



ARCHITECTURE
PORTFOLIO

Ing. arch Veronika Pátková

01 | URBAN DESIGN ZLICHOV

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03 | SUSTAINABLE LIVING

04 | BOUMERANG HOUSE

05 | DETACHED HOUSE IN NICOSIA

06 | U-SHAPED DETACHED HOUSE

07 | INTERIOR AND FURNITURE

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01

URBAN DESIGN ZLICHOV

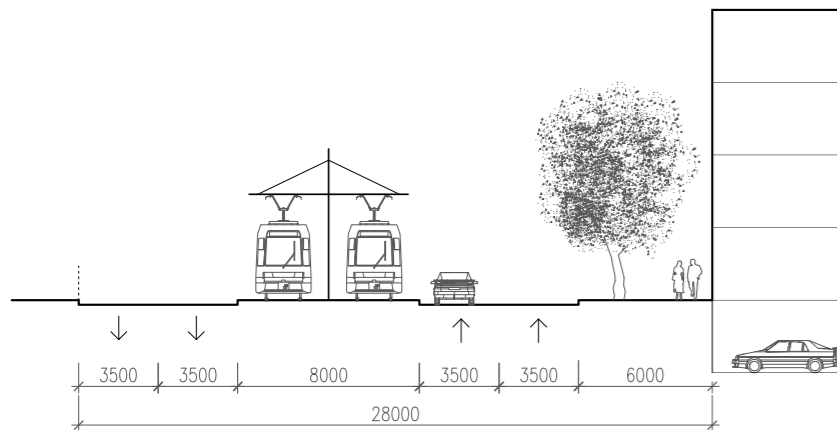
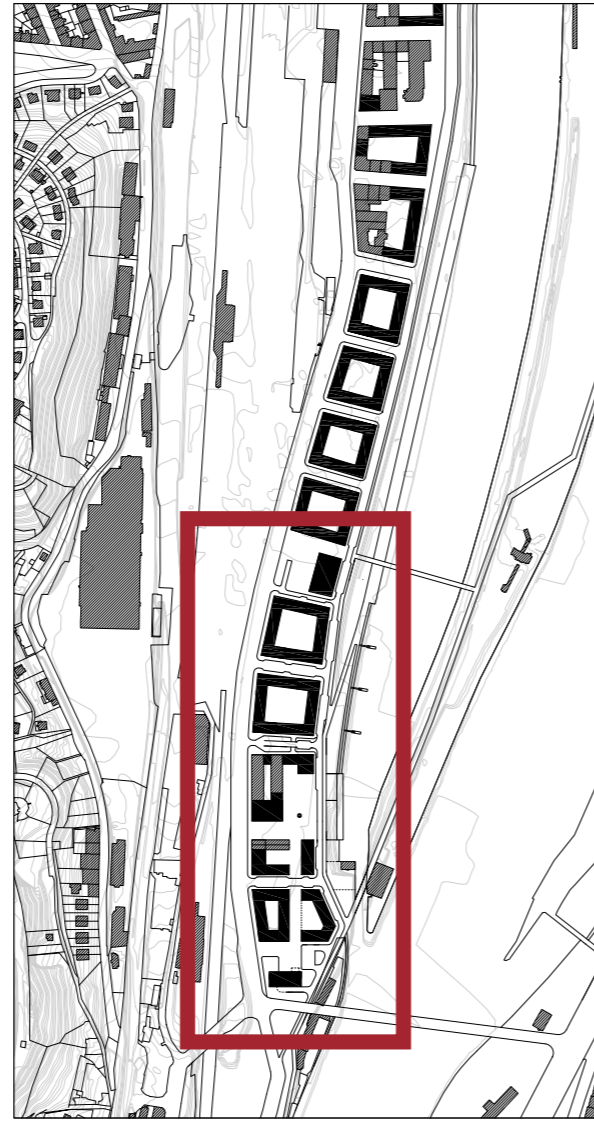
Prague, Czech Republic

UNI project
2014

Autocad
Sketchup
V-Ray
Photoshop

The Area dedicated for the development is an old distillery brownfield situated in the northern part of the city district Smichov in Prague. It is a narrow area bounded by a train corridor in the west and a river Vltava in the east. The river side pavement offers relaxation and individual sports opportunities. The area will be connected with a park on the Cisarska louka island by pedestrian bridges.

New urbanism is inspired by old Prague block of flats with courtyard. The northern part is dedicated for housing and the southern part for offices and entertainment. This project is focused on the conversion and redevelopment of its southern part



01

URBAN DESIGN ZLICHOV

Prague, Czech Republic

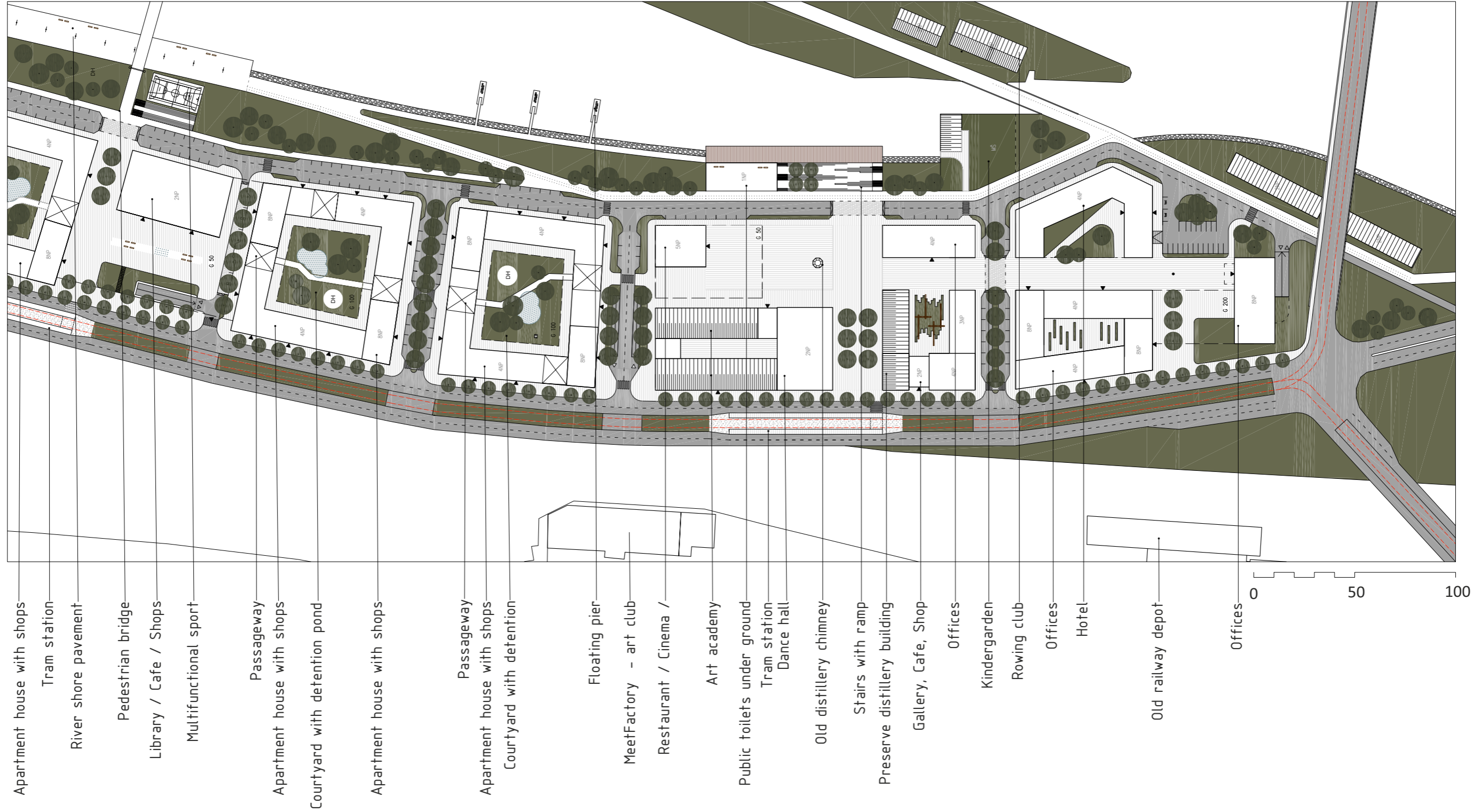
UNI project
2014

Autocad
Photoshop
Corel Draw

SURFACES

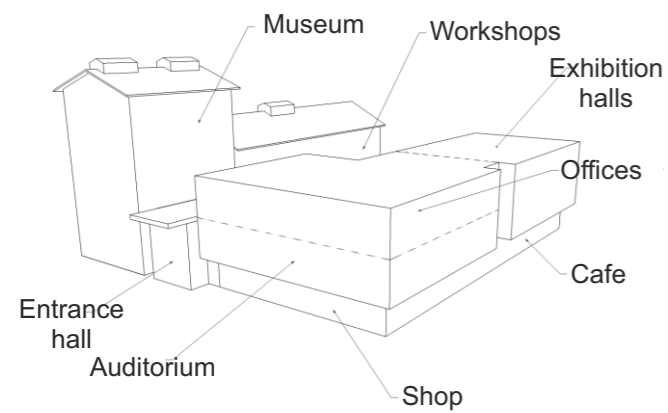


FURNITURE

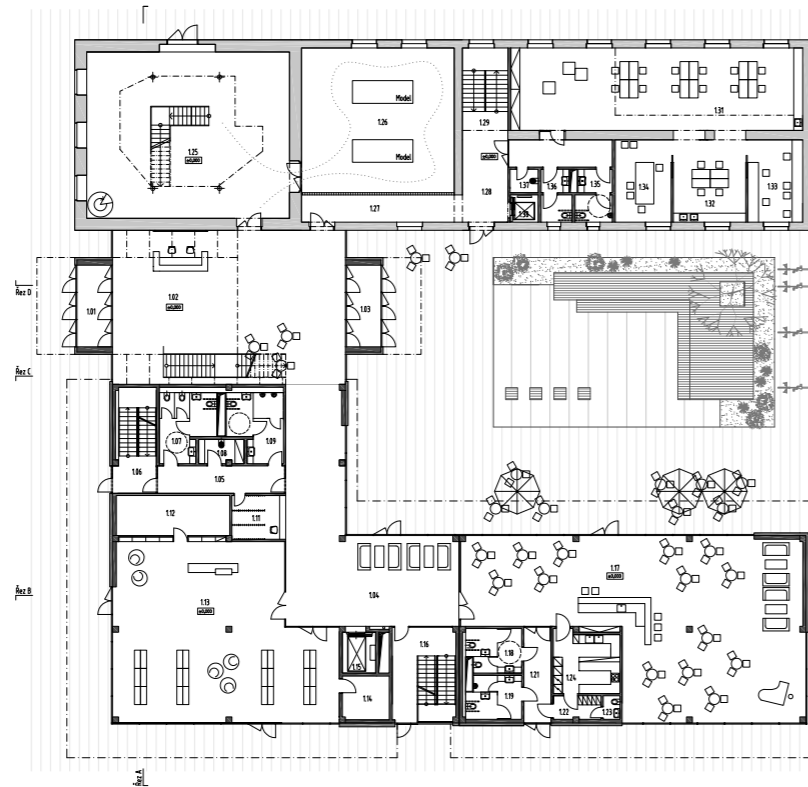


Art centre project solves the problem around brownfield Zlichov distillery in Prague. The general concept of the design is to preserve an old building with historical and aesthetic value and complete the layout with a new structure.

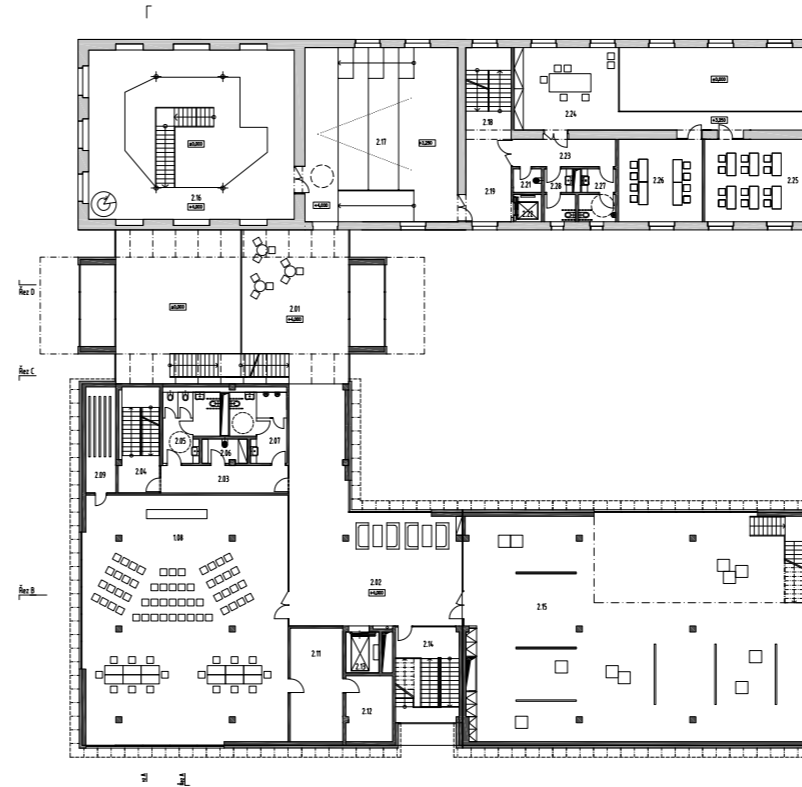
The whole complex receives purpose as an Art center with museum, exhibition halls, education facilities, workshop center, management offices, shop and cafe. Main materials used for the renovation and a new structure are based on materials of existing distillery building. Metal, glass and plaster. New front facades are made of perforated metal panels which form a monolithic structure and create contrast between the historical and a new building.



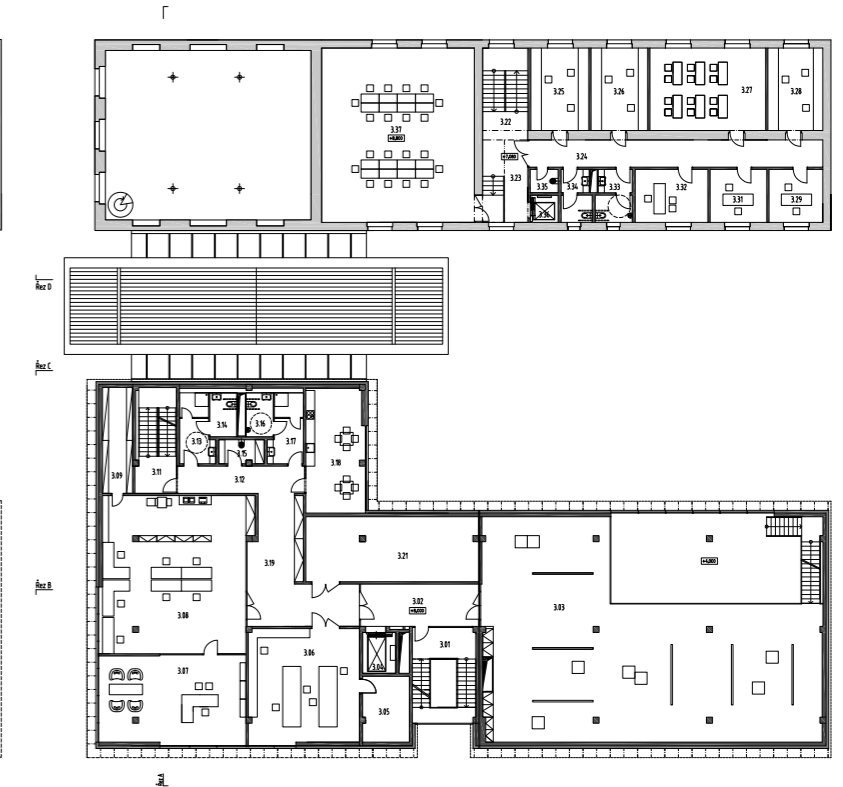
Location



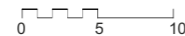
Ground floor



First floor



Second floor





Bicycle stand

Trees

Bushes, High grass

Wodden terrace
-relaxation
-culture events

Mobile sitting boxes

Culture events

Exterier Cafe furniture

Interior Cafe furniture

Interior Cafe furniture

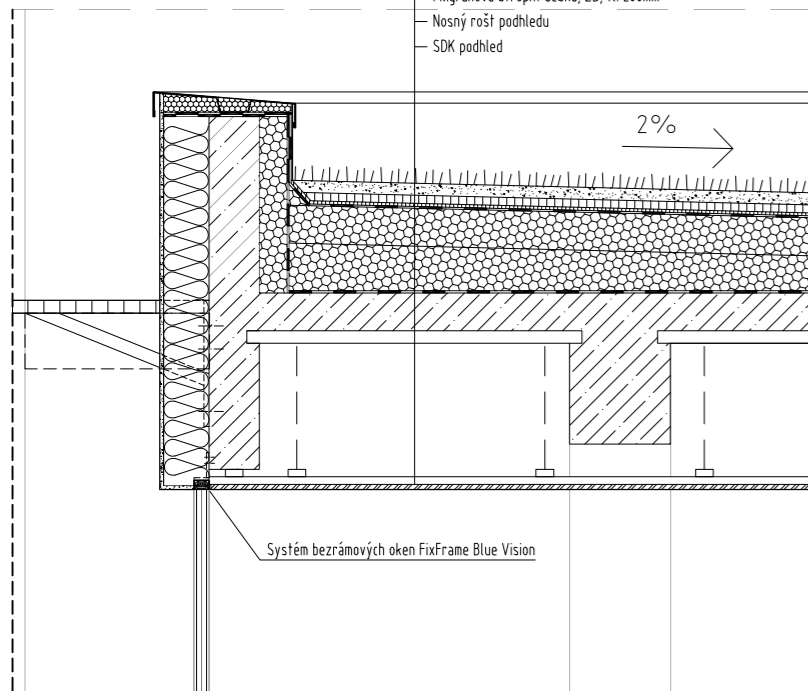
Cast floor

Space for small events

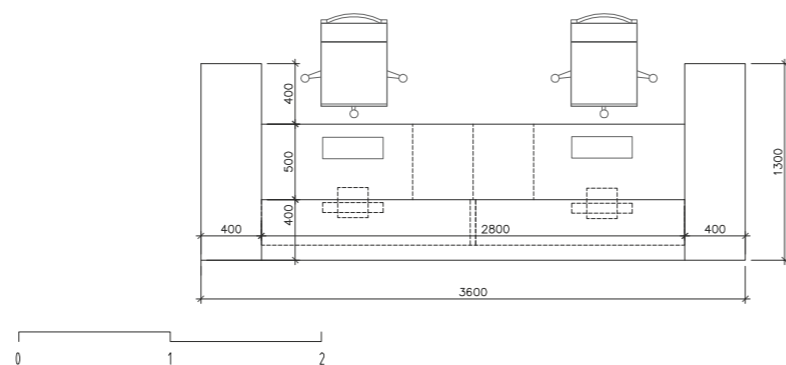
Piano

Detail D

- Jednovrstvý extenzivní substrát Typ M
- Drenážní nopová fólie Typ FKD 25
- Ochranná vodoakumulační textilie Typ RMS 300
- Hydroizolace - PE folie, mechanicky kotvená
- Textilie
- Tepelná izolace z pochozí EPS, H- 150mm
- Spádové klíny z pochozí izolace EPS, prům. H. 100mm
- Parozábrana
- Penetrace
- Filigránová stropní deska, ŽB, tl. 200mm
- Nosný rošt podhledu
- SDK podhled

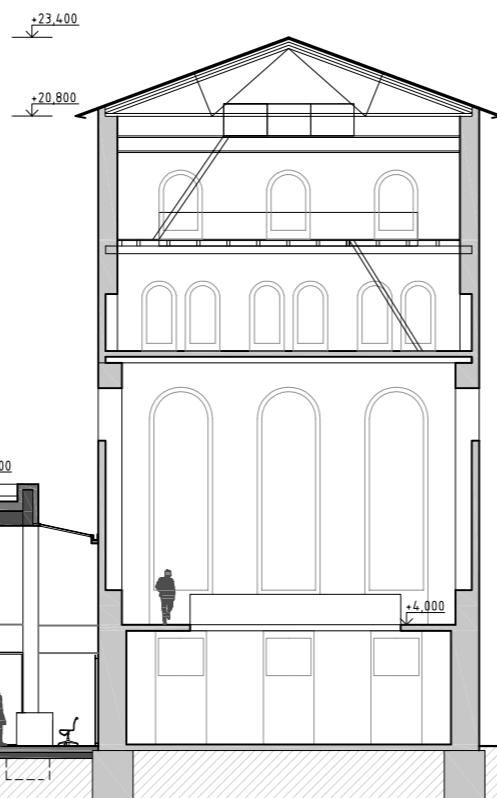
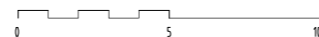


Design of the entrance hall desk

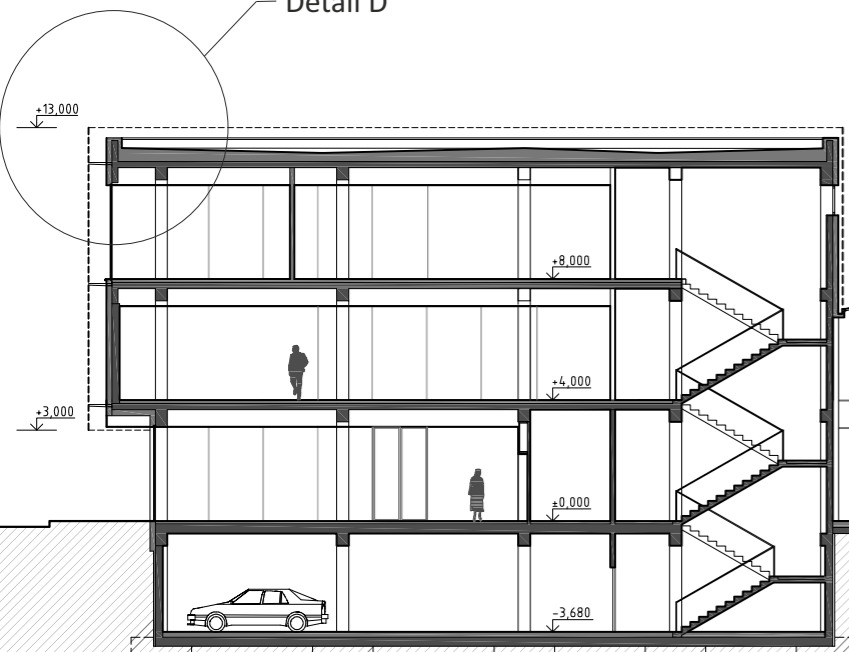


LEGENDA:

- Stávající konstrukce
- Nově navrhované konstrukce
- Tepelná izolace



Detail D



Entrance hall



Cafe



03

SUSTAINABLE LIVING

Mannheim, Deutschland

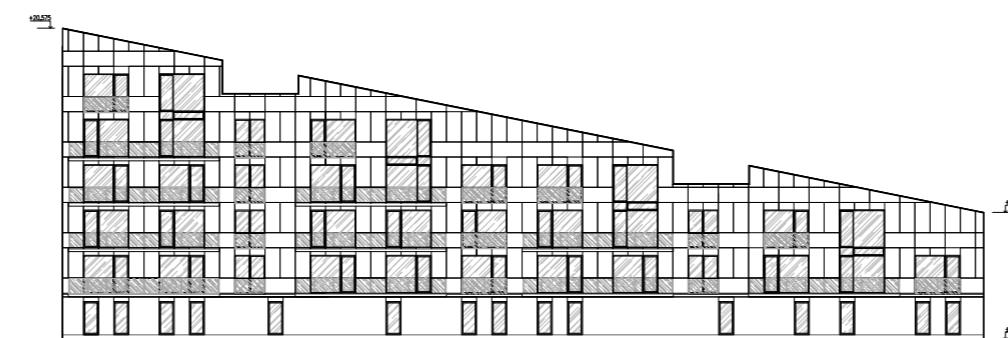
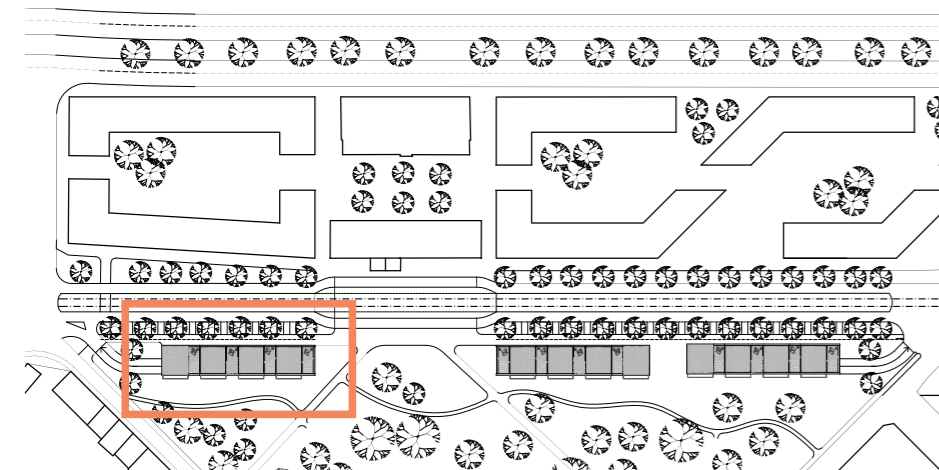
Student competition
2013

SketchUp
V-ray
Autocad
Photoshop
Corel Draw

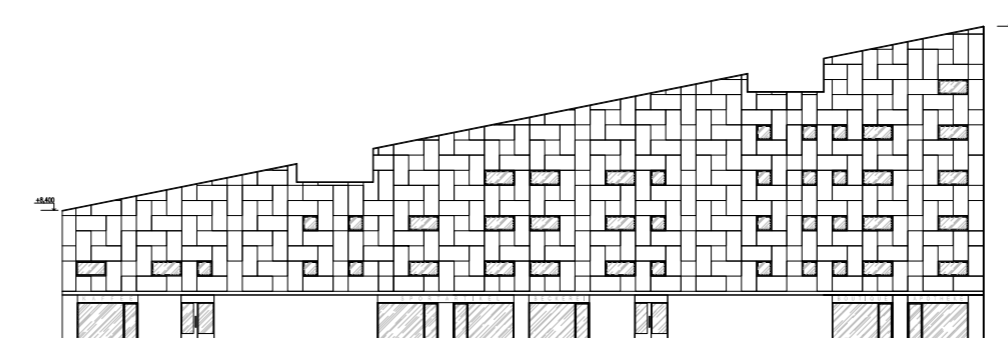


A compact structure study is supposed to be situated in a former railway industrial area in Mannheim. Its concept helps to prevent heat leakage. The green sloping roof is retaining water and large roof terrace offers a high quality housing standard.

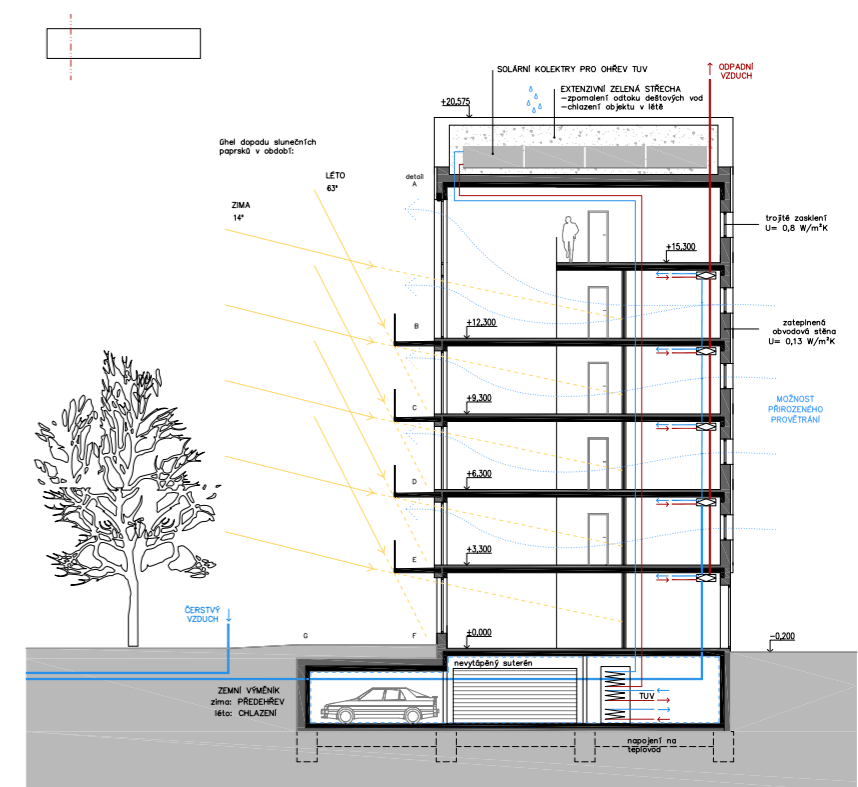
Building is designed to use a geosolar system. Ground source heat pump will be used as a central heating and cooling. This design takes advantage of the moderate temperatures in the ground to boost efficiency and reduce the operating costs of heating and cooling systems. It will be combined with a solar heating collectors located on a sloping roof.



SOUTH WEST ELEVATION



NORTH EAST ELEVATION



SECTION A

0 2 5

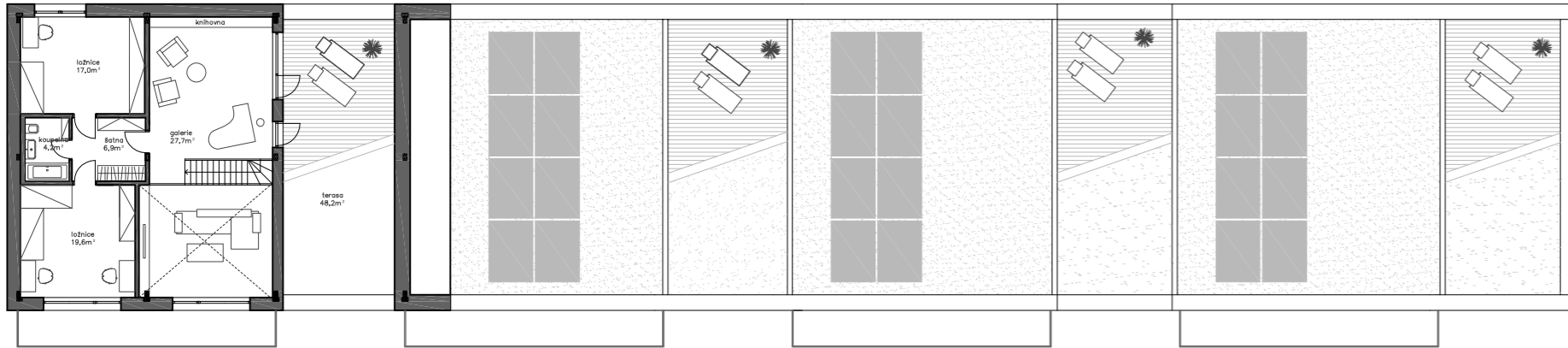
03

SUSTAINABLE LIVING

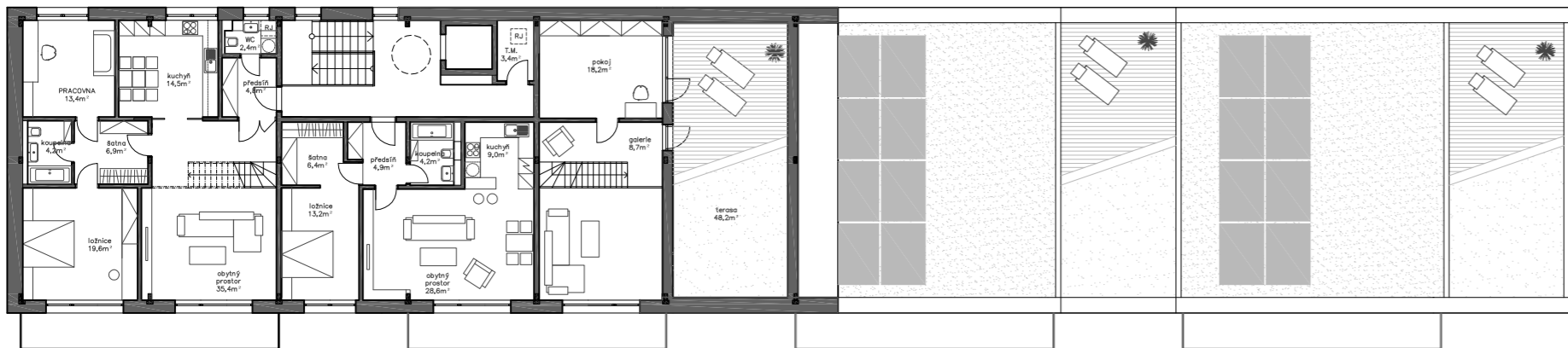
Mannheim, Deutschland

Student competition
2013

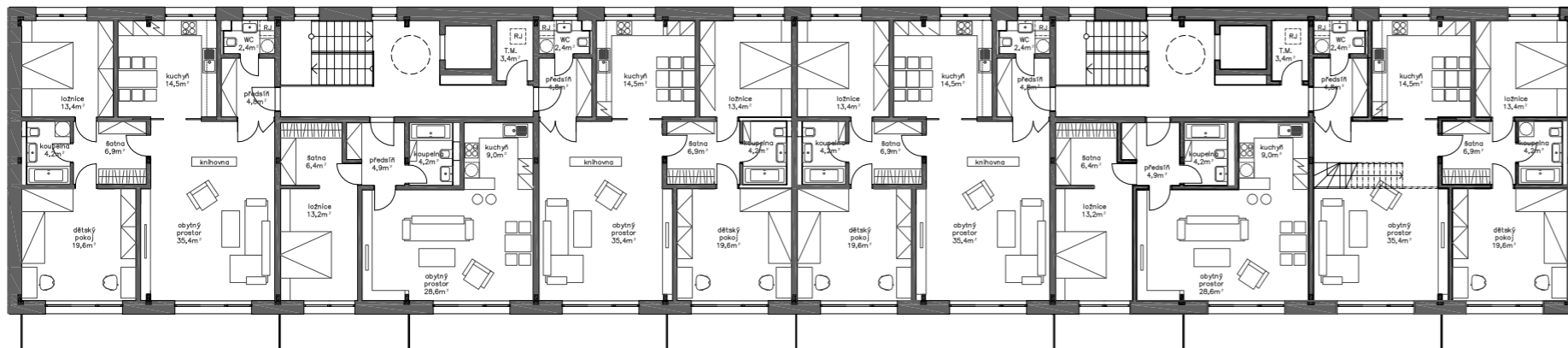
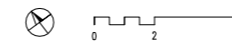
SketchUp
V-ray
Autocad
Photoshop



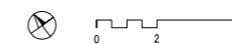
LAYOUT 6th FLOOR M 1:250



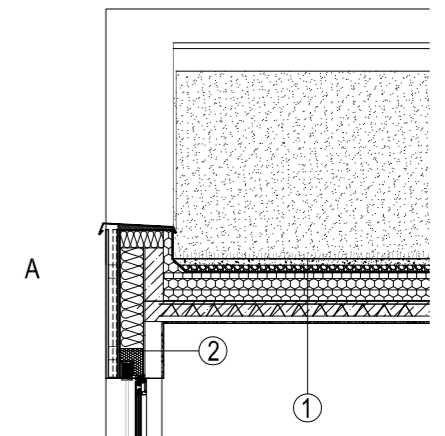
LAYOUT 5th FLOOR M 1:250



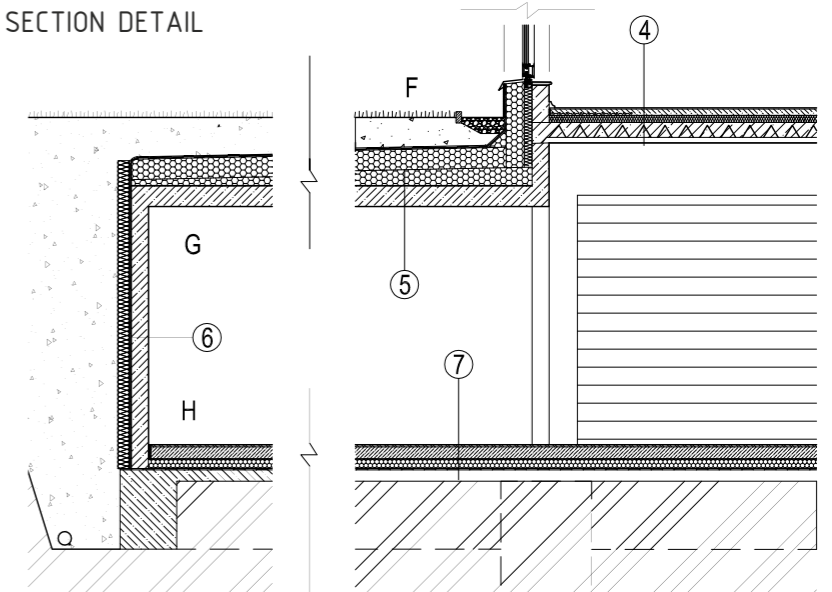
LAYOUT 2nd FLOOR M 1:250



Building offers wide apartments layout diversity, from one bedroom apartment to luxury two-story suites with large roof terrace. Each apartment is allocated with an underground parking spot.



FACADE SECTION DETAIL



04

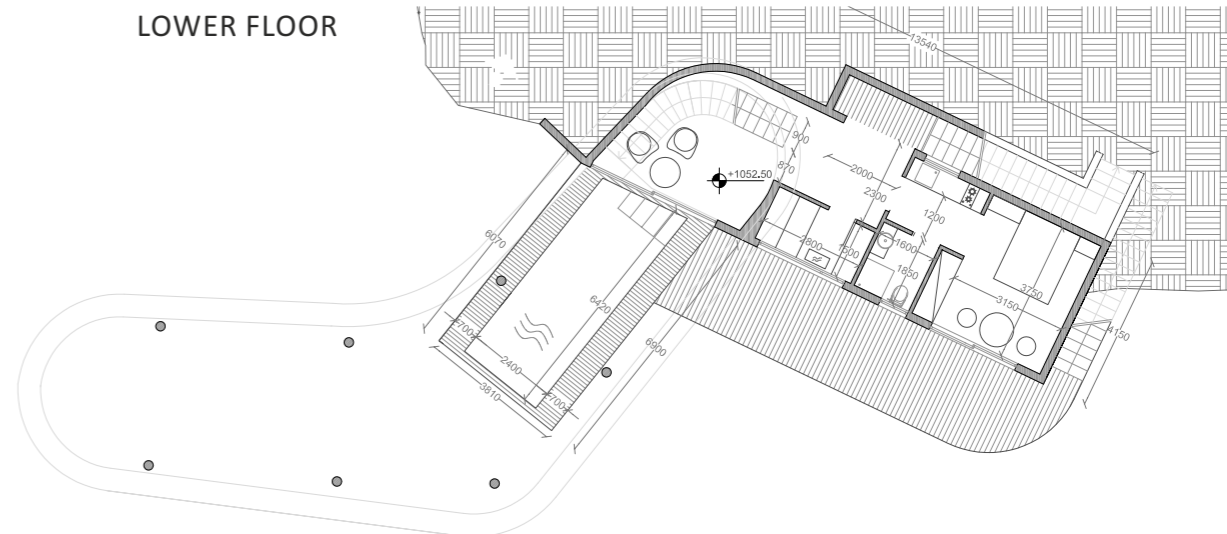
BUMERANG HOUSE FOINI

Platres, Cyprus

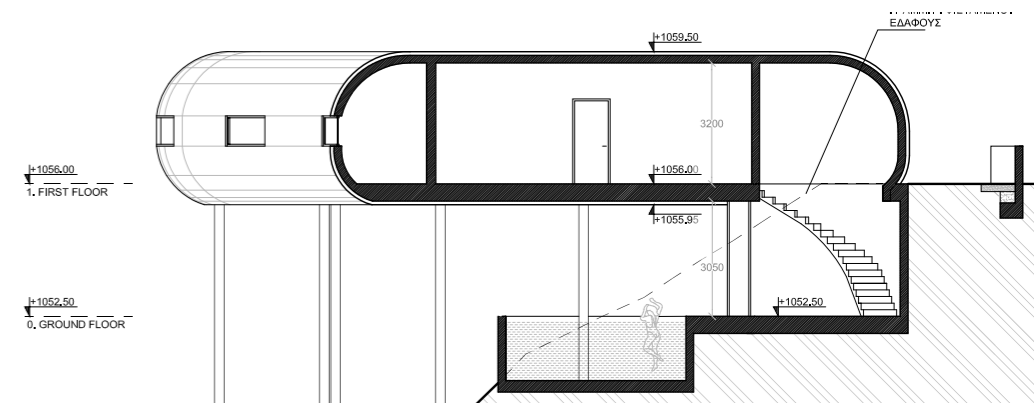
VardaStudio

2014

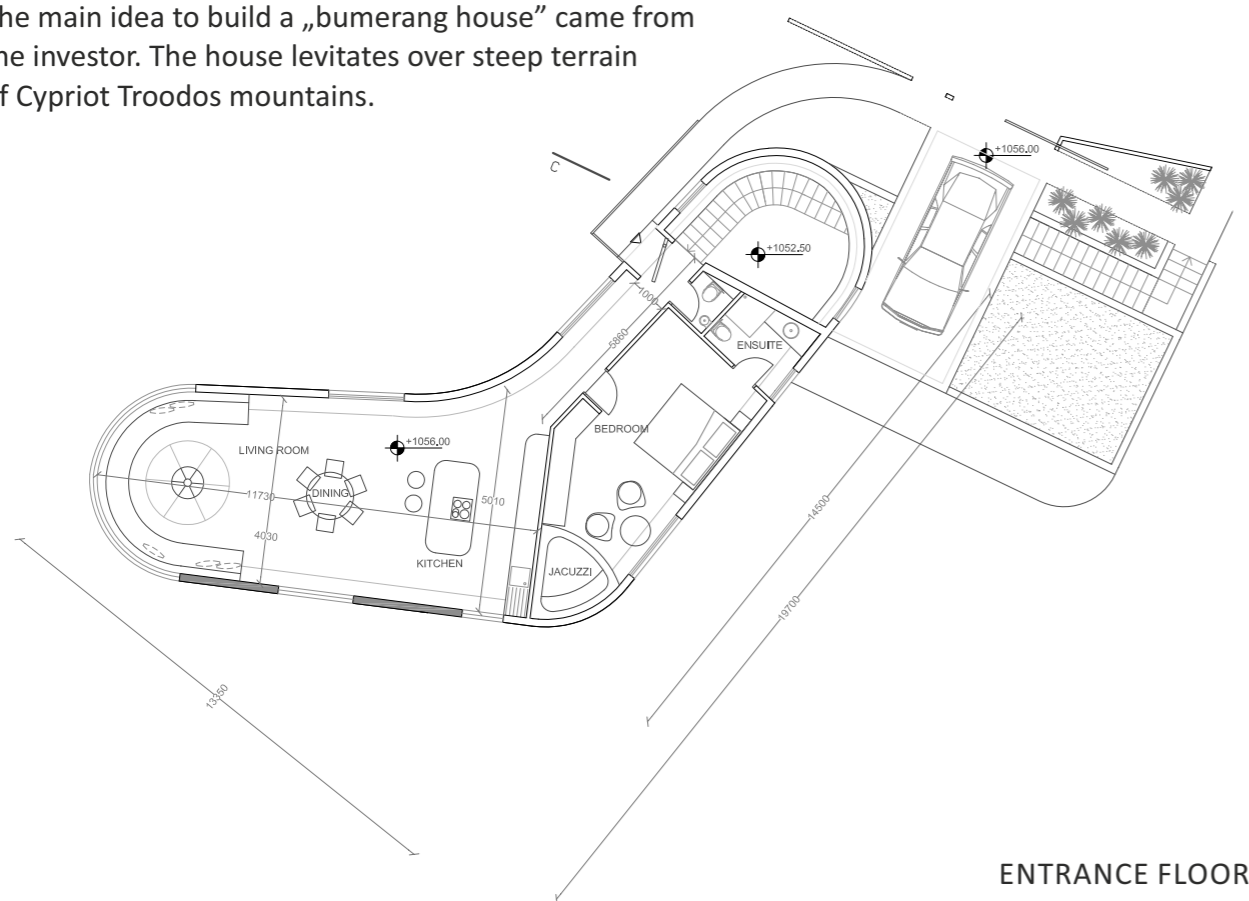
Autocad
SketchUp Pro
Rhinoceros
Photoshop



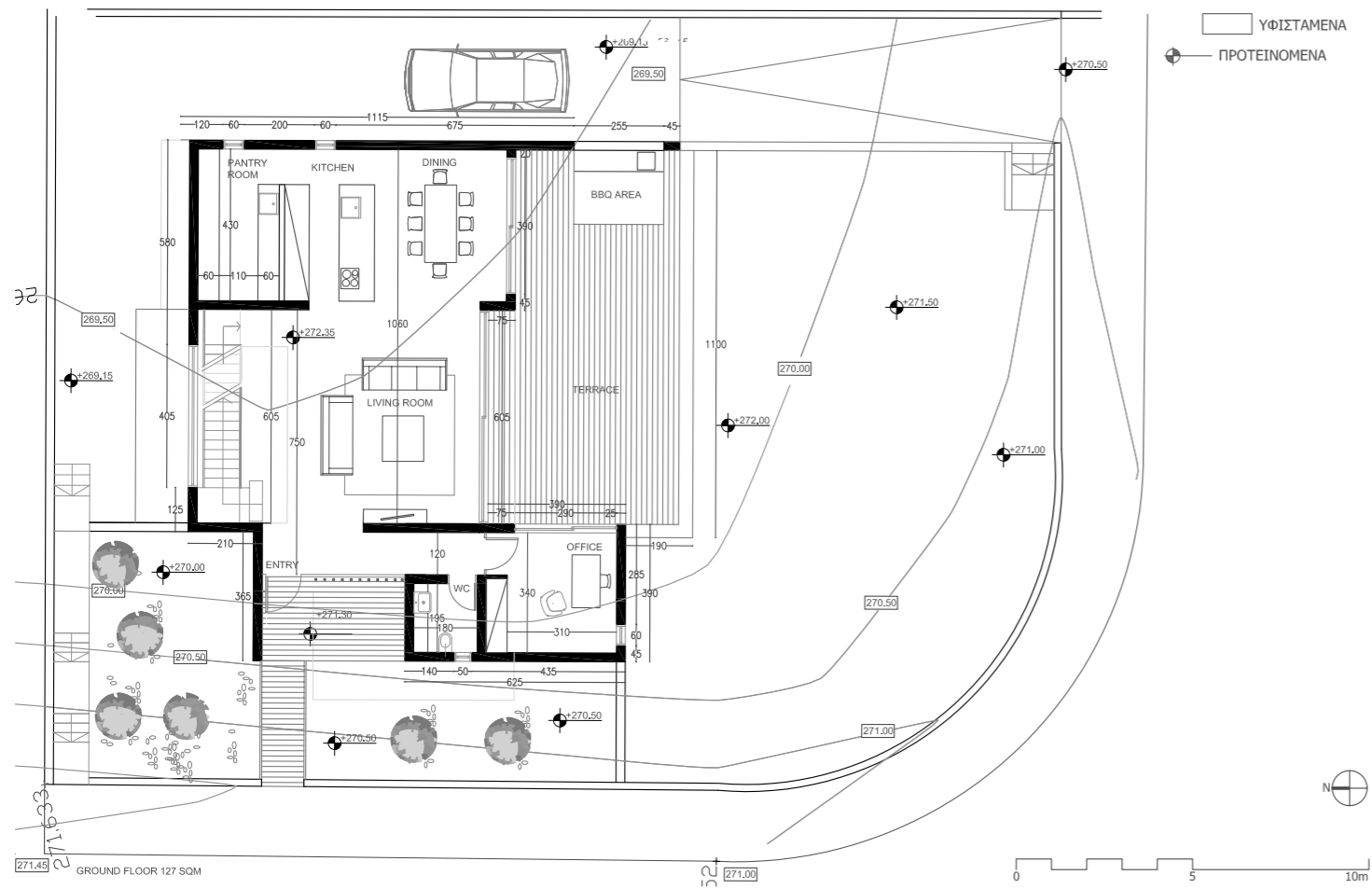
SECTION A



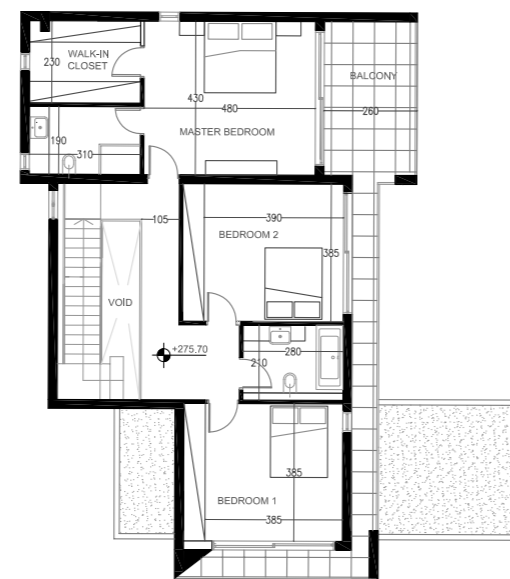
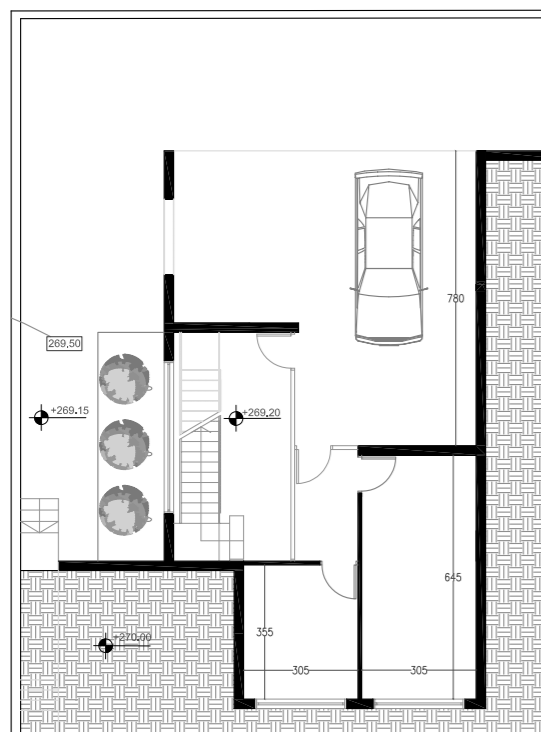
The main idea to build a „bumerang house” came from the investor. The house levitates over steep terrain of Cypriot Troodos mountains.



GROUND FLOOR



BASEMENT



SECOND FLOOR



06

U-SHAPED DETACHED HOUSE

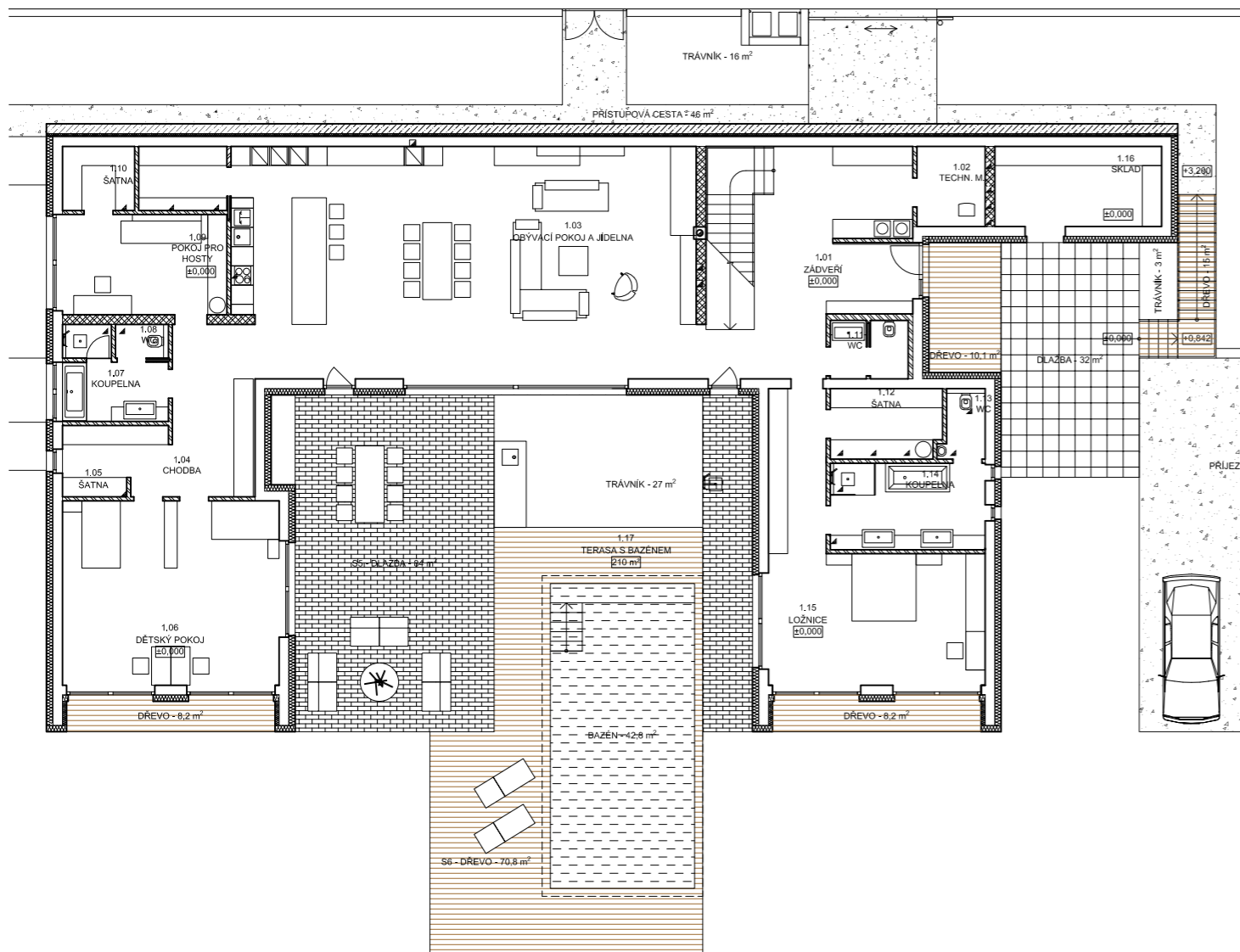
Hluboka nad Vltavou, Czech Republic

Archbau s.r.o

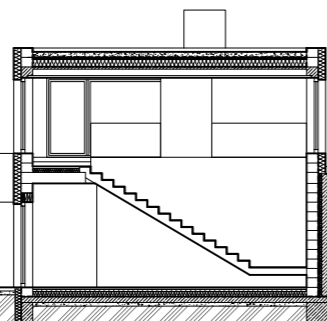
2014

Autocad
SketchUp
Photoshop

U-shaped single family detached house is situated on a steep slope. It has a main entrance and garage on the top floor. On the ground floor there are sleeping and utility rooms.



TRÁVNÍK - 1027 m²



07

INTERIOR AND FURNITURE

Liberec, Czech Republic

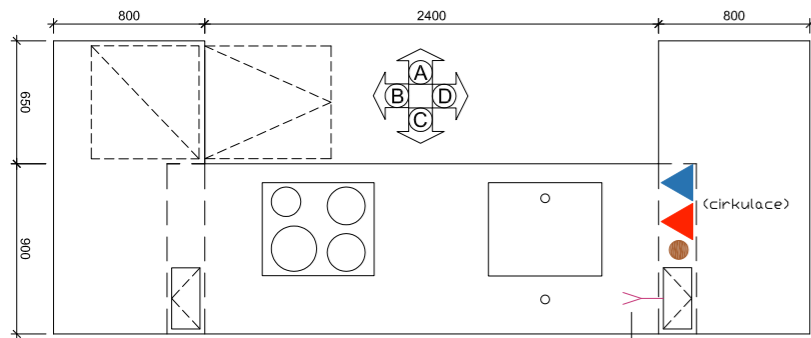
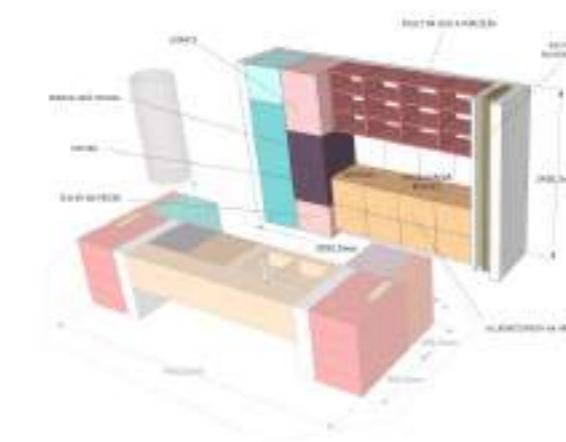
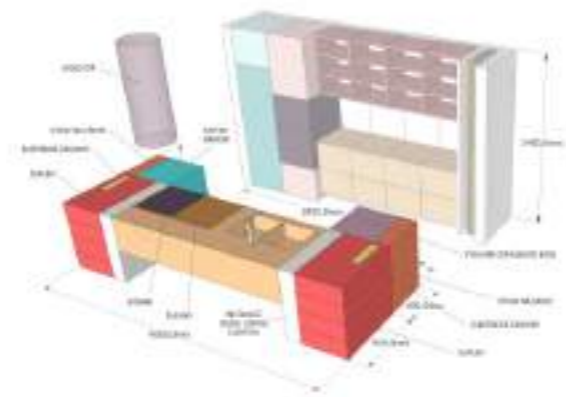
Archbau s.r.o

2015

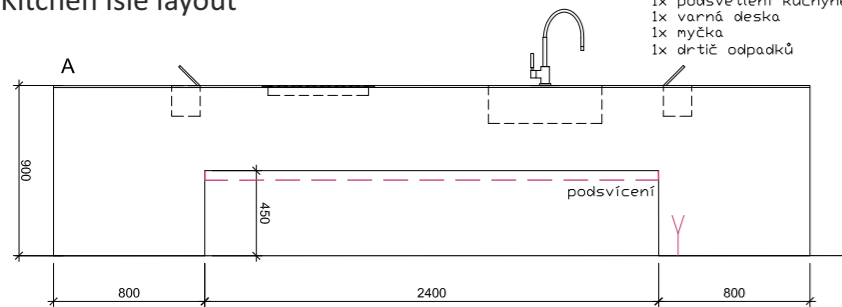
Autocad
SketchUp
Photoshop

This is a sample of my work on interior and furniture of the luxury private Villa in Liberec.

It contains: **Visual schemes** for customer which are helpful to find a best solution for every space
Furniture drawings for carpenters
Technical drawings of the utility connections

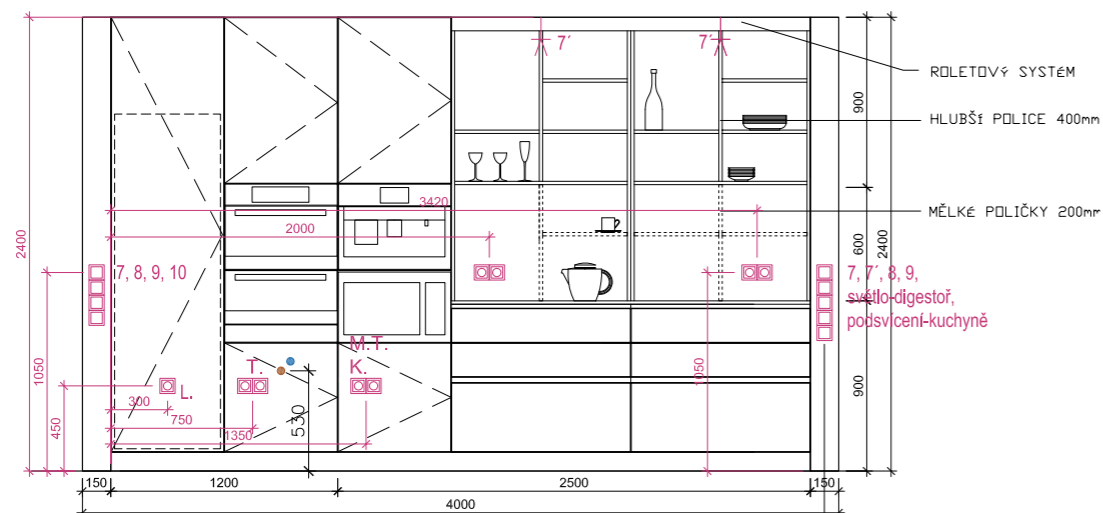


Kitchen Isle layout

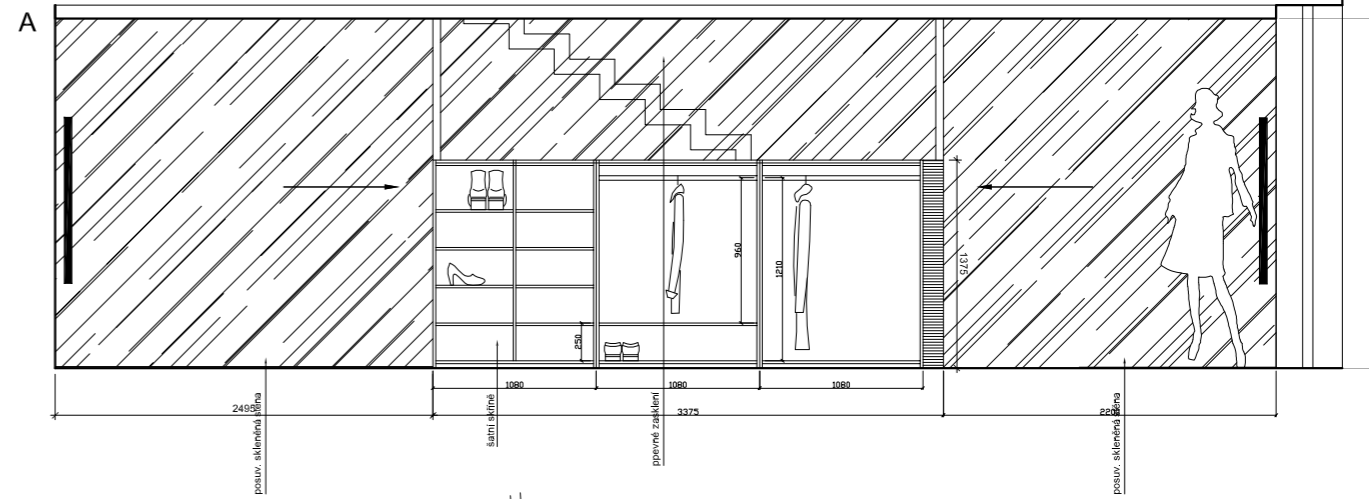
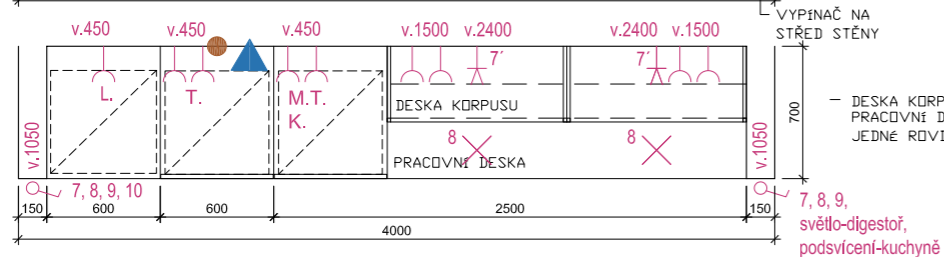


Kitchen Isle elevation

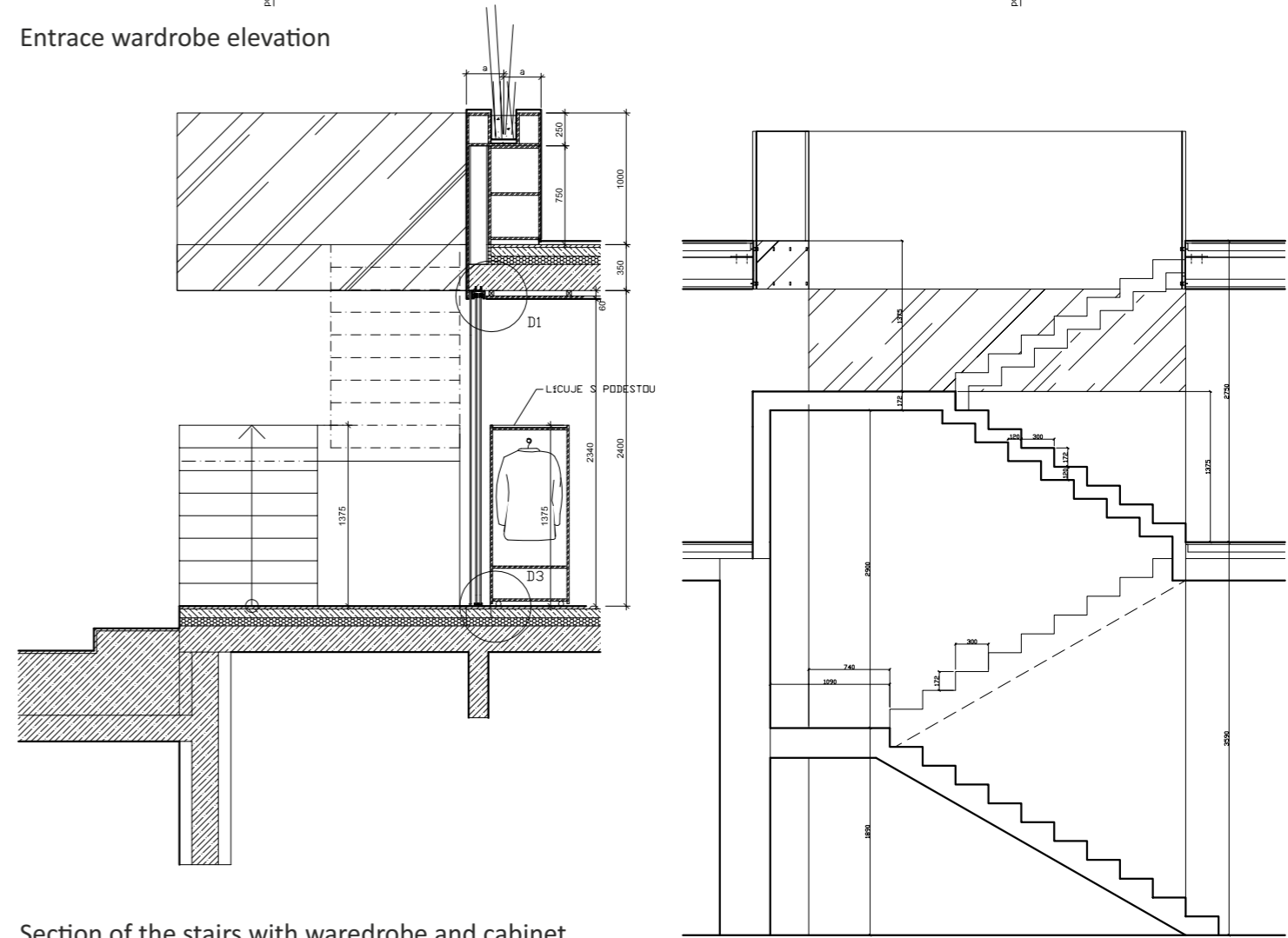
Kitchen elevation



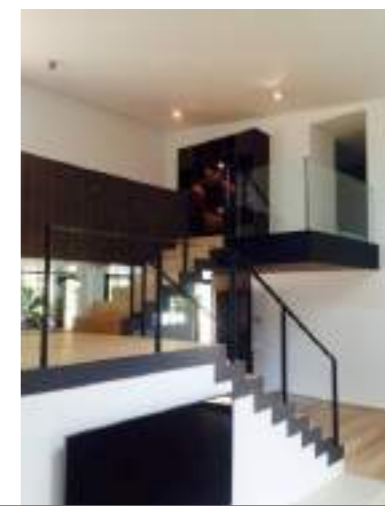
Kitchen layout



Entrance wardrobe elevation



Section of the stairs with wardrobe and cabinet



08

APARTMENT RENOVATION

Slaný, Czech Republic

Freelancer
2017

Autocad
SketchUp

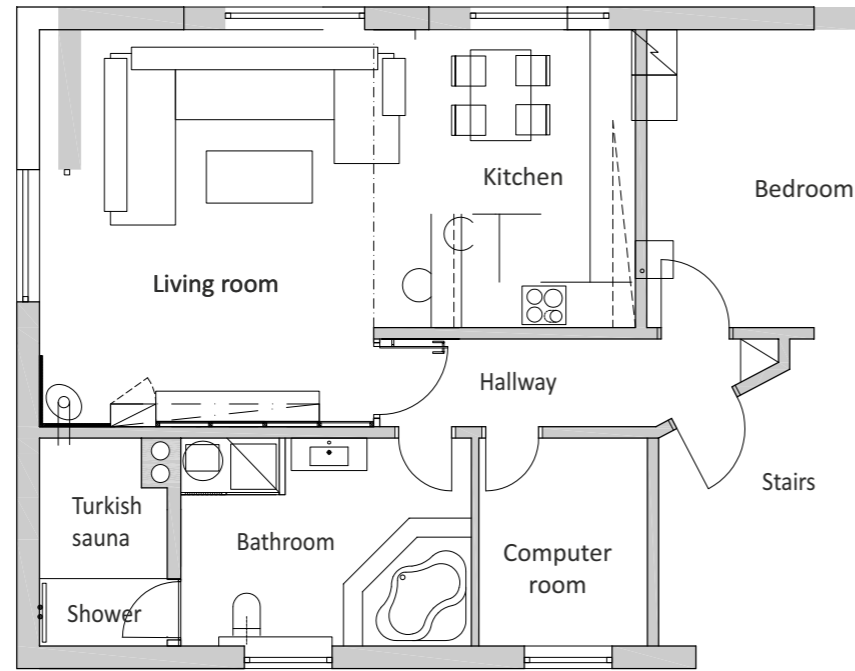
The private apartment is situated on the 2nd floor of villa in Slaný. Renewal took place 20 years after previous one.

First phase of renovation was focused on the kitchen, living room and bathroom with a new turkish style sauna.

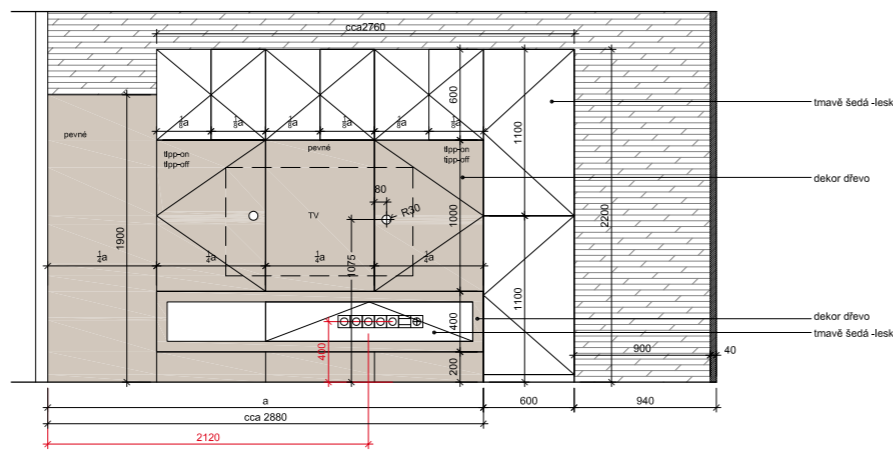
BEFORE



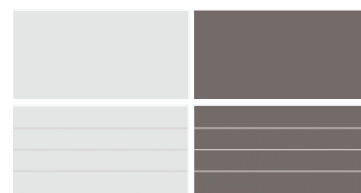
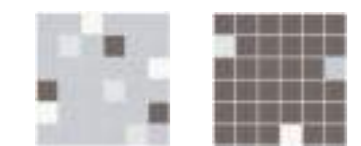
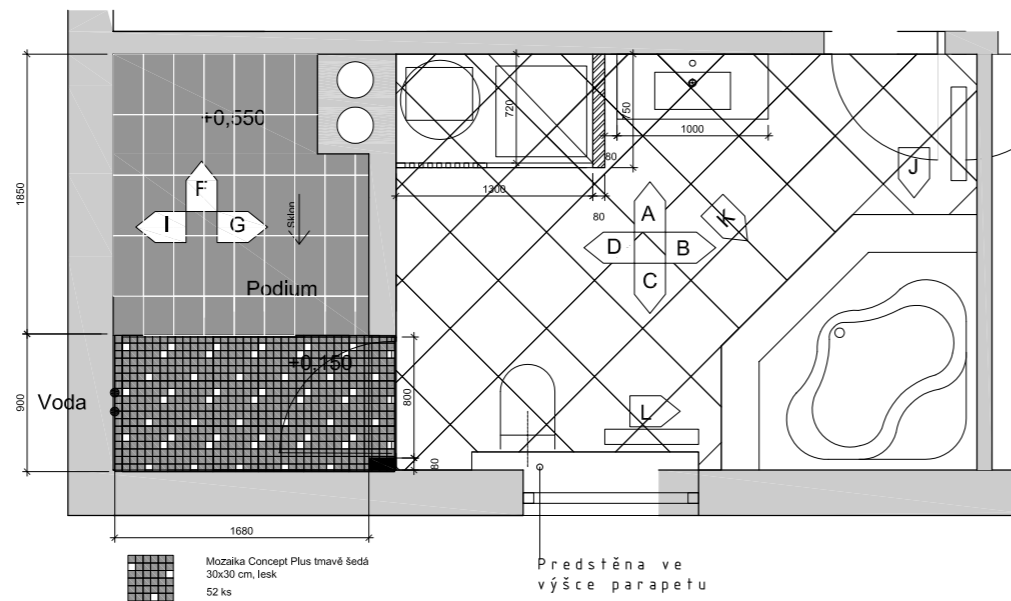
AFTER



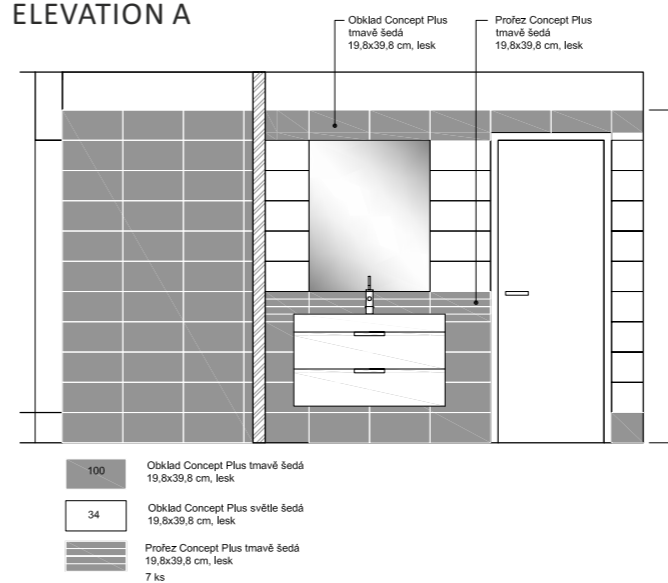
LIVING ROOM TV WALL AND CABINETS



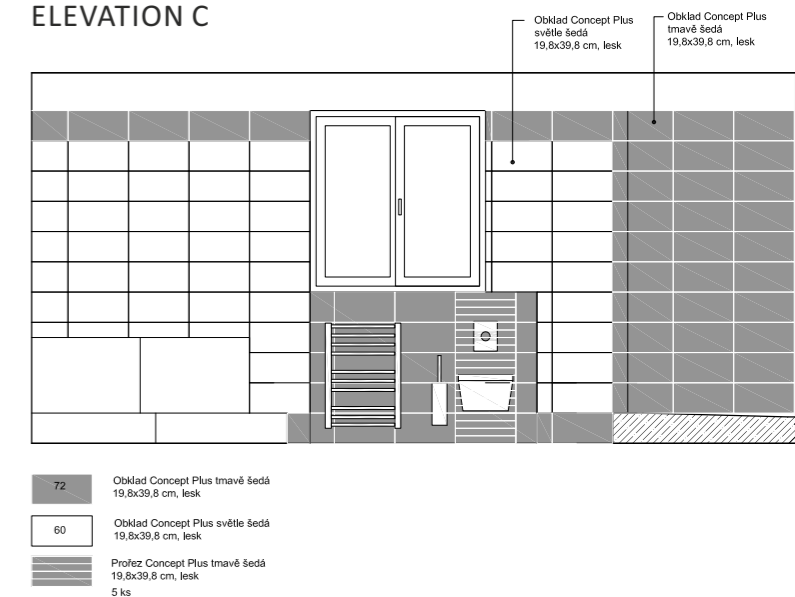
BATHROOM LAYOUT



ELEVATION A



ELEVATION C



REFERENCES

Veronika Zizkova (Patkova) works in Archbau Architecture Studio since June 2012 untill 2015. Our studio is dedicated to the design and complete construction. Part of the studio is own furniture factory.

Veronika has worked on projects such as house Netolice, villa Nebusice, villa Perner in Liberec, Sivok villa in Hluboka nad Vltavou, brewery conversion in to the apartments in Ceske Budejovice, Czech pavilion EXPO 2015 Milan.

Some of her roles in the company are to design family houses, interior concepts of various projects, design of built-in and standalone furniture and also architecture details. Miss Veronika makes 3D models and visualisations.

Miss Veronika is a fast-learner, team oriented, responsible and creative hard worker. When assigned to a project she performs accurately and with high punctuality. Without any hesitation she smoothly adapted to our team work process and workload. She is also able to work on her own. I am very satisfied with her results and I would definitely offer her current job role again. I could recommend her to any relevant job in an architecture studio.

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ZIP code 110 00
info@archbau.cz
Tel.: +420 776 054 045

Personally, I am very pleased, and I'll miss her from the office. Her work ethic was fantastic and I think she mastars technical, presentation and design skills.

I believe that she is more confident because she worked on real projects, and I am sure that she will be good asset to anyone who will employ her. Especially with the boumerang house, which was a more complicated project (because of the shape), She improved her 3D skills.

DipArch Andreas Vardas (member of R.I.B.A)
Company Director/Owner
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