes place in the tasting room or eventually wine purchasing in the store, where you can have a pleasant sitting with a view of the surroundings. There are various offices situated here and at the request of the owner there is also his own apartment there. The buildings are interconnected by a spacious terrace. The building is sunk into the terrain, so it does not present itself as a new landmark.



Recreational Area, Čunovo



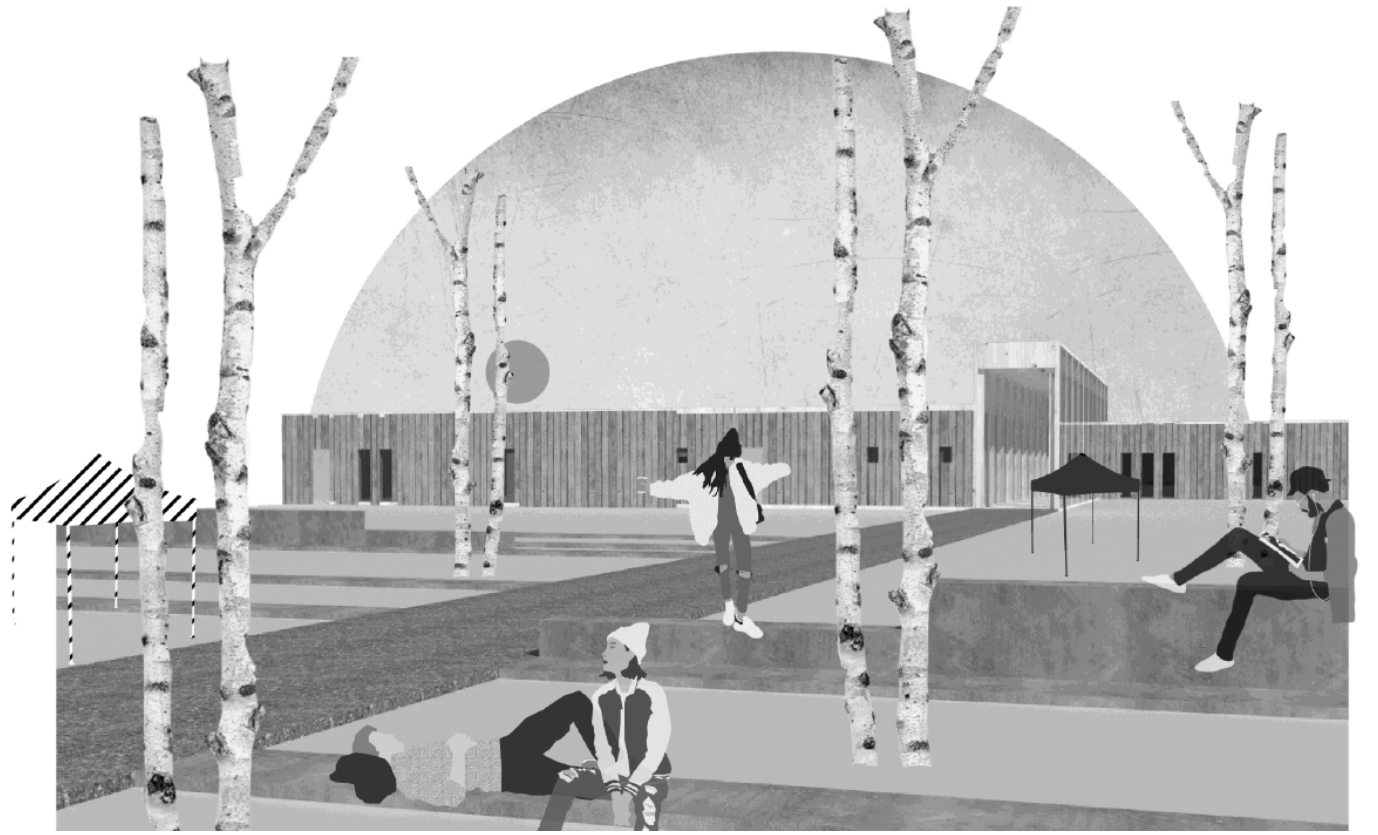
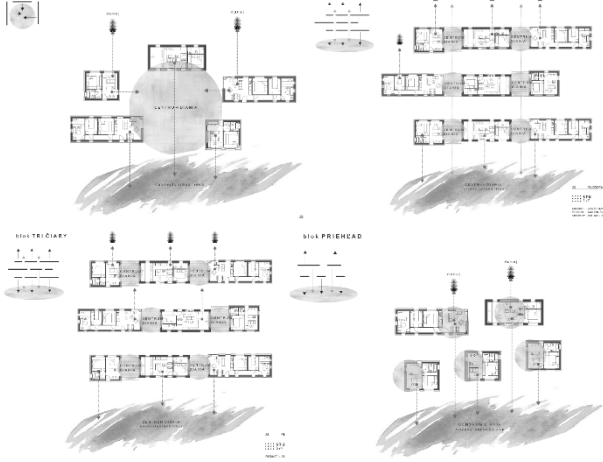
Ing. Martina Šverhová

Assignment of this project was to create a comprehensive design of weekend living in the natural environment near the village Čunovo. The area includes buildings and areas for residential, leisure and sports functions located on the banks of the waterworks. The buildings are designed for the summer and also the winter months, when it is possible to make full use of weekend housing as well as its surroundings. The recreation area also includes a central multifunctional pavilion with a reception and a restaurant. There are 192 residential units of various sizes in the complex. 4 types of cells are proposed, which are repeated in three types of buildings in the area.

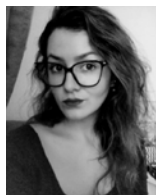
By designing natural materials, I tried to respect the environment as much as possible. With the intention of mitigating their footprint, I situated the individual objects on the so-called Stilts. The proposed columns also resolved the issues of possible flooding of the area by the action of a nearby dam. For the possibility of barrier-free access either to the central parts of the complex or to the residential units themselves, the buildings were situated on terrain ramps. In order to achieve a minimum readability of human intervention, the proposed facades of buildings are made of natural materials and also do not disturb the surrounding natural environment.

The whole area then creates a harmonious impression for its visitors. The priority in the design was provided for me and newly created interesting views from the residential areas to the water areas of the area, the orientation of the units with respect to the world. Common spaces between residential units form the overall urban composition. Also important for me was the cultural space with an amphitheater, which is created by landscaping for sitting, performances and joint activities of visitors, as well as the newly created beach zone with various possibilities of its use.

0-14 UČKO



Winery, Tekovské Nemce

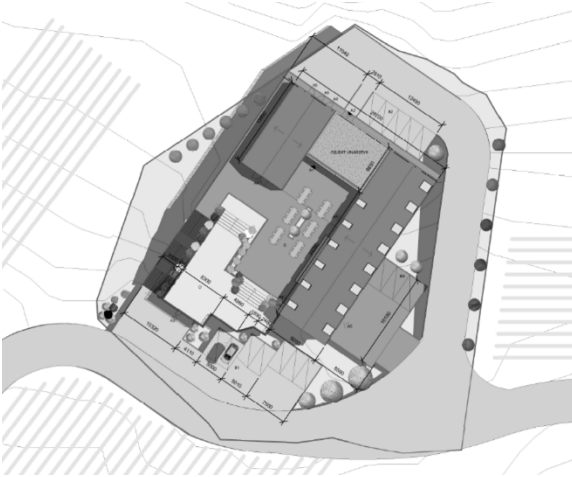
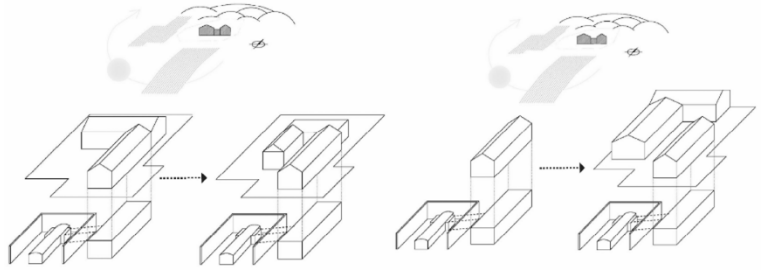
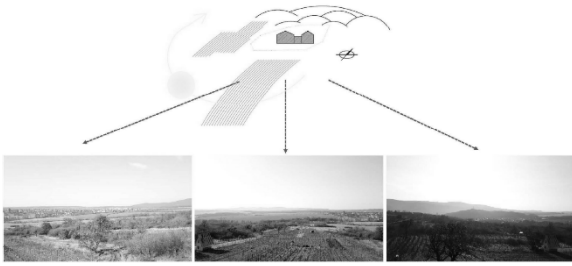


Ing. Jana Valkovičová

The topic of this project was the elaboration of a winery building design in the village of Tekovské Nemce. The plot on which the building was designed is located in a wine-growing area, the winery is designed in existing vineyards, where there is not much development - there are a few buildings that served as vineyards, used as cottages. The land is sloping, there is currently no building on it. There is a view of the whole village of Tekovské Nemce, partly of Hronský Beňadik and the building of the Basilica minor of St. Benedict, abbot of Hronský Beňadik.

The design was influenced by the original cottage construction - and thus the sloping roof is also used in the winery, only a small part of the building is covered by a flat roof. The winery is designed to produce 50,000 liters of wine per year, which is approximately 56,000 bottles per year.

The production part of the winery is located on the 1st floor, which is mostly below ground level, accessible from the exterior is from the east side, where the main entrance to this production part, and also from the southwest side, where the entrance to the original tuff cellar is located, which I maintain and propose to rehabilitate it. On the first floor there is an entrance hall with facilities, with a flat roof, which divides the two main parts of this floor, namely the tasting room with the preparation room and staff facilities, and the accommodation part, where there are six accommodation units. Wine tourism is slowly returning to this area, and I think that the proposed wine industry will support and accelerate this development.



Housing and amenities zone, Paris



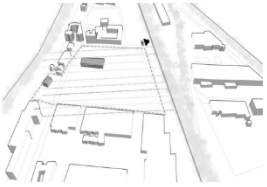
Ing. Romana Vojtková

The aim of project was to design a housing and amenities zone in Saint Denis in the metropolitan area of Paris in France according to the international competition Isover Saint - Gobain Multi-Comfort House Contest 2020. I have created an apartment building with rental apartments and vertical gardens and also shared areas for Parisians. In the apartment building are rental flats with variable layouts, which created diversity of housing units.

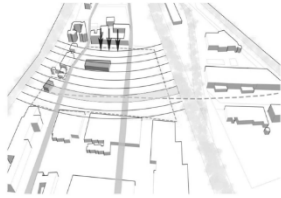
The area is located between the river Seine and its side arm near to the Stade de France. I have also adjusted the housing zone to the upcoming Olympic Games, which will take place in 2024. I have comprehensively solved the area and I focused on creating a public space, parks, green areas and a community center for residents and visitors.

One of the most important aspects of my work is to create an optimal indoor environment, according to the requirements of the applied theory "Multicomfort".

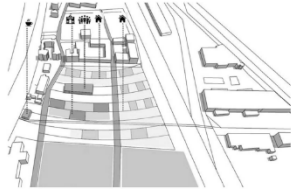
KOLMICA NA ZDROJ HLUKU



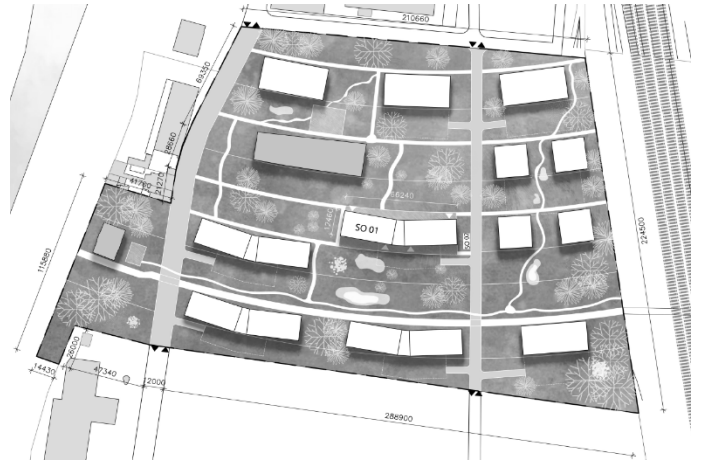
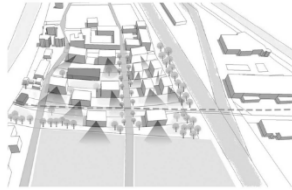
ZAKRIVENIE KVOLI VÝHLADOM



ROZMIESTNENIE NA POZEMKU



VÝHLADY

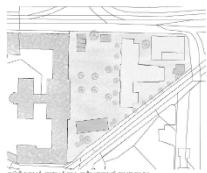


Refurbishment of the existing buildings and design of new building of the University Hospital, Bratislava

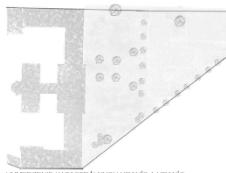


Ing. Erika Zatková

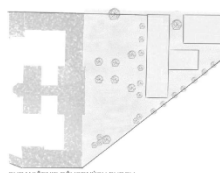
The aim of my work was to refurbish the spaces of the University Hospital in Bratislava, part of the Old Town, on Mickiewiczova Street. The aim was to refurbish the area, to suggest a change in the functional use of the hospital buildings and to replace the most damaged buildings with new ones, which by their mass, architectural and functional design appropriately responded to the surrounding architecture and overall complemented the city's face. In the proposal it was necessary to respect the regulations of the zoning plan and as the zoning plan of the zone was not elaborated for the given area, it was necessary to finish it.



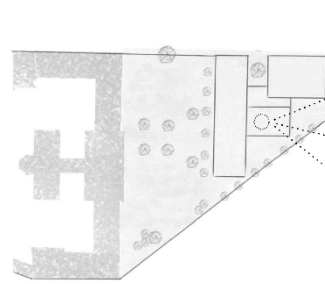
SUČASNÁ SITUÁCIA PŮVODNE BUDDOVY



VYMEDZENIE KATASTRÁLNYCH HRANIC A HRANIC RESPEKTUJÚCICH STROMOVOU VÝSADBU V PARKU



OKRAŠENIE PŮVODNÝCH BUDDOV



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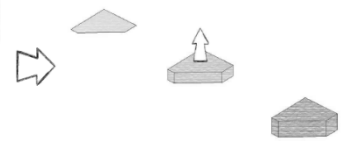
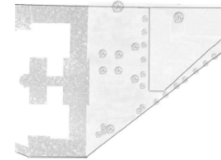
2. PŮDORYSNÝ VARIANT

3. PŮDORYSNÝ VARIANT

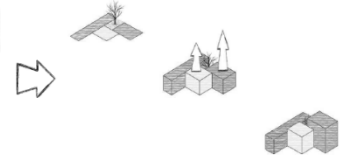
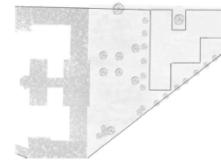
RESPEKTOVANIE PŮVODNÝCH PŮDORYSNÝCH HRANIC A NAZNÁČENIE PREPOJENIA HMŔ



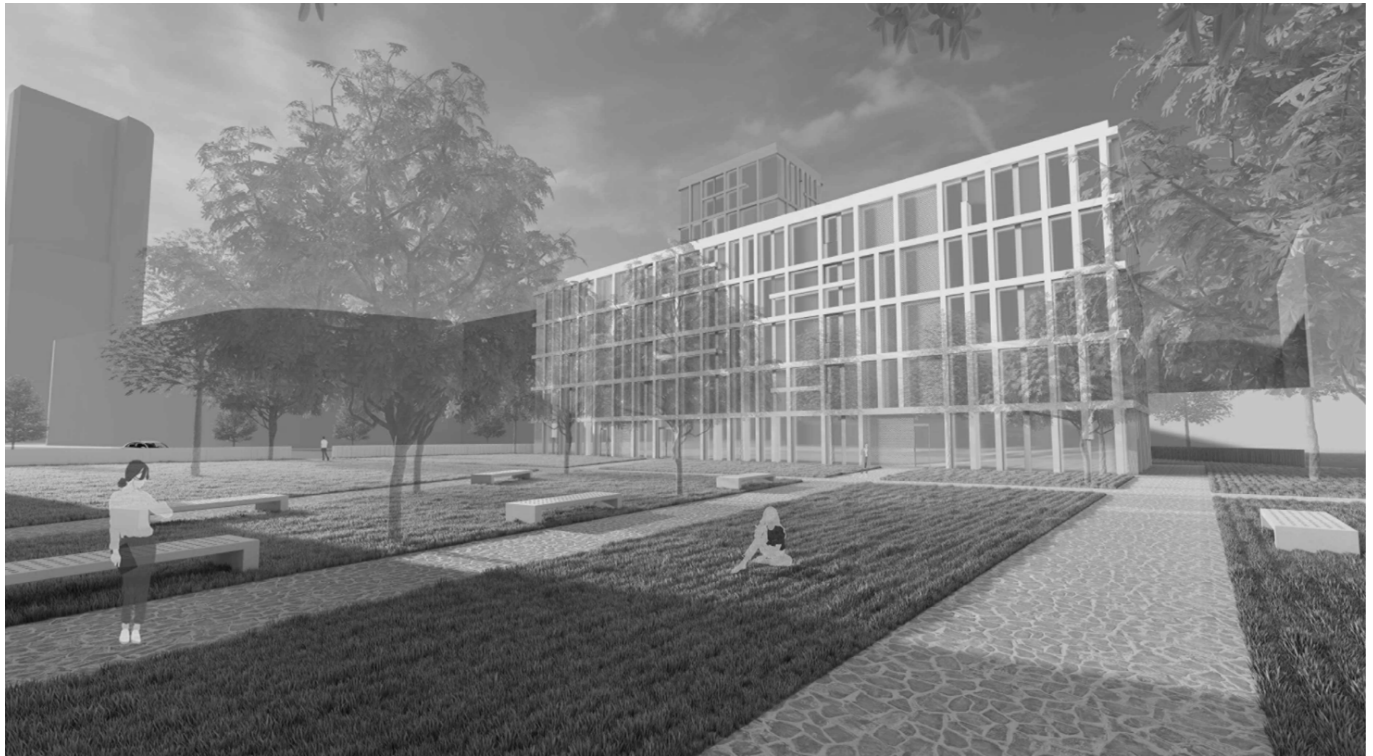
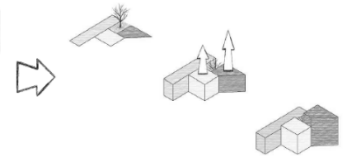
VARIANT 1



VARIANT 2



VARIANT 3



Future of thinking game

What comes next. Terms of Contextuality and Conceptuality in Architecture are not the only way in architectural thinking. There are many thinking directions based on optimization process and complex data processing.

Challenges awaits and suitable optimized method can help in difficult conditions of building design process. Importance of a role of architecture in technical and economic sphere leads to humanization and sustainability for and valuable and durable proposals.

Different attitudes demonstrated against context corresponding to the periods of “Modernism”, “Post Modernism” and “Deconstructivism” has been brought to the present and extensions/provisions of these attitudes are conveyed to contemporary discourse. Contemporary contextual architecture is scrutinized in relation to design activity and design product and related background is interpreted. Accordingly, guidelines, strategies of contextual design, architectural habits and extensions from the past are critically discussed. The general considerations about the direction of architectural design also contribute to the regular debates and discussions in

the commissions. (Çizgen, Gültekin, Rethinking the Role of Context and Contextualism in Architecture and Design, 2012)

Scientific approach to creative way of data procession can be the key to understanding challenges of near future. Optimization of design based on scientific method such as simulation, virtual model or social evaluation can connect technical and individual approach to architecture. Such an enrichment can develop valuable and sustainable architecture.

Optimized design is difficult in terms of professional skill and knowledge evaluation. Thinking game of future architecture design can help manage the deepness of big data processing or independent data based network intervention to human environment.