1. Users & Programs
Cancer has been the most important source of mortality not only in the Netherlands, but also around the world.
Maggie's Centre, UK

Counseling

<800m²
Maggie's Centre, UK

Counseling

<800m²

Denmark

Counseling+ Rehabilitation

1000-2500m²
As rehabilitation is an option from the day the citizen is diagnosed with cancer, the treatment and the rehabilitation go hand in hand.

1. Schedual: 2 times/week, 2-3 years in total
2. Only out-patients
"The centre keeps me going. I'm surrounded by an organized network and I meet people who understand my situation. When I'm down, I go to the centre to get my spirits up."

Christina, 46 years old
design theme:
encourage social interactions among the users

hierarchy of social interaction:
1. to the public: protected
2. formal and informal social interaction
3. private space
Program

Dutch Mode

Counseling + Rehabilitation + Hotel

5000 m²
2. Site
Site

intersection zone

new living area

old living area

industrial area
Site

- villas
- industrial shops
- Office
- Partycentre (remove)
- church
- Gamma

easy to access
urban+green

complex context
isolated
1. as a buffer
2. provide context of the site
Site

- green slope
- two lines of trees
memory of the site
courtyard
3. Design
Program

hotel

treatment+group room

office+rehabilitation+learning
300mm filigree concrete flooring

15mm plaster

20mm air cavity

100mm mineral fibre thermal insulation

20mm pine wood vertical timber boards

70mm screed with underfloor heating

30mm impact-sound insulation

Window sill, precast concrete, 50mm overhang with rainwater drip

Aluminum window with fixed double glazing
5mm toughened glass + 15mm cavity + 6mm laminated safety glass, U=1.1 W/m²K

Vapour barrier

Polythene sheeting separating layer

60mm trapezoidal-section metal sheeting with 140mm concrete topping

20mm OSB

20mm plywood

Ridge capping

400x100mm laminated timber beam

150mm mineral-wool thermal insulation

Shingles/ solar shingles

200mm reinforced-concrete hollow-core slab

20mm impact-sound insulation

300mm filigree concrete flooring

Office corridor

Corridor library treatment

Corridor room

WC

100mm facing bricks

15mm plaster

20mm air cavity

100mm mineral fibre thermal insulation

20mm pine wood vertical timber boards

30mm thermal insultation, polythene sheeting separating layer

70mm screed with underfloor heating

Aluminum window with fixed double glazing
5mm toughened glass + 15mm cavity + 6mm laminated safety glass, U=1.1 W/m²K

Vapour barrier

Polythene sheeting separating layer

100mm sand lime stone

15mm composite screed, clear finish

Larch

20mm impact-sound insulation
4. Materialization
5. Climate
solar shingles