

MARTIN BOLEŠ

PORTFOLIO

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- Professional experience** 2012/13 Studio PeZ, Basel, Switzerland, freelance (cooperation)
2011/12 Herzog & de Meuron, Basel, Switzerland, trainee (12 months)
2010/11 COBE, Copenhagen, Denmark, trainee (6 months)
2009 MORPH4, Canach, Luxembourg, trainee (1 month)
2008 Explicit Architecture, Wien, Austria, model maker (1 month)
2007 HTArchitecten, Den Haag, Netherlands, trainee (4 months)
2006 Lubovnianske Muzeum, Stara Lubovna, Slovakia, model maker (6 months)
2011, 2013 freelance, Stara Lubovna, Slovakia (12 months)
- Education** 2010 Master in Architecture at Slovak Technical University - Faculty of Architecture, Bratislava
2010 Diploma research at The Royal Danish Academy of Fine Arts - School of Architecture, Copenhagen
2009 Technical University in Graz - Faculty of Architecture, Graz
2008 Universidade Lusiada - School of Architecture, Lisbon
2004 - 2008 Bachelor's degree at Slovak Technical University - Faculty of Architecture, Bratislava
- Awards & Honors** 2011 Leonardo Da Vinci Programme (COBE, Copenhagen, Denmark)
2010 National Scholarship Programme of the Slovak Republic (Danish Royal Academy of Fine Arts)
2009 Central European Exchange Program for University Studies CEEPUS (Graz University of Technology)
2008 Erasmus grant (Universidade Lusiada Lisboa)
2007 Leonardo Da Vinci Programme (HTArchitecten, Den Haag, Netherlands)
- Exhibitions/Instalations** 2009 "Aggregatzustand", Lunz am See, Austria, TU Graz
2009 "Don't look now", Invisible cinema in Wien, Austria, TU Graz
2009 Homage to O. Eliasson - Light installation at TU Graz
2008 Model of Lubovna castle - permanent exhibited, Stara Lubovna, Slovakia
- Lectures/Publications** 2013 Representation in Architekture - Faculty of Architecture in Bratislava
2013 Designing process in studio Herzog & de Meuron (almanac)
- Languages** Slovak, English, German, Polish
- Practical skills** Cardboard/Foamboard cutter machine, laser machine, wood treatment - wooden workshop, rammed earth buildings, CNC milling machine
- Computer skills** CAD - AutoCad, Rhinoceros, SketchUp, Archicad, Revit, Vectorworks, Allplan, 3ds Max, ESRI ArcGIS, Grasshopper
Graphic - Adobe Illustrator, Photoshop, InDesign, Bridge, Acrobat Pro, Flash, Corel, Dreamweaver, Premiere, Final Cut, Processing
Other - Windows, Word, Excel, Outlook
- References** Studio PeZ, please contact Mr. Pedro Peña, ppena@studiopez.net
Herzog & de Meuron, please contact head of HR Ms. Doris Erzer, d.erzer@herzogdemeuron.com
COBE, please contact Ms. Caroline Nagel, caroline@cobe.dk
Faculty of Architecture STU in Bratislava, please contact Assoc. Prof. Veronika Kotradyova, PhD., kotradyova@fa.stuba.sk

SÃO PAULO CULTURAL COMPLEX LUZ

São Paulo, Brazil, Project 2009 – planned completion 2016

Partners: Jacques Herzog, Pierre de Meuron, Ascan Mergenthaler, Markus Widmer

Responsible: Tomislav Dushanov (Associate), Iva Smrke (Associate), Kentaro Ishida (Associate), Marcelo Bernardi

Project Team: Duarte Lobo Antunes, Marta Brandão, Caetano De Bragança, Amparo Casani, Ufuk Celik, Jonathan Davies, Anna Ferrari, Colin Jeffrey, Christopher Lunde, Hania Michalska, Franca Miretti, Carmo Montalvão, Felipe Pecegheiro, Pedro Peña Jurardo, Malgorzata Radwanska, Dulcinea Santos, Katrin Schwarz, Francesco Valente-Gorjup

Cultural Complex Luz will be an important addition to Latin America's largest cultural district. By combining education, culture, arts and events, it aims to bring enhancements to the surrounding neighbourhood as well to bring together dance and music, students and professionals, performers and audience, production and rehearsal in one place.

As the home for the São Paulo Dance Company and the 2000-student Tom Jobim Music School, the complex will include a 1750-seat Dance Theatre, a 500-seat Recital Hall, and a flexible Experimental Theatre with up to 400 seats. To enhance the planned uses and programme mix, and create greater variation of spaces, the building consists of interwoven horizontal bands which cross at split levels. These wide, linear bands act like city streets to allow for dynamic and diverse exchanges.

The main entrance is provided by the Grand Ramp, which is simply one of the slabs projecting out and sloping down into the grounds. It enters directly in the heart of the Complex, and is the main orientation and distribution device in the building.

The landscape of water and green plants creates tropical planting forms a dense green carpet, grows around the slabs.

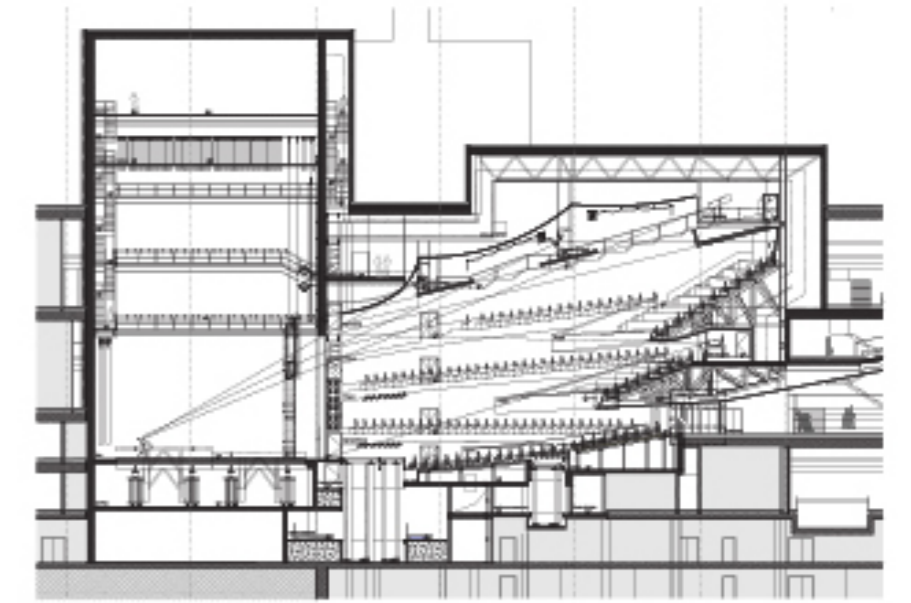


DANCE THEATER

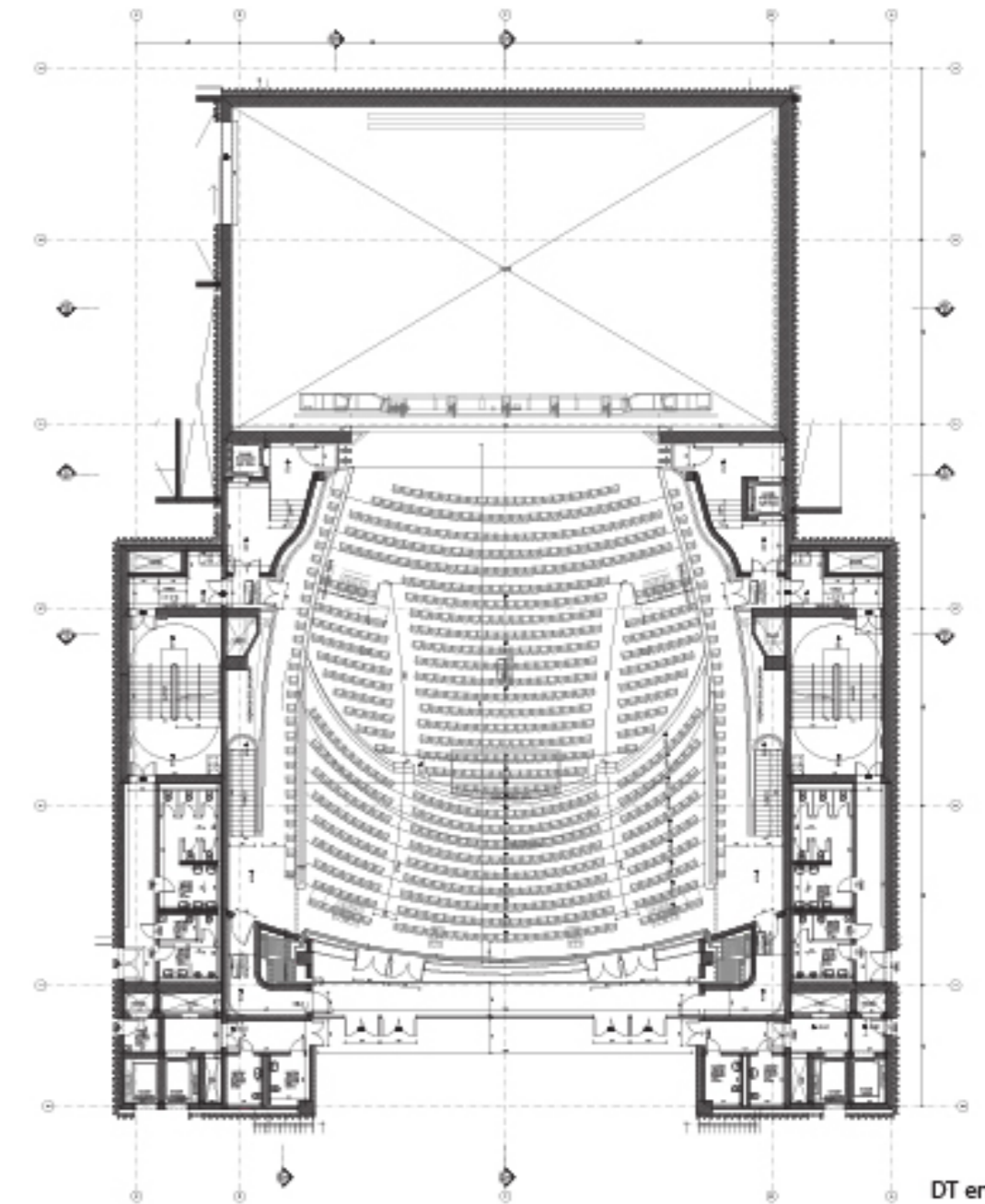
Capacity 1750

The main performance venues are nested within the network of interwoven slabs and anchor the building at three key locations, allowing the performances and their audience to activate the entire complex. The Dance Theatre is approached through a lobby that is on the same floor and leads directly

into the main seating level of the theatre. Inside the theatre, the straight building slabs turn into sweeping geometric curves to focus on the proscenium opening of the stage. Most seats face the stage frontally, allowing for the best view of the dancers and their performance.



DT section



DT entrance level

UNIVERSITY OF COPENHAGEN - PLANT SCIENCE CENTER

Copenhagen, Denmark, Invited Competition 2010

Partner: Dan Stubbergaard (COBE), Lars Bendrup (Transform)

Project Team: Eik Bjerregaard, Janine Tuechsen, Mans Nijkamp, Martin Boles (COBE), Merete Andersen, Laurent Temmerman, Ciara Mccurtin, Agnes Lodor (Transform), Patrick Blanc (vegetation wall design)

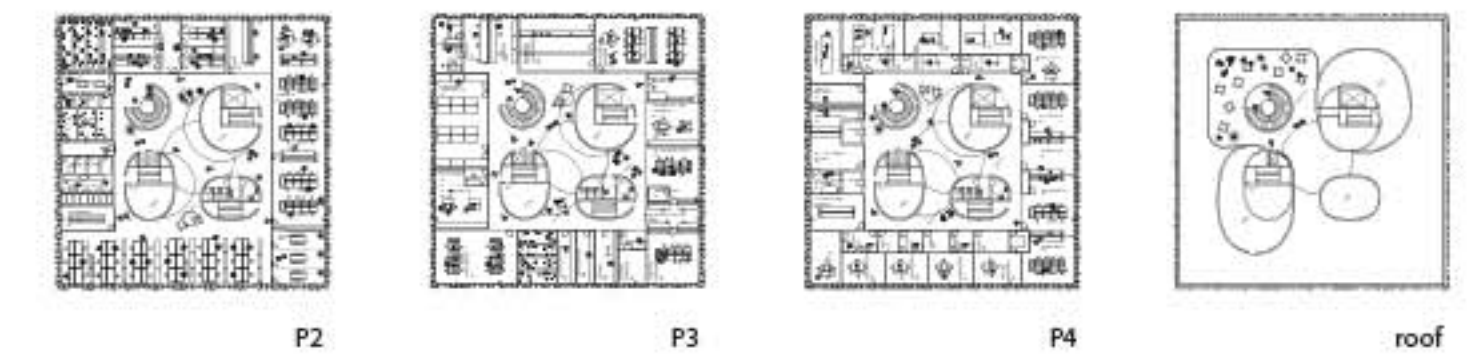
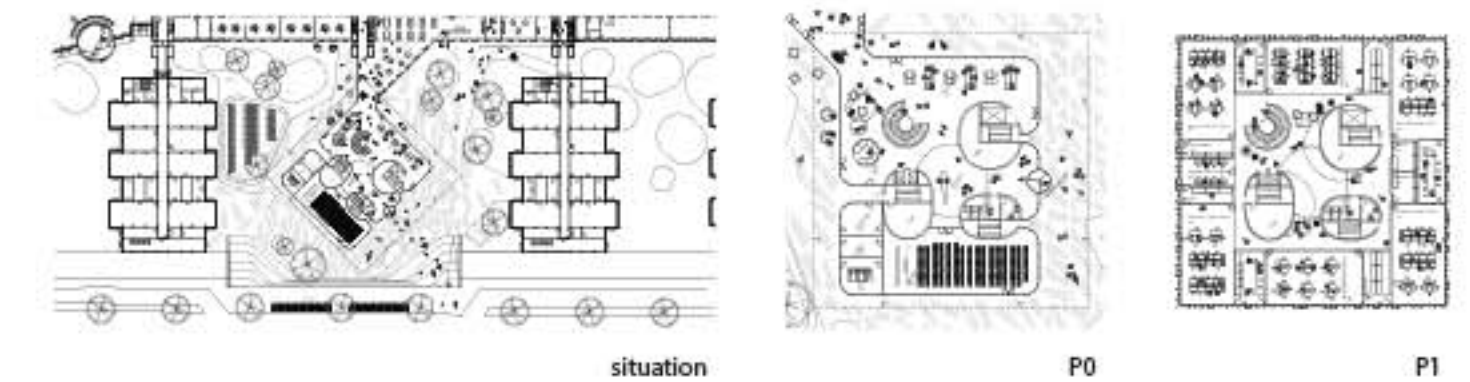
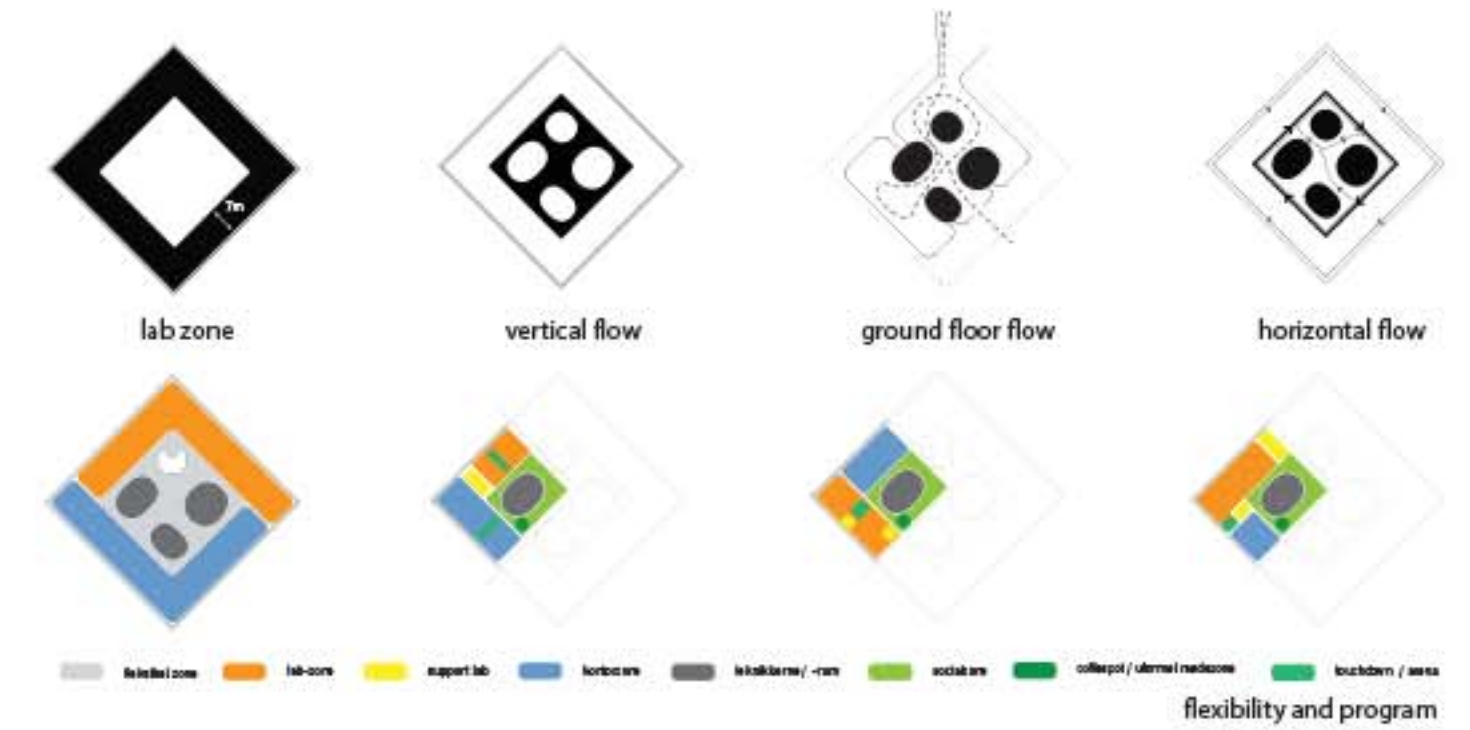
Copenhagen Plant Science Centre takes its starting point in the chain from earth to table with a focus on healthy food, energy, climate and environment. The Centre will form the framework for a further scientific strengthening of the course from basic research to industrial application of research into plants and biotechnology. Academically, the Centre will seek to integrate basic plant research, nanobioscience, microbiology and food science.

The Green Path runs through and along Frederiksberg Campus and will become a new access road to LIFE. The Path is reserved for cyclists and pedestrians, and it allows people to move through the city. Once The Green Path has been completed, cyclists will be able to move easily across the entire city from Lyngbyvej to Valby. The Path will run across Agade via a bridge, which will connect Nørrebro – and the Nørrebro Park in particular – with Frederiksberg.

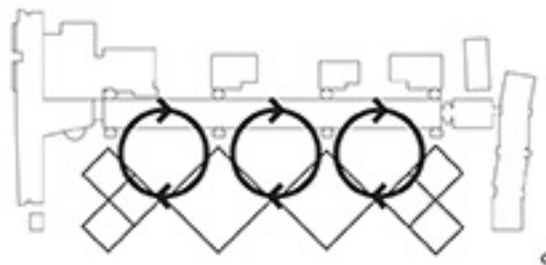
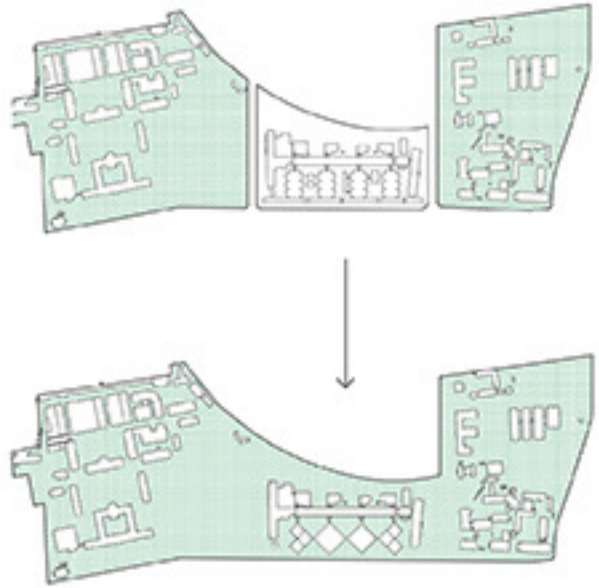
The competition objective consists of two elements:

a: Copenhagen Plant Science Centre, 6,825 m² of laboratory and teaching facilities.

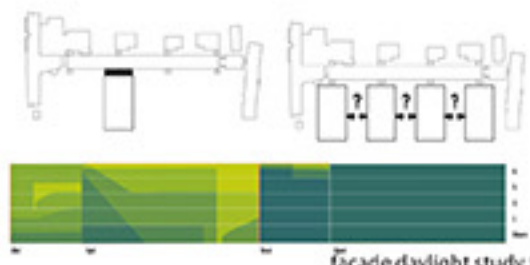
b: Master plan for the competition area with a total of approx. 25,000 m² newbuild, where an optional 5-8,000 m² laboratory and office building is to be located to the north of CPSC.



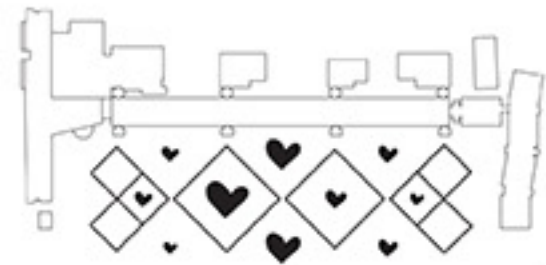
CPSC model 1:100



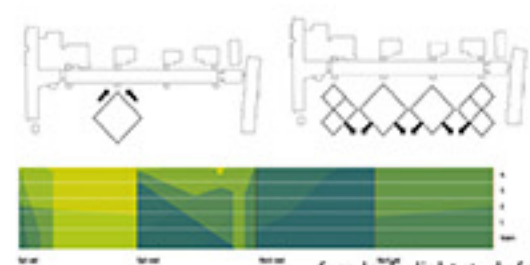
circulation



55% in shadow
facade daylight study for slab concept



activation



35% in shadow
facade daylight study for COBE concept



render by VISMO

render by VISMO

courtyard view

interior

TIANJIN - BINHAI HARBOUR

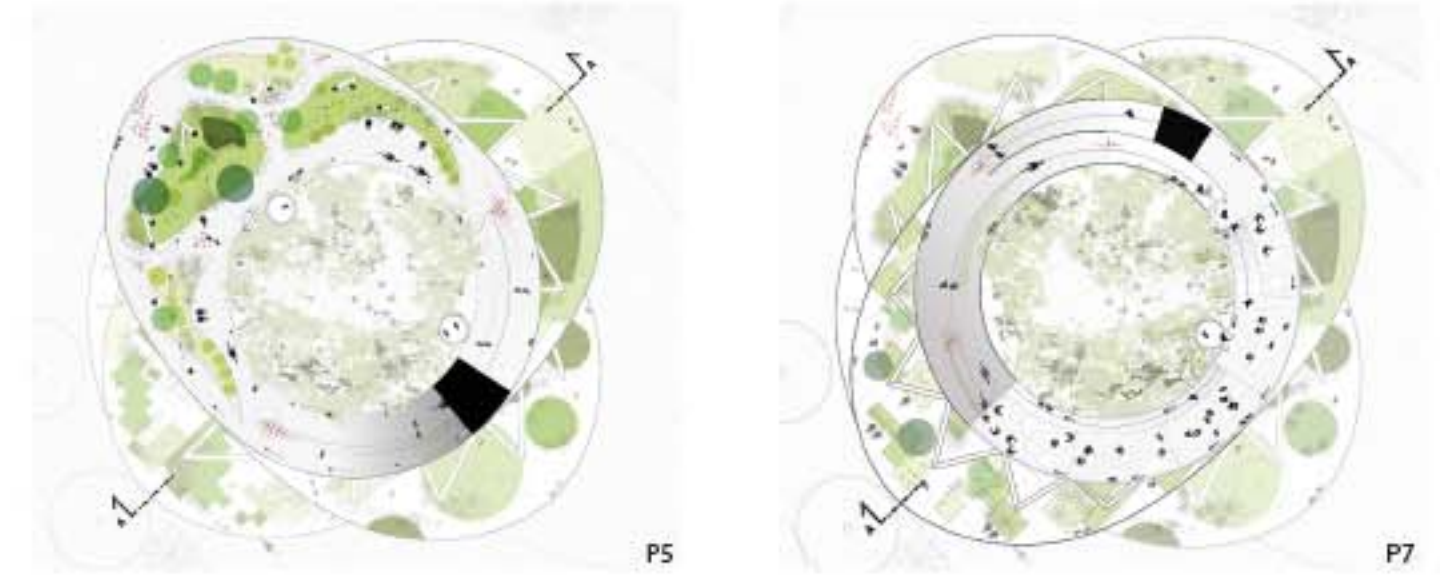
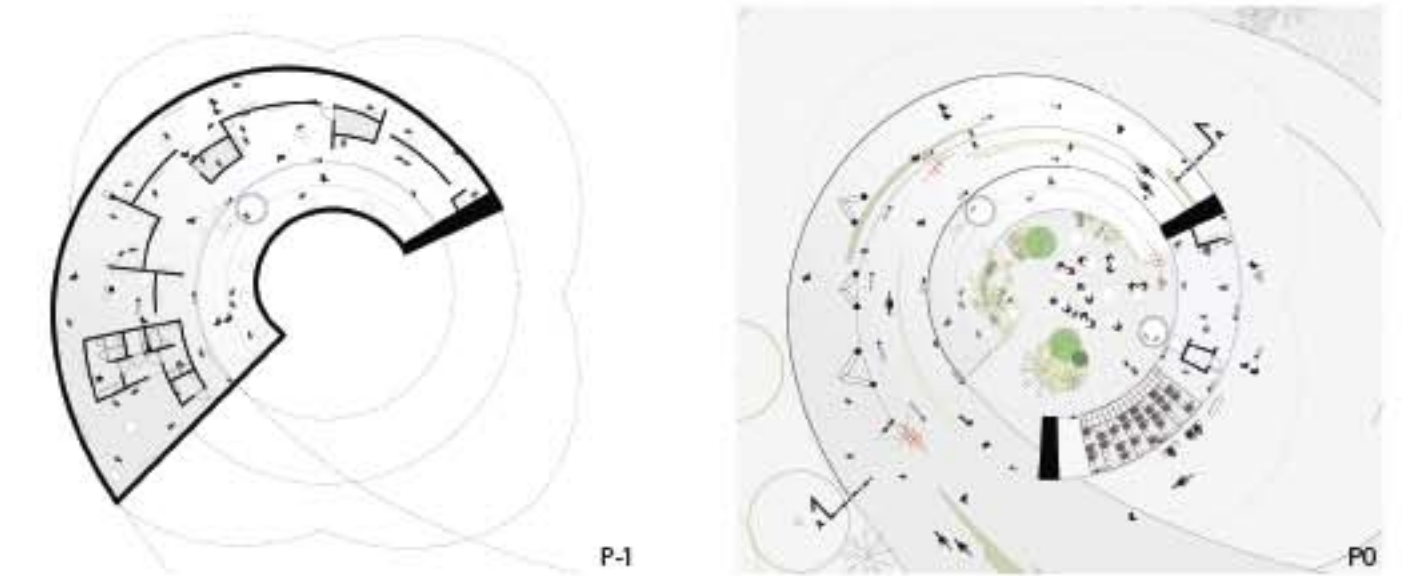
Tianjin, China, Invited Competition 2010 – WINNER

Partners: Dan Stubbergaard, Vanessa Carlow
 Project Team: Mads Birgens, Janine Tuechsen, Mans Nijkamp, Martin Boles, Mikkel Piki and local architects JINDA

Proposal is built on compact city model: a city where, once the workers, visitors, and residents have arrived, all amenities can be reached within five minutes walking distance - a five minute city. 5 minute city principle is embodied in the layout of the public traffic infrastructure, the light rail. Coming from south, and turning eastward, each south and north of the harbor, the light rail stops are arranged in a distance of 840 m from each other. This layout provides a splendid accessibility by public transport east of the north-south going highway.

The principles of the grid city combined with the 5 minute city, the 6 habitats (diverse landscape elements - valley with a river, hill, beach, park, floating islands, and the forest) and the green network together support a human scale city with green urban spaces, intimate streets, good conditions for sunlight - an open and friendly city for the people of Bin Hai New area, as well as the entire Tianjin region.

As a first building, there should be build a vertical garden representing future habitats as gardens on a different level of the helix shaped tower. In the first floor and basement, there will be a museum with a lecture hall showing development of the BINHAI zone. Top floor offers a view over the site towards the ocean.



METASHEMA - THE ADAPTABLE CITY

EUROPAN12 HEIDELBERG

Heidelberg, Germany, 2013

Project Team: Martin Boleš, Erika Bányayová, Pedro Pena, Daniel Zarhy

SHORTLISTED

The withdrawal of the US armed forces and NATO headquarters at the end of 2013 will create the opportunity for Heidelberg to convert the military site Campbell Barracks to civil use.

The Campbell barracks and the Mark Twain Village introduce a unique urban and architectural typology. We strive to preserve and enhance these qualities in order to transform the quarter into a mixed neighbourhood for small business, services and cultural/leisure activities with its own distinct identity and to have its own role in the city. In addition, we continue the communal effort to convert Römerstrasse from a traffic axis to an urban, walkable street, an urban link between Weststadt and Rohrbach.

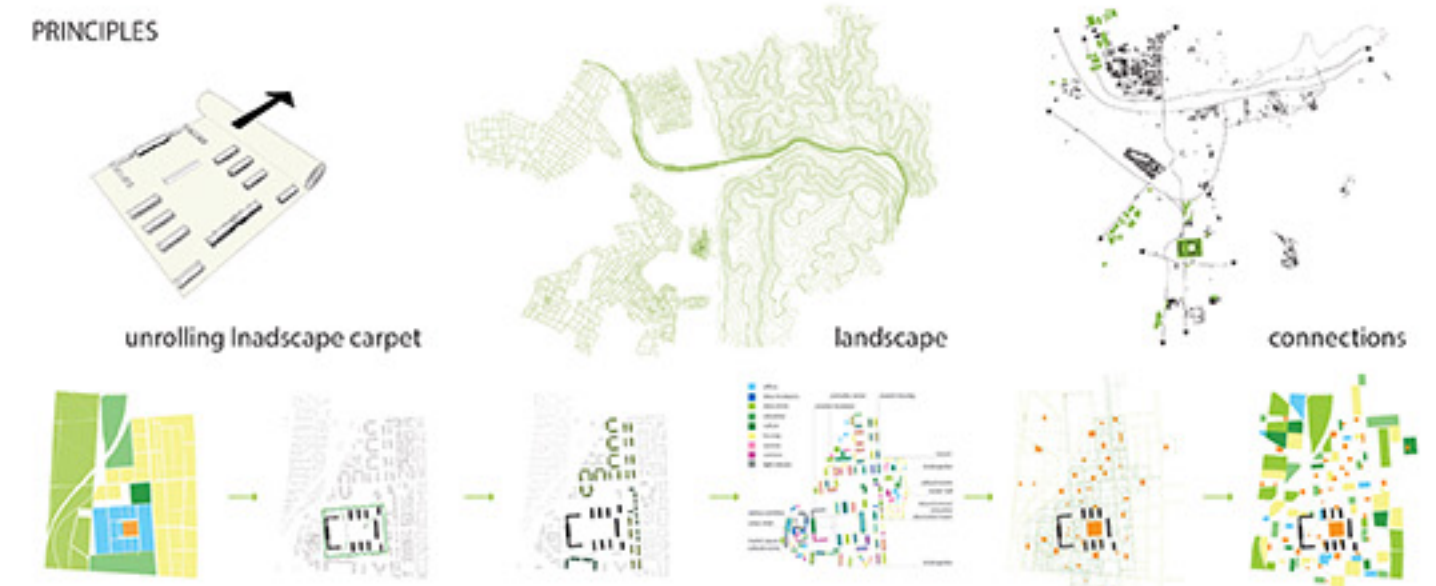
We propose a new way of urban thinking – we deploy a “landscape carpet” that joins and unifies the different free standing buildings. It is imagined as an uneven grid of programs, activities as well as a possibility for future potential developments. It performs not only in the ground plane but also modifies it three dimensionally. The landscape carpet allows us to stitch the different urban textures together, to facilitate access to the site through Römerstrasse, to connect to Rheinstrasse and to define a diverse array of public programs in the site.

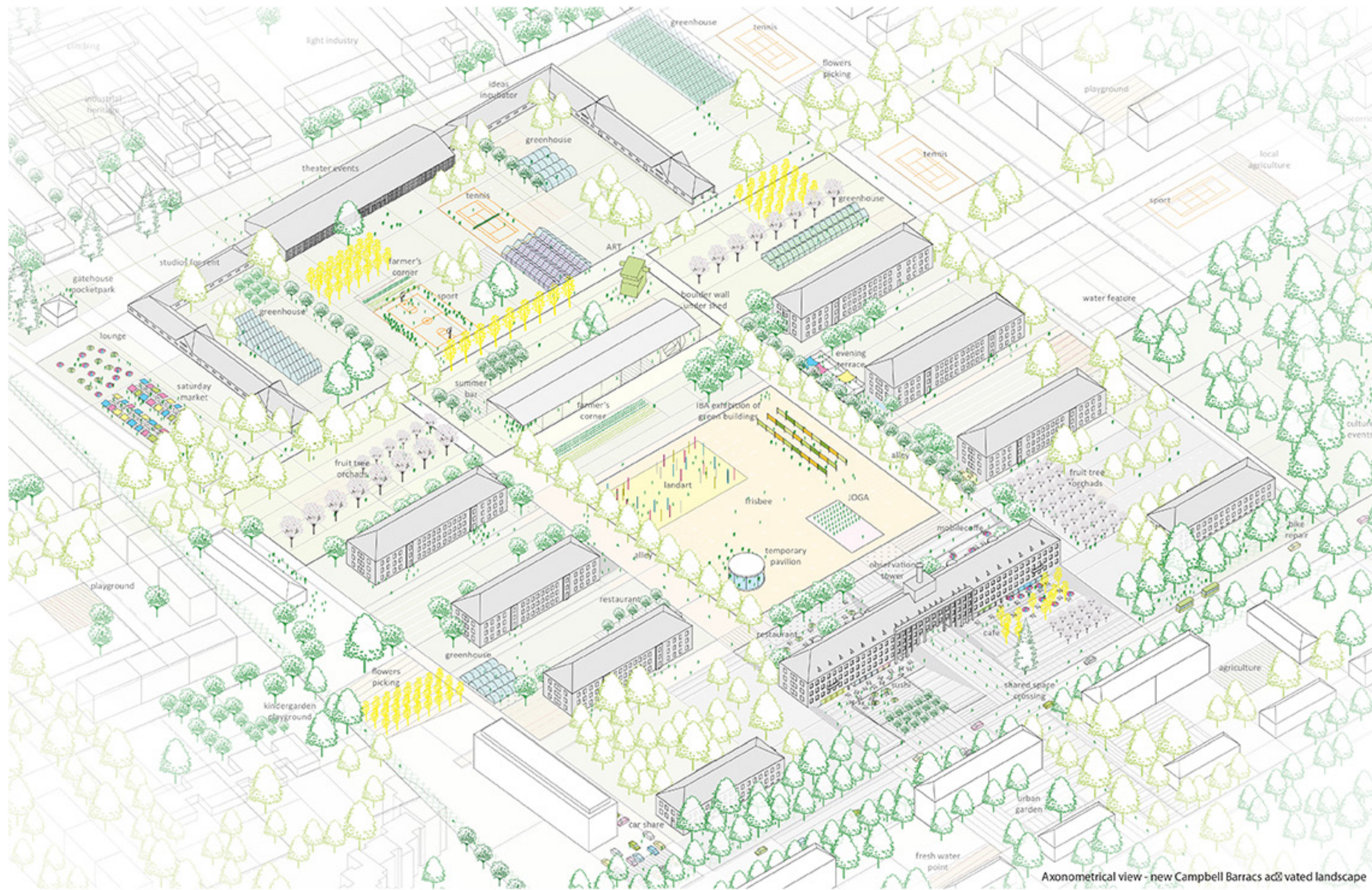
With the “landscape carpet” strategy, we suggest to adapt the barracks to current and future needs. Rather than creating a prominent architecture that forces a new identity and closes options as it obliges a choice we create a new kind of urbanism – one that is generous and democratic.



View from old stables

PRINCIPLES





Axonometrical view - new Campbell Barracks activated landscape



BINGO - BUILDING FRAGMENTS, EUROPA N12 BÆRUM

Bærum, Norway, 2013

Project Team: Martin Boleš, Erika Bányayová, Pedro Pena, Daniel Zarhy

Bærum site holds great opportunities and challenges - how can it be integrated in the greater Oslo region and in Sandvika and at the same time maintain a unique identity? How could we intervene in a post-industrial area? How could we re-program it to create a vital city? How can the site re-adapt to current and future needs?

We define three main areas, forming a gradient from the natural to the artificial. We propose to create a natural reserve on the eastern side, to rehabilitate the river banks and thus to preserve the natural area and biodiversity. Further west, the Hamang factory becomes the centre architectural piece of the site. We propose to demolish the later extension to the factory on its eastern side and to create a park that can accommodate different temporary programs (such as a summer pavilion, circus etc) and social events. On its other side we concentrate the new built volume, defining a new urban plaza that is defined by the new development, the Hamang factory and the office building and is stretching until the river.

We do not wish to create a new identity to the site but rather to crystallize and enhance the existing one: the mountains and nature on one hand and the industrial character of the buildings on the other. We start the architectural operation from a volume of an industrial building - one that is completing the urban composition with the Hamang factory, the office building and the river.



NORDHAVNEN - TRANSFORMATION OF OLD DOCKS

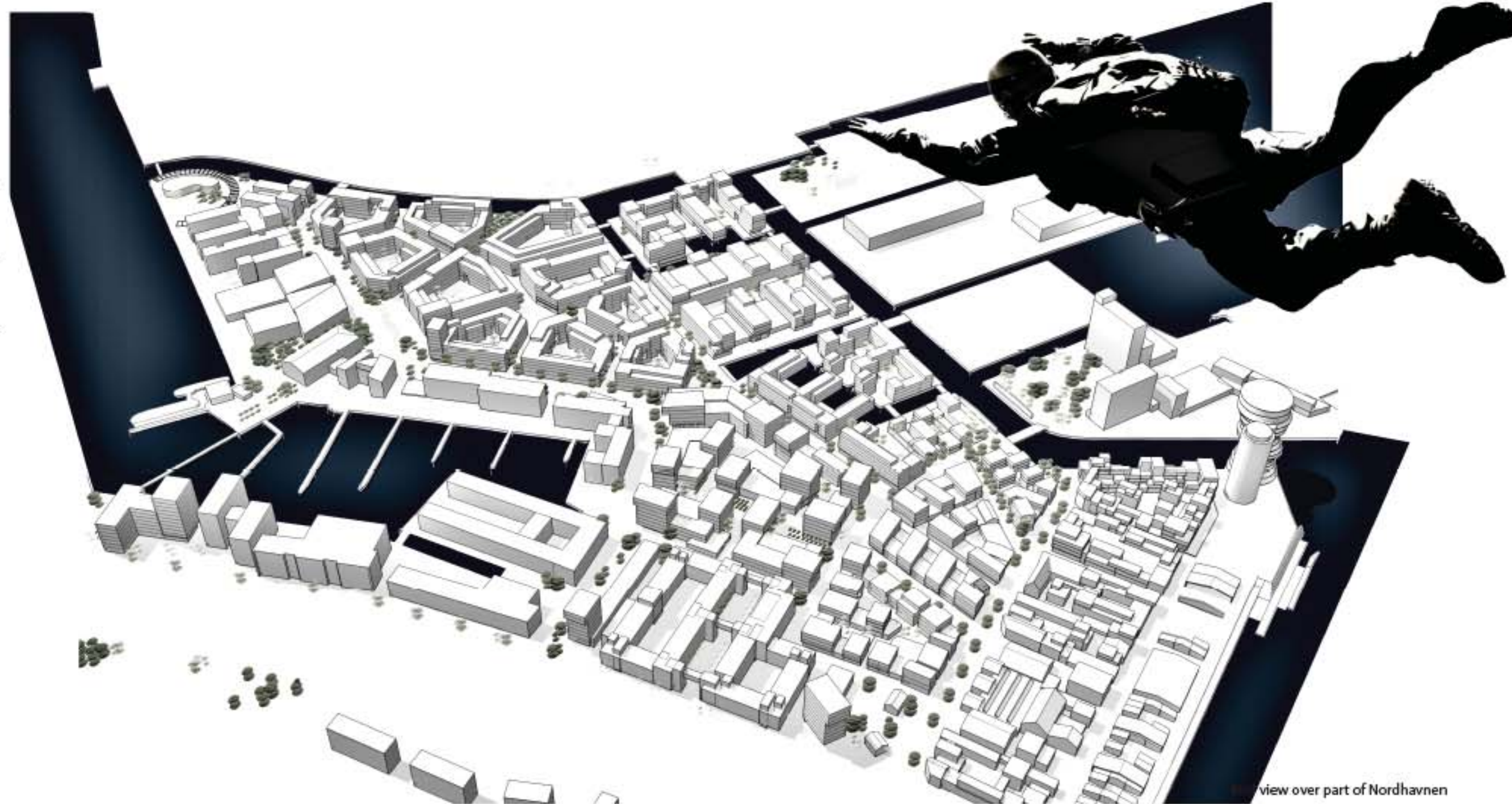
Copenhagen, Denmark, Diploma Project 2010

Teachers: Prof. Jens Kvorning, Henning Stuben (KARCH), Lubica Vitkova (STUBA)
Cooperation: Erika Banyayova

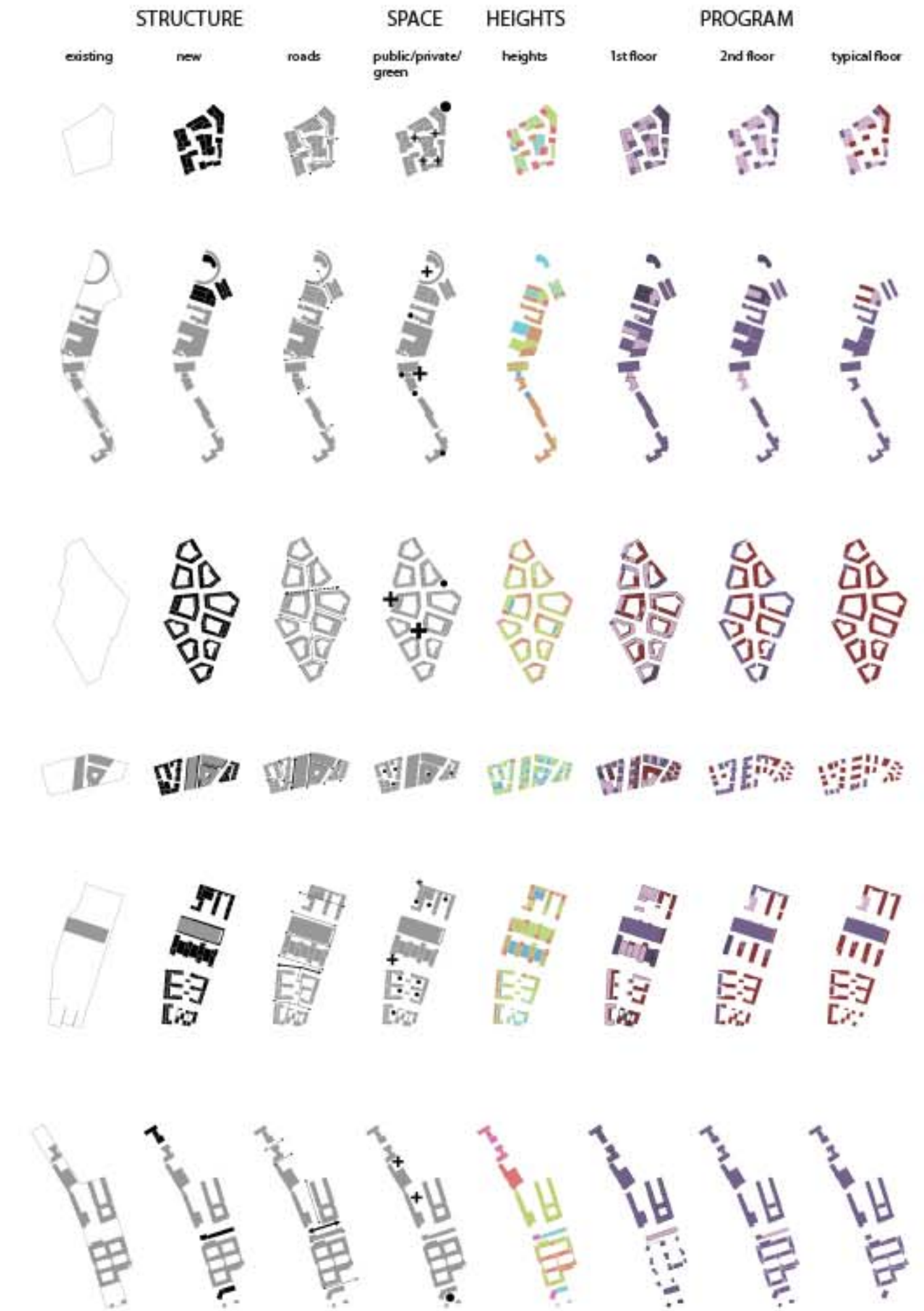
The vision of Nordhavn as a city district with sustainable mobility includes an objective of making bicycles and public transport natural choices.

Efficient public transport system and a fine-meshed grid of cycle routes and footpaths would link city districts and urban spaces. City should be friendly for people, pedestrians and cyclists, friendly for an ecosystem. An area with water on three sides such as the Nordhavn area is unique and represents an amenity value with an enormous potential. Water becomes a place for recreation in the summer as well in winter on an ice. It offers accommodation, work, fun and relax. Narrow streets offer meetings, rest and work for people.

4600 people lives in the city, the same amount is working here. Six different types of built-up area with different atmosphere and life are designed. Social sustainability, expressed as social diversity and versatile urban life that can generate a common identity and a basis for a safe, secure and well-functioning city district, emerges in a synergy of many subsets - including varied buildings, a broad spectrum of urban spaces, room, attractive sport and cultural activities, opportunities for self-realisation, function localisation and the content of functions. Area is unified with 5 up to six average structure of buildings with towers, as in old city center. In that way, Nordhavn will be a new part of Copenhagen city.



view over part of Nordhavn





Detailed area sections - cooperation with Erika Baynayova



Detailed area plan - cooperation with Erika Baynayova



Detailed area - views

FILM ACADEMY AND HOUSE FOR DIRECTOR JOAO BOTELHO

Lisboa, Portugal, School Project 2008/09

Teachers: Carlos Lampreia, Prof. Alberto Oliveira

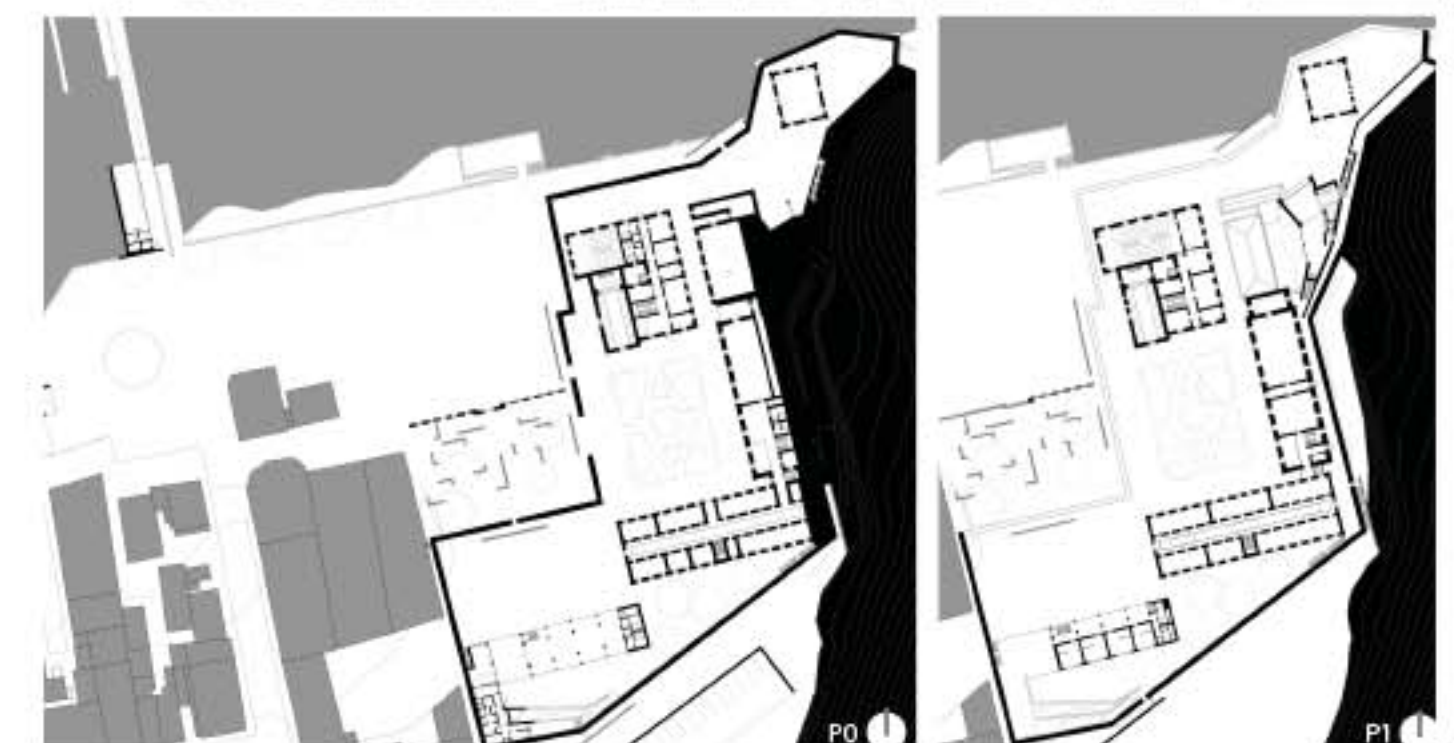
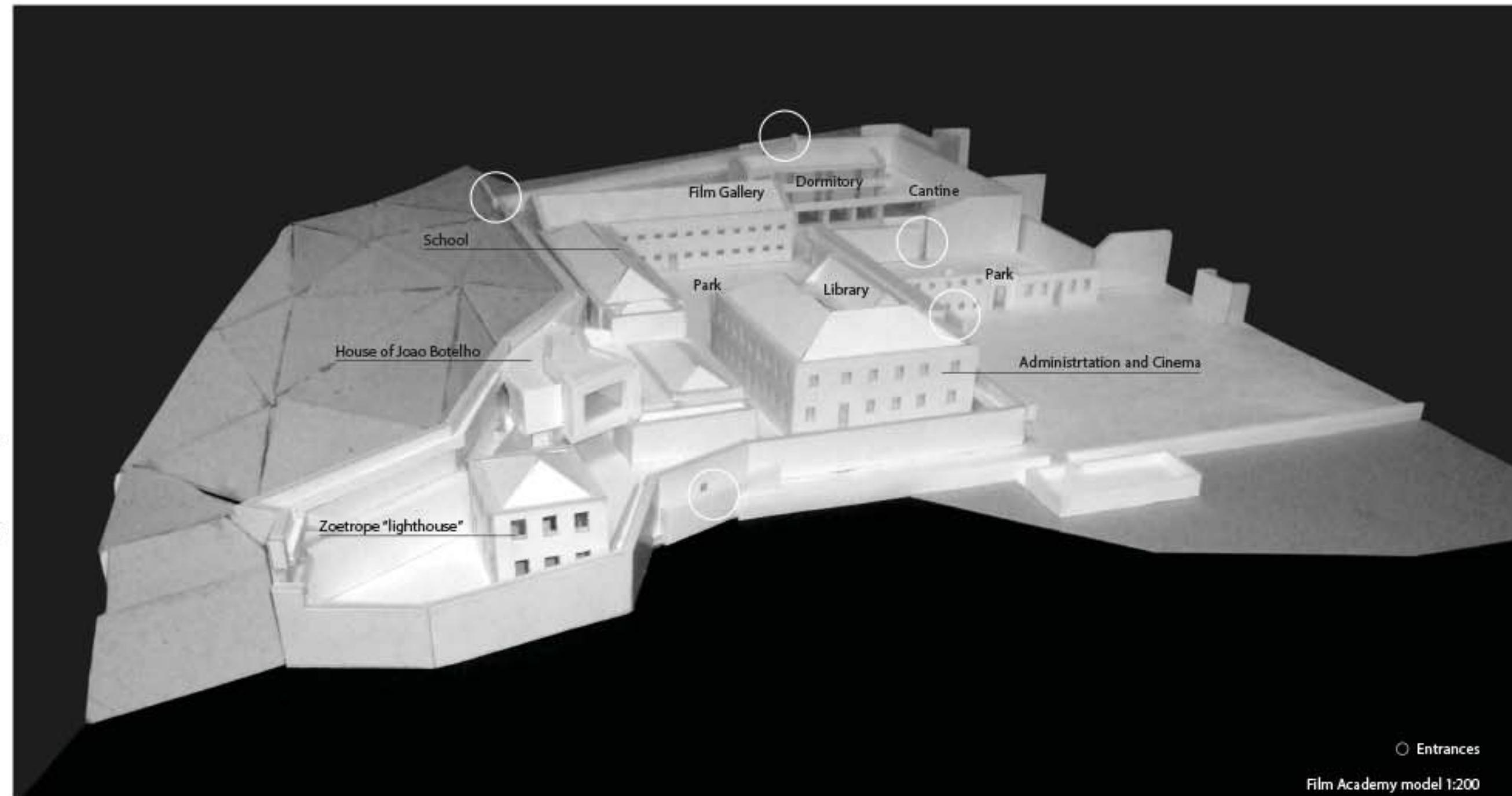
"My students should be prisoned in the school to be concentrated on work"
Joao Botelho, director

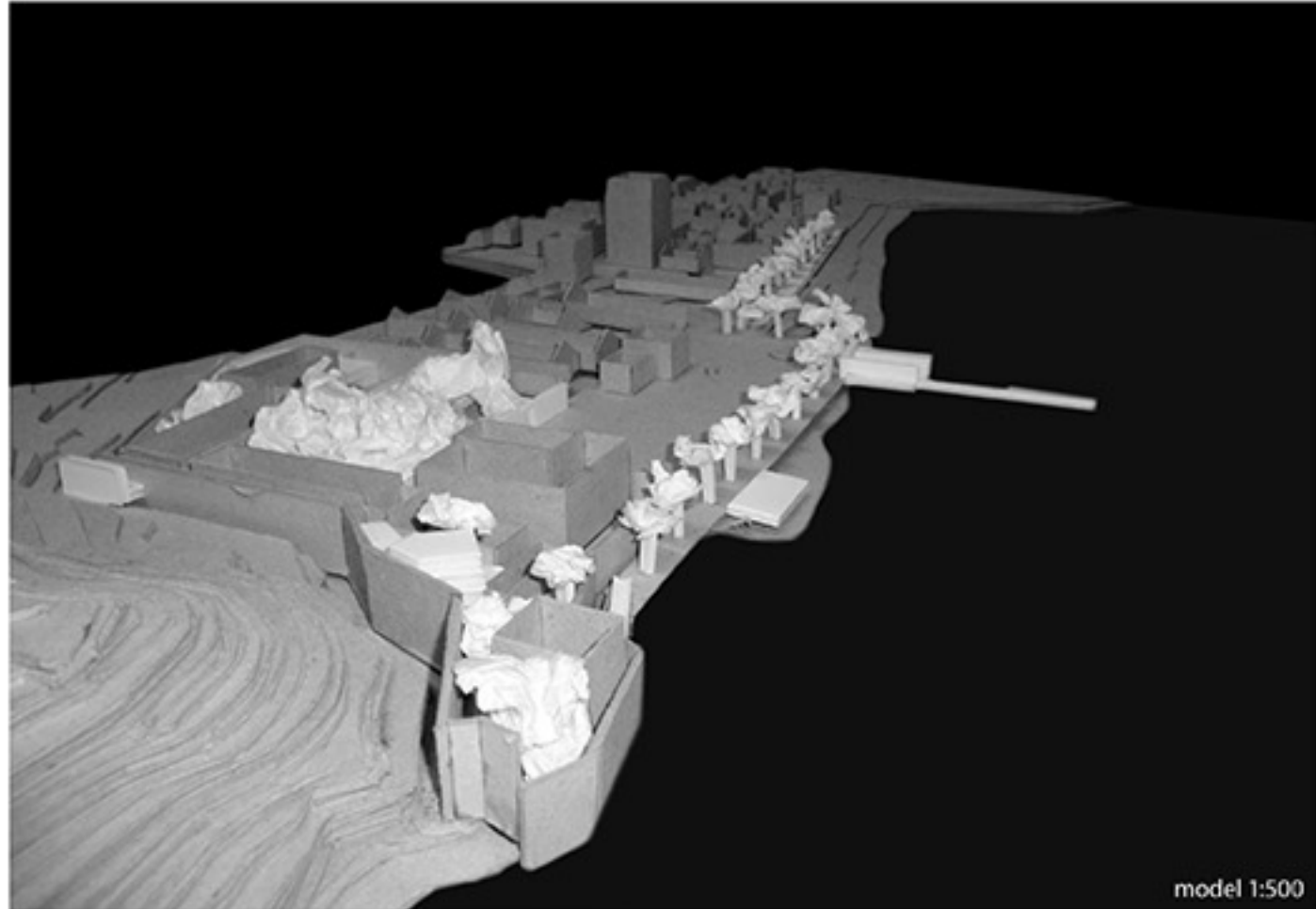
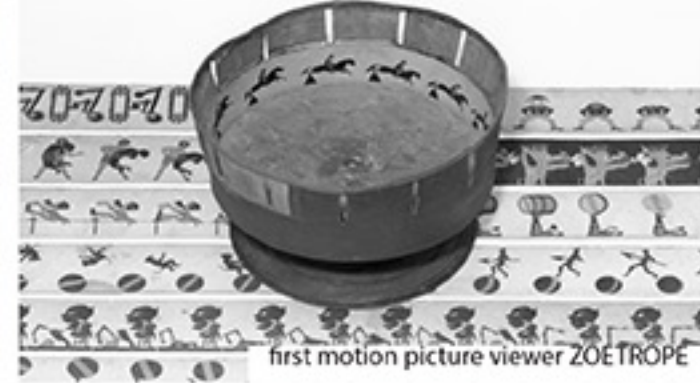
Site is located in southern bank of the river Tejo in Traffaria - Lisboa. Right next to the ferry station, it has very good connection with a city. Former prison should be transformed into Film Academy directed by famous portuguese director Joao Botelho. As part of the campus, there is a house for a director with a view to the industrial harbour and over the campus, with a small garden.

Former guards galleries are transformed into path running around the whole campus. Wall is dividing a campus from traffaria and it is perforated with entrances providing connections. All entrances are hidden behind other walls and wall became to be a kind of a door. Wall is also providing different activities and director's house is also growing from a wall.

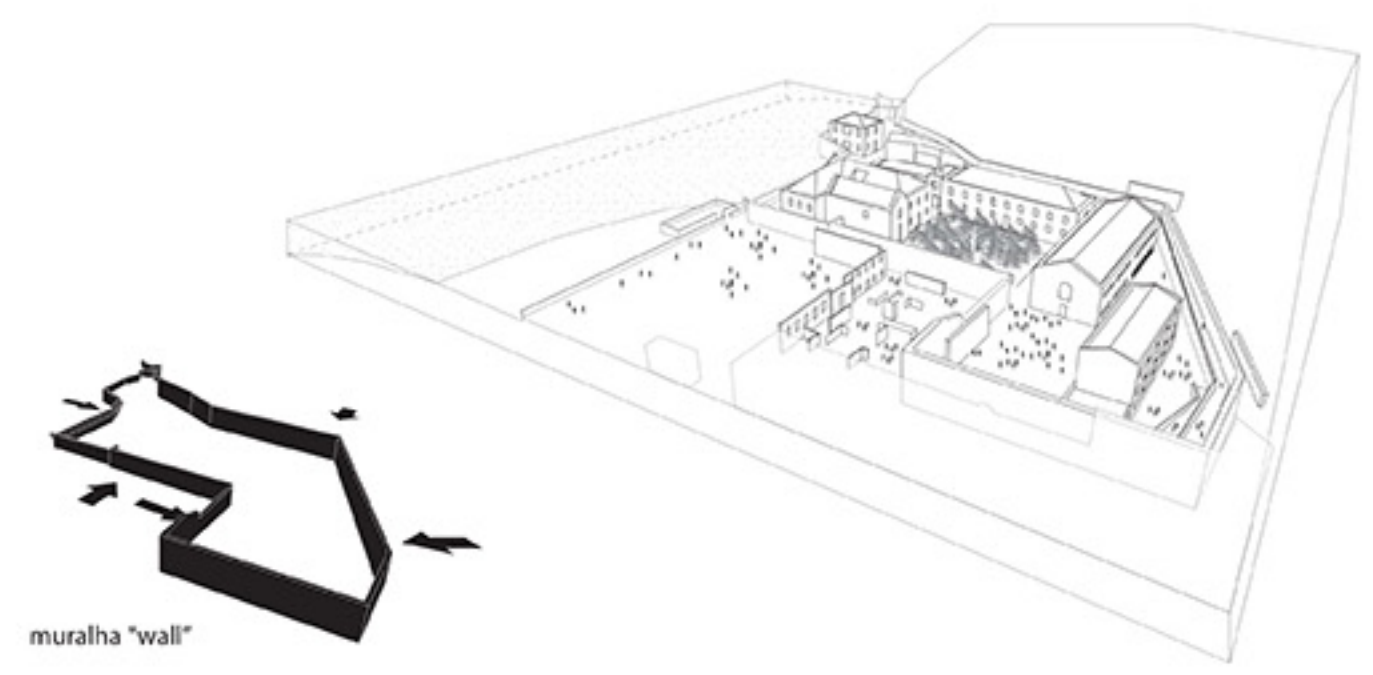
Southern entrance is designed to provide no-barrier connection to campus from parking. Inside is connected from out by a park as well.

Project was designed after many talks with Joao Botelho.

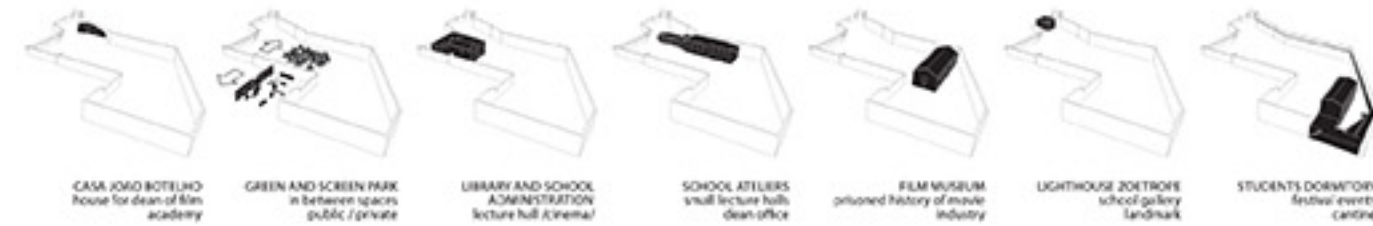




model 1:500



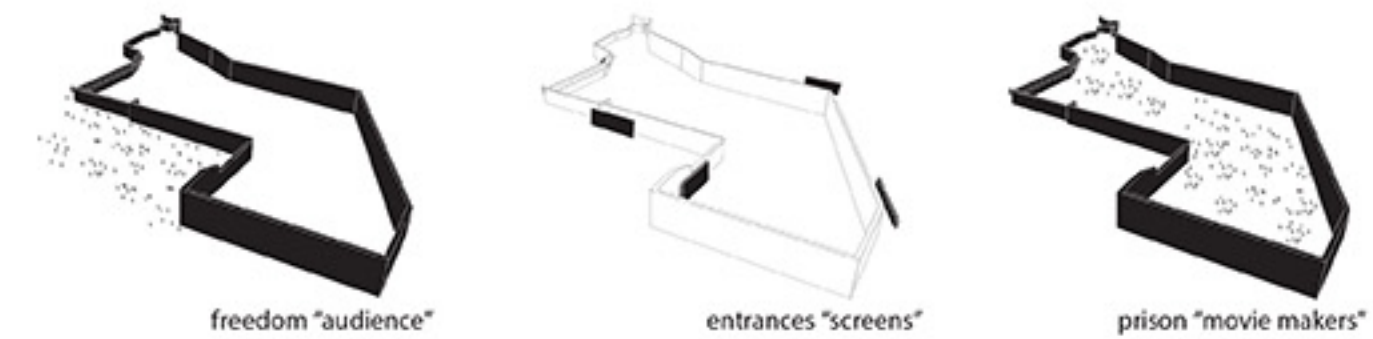
muralha "wall"



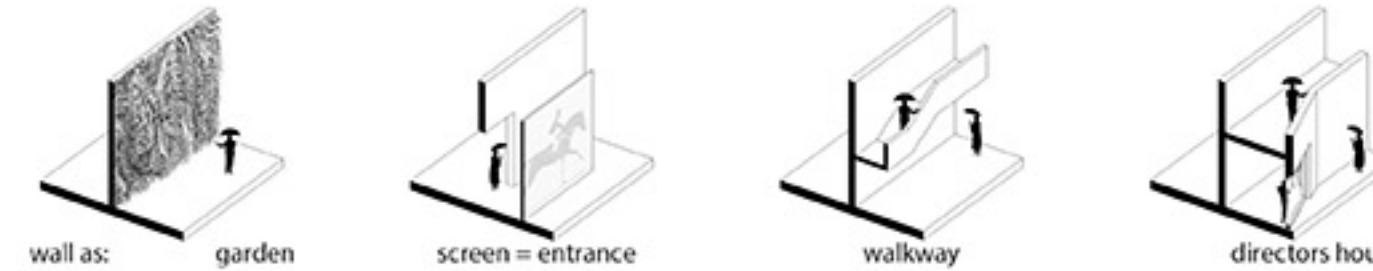
CASA JOAO BOTELHO house for dean of film academy
 GREEN AND SCREEN PARK in between spaces public / private
 LIBRARY AND SCHOOL ADMINISTRATION lecture hall / cinema
 SCHOOL ATTILERS small lecture halls dean office
 FILM MUSEUM prisoned history of movie industry
 LIGHTHOUSE ZOETROPE school gallery landmark
 STUDENTS DORMITORY festival events centre



movie as prisoner
 audience screen movie makers idea



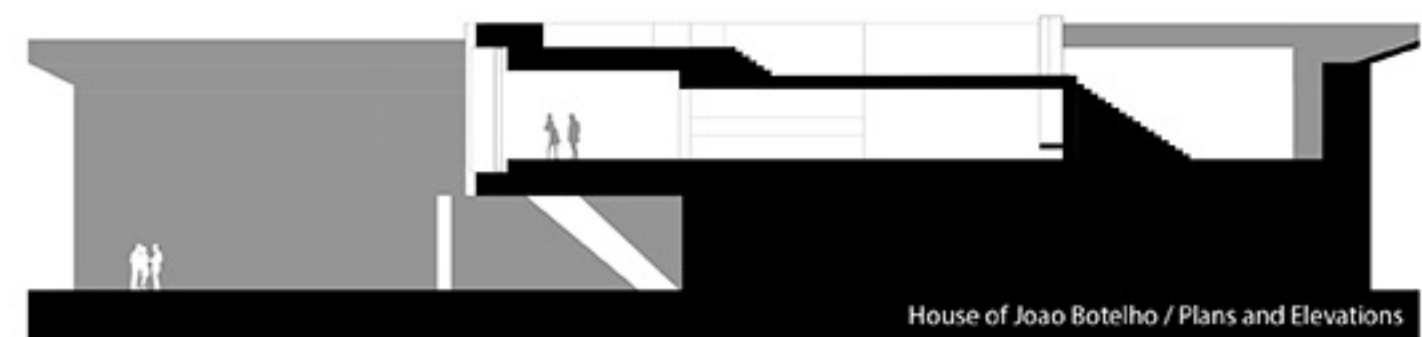
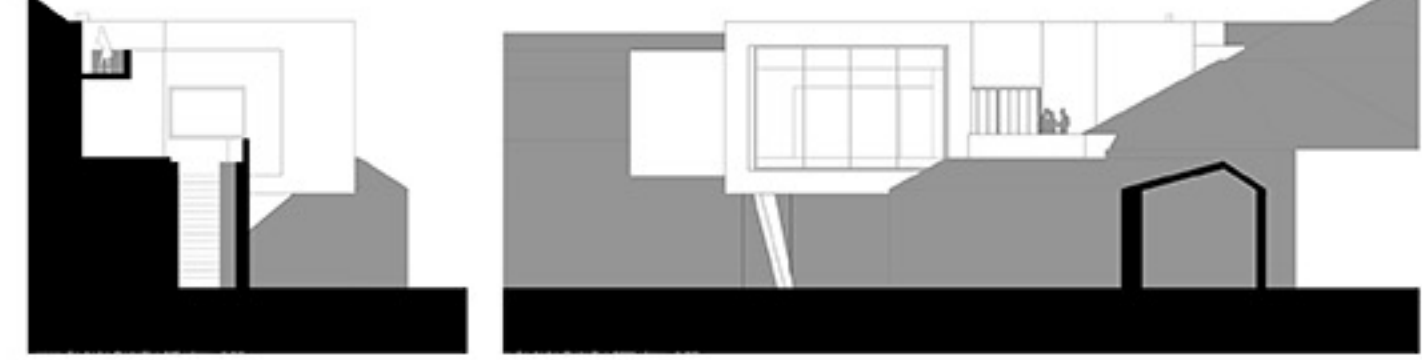
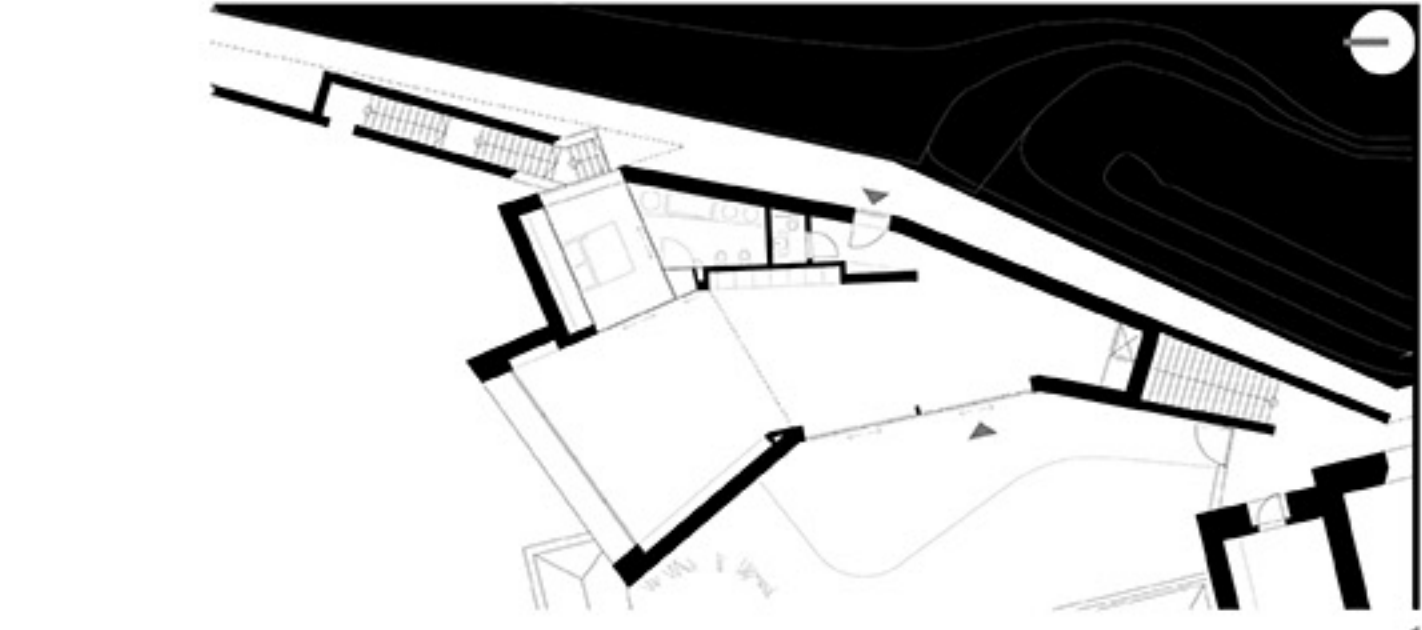
freedom "audience" entrances "screens" prison "movie makers"



wall as: garden screen = entrance walkway directors house



east elevation/section



House of Joao Botelho / Plans and Elevations

TECHNICAL MUSEUM OF PUCH INDUSTRIES

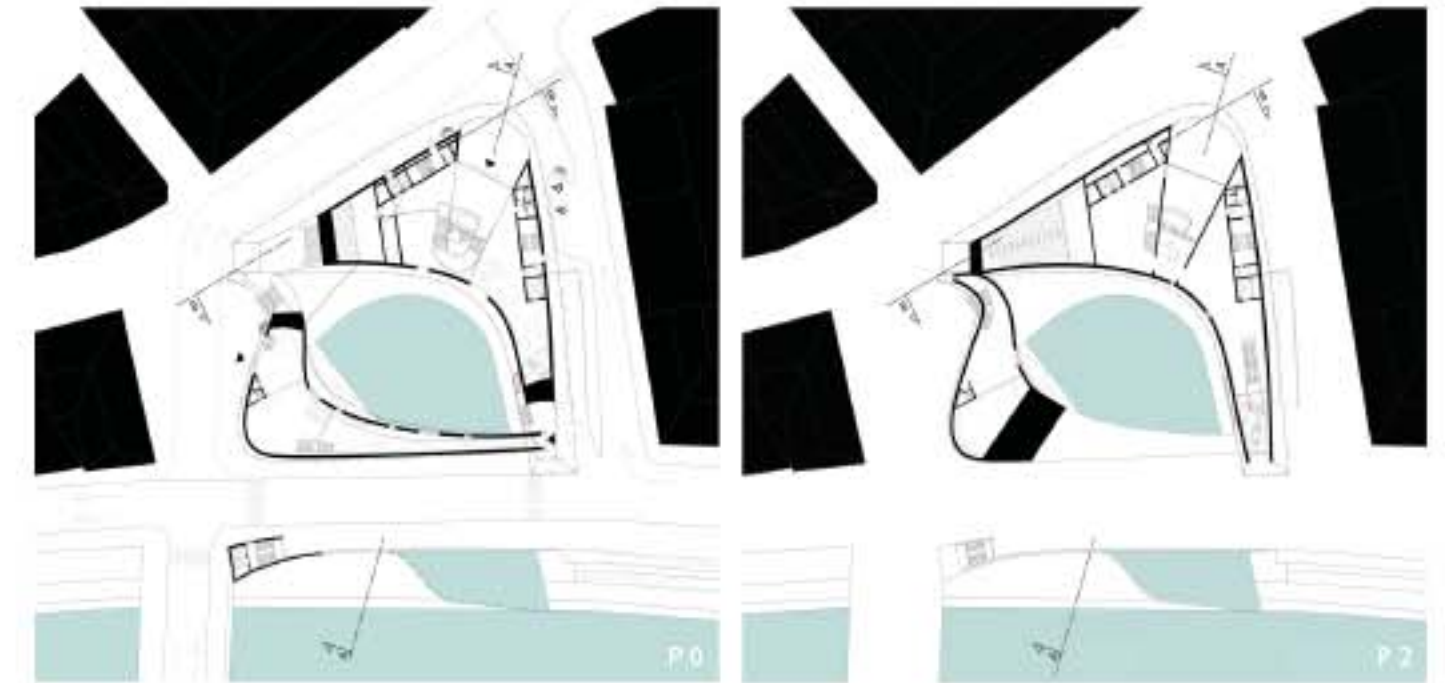
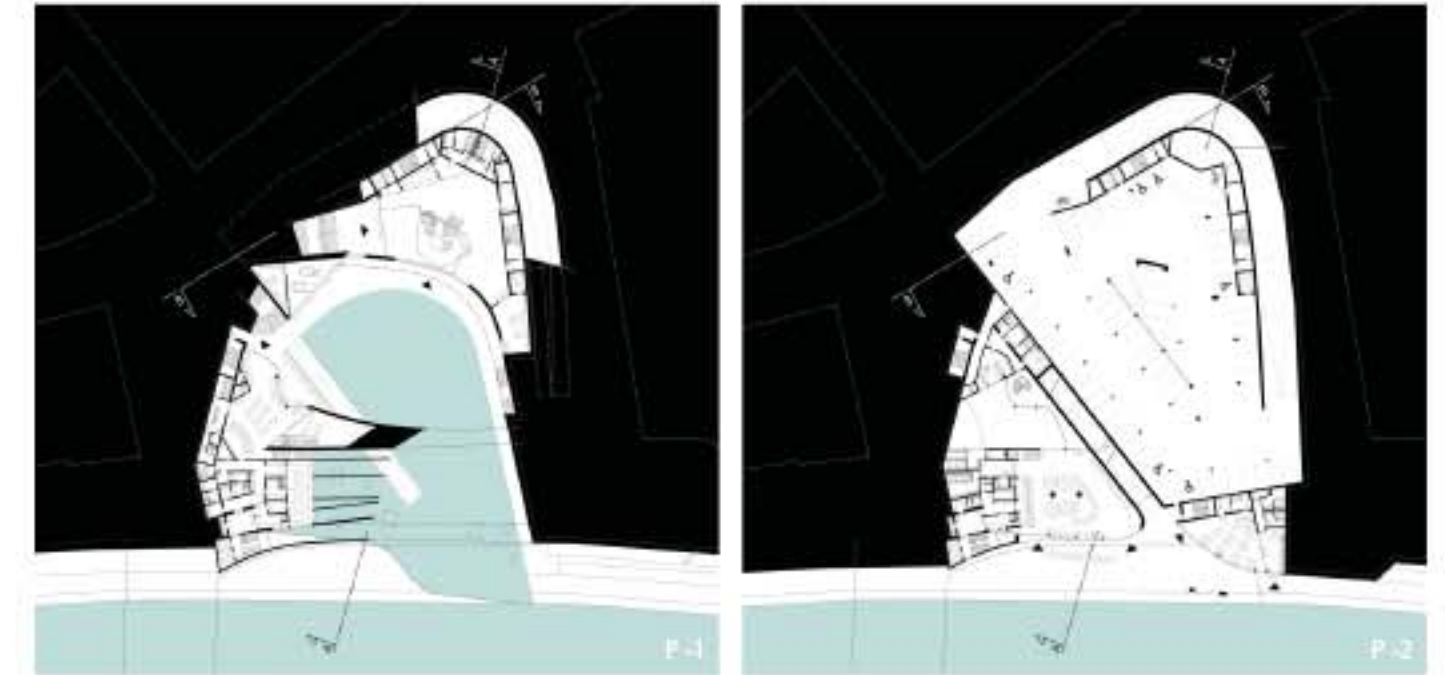
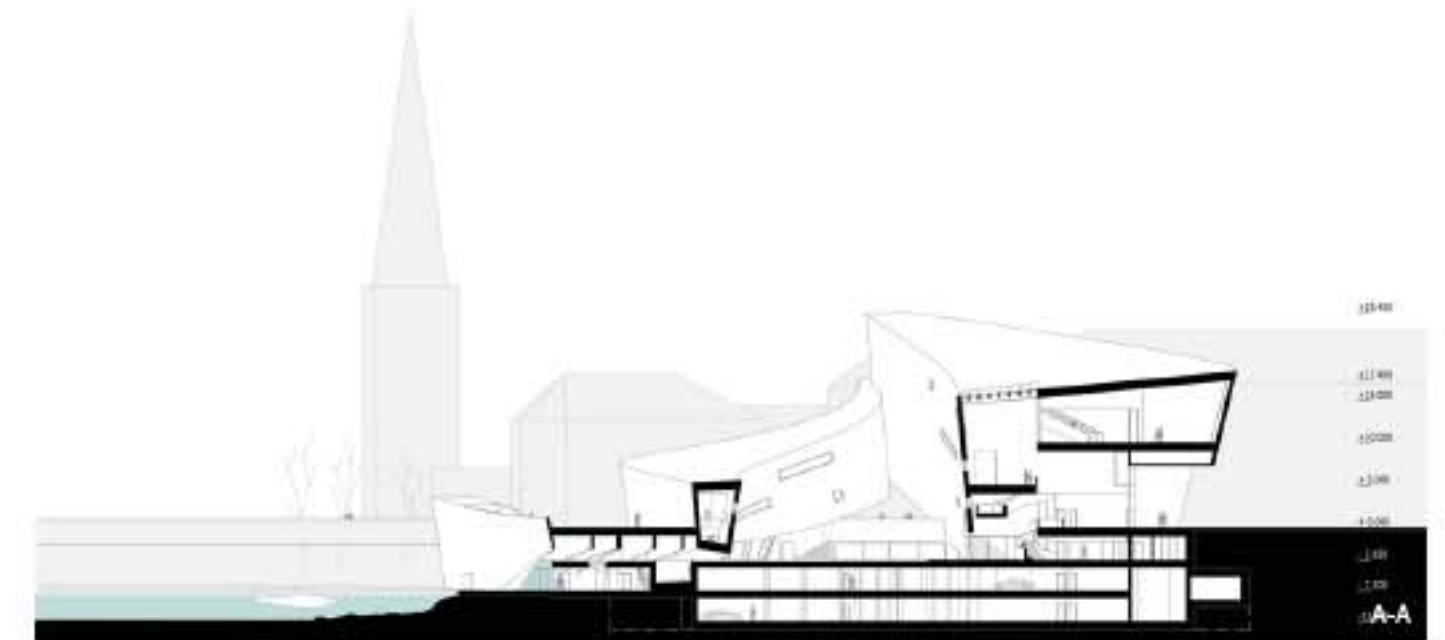
Graz, Austria, School Project 2009

Teacher: Prof. Wolfgang Dokonal
Collaboration: Erika Banyayova

History of Graz is closely related to industry of PUCH cars and motorcycles. After built of Kunsthaus Graz on the Western side of river Mur by Peter Cook, some more places started to be rethinks. Andreas Hofer Platz on the Eastern part of Mur offers very strategic location in relation to the city, Landesmuseum Joanneum and river Mur.

New configuration of two forms opens direct connection to a river through the courtyard with water basin. Size of the building is related to surrounding and not trying to invade the space. As well it is scaling down to river. Bigger of two buildings will offer areas for Puch museum and other part will be open for a diverse exhibitions. Part that is close to the water is occupied by restaurant and small workshop. Restaurant is directly connected to bike lane connecting city center with favourite nature on the South of a city.

Big windows are like a telescope with a view to an important places in the city. It brings new attractiveness to old town buildings.



ART INSTALATIONS IN GRAZ, LUNZ AM SEE AND WIEN

Graz, Lunz am See, Wien, Austria, 2009

Teacher: Prof. Hans Kuppelwieser

Collaboration: Erika Banyayova

As part of 3 different art workshops, different instalations were exhibited in Austria.

Don't Look Now, 5 min.

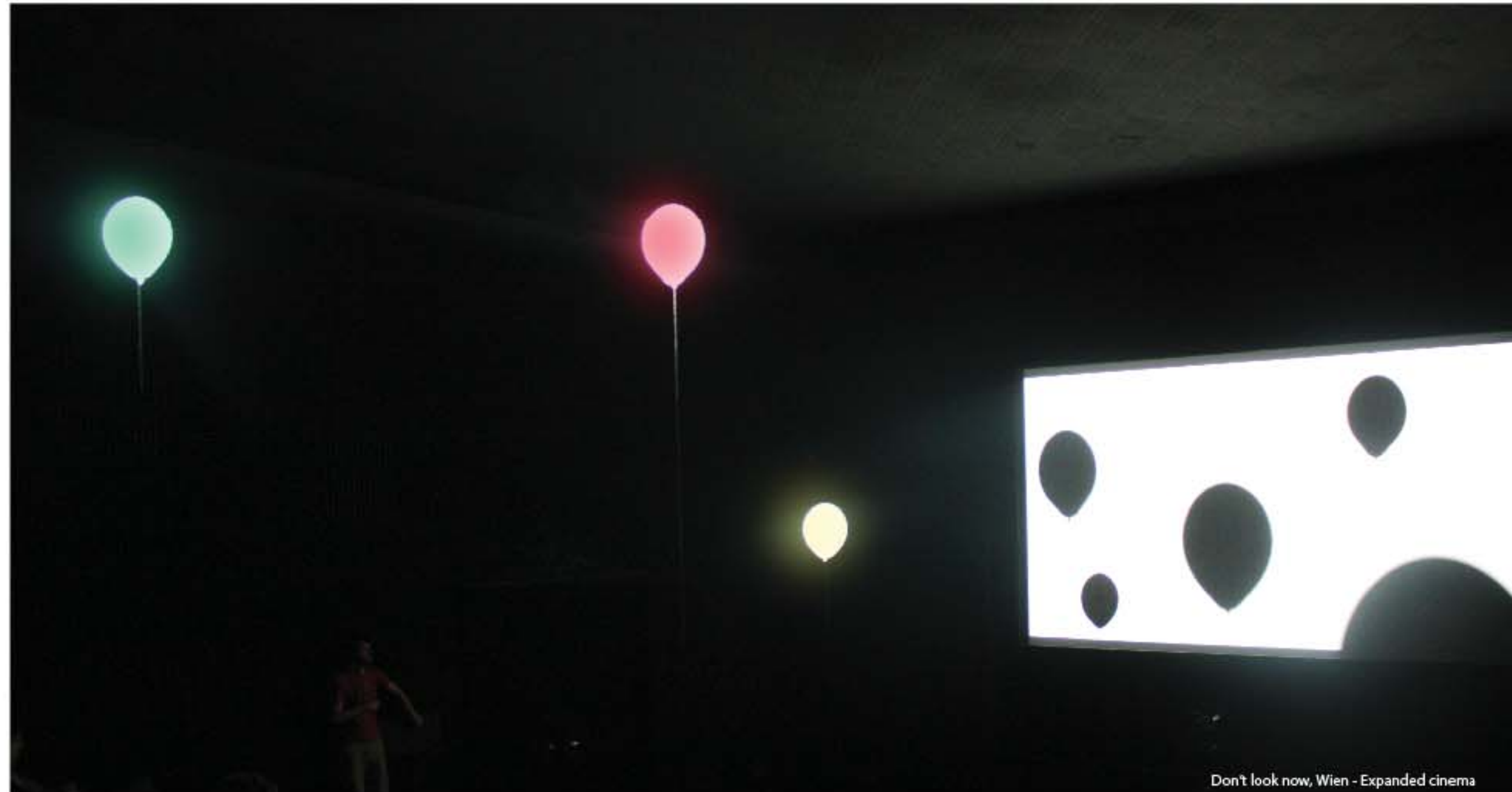
Project was closely related to Architekture and Film. Final exhibition was instaled in Invisible cinema in Wien and goal was to expand a cinema. Invisible cinema was ideal space to show it's space by projecting into 5 baloons and on the screen. Different colours were projected on baloons and black circles on the screen so in the end it was just black dots on the screen visible. Space was experienced by light reflected from baloons

Homage to Olafur Eliasson

Temporary instalation of lights should remind Eliasson's work with light. As part of Lichtgestaltung, insalation was exhibited at TU Graz. 3 spot lights with blue folie was lightning mirror that was exposed to water drops from bottles above it to create impression of moon like image where everything was in motion.

Aggregatzustand - Amoeba island

Land art exhibition took part in Lunz am See during the whole summer of 2009. Exhibition was organized by TU Graz in collaboration with Wasserkuster Lunz, research center for water organisms. Goal was to remind people huge variety of organisms that are part of water. Living island was created in the middle of lake in Lunz from old wood benches and anchored on the bottom of the lake. It was offering habitat for animals around a lake as well.



Don't look now, Wien - Expanded cinema



Aggregatzustand - Amoeba island



Homage to Olafur Eliasson

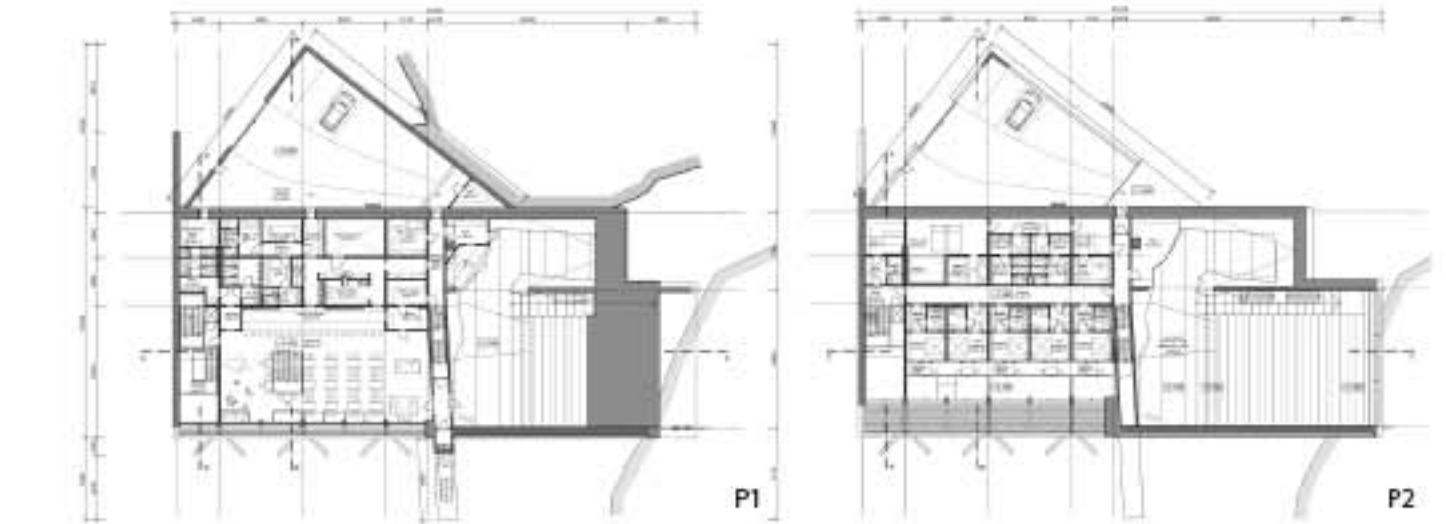
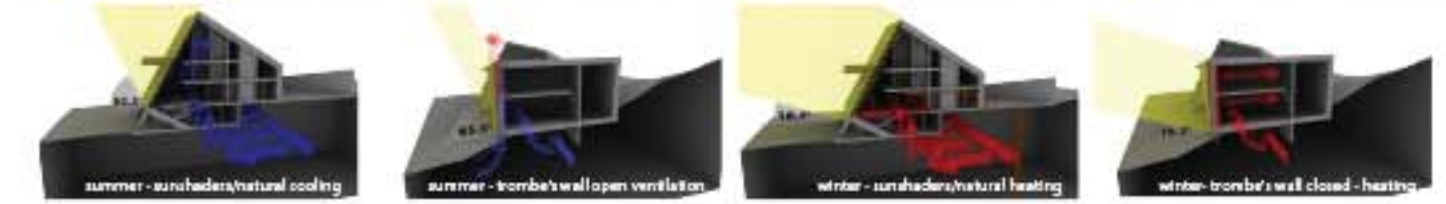
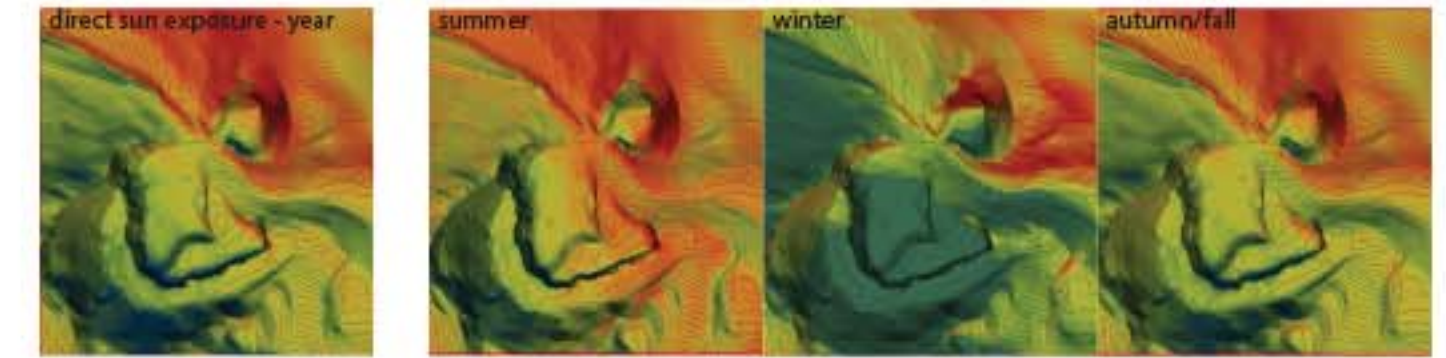
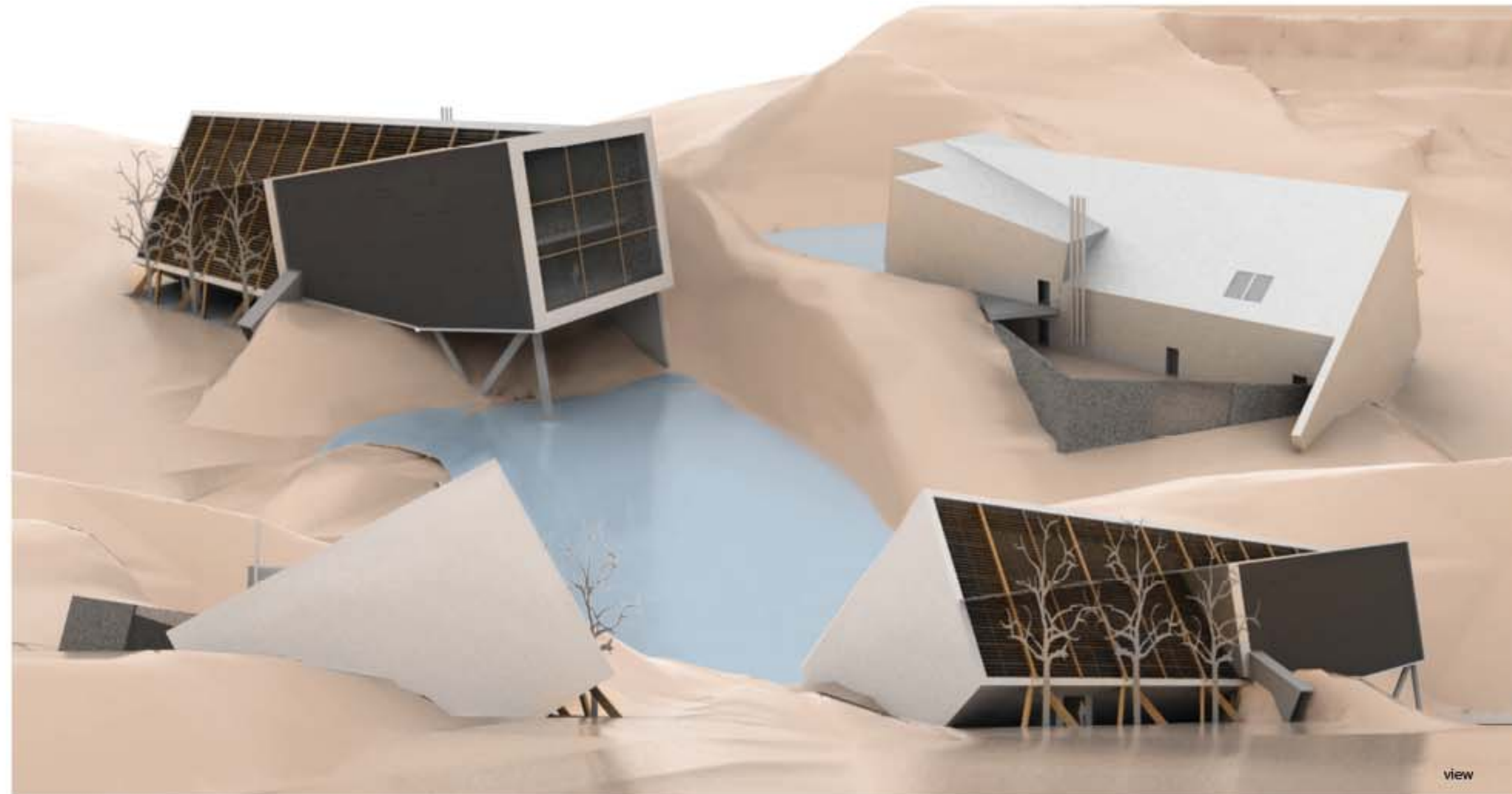
CONGRESS CENTER IN OLD QUARRY

Mariánka - Bratislava, Slovakia, School Project 2007

Teacher: Prof. Julian Keppl

Quarry in Mariánka, near to Bratislava is couple of years non active. It always attracts people from a city to spend their time in nature. Rocks as well attracts climbers to practice bouldering. In other hand any other services are not available yet. Project offers solution by providing hostel, restaurant, conference hall, spas, open cinema and indoor climbing walls.

Shaping of a project is comming from low energy requirements. Basic principles of orientation, screening, acumulation, natural heat radiation and cooling. As sustaiablbe principles, on southern facade screening is used to avoid sun to heat interior spaces. Trombe's wall principle is usedon the other part of a wall to heat interior spaces in winter. Buildingshould be part of low energy complex with museum of energy saving and live basic principles should be shown as part of architecture.



SLOVAK SHOOTING-SPORTS FEDERATION HEADQUARTER

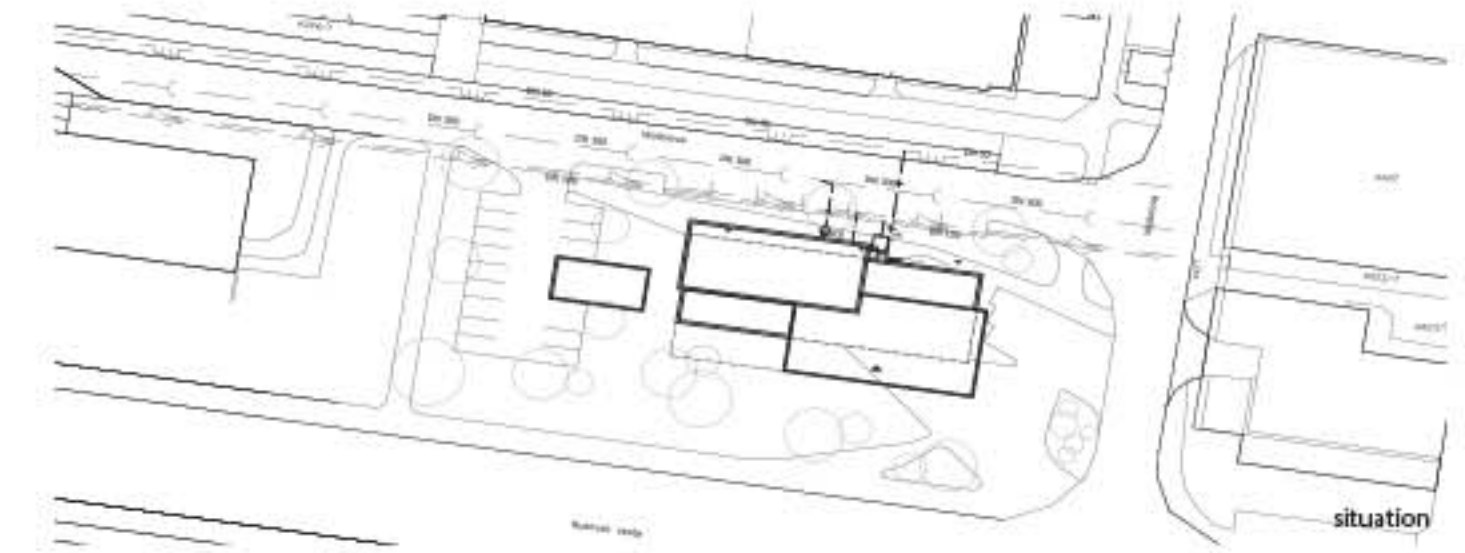
Bratislava, Slovakia, Bachelor Project 2008

Teacher: Doc. Ing. arch. Peter Csellagh

Shooting a sport has a big tradition in between Slovak individual sports. Last years it is even growing more and old headquarter is no more able to provide a quality required. As a wish of current president of Slovak Shooting Federation, all shooting sports deserve one headquarter.

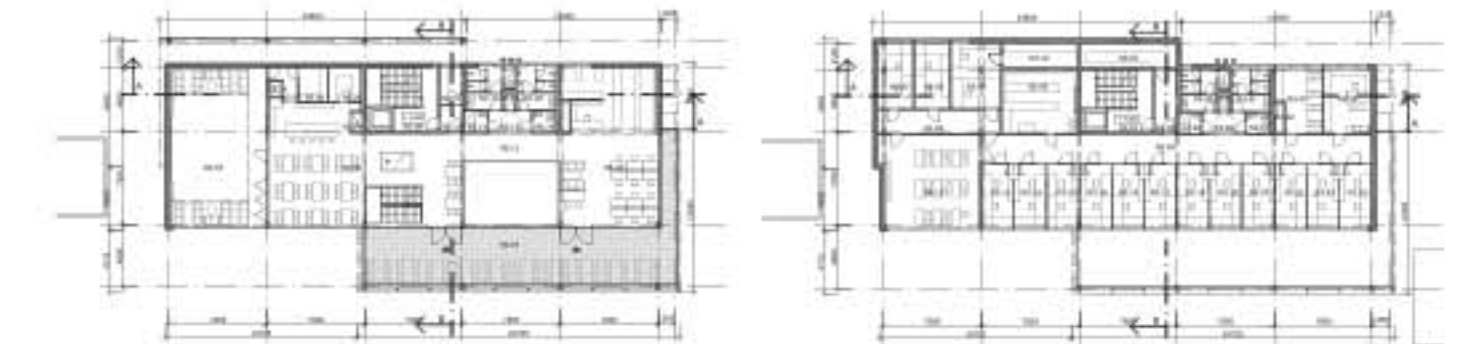
Proposed building is offering mainly modern office spaces. It provides Different types of office spaces - open and individual. Every type of shooting sport is also exhibiting weapons in front of an office and the whole building is accessible to public as live museum. Shop oriented in shooting sports with secured storage is based in ground floor. Other part of first floor is occupied by restaurant that continues on first floor where virtual shooting traineris located. On the other side of a floor, library is based. Second floor is already filled with offices and teaching rooms. Third floor is occupied by other offices and shooting-gallery with research center. Top floor offers a flat for visitors and athletes. Basment is filled with underground garage.

Building is trying to invite people to have more interest in this sport. Open and public building is like a live structure of different type of attractions



P-1

P0



P1

P2



P3

P4

DOM T - FAMILY HOUSE IN STARÁ ĽUBOVŇA

Stará Ľubovňa, Slovakia, Project 2012 - in construction

Project Team: Martin Boleš, Aleš Berec, Erika Bányayová
Consultants: Michal Grec, Martin Boledovič, Marián Piterka, Roman Horník, Rastislav Tokarčík, Beata Hriňáková
- freelance work under bckko

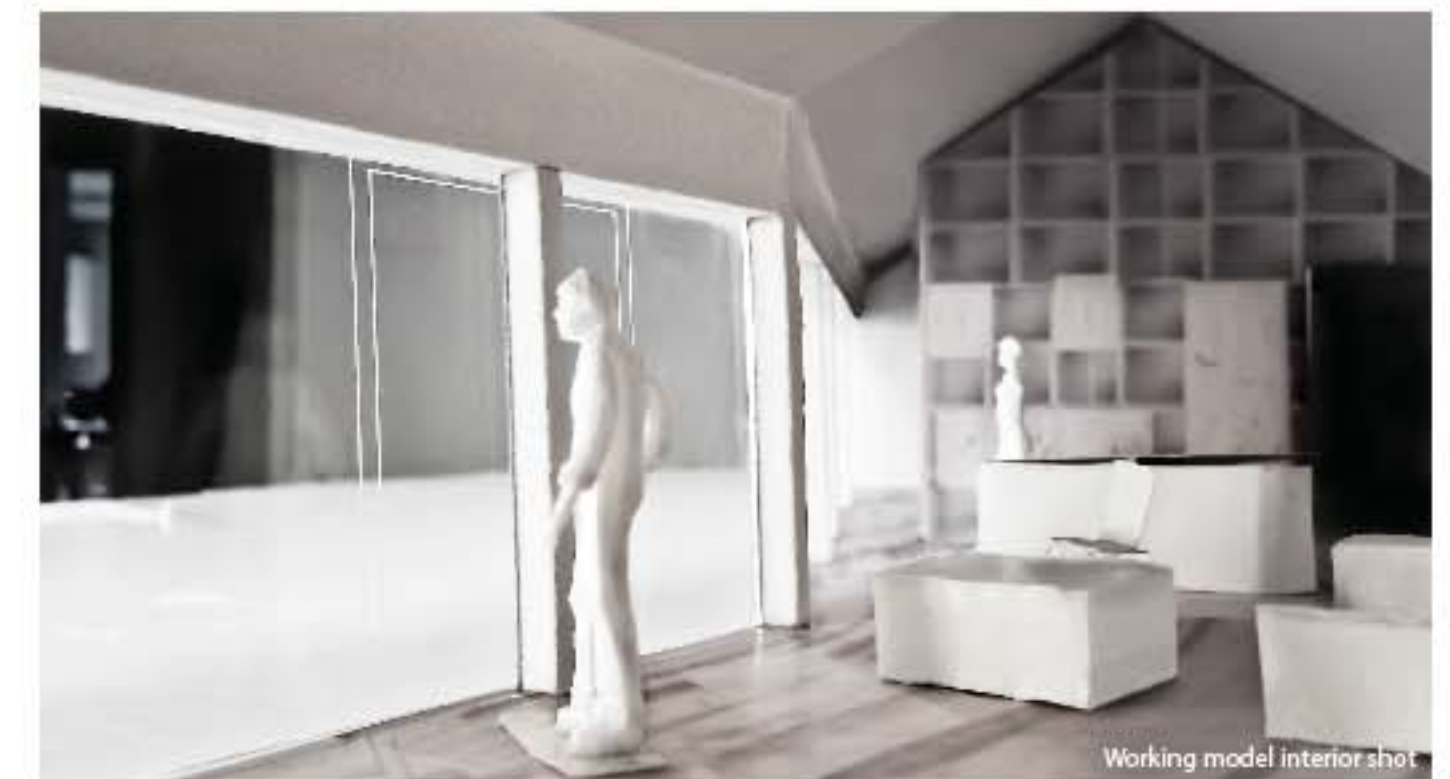
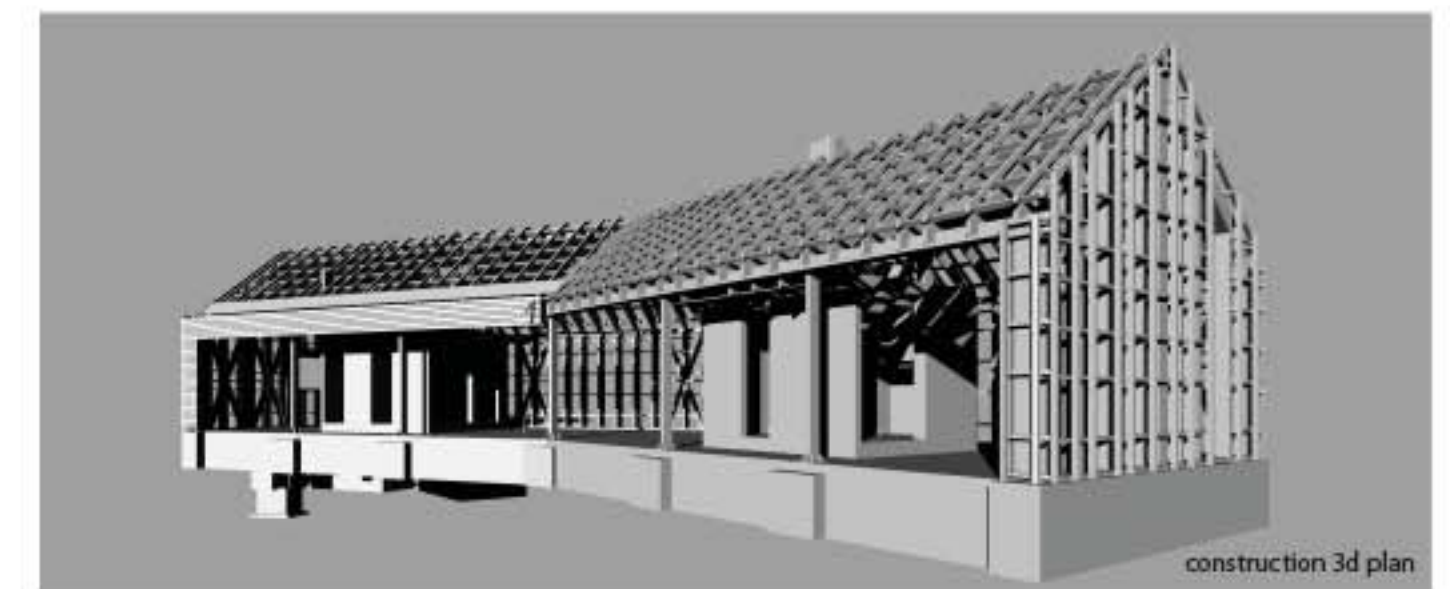
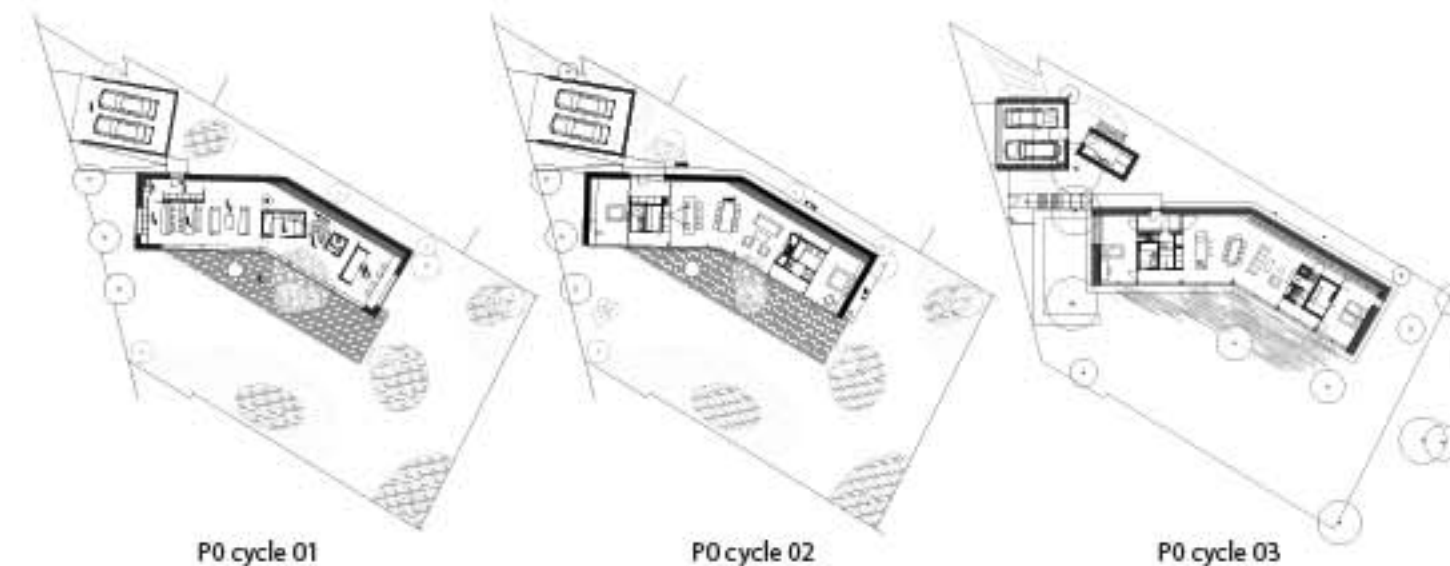
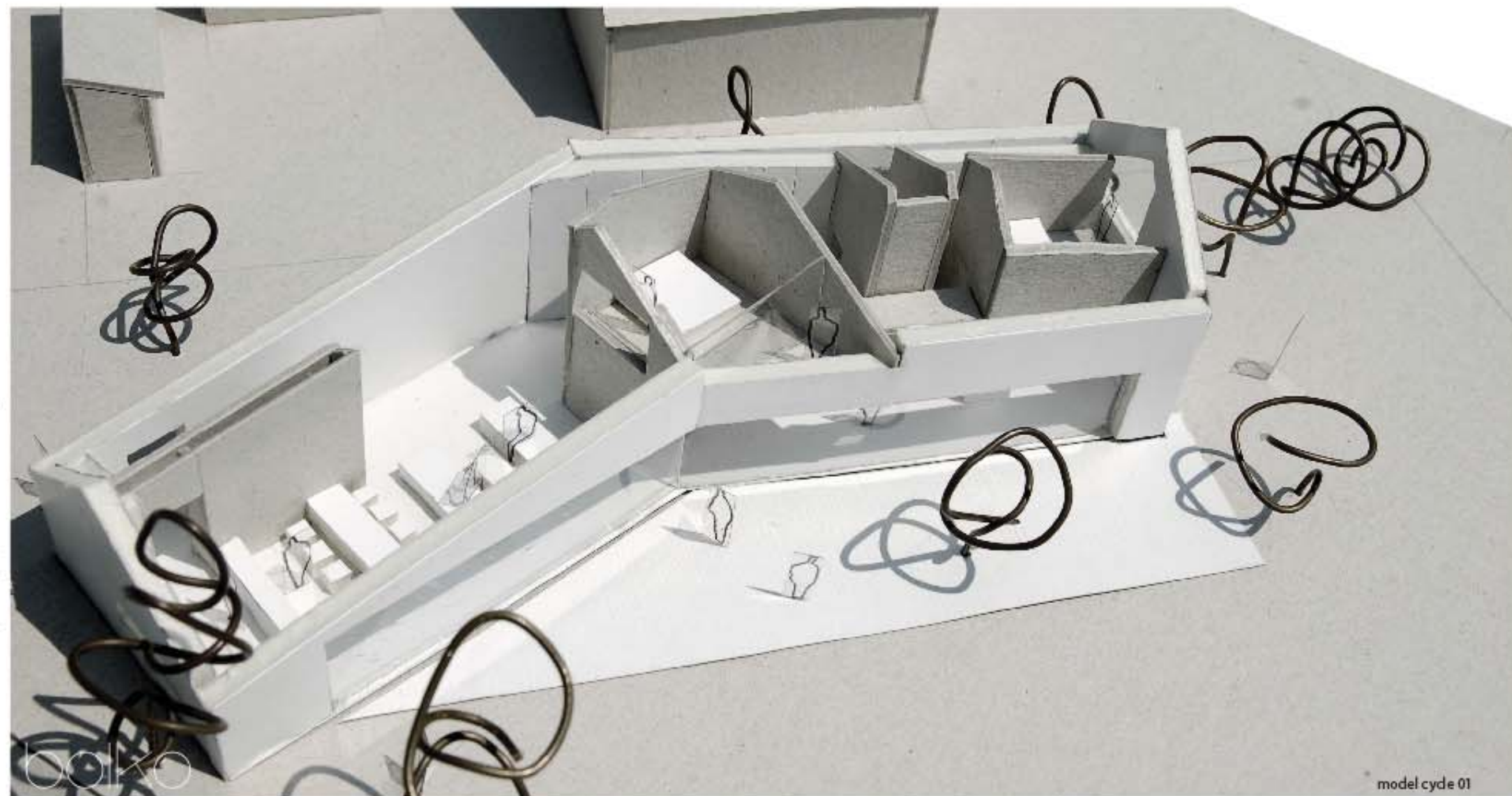
Surrounded by the family houses from 60ties, domT is going to fill a parcel of 600 sq meters in a client's parent's garden with fruit trees. It is located 5 minutes walking from city center. House respects shaping and orientation of surrounding and explore potentials of parcel orientation to the south. Central European climate of this place ranges from -30°C in a winter to + 35°C in summer and requires special conditions in materials and construction.

Timber construction respects tradition of regional builders. Whole house is mean to be built with local material and resources. It has openings to the south, with 2 main massive cores with static and heat accumulation function. House is heated with central fireplace, supported with electric energy and recuperation. It has its own water well to be even more independent.

Client asked for maximum 120 sq meters big affordable house in passive standard. It has a main living room with kitchen block and 2 bedrooms on sides of a house. Cores are filled with different functions and second level of it is meant to be nest for both children and parents.

Garden around is kept with all trees, especially 3 birch in front of a house that was plant by client's parents. Client will run little growing farm of vegetable and fruit.

Construction is planned to be finished in 2014.



DOM T CONSTRUCTION PERMIT



1. Nazwa obiektu budowlanego
1.1. Nazwa obiektu budowlanego: **domT**
1.2. Rodzaj obiektu budowlanego: **domki jednorodzinne**

2. Adres obiektu budowlanego
2.1. Adres obiektu budowlanego: **ul. ...**

3. Inwestor
3.1. Nazwa inwestora: **...**
3.2. Adres siedziby inwestora: **...**

4. Projektant
4.1. Nazwa projektanta: **domT**
4.2. Adres siedziby projektanta: **...**

5. Opis obiektu budowlanego
5.1. Opis obiektu budowlanego: **...**

6. Opis techniczny
6.1. Opis techniczny: **...**

7. Wykaz załączników
7.1. Wykaz załączników: **...**

8. Uwagi
8.1. Uwagi: **...**

9. Dane techniczne
9.1. Dane techniczne: **...**

10. Podsumowanie
10.1. Podsumowanie: **...**

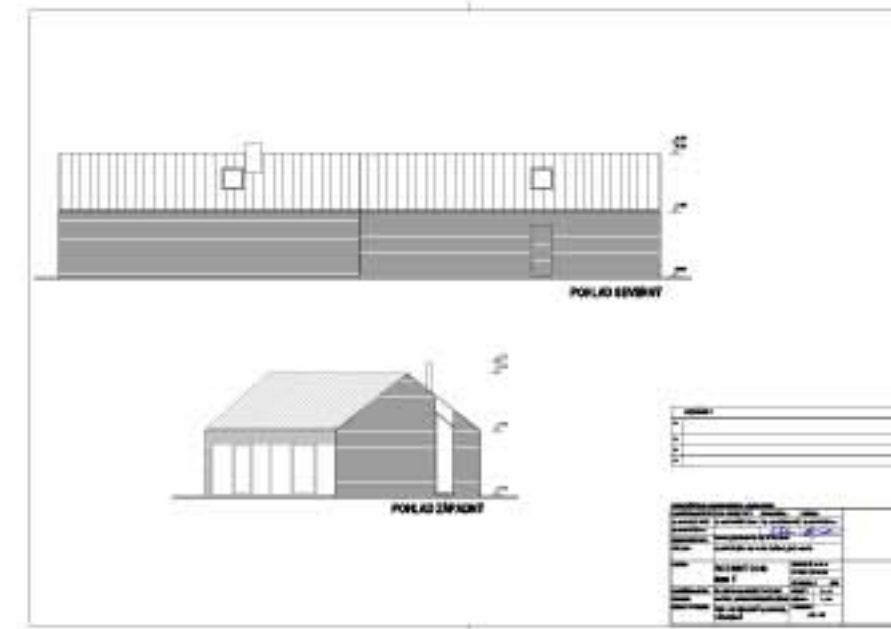
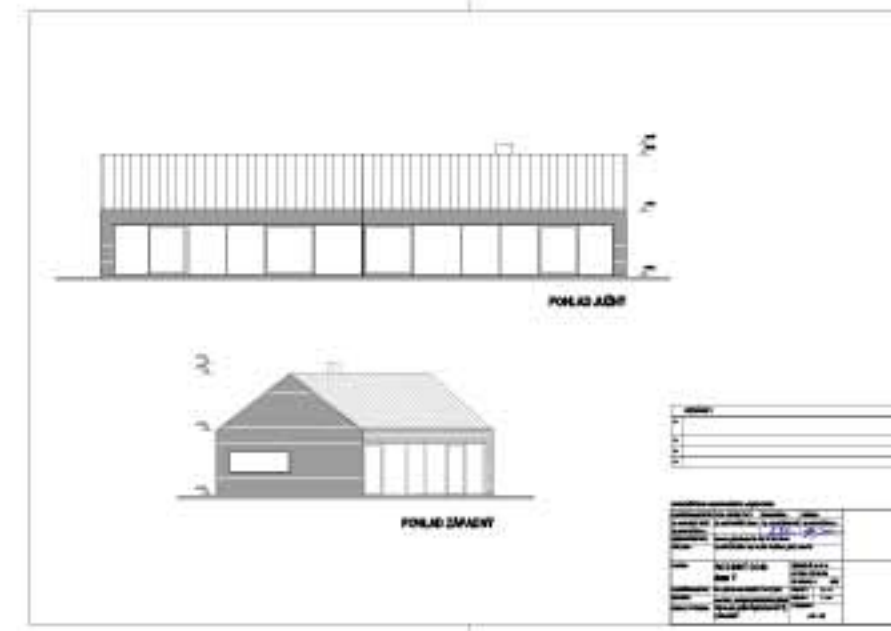
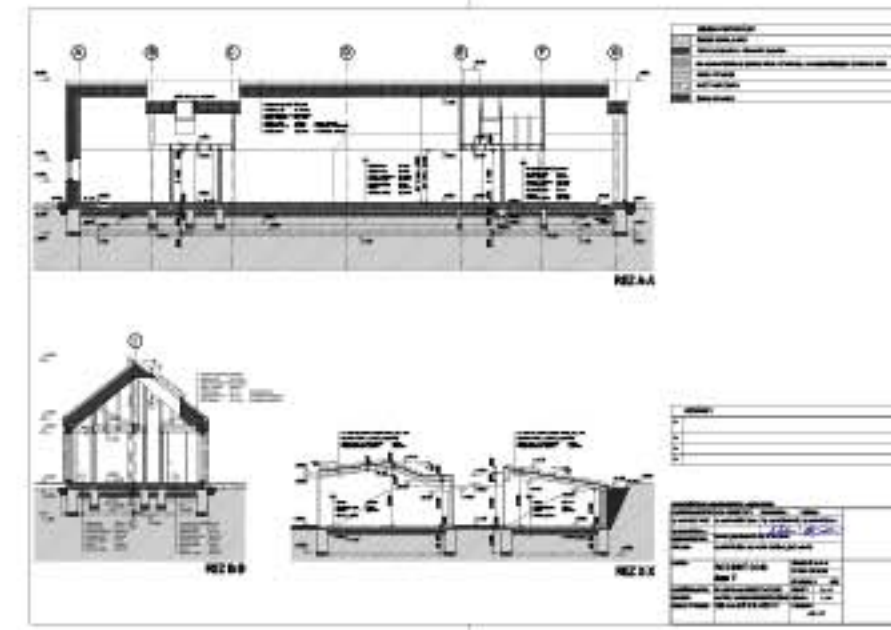
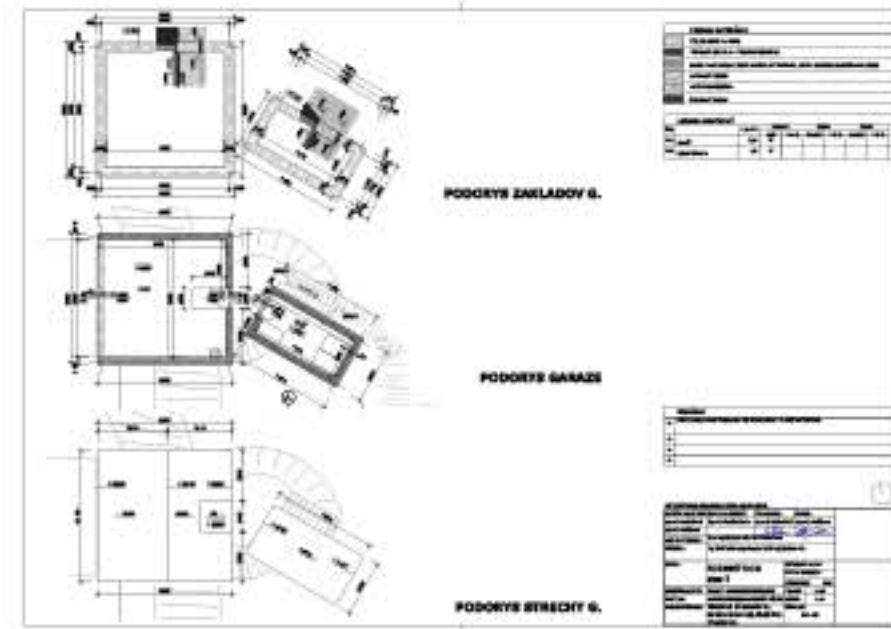
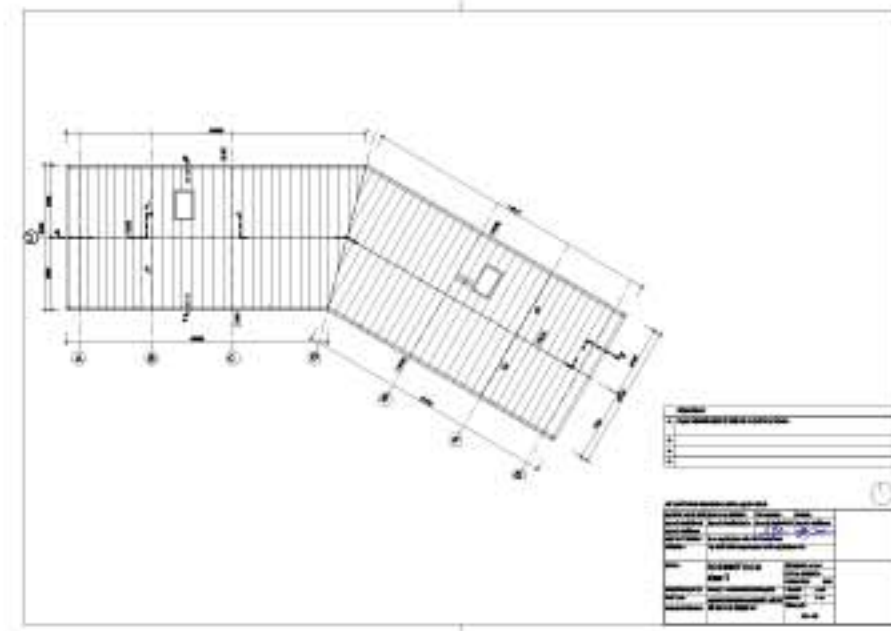
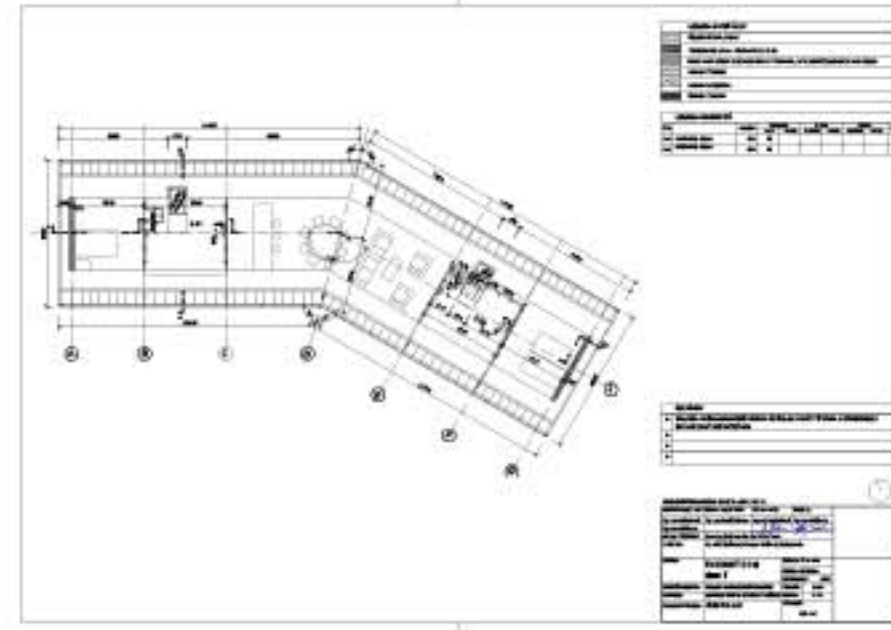
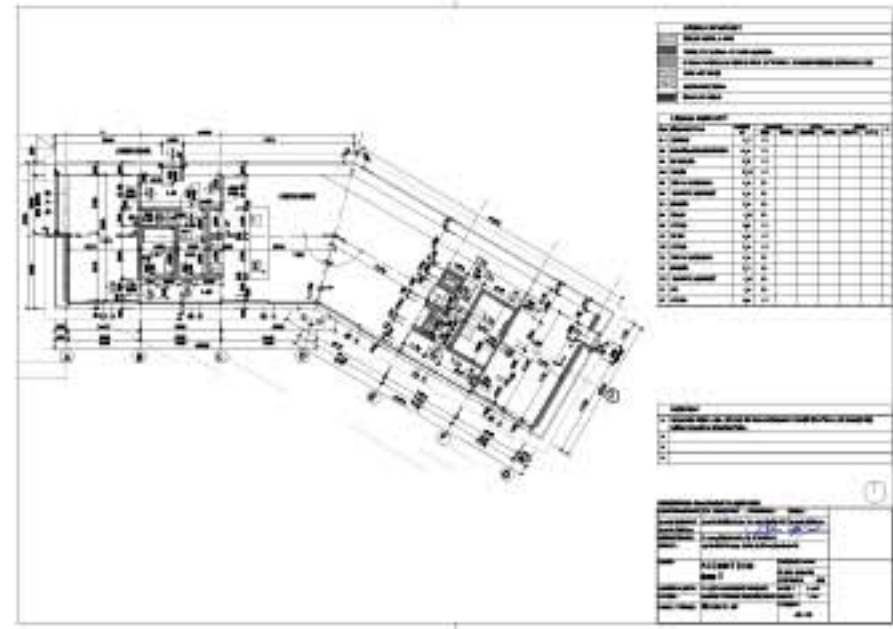
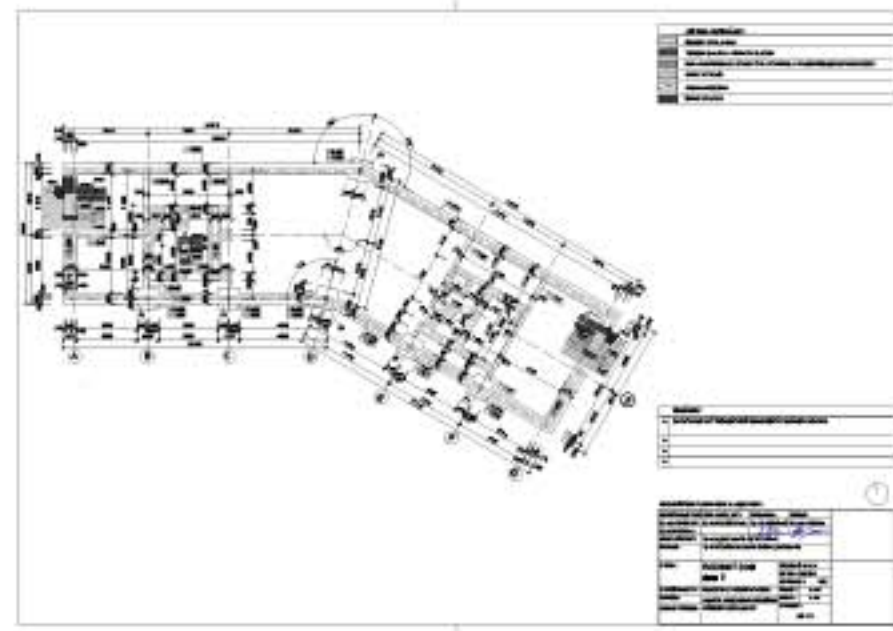
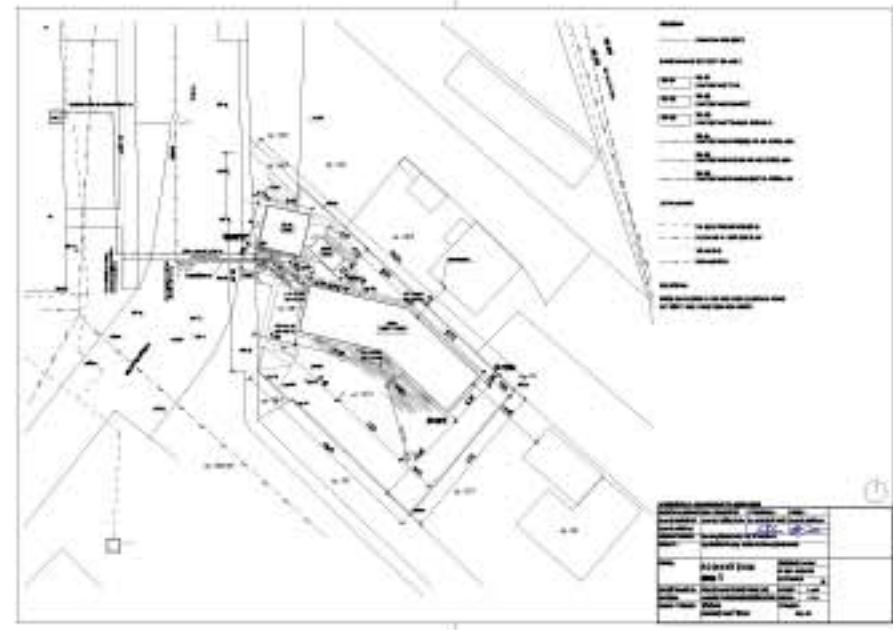
11. Podpis projektanta
11.1. Podpis projektanta: **...**

12. Podpis inwestora
12.1. Podpis inwestora: **...**

13. Podpis nadzorca
13.1. Podpis nadzorca: **...**

14. Podpis architekta
14.1. Podpis architekta: **...**

15. Podpis inżyniera
15.1. Podpis inżyniera: **...**



DOM Z - FAMILY HOUSE IN STARÁ ĽUBOVŇA

Stará Ľubovňa, Slovakia, Project 2013 - study for private client

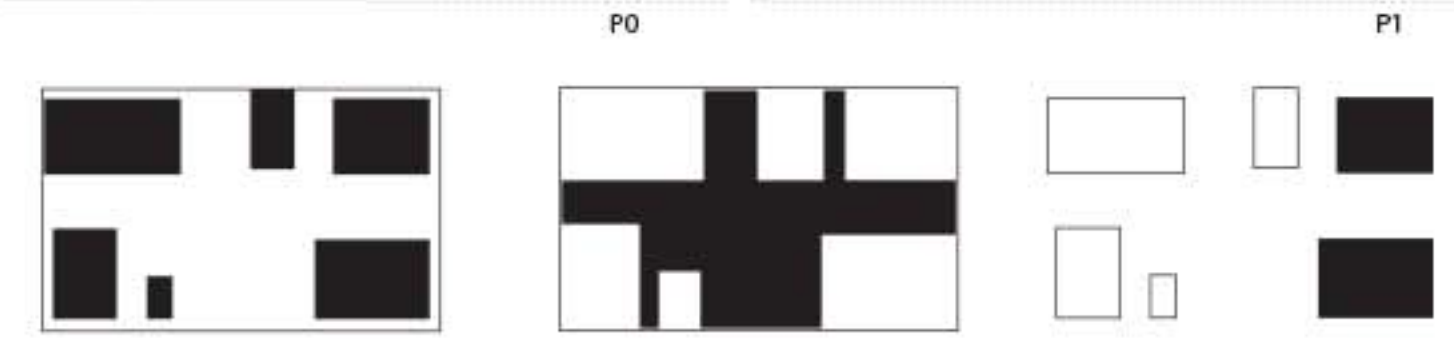
Project Team: Martin Boles, Erika Bányayová
- freelance work under **bolko**

Special commission came to design house in urban sprawl in a city center on a brownfield site. Double house has been planned on parcel where client's daughter has already built her catalogue kind of a house. Accent has been chosen to refresh ideas of higher society housing.

Clients asked to review their plans from other architect and later for a new design. We accepted conditions of close standing existing house of daughter and we tried to find a solution to add value to it. Granddaughter's window is oriented into client's garden directly to the house and solving this was main task of the project. We provide all side views and allow sun to shine into the room.

House itself creates one big open space with different rooms attached to the sides, from garage, home office and 2 bedrooms. Sensitive play between outside and inside is expanding idea of living in the garden. Formally, house facing the street is lower and it has second floor placed only deep to the garden.

Proposal did not meet understanding in between 4 generations of family members and compromise has been done to continue with previous architect to design catalogue house fitting into suburban idyll.



INTROVERTED SPACES

EXTROVERTED SPACES

DAY/NIGHT ZONES

