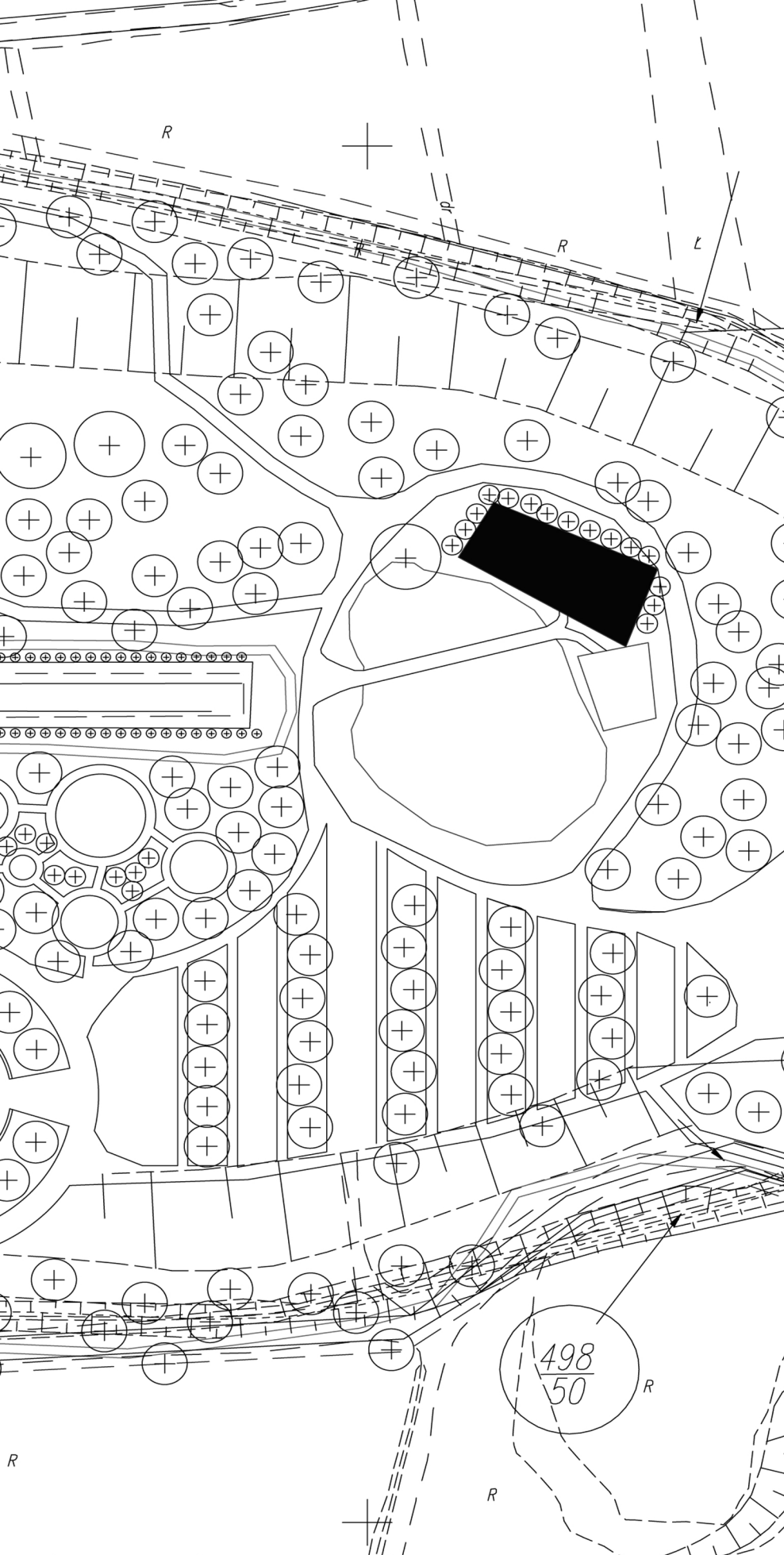


PORTFOLIO ARCHITECTURE DESIGN

JAKUB WRECZYCKI



I AM 3RD YEAR ARCHITECTURE STUDENT, STILL LOOKING FOR A PLACE TO LEAVE A MARK ON THE WORLD. I ENTHUSIASTICALLY LOOK TO BROADEN MY KNOWLEDGE ABOUT WORLD AND ARCHITECTURE.

ON EQUAL BASIS TO DESIGNING I LOVE SPENDING MY FREE TIME READING BOOKS OF ALMOST ANY SORT.

I WAS BEWILDERED BY ARCHITECTURE SINCE YOUNG AGE. BEING ABLE TO CREATE SOMETHING OF GREAT IMPORTANCE, STURDY AND MEANINGFUL ALWAYS APPEALED TO ME.

EXPERIENCE

BM PROJEKT
JULY - AUGUST 2012

GROUP_A ARCHITECTS
DECEMBER - JANUARY 2011/2012

JRK72
JULY - AUGUST 2013

REFERENCES

MARIAN MOSZCZYNSKI
BM PROJEKT
E: BMPROJEKT@INTERIA.PL

JACEK KRYCH
JRK72
E: INFO@JRK72.PL

EDUCATION

SILESIA UNIVERSITY OF TECHNOLOGY
ARCHITEKTURA I URBANISTYKA 2011 -

SOFTWARE

AUTODESK
AutoCAD
AutoCAD REVIT
3DS MAX

GRAPHISOFT
ARCHICAD
ARTLANTIS 3D STUDIO

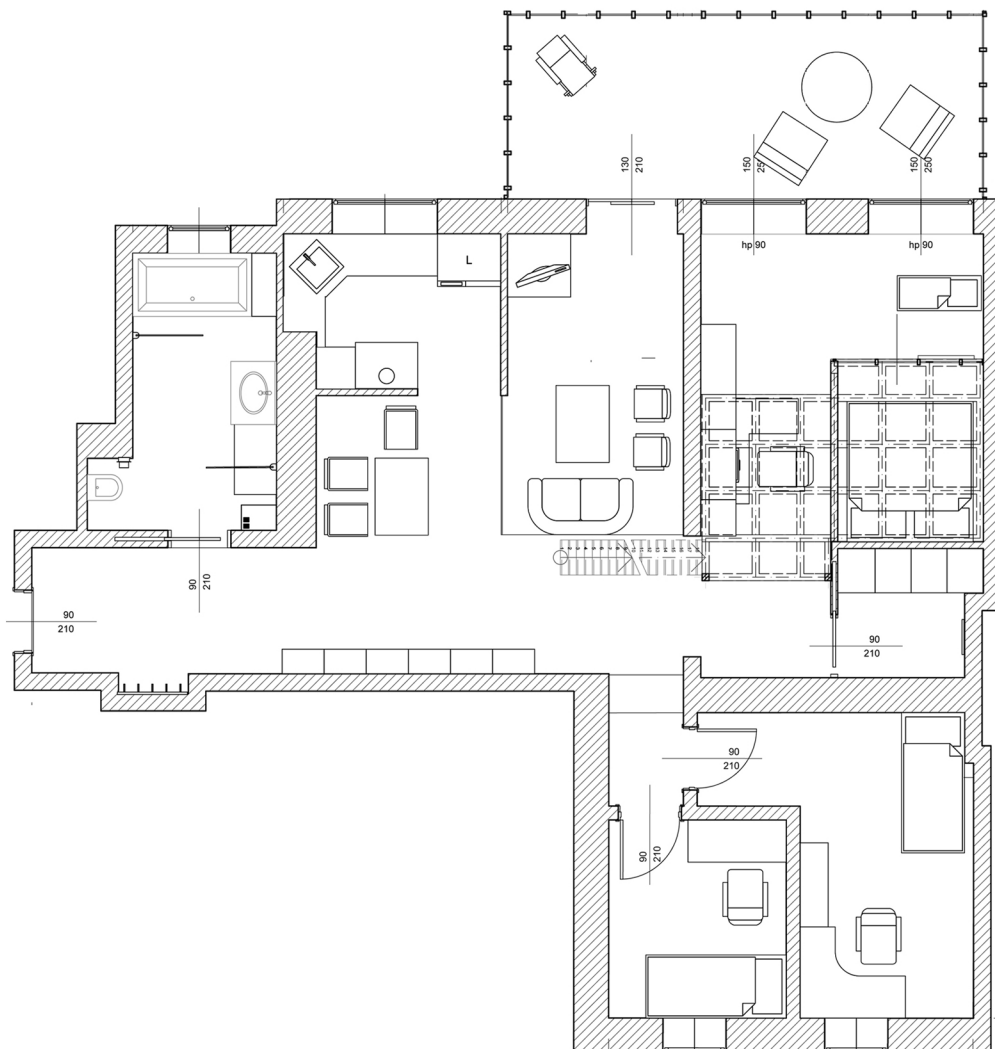
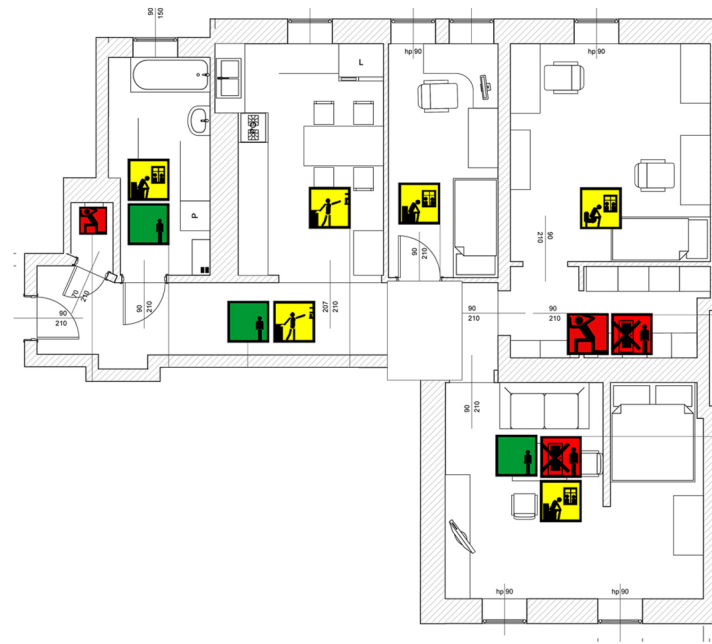
ADOBE
PHOTOSHOP
AFTER EFFECTS

GOOGLE
SKETCHUP 3D

MICROSOFT
WINDOWS 7 VISTA XP
WORD
POWERPOINT
EXCEL

THE AIM WAS TO REEVALUATE THE ERGONOMICS OF THE APARTMENT AND REDESIGN IT TO MEET THE NEEDS OF A GROWING FAMILY.

IT WAS ACHIEVED THROUGH CONNECTING TWO BATH-ROOMS TOGETHER, AS WELL AS ONE BEDROOM WITH THE KITCHEN. IT WAS ABLE DUE TO ONE FAMILY MEMBER MOVING OUT.

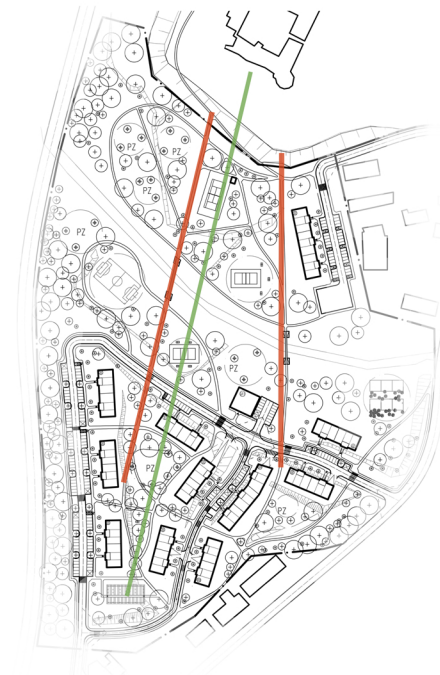


ERGONOMIC DESIGN



- road
- bike road
- pavement
- grass
- hill
- river
- ⊕ tree
- ▨ crossing
- ▲ building entrance
- ⊙ stories
- ▢ table-tennis

195 apartments
 585 tenants
 10,8 ha area
 7 ha building surface
 3,8 ha occupied surface
 7 ha green surface
 1.5 parking/tenants ratio



walk axis
 view axis

Sidealk exposing view on castle.

Terrace at the end of view axis allows to admire the enitee view.

Flooded areas prevent development of the entire area. They can be only used for recreation.

A-gas station near major communication hub.

B-One-way road for quicker travel in the area.

C-Insulating verdure from the main road.



cut through N-S axis

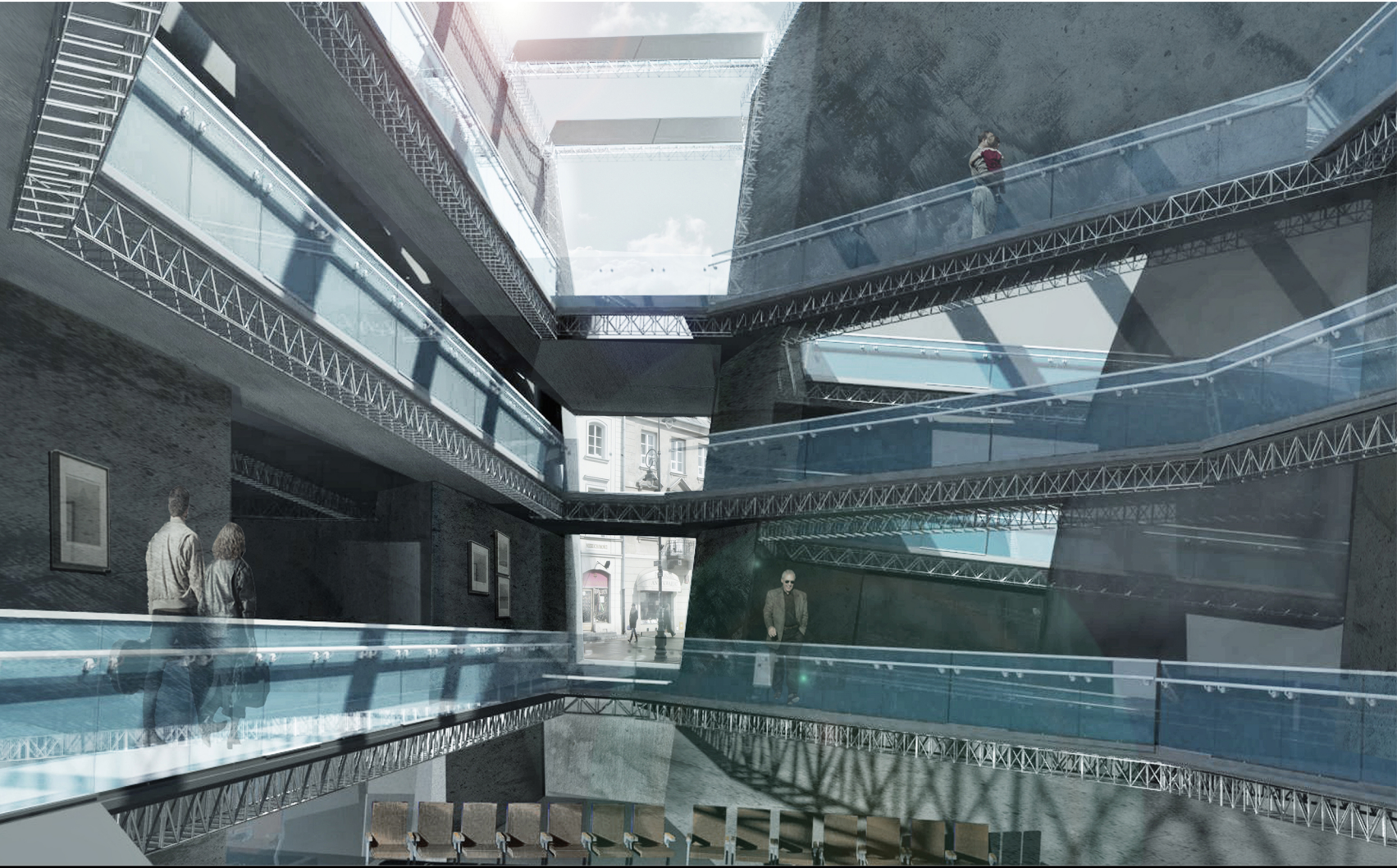
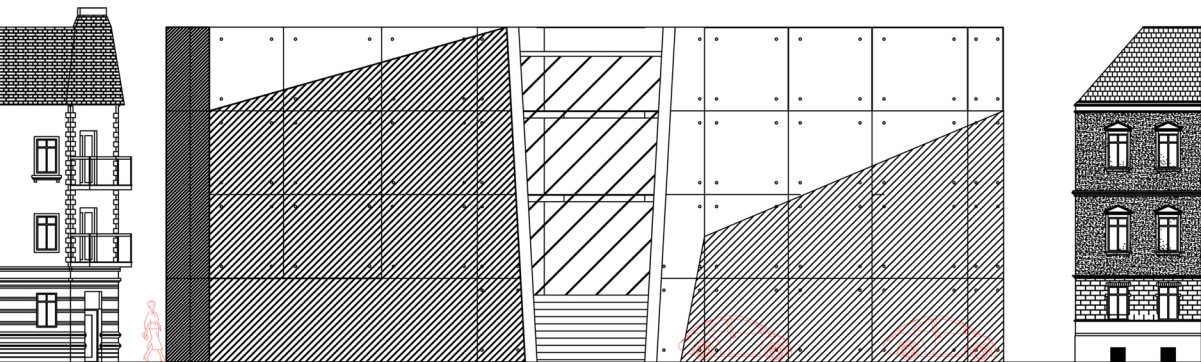
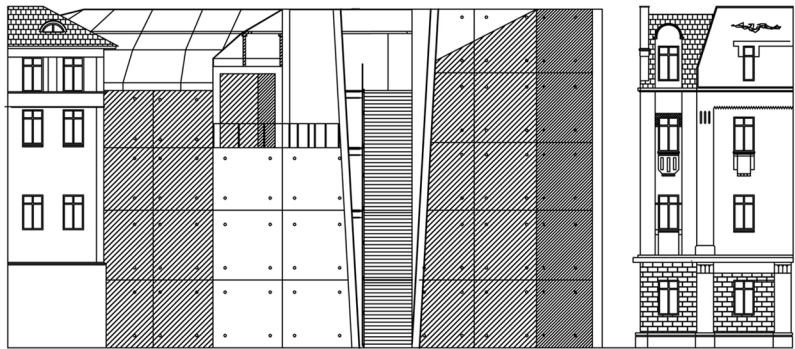
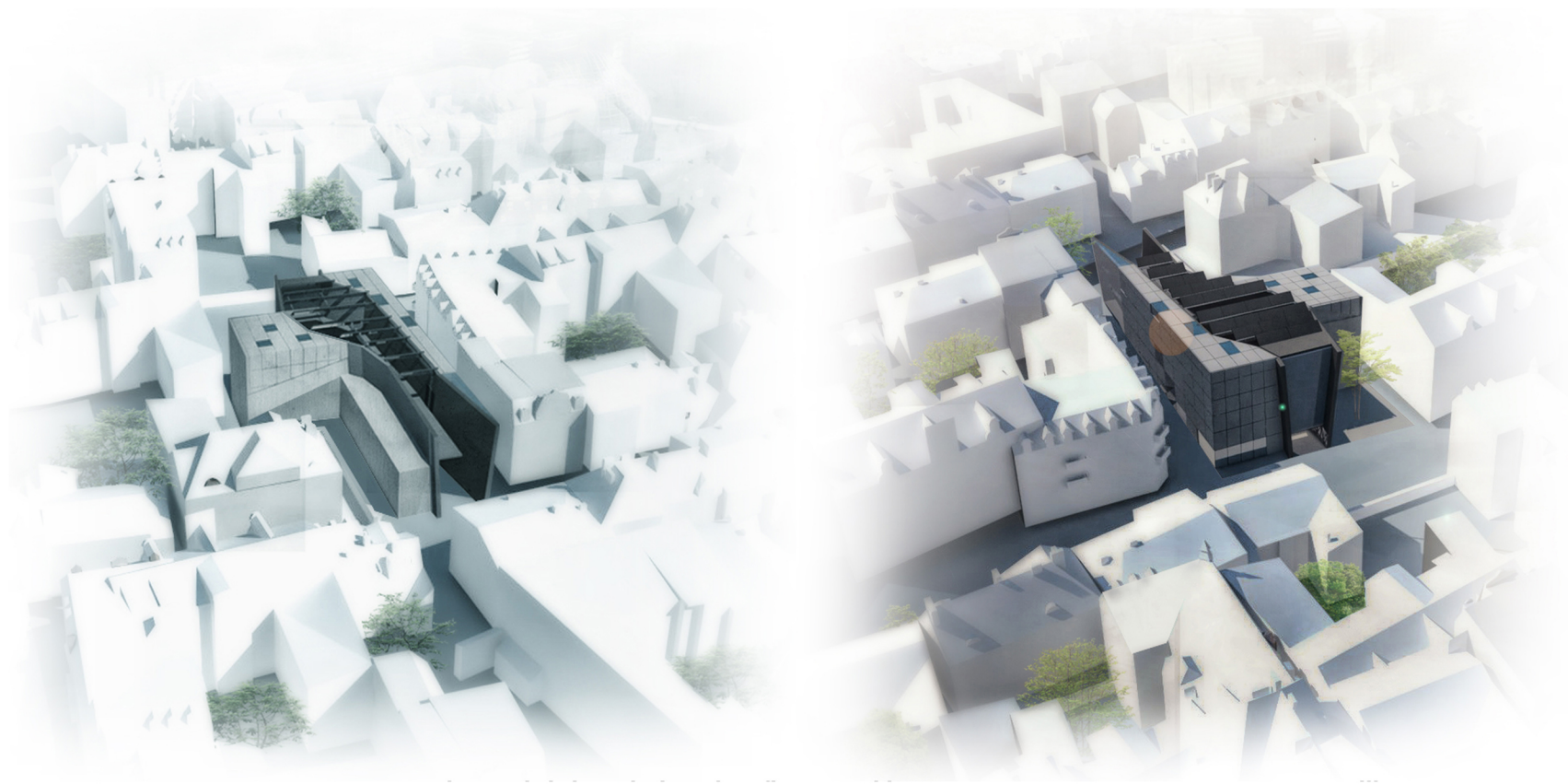


cut through view axis

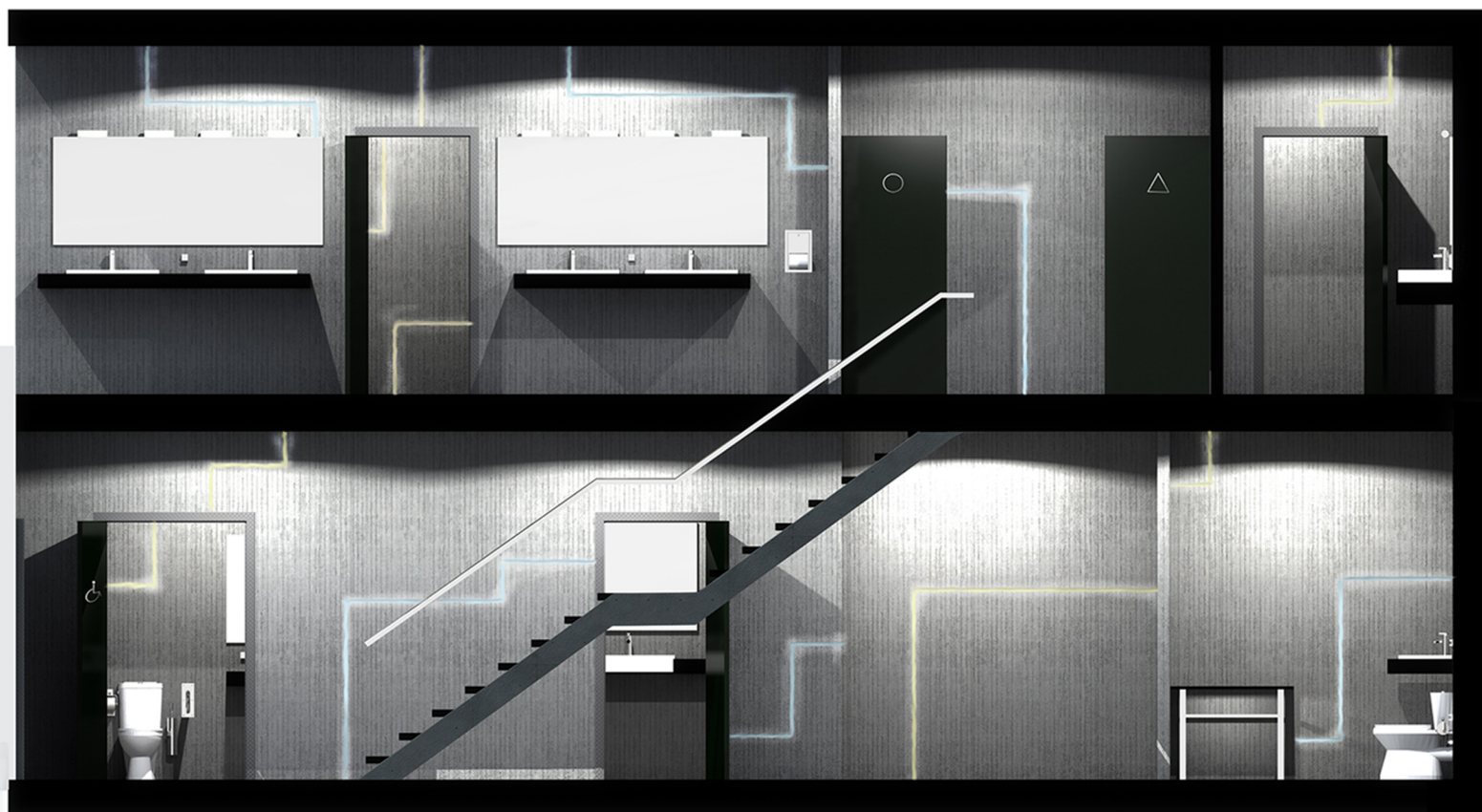
HOUSING DEVELOPEMENT

CREATING SELF-SUFFICIENT COMMUNITY CENTRE IN GLIWICE THROUGH USE OF GREEN TECHNOLOGIES WAS THE AIM OF THE PROJECT.

IT WAS ACHIEVED THROUGH USE OF CONCRETE AND SHUTTERS PLACED ON THE ROOF OF THE STRUCTURE.



GREEN ARCHITECTURE
COMMUNITY CENTRE GLIWICE

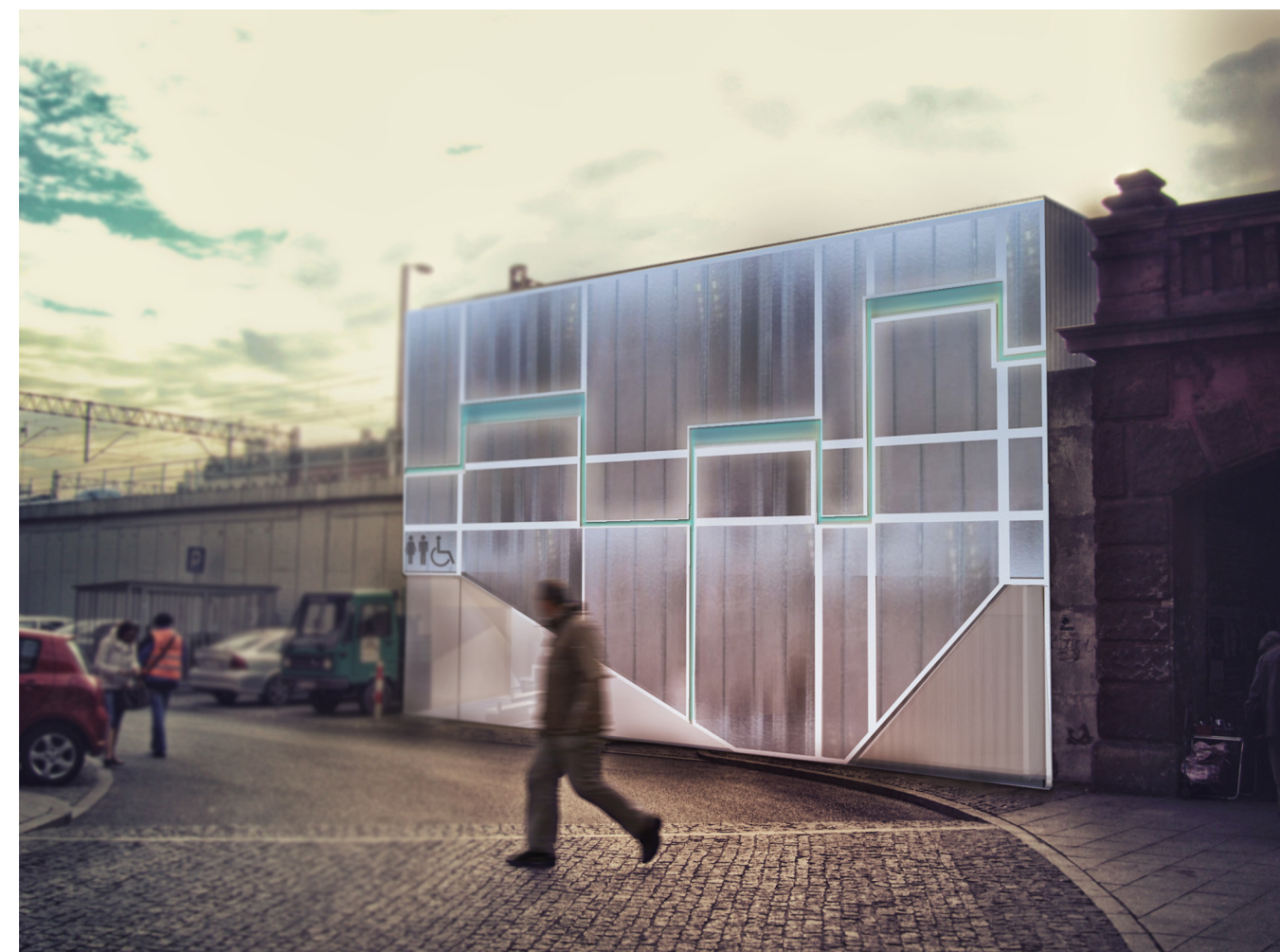


THE OBJECTIVE WAS TO CREATE A PUBLIC TOILET IN KATOWICE IN THE BACK OF A VERY POPULAR STREET DURING THE NIGHTLIFE OF THE CITY.

TO FIT INTO THE POSTINDUSTRIAL URBAN AREA WE CREATED A CONTAINER-TYPE STRUCTURE. IT'S SHAPE RESEMBLED THE ONE OF OLD RAILWAY STATION IN KATOWICE.

THE WHOLE INTERIOR IS ENHANCED BY BRIGHT STRIPES SHOWING THE WAY INTO THE SPECIFIC PARTS OF THE STRUCTURE.

BUILDING CONSISTS OF ROOMS SPECIALLY PREPARED FOR DISABLED AND PREGNANT WOMEN ALONG WITH ADMINISTRATIVE ROOM ON THE FIRST FLOOR.

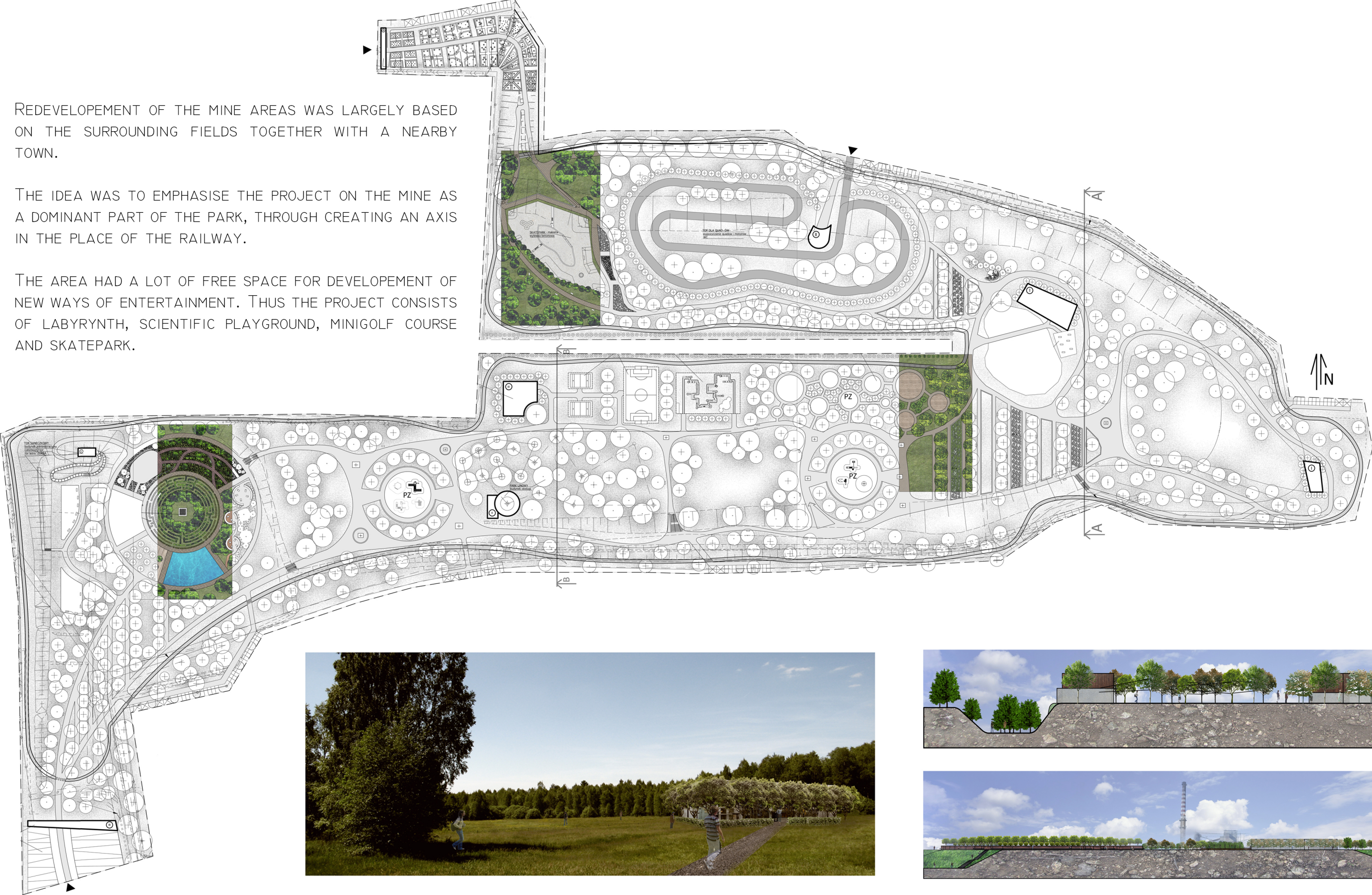


'KOLO' PUBLIC TOILET
COMPETITION PARTICIPANCE

REDEVELOPEMENT OF THE MINE AREAS WAS LARGELY BASED ON THE SURROUNDING FIELDS TOGETHER WITH A NEARBY TOWN.

THE IDEA WAS TO EMPHASISE THE PROJECT ON THE MINE AS A DOMINANT PART OF THE PARK, THROUGH CREATING AN AXIS IN THE PLACE OF THE RAILWAY.

THE AREA HAD A LOT OF FREE SPACE FOR DEVELOPEMENT OF NEW WAYS OF ENTERTAINMENT. THUS THE PROJECT CONSISTS OF LABYRINTH, SCIENTIFIC PLAYGROUND, MINIGOLF COURSE AND SKATEPARK.

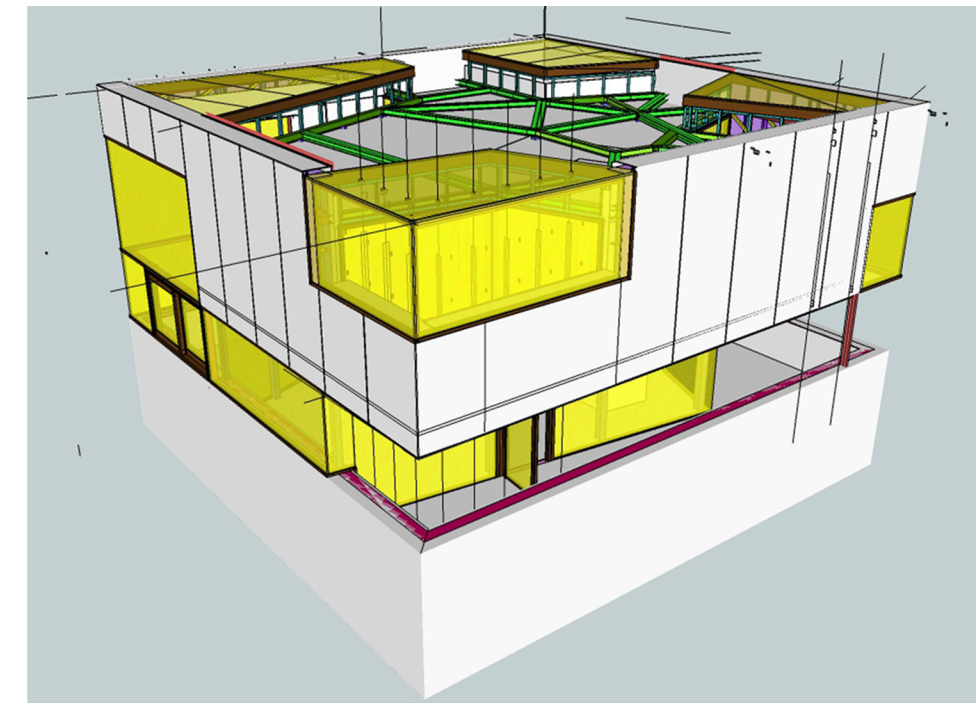
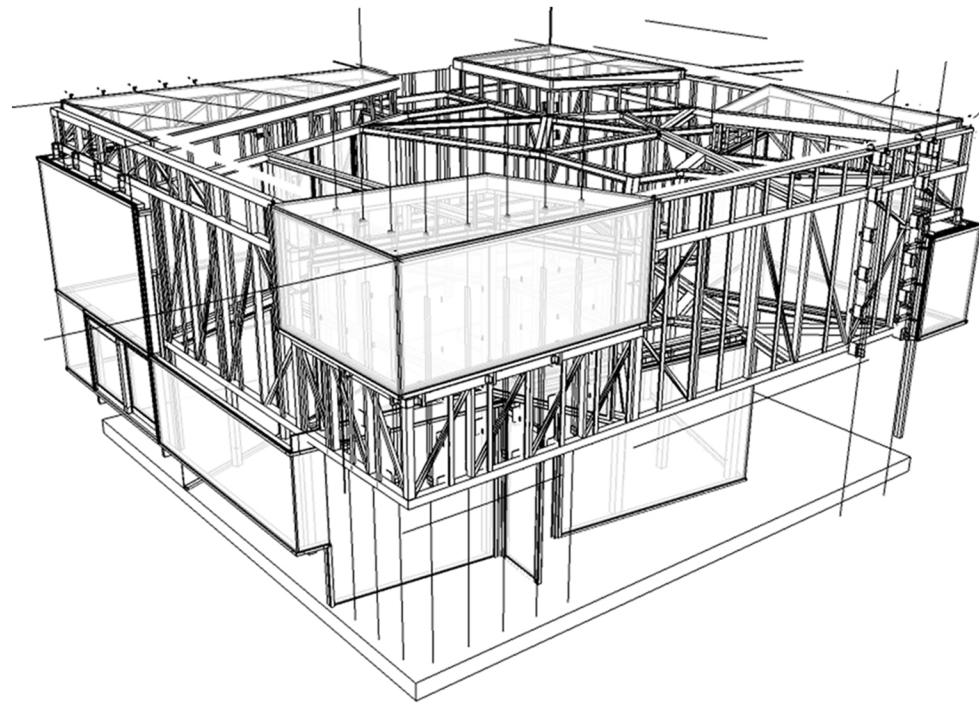
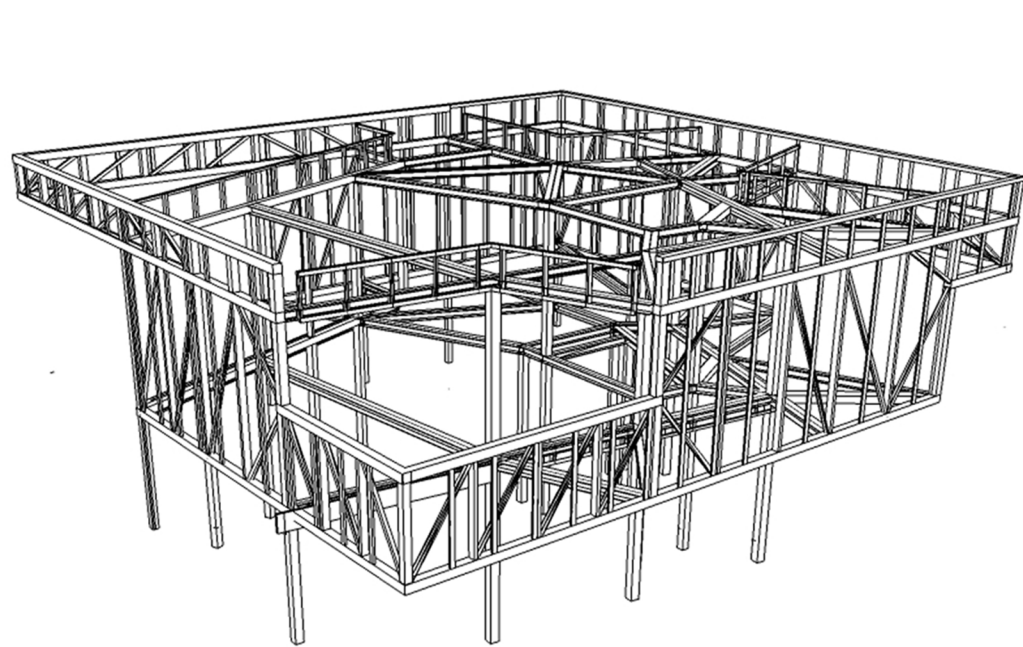
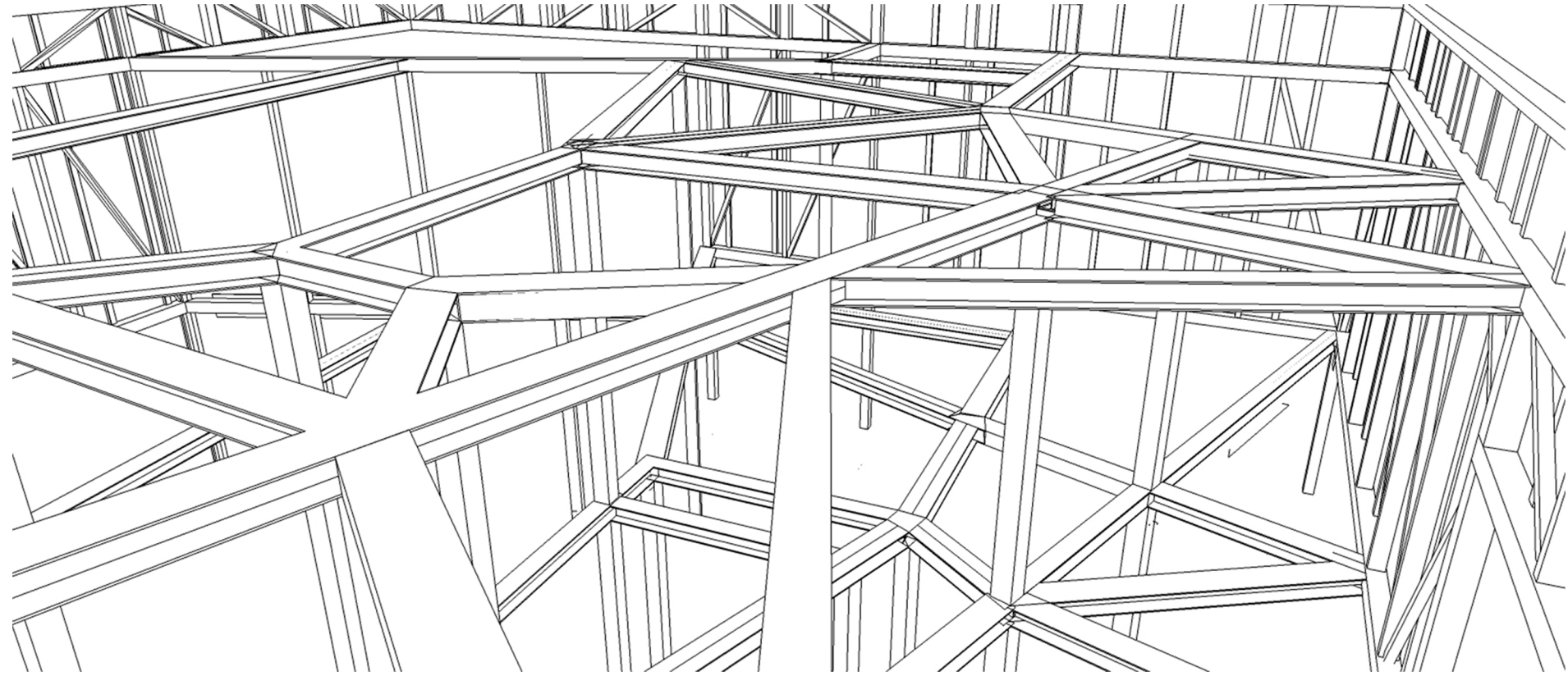


PNIOWEK MINE AREA REDEVELEPEMENT
COMPETITION PARTICIPANCE - HONORABLE MENTION

THE COMPLEX 3D STRUCTURE WAS CREATED THROUGH USE OF A PROGRAM SIMPLE TO USE FOR EVERYONE.

THE TARGET OF THE MODEL WAS TO ALLOW THE ENGINEERES TO FACILITATE THE CONSTRUCTION OF THE REINFORCEMENTS AND STEEL HANGERS TOGETHER WITH OTHER PARTS OF THE STRUCTURE.

IT WAS ACHIEVED THROUGH USE OF MULTIPLE LAYERS. IT ALLOWED TO SEE EVERY SPECIFIC PART OF THE STRUCTURE.

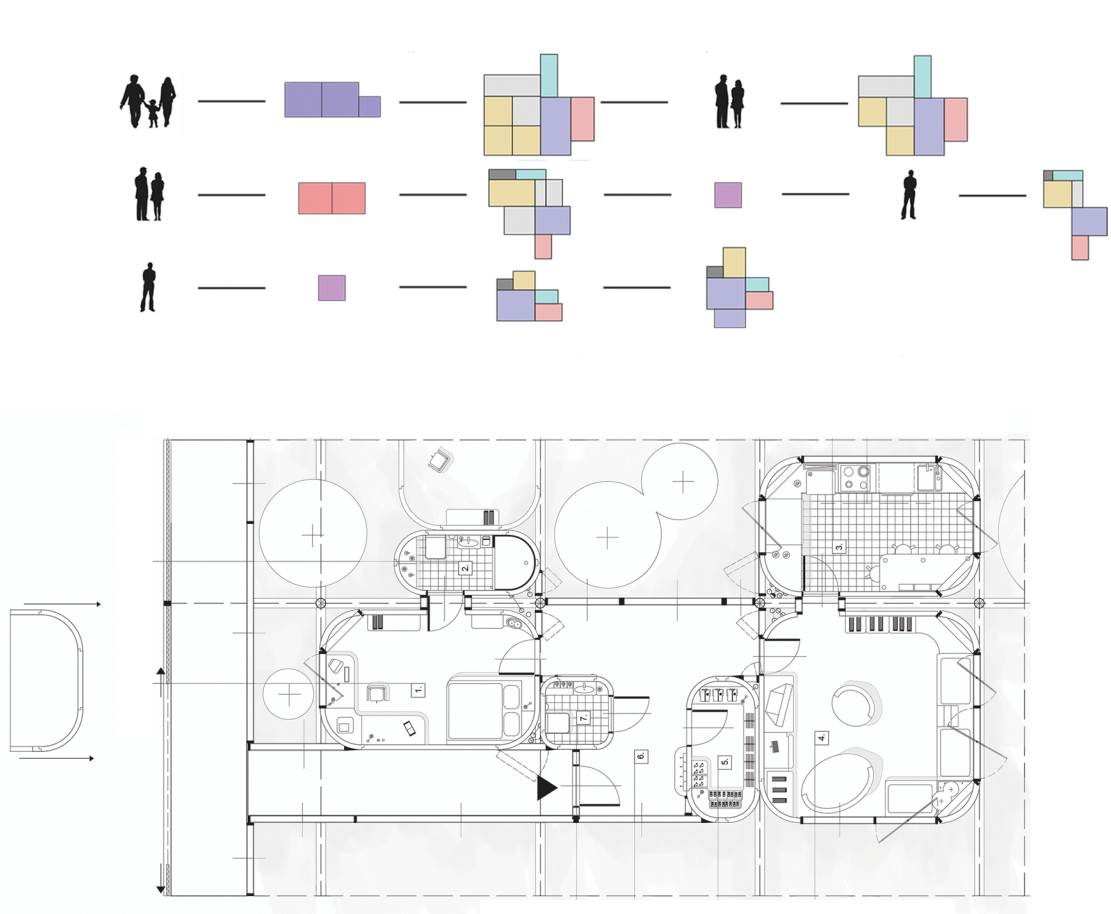


3D MODELLING
FOR DIRECT ON-CONSTRUCTION SITE VIEW

THE TARGET OF THE PROJECT WAS TO CREATE A PLACE TO LIVE FOR MULTITUDE OF PEOPLE.

THE DISTINGUISHING ASPECT OF THE IDEA WAS THE ABILITY TO DIFFERENTIATE THE SHAPES OF EVERY APARTMENT.

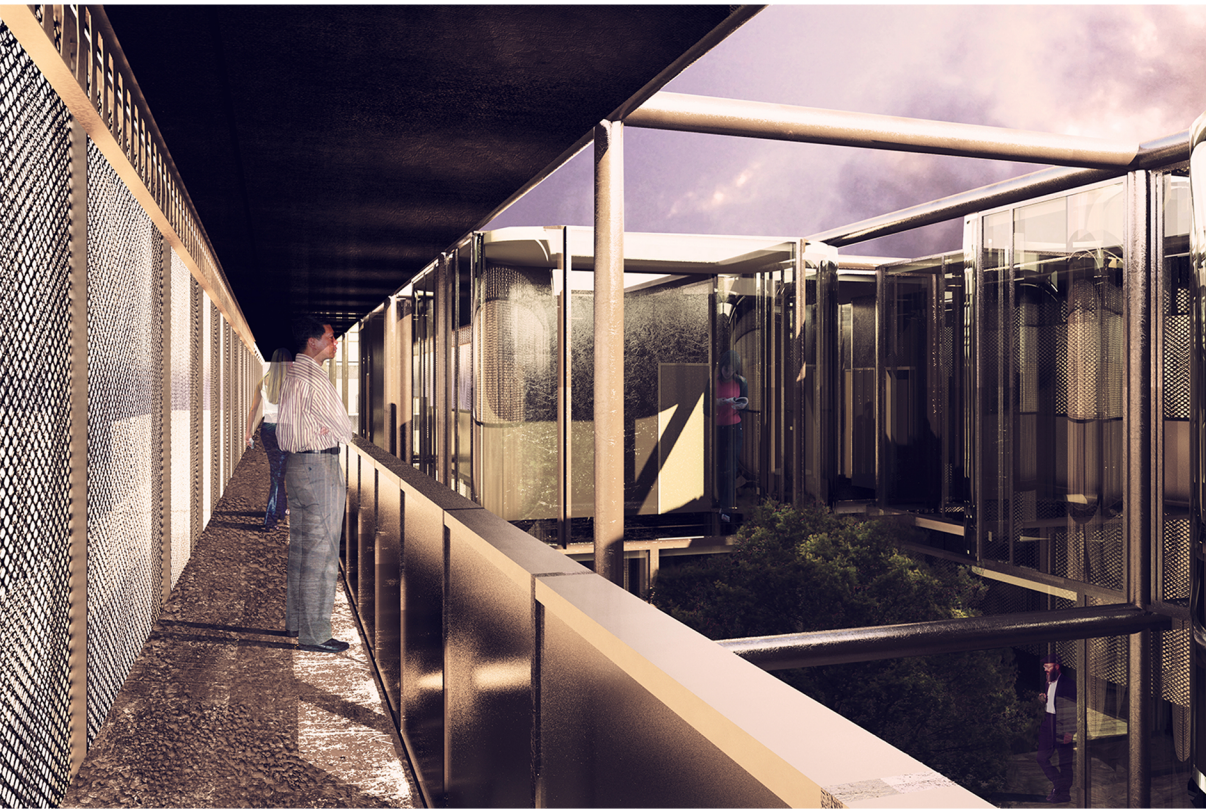
IT WAS POSSIBLE THROUGH SMART USE OF ROOMS AS AUTONOMIC PARTS OF THE STRUCTURE. THEY COULD BE REPLACED FOR SMALLER EQUIVALENTS OR COMPLETELY DISREGARDED IF NOT NEEDED.



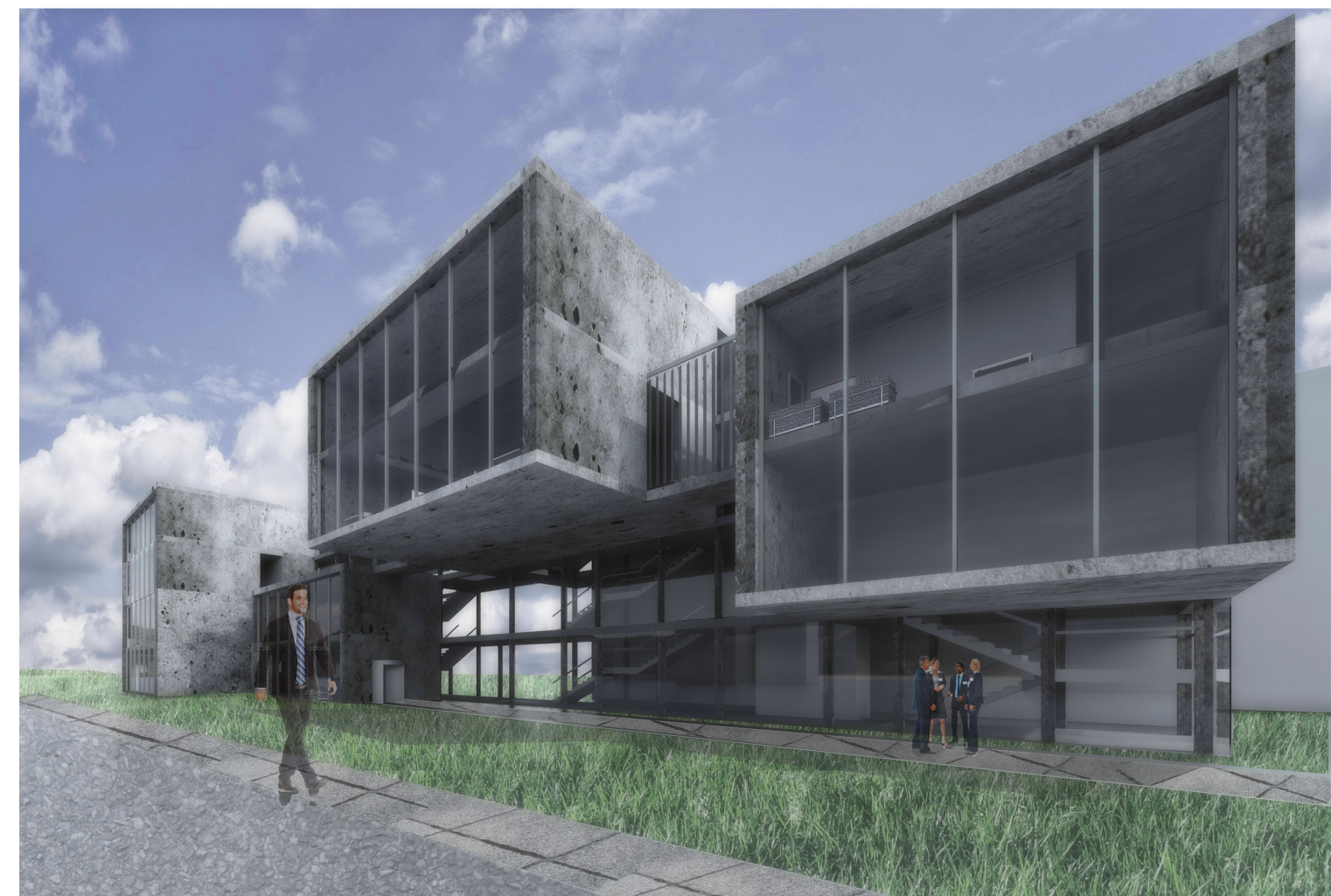
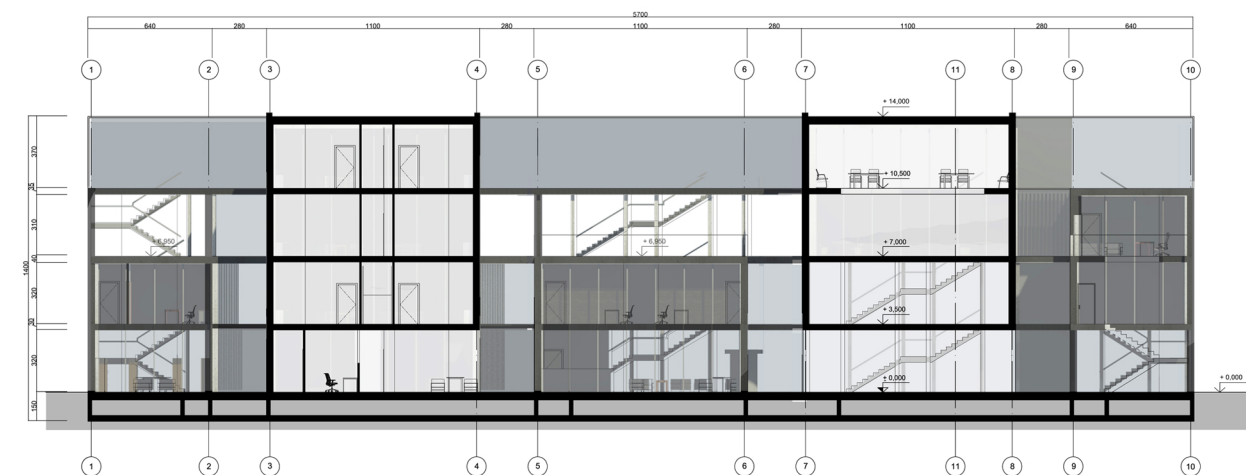
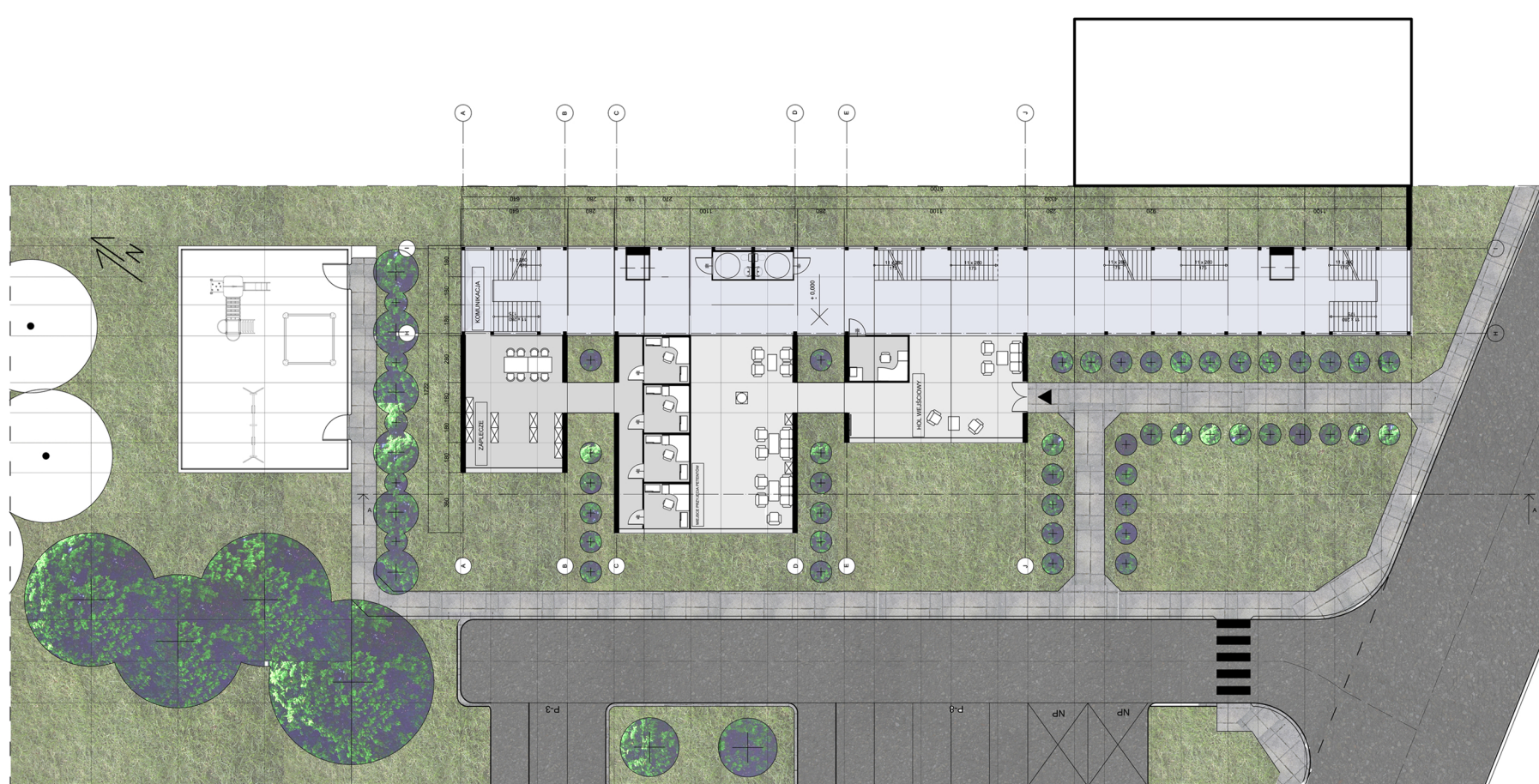
SUNRAYS NOVEMBER



SUNRAYS JUNE



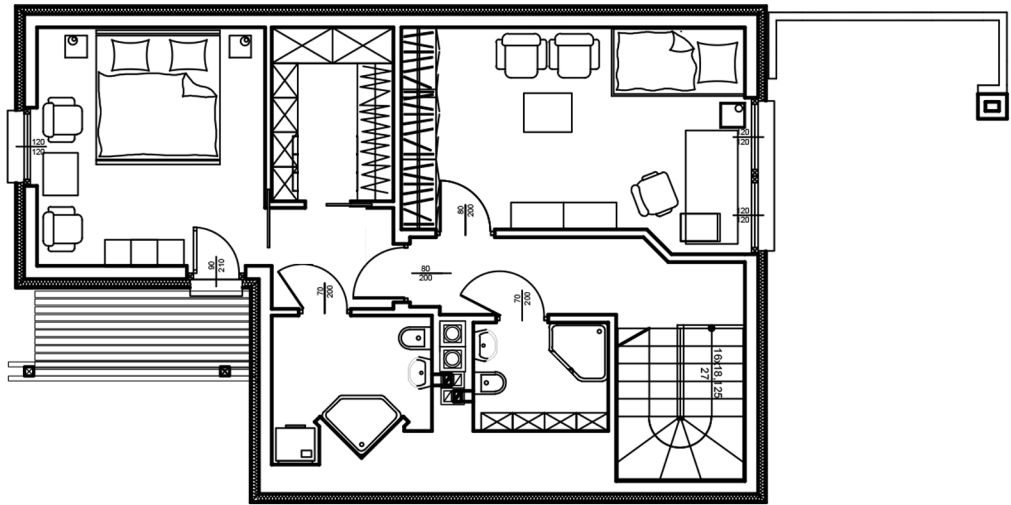
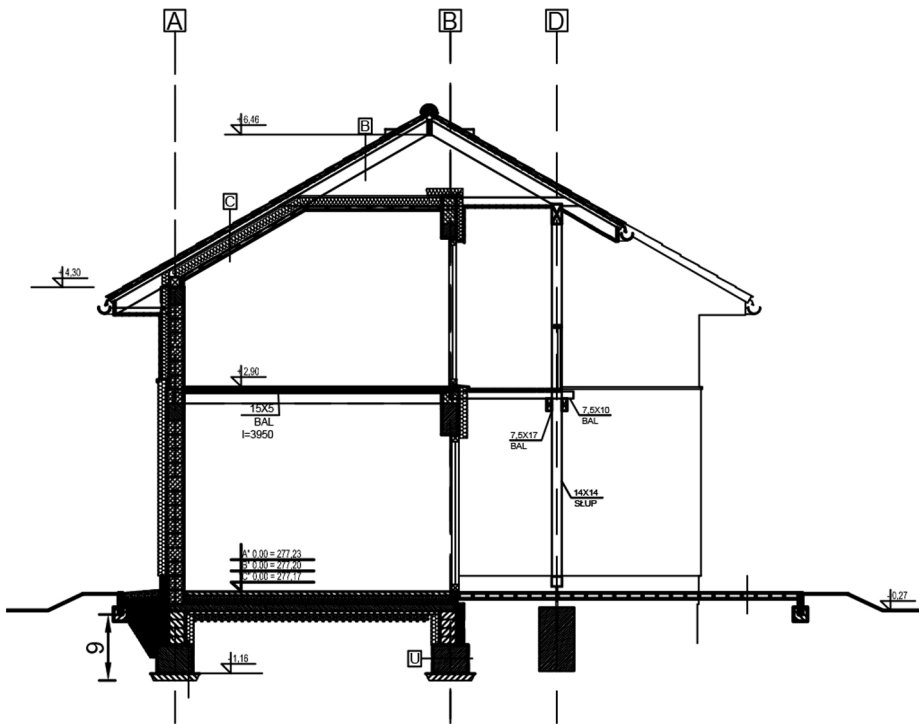
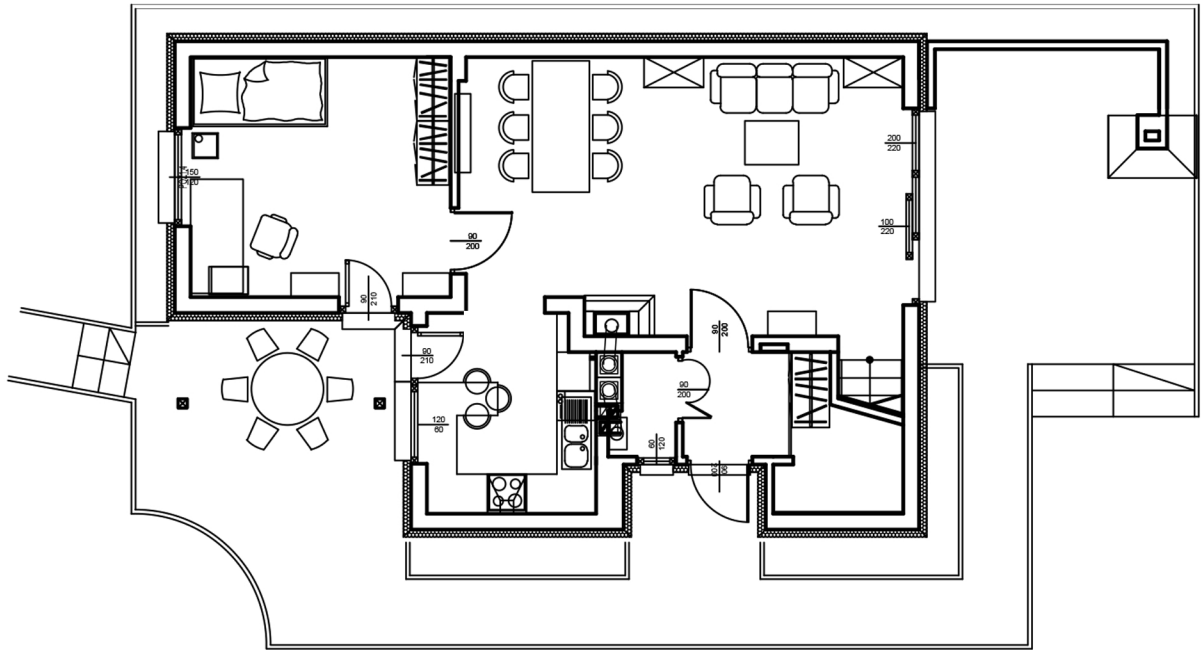
RYBNIK HOUSING AREA DESIGN



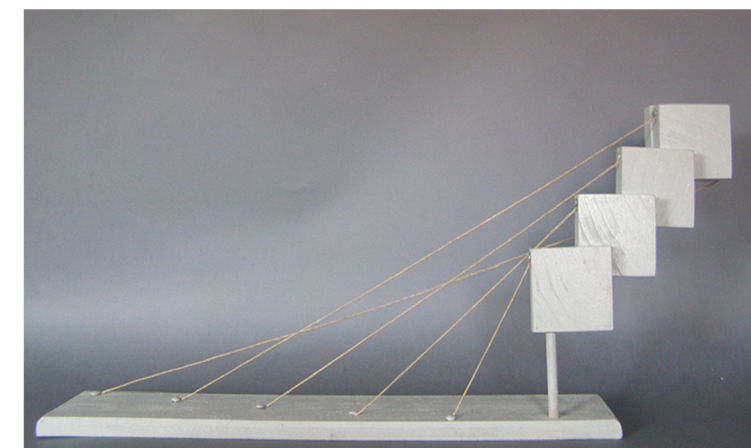
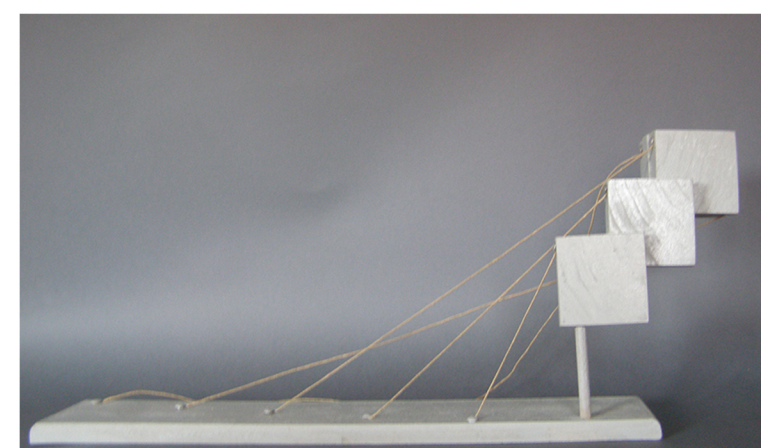
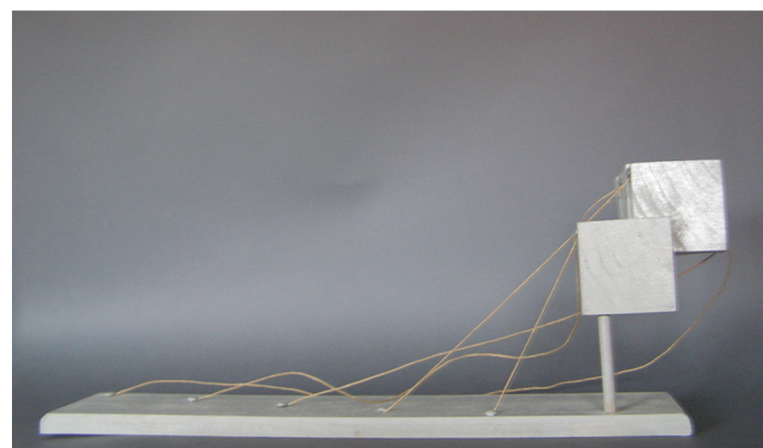
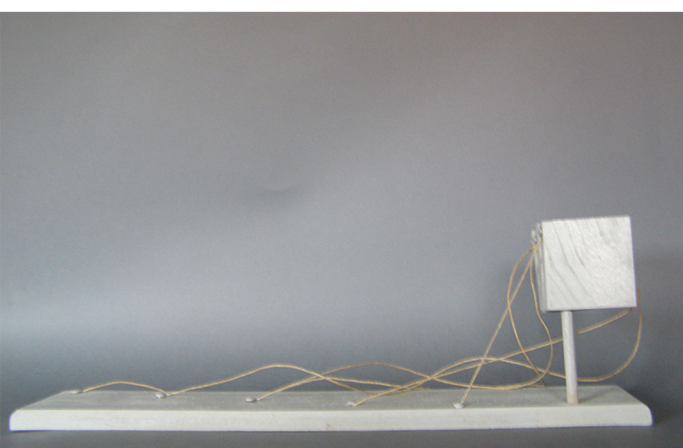
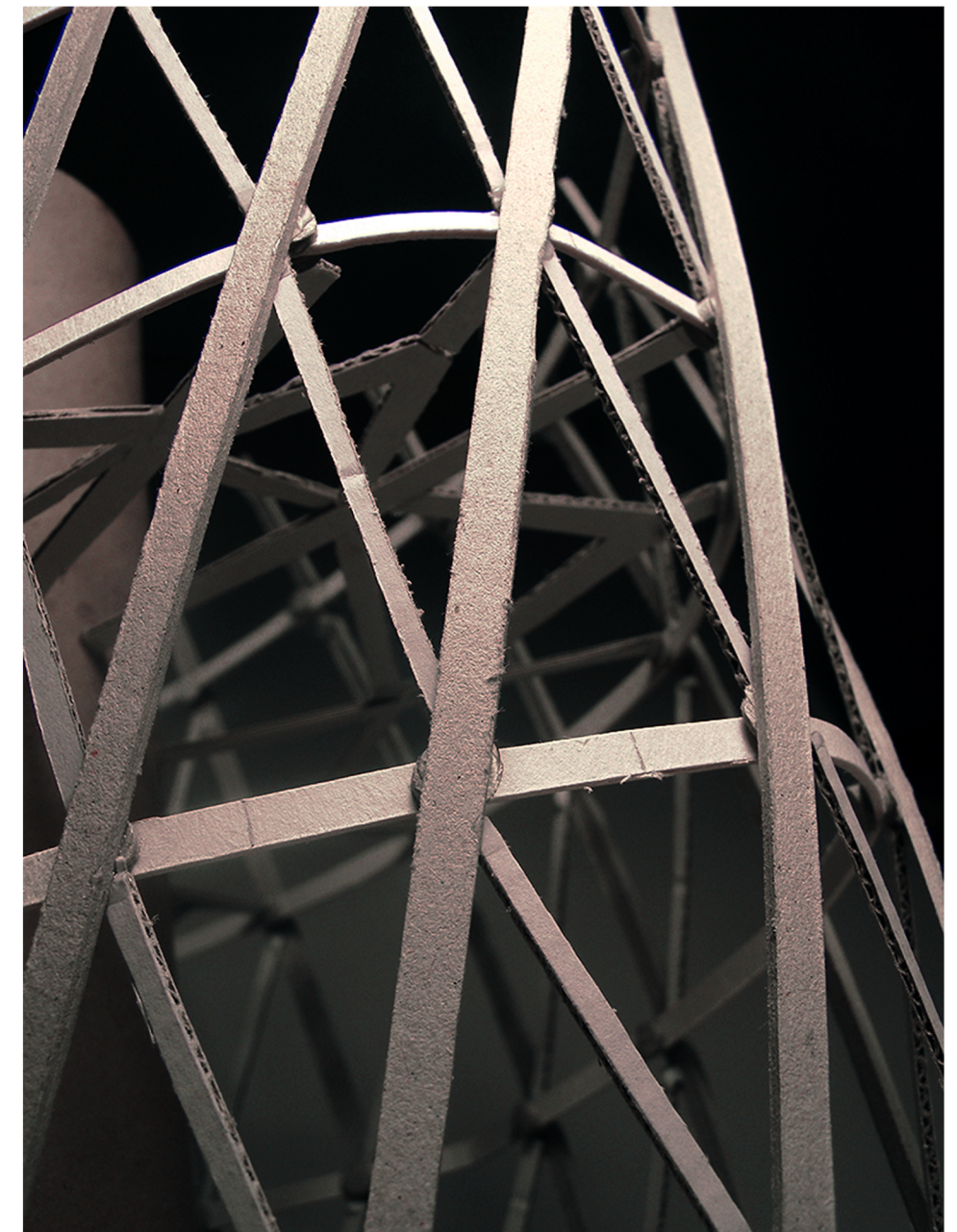
CITY COUNCIL SOSNICOWICE

THE OBJECTIVE WAS TO DESIGN THE LEAST EXPENSIVE SINGLE- FAMILY HOUSE.

THIS WAS ACHIEVED WITH MODER-
ATE EASE, THANKS TO ITS SMALL
SIZE AND USE OF GREEN TECHNOLO-
GIES.



FINISHED PROJECTS
SINGLE-FAMILY HOUSE



SCULPTURE

