THE COLLEGE AS AN ENDURING Academic Environment ON Frederiksplein, Amsterdam BY JORNE VAN DER VOORN

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ARCHITECTURE GRADUATION STUDIO 2012-2013 INTERIORS, BUILDINGS AND CITIES
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Assignment:

Designing a new university library for the city of Amsterdam

One/problem statement
One/Problem statement

Assignment: designing a new university library for the city of Amsterdam

Research question:

What is the viability of the college model in modern society?
One problem statement

Assignment:

designing a new university library for the city of Amsterdam

Research question:

what is the viability of the college model in modern society?

Problem statement:

what would the product be of reviving the college as an exceptional and enduring academic environment?
one/history of library typology

temple of knowledge
Oxford University in Oxford, United Kingdom, 1885
one/the college
Palazzo Ducale in Urbino, Italy, 1450
Palazzo Ducale in Urbino, Italy, 1450
Why Palazzo Ducale:

1. Engagement city "gives space"

2. Monumental figure

How does it work in the city?

> Elaborate on plan of Oxford

> Inner connections

> Succession of rooms

> Extrovert, hierarchical
Oxford model

Urbino model

College cluster organization
Court typologies in Amsterdam, 1870
Oudemanhuispoort in Amsterdam, 1870

one/university in the city
one/university in the city

location new Library
access by foot or bike
Frederiksplein, present day
monumentality along Singelgracht and Amstel
Transformation Frederikspoor 1650-1930

Paleis voor Volksvlijt, 1892
Paleis voor Volksvlijt, 1928
Frederiksplein-Westeinde, 2010
two/principles of design

island in city
two/principles of design

monumental interior
two/principles of design
two/principles of design

college model on site
two principles of design
two/principles of design

cutting out voids
two/principles of design
Two principles of design

urban setting
two/principles of design

main entrance
two/principles of design

secondary entrances
succession of courts

two/principles of design
two/urban setting

corner Frederiksplein-Westeinde
two/urban setting

corner Westeinde - Singelgracht
two/collection of houses

isometric section
two/collection of houses

1. het Chada Archief
2. het Jacobs Huis
3. het Pon Huis
4. het Goldschmeding Huis
5. het Homburg Auditorium
6. het Pauwels Huis
7. de Outshoorn Bibliotheek
two/collection of houses

ground floor  

first, second and third floor
two/collection of houses

ground floor

first, second and third floor
two / collection of houses

1. het Chada Archief
two/collection of houses

ground floor

first, second and third floor

2. het Jacobs Huis
two/collection of houses

ground floor

first, second and third floor
two/collection of houses
two/collection of houses

ground floor

first, second and third floor

4. het Goldschmeding Huis
two/collection of houses

ground floor

first, second and third floor

3. het Pon Huis
two/collection of houses
two/collection of houses
two/collection of houses

4. het Goldschmeding Huis
two/collection of houses

ground floor

first and second floor

5. het Homburg Auditorium
two/collection of houses

5. het Homburg Auditorium
two/collection of houses

6. het Pauwels Huis
two/collection of houses

ground floor

first, second and third floor

6. het Pauwels Huis
two/collection of houses

7. de Oudshoorn Bibliotheek
collections of houses

ground floor

first, second and third floor

7. de Oudshoorn Bibliotheek
two/collection of houses

7. de Oudshoorn Bibliotheek
two / collection of houses
three/structuring the environment

aerial photo maquette (on black ground, full screen)
three/structuring the environment

- site
- structure
- skin
- services (floors, stairs, installations)
- stuff (furniture etc.)

aerial photo
maquette (on black ground, full screen)
three/structuring the environment

primary concrete structure
three/structuring the environment

secondary concrete layer
three/facade principles

Villa Adriana in Tivoli, built in AD 134
three/facade principles
7. de Oudshoorn Bibliotheek
three/recap

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three/recap