

## **GRADUATION PLAN**

`Het Binnengasthuisterrein`

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March 2015

Studio "Heritage & Architecture MSC 3/4"

Design teacher: Lidy Meijers & Frank Koopman

Research teachers: Sara Stroux & Marie-Therese van Thoor

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## **DATA**

### *Personal Information*

Name	Quirijn Petersen
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### *Studio*

Theme	Heritage & Architecture
Teachers	Lidy Meijers & Frank Koopman
Argumentation of choice	The world has been building for such a long time now that it cannot harm to hold still for a moment to reflect on what we have and what we want. Heritage forms our identity in both tangible as intangible ways. We should try to preserve those things. At the same time we must not forget that we build for the living and that we sometimes must make harsh decisions to keep the built functional. Studying those two sides will make it possible for me to create interventions that make use of the existing, preserve what we have and make it functional for the living.

### *Graduation project*

Titel of the graduation project	Heritage & Design
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## PRODUCT

### *Location*

This design-project focuses on the city center of Amsterdam, both the UNESCO canal ring area as well as the Binnengasthuis area. Both sites are related due to the allocation of the UNESCO nomination of making the canal ring world heritage: the Binnengasthuis area lies in the so called buffer-zone, which has a great influence on the world heritage. For this research the decision is made to concentrate on the Binnengasthuis site.

In the nomination document for UNESCO the area of the Binnengasthuis is described as an enclosed and, for the most part, inward-looking group of buildings and gardens. It has little connection with the surrounding urban area (Nomination Document UNESCO - p.191).

### *Design assignment*

The University of Amsterdam has quite some buildings in the center of Amsterdam scattered at different locations. The plan of the University is to combine functions more on the same locations. The Binnengasthuis area is such a site. Here the UvA already possesses the most of the buildings, although some of these are not in use right now. The plan is to also move the University library to this area and to create a so-called 'open city-campus' for local residents and students alike.

### *The posed problem*

- Local residents are afraid of losing the quite and introverted character of the site by the creation of an open city-campus.
- The public space is poor defined. The site knows quite some corners, directions and different forms. There is no clear function for this space apart from passage through this terrain and as a parking lot for bikes and mopeds.
- The buildings have none or little connection with their surroundings. Part of this is to blame to the poor defined public space, but the buildings themselves know also an introverted character. The ground floors are raised or lowered or defined as less important than higher levels. Moreover the entrances are not accentuated in an obvious way or connected in a logical way to its surroundings.
- The introverted site gets a packet of functions to create an open city-campus, which shows as an extroverted position. Unclear is what this will do with the area.

*Research question*

The site is a lot about the tension between 'inside' and 'outside', and 'introvert' and 'extrovert'. The wish for creating an 'open' city-campus seems to be extroverted in essence. How will this go along with the character of the site?

**What is the value of the introverted at the Binnengasthuis area?**

## PROCESS

### *Method*

- Visiting the site at different moments in the year, making sketches and pictures at the spot and experience how things are and go at the location.
- Discussing several topics related to heritage and interventions with the group.
- Making analysis on three different levels: urban, architectural and material/technique.
- Reading about the location and literature concerning the research question.
- Analysis of the program and reference projects in drawings and models.

### *Literature*

- Architecture: Form, Space & Order - Francis D.K. Ching
- The Concise Townscape - Gordon Cullen
- Constructing Architecture - Andrea Deplazes
- Fundamental Concepts of Architecture: The Vocabulary of Spatial Situations - Alban Janson & Florian Tigges
- Urban Space (Stadtraum) - Rob Krier
- The production of space - Henri Lefebvre
- Tussen Binnen en Buiten - Dirk van den Heuvel  
Oase 55: 73-82
- Waarom is de UvA zo asociaal? - Joost Smiers  
Folia 64, 4: 8.
- Nieuwe bibliotheek hóórt op het BG-terrein - Nol Verhagen  
Folia 64, 4: 9.
- De slag om het Binnengasthuis - Floor Boon & Merel Straathof  
Folia 64, 31: 10-11.
- Het marktplein van de UvA - Katja Kreukels  
Folia 63, 1: 20-21
- De campusplannen van de UvA en de binnenstad - Hendrik Battjes & Léon Deben
- Visie op de binnenstadcampus - UvA

### *Preferences*

This project has the length of almost one entire year, which is quite a long time to over see. A good planning is therefore essential, but an efficient way of work as well. The most important is of course the forming of a strong concept. In former design processes it has been made clear that it will be better not to start too soon with placing volume and program, but to have the peace to really investigate of what needs to be done. It proved to will make the process a lot more efficient later on.

The methods to design that will be used are making analysis, looking for reference projects, make hand-sketches and model in 3D with both physical materials as well as with the computer. The creating itself with the own hands will be the most important to get familiarized of the subject and different elements. Complications or possible solutions will have the change this way to popup. Although this can be time consuming, it can be used later on in pictures and computer alterations as well. Another important point is the making of cross sections. Most of the time these drawing give insight in the connection and meeting of construction and architectural routing and concept.

From the start everything needs to be well documented. If this will be done, not only can made designs be easily be found, but the process can be evaluated in the end as well.

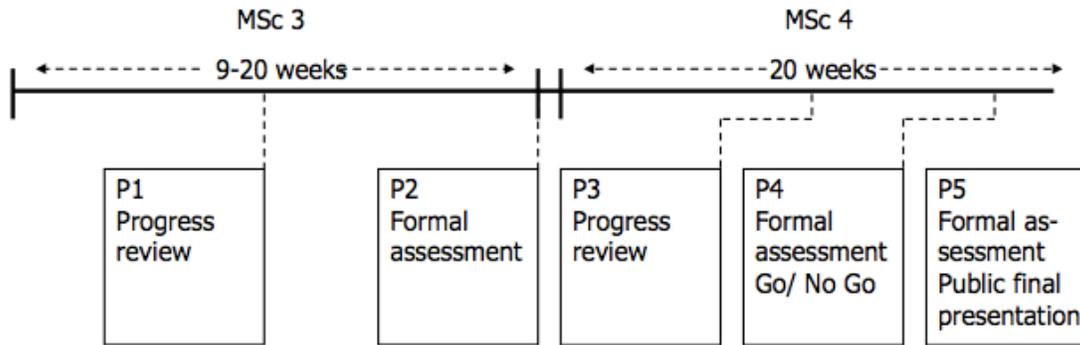
### *Deadlines*

- P1 9 Apr - 14 Apr 2015
- P2 18 Jun - 23 Jun 2015
- P3 tba
- P4 tba
- P5 tba

### *Relevance*

An earlier design proposal for the housing of a library at the Binnengasthuis area has already been rejected. People living in and around the site did not agree with the plans to demolish the characteristic building located here. Apparently the buildings have some kind of value for the citizens, although it has no function now. The atmosphere of the area has probably to do with this to. With the studio Heritage & Design a researched should be done how a function as a library can be placed inside this area with at the same time not damaging the present characteristic of the site. Enforcing the character of the site and making it the central point will turn this image as a strong point. We should not, however, forget that it will have to function as well. The conflict exists in the demand of creating a 'open' city-campus; dis does not go along with the wish for a 'closed' character. The question is if these two can collide.

## PLANNING



### **P1** Project hypothesis, approach and site analysis

- Draft graduation plan, based on template
- Thematic research
- Site analyses
- Situational research

### **P2** Diagnosis and concept design

- Graduation plan based on template (see appendix 2)
- Urban draft / master plan 1:1000 / 1:500
- Program / list of requirement
- Draft design (plans, sections, elevations) 1:200

### **P3** Elaborated design

- Plans, facades, crosscuts, 1:200 / 1:100
- Part of the building, plan and crosscut 1:50
- Façade fragment with hor. and vert. crosscut 1: 20
- Details 1:5

### **P4** Final design

- Theoretic and thematic support of research and design + reflection on architectonic and social relevance (see appendix 3)
- Site 1:5000 / 1:1000
- Plan ground level 1:500
- Plans elevations, sections 1:200 / 1:100
- Part of the building, plan and drawings 1:50
- Façade fragment with hor. and vert. crosscut 1: 20
- Details 1:5
- Reflection based on template (see appendix 3)

### **P5** Public presentation

- Final integral report
- Public presentation results