A collective Binnengasthuis area

P5 presentation C.A. Nykamp
1.0 INTRODUCTION & LOCATION

2.0 PROBLEMSTATEMENT

3.0 RESEARCH & DESIGN

4.0 CONCLUSION & RELFECTION
1.0 INTRODUCTION & LOCATION
HERITAGE & ARCHITECTURE

Studio:
Heritage & Cultural Value
Heritage & Housing
Heritage & Technology

Theme:
19 century institutional architecture
80’s architecture
Renovated re-used and transformed buildings
Urban situation op the Binnengasthuis area
1.0 INTRODUCTION

Location

Southern part of the historical city center
1.0 INTRODUCTION

Location

In the heart of the city
1.0 INTRODUCTION

Location

Historical part of the city center

- 1500: monastery
- 1900: hospital
- NOW: university
Location

Today city campus of the University of Amsterdam
2.0 PROBLEM STATEMENT
‘The complex of buildings is of general interest, because of the cultural-historical and medical-historical value towards the development of expansion and modernization of old hospital buildings at the end of the 19th century. (...) The complex also represents the urban value of the occlusion of the Old Side.’

1 Rijksdienst voor Cultureel erfgoed, 2015
2.0 PROBLEMSTATEMENT

Vision of the University of Amsterdam

2.

+ Open City Campus

+ Relation with art and cultural activities in the center

+ Central meeting place
Visitors perception of the area

+ Mix of styles
+ Incoherent Architecture
+ No sense of a collective of buildings
+ Going-through zone
+ No functioning center of the area
+ Undefined open space
The Binnengasthuis area

1. Unique collective of buildings
2. Vision of an open and lively city campus
3. Abandoned and incoherent area, but with great potential

CREATE A LIVELY AND ACCESSIBLE AREA
&
BRING BACK THE COLLECTIVE IDENTITY OF THE BINNENGASTHUIS AREA
3.0 DESIGN
collective architectural aspects within the area

urban scale

scale of the collective domain

building scale

monastery

hospital

university
3.0 DESIGN

Site specific
Research

Starting points
based on research

recommendations based on research

give the area an entrance

give the area an entrance

connect the monumental buildings visually

open up the area to the public

create a shared function for the entire area
3.0 DESIGN

Concept of the area

Current situation
3.0 DESIGN

Concept of the area

Proposed situation:
+ New center of the area
+ Accessible from all sides
+ Administration building gets a shared function
+ Square creates visual connection between monumental buildings
3.0 DESIGN

The administration building as the kickstarter of the area

+ Public function in the plinth
+ Housing on the upper levels
3.0 DESIGN

North facade
+ Van der Mey 1914
+ Compromis between the Canal houses and the monumental Architecture
+ Front facade Amsterdamse School style
+ brickwork, wooden window frames

waardestellingen van het gebouw
3.0 DESIGN

North facade

Minimal intervention

+ enhance the vertical lines

+ enhance the order of the facade

+ enlarge the bridge
3.0 DESIGN

South facade
+ Van der Mey 1921
+ Back facade modern functional Architecture
+ Demolished in 1991, less heavy replacement
+ New attachment for the Administration building by Theo Bosch
+ concrete, glass, aluminium window frames
+ round shape enhances routing
+ glass seeks for transparency
3.0 DESIGN

Design Approach

South facade:

+ Remove upper part attachment
+ remain the bicycle storage and plinth
+ new south facade for the administration building
3.0 DESIGN

Masterplan

+ Widened bridge makes the area more accessible

+ Creates a square in front of the administration building

+ Round shape creates a sitting element on the square and forms the center of the area.

+ Entrances of faculty buildings face the square

+ Social housing buildings gets its own zone on the square.
3.0 DESIGN

Masterplan

+ Visual connection between the second surgical clinic and the new library
+ The sitting element and bicycle storage forms the center of the square

Vertical section

Horizontal section
3.0 DESIGN

North facade
3.0 DESIGN

North Facade

+ Robust facade
+ Only necessary interventions
3.0 DESIGN

North Facade

+ New entry for restaurant
+ Slim window frames
3.0 DESIGN

North Facade

+ New entry
+ Slim window frames
3.0 DESIGN

North facade

+ Slim window frames
+ New pattern
3.0 Design

South facade
3.0 DESIGN

South facade

Intervention technique
3.0 DESIGN

South facade

Existing situation
3.0 DESIGN

South facade

New situation
3.0 DESIGN

South facade

New situation
3.0 DESIGN

South facade

+ Windows over horizontally
3.0 DESIGN

Ground floor
Restaurant

+ Foodstands

+ Mensa during day time

+ restaurant & bar in the evening
3.0 DESIGN

Ground floor
Restaurant

+ Foodstands
+ Mensa during day time
+ restaurant & bar in the evening
3.0 DESIGN

Ground floor
Restaurant

Detail lowered ceiling
3.0 DESIGN

Organization of the building

+ Collective housing

+ Different levels of sharing

- 9 - 12 m$^2$ yours
- 25 - 30 m$^2$ yours
- 50 + m$^2$ yours

shared with 7 others
shared with 4 others
shared with others
3.0 DESIGN

1st floor

+ 8 rooms
+ shared bathroom, kitchen and common space
+ laundry room
+ south oriented balcony
3.0 DESIGN

1st floor

Loggia
3.0 DESIGN

1st floor

Common space
3.0 DESIGN

1st floor

Detail window
3.0 DESIGN

1st floor

Bedroom

+ 12 m²

+ shared bedroom with 2

+ mezzanine with bed and closet
3.0 DESIGN

1st floor

Detail window
3.0 DESIGN

2st floor

+ 5 rooms
+ private bathroom and small kitchen
+ shared large kitchen and common space
+ laundry room
+ south oriented balcony
3.0 DESIGN

2nd floor

Bedroom
+ 25 m²
+ small studio
+ guest professors and lecturers
3.0 DESIGN

3rd floor

+ 2 apartments
+ private 2 bedroom apartment
+ shared south oriented balcony
4.0 REFLECTION
4.0 REFLECTION

+ Multifunctional sitting element incl. bicycle storage
+ Restaurant of for 56 people
+ 3 types of housing
+ shared housing for 13 people and two apartments
4.0 REFLECTION

+ Modern interpretation of collectivity
+ Example of how an intervention can change an entire area
+ Attract large monumental buildings with its surrounding and don’t let them estrange

3. Abandoned and incoherent area, but with great potential

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