#### VI.

# ALONG THE RING'S CONDITIONS

INTERVINING ON THE INFRASTRUCTURAL EDGE OF CHARLEROI

Territory in Transit Dorsale Wallonne

**MARCO CIMENTI** 

## **Geographical Context**

Europe, Belgium, Wallonia

# **Geographical Context**

Locating the project, Sites, Survey, System

#### Context

The reasons of the Walloon regional layout

#### **Theoretical Ground**

New typologies for the edge of the City Megaform The form of the Territory

# The Project

Sites The role of Infrastructure
The Archipelago

### The Project

Three mutual themes: program, site specificities, itinerary

#### Intervention

West Modification - The Line Technical / constructing aspects

#### Intervention

South Modification - The Point

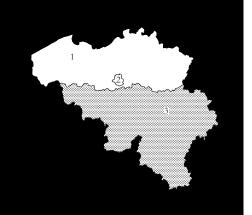
The extension of the highway

The green route

### Intervention

West Modification - The Surface The cell, Beistegui, rehabilitiation

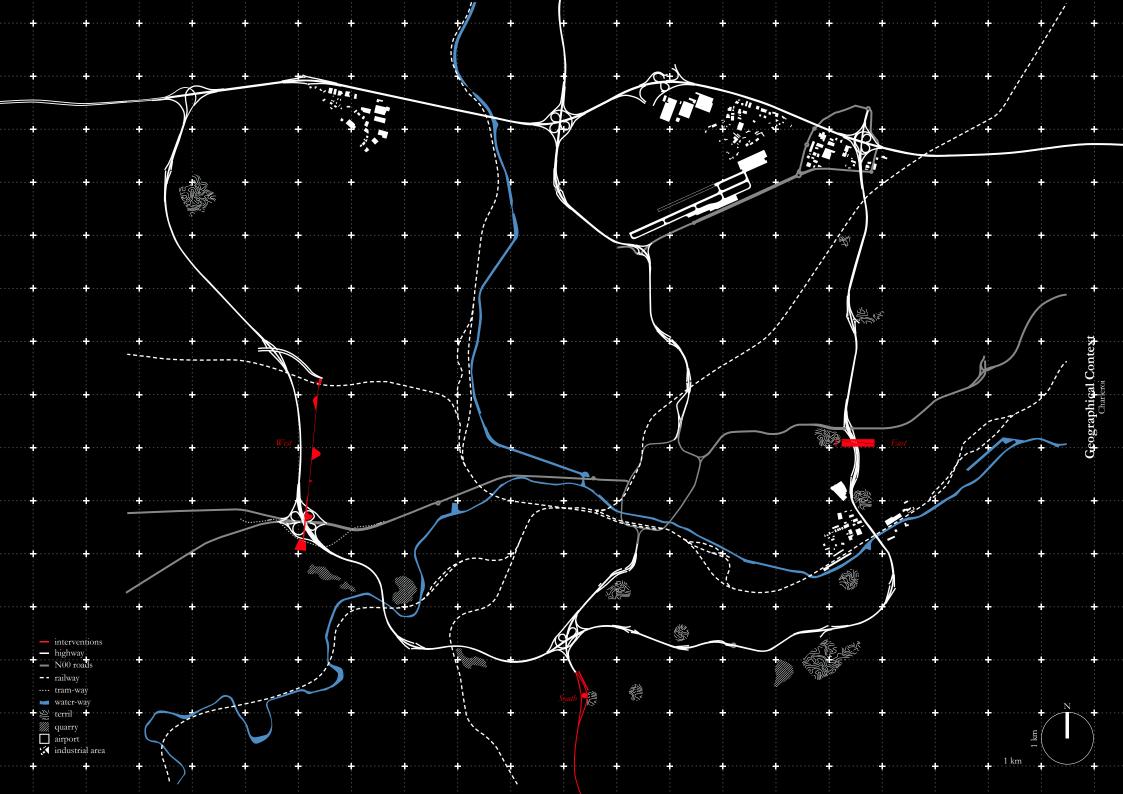
**Geographical Context** 



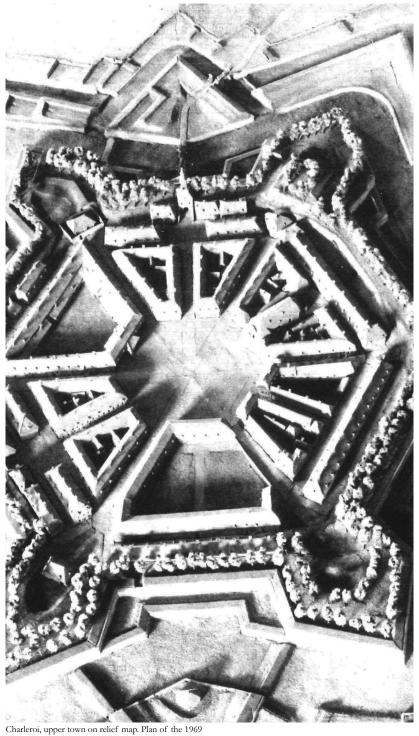


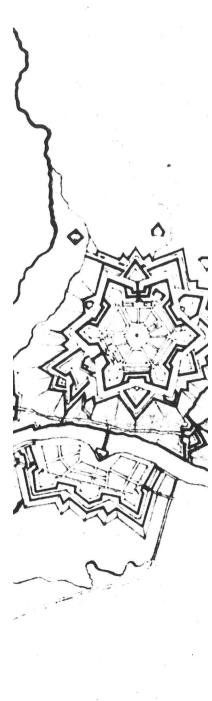
#### Regions of Belgium:

- Flanders
   Brussels
   Wallonia





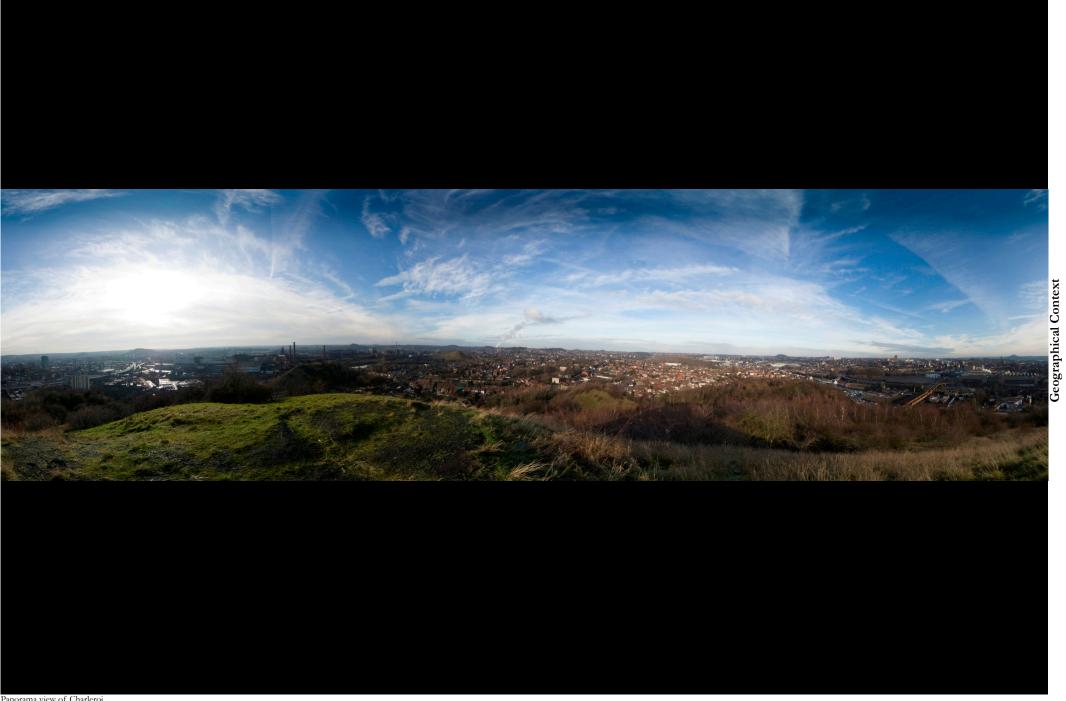






Hand-drawing of the Charleroi's Plan (1672-1679)

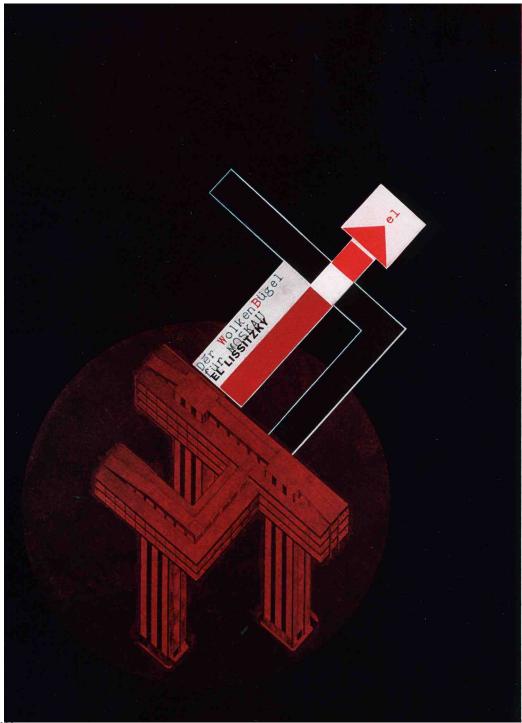




**Theoretical Ground** 

The new typology designed by El Lissitzky is a horizontal skyscraper, hosting offices. In this project a series of these new building-types were located on precise spots along the outer ring belt of Moscow, where the main arteries leading to the center met the ring-belt.

A peripheral context.

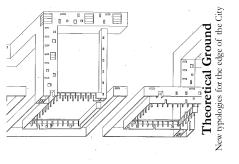












In the Phamplet n. 13, Steven Holl inscribed a series of projects meant to frame the edge of the American cities, bringing environmental explanations as the reasons to block the city's development.

In this proposals, again there is the foundation of new typologies, one clearly inspired by the Wolkenbugel.

**Megaform**, it may be defined as the displaying the following characteristics:

- 1) A large form extending horizontally rather than vertically
- 2) A complex form which, unlike the megastructure, is not necessarily articulated into a series of structural and mechanical subsets as we find for example in the Centre Pompidou
- 3) A form capable of its strong topographical character
- 4) A form that is not freestanding but rather insinuates itself as a continuation of the surrounding topography
- 5) A form that is orientated towards a densification of the urban fabric.



#### Modification and the Horizon:

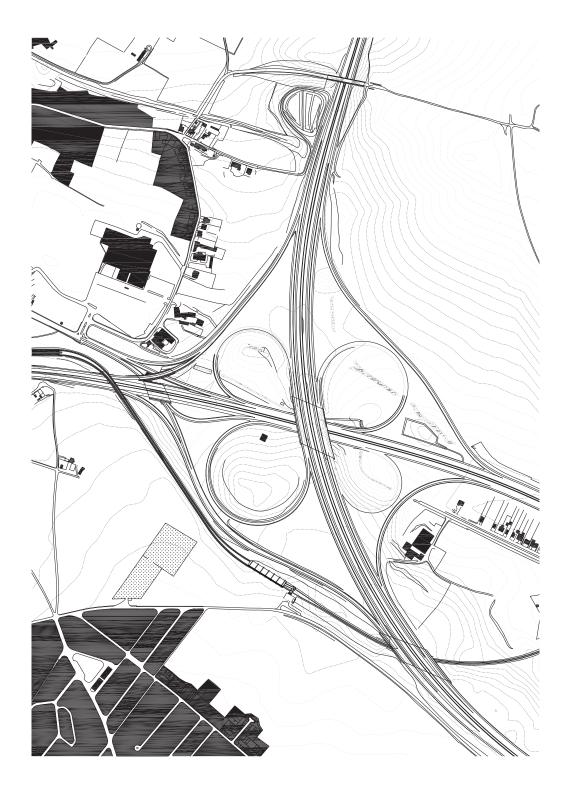
The preponderant presence of nature makes it easier to evaluate the effectiveness of human interventions: the first type of human interventions in the environment coincided with the desire to only bring about minimal changes in order to encounter as little resistence as possible; this modus operandi left only fragile remanants that are, however, perfectly characteristic as they involved the most essential options. But even when we are confronted with a heavily manipulated geo-graphicla space, the problem is always a question of locating the tender spot, the minimal operation. Evidence of this can be found in the modification of the horizon and its highest points, the ground plan of the main connecting axes and the dimensional and chromatic modulation of surfaces.

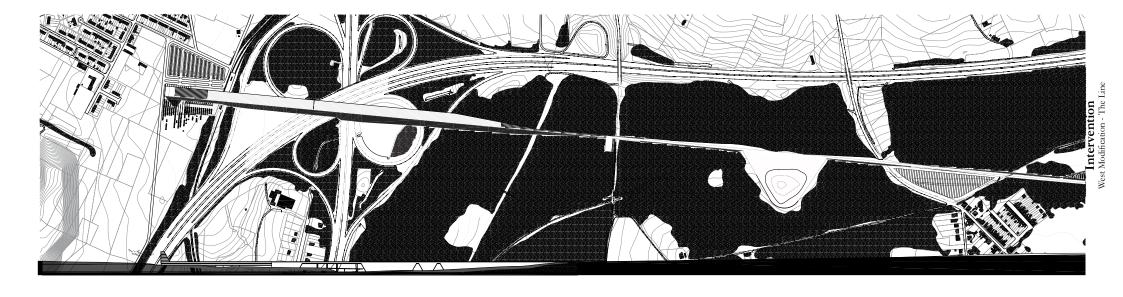


The Project

# West Modification

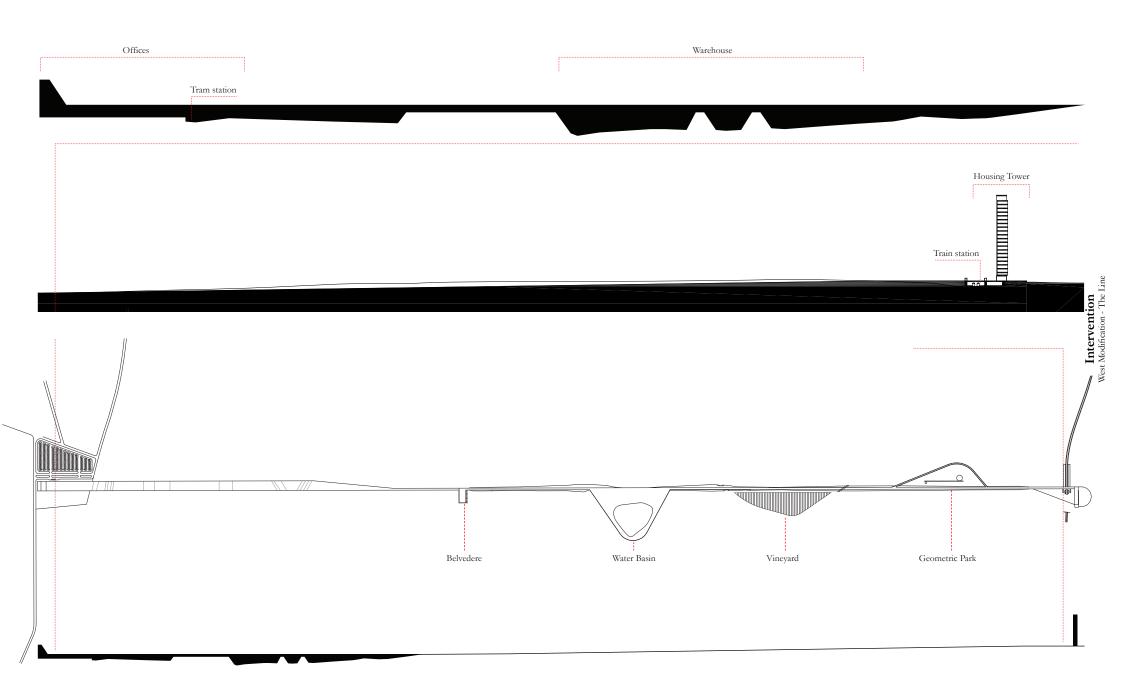
The Line

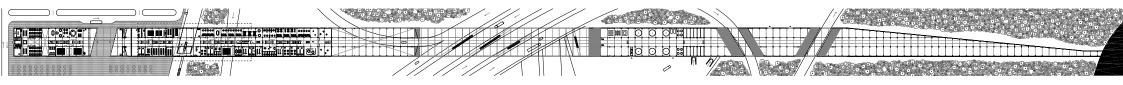


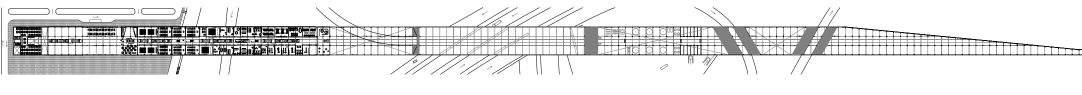


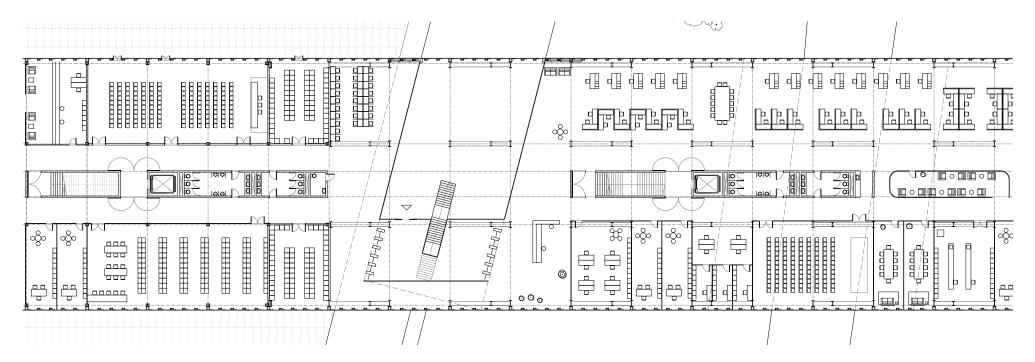


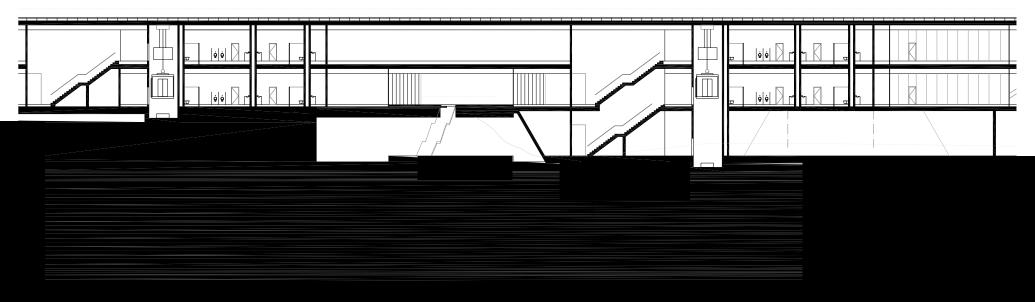


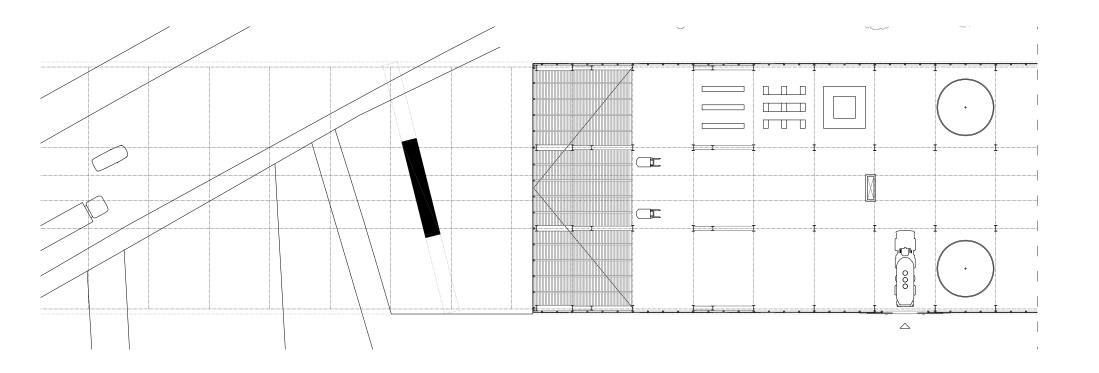


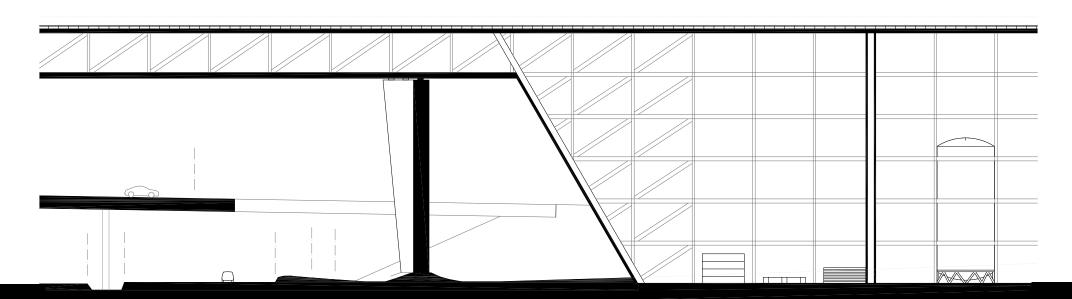


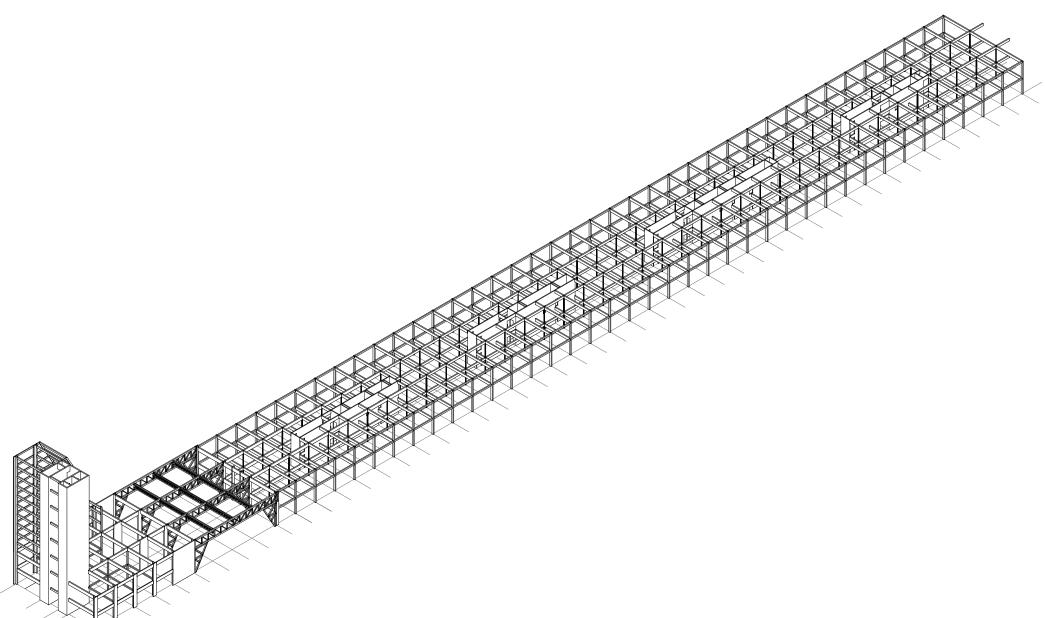


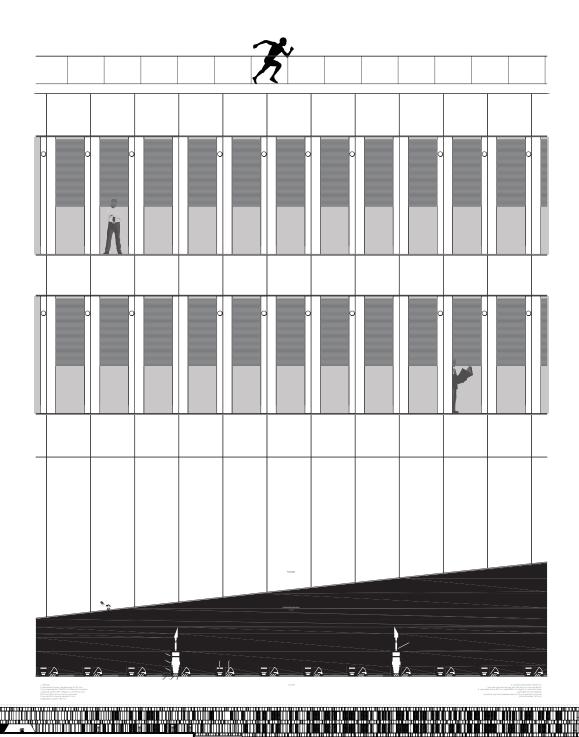




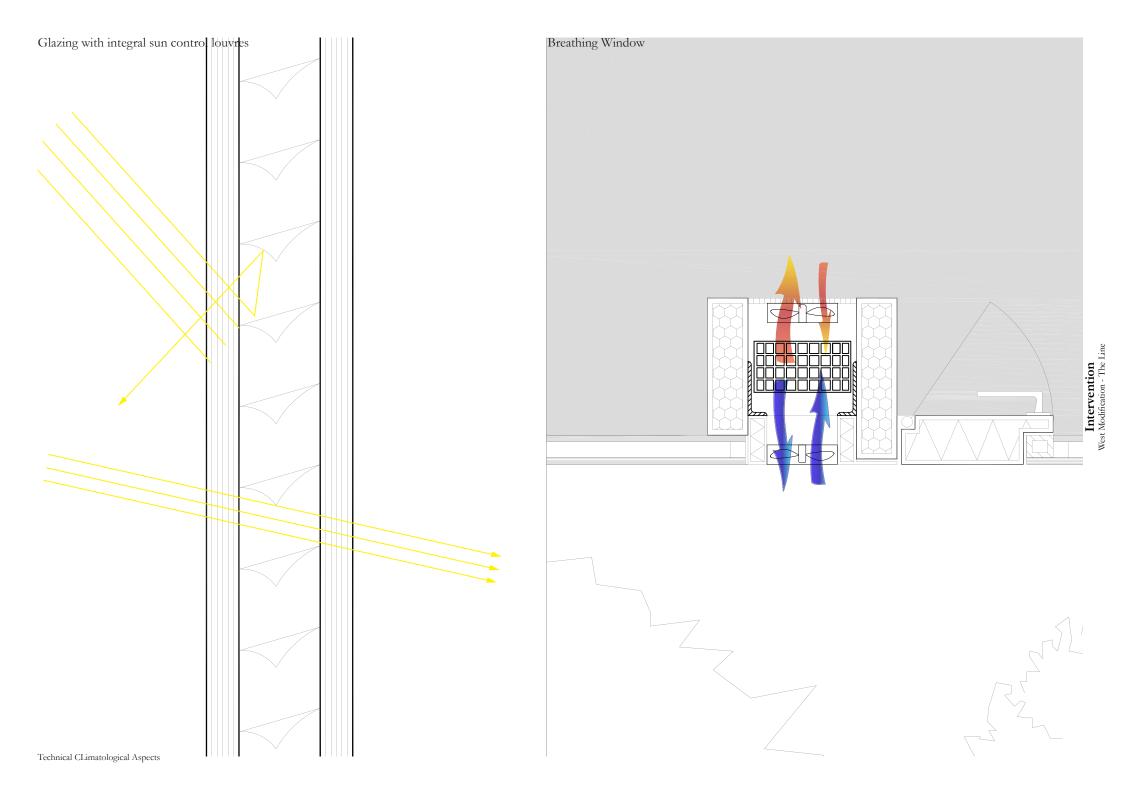


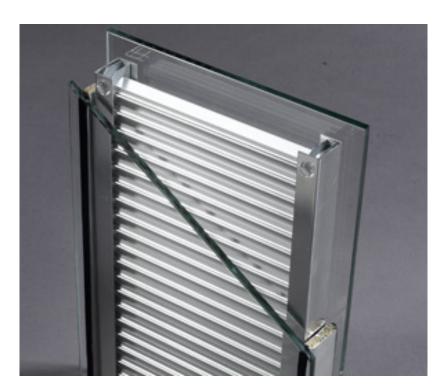




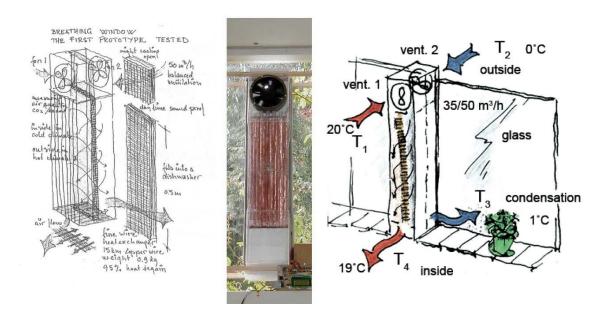


Intervention
West Modification - The Line

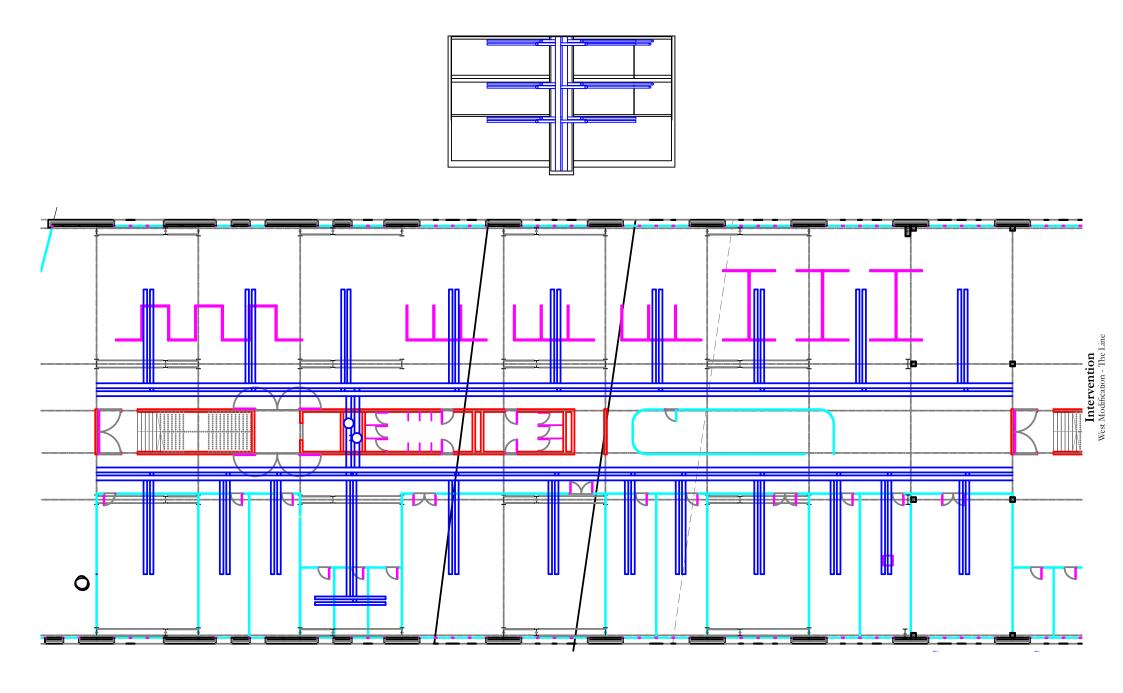




Glazing with integral sun control louvres



Breathing Window - Fine wire heat exchanger



#### THE ENDLESS FIELD OF WORK

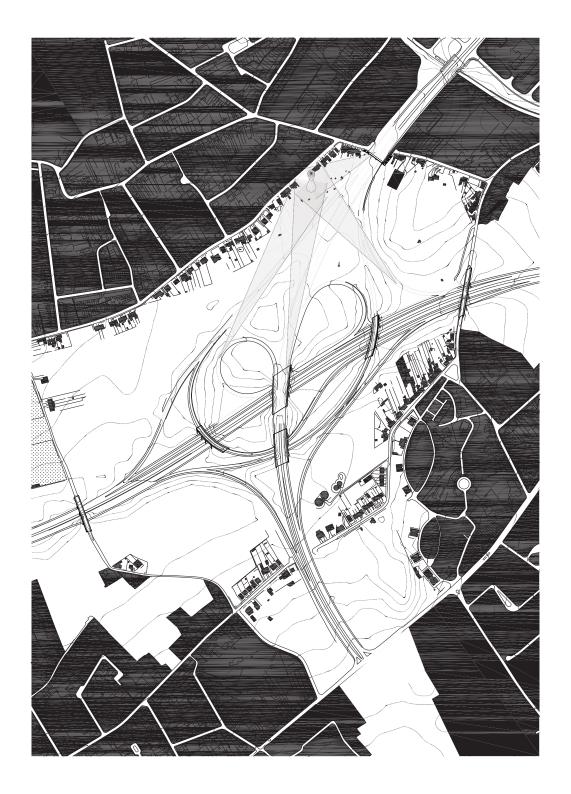
Site: a cloverleaf interchange. Over the roads giantic gates rise. The in-between of the gates is filed by means of a generic structure. Here, in this generic space of endless extension a working field finds its natural location.

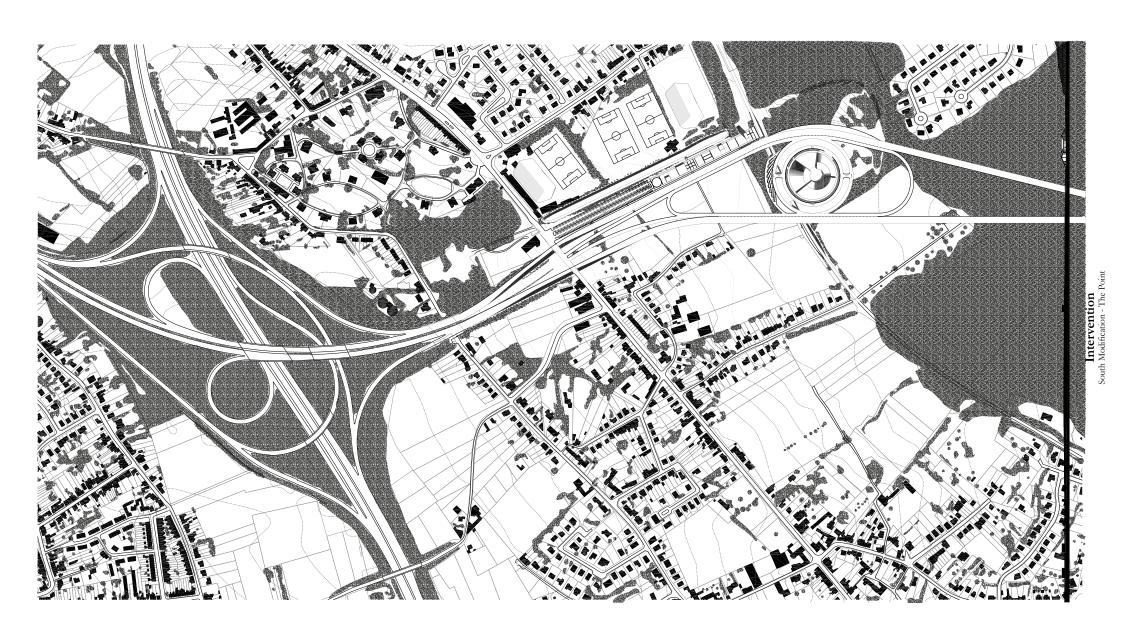
No boundaries for the labour:

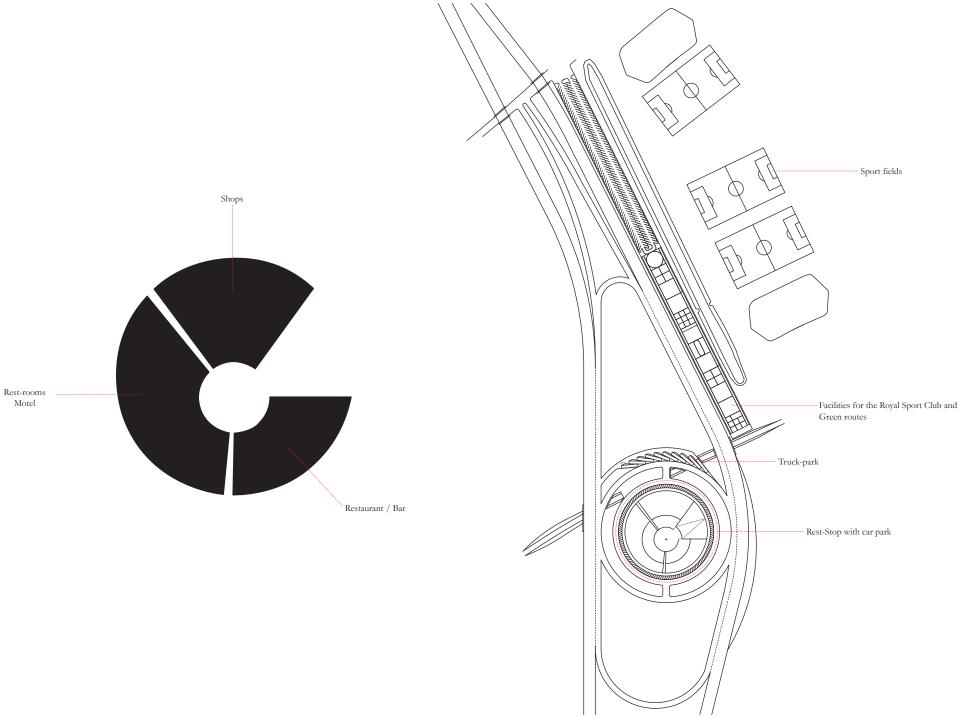


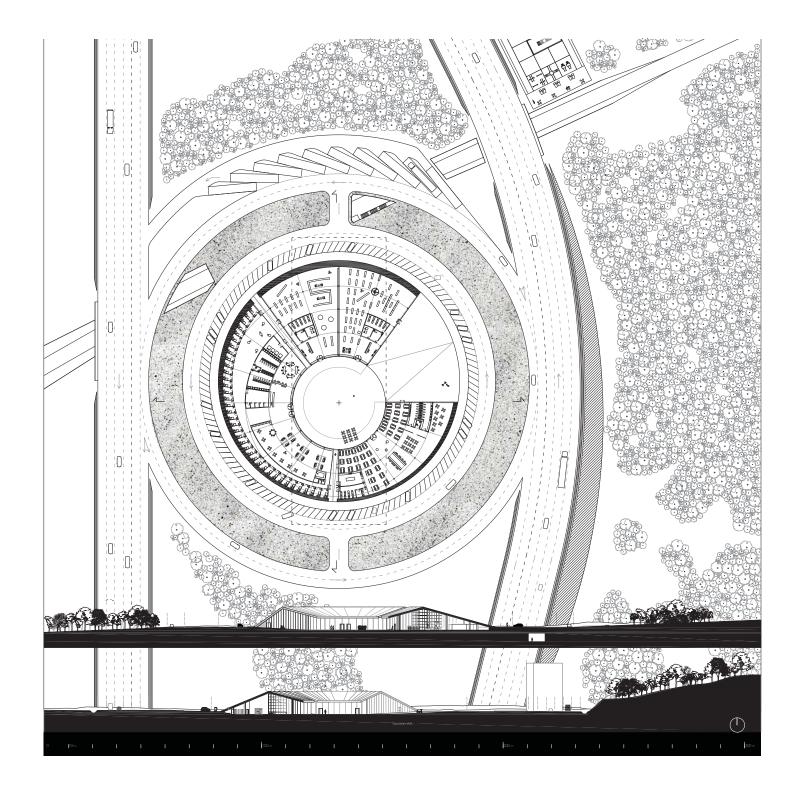
## South Modification

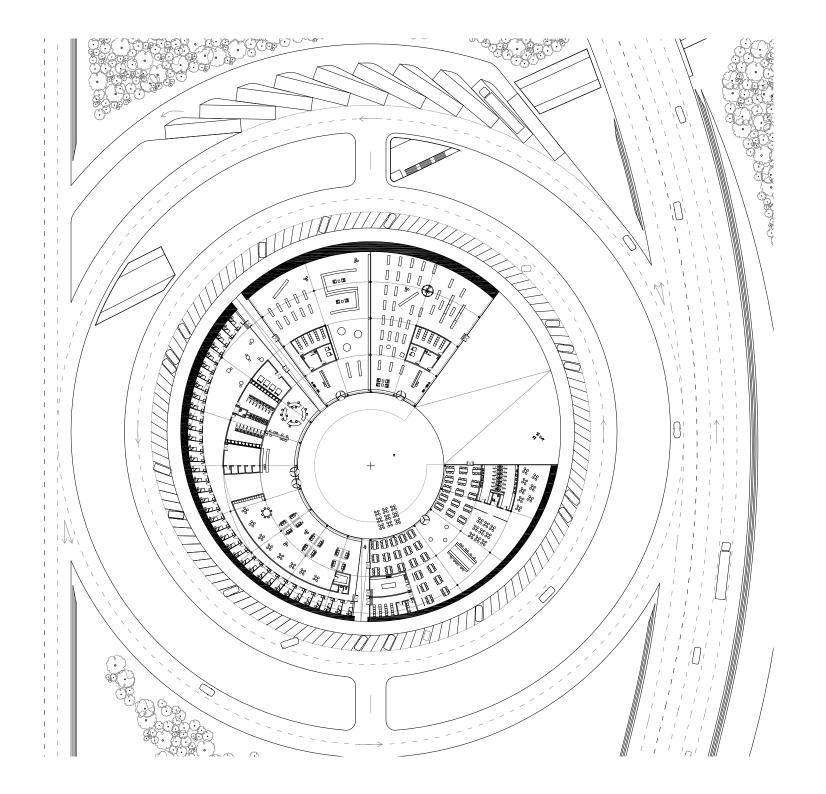
The Point

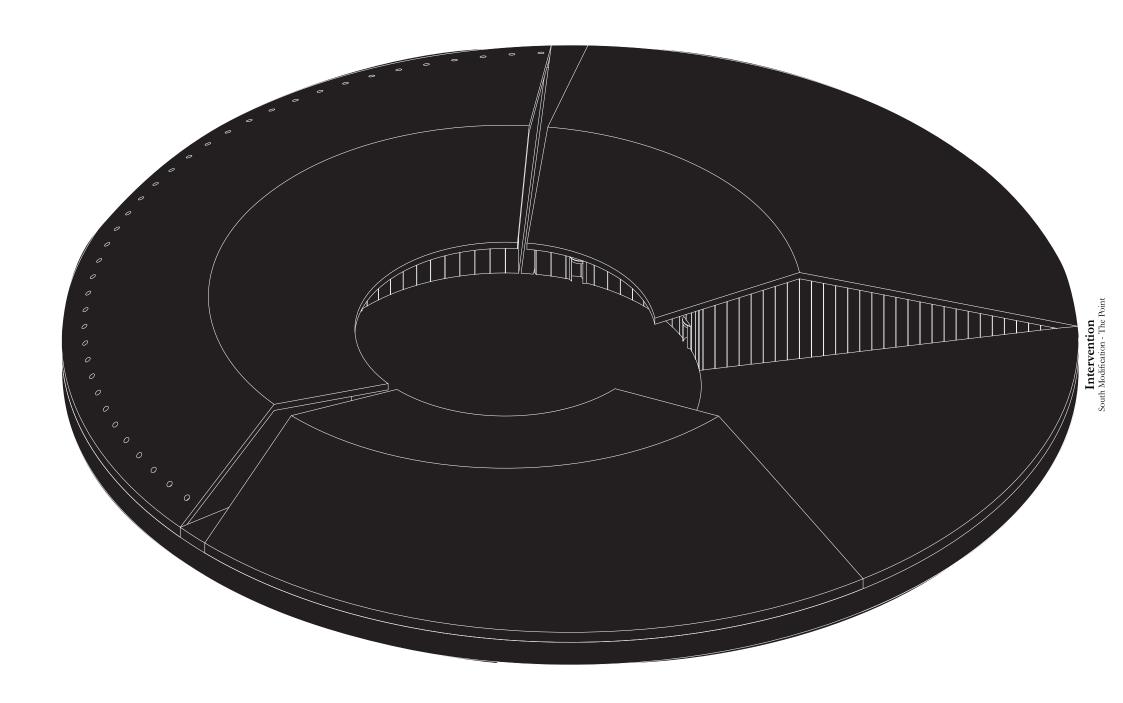






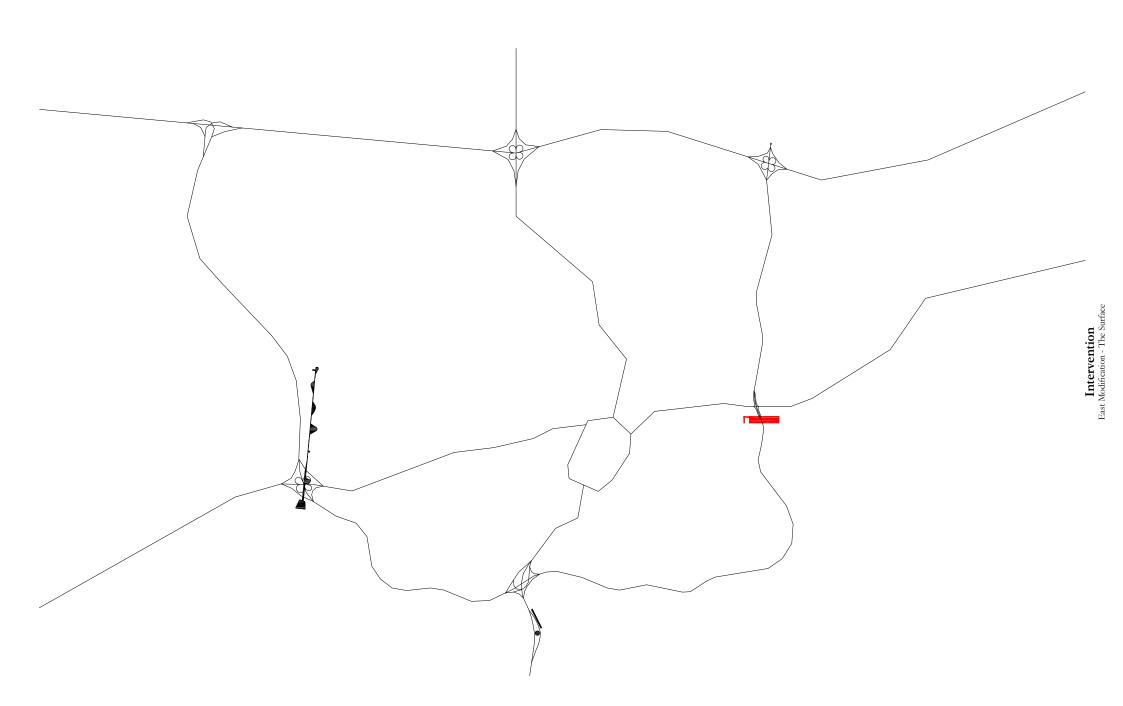


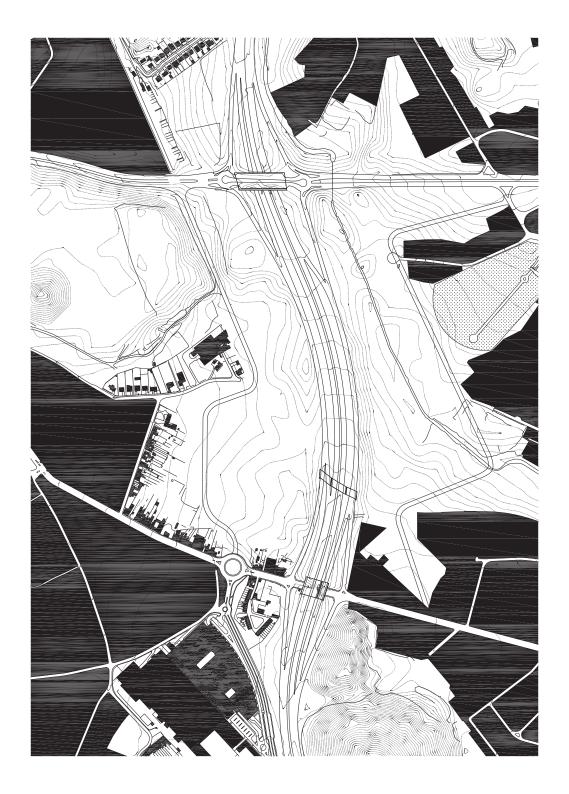


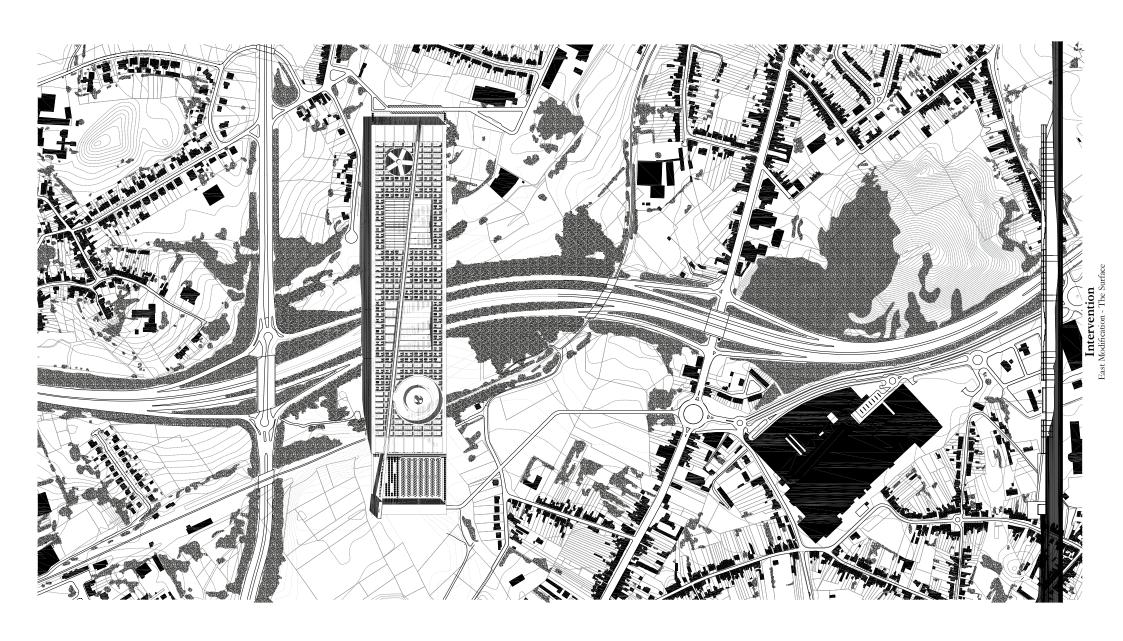


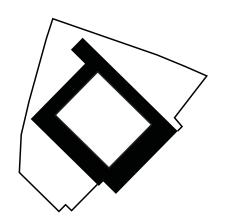
### **East Modification**

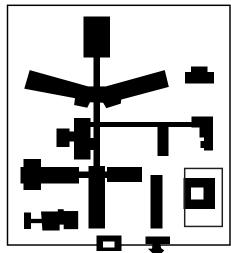
The Surface

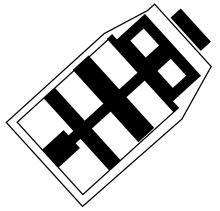


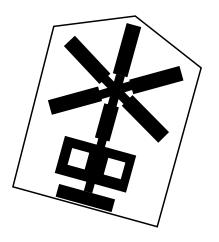


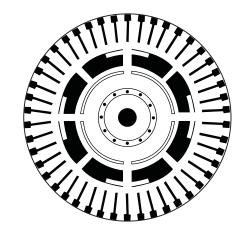


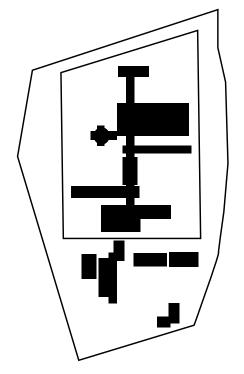


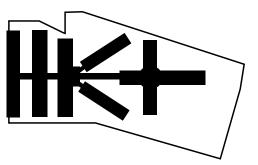




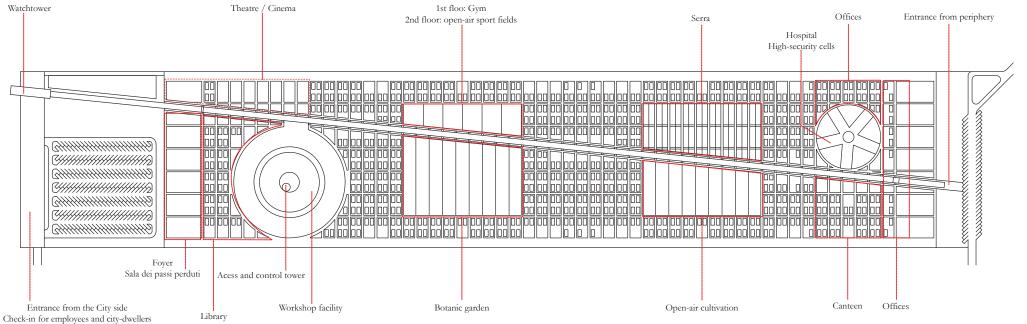


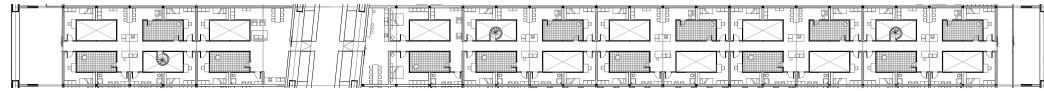




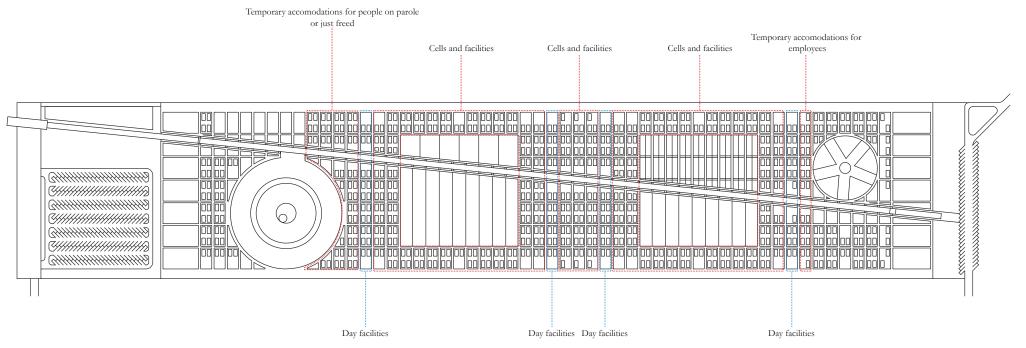


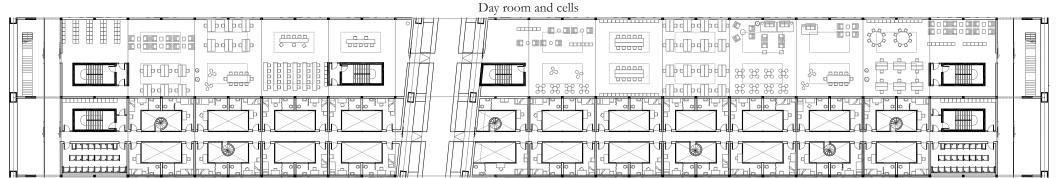






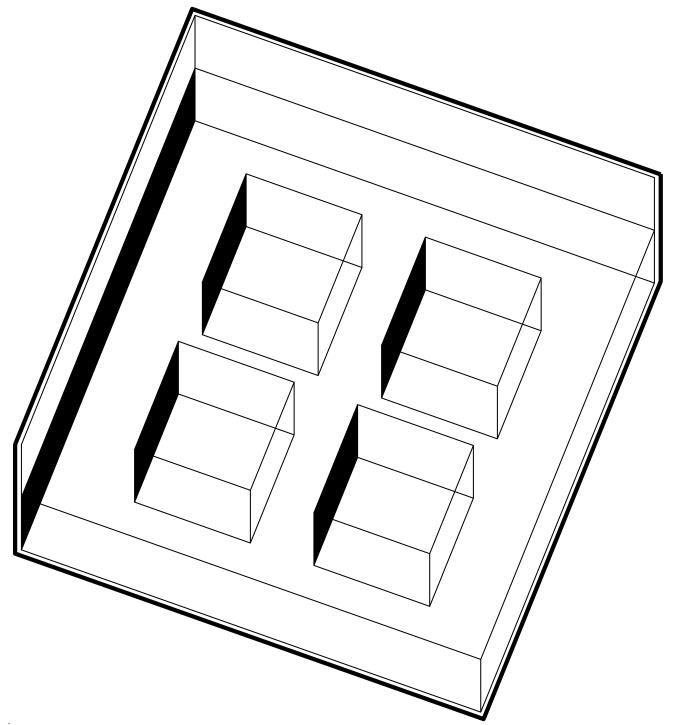
Temporary accomodations

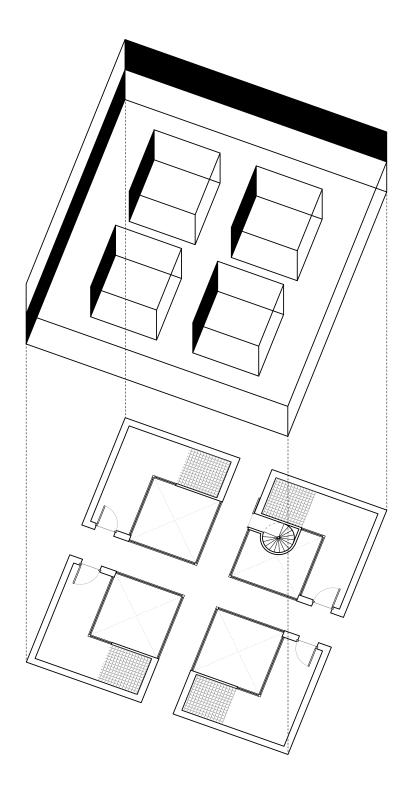


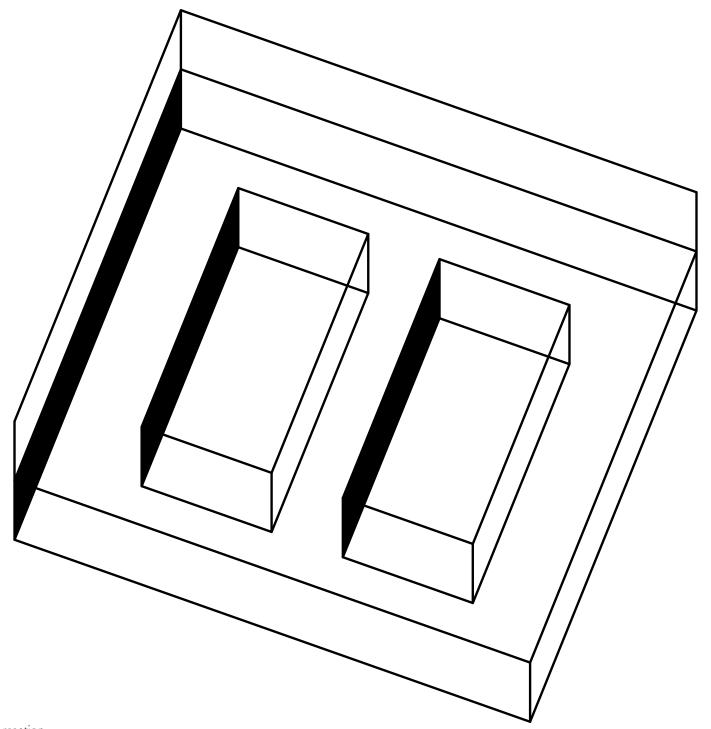


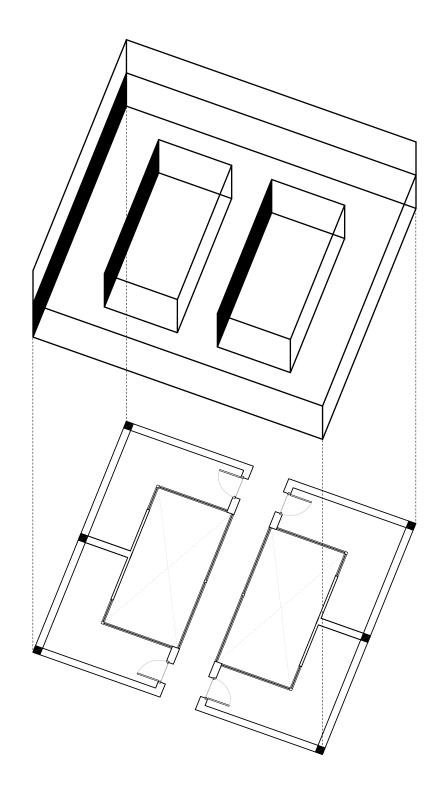


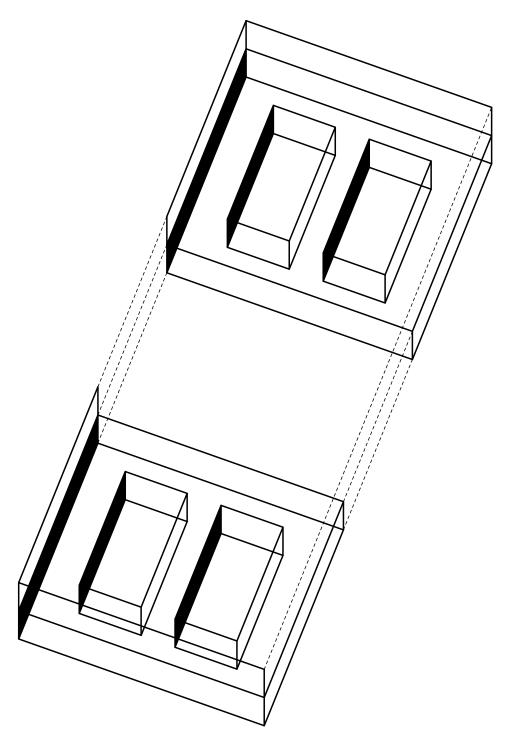


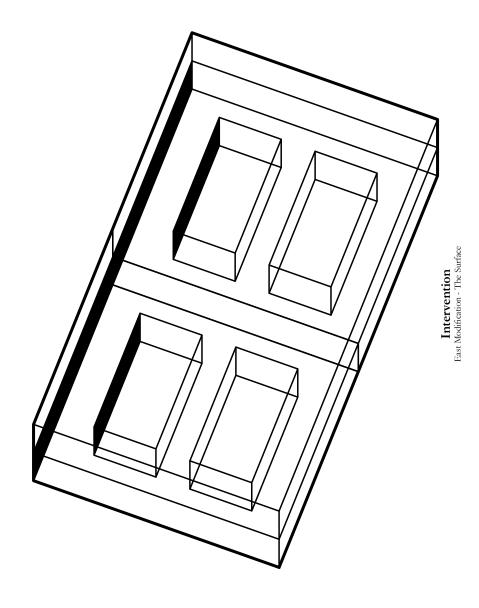




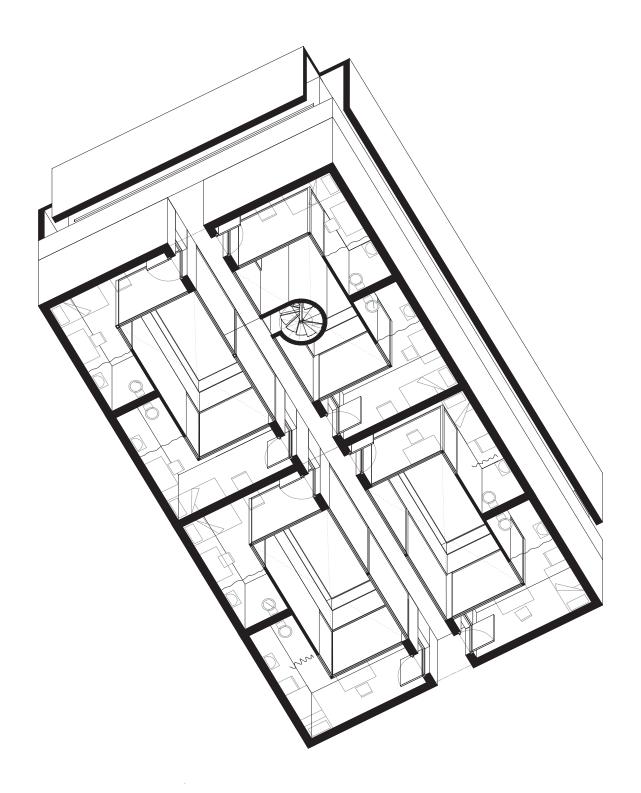


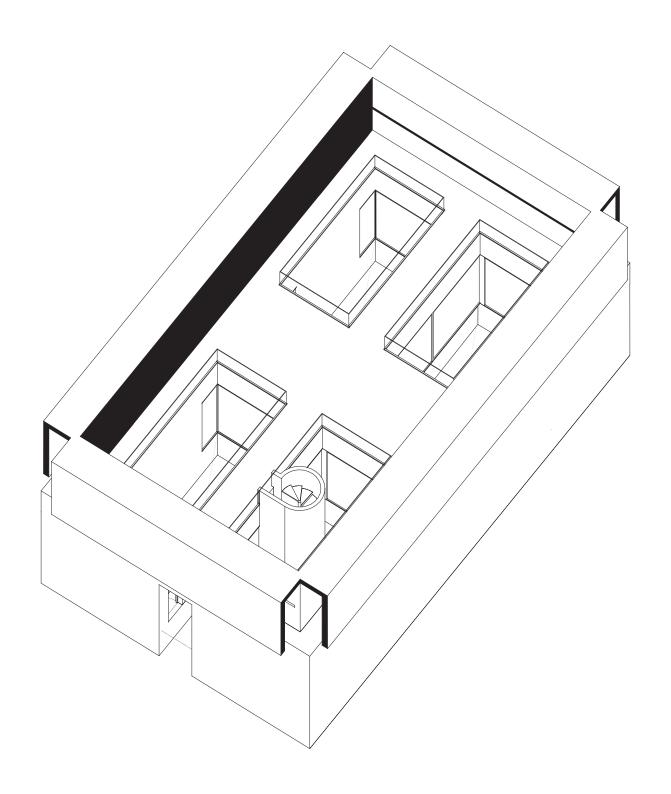


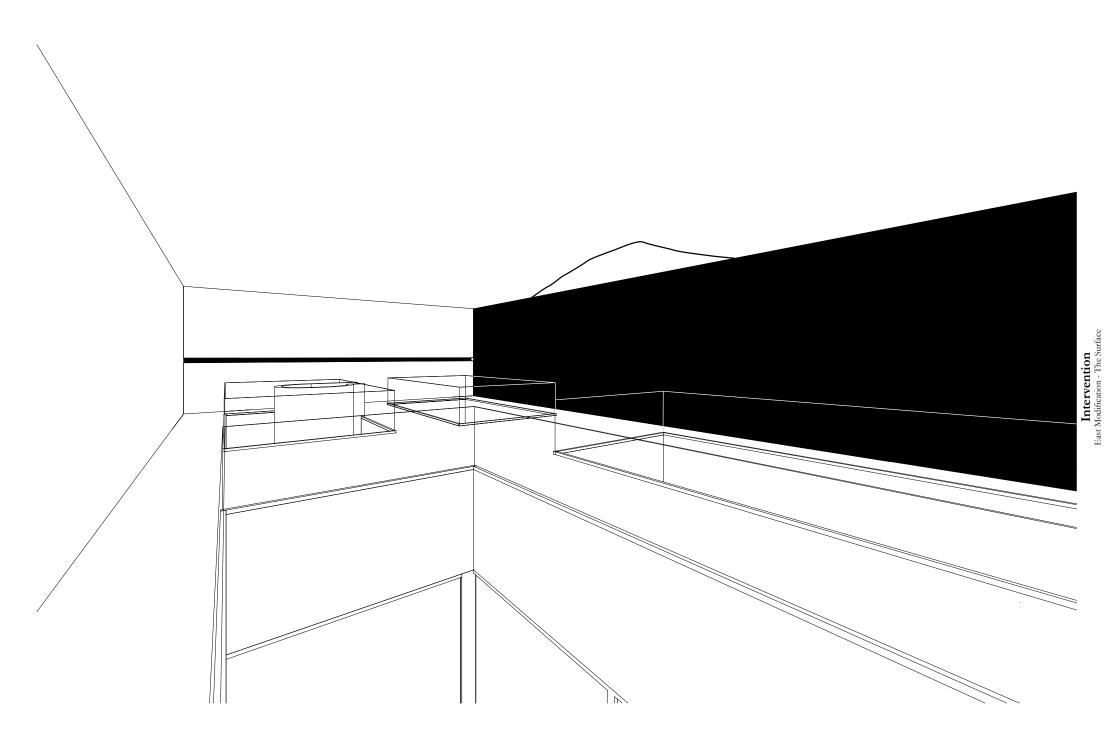




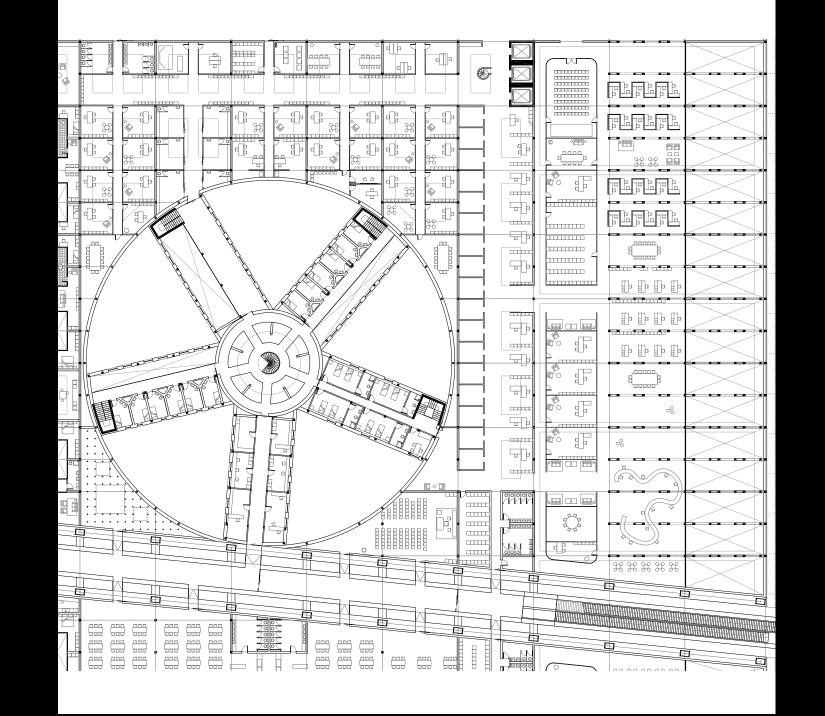
Formation of the cell and its aggregation

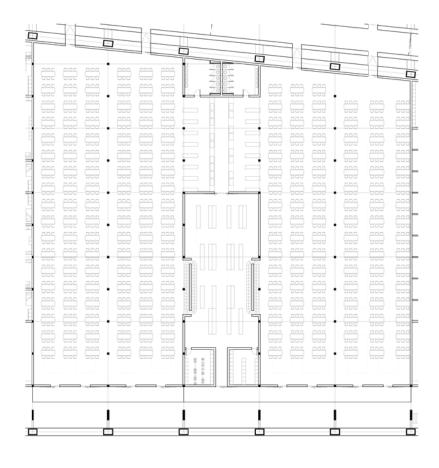


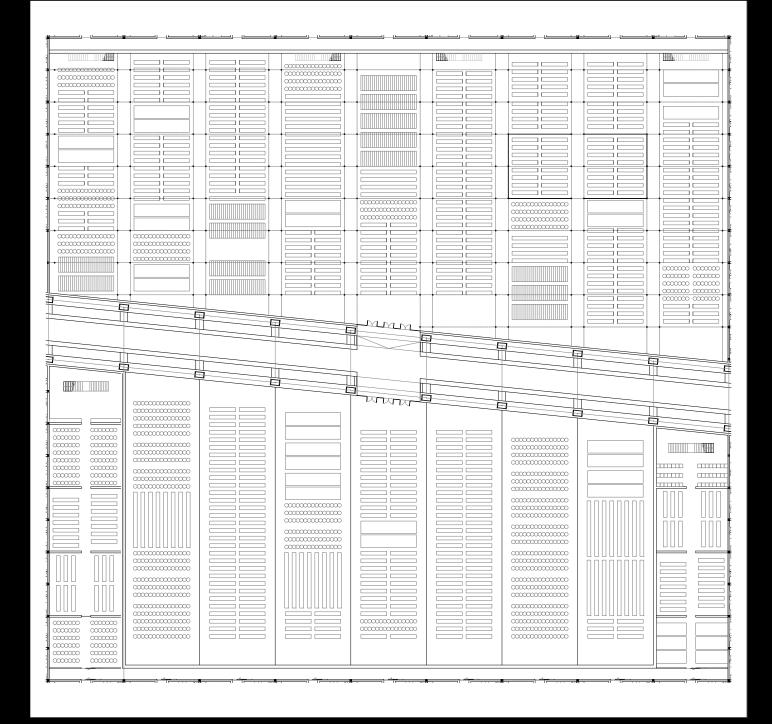


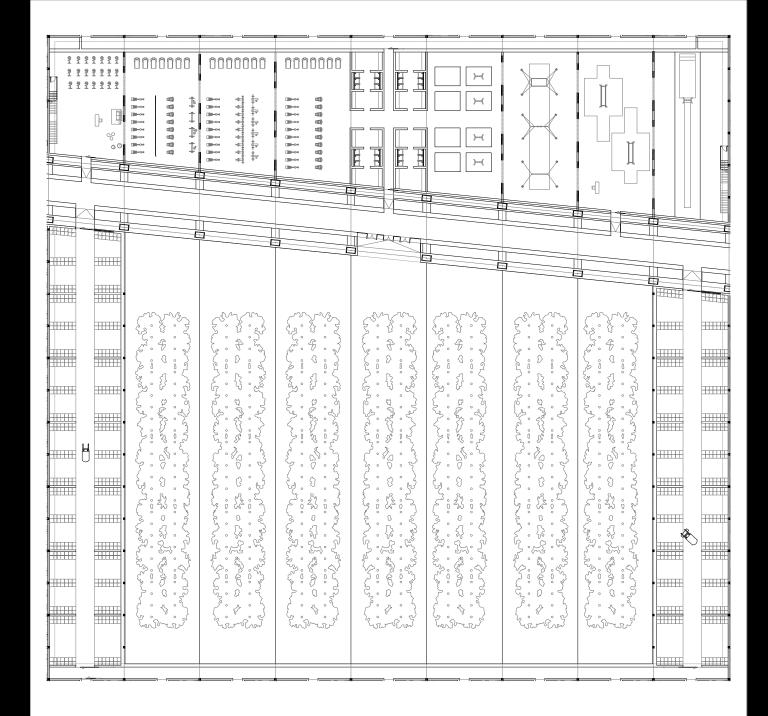


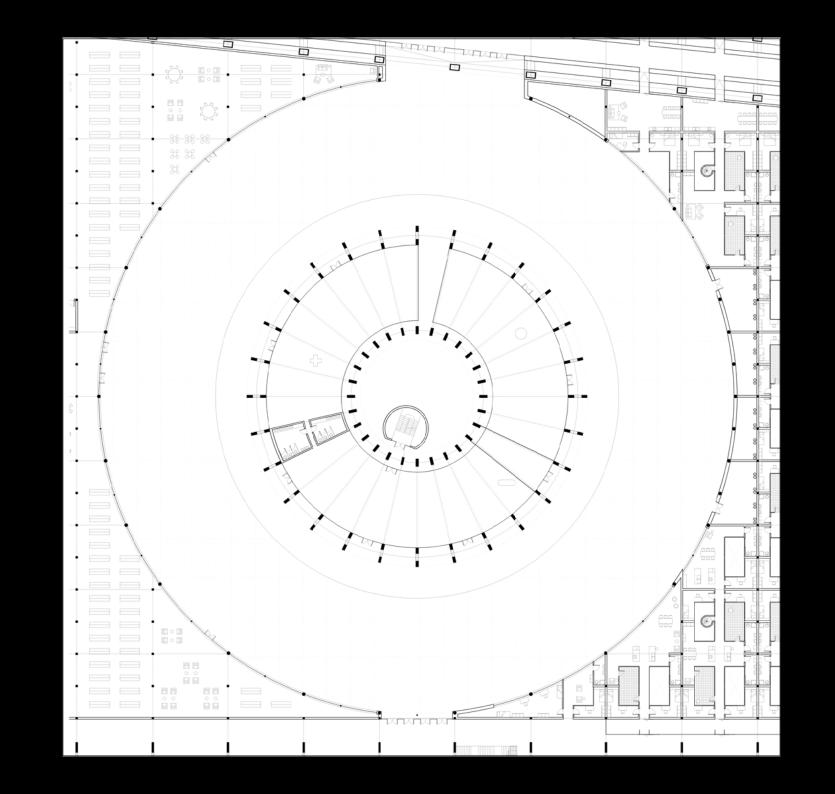
View from the terrace

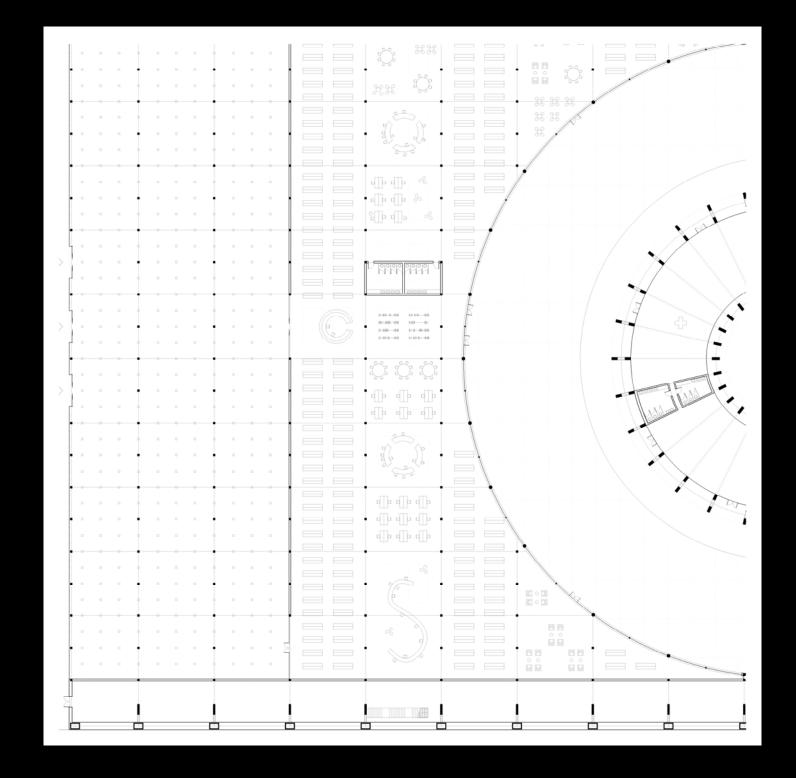












ar market

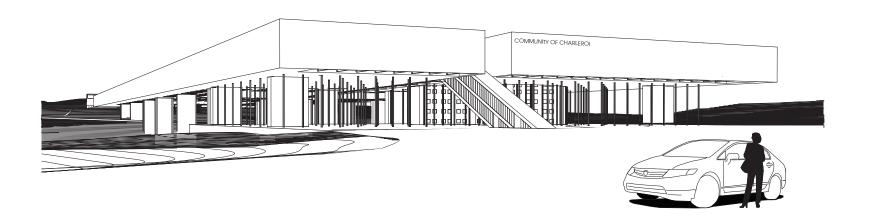
**Marrison** 

#### FLATTEN

It is an interface with two different sides, the top and the bottom. Both of this sides respond in a different way.

Under the surface the feeling is of being father by it. Another scale is reveald, humans feels as minor figures under or next to the surface.

A new environment, a new fandscape is established under it.



# Intervention East Modification - The Surface

#### THE CONSCIOUSNESS OF BEING

To go through the entire surface may take years for some people. The path leading to the city is a long walk, more than those 60 meters of bridge. The outer world is represented by the ground and the sky, giving the feeling of being suspended in space as well as in time. The time in a prison is different from the time experienced outside of it, this is the consequence of a confinement state. Therefore, waiting to be freed and re-integrated in society is a status of suspension

From the tower one may look back at what he was.

