Title of the project: Third place in the everyday life of patients and parents

The project assignment of the studio is to design a non-hospitalized health care institution on one of the various given sites in Rotterdam. The focus of the studio is to give priority to the experience and quality of space, above the technical, organizational and financial issues. The program of my choice is a cancer counselling centre for children combined with a Ronald McDonald house. The cancer counselling centre is a place where children can forget that they are sick but also get support when they need it. It is (besides their home and the hospital) a third place in their daily lives. For the parents it is ideal to combine the counselling centre with a Ronald McDonald house. When their own home is too far from the hospital the Ronald McDonald house offers the solution.

De Baan is located in the city centre and I've chosen this site because of the urban context and its easy accessibility. Besides that, the Erasmus Medical Centre is very close and the area contains several schools. Partly due to the location I choose to design the cancer counselling centre specially for children. The program of the building and the location fit well together although it also raises questions. Most of these questions are about the privacy of the patients and how the urban context can contribute to the wellbeing of the patients.

The design is a well-functioning care centre that meets the desires of the different user groups. It provides the neighbour-hood with commercial spaces and sport facilities, the patients of the Erasmus Medical Centre with a place for children with cancer to get support and it provides a home for their family members.
Core Campus Rotterdam

Third place in the everyday life of patients and parents

Legend:
1. Commercial space
2. Cafeteria
3. Ward
4. Staff rest room
5. Staff room
6. Office
7. Commercial space
8. Cafe/Restaurant
9. Supply/Storage
10. Technical space
11. Water basin pool
12. Parking

The architecture of the interior
Plan 1:200

1. The site
2. Courtyard opens towards the streets
3. Higher and lower part create scale difference

Front facade

Back facade

Program

Care Campus Rotterdam
Third place in the everyday life of patients and parents
Third place in the everyday life of patients and parents

The architecture of the interior

Care Campus Rotterdam

Legend:
1. Lobby Ronald McDonald
2. Information centre
3. Workshop space
4. Swimming pool
5. Commercial space
6. Cafe/Restaurant

Garden references

Plan 1:200

Legend:
1. Back facade courtyard
2. Front facade courtyard
3. West facade
4. East facade

Back facade courtyard

Front facade courtyard

West facade

East facade

The architecture of the interior
Core Campus Rotterdam

Third place in the everyday life of patients and parents

The architecture of the interior

Marjolein van den Elst | 1352474
Core Campus Rotterdam

Third place in the everyday life of patients and parents

Facade fragment 1:20 (courtyard)

Construction scheme

Detail 2

Concrete roof edge
Spacer
Pluvia system
Insulation (slope 20mm/m)
Roofing material
Construction green roof (gravel at the location of Pluvia system)
Load bearing concrete wall
Vapor barrier
Insulation
Waterproof layer
Cavity
Brick (Petersen Tegl Kolumba)

Left to right:
Load bearing concrete wall
Vapor barrier
Insulation
Waterproof layer
Cavity
Brick (Petersen Tegl Kolumba)

Bottom to top:
Slimline floor system
Pipelines heating/cooling ceiling
Oak floor

Non-bearing concrete wall
Vapor barrier
Insulation
Waterproof layer
Cavity
Brick (Petersen Tegl Kolumba)
Acoustic decoupling

Detail 5

Concrete layer with integrated steel beams
Installation space

Detail 4

Anchors to support brick facade
DPC foil
Plywood ceiling finishing (white)
Folding window frame (Solarlux SL 25R)
Railing loggia (Solarlux SL 25R)
Translucent glass
Accoya wooden sill
DPC foil

Detail 6

The architecture of the interior

Marjolein van den Elst | 1352474