

ARCHITECTURE PORTFOLIO

from Cemre Bayatlier



0

Bachelor Architecture
Application Portfolio
Selected Works

1

1-2. Design Semester
supervised by
Prof. Enrique Sobejano

2

3-4. Design Semester
supervised by
Prof. Bettina Götz

3

Internship
roedig.schop Architects Berlin
Buun Motto Architects Istanbul

4

5. Design Semester
supervised by
Prof. Markus Bader

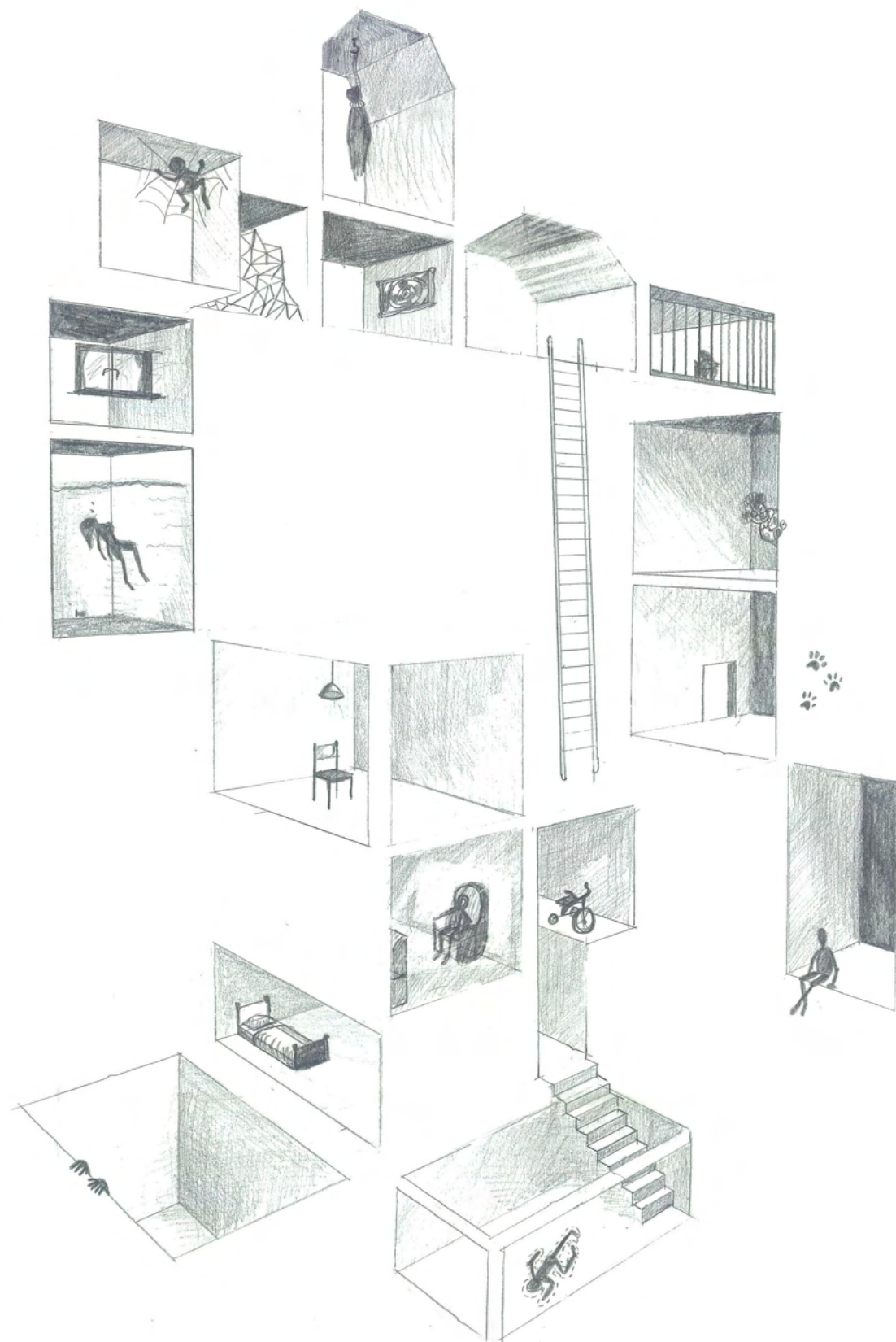
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6. Design Semester
Exchange Semester at
RMIT Melbourne

6

Bachelorthesis 2019
Design Project supervised by
Prof. Götz and Prof. Schultheiß

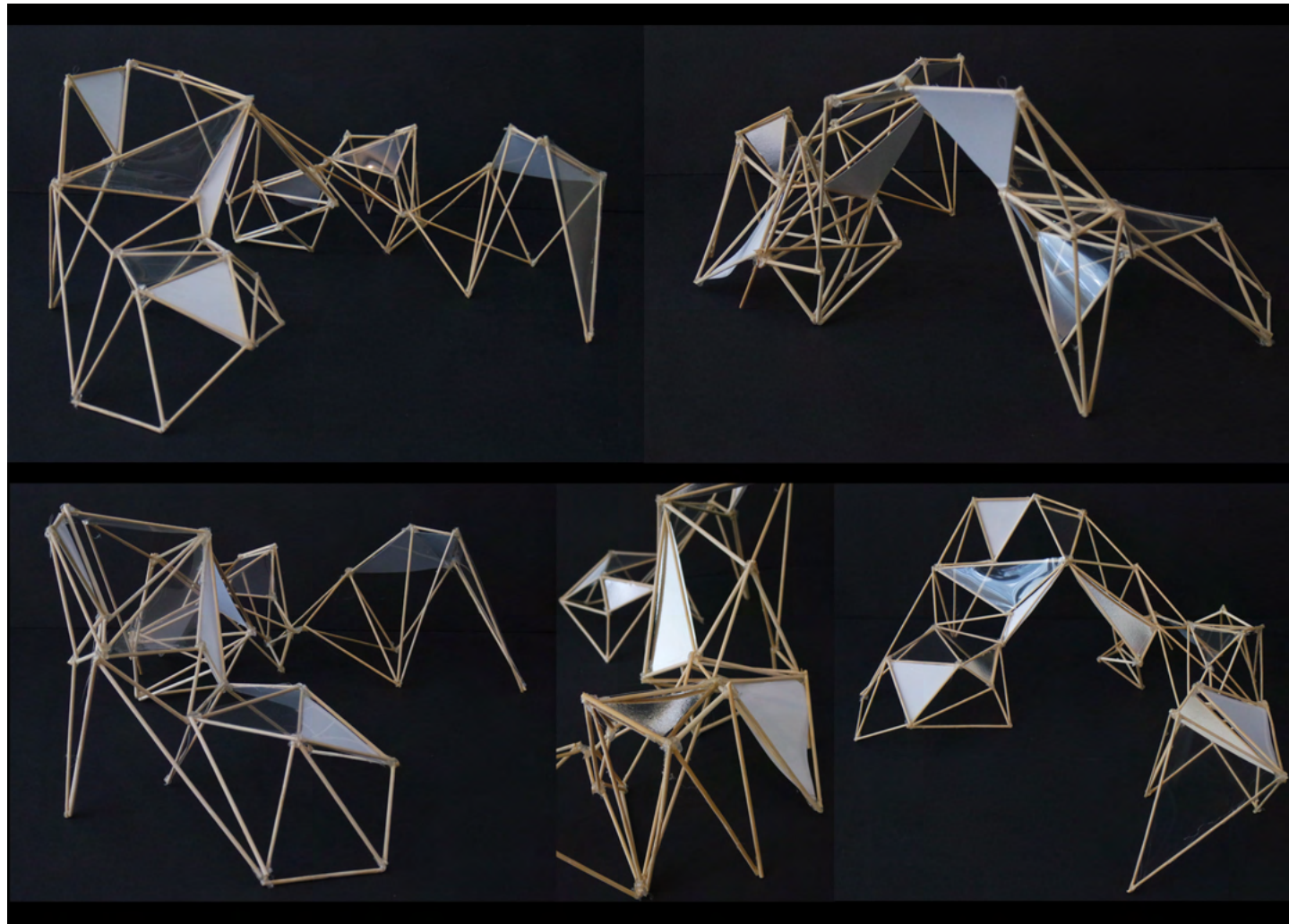
TABLE OF CONTENTS



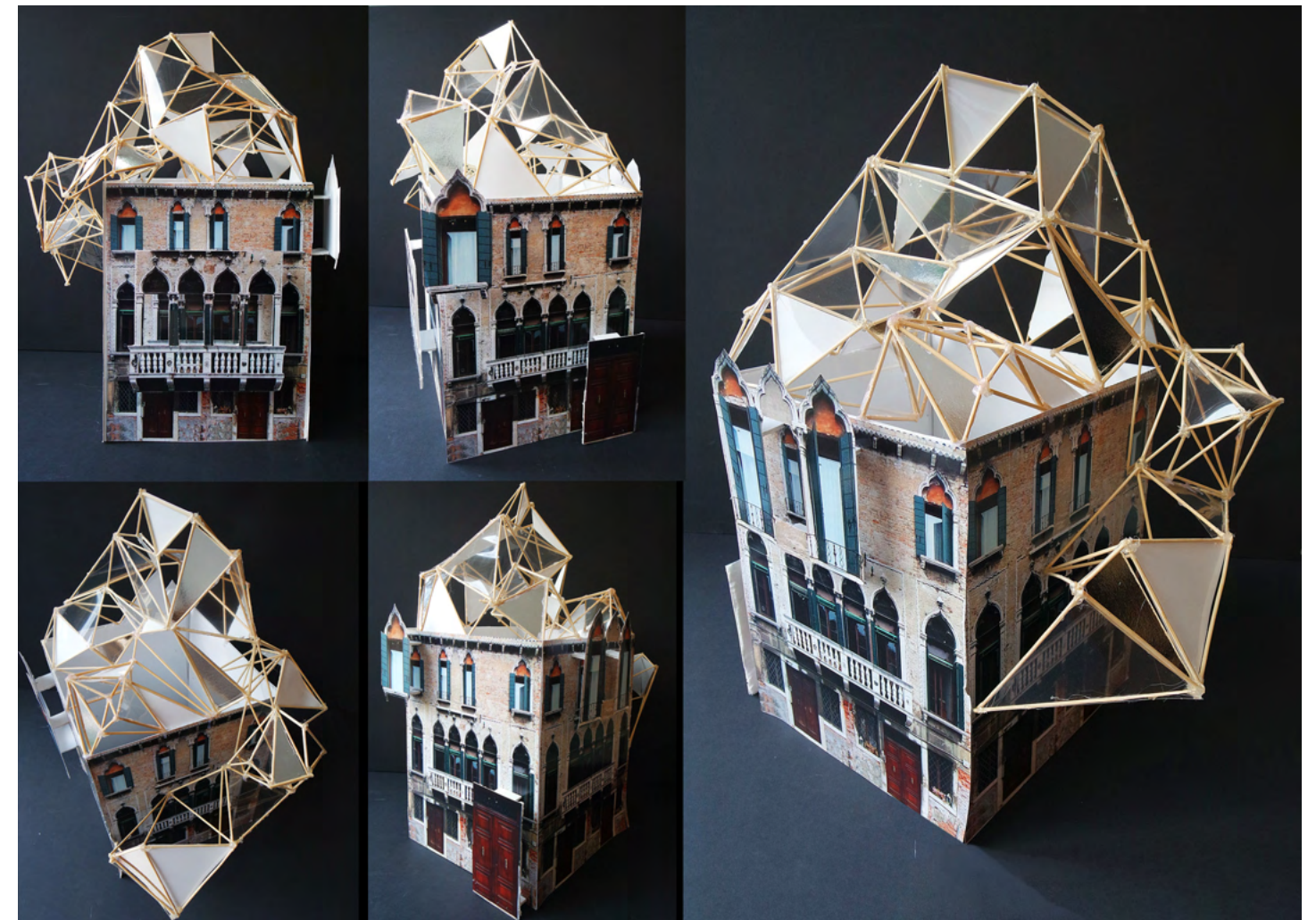
STUDY OF THE CONCEPT OF "ROOM/ SPACE"



PHOTO OF A MOSQUE IN ISTANBUL
AND A COLLAGE OUT OF IT'S SEGMENTS



MODEL OF AN ABSTRACT 3D STRUCTURE OUT OF PRISMS



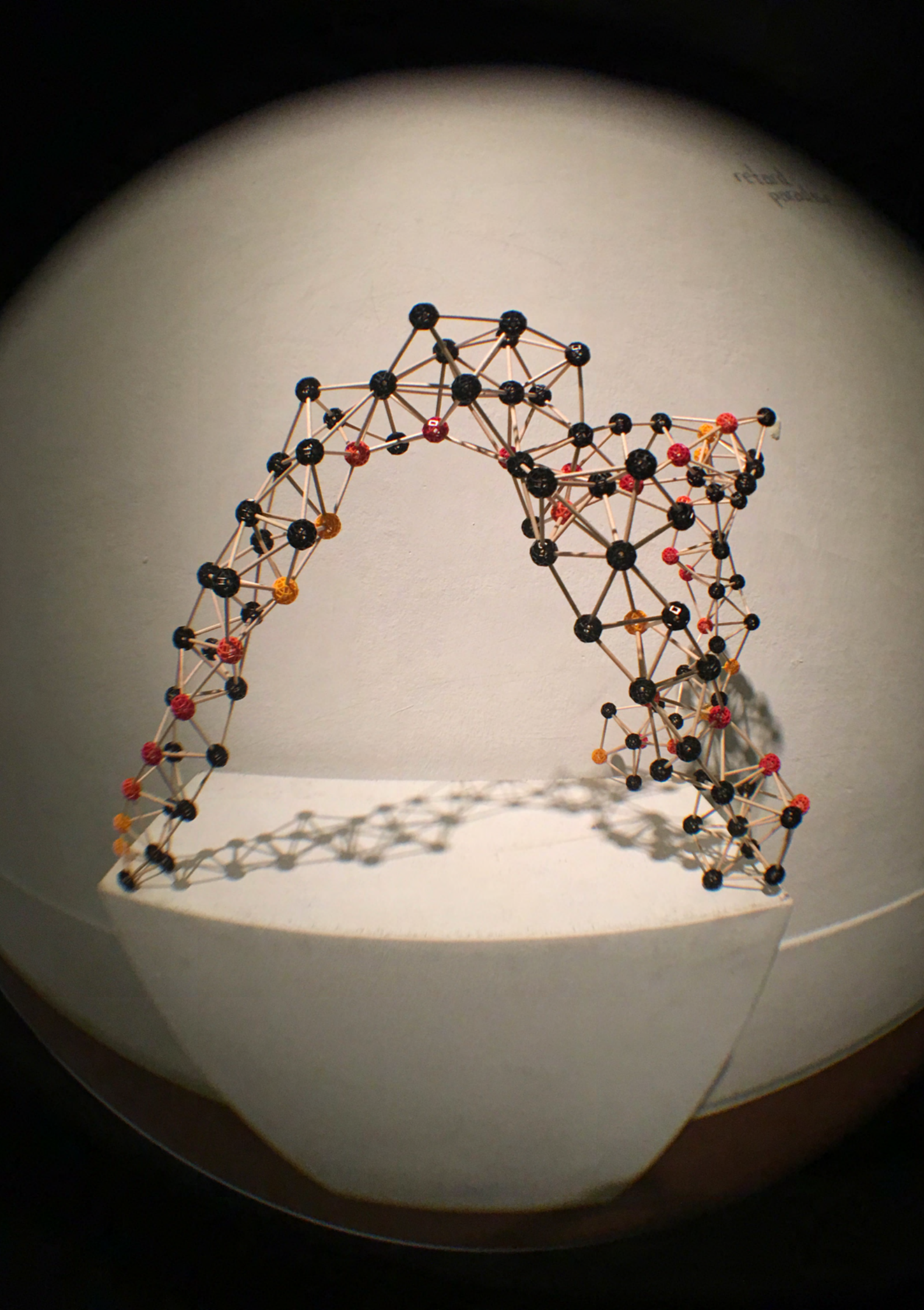
TRANSFORMING INTO A ROOF OF AN OLD BUILDING



COLLAGE OF THE WHOLE PROCESS



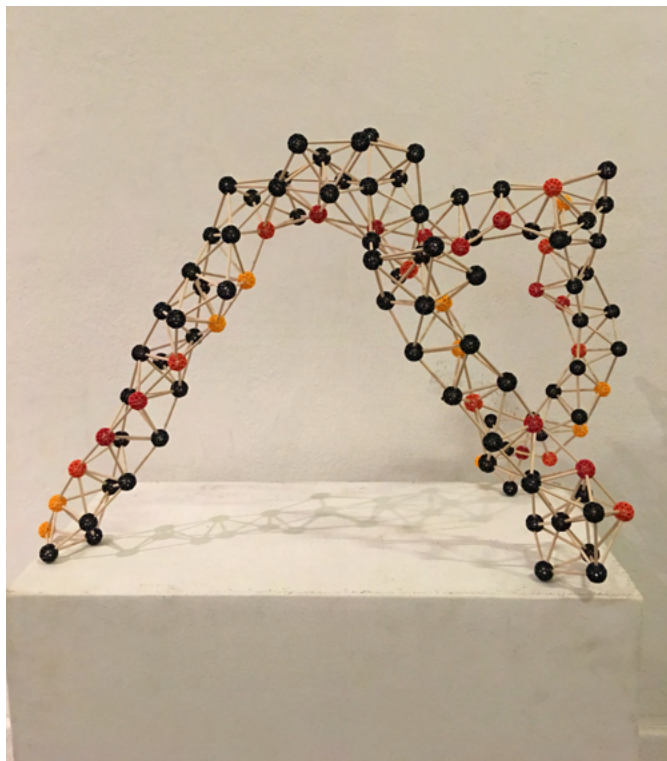
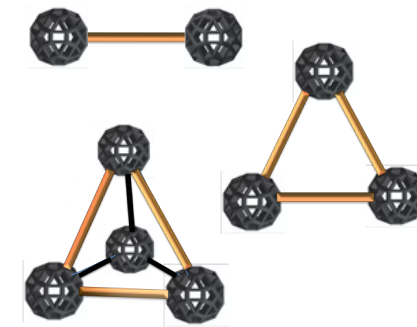
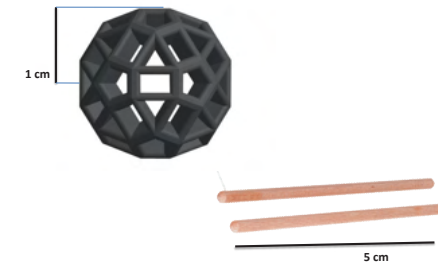
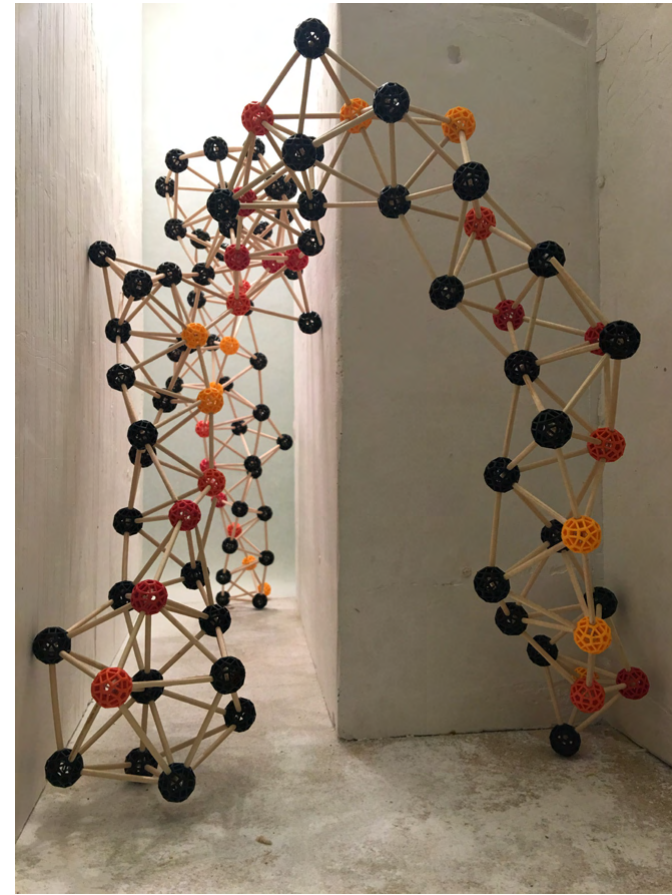
COLLAGE : "THE OLD AND THE NEW"

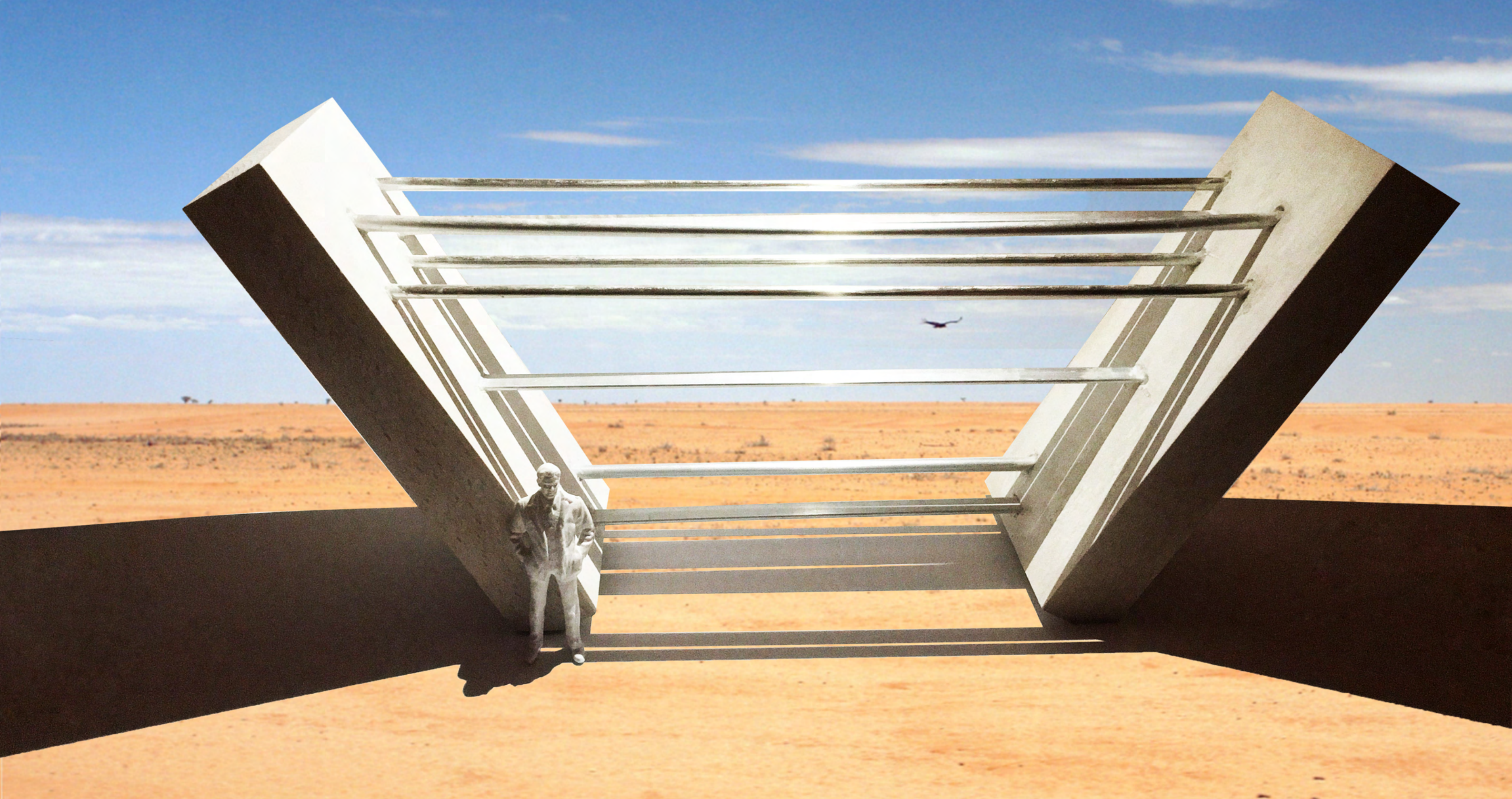


1

STUDIO SOBEJANO TO PLAY

I was asked to create a place to play by infilling a gap site in Berlin with implementing the action verb "to modulate" into my design.

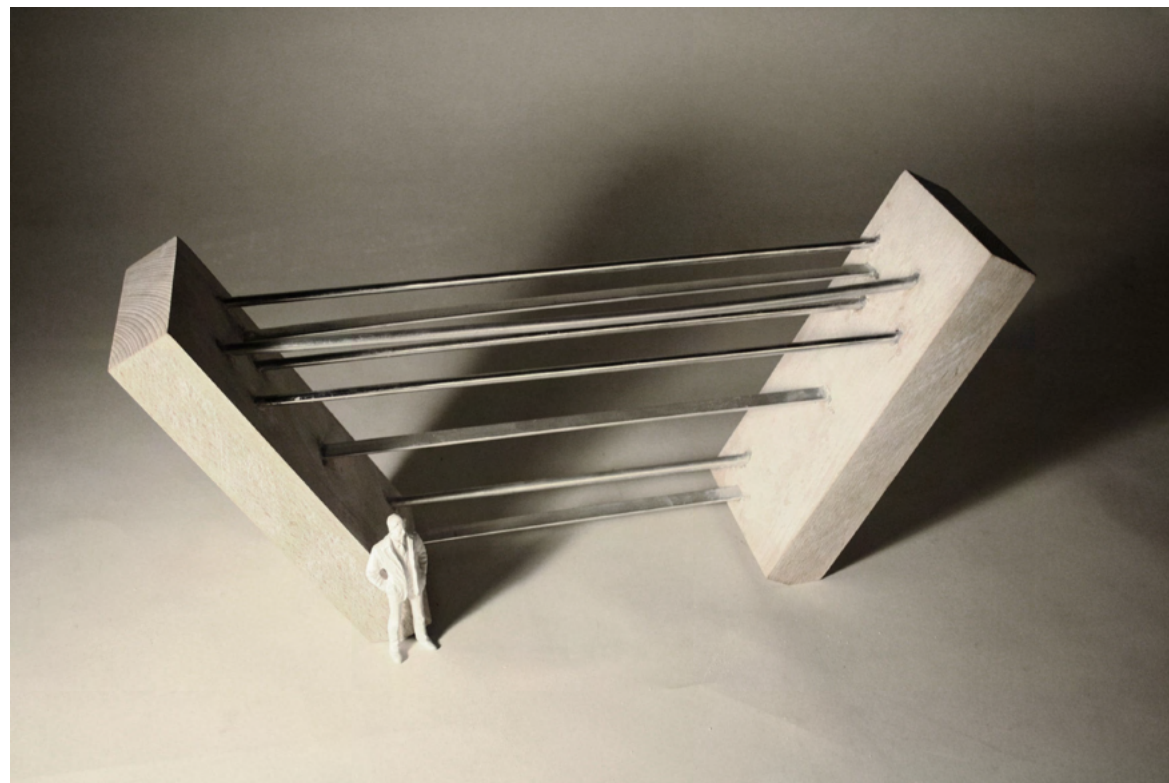




TO WAIT

Just like the previous task, but this time with the action verb “to connect” and I was asked to design a place to wait and sit on a desert. This bus stop had to be a product of action, a product of a connection.

“The product of an action can become a structure that defines a space based on a principle.”

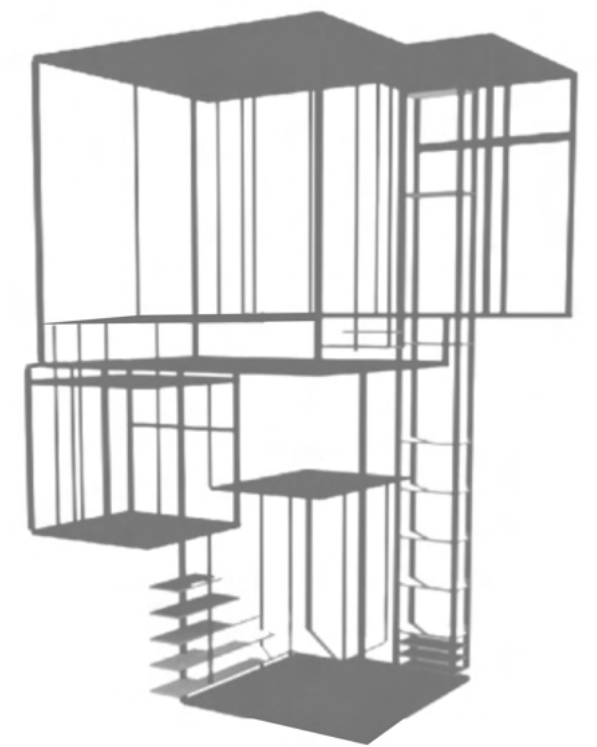
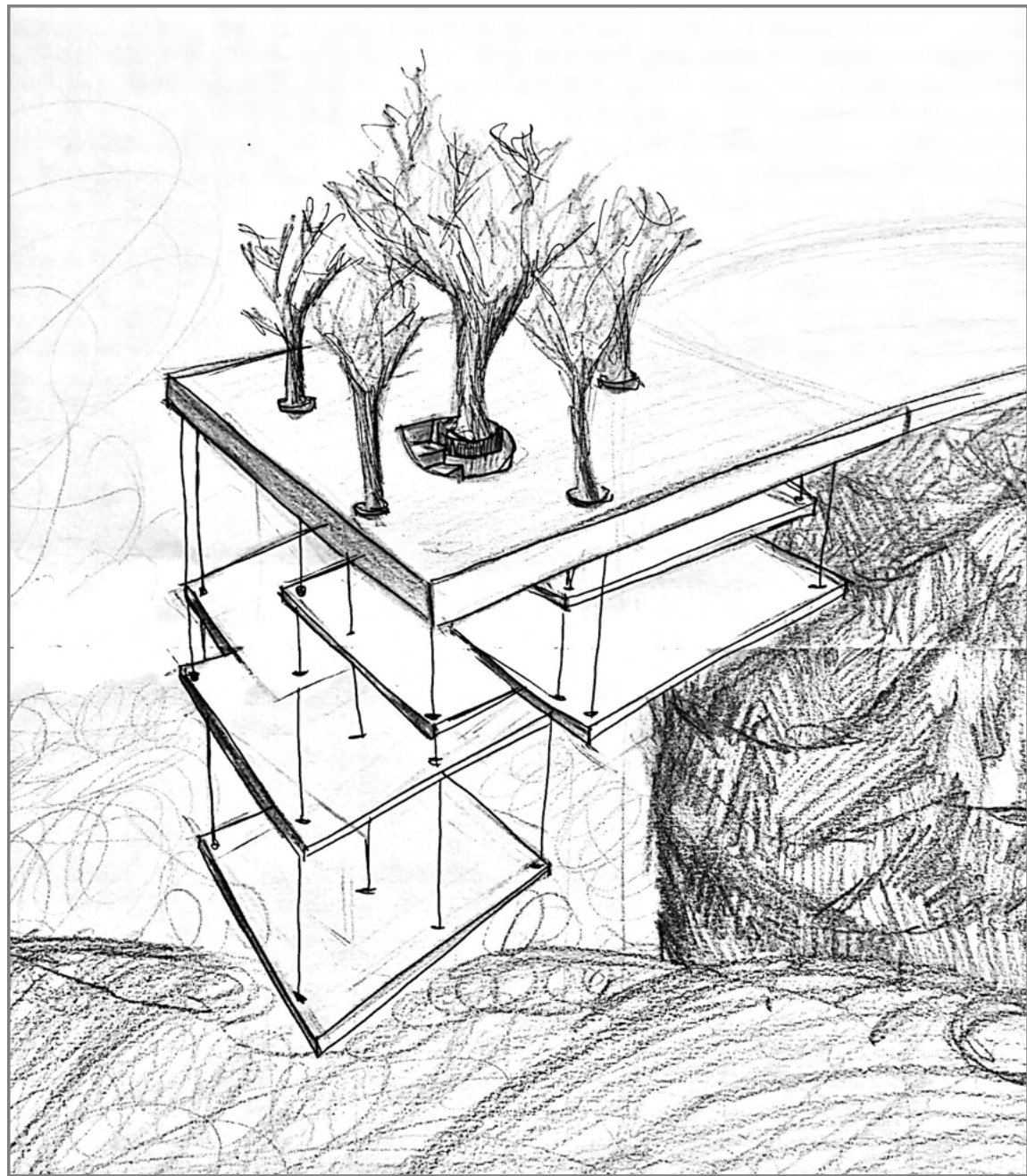




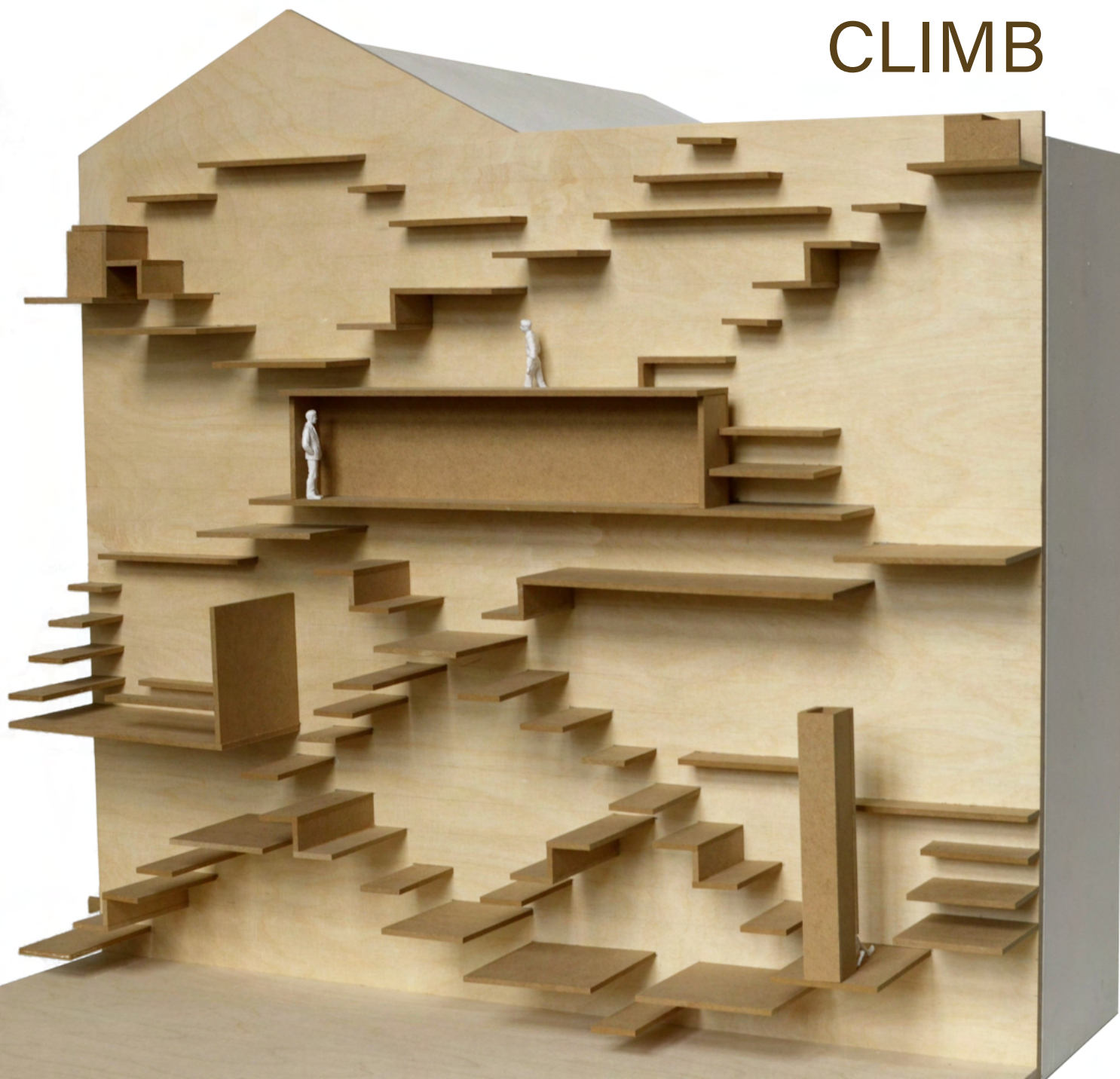
TO REST

Based on Le Corbusier's Le Petit Cabanon, a small hut is to be designed on a fictitious cliff with minimal equipment. This time the action verb was "to hang". In our design we hanged everything from a huge platform fixed on top of the cliff. Even some of the furniture are hanging, which are sometimes used as stairs.

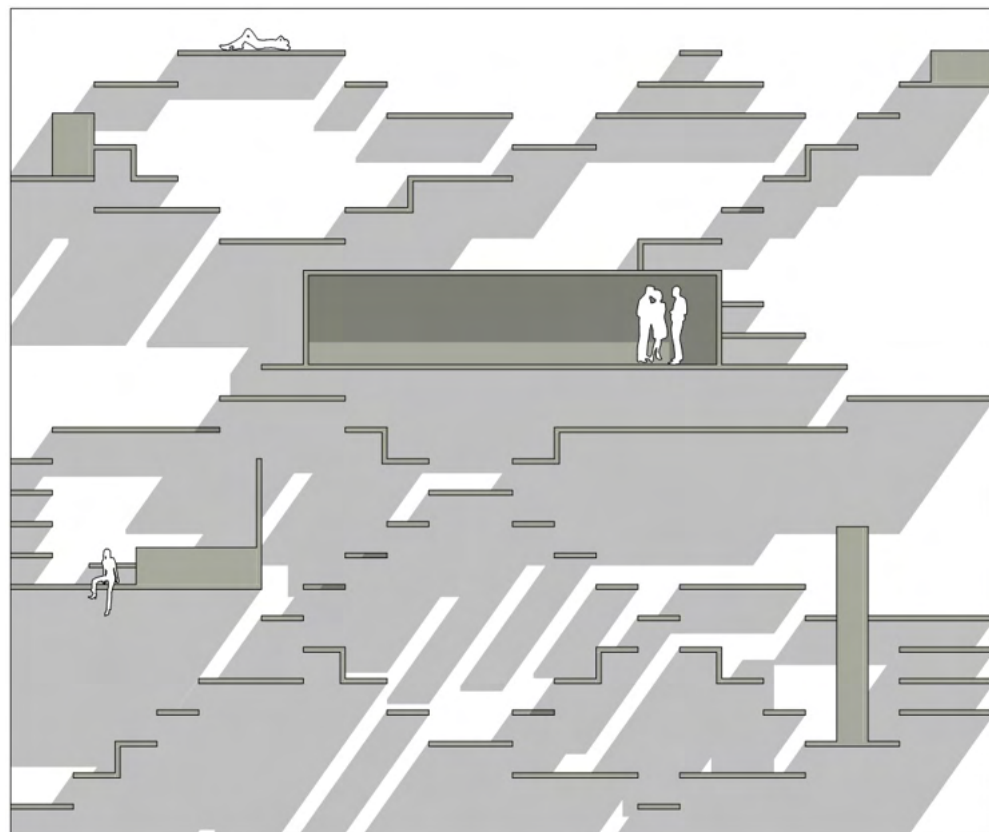
Project partner: Carina Wöstmann



TO CLIMB



I was asked to design a way upwards on a 22 meter high facade. This staircase as an extended city space should not only lead upwards, but also create a public space to spend time on. My design includes a wide exhibition space, bigger spaces for group activities and more isolated spaces for the individuals.

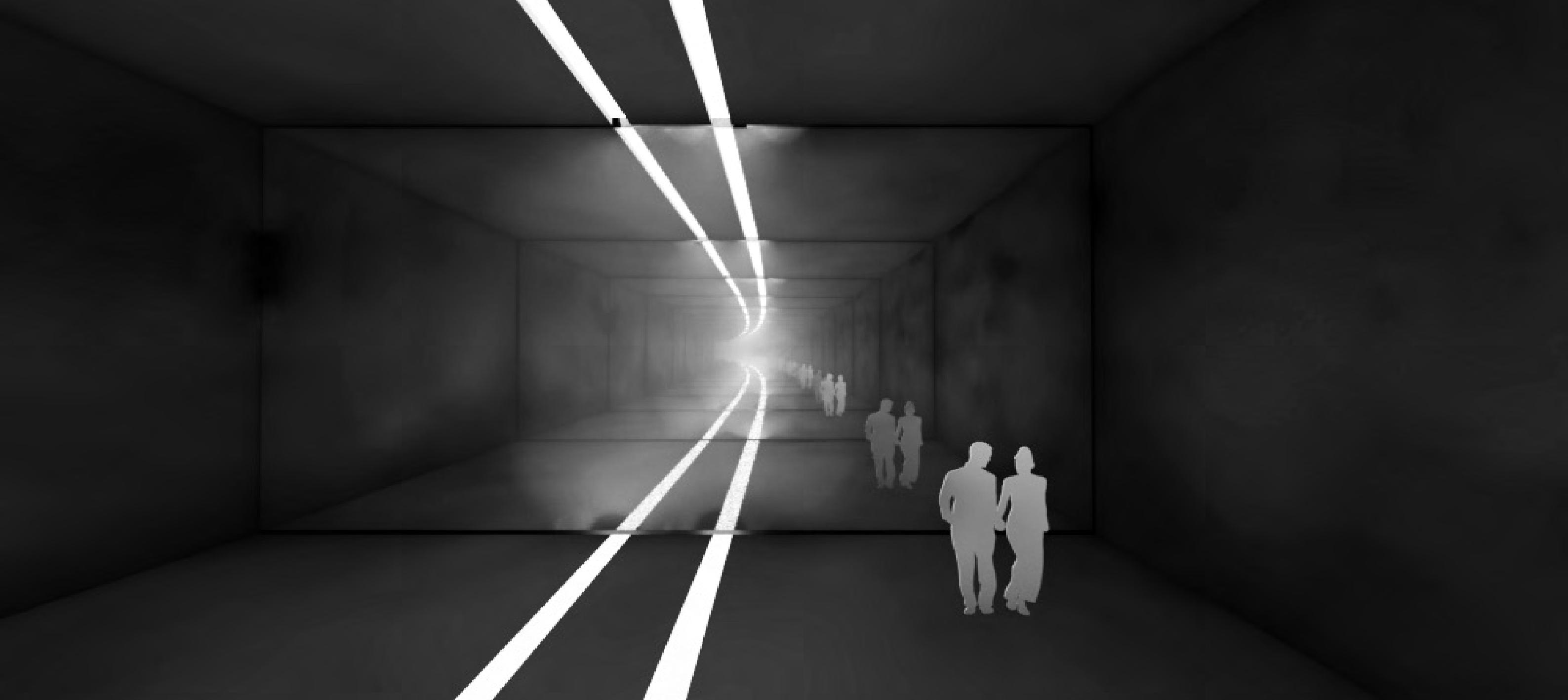




TO OCCUPY

A pavilion for a contemporary artist of my choice was to be designed on the roof of a house in Berlin. The pavilion needed to be designed to create an architectural space, whereby it appreciates the installation of the artist, represents and unfolds the artistic space.

As my art work I have chosen the song "Space is Only Noise if you can see" by Nicholas Jaar and designed it in the face of it's lyrics.

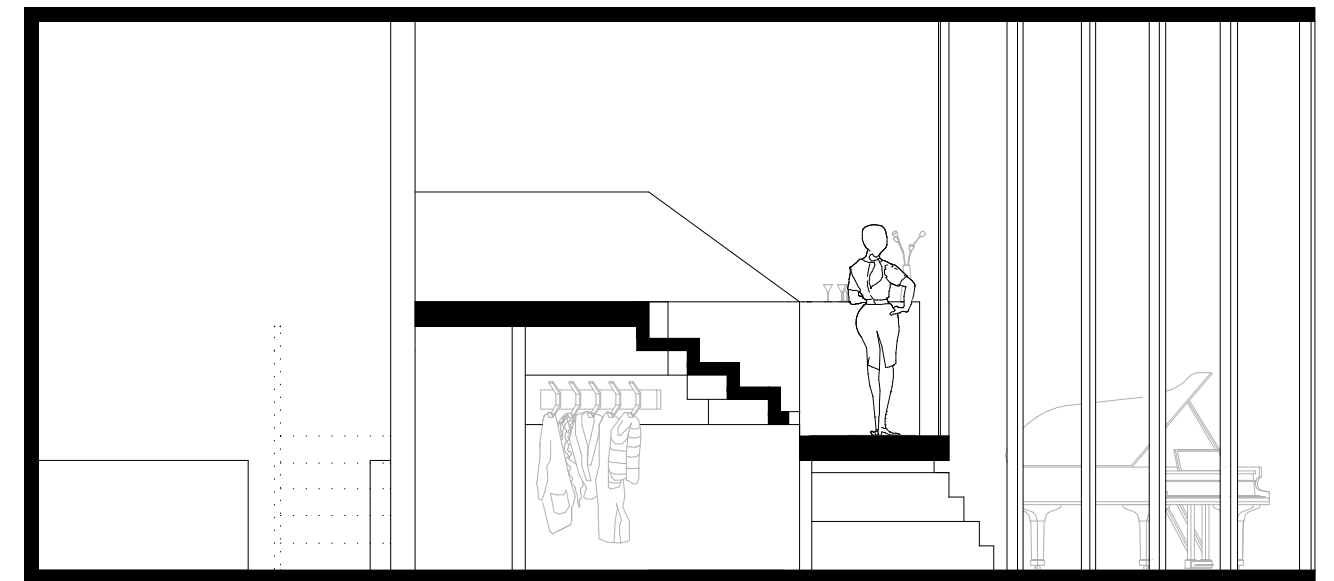
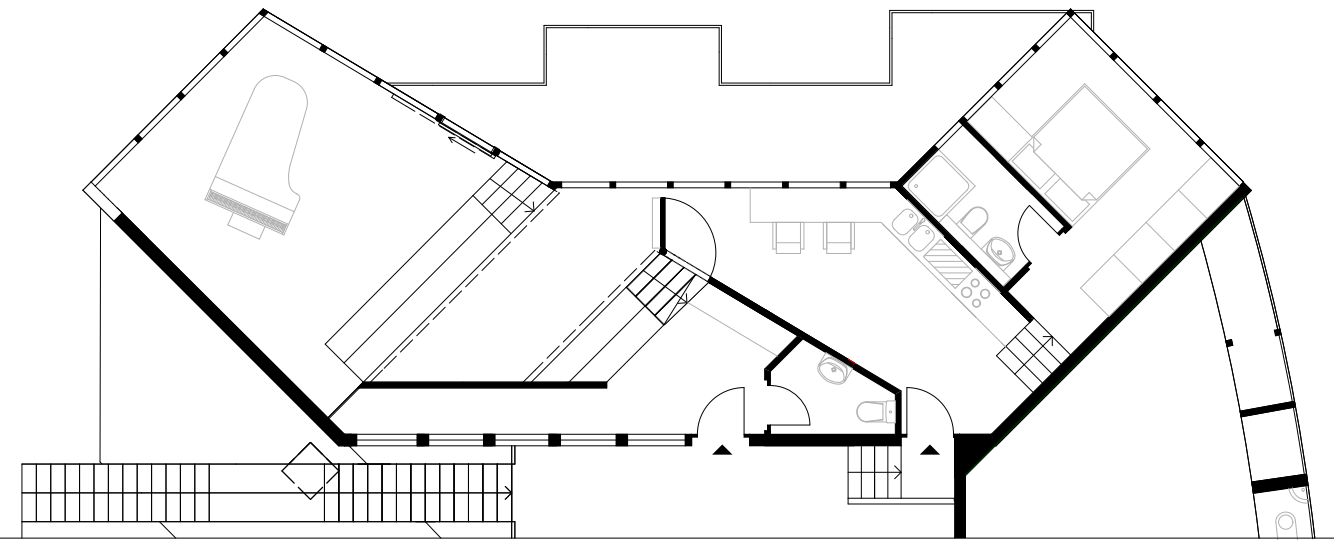


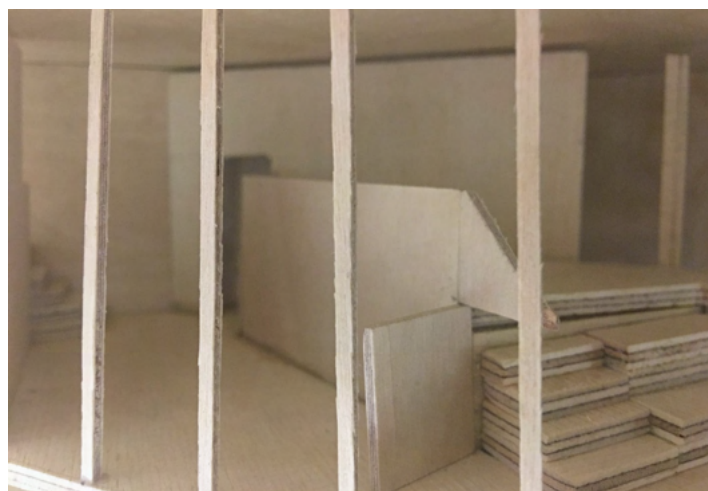
*Space is only noise if you can see
See I want to write a story about two long lines
Two pretty lines that fall in love
Two little spaces they're filled with echoes
Did the lines ever intersect one another,
at a moment in time?
Have you always cross like this
Have you been this way all the time
or were you always trying to get you with me?*

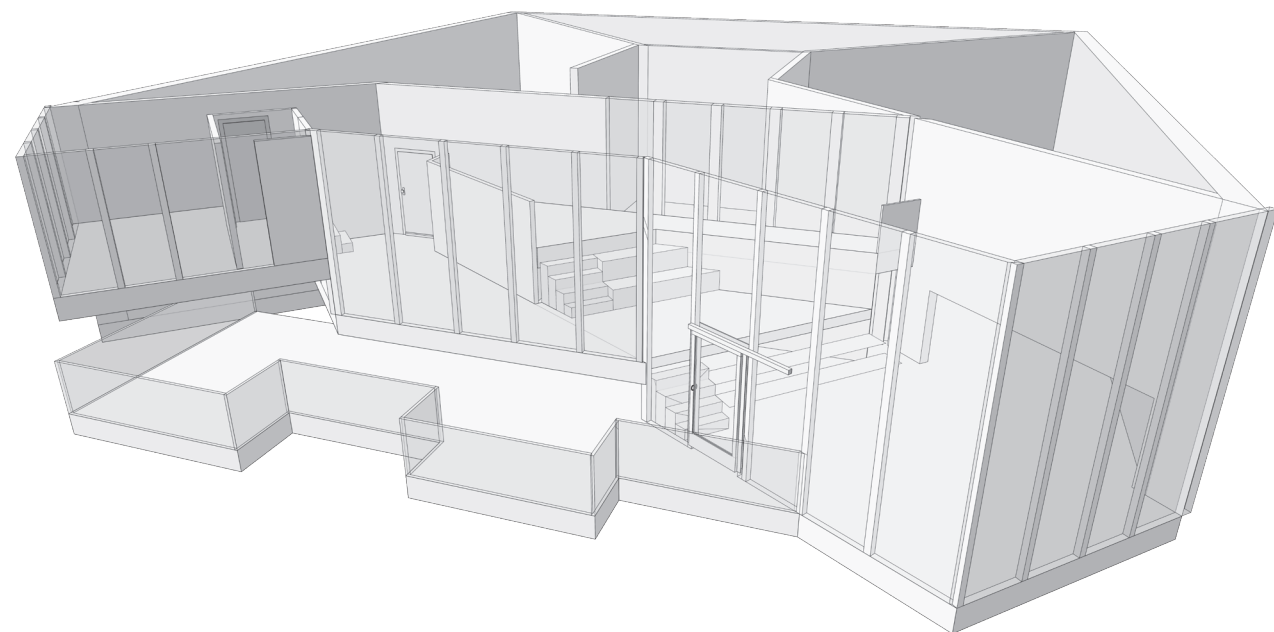
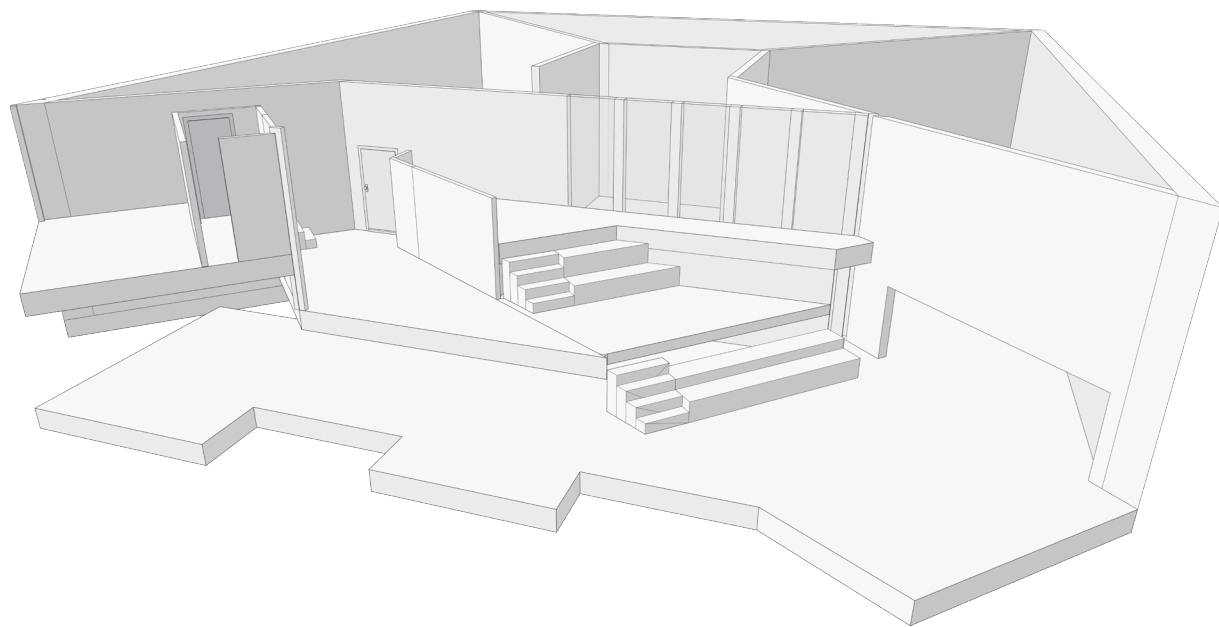
2 STUDIO GÖTZ THE HOUSE OF THE FUTURE

"The House of the Future is a theme that has always been the focus of architects and remains unchanged and up-to-date for the further development of architecture in new, better worlds. A better life in a better world has always been the driving force of architectural creativity."

Each student should design a 90 square meter apartment, and the entire house should be built from these apartments. I have designed my own apartment for solo-living, performing artists who need to have a stage in the apartment to organize mini concerts. Therefore, the separation between private and public areas was very important in my design, whereby I have played with different heights for it.





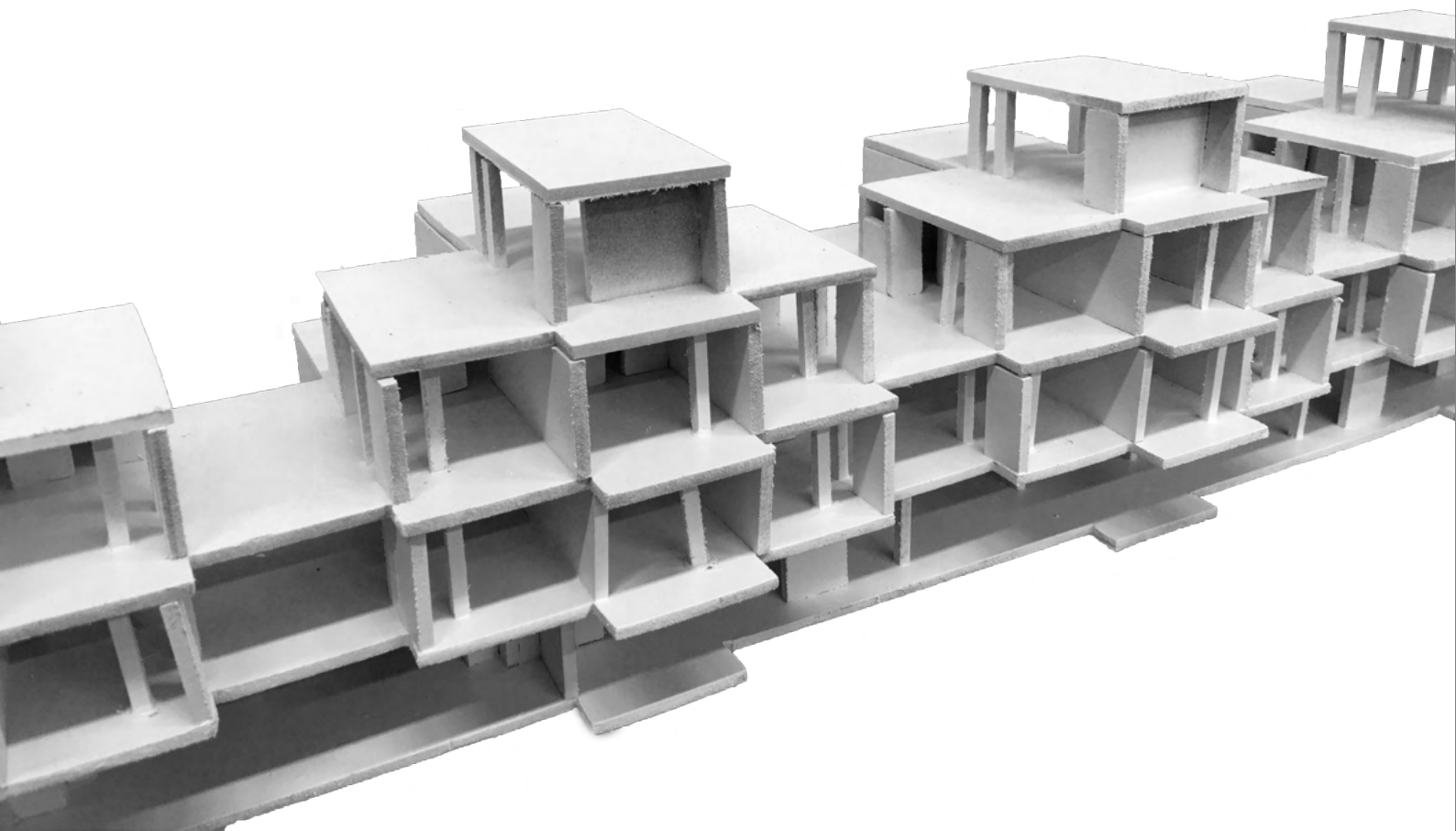




STUDENT HOUSING

In this project we have designed a student dorm with the principles of modulating rectangle prisms. Each block has its own communal rooms in the middle, which can all be reached from the living modules of the students. The first floor is an idea store, a mixture of a library and a cafe. On the other hand all of the modules have gardens on top of them, so the whole building becomes a huge garden terrace. Our aim was to create a dynamic space for students, where they can live among the nature and relax.

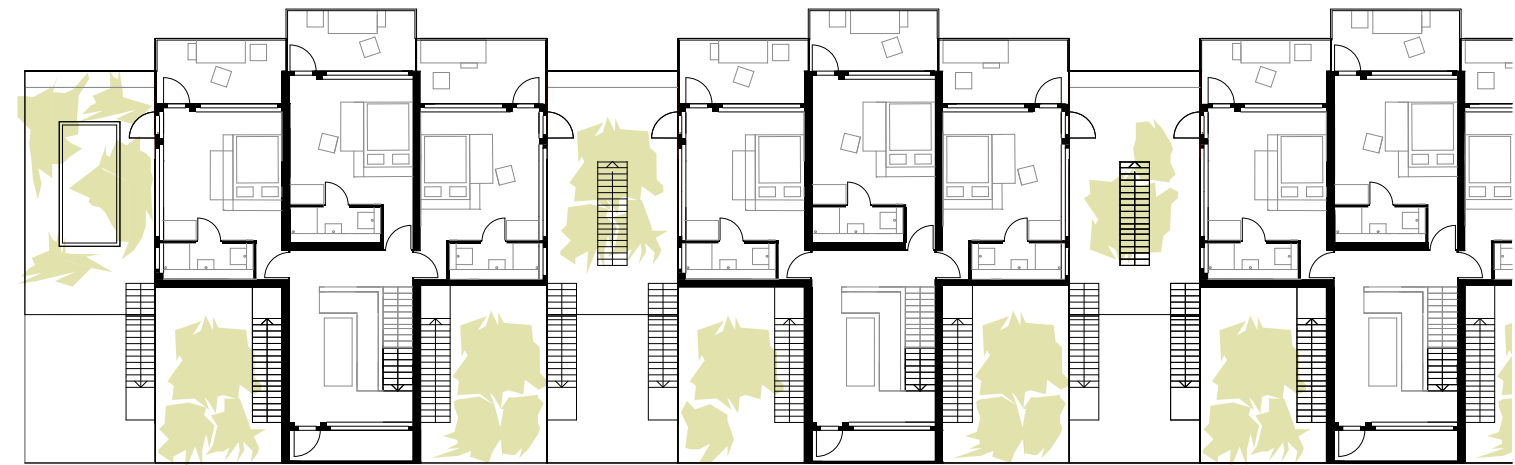
Project partner: Lotta Arndt





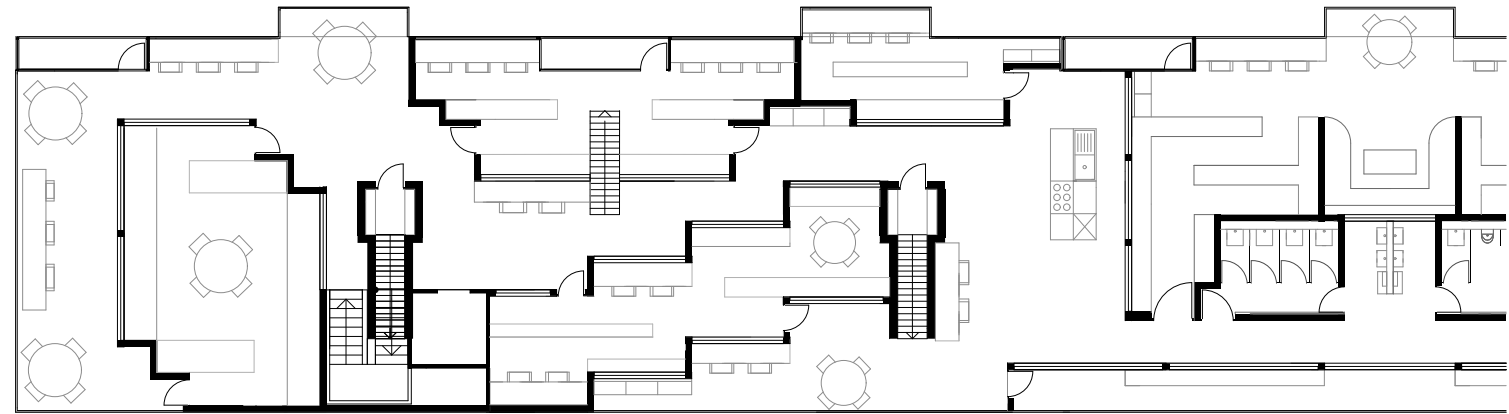
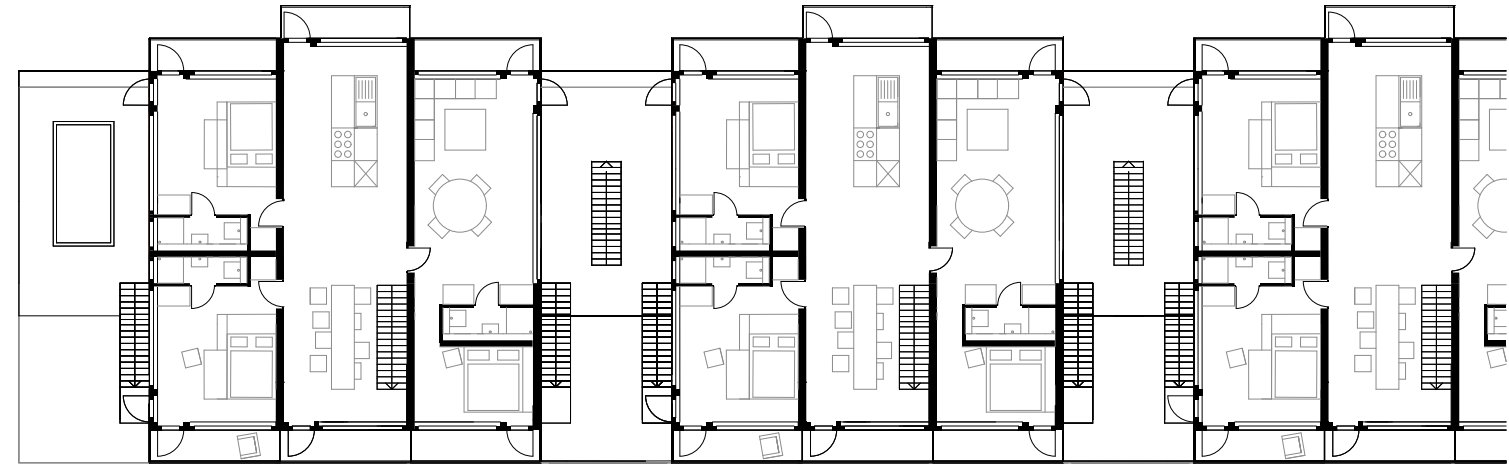




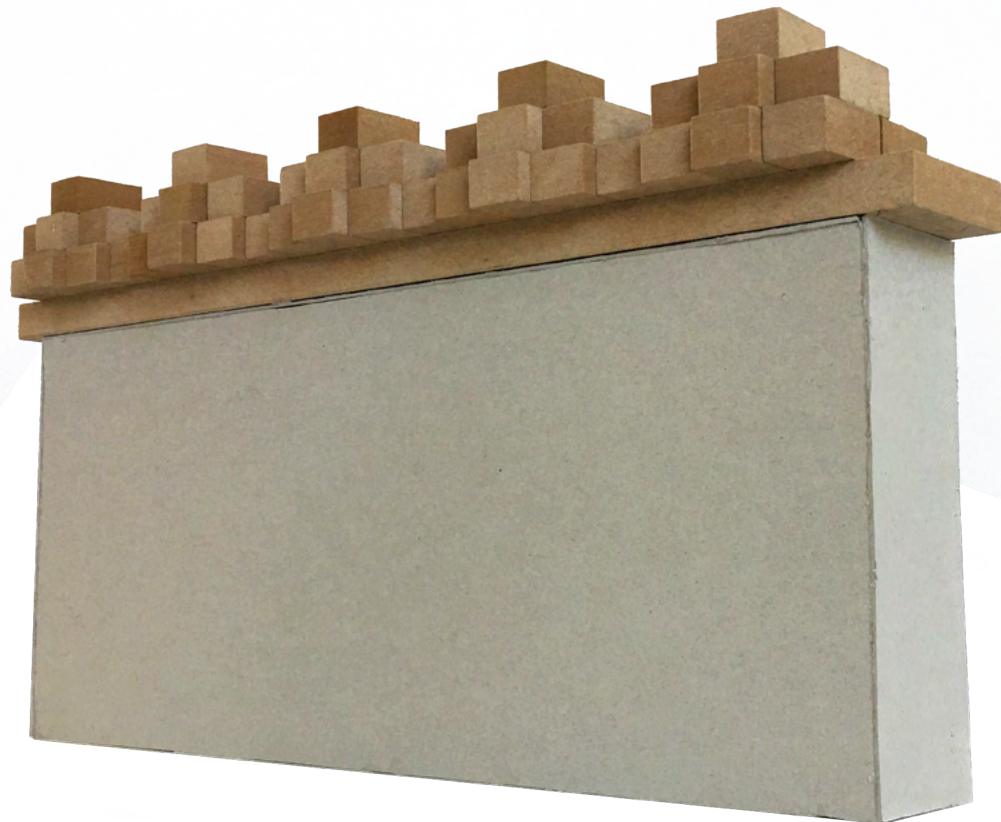


3. and 4. Floor Plan





1. and 2. Floor Plan





3

INTERNSHIP

13 weeks internship at:
Roedig Schop Architects, Berlin, 2017-18

5 weeks internship at:
Buun Motto Architects, Istanbul, 2019

In summary, I can say that I learned a lot of new things in many areas, both in terms of terminology and organization as well as in the methods of execution. I had the chance to get to know the profession of “architect” in practice and to get direct insight into everyday work at an early stage and to experience how creating spaces works in reality. I got to know projects in different planning stages and



Volume Model for a Competition Project

ROEDIG SCHOP ARCHITECTS

The office mostly deals with residential buildings and works in all service phases, so I had the opportunity to gain experience on these topics. Otherwise, the urban planning concept was very important in the competitions that I was mostly engaged with.

What I liked best in this office was the design phase. Not only the superiors were the creative organ as one would normally imagine, but everyone had the chance to be part of the design process. I participated in the design of some competition projects. In this phase I received critic after every meeting and then changed the design, it was actually like at the university.

In my first month, besides the computer drawings, I built a large model for another competition. Later I had the chance to attend the jury and citizens' event of this competition and saw how such events went. I built three more models. One of them was a landscape model for the first competition, in which I worked with contour lines of a landscape for the first time. The second model was a color concept model for a building that was almost finished. The last model was an apartment building that is still under construction.

I also often visited construction sites there. I attended the construction meeting of an ongoing project every Wednesday. I learned a lot about how everything is organized, what responsibilities the trades bear and most importantly what role the architect and his plans play in the construction phase.

roedig . schop
architekten



BUUN MOTTO ARCHITECTS

This office is mostly concerned with renovations and refurbishments of old buildings, interior design and residential buildings. I wanted to choose such an office because I also wanted to learn and work on interior design concepts and designs.

Just like at Roedig Schop Architects, this office deals with all phases of the work; it mostly depends on the project and in which phase they work.

During my internship I learned how to draw in AutoCAD. I got to know the Lumion computer and rendering program and even prepared a 3D video for a past project from the office. The project was about the renovation of an old office building and most of all about the facade renovation.

The first project in the office for me was about interior design and I was very happy at the time because I was very interested in the topic. We had to remodel an apartment in Istanbul and design a Pilates studio in it.

I drew the furniture room by room and found photos that should represent the new material and the atmosphere in the room to be designed. Afterwards I prepared a presentation from these files so that it could be offered to customers.

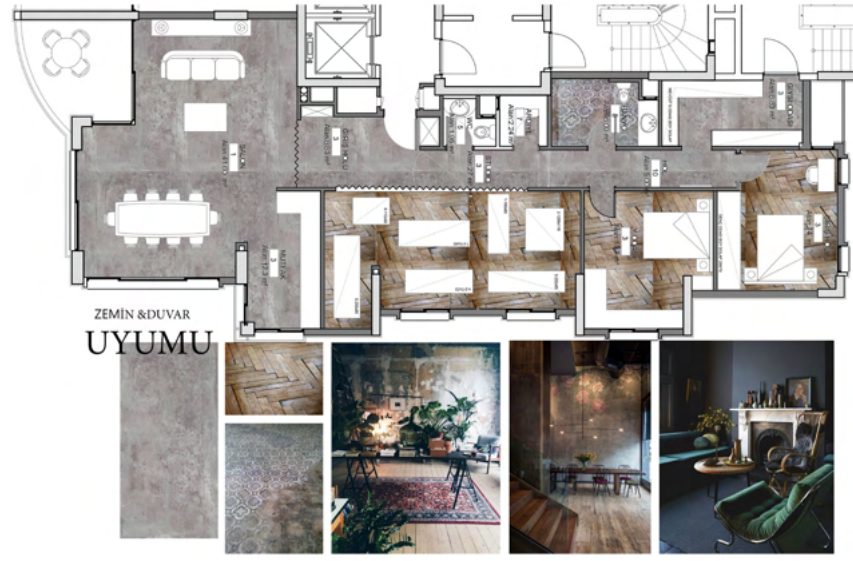
The rest of the time I worked on the office organization. There was a project called Yastı Yenışehir and I looked at the execution plans for the project and arranged them correctly. Because I engaged a lot with the files, I understood well how this phase worked in Istanbul.

BUUN MOTTO
ARCHITECTS
— ISTANBUL —

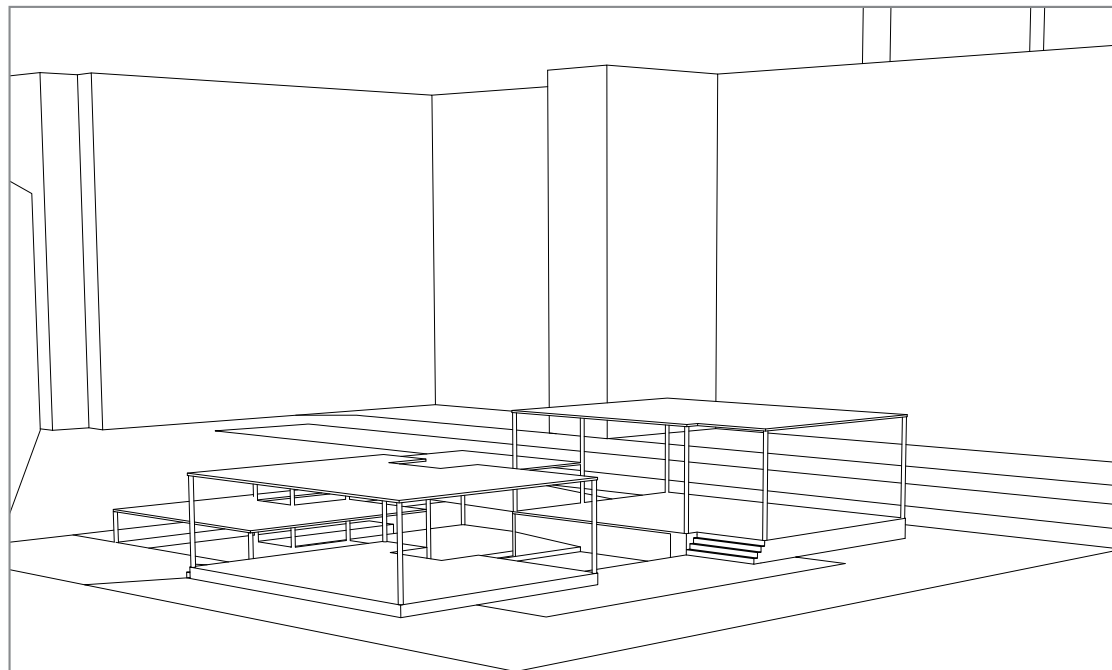
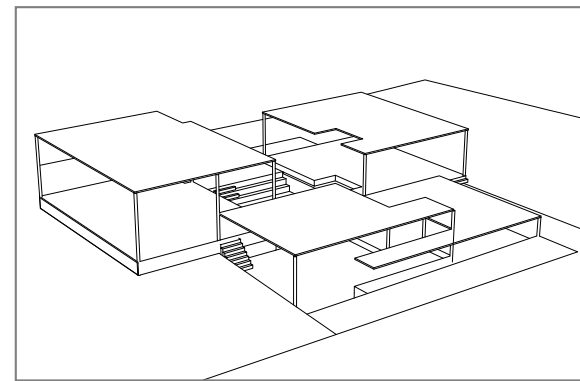




A Screenshot of the Video Project



Interior Design Proposal

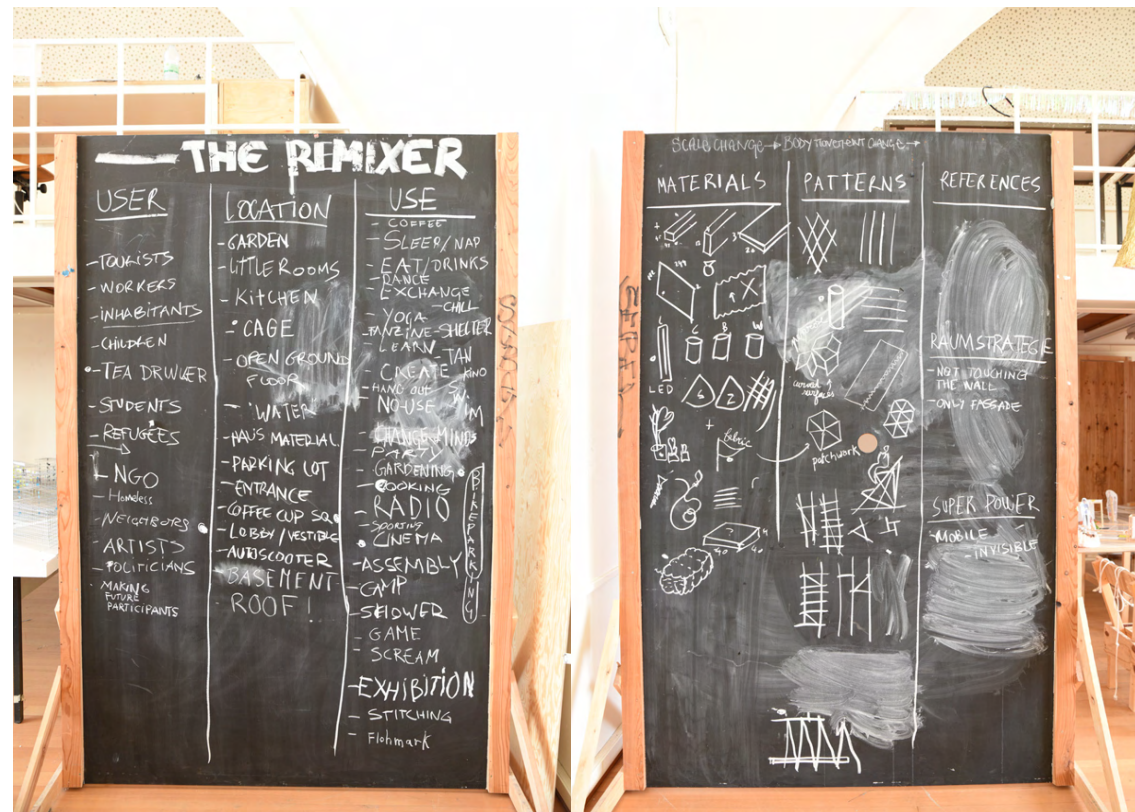


4 STUDIO BADER 24-HOUR DESIGNS

During the semester we challenged ourselves with 24h designs. Becoming a task on 2 pm and to find an answer in 24 hours.

Our first 24-hour design dealt with the theme "assembly space". How to support an ensemble through an object, or a changed space. Questioning the forms and qualities of existing places, ensemble situation and finding our own solution.

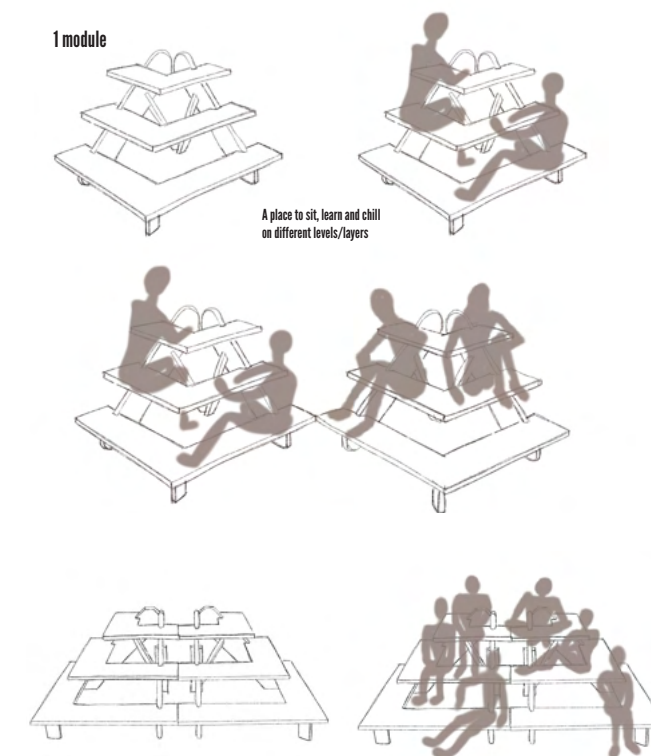
Second 24 hour design had the theme of transforming the qualities of an object, which normally is used for one person, into an object of togetherness.



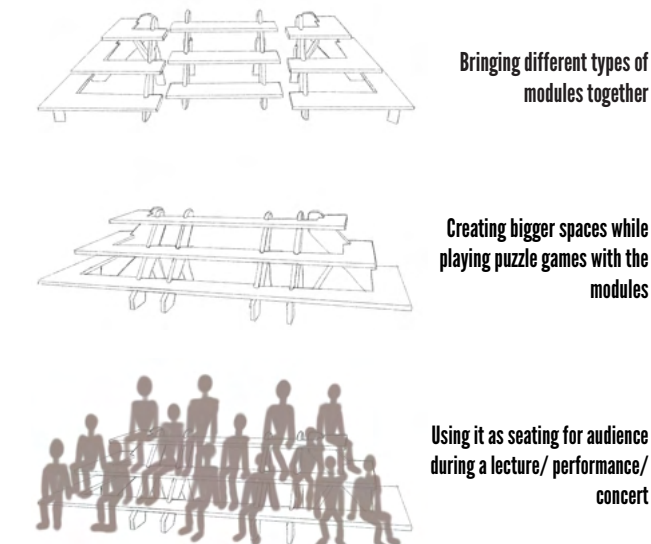
Third 24-hour design, which is called the remixer a template to find a quick response for a question, or task. Choosing a pattern, a use, a quality, a space, and starting building directly without doing further plans.

Learning to deal with tasks, while making quick decisions and following them. The following of quick ideas implies a form of emergence (Spaces of Emergence), which we also understood then in the Workshop at Haus der Statistik.

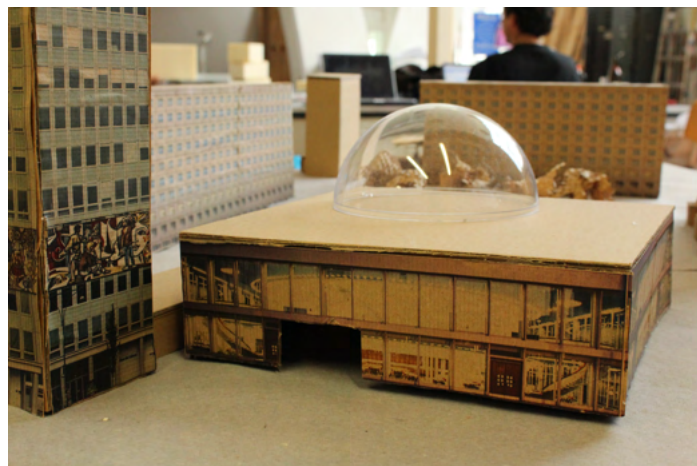
Stairs as a living space



A place for gatherings



CONTEXT MODEL



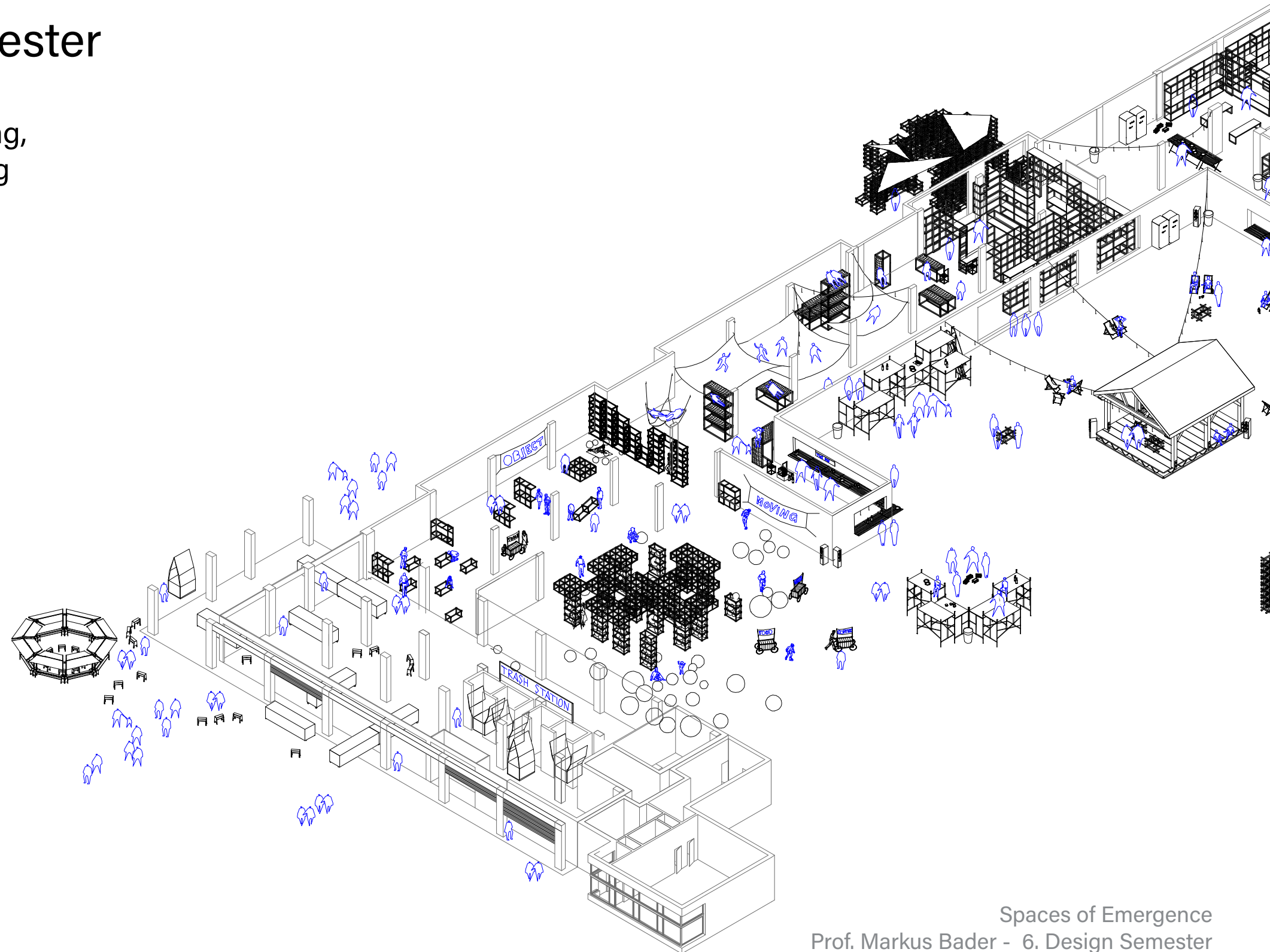
Haus der Statistik situates itself in one of the most diverse and multi-purpose areas of Berlin. As a studio we made context models of its surroundings, which included the atmospheric materiality, program and sensory layers of the area. We started by dividing our studio into 4 groups corresponding to our divided site map with Haus der Statistik at the centre. Our area included the monstrous buildings of Alexanderplatz. Our understanding of the area was that we saw 4 different islands within it separated by the highways of Alexanderplatz, which are represented literally apart from each other in our context model.

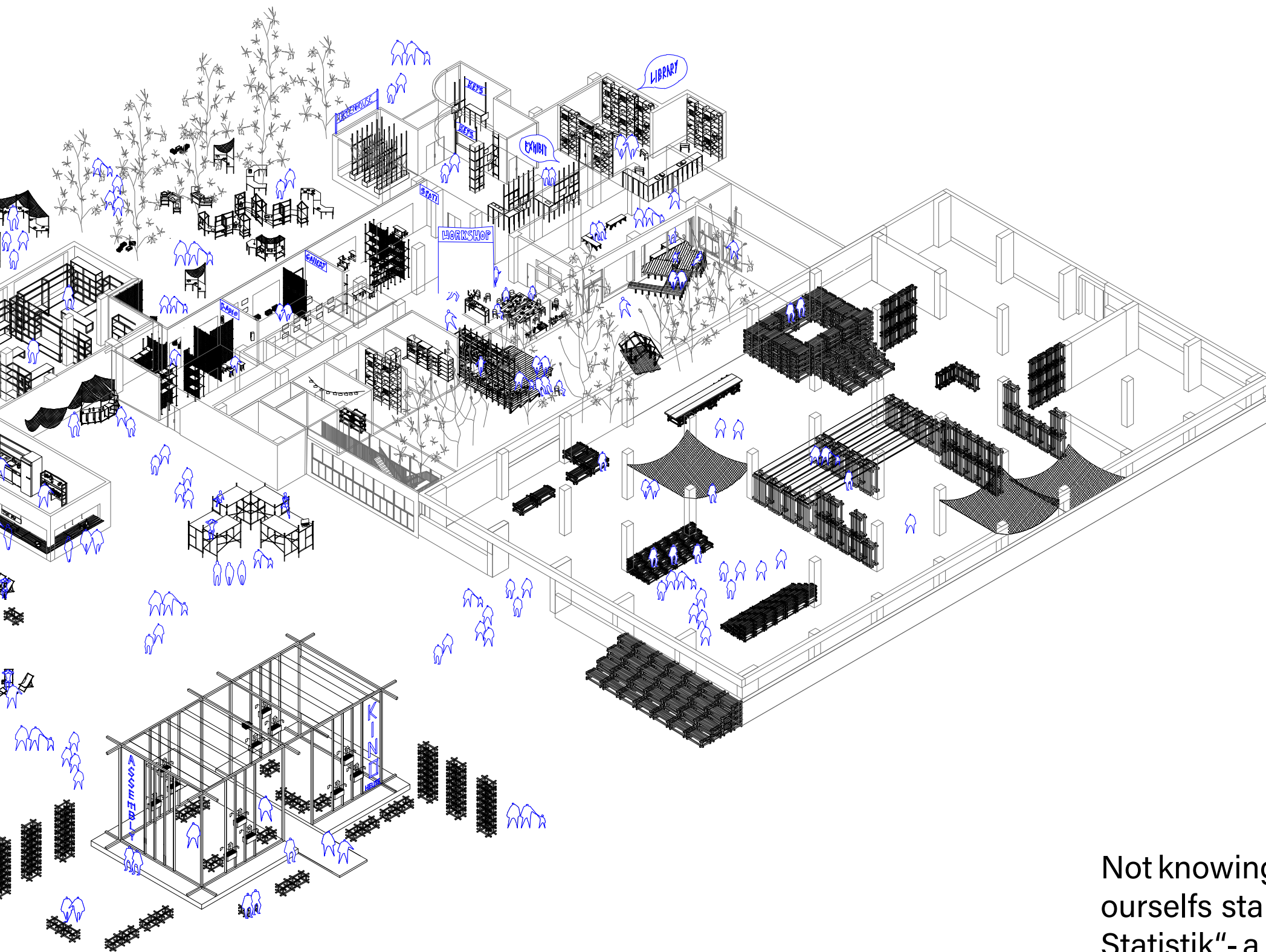
*Project partners: Jeanne Astrup-Chauvaux
and Camila Villanueva*

SPACES OF EMERGENCE

a collective design semester

Building in 1:1, without precise planning,
making spaces emerge out of nothing

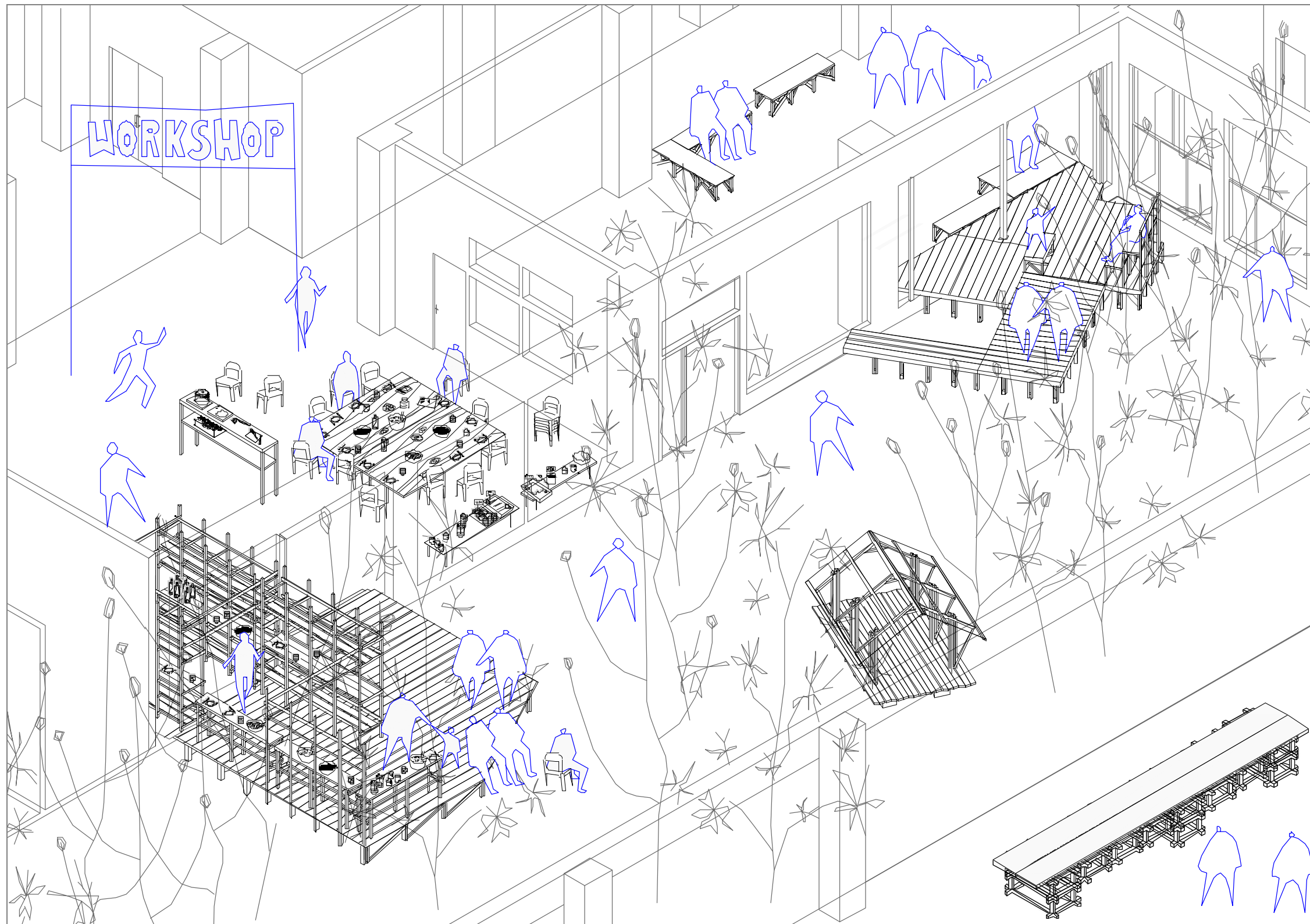




Not knowing what was going to happen we found ourselves standing in the middle of the „Haus der Statistik“- a place of hope for the neighbourhoods future that was rescued by a citizens' initiative aka „Bürgerinitiative“.



On the first day we were told to build tables. During that task we got a first feeling for building without precise drawings. The third 24-h design "Remixer" was already a preparation for this task.

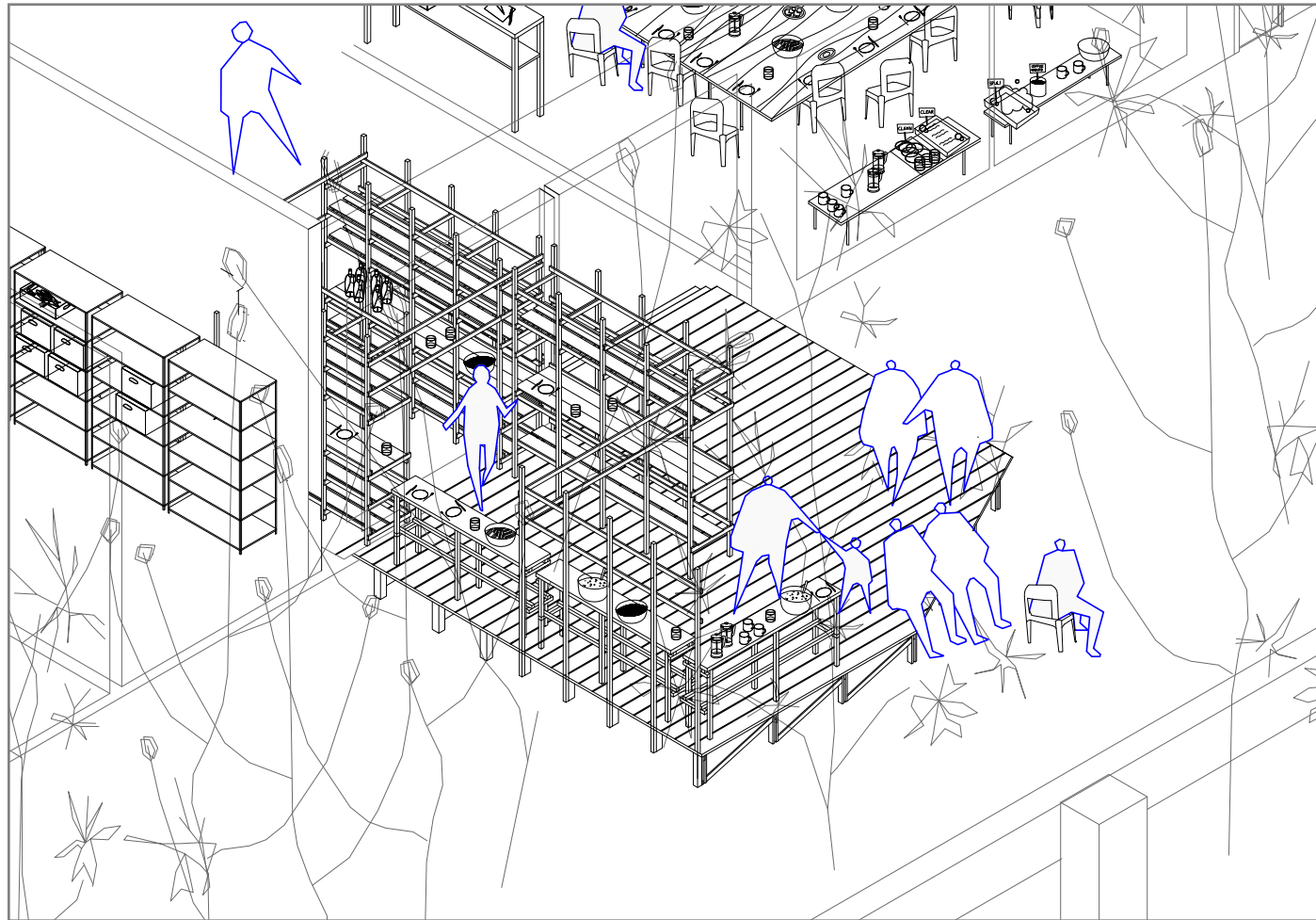


The next day, we were told to create 3 platforms which should extend out of the windows, one with a tribune and there also should be a kitchen. Everything else could be decided by us, the students. We loved it. Everybody learned so much about building techniques and especially, that precise plans are nice but not necessary in order to form a beautiful space.



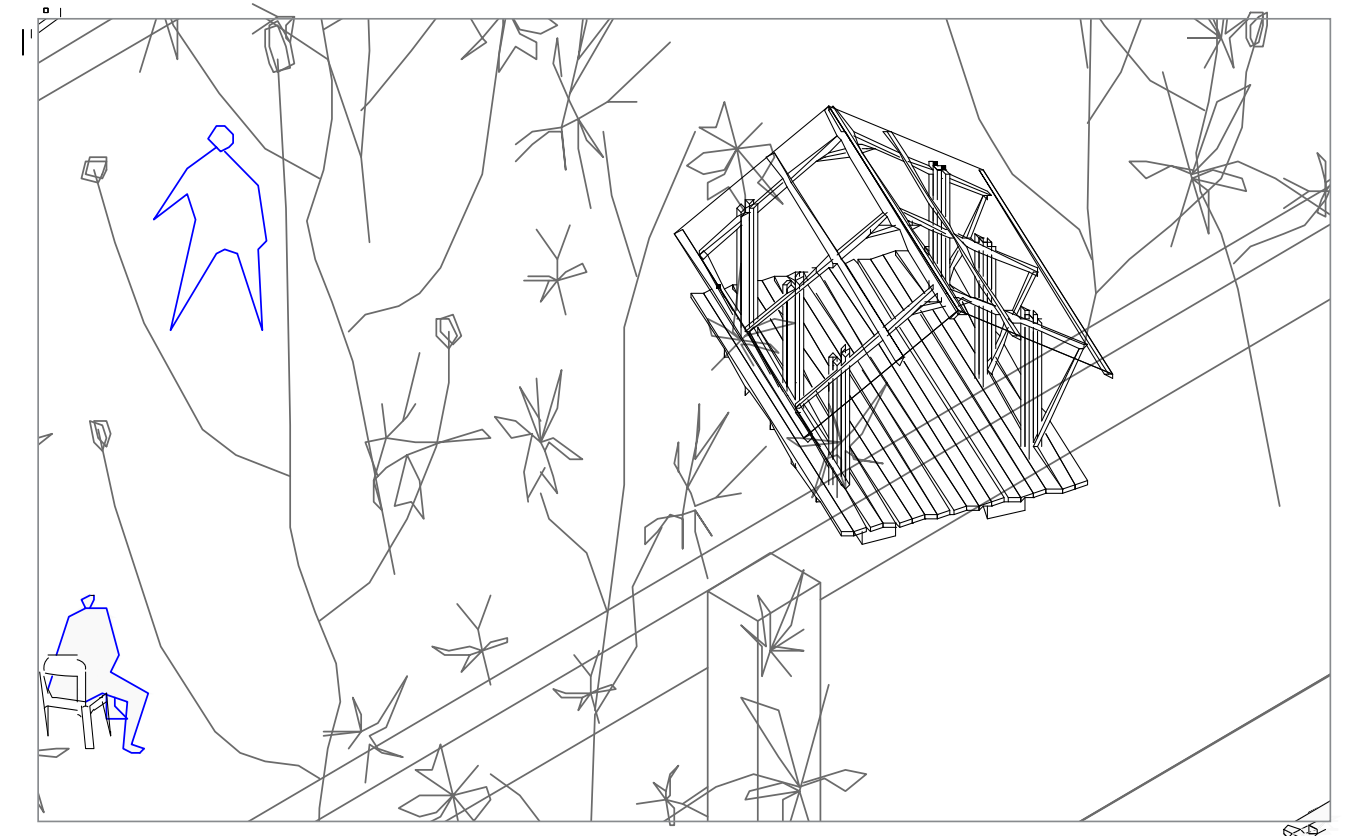
During the workshop we problematized together what is meant by “pioneer uses” for Haus der Statistik: its infrastructures, its conceptual furniture, its methodologies of conviviality, and the material conditions of hospitality being pioneered ourselves.

To do this, we first put the requirements we had as a group at the centre and created our own infrastructures. As in a domestic space, the kitchen, the resting space and the tables for meeting and working together served as prototypes for learning how to cut wood, how to use machines and how to communicate and find the logics behind the material.



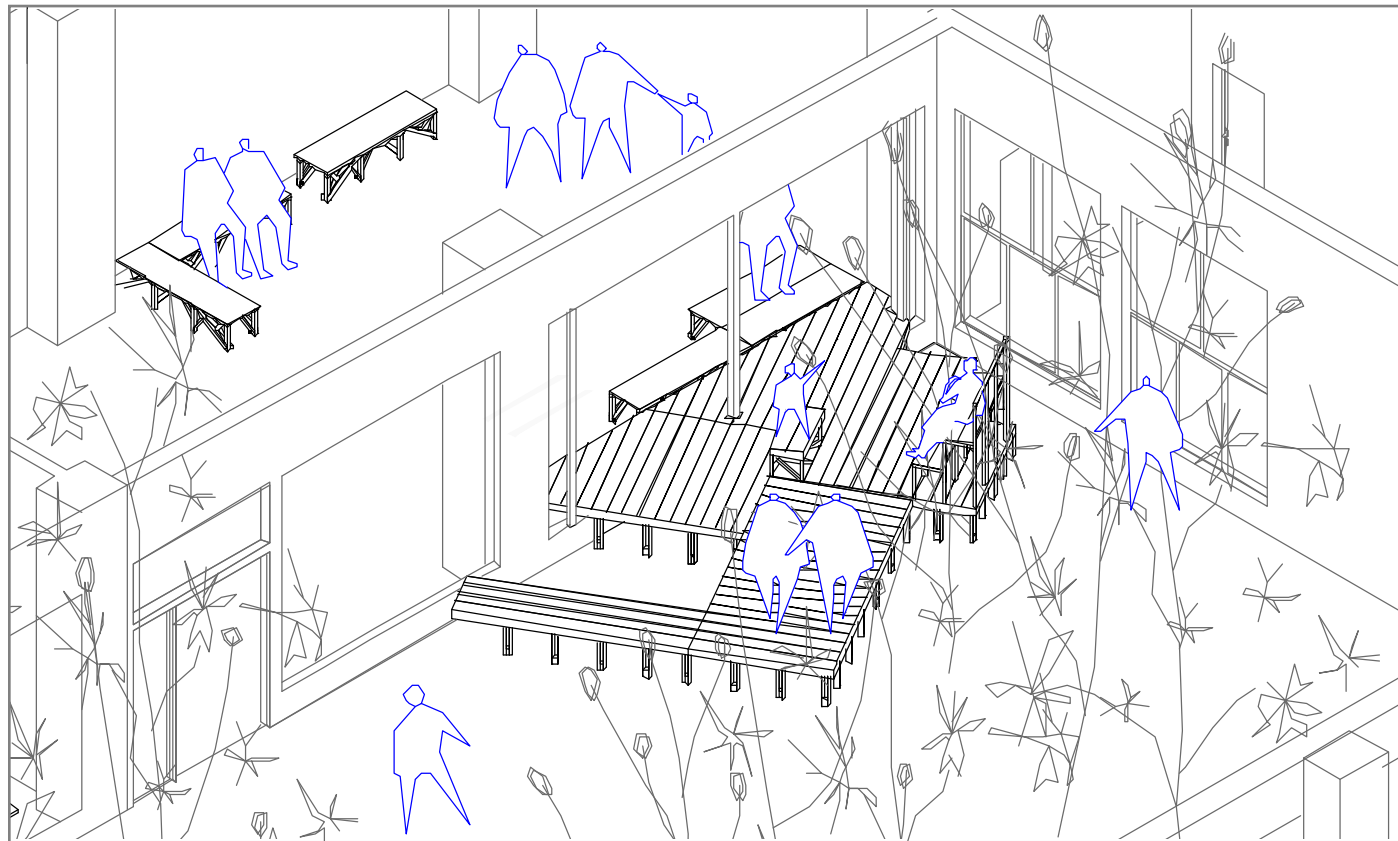
Each small piece of furniture grew to meet the needs of the various groups that are going to pass through the Making Futures School and the HdS. The kitchen is now a great bar with a terrace in the leafy garden.





The rest area has been diffused into a pavilion with greater privacy.

A large bench-lounge and the deliberation space is a beautiful terrace that can be used for hosting assemblies, concerts or conferences in different formats over the course of the summer school.

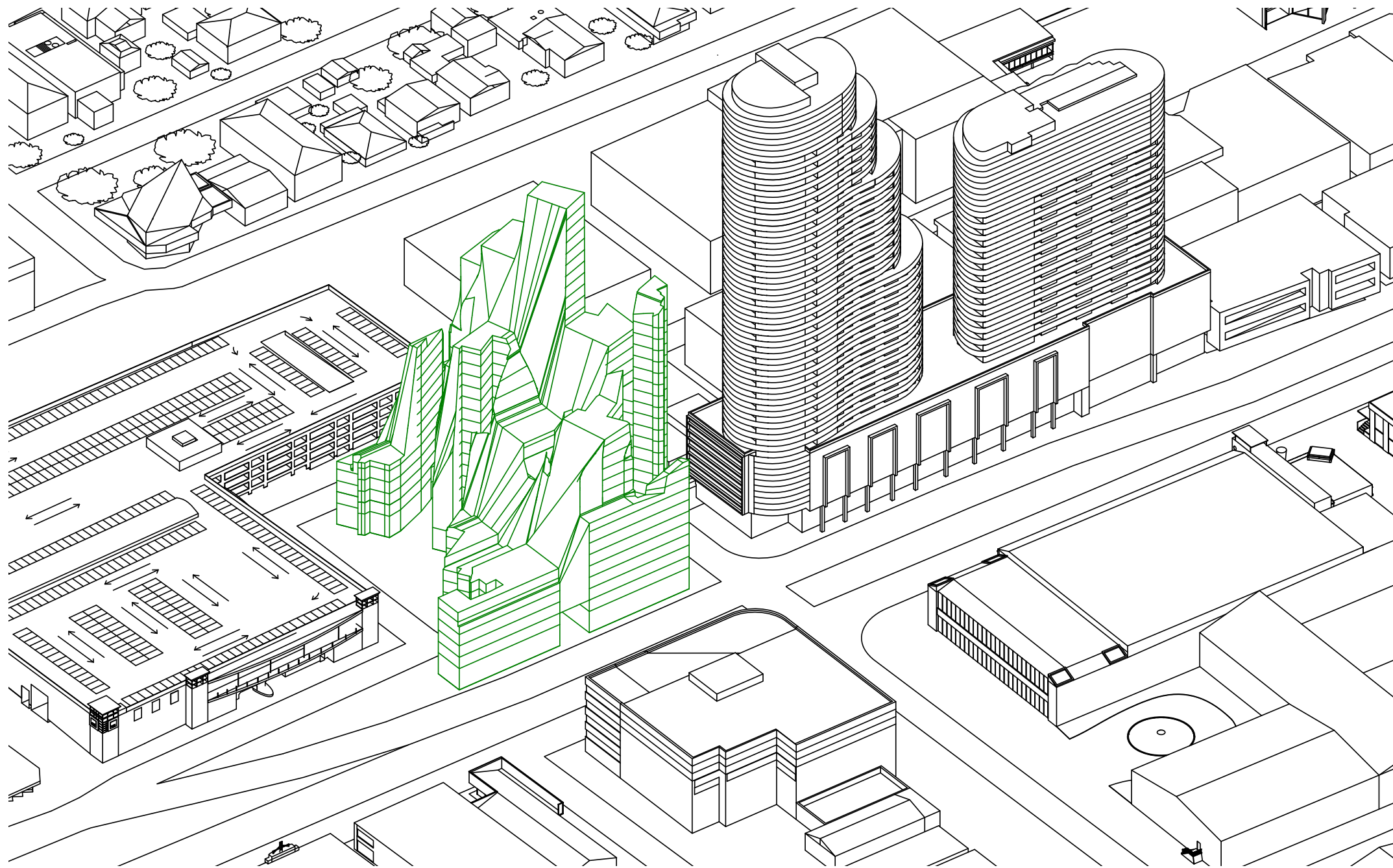




Collage out of
an old city building
in Melbourne city



RMIT Exchange
Design Semester



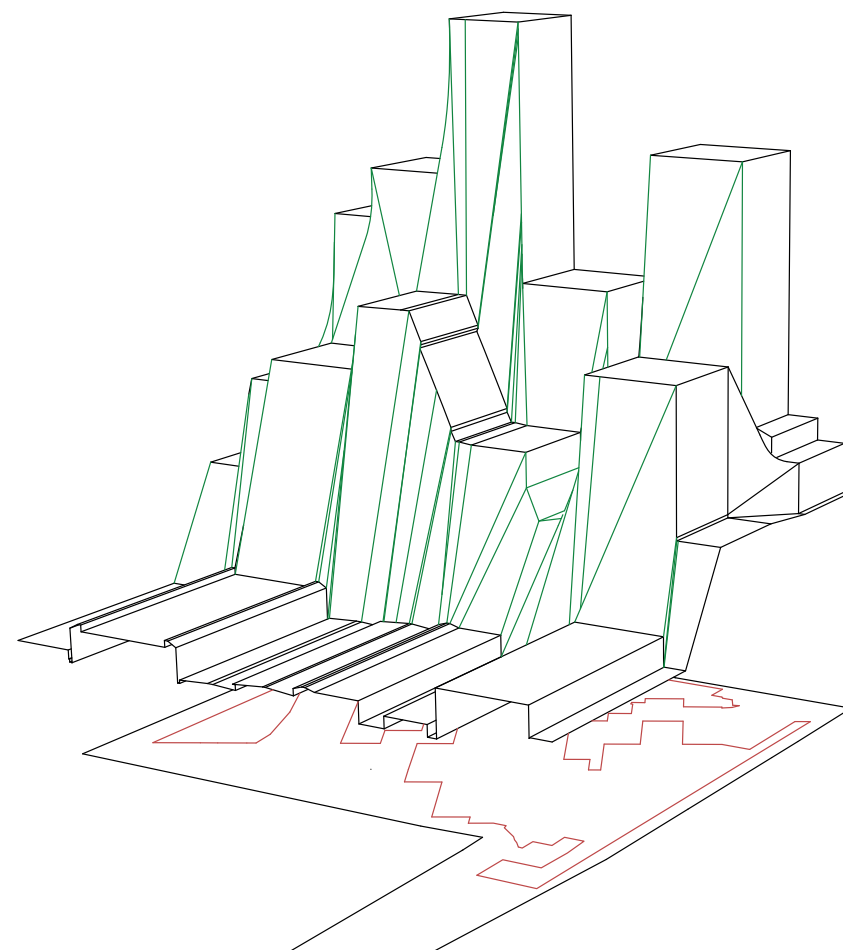
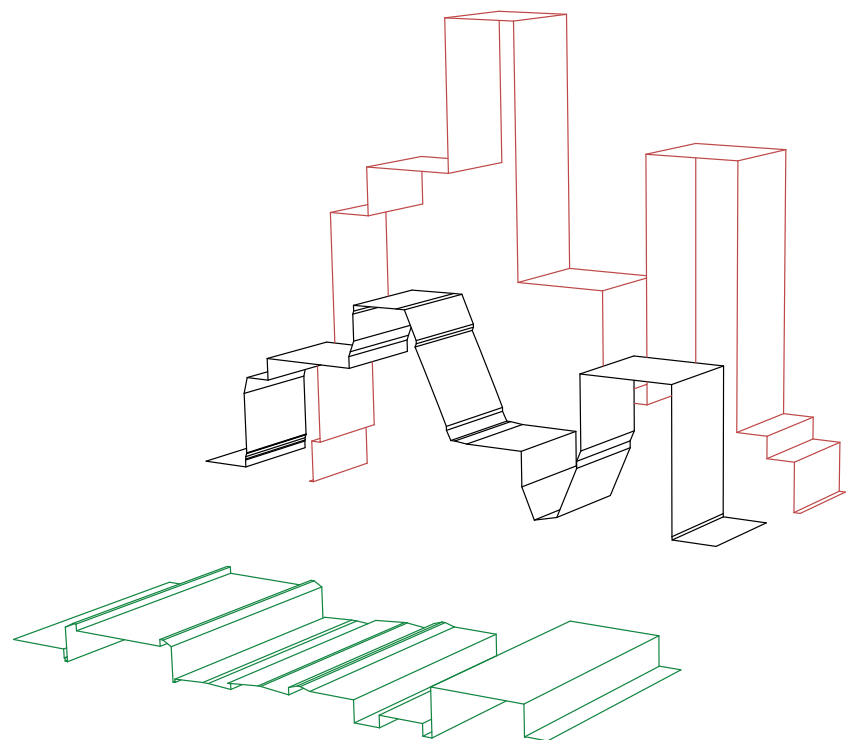
5 EXCHANGE SEMESTER CITY - BURB & SUBUR- BITY

In Australia cities consist of two parts: first part is the inner-city part with tall high-rise buildings and the second one are the suburbs surrounding this inner part.

The dual nature of cities meeting suburbs — the cityburb or suburbity.

This condition is perfectly described in Box Hill, a suburb in Melbourne undergoing rapid change. The pace of development risks ignoring the history and character of the suburb. Box Hill had been a suburb for a long time but now skyscrapers have been built on it in the last two decades. I wanted to design an inbetween building to an empty site in Box Hill, which should contain both the specialites of suburban and city buildings.

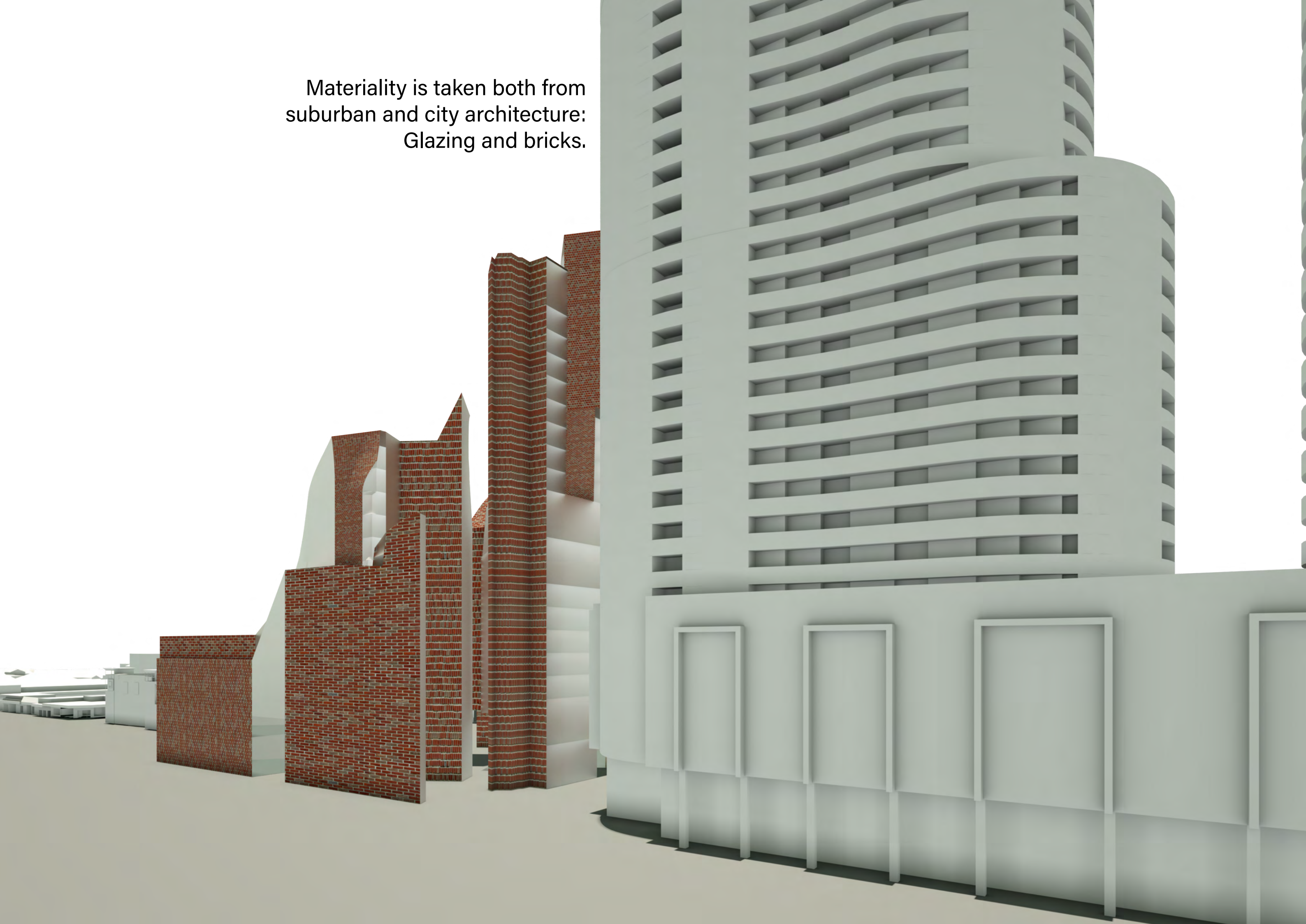
How can we design space and form which integrates the existing identity of a suburb while proposing a new future?



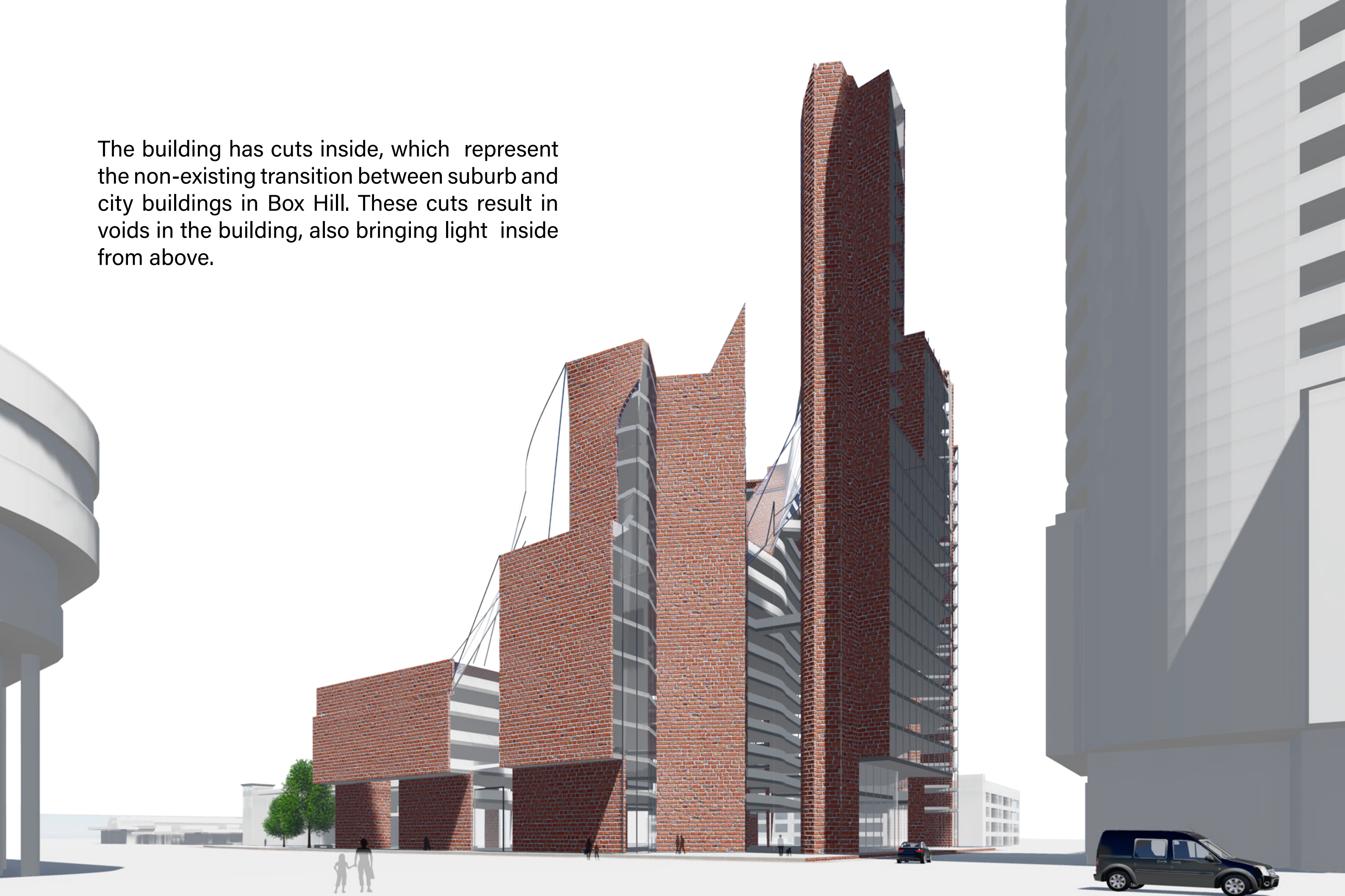
In my office design I took a section of the city and a section from a suburban part of Melbourne. I found an in-between curvature for both of them. Then I have put those on their average heights, while also responding to the surroundings (placing the tall city part next to the skyscraper on the site). By connecting the sections on the facade, I constructed a bridge between the suburban and city architecture, stabilizing the huge contrast between them on the area.

On the ground plan, I also found an in between form from the suburban and city map which I put on top of each other and taken the living blocks which were intersecting with another. So the footprint of the building also comes from an city-suburban figure.

Materiality is taken both from
suburban and city architecture:
Glazing and bricks.

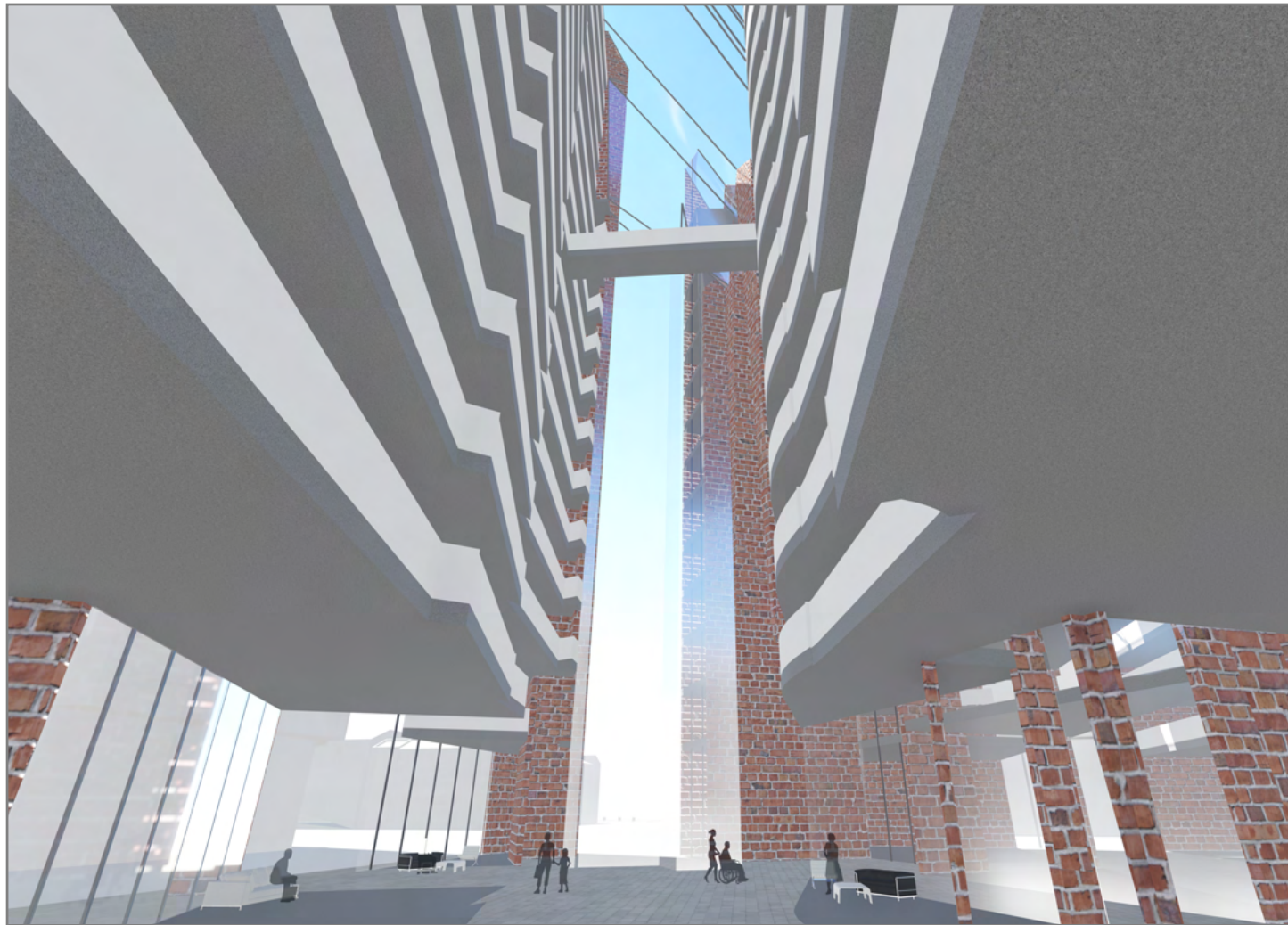


The building has cuts inside, which represent the non-existing transition between suburb and city buildings in Box Hill. These cuts result in voids in the building, also bringing light inside from above.

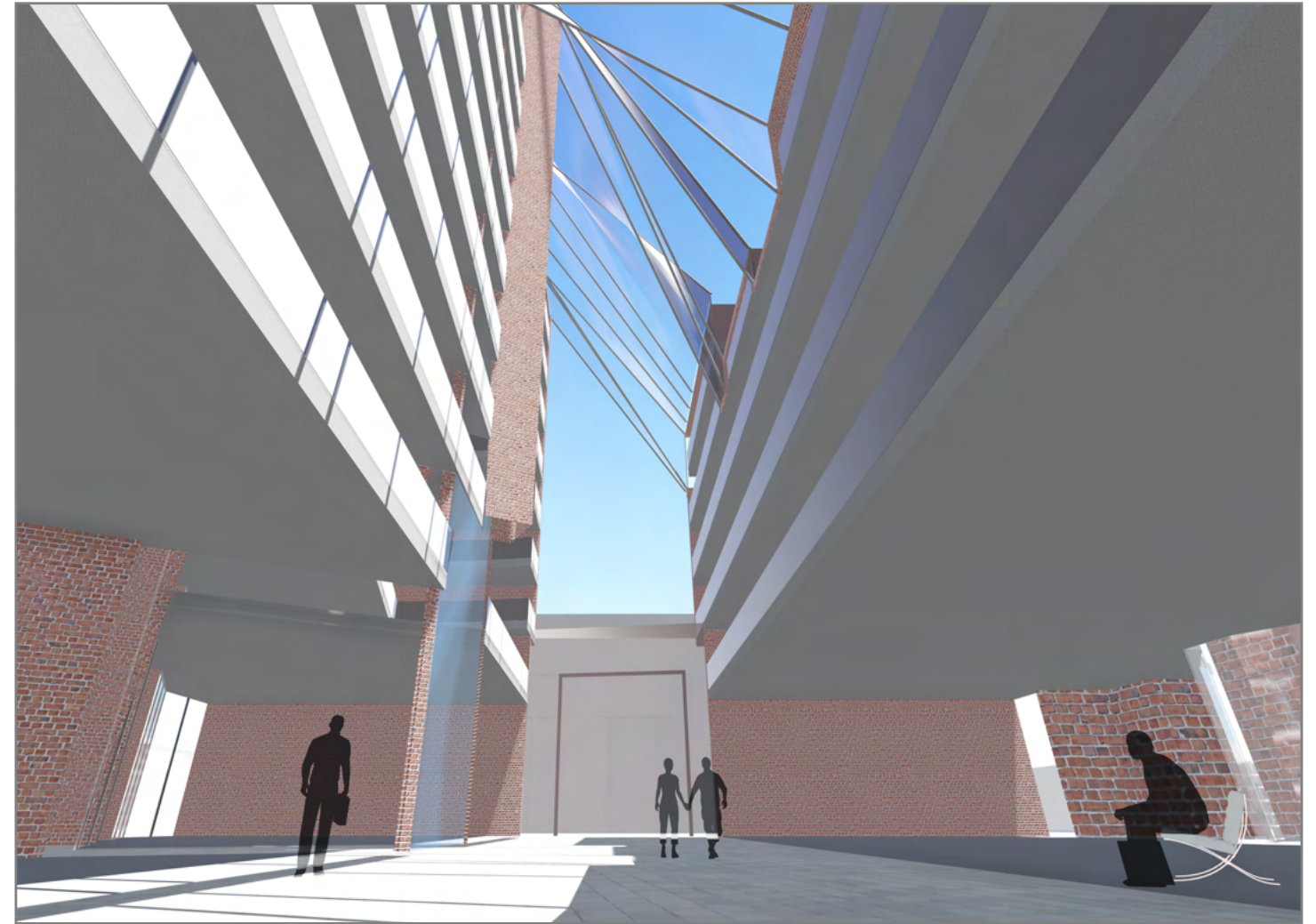




Front yard



Void and the main hall on the ground floor



Entrance Hall from the Suburban Side

6 BACHELOR PROJECT Living for sociable Individualists

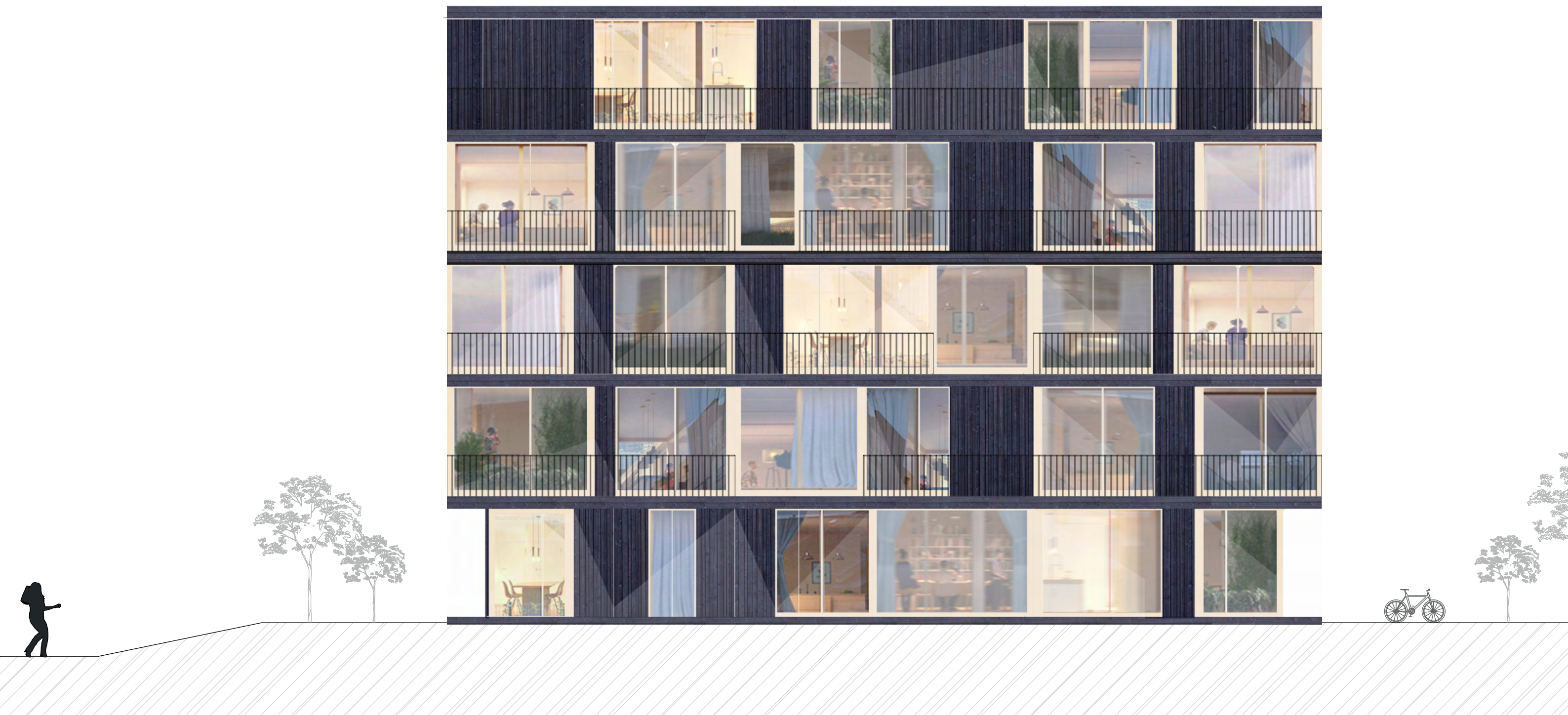


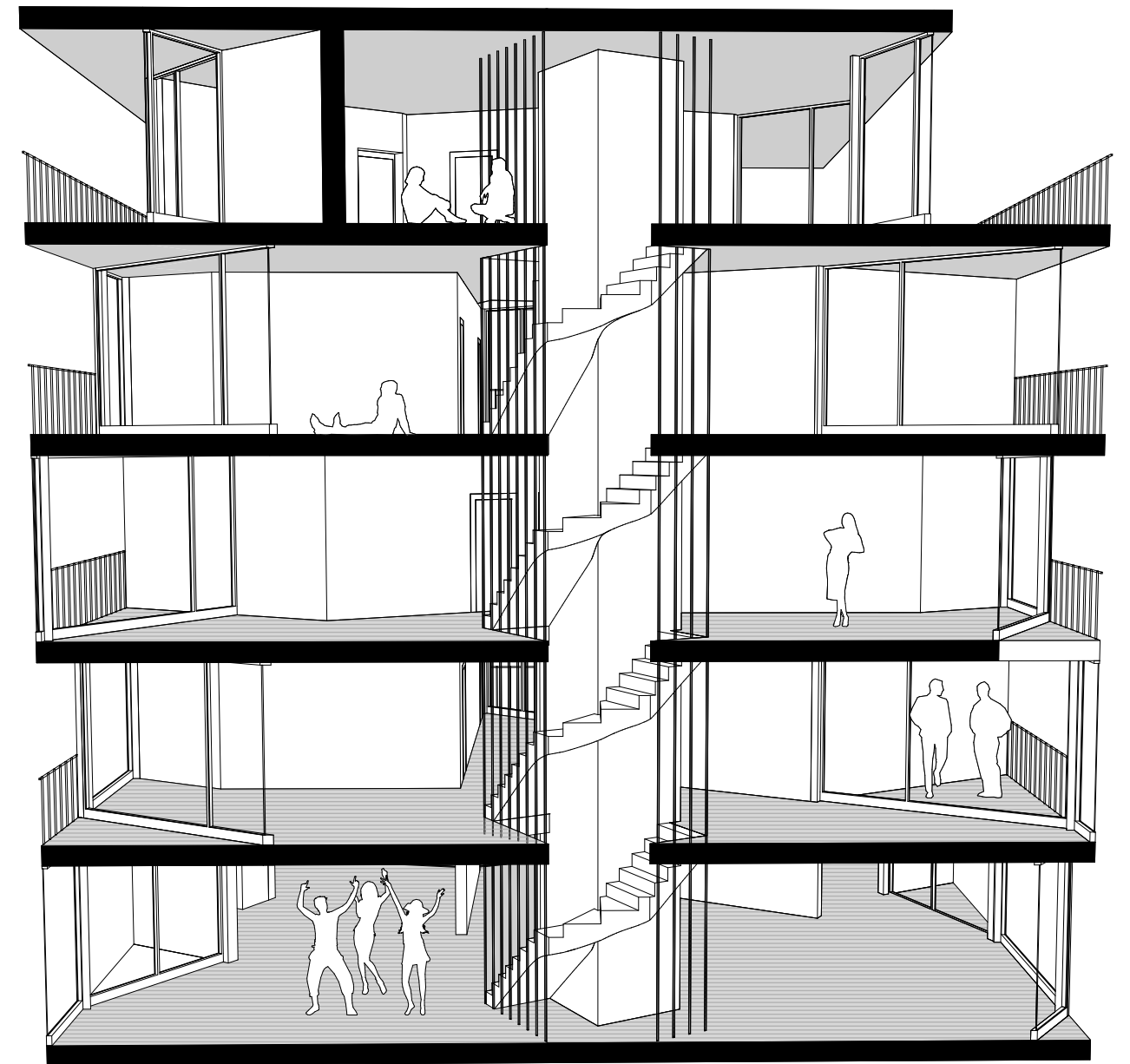
A vision for a studio house for living and working had to be created within a clearly defined framework.

What we understand about the topic “Living for sociable individualists” is a combination between private and public, where there are common rooms and places of isolation. Then it occurred to us that such a situation works perfectly in shared apartments, which should include common rooms for sociable people and isolation for the individualists.

After such considerations, we found that we wanted to design a large artist flat-sharing house, creating private rooms or residential units and common areas - without ensuring too little privacy for the residents. The house serves as a studio and living space for artists, but is generally not closed to people who are not artistically active in any way.

We wanted bright interiors that almost radiate from the elegant black facade. This creates a contrast between inside and outside. The interior shines brightly from the dark facade.









Common Space



Common Space- Living Room



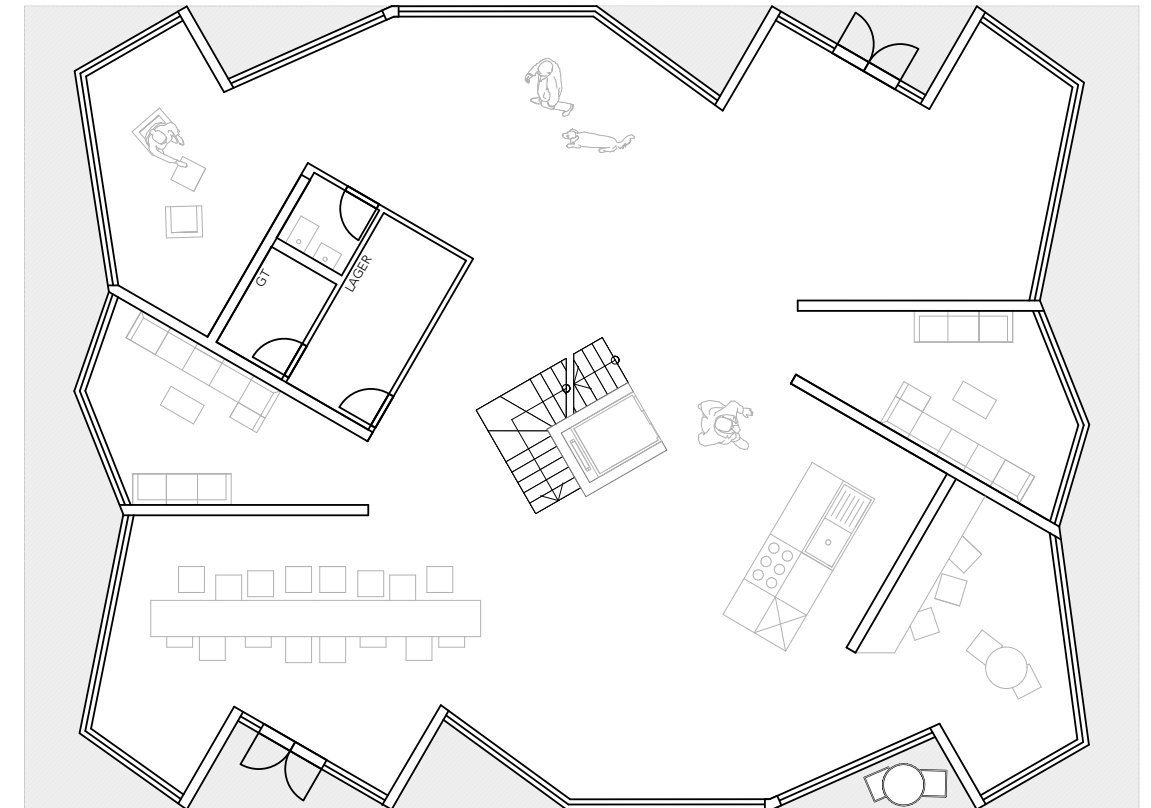
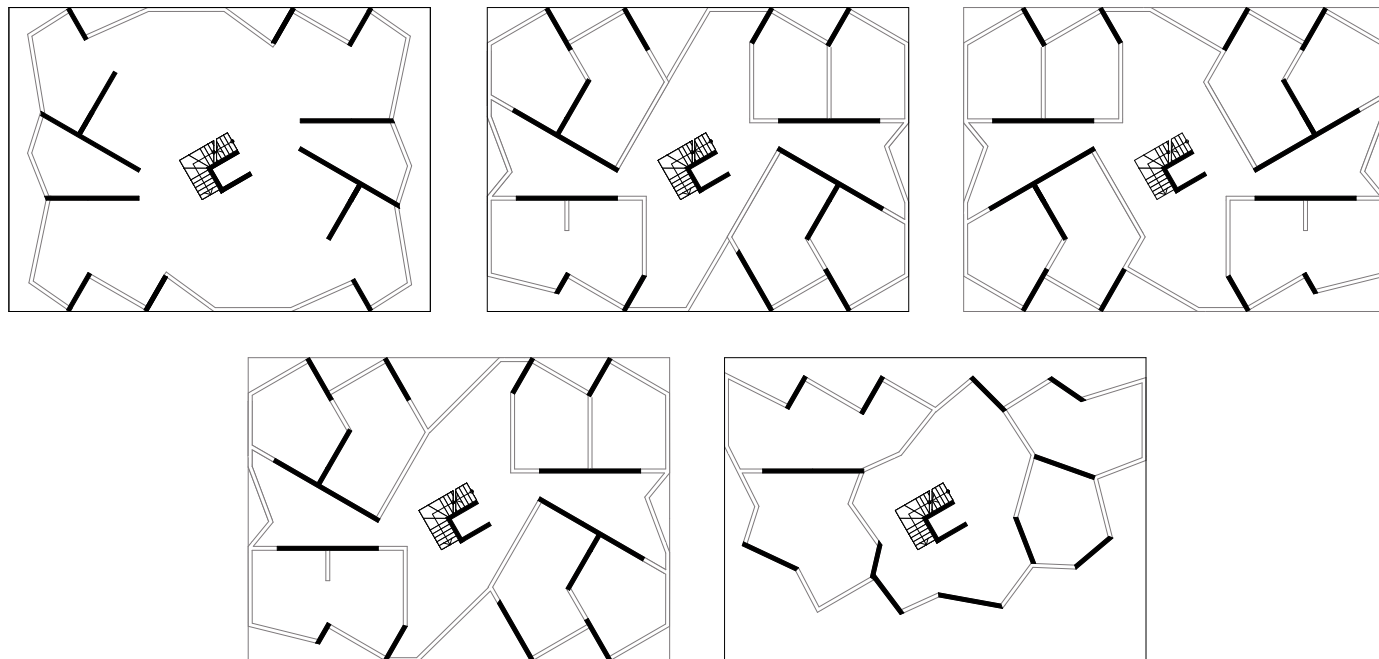
Common Space- Dining Area



Private Room Modules

The structure consists of a reinforced concrete core around the elevator and the stairs. There are also load-bearing walls and panels made of cross-laminated timber.

The load-bearing walls are partly exactly on top of each other and partly they cross each other at certain points on the floors.

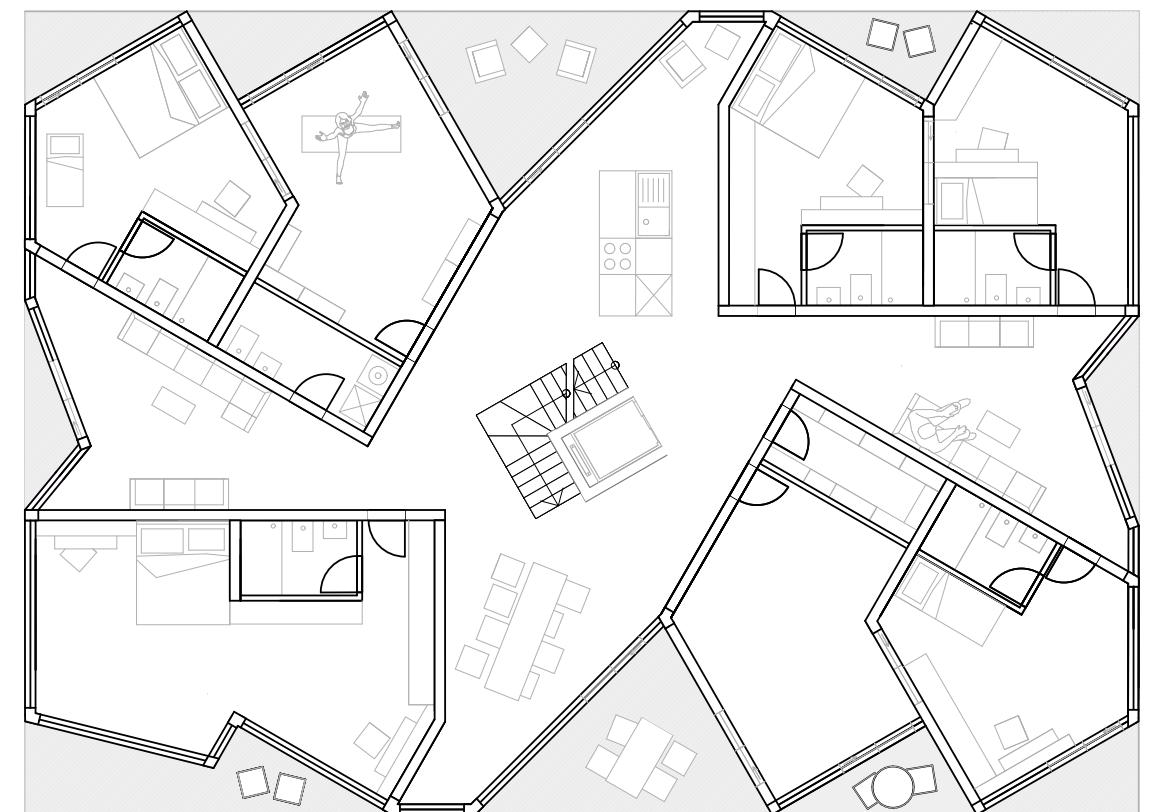


First Floor

There is a flexible space on the ground floor. The residents can work there artistically, or it functions like a freely configurable stage, in case the artists have a concert or a performance. It can also be used as an exhibition location, or a common dinner area for the whole house.



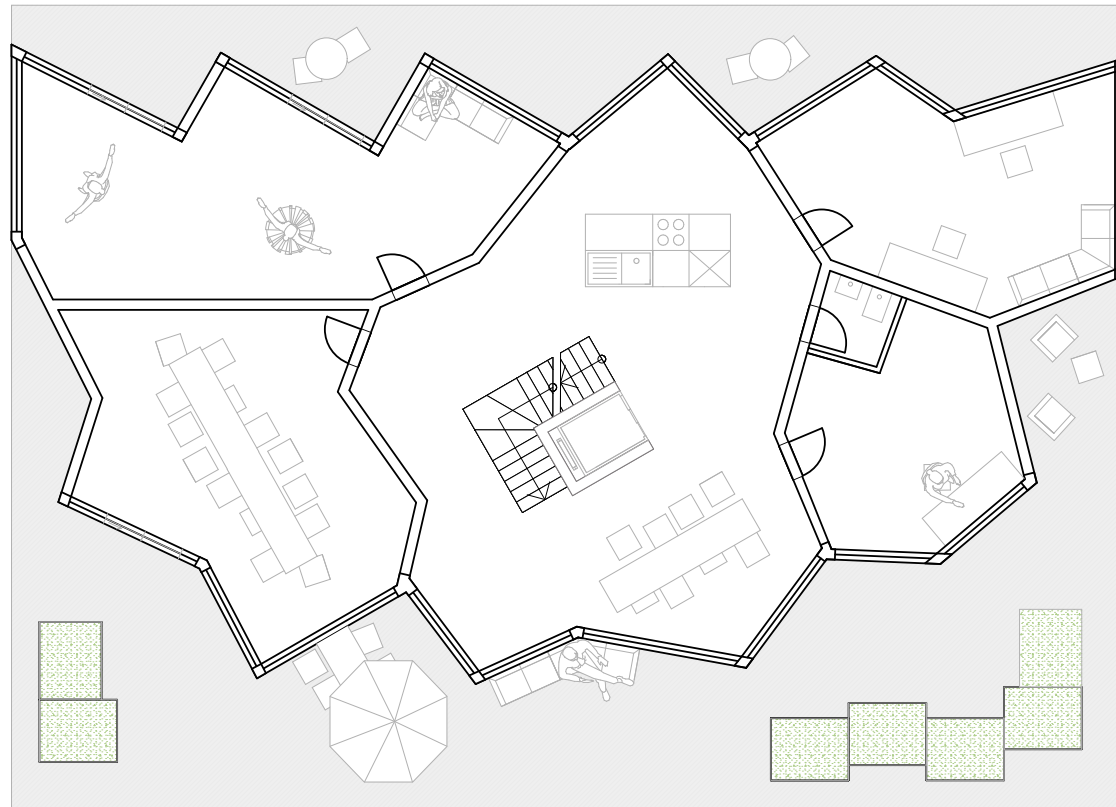
First and Second Floor



Third Floor

There are the three living and art-studio floors. All rooms are private in themselves and are directly accessible to the common rooms, whereas there are no quadretmeters spent for any hallways. The common rooms are niches with a pleasant spatial quality.

We offer a kitchen and a toilet that can be used by everyone on each floor. The top two floors have exactly the same function and the bedrooms are always mirrored, with slight changes with their form and size over the floors.



Top Floor

On the top floor there are again freely designable studio rooms and a very large room that can be used, for example, like a dance studio or a greenhouse. Otherwise there is a large free area for barbecuing in summer and a roof garden. There, and also in the greenhouse, the residents can plant vegetables or flowers themselves.

