Urban plan:
The site currently consists of 5 buildings. Previously these buildings have a relationship with one another. They formed a unity as the service provider Weg & Werken area. On the moment the buildings have a function of their own.

For the location it is important to create a unity again. The W&W area is in the management of Stichting R.Columns. The foundation wants the site to become a cultural platform with different companies.

New function to create a unity can be a Park / institute / Museum.

Other factors:
The Garenkokerskollektief, got an group outside the Garenkokers area. Thiskollektief is looking for a studio space.

Self was inspired by the concept of Helion Lee. Central for this concept are the disability, environment, art and spirituality.

This concept connects to the idea of Helion Lee. In this concept the buildings have a relationship with one another. They formed a unity as the service provider Weg & Werken area. On the moment the buildings have a function of their own.

Between the mainbuilding and the residential building will be a private area

Heliomare supports adults and children with disabilities so that they can live as independently as possible.

Heliomare is a foundation which is located in North-Holland.

The foundation provides professional attention in the fields of work, integration, day care, education, rehabilitation, sports and housing. For occupational therapy the Heliomare variant work centers are set up, including “Kunst om de Hoek” which is 1 kilometer of the W&W site. This day care center can be connected to the Weg & Werken area.

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Heliomare supports adults and children with disabilities so that they can live as independently as possible.

To respond to the green character of the site we choose

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This concept connects to the idea of Helion Lee. In this concept the buildings have a relationship with one another. They formed a unity as the service provider Weg & Werken area. On the moment the buildings have a function of their own.
The existing building has one monumental corridor. For the new program we need a route in the building for functions linking. The intervention is on the south facade this is the weakest facade.

The facade of the intervention is related to the existing building. It got the same proportions.

The new corridor is connecting the old and new building together. The glass makes also the length of the building visible.

The intervention has an opening to the water and the private garden on the Weg & Werken area. This is to bring the environment into the Seinwezen building. And to make a slow entrance into the garden.

The transformation of the SEINWEZEN building on the WEG & WERKEN area in HAARLEM II Denise Kruisdijk II 1377205 II TU Delft II

South facade 1:200

East facade 1:200

South facade 1:200

North facade 1:200

Cross section A-A 1:100

Cross section B-B 1:100

Groundfloor plan 1:100

Cross section B-B

Cross section A-A

DESIGN

The transformation

Redevelopment of the Seinwezen building

C-C

D-D

X X Y Z
These details will show how the cortensteel is attached to the intervention of the building. In detail 11 we see how the roof of the new building is constructed. In detail 10 we find how this construction is connecting to the foundation. We see here also a gutter for the leakage water from the cortensteel wall material.

The roof of the building is made of Sedum. Because this will present the green of the environment and will serve as soundbarrier.

The construction of the intervention is made of steel and limestone blocks.

In the roof of the new building is an opening for a tree. This is to connect the building with the environment.

In the existing building is also a courtyard, with a glassroof. That is what is making this garden different from the outside garden. The nature is brought inside the building.

The courtyard is also made because the central hall did need more daylight.

The first floor is changed, the wooden beams are now placed between the steel beams. Now the height of the first floor is acceptable.
INSTALLATIONS

The existing building will have an installation room on the 1st floor. Here we find the heating / ventilation installations.

Underneath we find the toilet rooms, in the ceiling we find the distribution of the installations.

The ventilation installation of the new building is on the roof of the extension.

The ventilation installation is a heat recovery system.

The heating is also included in the floor.

The courtyard has a glass roof. The rainwater will be collected through water pipes in a drainage basin under the building.

The water can be used to provide the courtyard.
The window frames have on the top places clear glass, here we find the smaller windows. These are related to windows of the existing building. The lower windows are made of opal glass, so we can see the whole ceiling but not all the people that walk by.

In the new facade we find Cortensteel. Cortensteel is a reflection to the industrial character of the area. The interior is made of blanc steel plating. The corners at recesses are thicker than the wall, this is related to the thickenings of the existing building.

The floor of the building will be white. There are lights in the floor of the corridor. In the new building we find lights in the ceiling, that will let the ceiling float. Because we also need large lights in the new building there will also places some spots in the ceiling.
Transformation of the SEINWEZEN building on the WEG & WERKEN area in HAARLEM

Section X-X' 1:20

Section Y-Y' 1:20

Extention of the building 1:100

New Corridor

1:5 detail

New entrance

Central hal

New building

trees

Steelconstruction

Wood Trespa

Cortenstaal

Leather brown

Glass silk glow