XL LM

Structural Plan for Refhale Island

The Olympics 2024

This structural plan for Refshale Island (SPfRI) is a school project on the event that The Olympics were to be held in Copenhagen in 2024.
Placing 30 Acres of Olympic Village and a number of sporting events were the swimming stadium is the main attraction.

Lasse Medegaard Schelde, stud. 2863, AFD. 1, Fall 2006

Documentation

The central plaza

The comming walking zone and public service buildings

Inspiration

Water and waves have been a big inspiration for this asignment

Buildings placed directly in green areas

Sitting with you feet in sand and enjoying the view of Copenhagen

This dock will be a central element in the future park

Tention between buildings and hard surfaces

Surface re fections in water to be used as a planning tool

The North East of the Island have 10 windmills - a place for re fection and tranquility

The B & W landmark building visable from everywere on the Refshale island

Low dens spaced out buildings - Bleda Park

Low long buildings in human scale

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Wave inspiration

I wanted to make a plan that was not directly inspired by The Olympics, because people would have to live there for many many years after the event. Being inspired by water seemed to go very well as an overall theme.

The Grid

The main grid is laid out by a series of waves. This gives the height and the width of the structures. The wave ﬂattens out in the sport events area creating a larger grid for larger buildings.

Olympic Village

Living area for the athletes participating in The Olympics. The houses range from two to six ﬂoors. A total of 30 Acres

Olympic area

Main Swimming Stadium, IOC Head quarters, Media village, Broadcasting Centre, Judo and Wrestling Arena, Main Security and Parking House. 25 Acres.

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Green areas

The main green areas are placed in the Olympic area to insure that the area will be used for recreation as well apart from the sporting events.

Plazas

There are several small plazas and one very large centrally placed between the village and the sporting events area.

Public Service

Doctors, daycare institutions, library, etc.

Offices and shops

Placed around the central trans-portation areas.

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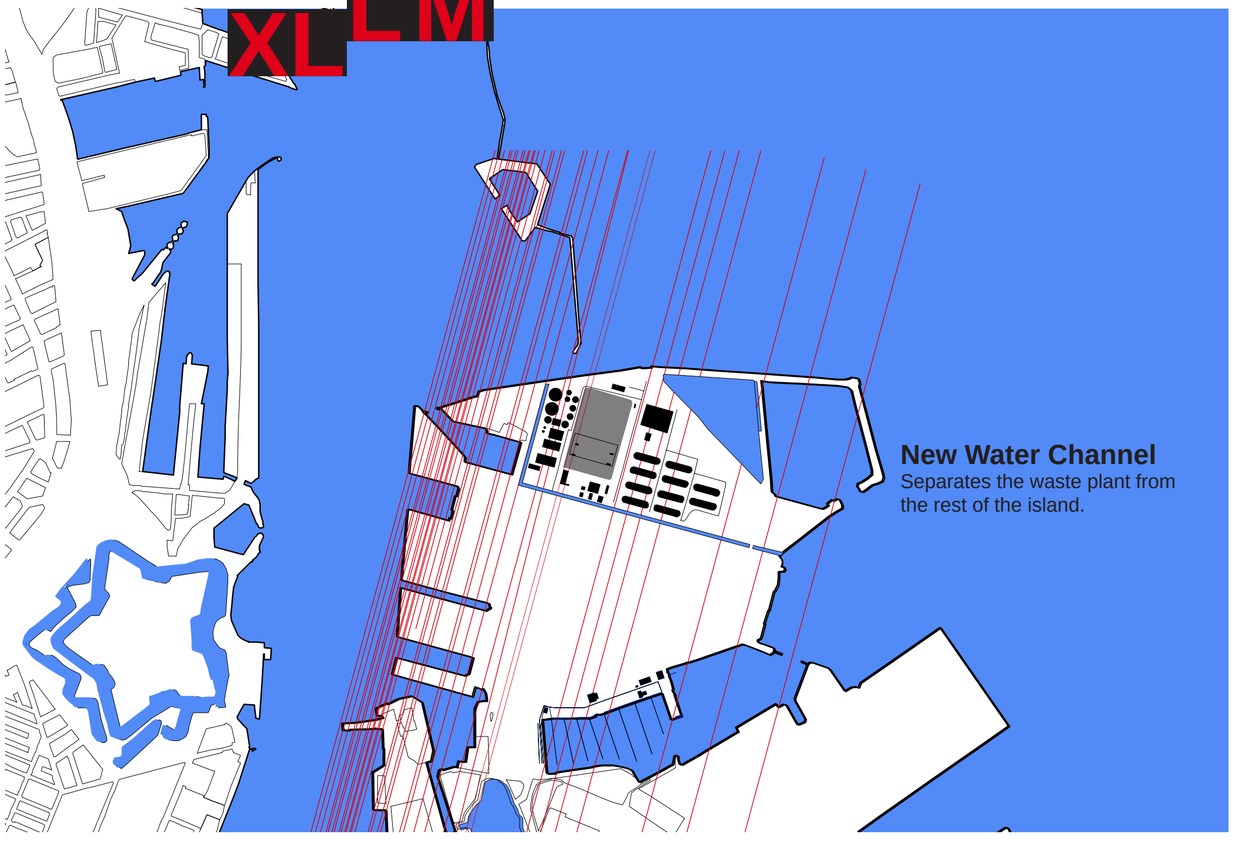
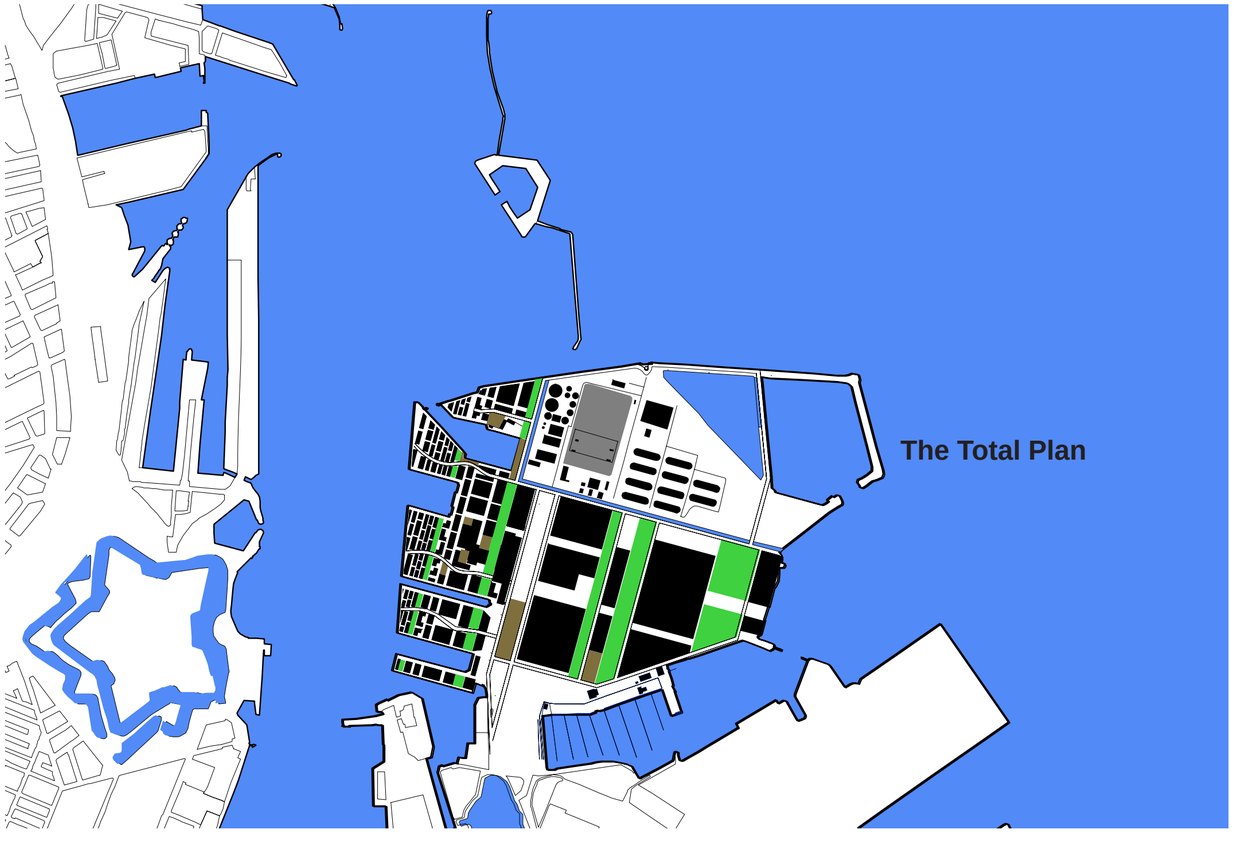
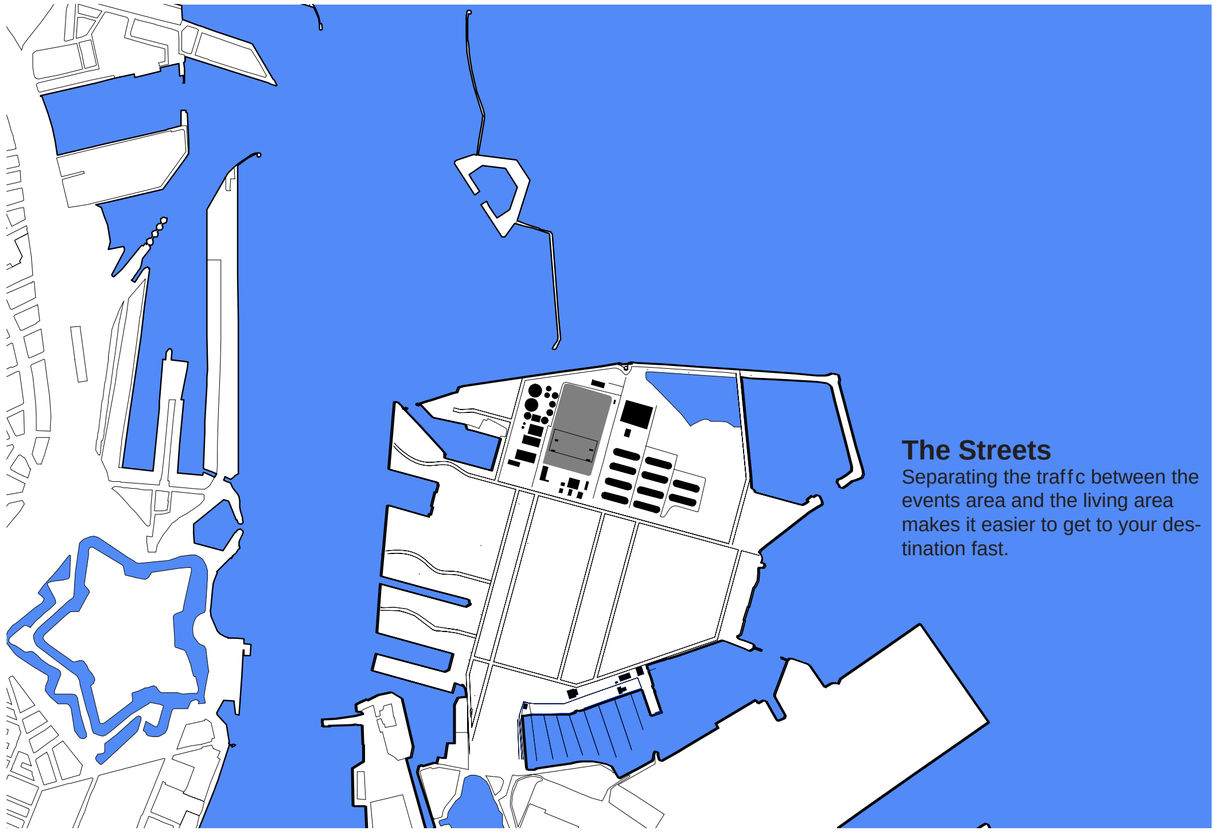


New Water Channel
Separates the waste plant from the rest of the island.



The Total Plan



The Streets
Separating the traffc between the events area and the living area makes it easier to get to your destination fast.

Focus area: Large
This is where I will zoom in on the following pages.

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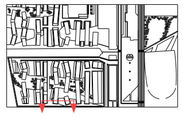
Detailed Space 1

Detailed Space 1 Plan 1:200



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Detailed Space 1 section1 1:200

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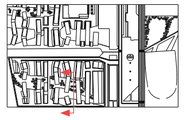

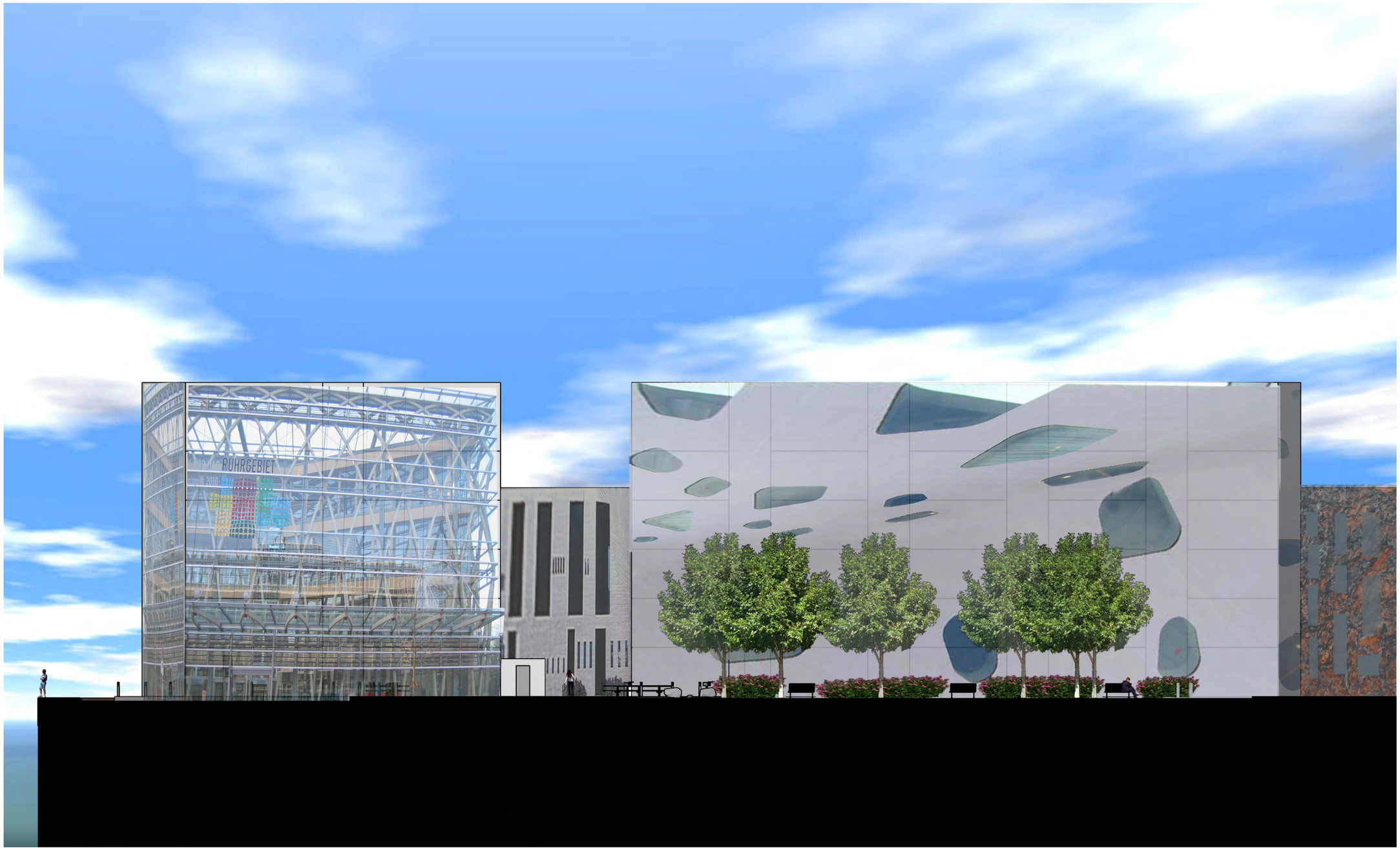

Detail 1 section 1:200

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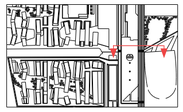
Detailed Space 2

Detailed Space 2 Plan 1:200



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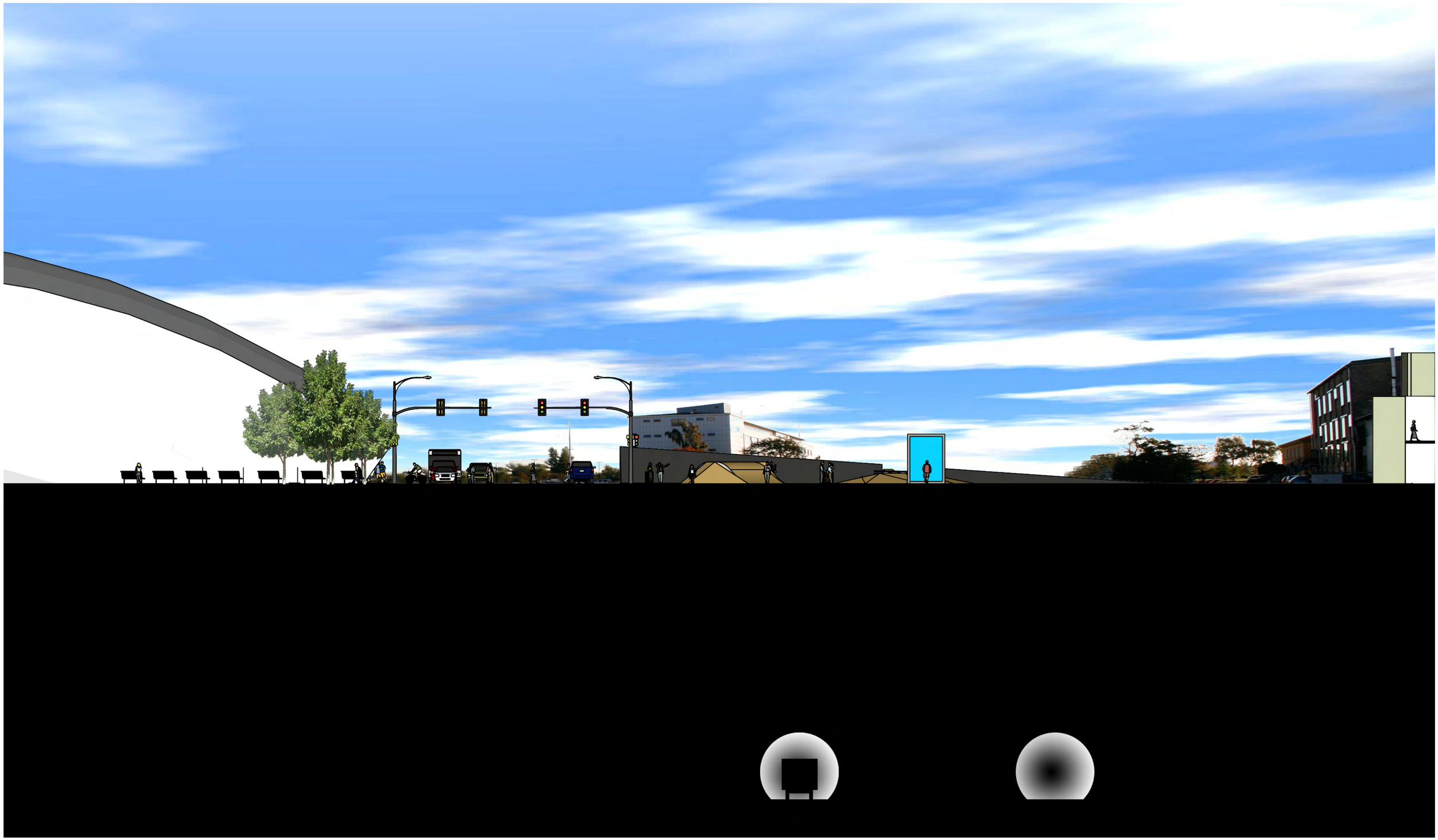

Detailed Space 2 section 1:200

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Visualisation from Detailed space 2

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