Heritage & Architecture
Binnengasthuis, Amsterdam

The search for conjoining campus and city

Maarten J. den Hertog
1502778
MSc4
September 2015
Introduction
INTRODUCTION

Era of the nunneries (until 1578)

Source:beeldbank.amsterdam.nl
Introduction

Era of the Binnengasthuis (1578 - 1820)

Source: beeldbank.amsterdam.nl
Era of the Binnengasthuis Hospital (1820 - 1982)
Introduction

Era of the Binnengasthuis Campus (2015 - ...)

[Images of cityscape and buildings]
INTRODUCTION
Problem statement
Creating an integrated university campus in the city Amsterdam, for student and urban dweller to use the same space and functions.
Which function(s) can contribute to the integration of the campus Binnengasthuis and the city of Amsterdam?
Nunnery until 1578

1578 - 1820

1820 - 1982

1982 - 2015

- Dwelling
- Defence wall
- Private functions
- Hospital / Health care function
- University
- University, student function
- University, special function
- Student dwelling
- Theater
Public character on the Binnengasthuis

Urban analyses

1578 - 1820

1820 - 1982

1982 - 2015

until 1578
Accessibility on the Binnengasthuis

**Urban Analyses**

- **Main infrastructure**
- **Secondary infrastructure (pedestrians)**
- **Secondary infrastructure (cyclists)**

1578 - 1820

- **1582 - 2015**

1820 - 1982

- **Until 1578**
Study centre - combining faculty lecture halls - accommodating 4000 students

Library - combining 14 UvA libraries - accommodating 3000 students

Student Facilities
- Restaurant
- Student affairs
- Student associations

Staff Facilities - accommodating 800 academic staff
Study centre - combining faculty lecture halls - accommodating 4000 students

Library - combining 14 UvA libraries - accommodating 3000 students

Student Facilities - Restaurant - Student affairs - Student associations

Staff Facilities - accommodating 800 academic staff
Current situation

Strengths

Weaknesses

Opportunities

Threats
URBAN ANALYSES

Study centre - combining faculty lecture halls - accommodating 4000 students

Library - combining 14 UvA libraries - accommodating 3000 students

Student Facilities - Restaurant - Student affairs - Student associations

Staff Facilities - accommodating 800 academic staff

Urban analyses
URBAN CONCEPT
URBAN DESIGN
Functions on the Binnengasthuis

- Nunnery
- Dwelling
- Defence wall
- Private functions
- Hospital / Health care function
- University
- University, student function
- University, special function
- Student dwelling
- Theater

2015 - ...
1820 - 1982
1578 - 1820
until 1578
Urban Design

Public character on the Binnengasthuis

2015 - ...

1982 - 2015

1820 - 1982

1578 - 1982

until 1578

Legend:
- Public
- Semi-public
- Private
Urban Design
Ensemble on the Binnengasthuis

- Until 1578
- 1578 - 1820
- 1820 - 1982
- 1982 - 2015
- 2015 - ...

Ensemble boundary
Building Design

Design principles
Building Design

Architectural style
Building Design

Visualisation of Campus park
RESEARCH
Library research
Central Space
(open, free for movement)

Frame
(space to sit, meet, hangout)
Research Interaction

Central Space (open, free for movement)

Passive Engagement

Active & Passive Engagement

Active Engagement

Frame (space to sit, meet, hangout)

No Engagement

Childs, 2004

Carmona, 2012
Visualisation of entrance from staircase.
Visualisation of Library wing
2e Chirurgische Kliniek construction
Building Design

Visualisation of Research wing
Building Design

Visualisation of Entrance Nieuwe Doelenstraat