P4 Presentation

TU Delft University Archive
Research and Design
An university archive in the city center

**Program**
The university - An archive of TU Delft collections
The city - An urban for citizens and students

**Space**
Site
Precedent - Teylers Museum
Sequence of rooms

**Construction and Material**
Structure
Facade
Program

The university - An archive of TU Delft collections

The city - An urban institution for citizens and students
Program - An archive for TU Delft collections

Space: Basement of TU Delft Library
Collections: The Sluyterman Collection
            Calculation Tools Collection
            Rally Peters Collection
            Chair Collection
            The University History Collection
TU Delft university archive
A place with strong order and high object density
Program - An archive for TU Delft collections

Basement of TU Delft Library
Unreachable university archive

Museum aan de Stroom, Antwerpen
Archive as a viewing depot open to the public
The archive for TU Delft collections

An *viewing depot* with strong order and high object density
Program - An archive for TU Delft collections

University history collections

Archive representing the past

Students' work collection

Archive representing the present and future

ARCHIVE
Program - An archive for TU Delft collections

The archive for TU Delft collections
An viewing depot for TU Delft history collections and students' work collections
Program

The university - An archive of TU Delft collections

The city - An urban institution for citizens and students
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Program - An urban institution for citizens and students

Institution for residents

Case study - Het Nieuwe Instituut, Rotterdam
programs:
collection archive, library, archives, study hall, exhibition, auditorium, workshop, cafe
Program - An urban institution for citizens and students

Institution for students

Advanced Prototyping
A minor course based on Chair collections
chair selection- archive
literature research - library
model research - model hall/workshop
result exhibition - exhibition hall
Program - An urban institution for citizens and students

An urban institution for citizens and students
A cluster of archive and collection related programs which can be used synthetically or separately
Space

Site

Precedent - Teylers Museum

Sequence of rooms
Space - the Site
Site problem: 1. How the project reorganizes the urban fabric and outdoor spaces
2. How the project faces and connects itself to the city and the canals through the two openings
Space

Site

Precedent - Teylers Museum

Sequence of rooms
Space - Precedent Teylers Museum

1. the systemic organized room sequence
2. the integration of the building into urban fabric
Teylers Museum

1. the systemic organized room sequence
2. the integration of the building into urban fabric
Space

Site

Precedent - Teylers Museum

Sequence of rooms
Space - Sequence of Rooms

Rooms for archive and related programs

- Exhibition
- Reception
- Workshop
- Library
- Cafe
- Archive
Exterior: reorganize the outdoor spaces into gardens and courtyards
Interior: a room sequence connects itself to the canals, creating a public interior passage in the city Delft.
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Space - Sequence of Rooms

Scale and height of each rooms
Space - Sequence of Rooms
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Space - Sequence of Rooms
Construction and Material

Structure

Facade
Two structure systems: steel and concrete
Construction - Structure

Border structure: concrete walls 800mm
Inner structure: steel columns and beams 100mm*300mm
Construction - structure

Archive
Construction - structure
Construction - structure

Exhibition
Construction - structure

Library
Construction - structure

a collection of rooms, a collection of space layouts
Construction - structure
Construction and Material

Structure

Facade
Two layers: Rough concrete layer and opening layer
Construction - facade

Rough concrete layer
Archive - strangeness from the environment
Opening layer

Construction - facade
Construction - facade

Urban institution - transparency for the city
Construction - facade
Construction - facade
An university archive in the city center

Program
The university - An archive of TU Delft collections
The city - An urban for citizens and students

Space
Site
Precedent - Teylers Museum
Sequence of rooms

Construction and Material
Structure
Facade
Thank you!