Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences
Graduation Plan

Personal information

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Studio

Name / Theme
Heritage and Architecture / Future of Structuralism

Teachers / tutors
Lidy Meijers (Architecture)
Frank Koopman (Building Technology)
Ivan Nevzgodin (Cultural Value)

Argumentation of choice of the studio
During the development of my vision and position in architecture I always had a interest for dealing with the existing. The search for the balance between conservation of the value of the existing and improve the use of the building. Where you have to research the underlying vision and concept of the original design and strengthen them or where necessary modify them to finally get the optimal use of building. Because that is ultimately the purpose of architecture.

Graduation project

Title of the graduation project
The new art & dance academy of Apeldoorn. Re-interpretation of Centraal Beheer Office to a creative city for students and the inhabitants of Apeldoorn.

Goal

Location:
Prins Willem Alexanderlaan 651, 7311 NB Apeldoorn.

The posed problem:
After the move of the company “Central Beheer achmea” out of the building in 2013 the building is empty and became a ruin in the center of Apeldoorn. Now the question is what to do with the building and is it facing a decision to be demolished or to be reused. Because of the value of the building to be an icon to the movement structuralism the building has to stay and so does the government of Apeldoorn thinks, they appointed it to a municipal monument. But in spite of this they still did not find a solution and that is why it is important to find a inventive solution for this building.
The main problems that the building is facing which need to be solve to make the new function work are: 1. The building is completely isolated of the surrounding by on two sides a busy street, on the other side a railway and on the last side is blocked by buildings. 2. Also the building does not has any identification marks inside of the building because of the repetition of similar units with a raw finish. This results in a disoriented building.

Research questions

The overall design question is how you can transform the open structure of Centraal Beheer to an art and dance academy without destroy the whole concept of the building?

The goal of my design is to connect the building with the city center and create a better orientation within the building to add hierarchy in the building so the building can be used properly. I do this by using distinction in light and spatiality. Before I start my research I first have to answer the question: Where did the strict equality in structuralism came from?

The main research question I want to answer in my graduation project is:
How can you create hierarchy in a structuralist building without affect the value and the structural appearance of the building?

Design assignment

The assignment is to create a redesign for the building of Centraal Beheer an its context by applying a new suitable program for the building.

Process

Method description

In the first few weeks we analyzed and visit iconic structuralist buildings in order to get a idea of what these movement content and what the idea and history behide it is. I have analyzed the building Vredenburg of Herman Hertzberger.

After choosing Centraal Beheer as redevelop project for the studio, we analyzed the building in a group of five where we especially looked at the rule (the perfect unit) and the exception. These results in a P1 analyses report where all the three subjects (architecture, building technology and culture value) are implemented. Out of these analyzed we individually made our own conclusions which results in starting points for the design.

In order to understand the requirements of a art and dance academy and to understand how spaces are used within my target group I visit a lot of different art academies to create a reference framework.
During my design process I mainly did research based designing where I used models and sketches to visualize my thoughts but also to experiment and design. In the first weeks of the primarily design I was playing with mass models and after choosing a solution for my dance hall I tested it in a interior model to get a spatial idea of the space underneath.

**Literature and general practical preference**


**Reference projects**

**Already visit**
- Visit to sector Dance & music.
- Gerrit Rietveld academy, Gerrit Th. Rietveld (1966), Amsterdam.
- ArtEZ hogeschool for the arts (Fac. Dance and theatre), BiermanHenketarchitecten (2004), Arnhem.
- ArtEZ hogeschool for the arts, Gerrit Rietveld (1963), Arnhem.

**Want to visit**
- Academy for theatre and dance: AHK, Amsterdam.
- Graduation exposition of ArtEZ Arnhem and Fontys Tilburg.

**Reflection**

**Relevance**

In addition to the fact that since the crisis the re-use of existing buildings only became a larger part of the architecture of the Netherlands. Is that after the big cutback on the sector culture in 2010, one million became available for this sector which also gives more certainty for creative students to start a career within this line of business.

However if you look at the art academies in the Netherlands Apeldoorn is one of the only bigger cities in the country that has not jet have a academy. The nearest art academy are Zwolle and Arnhem, and the randstad is filled with it.
Time planning

For the planning see appendix 1: