The university library

Inspiring atmospheres

Urban culture and new openness  Interior graduation studio
Elwin van Heyningen  #1361260
Tutors: Jurjen Zeinstra, Mark Pimlott & Engbert van der Zaag
P5 presentation 6 July 2012
'Architecture, after all, is made for our use. I think architecture attains its highest quality as an applied art. Every building is built for a **specific use** in a **specific place** and for a **specific society**. My buildings try to answer the questions that emerge from these simple facts as **precisely and critically** as they can.'  

(Zumthor, Atmospheres, 2006)
The design assignment contained of designing an university library at the Sarphatistraat in Amsterdam for the students of the University of Amsterdam.
What is a university library?  How will the university library be used in the future?  How do students of the UvA study?  Do they still make use of books?  What is the history of the Roeterseiland campus?  What is the relationship between the campus and the Sarphatistraat?  What is the history of the Sarphatistraat?  What is the impact of a new academic building in the Sarphatistraat?  What is the meaning of a new university library for the nearby Roeterseiland campus of the University of Amsterdam?  What are the qualities of the building site?
The role of the library is changing from a building for books to a building for people.
The university library

Atmosphere

- public space but quiet
- norm to be alone
- place associated only with studying
- feeling of collectiveness

The very specific atmosphere of the library makes it a popular place.
Studying in groups

Studying and discussing together is becoming more important.
Each student favours a different study space.
Roeterseilandcampus UVA
Row houses and military buildings
Location
Sarphatistraat and Singel
The new university library
Relation campus
Location

Green zone along the Singel
Communal study space
Section

Relationship spaces in the garden
Section
Cantilevers
Overview

Construction
Construction

Cantilever in two directions
Expansion joints
Level 1

Pattern concrete ceiling
Section

Construction bay window Sarphatistraat
Garden extended to the upper levels
Depths of the facade
Study space along the facade
Study space along the facade
Level 1
Orientation garden spaces
Section
Roofterrace
Double height spaces
Ventilation ducts
Section

Fresh air
Cooling and heating
Facade
Horizontal bands of masonry
Prefab element of masonry
Corner detail prefab elements
Facade

Pattern of prefab elements
Facade

Relationship military buildings
Facade

Classical composition
Facade

Rhythm of Mullions
Plan

Flexible spaces along the facade
Ventilation opening in wide mullion
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