Project Description

Loes ten Voorde
**Personal Information**

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**Studio**

Theme: Architecture Interiors  
Teachers: Mechthild Stuhlmacher  
Eireen Schreurs  
Location: Baan, Rotterdam  
Argumentation of choice of studio: Within the studio of interiors – care for cure, the assignment is to design a care facility from the viewpoint of the user. The site and the type of care facility are of your own choice, which gives a chance to partially design your own graduation assignment. The user focused studio, with a in depth research from the users perspective is a base for the design. This makes it a more interesting and realistic assignment in my eyes.

Theme: Care for Cure

**Title**

Rehabilitation Rotterdam - lines of sight | signs of light

**Problem statement**

The assignment to design a care facility within the city center of Rotterdam, proposes statements about care within the city. The rehabilitation process happens in a vulnerable state for patients, but in the same time the connection with society needs to stay intact or needs to be restored. What is the need for privacy during the rehabilitation process and how can the architecture anticipate on this need. The goal of rehabilitation, is to live as independent as possible with the disability.

**Goal**

The urban position of the location de Baan in Rotterdam, can be used for the connection between the patients and society. The goal for the graduation project is to make the rehabilitation clinic part of the treatment; physically, mentally and socially. It is important to include the most important motivation factor of rehabilitation, seeing others and their process. This importance of visibility and meeting other patients, can be transformed into part of the architecture.

**Process**

**Method description**

By making case studies and getting familiar with the, mostly very medical orientated literature about rehabilitation, it turned out there are many different approaches for rehabilitation. Because there are so many choices, in the process of
working with a specific client, it is very important to include their specific therapies and visions in the design.
In the Care for Cure studio the assignment is free, as long as the students envision a new care facility within Rotterdam. This gives the opportunity to research facilities with a different approach, and make a choice for the starting point of the design.
The method used for the research in the studio, mainly consisted of interviewing different users of the rehabilitation clinic. Interviews with patients, a rehabilitation doctor and a manager in facilities gave different perspective on the rehabilitation clinic. The doctors point of view is very important to include because of the knowledge of the rehabilitation clinic.
Making a movie of one of the interviews made the interview even more useful, because in a short amount of time, others can be informed with the key points obtained from the interview.

**Literature and general practical preference**
To get familiar with the rehabilitation clinic, a literature study and analysis on existing clinics has been done. This background knowledge is used in the second part of the research; the interviews with users of rehabilitation clinics. The literature is mentioned in the bibliography of the reports for Research Seminar and the Position Paper, written for the research seminars during Msc 3.

**Reflection**

**Relevance**
Within the research it became clear there are many different approaches noticeable for rehabilitation clinics. There needs to be a balance between efficiency of the treatment within the building and of comfort for the patients within the building. The research indicated a wish for more normal situations and the strong wish to have a choice. A choice in atmosphere, a choice in (social) privacy, a choice in participation etc. The building should provide the optimal balance between these two factors within the urban context. The approach and research will hopefully lead the way to a new way of rehabilitation and a new home for this.

**Time planning**

**P1 – 17th April**
Analyzing provided sites in Rotterdam, choose a site.
In depth analyzes of chosen site 1:1000 and 1:500
Choose type of care facility
Analyzes Care facility and Program
Analyzes precedents
Workshop Café, develop model, drawings, intentions 1:33
Study mass models 1:500
Sociological Research Rehabilitation Clinic
Development plans, sections 1:500
Atmosphere intentions
Development of themes

**P2 – 27th June**
Sociological Research Studio reports 1,2 and 3, interviews, visits
Position Paper
Film assignment
Developing mass model 1:500 (to 1:333 and 1:200)
Plans, sections studies up to 1:200
Model 1:333 in site model
Study visit Copenhagen
Development themes
Diagrams program 1:500
Diagrams themes and concept
Fragment building in plan, section and model
Architectural intentions, ambitions
Graduation Plan

**P3**
Process critics and focus points P2
Adjust and finish diagrams concept
Developing plans and sections 1:200 / 1:100
Developing facades 1:200
Concept for construction
Materialization 1:20 / 1:5
Site model 1:200
Developing research outcomes and design integration

**10th of October: last day registration P4**

**P4 – week 46**
Finish plans, sections 1:100
Finish façade 1:100, 1:50, 1:20
Model surroundings and building with materialization 1:200
Building details, façade details 1:20 and 1:5
Situational drawing with Ground Floor 1:200
Special elements façade / plan / section 1:50
Adjustments points P3
Reflection process and design

**14th of November: Last day registration P5**

**P5 – week 51**
Theoretic background research in story
Improve points discussed at P4
Visualization (models, renders, montages)
Model qualities of certain spaces (1:50 / 1:20)