

# Portfolio

architecture + design

Selected Works 2008|2014

Ferhat Topuz, M. Arch

## Profile

Ferhat is a motivated Architect and Designer who recently received his Master degree in Architecture studies at Eindhoven University of Technology (TU/e).

Over the past years Ferhat has worked as an intern for various architects and took part in different international workshops. His experience so far showed that he is able to execute with precision any given architectural project thanks to his self-discipline and his ability to work with different people towards a common goal.

A major part of his interest comes from working with various materials & crafts, detailing, new design methods and using new technologies/software. Ferhat has worked on and excelled in making abstract models of objects and spaces using unconventional materials and papers. This has given him an appreciation and sensitivity on materials and crafting.

Ferhat is looking for opportunities to create beautiful experiences using various skills, materials and technology. He is able to perform in a multicultural environment, with a high degree of flexibility and mobility.

CV  
Curriculum Vitae



full name  
Ir. Ferhat Topuz

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4205 ST Gorinchem

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e-mail  
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nationality  
Dutch|Turkish

date of birth  
January 10, 1988

place of birth  
Alphen a/d Rijn (NL)

Social, eager to learn, persistent, critical,  
wide general interest, enthusiastic, concerned  
with design.

**education**

01|2011 - 09|2014 Eindhoven University of Technology (the Netherlands), Master in Architecture, Building and Planning (English-language education)

01|2013 - 06|2013 Parsons the New School for Design, New York, (United States of America), Master in Urban Ecologies (English-language education)

09|2010 - 01|2011 Eindhoven University of Technology (the Netherlands), Pre-Master in Architecture, Building and Planning (English-language education)

09|2005 - 07|2009 University of Rotterdam (the Netherlands), Bachelor Building Sciences and Architecture.

09|2000 - 07|2005 Merewade college (pre-university college), Gorinchem (the Netherlands). HAVO, Science and Technology (pre university education)

**relevant work experience**

01|2009 - 07|2009 Bachelor Graduation Project at Koppers, Duizers and van Eck architect, Gorinchem (the Netherlands)

01|2008 - 07|2008 Intern as Junior Architect at consultants and engineering office Advin, Dura Vermeer, Barendrecht (the Netherlands)

09|2007 - 01|2008 Intern as Junior Architect at architectural office Antwerps Architecten Atelier, Antwerpen (Belgium)

09|2004 - 01|2005 Intern at architectural consultancy office Terra Traiectum, Den Bosch (the Netherlands)

07|2003 - 09|2003 Intern at Aart van Eck Architects, Gorinchem (the Netherlands)

**secondary activities**

09|2011 - 09|2013 Editor of the architecture magazine 'Archiprint' at the Eindhoven University of Technology (the Netherlands)

05|2012 - 07|2012 Dutch Design Week Exhibition, Urban Acupuncture, Place of Worship, Eindhoven (the Netherlands)

**additional**

03|2012 Erasmus Intensive program, Sensing the City - Designing Urban Experience 2012, Cacaes (Spain)

01|2011 International Winter School, Roving Architectural Design Studio 2011, Gazi University, Ankara (Turkey)

07|2009 - 01|2011 Member of the Dutch-Turkish Student Association

07|2010 - 01|2011 Student tour operator at Pera Travels, Amsterdam (the Netherlands)

**languages**

Dutch: Mother tongue  
Turkish: Mother tongue  
English: Fluid verbally and written  
German: Novice and Learning

**technical skills**

**very good**  
Microsoft Office (Word, Excel, Powerpoint, Outlook) | Adobe Creative Suite (Photoshop, Illustrator, Indesign, Lightroom) | AutoCAD | Sketchup | VRAY Render

**fast learner**  
Archicad | Vectorworks

**additional skills**  
Photography | modelling | visualization

**interests**

Music | architectural design | furniture design | urban design | politics | cultures | technology | literature, nature and traveling | sports.

## Portfolio directory

01. **de Vrijplaats**  
Baarle-Nassau (NL/BE)
- Last semester of the course. 'de Vrijplaats'; a place as an escape from everyday life and explore our sexual boundaries located within the border area between the Netherlands and Belgium.
02. **Place of Worship**  
Eindhoven (NL)
- Second semester of the course. Urban Acupuncture for urban development in the Woensel-West district of Eindhoven in the Netherlands.
03. **Merging fragments**  
Helmond (NL)
- Firs semester of the course. Industrial Waterfronts: merging the fragments of the canal zone of Helmond in the Netherlands.
04. **1:1**  
Brussels (BE)
- Firs semester of the course. A 1 to 1 confrontation with a detail and its proportions.
05. **Odyssey**  
Eindhoven (NL)
- Firs semester of the course. A route through the TU/e campus with the journey of the mythical figure Odysseus as a theme.
06. **House Dekoning**  
Antwerp (BE)
- Project during an internship. A design for a house renovation with extension of family Dekoning in Antwerp (Belgium).
07. **Architectural photography**  
New York (USA)
- A collection of architectural photos with the urban context as main subject.
08. **Fantasy impressions**  
Gorinchem (NL)
- A reflection of the creative mind.
- more work on [ferhattopuz.nl](http://ferhattopuz.nl)

This portfolio contains a sample of the work conducted during my academic years as well as my work during internships. Each of the selected projects aims to highlight the different skills which were developed for the solution of an architectural problem assignment.

# 01. De *Vrijplaats*

Baarle-Hertog (NL)



# 01. de Vrijplaats

a sanctuary in the borderlandscape

## Subject

Border (e)scape

## Objective

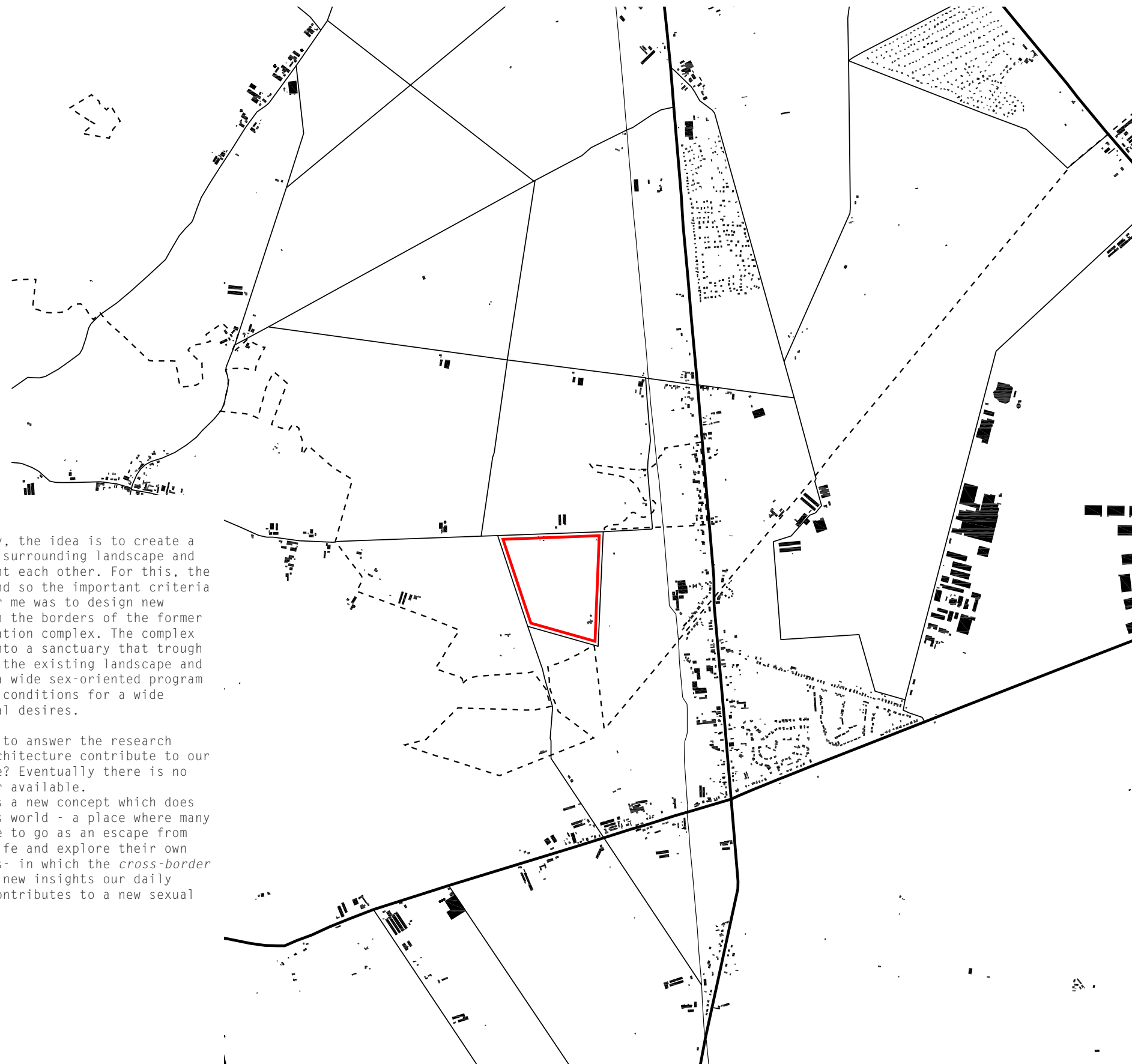
A place as an escape from everyday life

## Location

Baarle-Hertog (NL)

## Year

2014



The main motivation behind this project is to design a contemporary *buitenplaats* - a summer residence, in the 17th and 18th centuries, which served as a place outside the city for rich townspeople who could afford to escape from the hectic city life and their daily routine in search for the other- only a few meters from the border with Belgium, in the most southern part of the Netherlands.

A theoretical framework prior to the design brief has given insight into our 'desire for the other' within the sexual sphere - and escape from our daily sex life.

In this respect this project is aimed at introducing a sanctuary in the border region which facilitates activities of sexual pleasure, lust, desire and imagination in a localizable place - a *heterotopia* that we can define as a contemporary *buitenplaats*. The involvement of the borderland within this project has resulted in a search for a location that contributes to the feeling of escaping from everyday life - where the border between decency and indecency, visibility and invisibility is strengthened. Among a few options this project is located on a former military mobilization complex of Baarle-Nassau, between one of the world's most fragmented and ambiguous border landscapes.

More specifically, the idea is to create a *vrijplaats* where surrounding landscape and program complement each other. For this, the most necessary and so the important criteria in the design for me was to design new conditions within the borders of the former military mobilization complex. The complex is transformed into a sanctuary that through interventions in the existing landscape and the addition of a wide sex-oriented program provides perfect conditions for a wide spectrum of sexual desires.

The design tried to answer the research question: can architecture contribute to our sexual experience? Eventually there is no conclusive answer available.

The *vrijplaats* is a new concept which does not exist in this world - a place where many people would like to go as an escape from their everyday life and explore their own sexual boundaries- in which the *cross-border* program provides new insights our daily sex life's and contributes to a new sexual experience.

#### program

The area consists of fully programmed facilities and a landscape that provide conditions for a range of sexual desires.

#### build environment

Fully programmed buildings are spread over the area and are located in the open 'rooms'.

#### landscape contrasts

The former build structure disturbed a part of the complex and is used to return the moorland it had originally. The plan also includes lawn in some places. This creates a contrast between 'empty, low rooms' and the dense forest which promoted the functional use.

#### casco

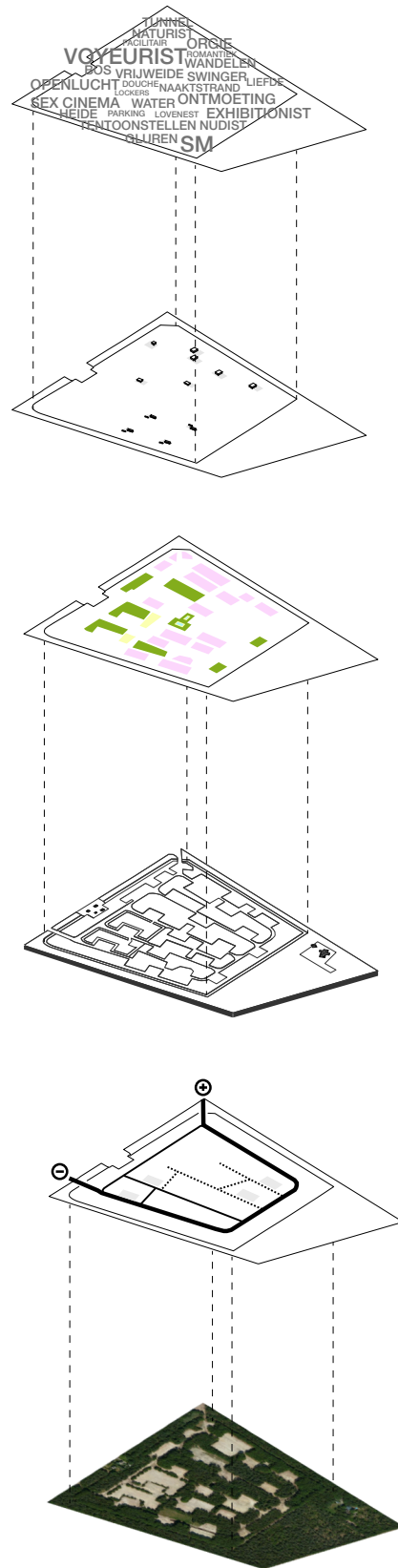
In 2009-2010 a rehabilitation of the mobilization complex took place. What remains is an empty shell of forest and open, lower 'rooms'.

#### infrastructure

The former infrastructure is reduced in a subtle way: half-hardened pathways must provide a park-like feel, roads are connected to different parking and venues and a new entrance and exit and a clear perimeter of the site reinforces the new identity.

#### existing landscape

The base of the master plan is the existing landscape where the structure of the former military mobilization complex are clearly visible.



Besides various conditions in landscape the sanctuary also consists of several facilitated programs which are reflected in the design of three (3) different pavilions.

1. Lust bunker
2. Dungeon
3. Bathhouse

The pavilions have common characteristics, which is to be found in the use of material, light and form, the various details and plans where 'body' and 'sexual pleasure' is central.

The important feature of maps is the storyline / the sequence in the routing that can be divided into;

#### 1. Preparation

hallway with basic needs such as toilets and changing rooms

#### 2. Foreplay

central space in the form of a bath or shower

#### 3. The Highlight

the main room where the sex is primary



the hall

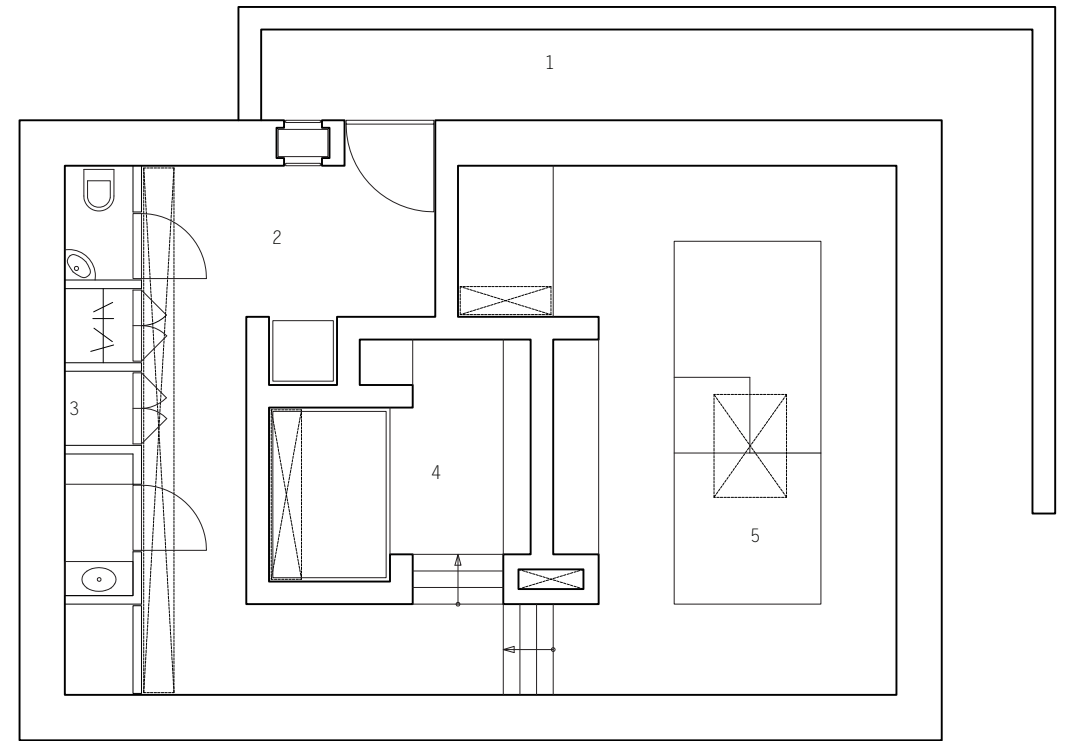


central bathroom



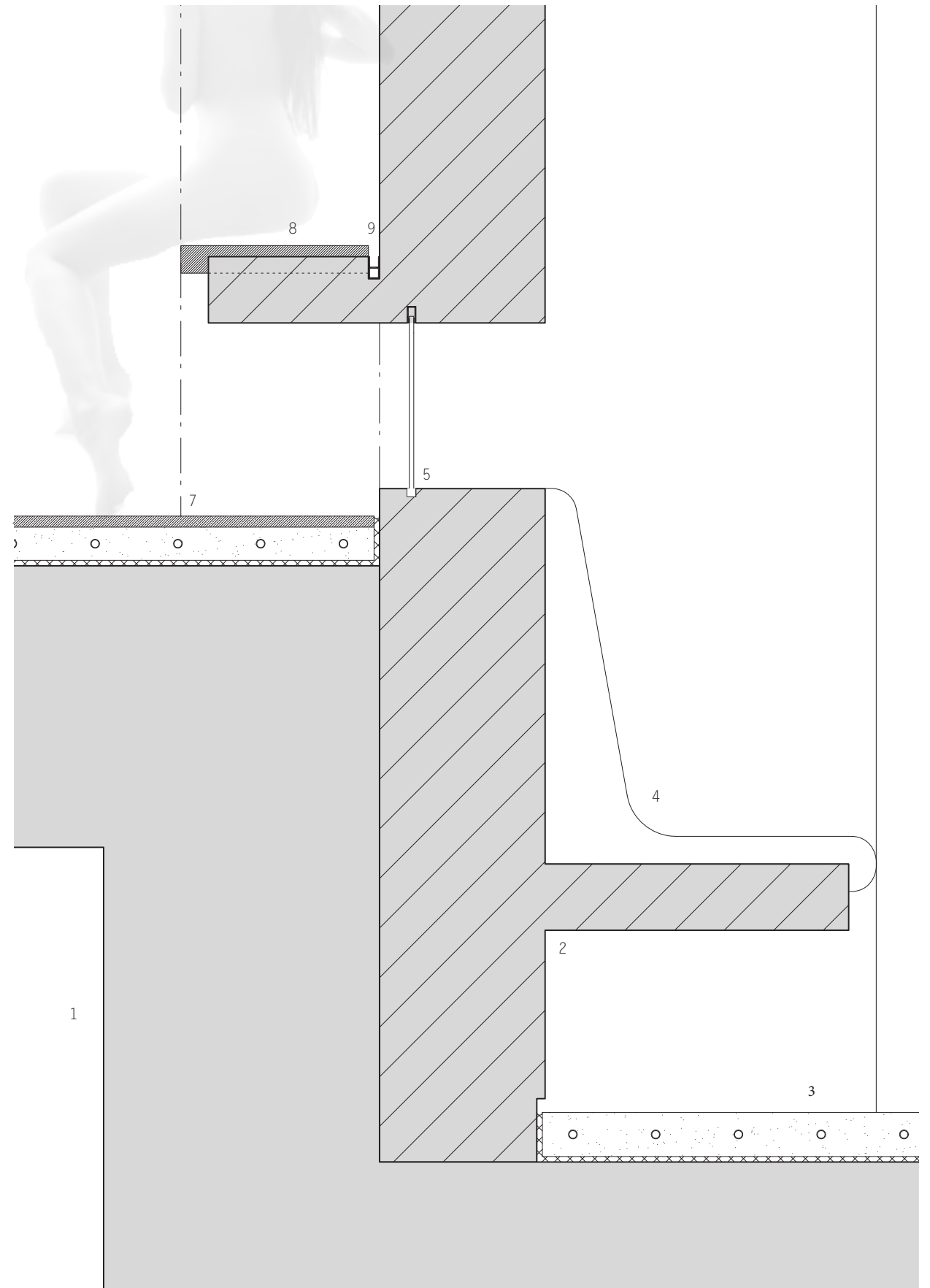
the main space and the connection with the central bathroom

1. threshold
2. hall
3. storage- and changing rooms
4. central bathroom
5. main space





1. misapor thermal insulating concrete
2. misapor thermal insulating concrete precast element
3. polished concrete screed and floor warming
4. finishing precast element soft padding covered with fabric
5. stainless steel U-profile frameless glass for an optimized the view
6. glass 12 mm placed in stainless steel U-profile
7. deep black cut Portuguese slate 20mm
8. walnut beams engrossed in a Misapor precast element
9. stainless steel U-profile 40 \* 20 bench drain



**1:10**

link between bathroom and mainspace



the hall

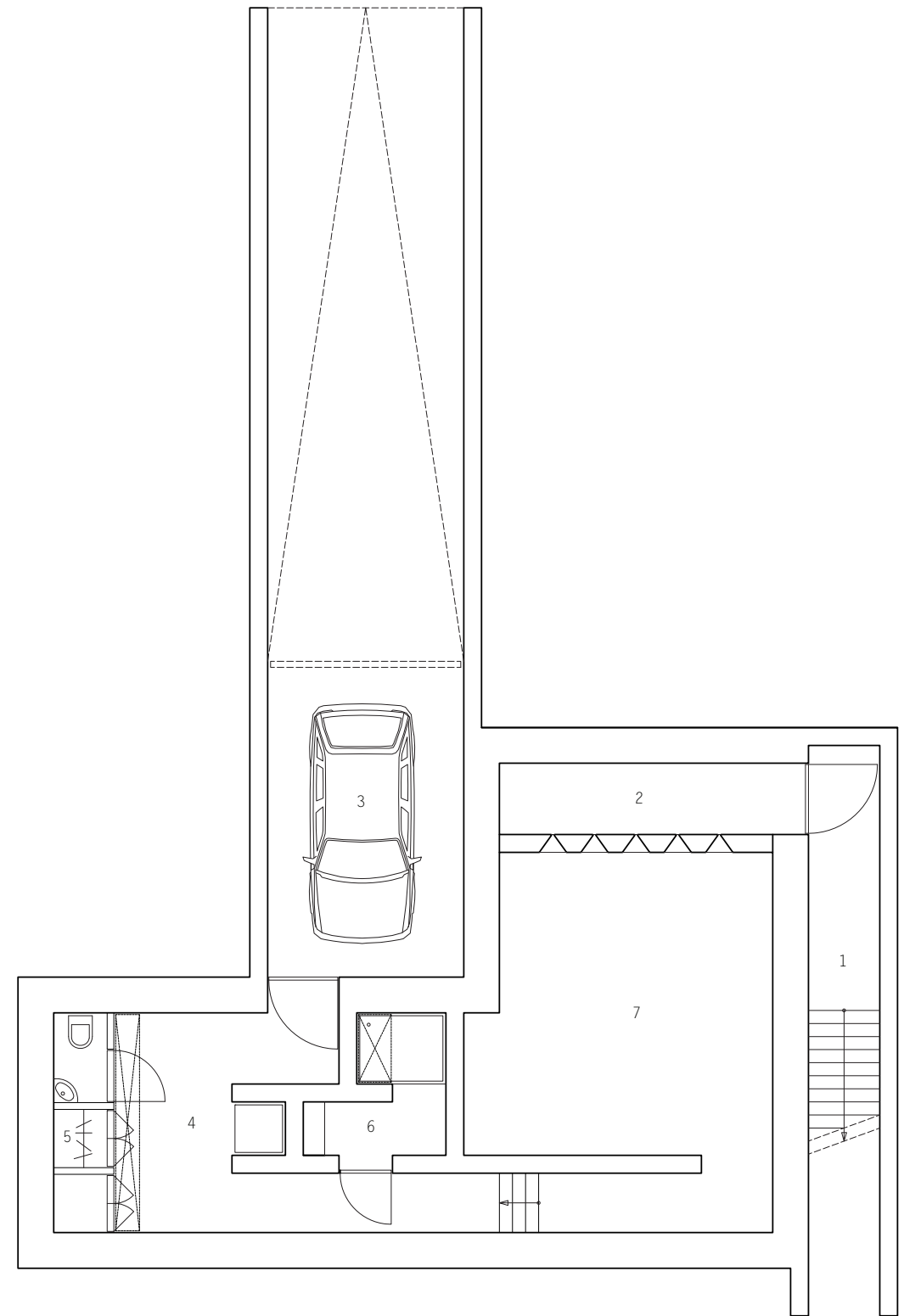


bathroom entrance and transition to the main space

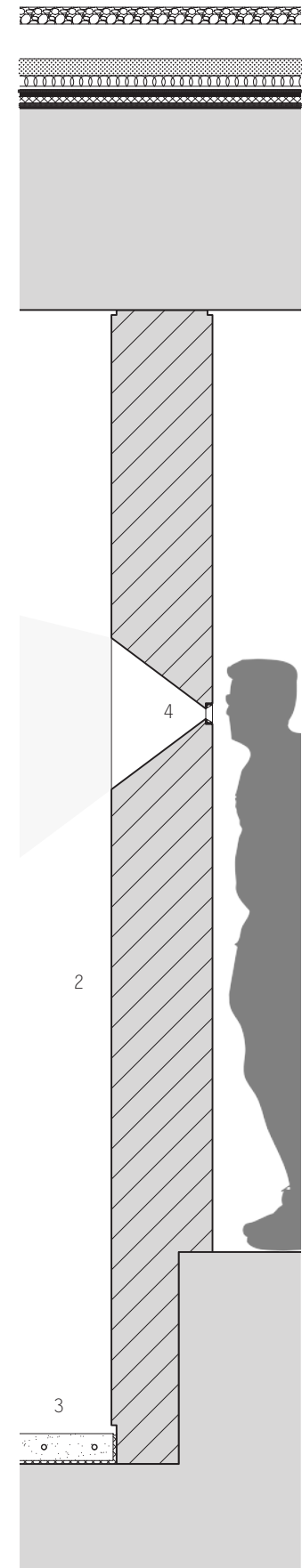


the transition to the main space and the peepholes in the wall

1. voyeur entrance
2. voyeur platform
3. underground parking
4. hall
5. storage- and changing rooms
6. bathroom
7. main space



1. misapor termal insulating concrete
2. misapor thermal insulating concrete precast element
3. polished concrete screed and floor warming
4. stainless steel LED profile with LED lighting profile serving sight limitation voyeur



1:20

relation voyeur platform and main space



the common hall and the outside-inside relation

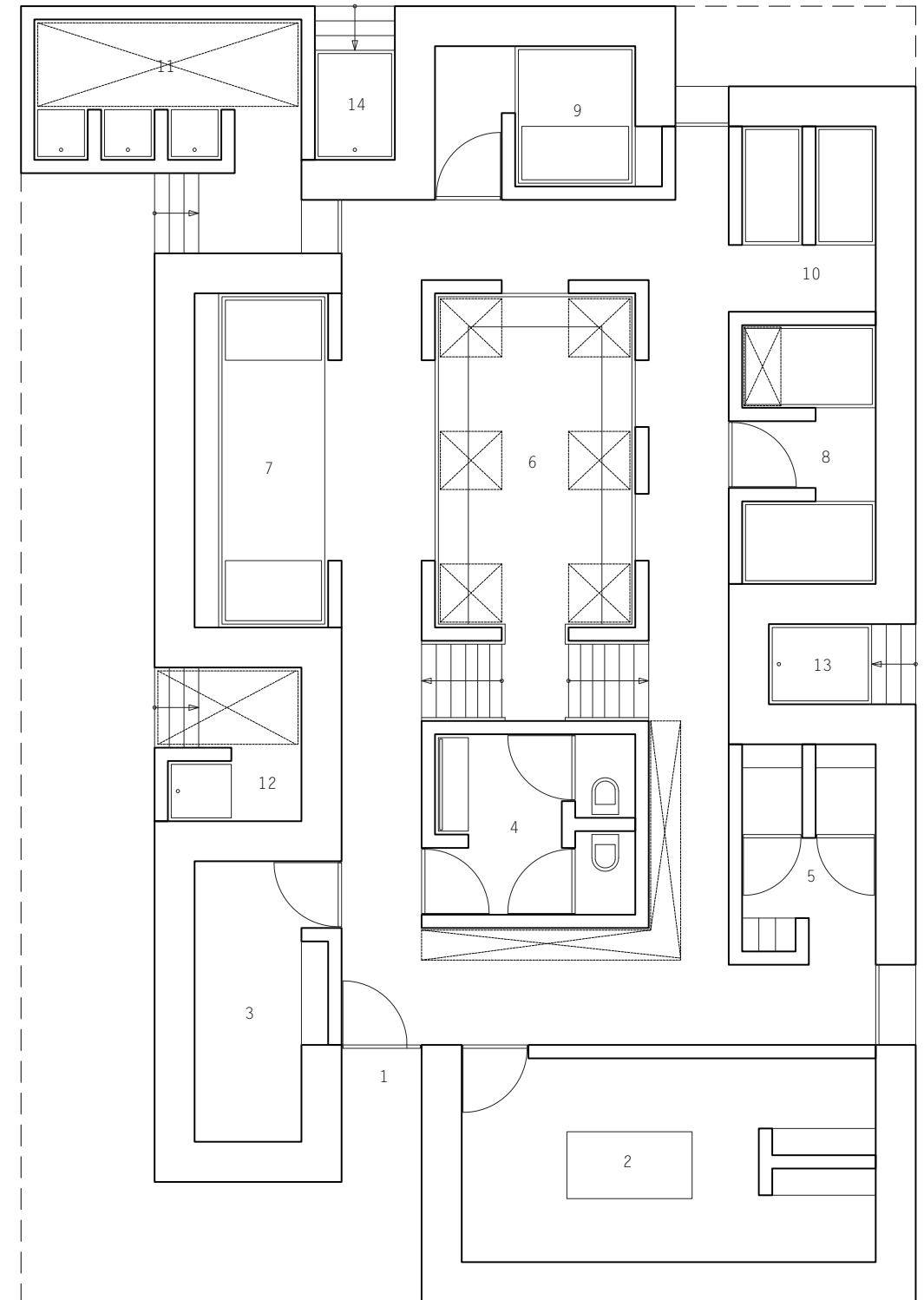


view from the common hall to the central bath

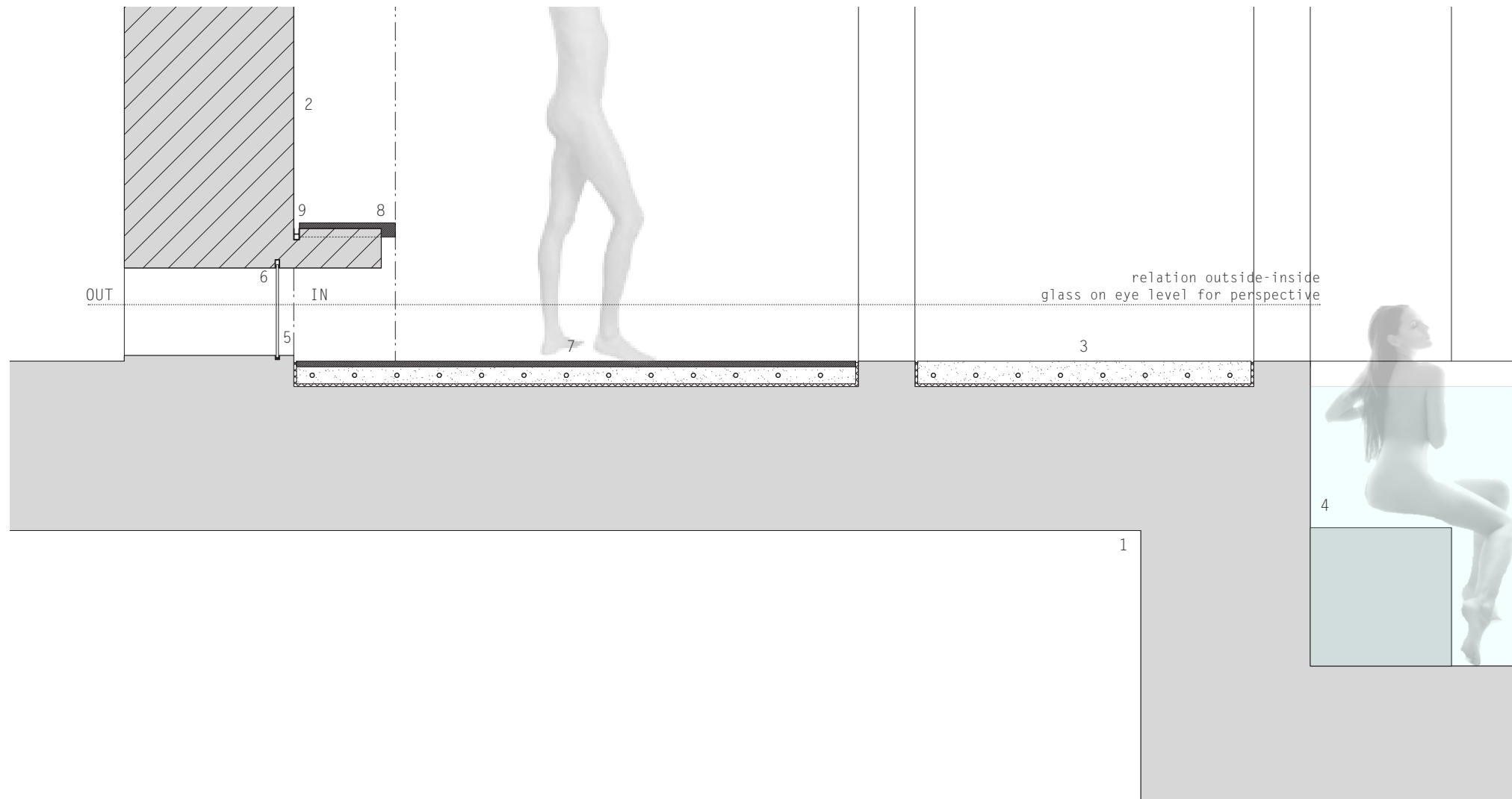


view from central bath towards the shared shower and its relation with outside

1. entrance
2. changing room
3. facility room
4. toilet
5. private changing room
6. central bath
7. shared shower space
8. private shower and relaxation room
9. private shower
10. relaxation room
- 11-14 outdoor shower



1. misapor thermal insulating concrete
2. misapor thermal insulating concrete precast element
3. polished concrete screed and floor warming
4. concrete in bath seating element
5. stainless steel U-profile frameless glass for an optimized the view
6. glass 12 mm placed in stainless steel U-profile
7. deep black cut Portuguese slate 20mm
8. walnut beams engrossed in a Misapor precast element
9. stainless steel U-profile 40 \* 20 bench drain



1:20

relationship inside-outside from central bath and shared shower



02.

# Place for Worship

Woensel-West district, Eindhoven (NL)

## 02. Place for Worship

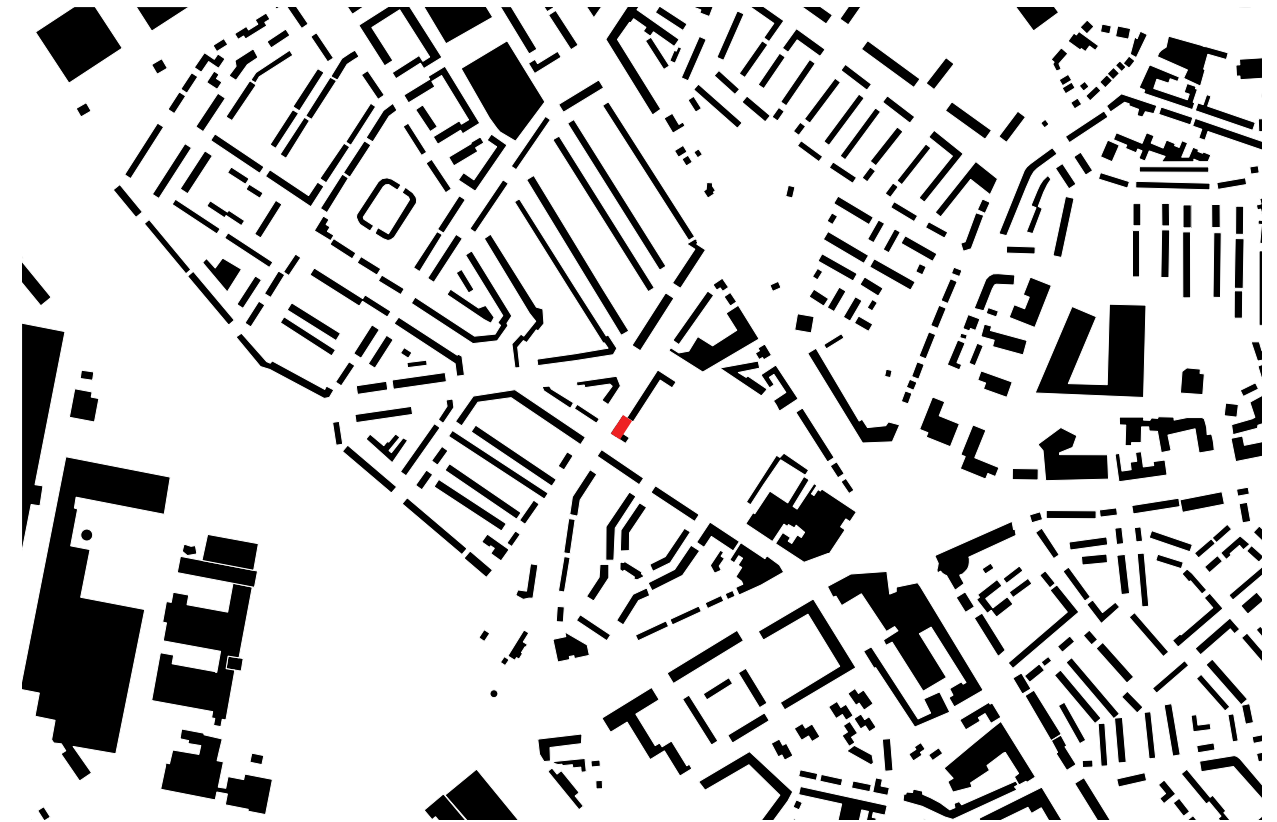
urban acupuncture for urban development

Subject  
Place for worship

Objective  
Urban Acupuncture

Location  
Woensel-West Eindhoven (NL)

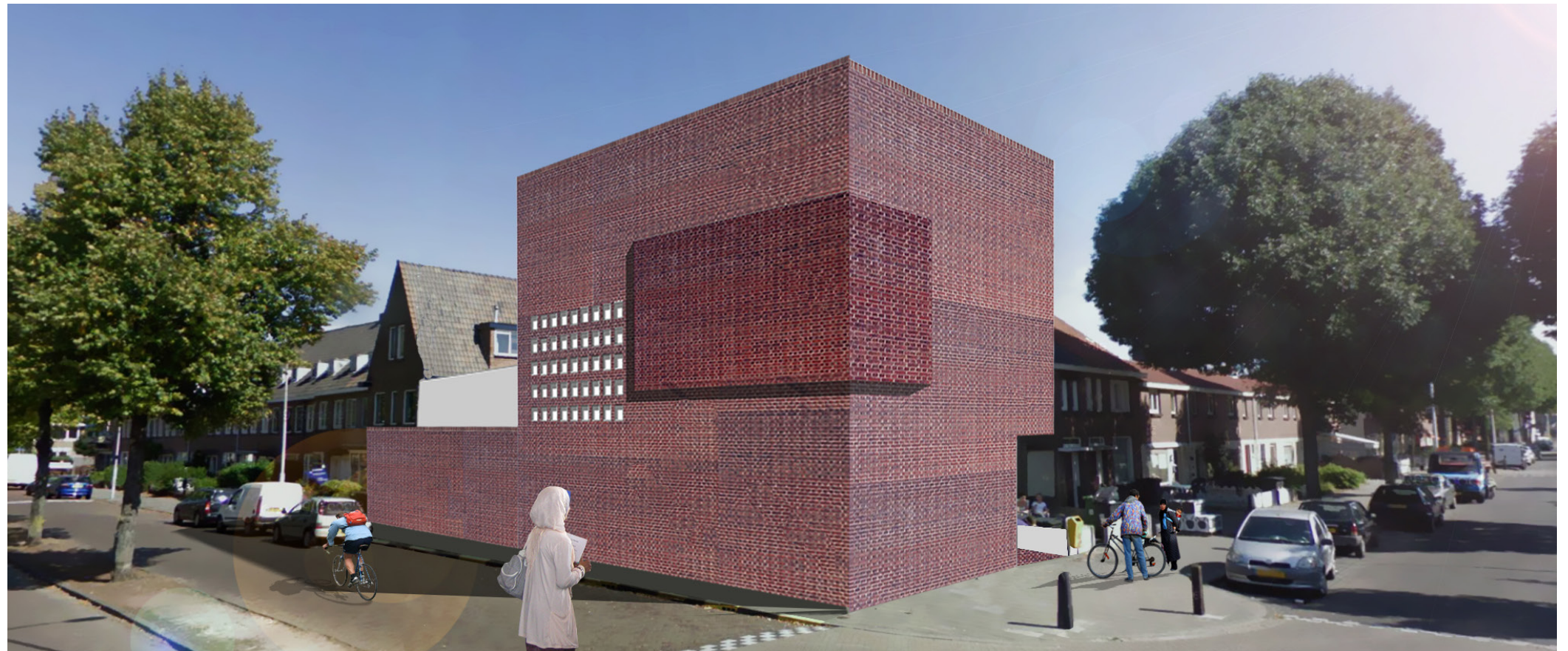
Year  
2012

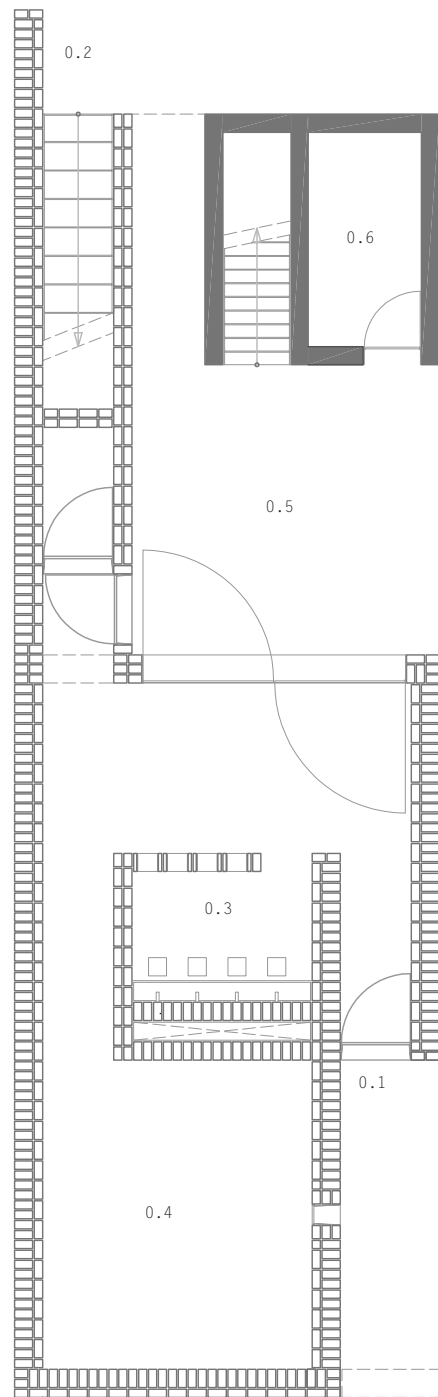


The Woensel-West district in Eindhoven counts 1850 pre-WW II houses in total, 2/3 of which are social rental housing. The assignment was to redesign one of the corners of the main street of the area (Edisonstraat), and redefine the program of the building in relation to the existing urban grid.

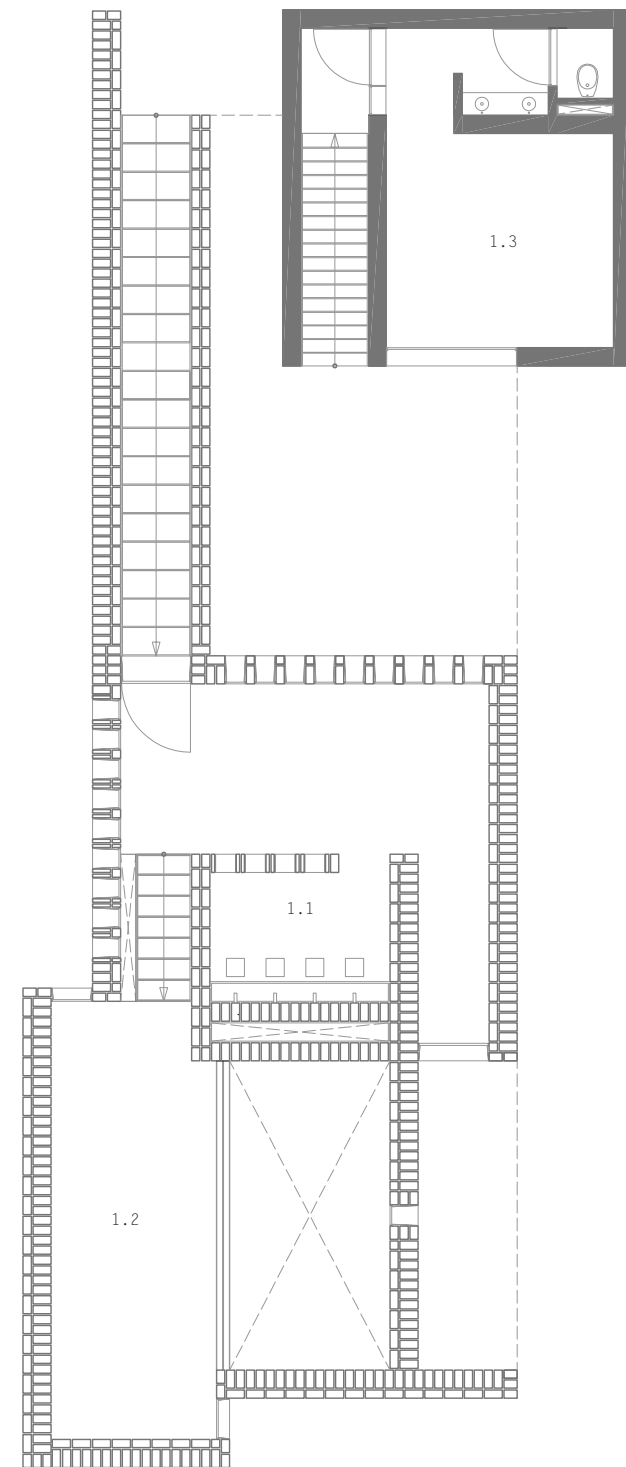
The proposed concept was to design a Masjid, also called a 'little mosque' or 'place to pray'. The Arabic word masjid means the place of worship and are small spaces used as a place for prayers. The Masjid would host the large local Muslim community in the district, which includes: prayer halls, ablution spaces, a multifunctional space for social activities and a public courtyard. Brick was used, as the main material, which represents purity of faith.

The final design, which is showcased at the Dutch Design Week in Eindhoven (NL), was the result of working with several models, different brick bonds, research of Masjid's history and trying to find the shape which would integrate into the area the most.



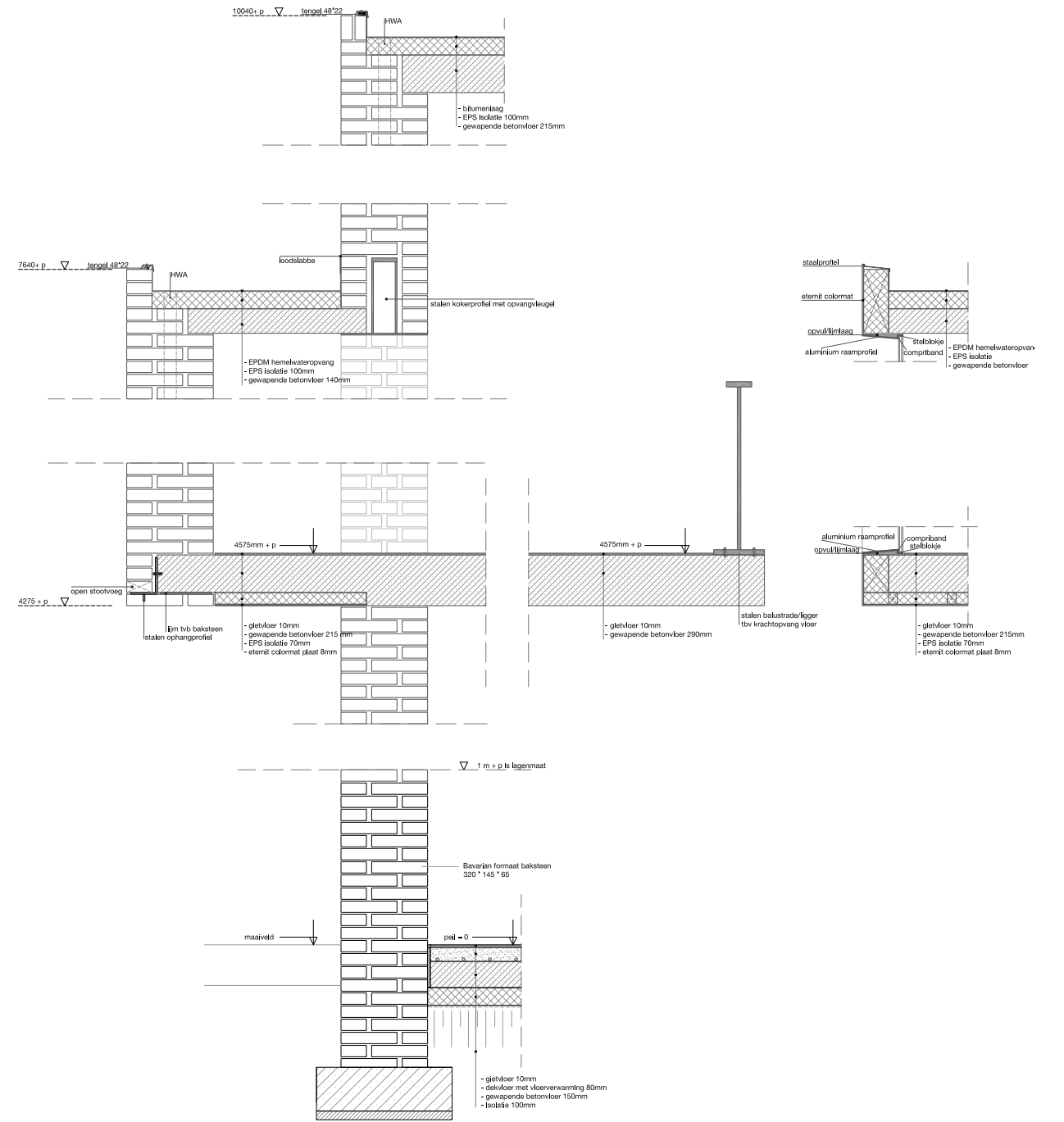
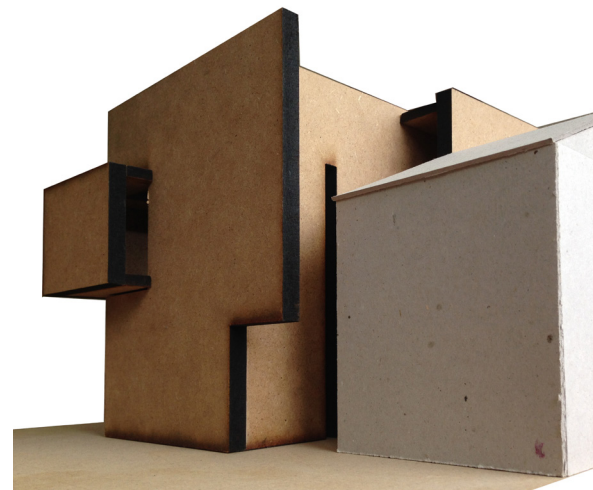
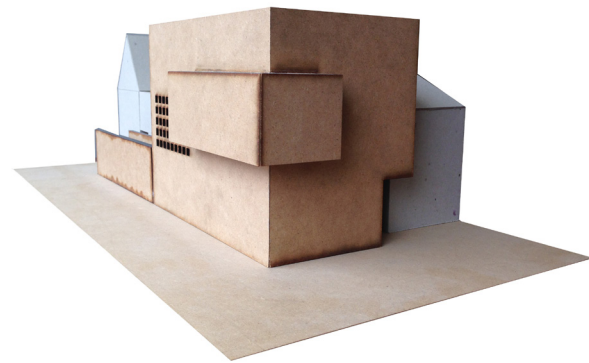
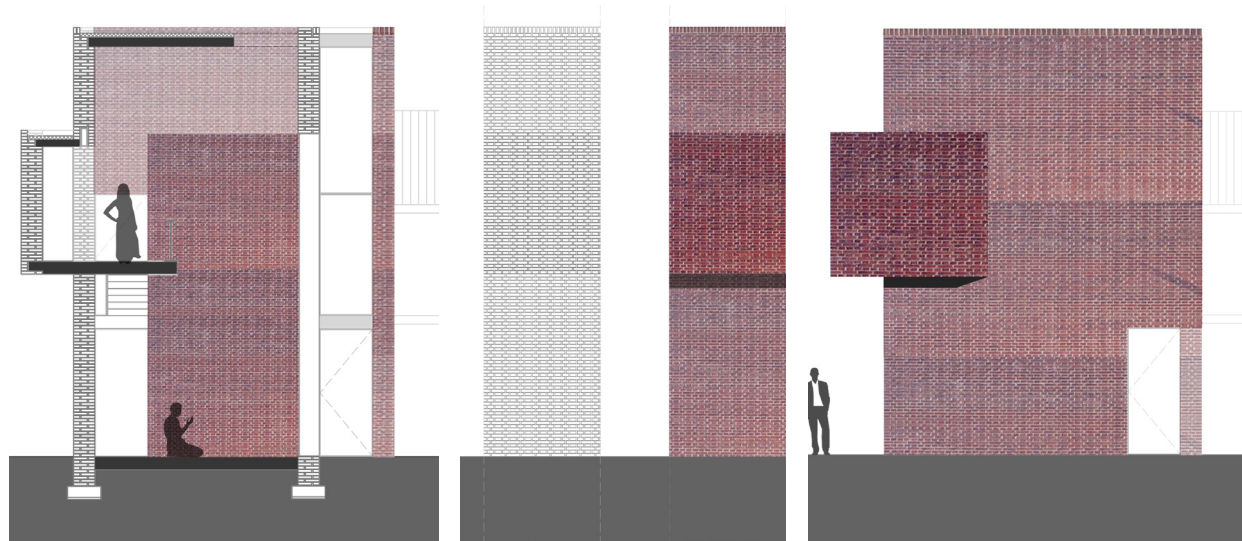
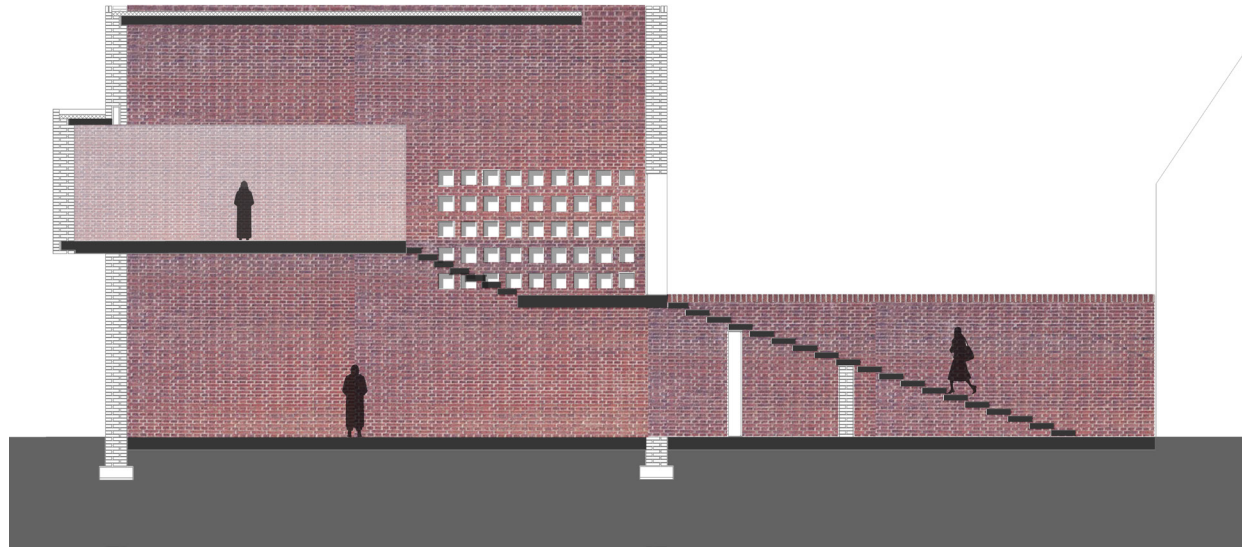


- 0.1 main entrance
- 0.2 women entrance
- 0.3 ablution space men
- 0.4 prayer room men
- 0.5 courtyard
- 0.6 storage



- 1.1 ablution space woman
- 1.2 prayer room women
- 1.3 multifunctional space







03.

# Merging Fragments

the canalzone of Helmond (NL)

# 03. Merging Fragments

industrial waterfronts: the Helmond canalzone

Subject  
Industrial Waterfronts

Objective  
Investigate new strategies in rehabilitating waterfronts of Helmond (NL) and making them desirable places to live in.

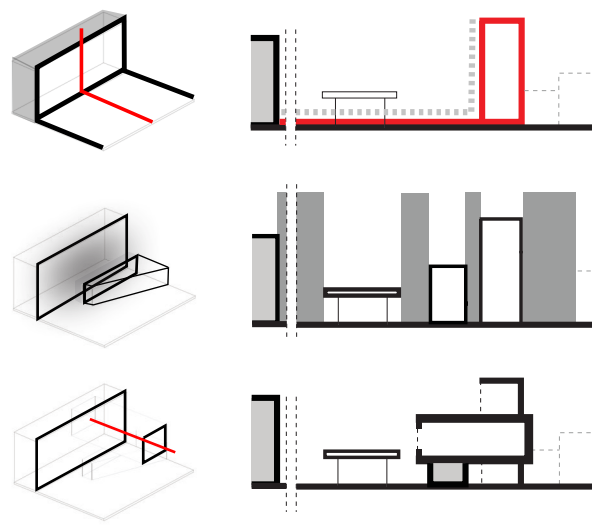
Location  
Helmond (NL)

Year  
2011

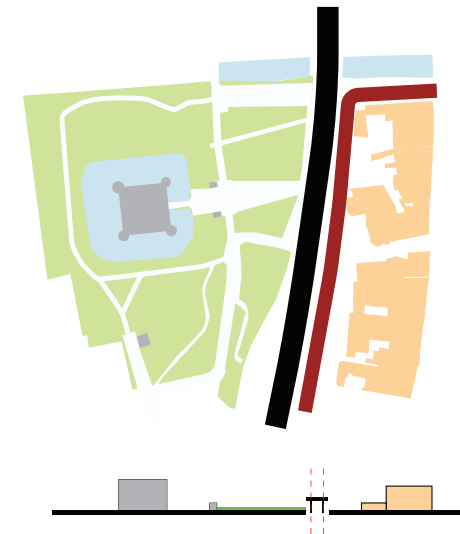


Historically, industrial canal zones were intensively used in the XIXth century and were the staging points for the import and export of goods. Enterprises built along the canal waterfront were the major source of wealth for many cities. Nowadays, such wealth has been turned into environmental degradation and toxicity. The void left in many urban waterfronts by these dismissed area attract the full range of expectations; actually, it is a concern what the city is about and or which its needs are. Therefore, to act in these areas is a sort of investigation into the 'essence' of the city and enhancement of its spirit at the same time.

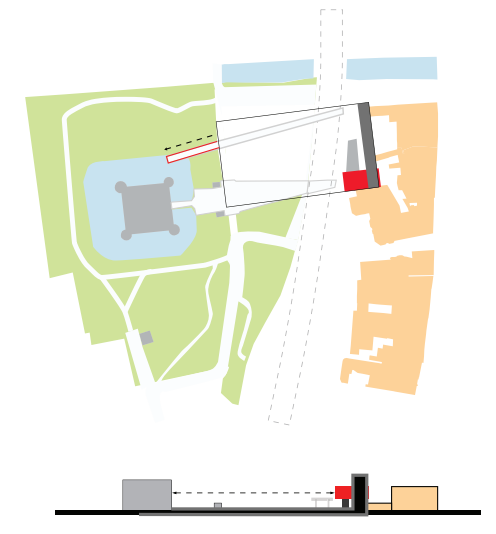
The design concerns a 'community centre' proposal for the development of the 'Kanaalzone' of Helmond, a former industrial area along the Helmond canal which includes; offices for starters, spaces for workshops and a multi-functional space that could be used for different cultural activities.



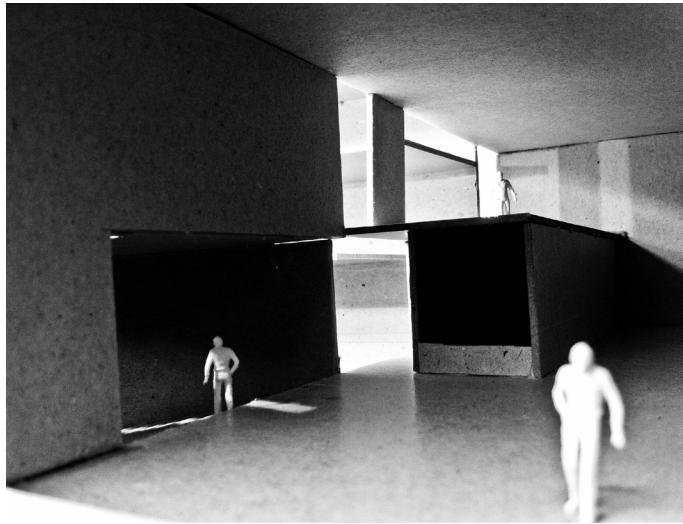
design concept



existing situation



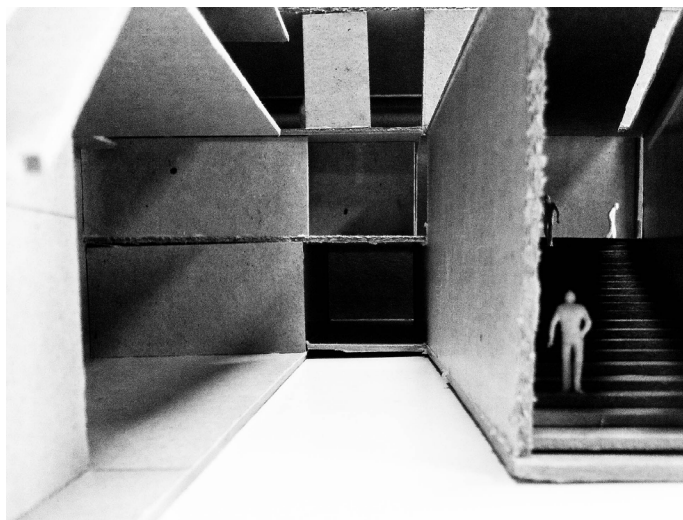
new situation



exhibition space - wardrobe and exit/entrance



circulation



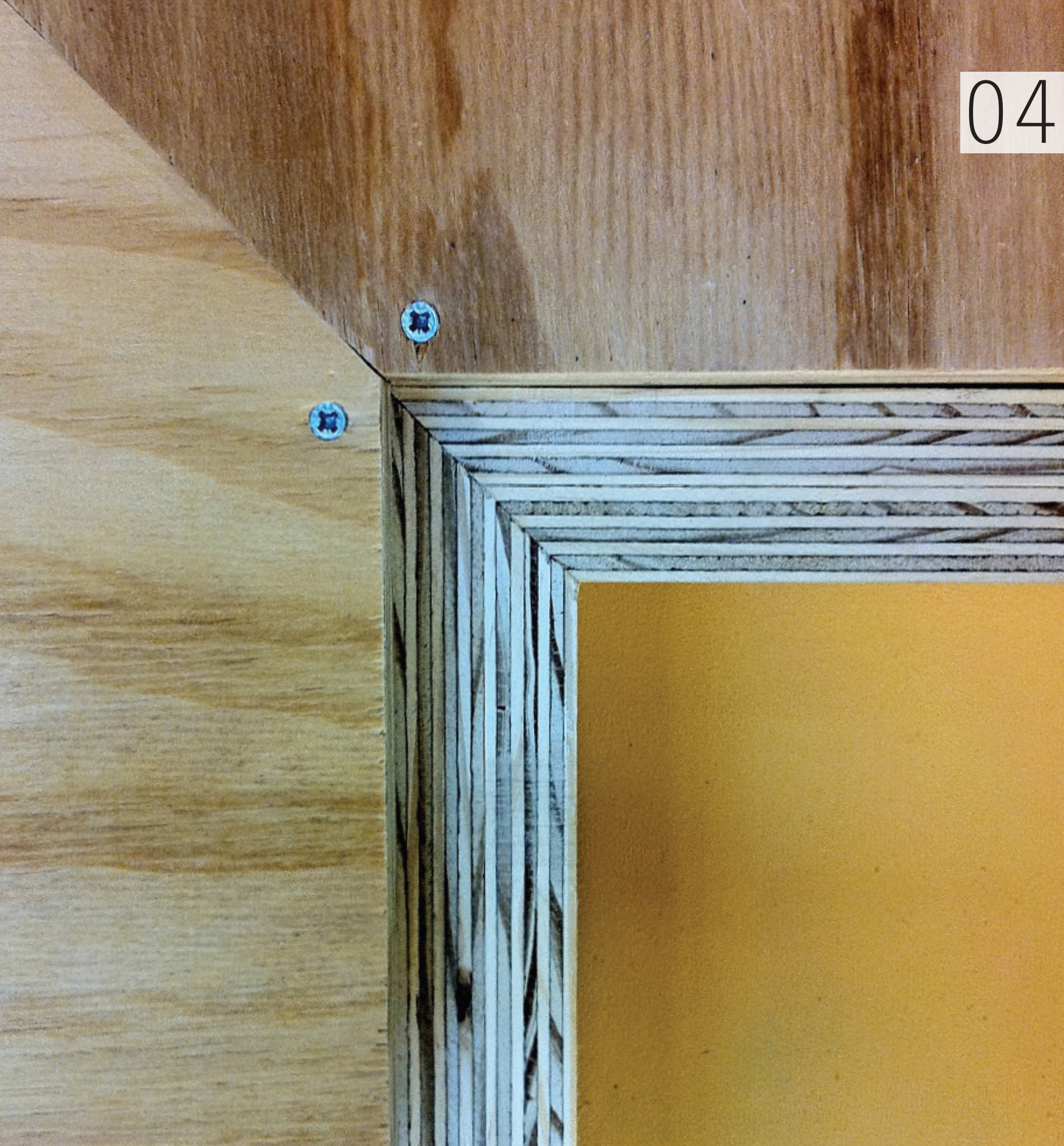
view entrance exhibition space and entrance community centre

1. entrance exhibition space
2. exhibition space
3. facilities
4. wardrobe
5. entrance community centre
6. dressing room
7. spinning area
8. dance lesson area
- 9/10. common fitness area
11. shared office
12. private office



04.

1.1  
Brussels (BE)



# 04.1:1

a 1:1 confrontation with a detail and its properties

## Subject

B-bis 2000 (B-Architects)

## Objective

Scrutinize a detail and research one of its properties

## Location

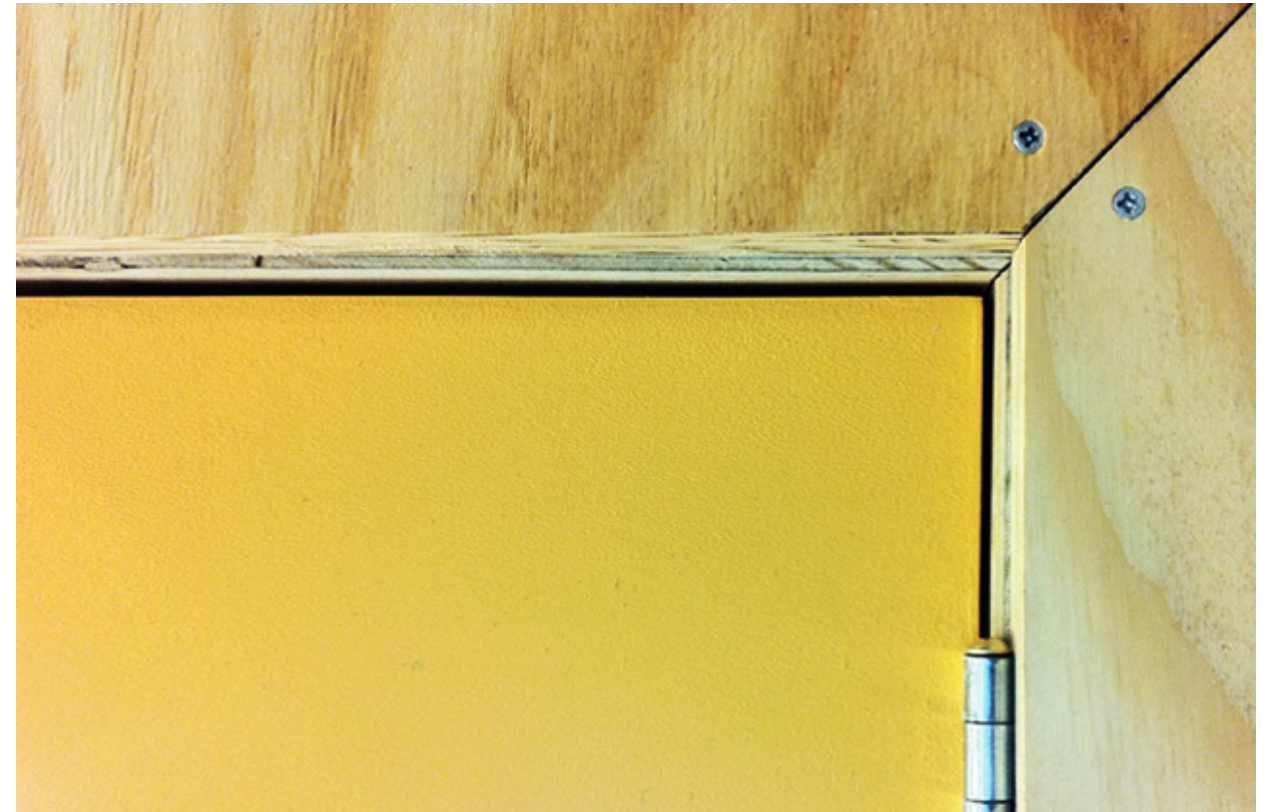
Brussels (BE)

## Year

2011

This detail is made in collaboration with ir. Robben Otten. We've scrutinized the detail from pictures delivered by architecture office B-Architects.

During the construction of the detail it revealed the quality of the woven polypropylene sandbags. Our enthusiasm grew for the specific materials and decided to duplicate the original detail with a 1:1 replica.





05.

Odyssey

Eindhoven University of Technology (NL)

## 05. Odyssey

gems from the TU/e sea

**Subject**  
Odyssey

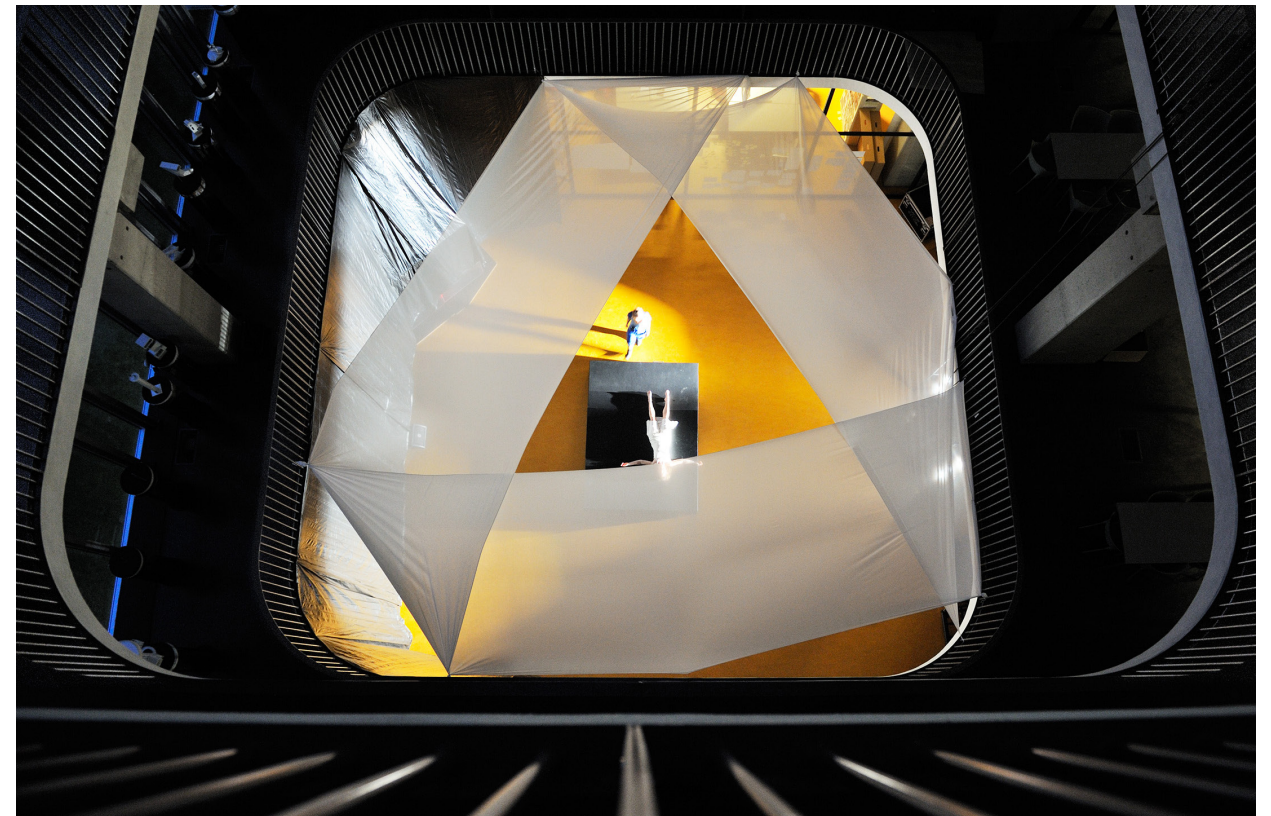
**Objective**  
A route through the campus, with  
the journey of the mythical figure  
Odysseus as a theme

**Location**  
Eindhoven University of Technology  
(NL)

**Year**  
2011

During the course we have got the opportunity participate in a special event that celebrated the 55th anniversary of the Eindhoven University of Technology: the TU Odyssey. It was a route through the campus, with the journey of the mythical figure Odysseus as a theme with special performances and art with a finale in the faculty building of Architecture, Building and Planning, which we were asked to design for.

We transformed two spaces in the faculty building into atmospheres in which Odysseus arrived when he came home from a ten year long journey. This design did not try to recreate a classical palace which he came home to, but a more surrealistic state of mind Odysseus would be into. As he could not believe he was back home again.

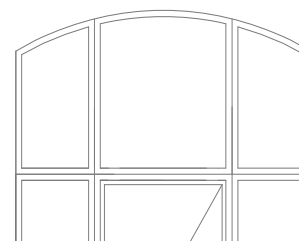
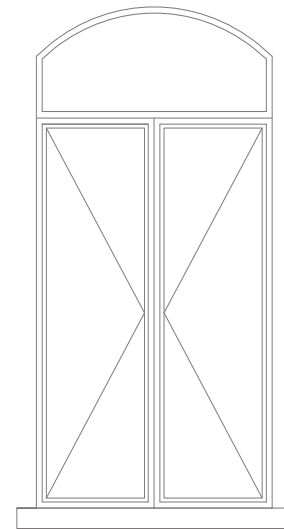




06.

# House Dekoning

Borgerhout (BE)



# 06. House Dekoning

a renovation of house Dekoning

**Subject**  
House extension

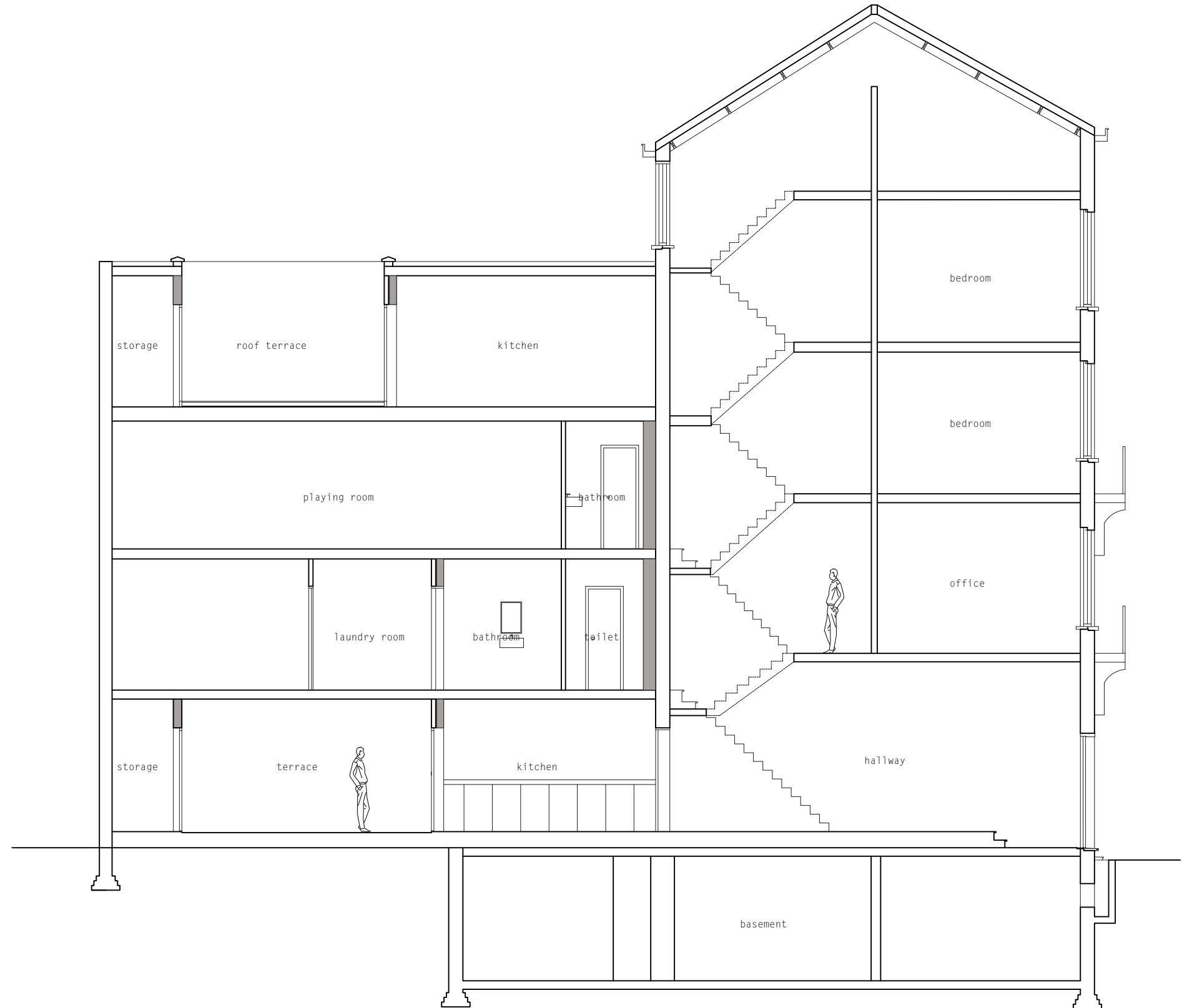
**Objective**  
A design for a house renovation with extension of family Dekoning.

**Location**  
Borgerhout (BE)

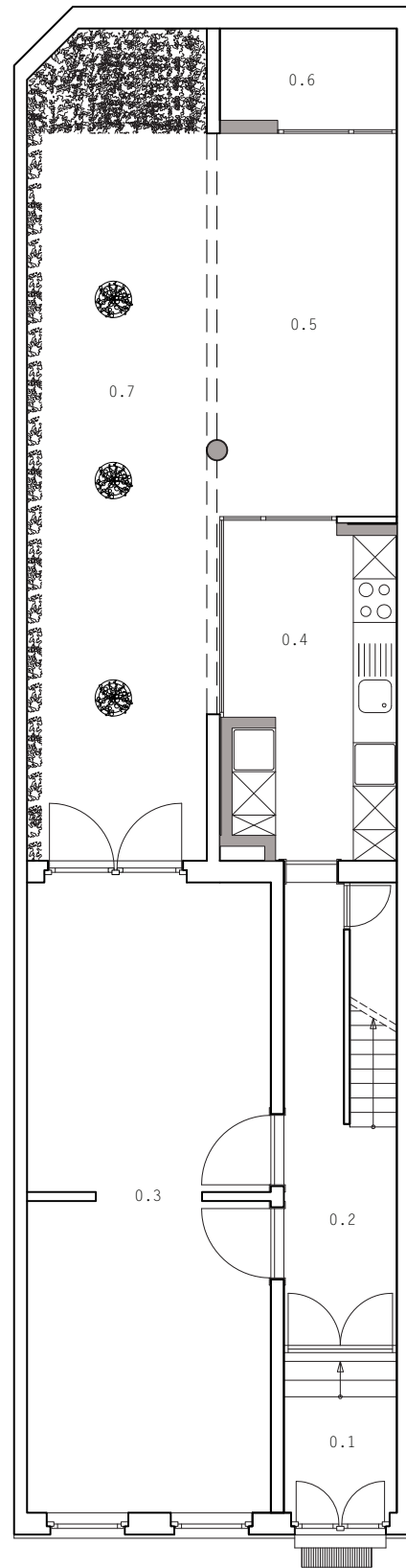
**Year**  
2008

This design is made in collaboration with ir. Bruno Dekoning. The client wanted to renovate its current residential house into a house with more useful space. His wish was to give his teenage children their own living space. We have picked up the client his wish and designed a plan in which we gave them their own kitchen, bathroom and roof terrace.

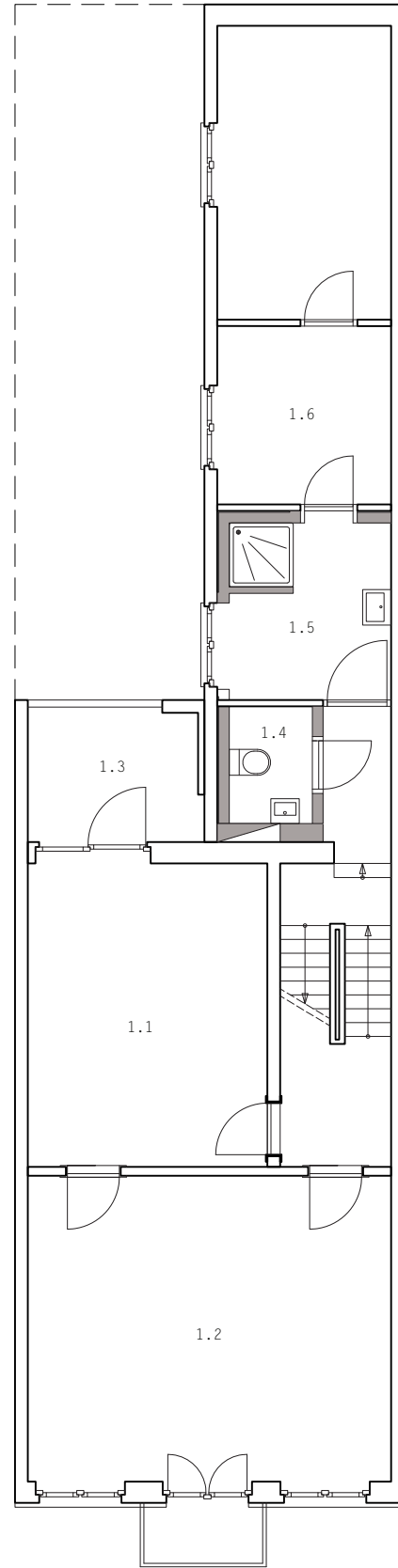
The current window frames were replaced and adjusted to same heights. We created a covered terrace on the ground floor adjacent to the new kitchen. On the first floor we created a bathroom and laundry room. On the second floor we created an additional bathroom and playing room for the children. A additional kitchen and a roof terrace on the last floor creates an outdoor space where they can gasp for fresh air. Eventually, This design allows the children and the parents more independence.



- 0.1 entrance
- 0.2 hallway
- 0.3 living room
- 0.4 kitchen
- 0.5 terrace
- 0.6 storage
- 0.7 garden
- 1.1 bedroom
- 1.2 office
- 1.3 terrace
- 1.4 toilet
- 1.5 bathroom
- 1.6 laundry room

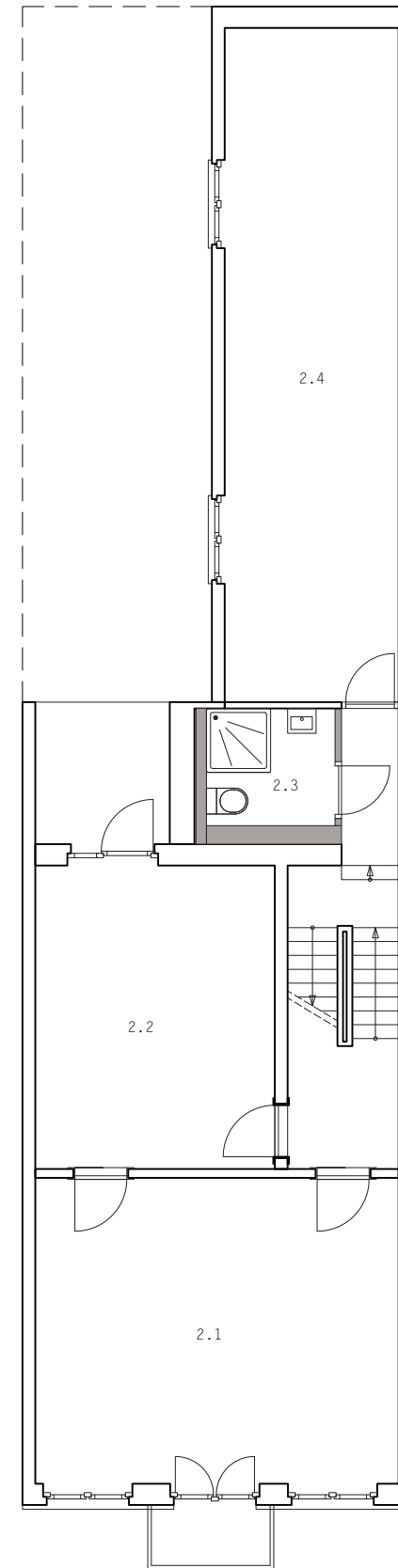


00.

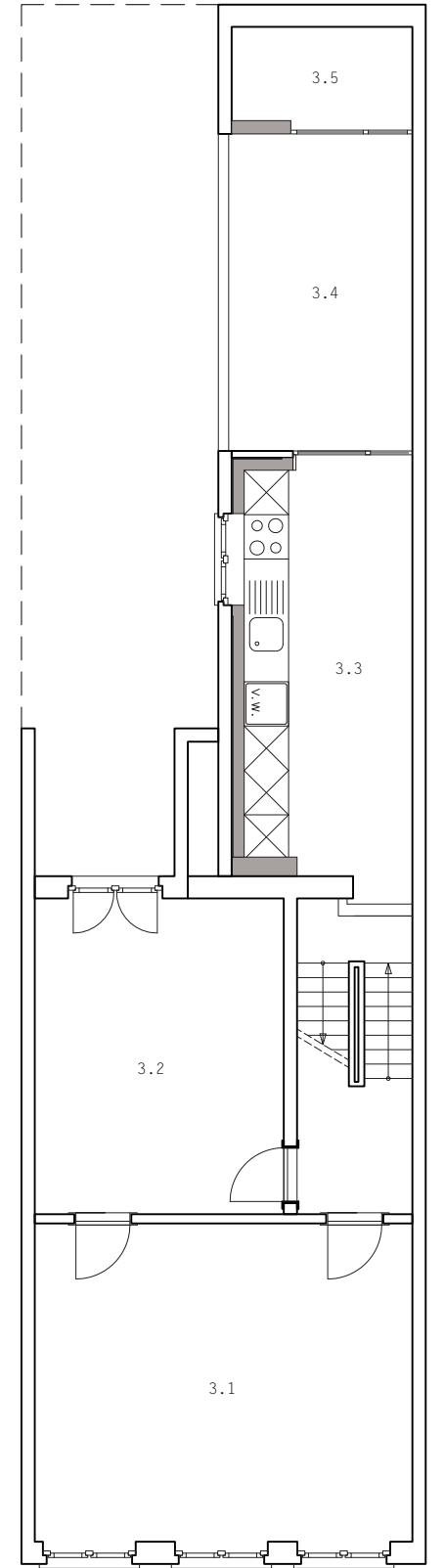


01.

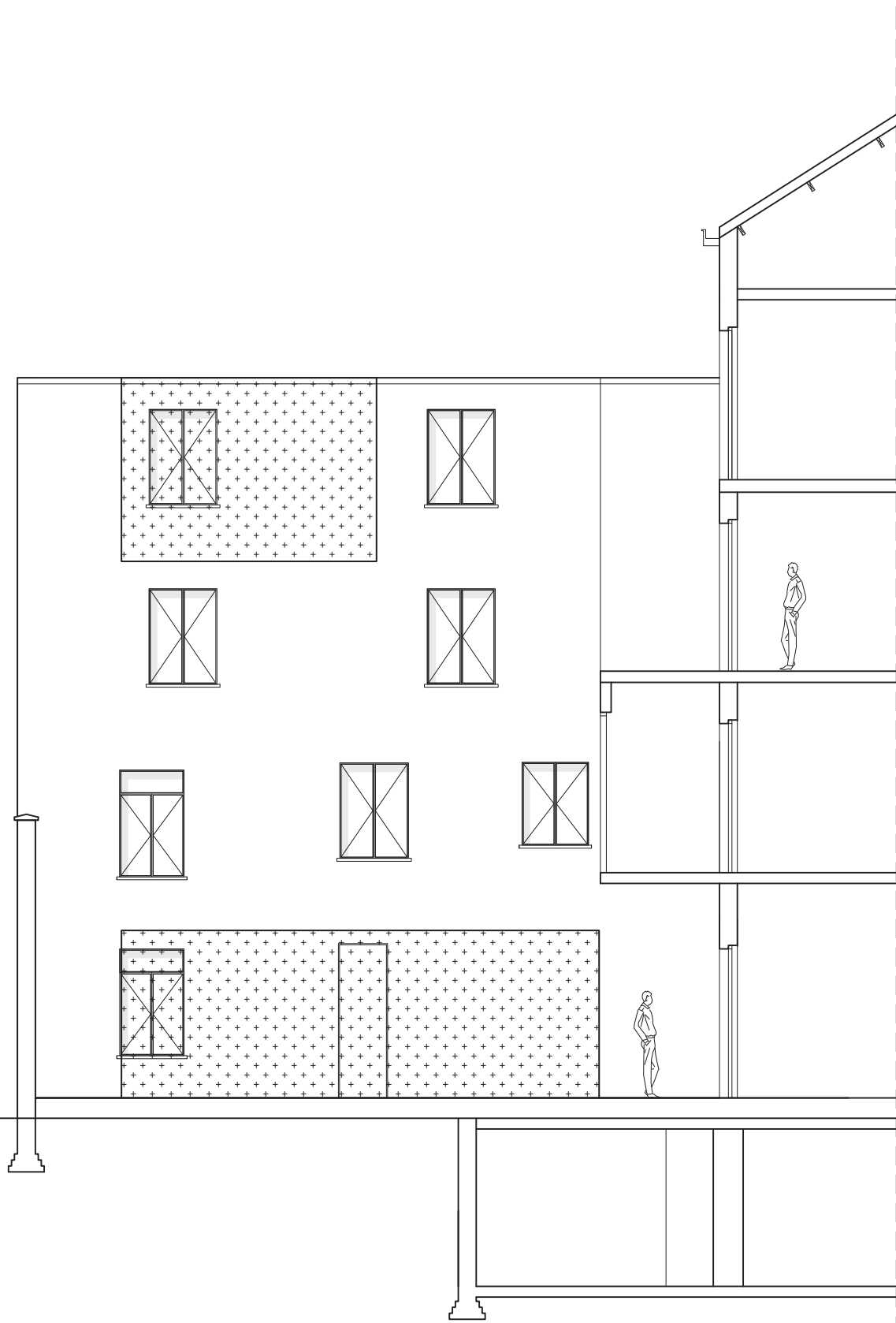
- 2.1 bedroom 1
- 2.2 bedroom 2
- 2.3 bathroom
- 2.4 playing room
- 3.1 bedroom 3
- 3.2 bedroom 4
- 3.3 kitchen
- 3.4 roof terrace
- 3.5 storage



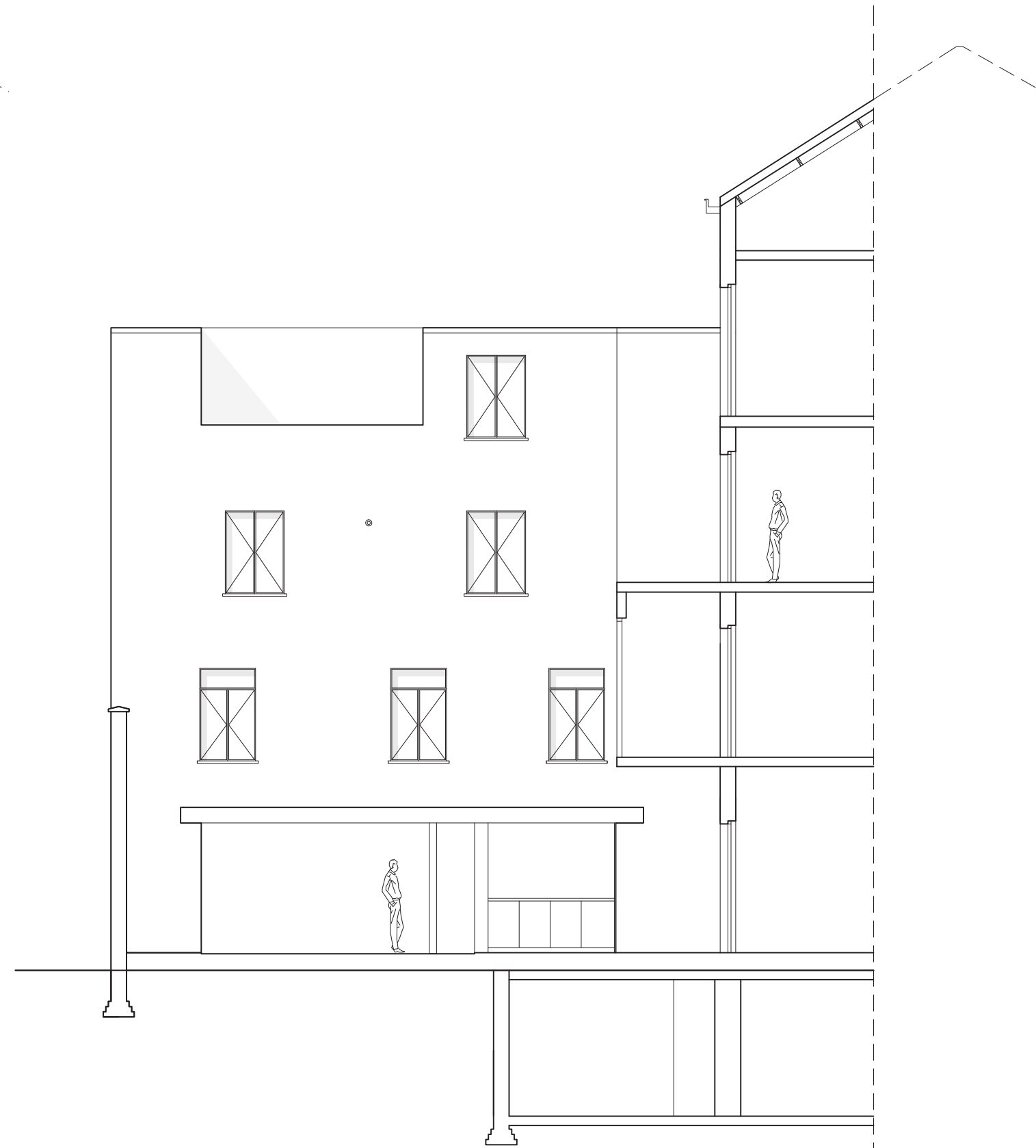
02.



03.



existing section plan



new section plan

07

# Arch. Photography

New York (USA)



# 07. Arch. Photography

Collection of architectural photos

## Subject

Architectural Photography

## Objective

A collection of architectural photos with the urban context as main subject.

## Location

New York (USA)

## Year

2013

The goal of the course was the practical application of still photography to the understanding and presentation of the built environment, from build work to urban context. It emphasized on creative abilities to solve problems while shooting in a vibrant city and understand the fundamentals of the photographic medium, from “what is light?” to “what is a stop?”.





08.

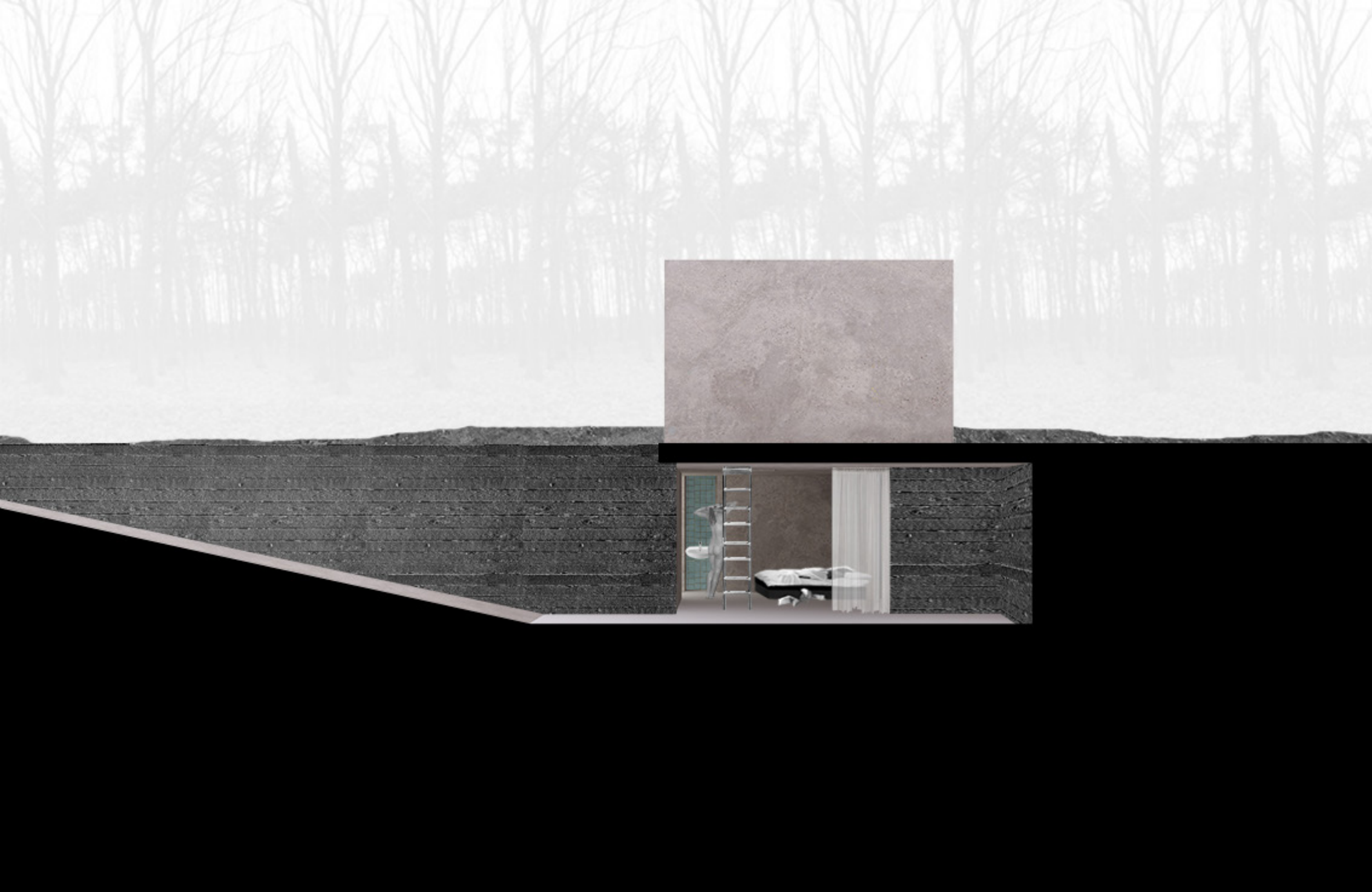
# Fantasy impressions

Reflection of the creative mind









Thank you for your time!

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architect

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