

INTERWOVEN

A word cloud of Swedish words related to a hospital. The words are arranged in a roughly circular pattern. The largest word is 'NATUR', oriented vertically. Other prominent words include 'omsorg', 'SNÖ', 'skidor', 'sjö', 'grönska', 'landmärke', 'centrum', 'ledsen', 'glad', 'akut', 'funktioner', and 'miljö'.

ISSUES IN ÖSTERSUND HOSPITAL TODAY

Östersund hospital is the sole hospital in the vast expanses of the county of Jamtland. As viewed in the pictured map, Jamtland constitutes almost one fifth of Sweden's surface area. Hence, the hospital plays an important role in the county and is in need of redevelopment.

Following a site visit to Östersund hospital and discussion with the clients, we identify the main issues to be addressed as:

- i. Improved wayfinding within the hospital for staff and visitors,
- ii. A new and improved high technology floor,
- iii. Efficient access and vehicular flow to the emergency unit.



Sole hospital in Jämtland



i. Wayfinding



ii. High Technology Floor



iii. Emergency

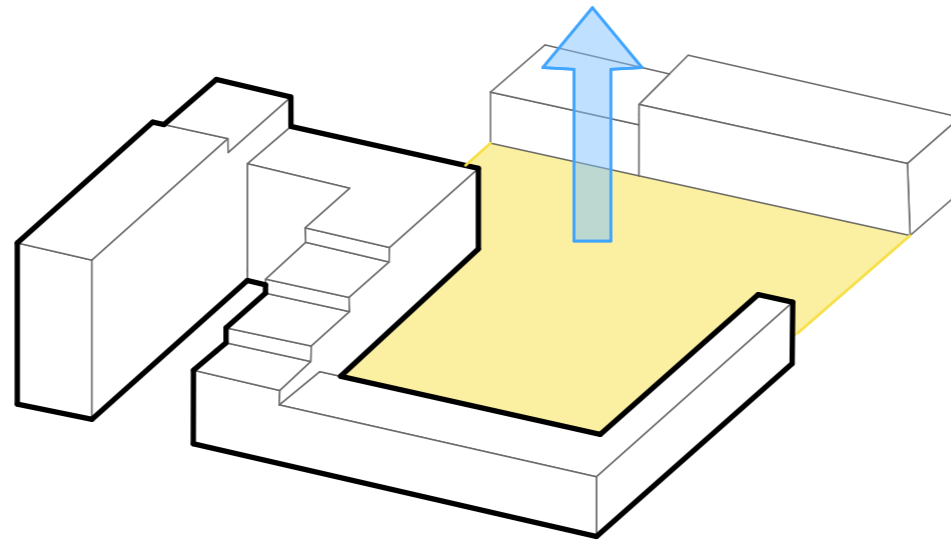
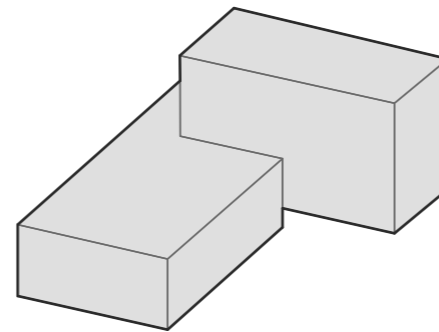
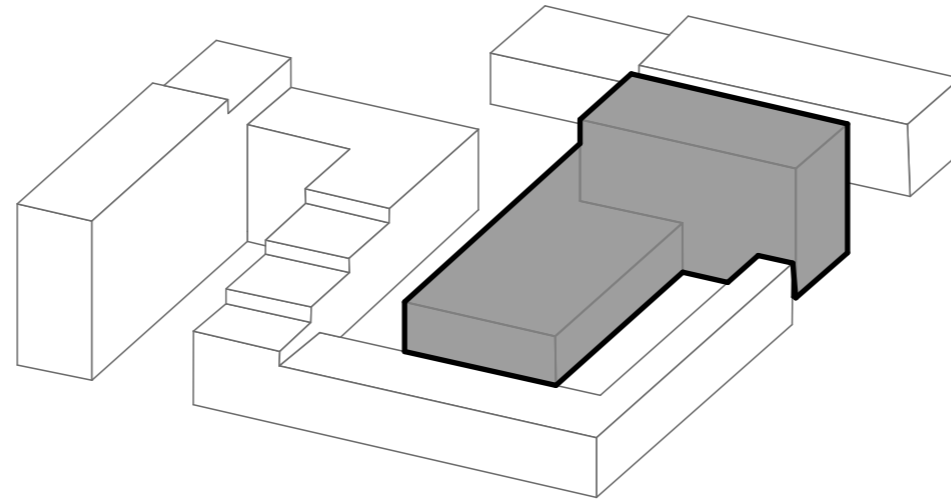
VISION FOR ÖSTERSUND HOSPITAL IN THE FUTURE

As a result of lectures and readings, we are able to define themes that we would like to include within our proposal. The first theme is to interweave nature in to our building to help create a healing environment. This could be achieved through courtyards as well as prioritising views from wards out towards Östersund's own natural landscapes.

The second theme is to create a patient-focused environment where patient privacy is maintained but where they are also given freedom to participate in their own care. This involves close discussion with doctors as well as encouraging interaction with family to aid their healing process.

Currently, Östersund hospital has mixed flows of goods, patients and visitors which can lead to a lack of patient privacy and hygiene issues. Therefore, the third theme relates to separate and efficient flows which also allows for minimised distances between departments. Additionally, views to the outside aids wayfinding as visitors are able to orient themselves through direct views of the surrounding buildings. Corridors with views to nature also reduce the feeling of an enclosed environment, common in hospitals today.

An environmental consideration within our proposal is to work with the new buildings as an independent form in order to allow for possible demolition of the existing buildings in the future. This will not interrupt with new and proposed functions in the "S" shape. We also aim to work with a new column grid to accommodate for future flexibility to keep up with growth in the emergency and hot floor departments. In contrast, outpatients are kept within the existing buildings as trends reveal a decrease in outpatient departments.



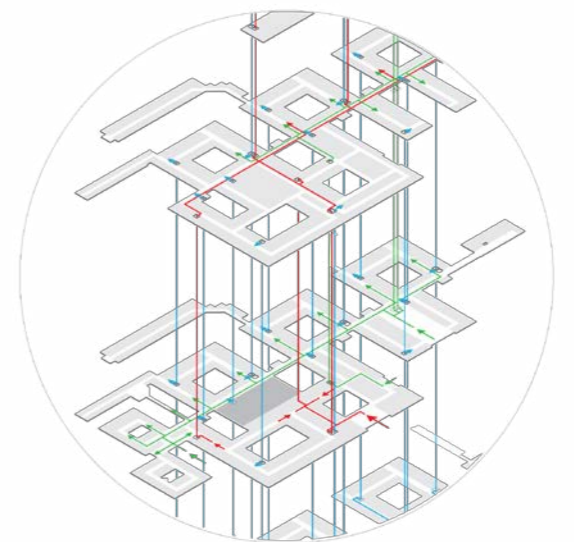
25 year plan: New and old buildings are independent from one another



Nature



Patient Focused

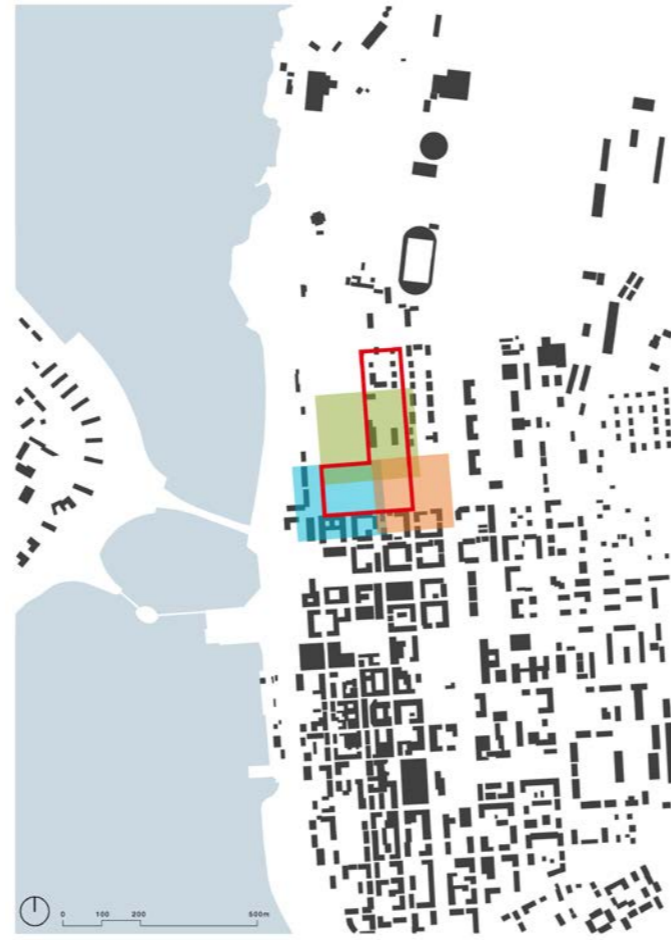


Separate and efficient flows

SITE ANALYSIS



Site Between Grids and Green Spaces

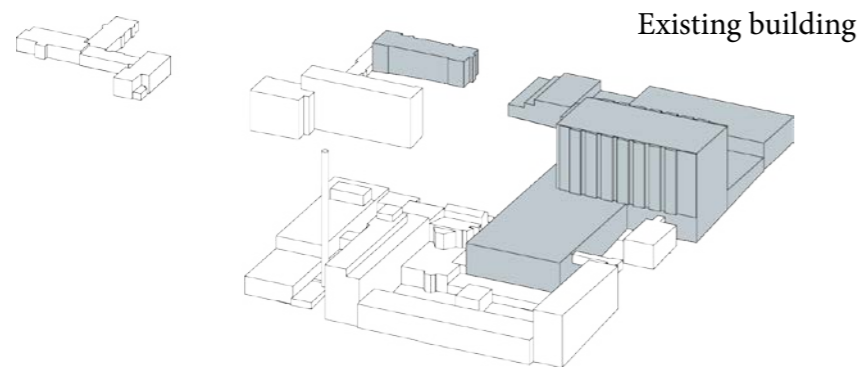


Three Potential Zones **URBAN** **VIEWS** **NATURE**

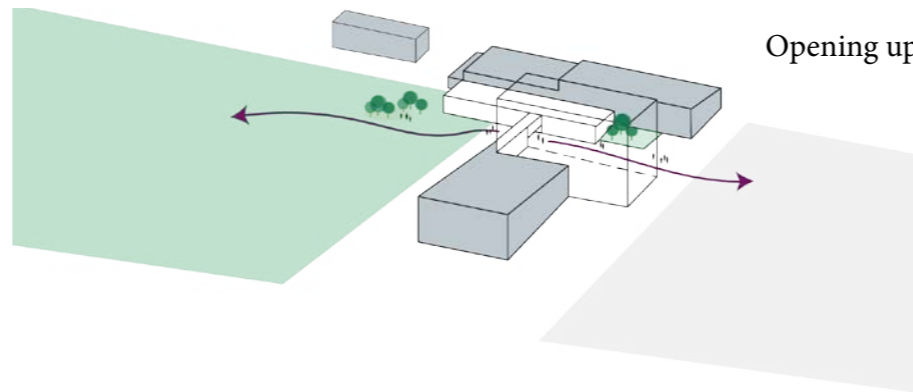


Pedestrian & Ambulance Access

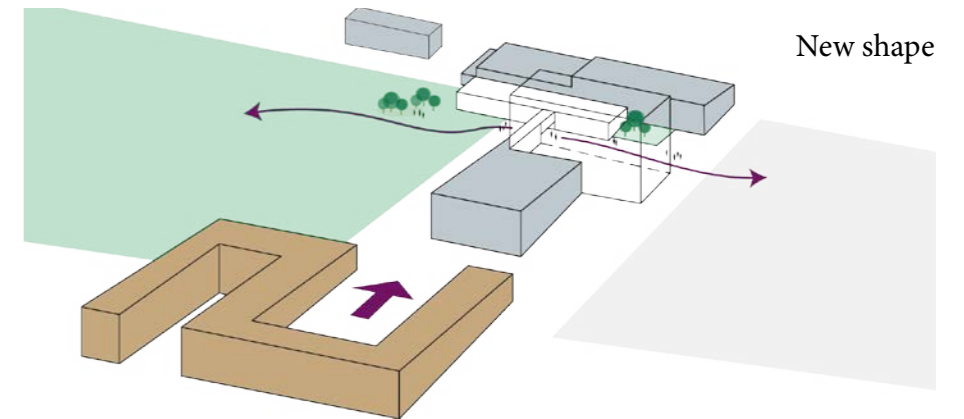
SHAPE DEVELOPMENT



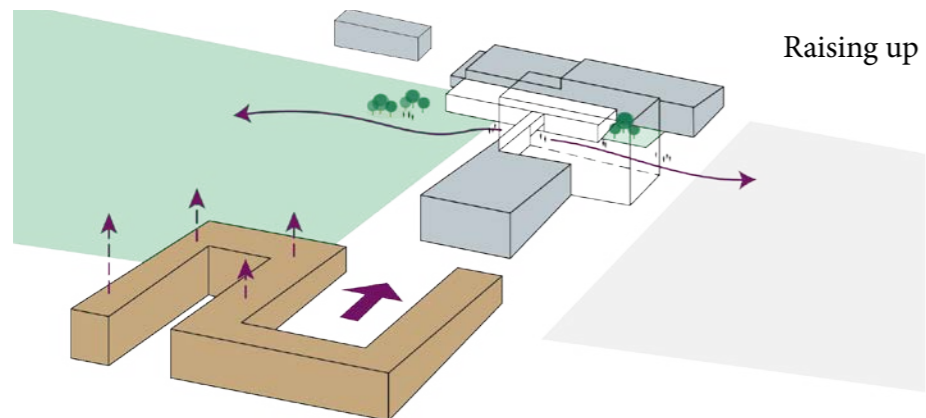
Existing building



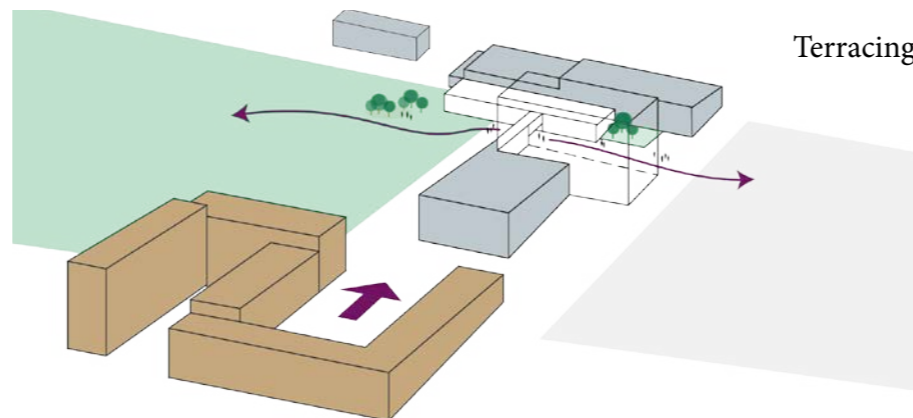
Opening up



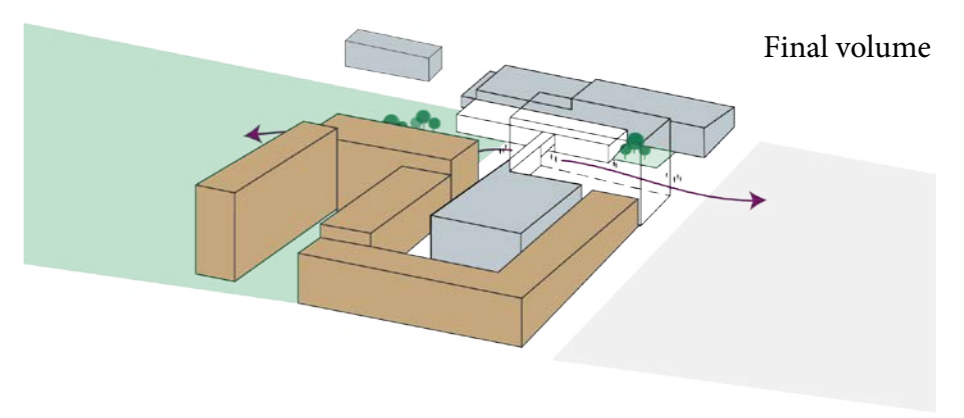
New shape



Raising up

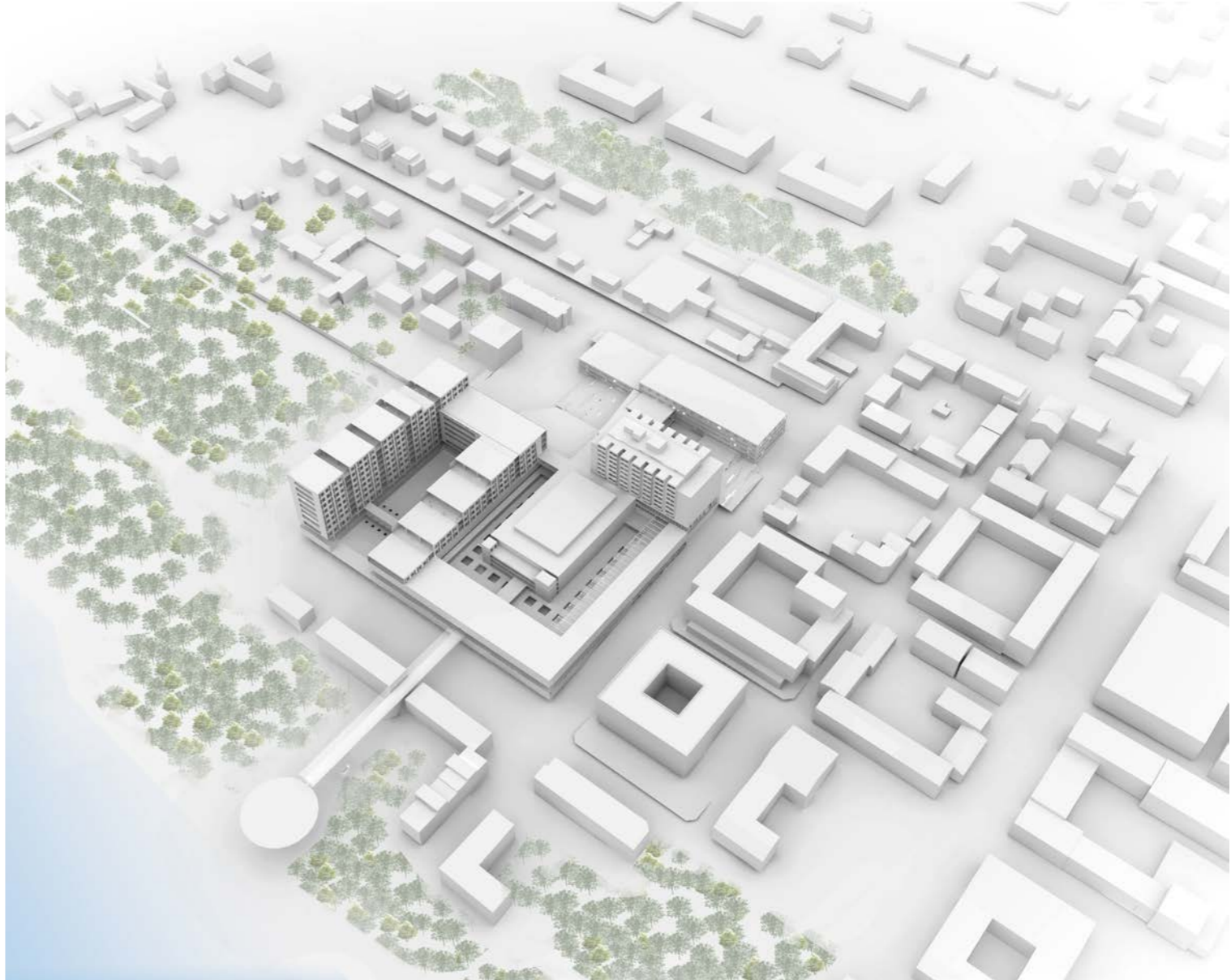
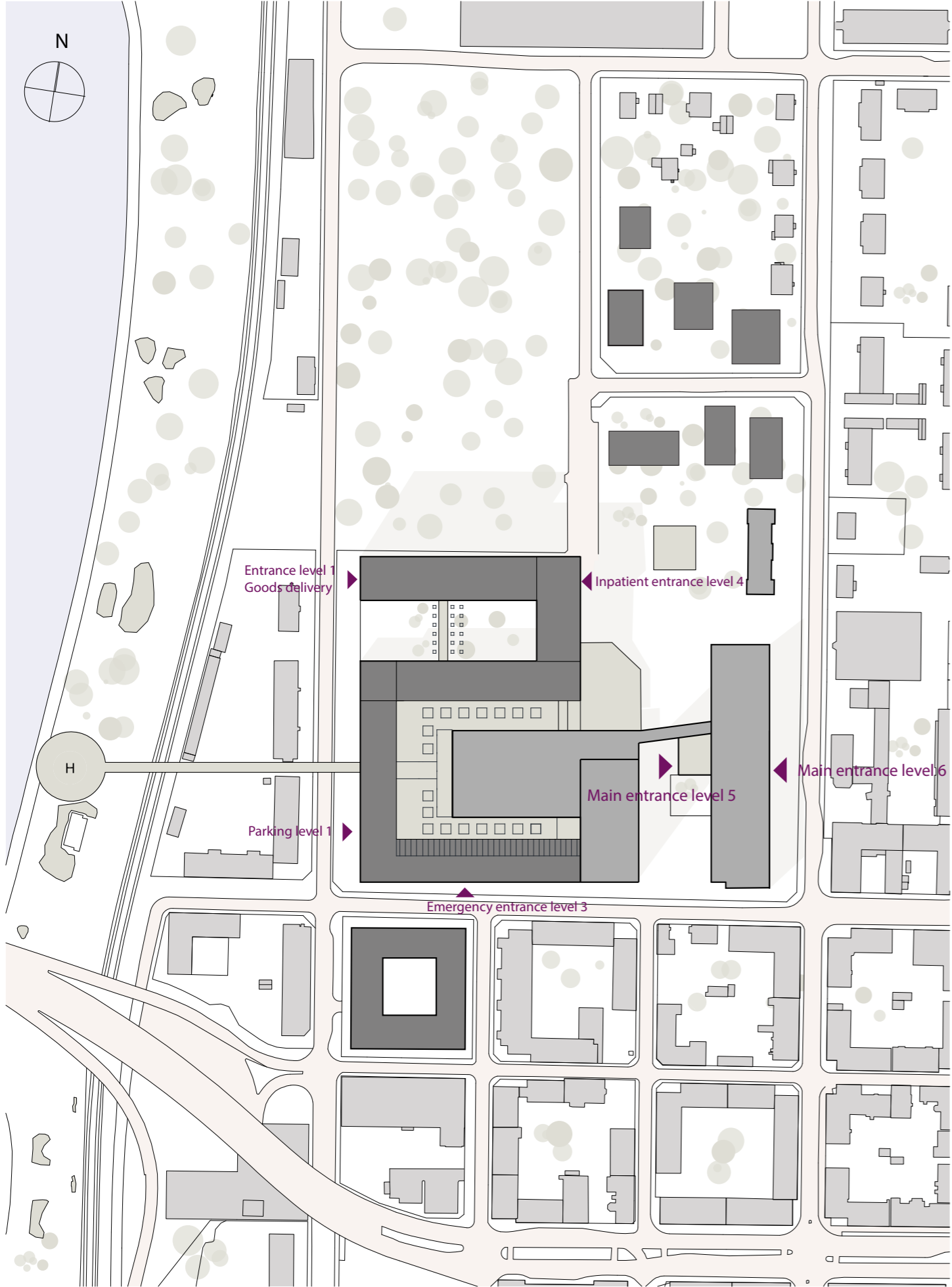


Terracing



Final volume

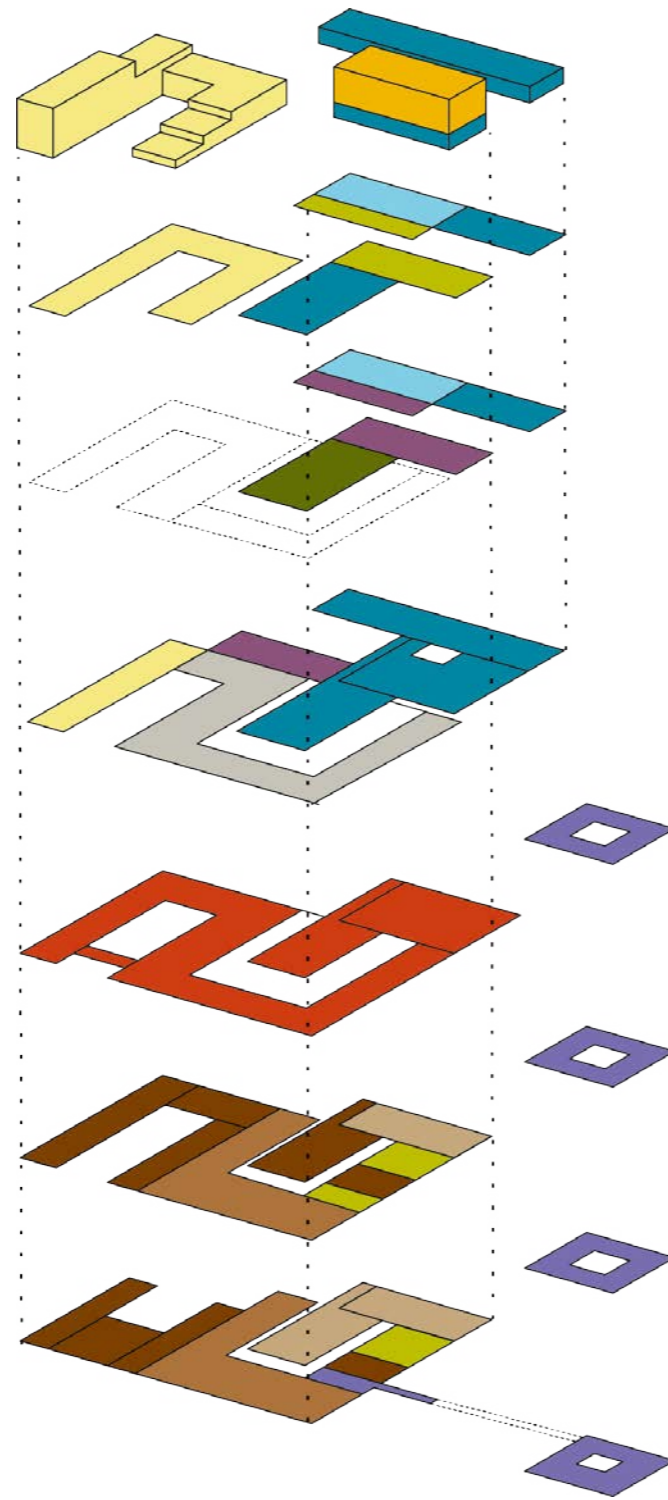
SITE PLAN



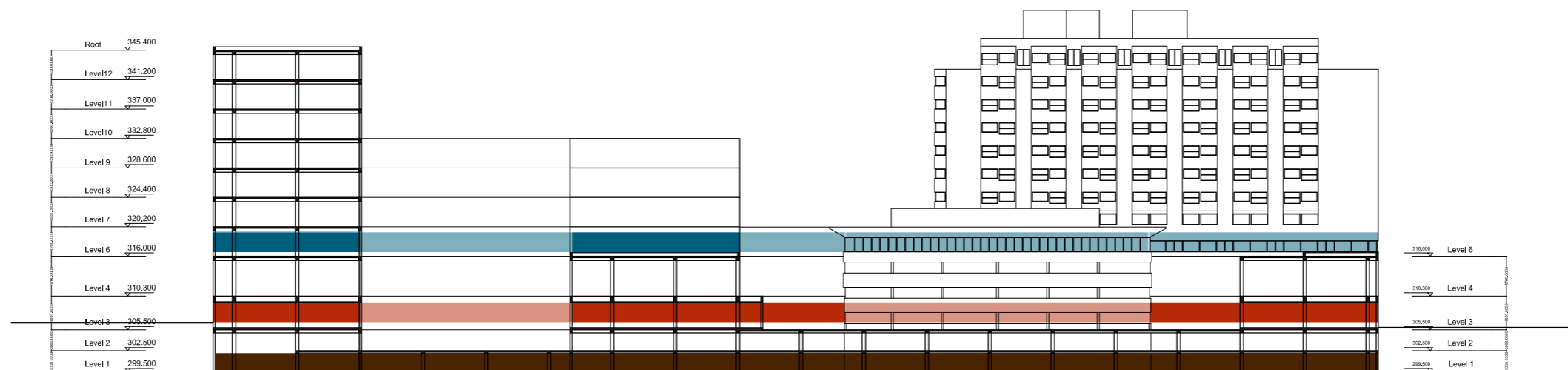
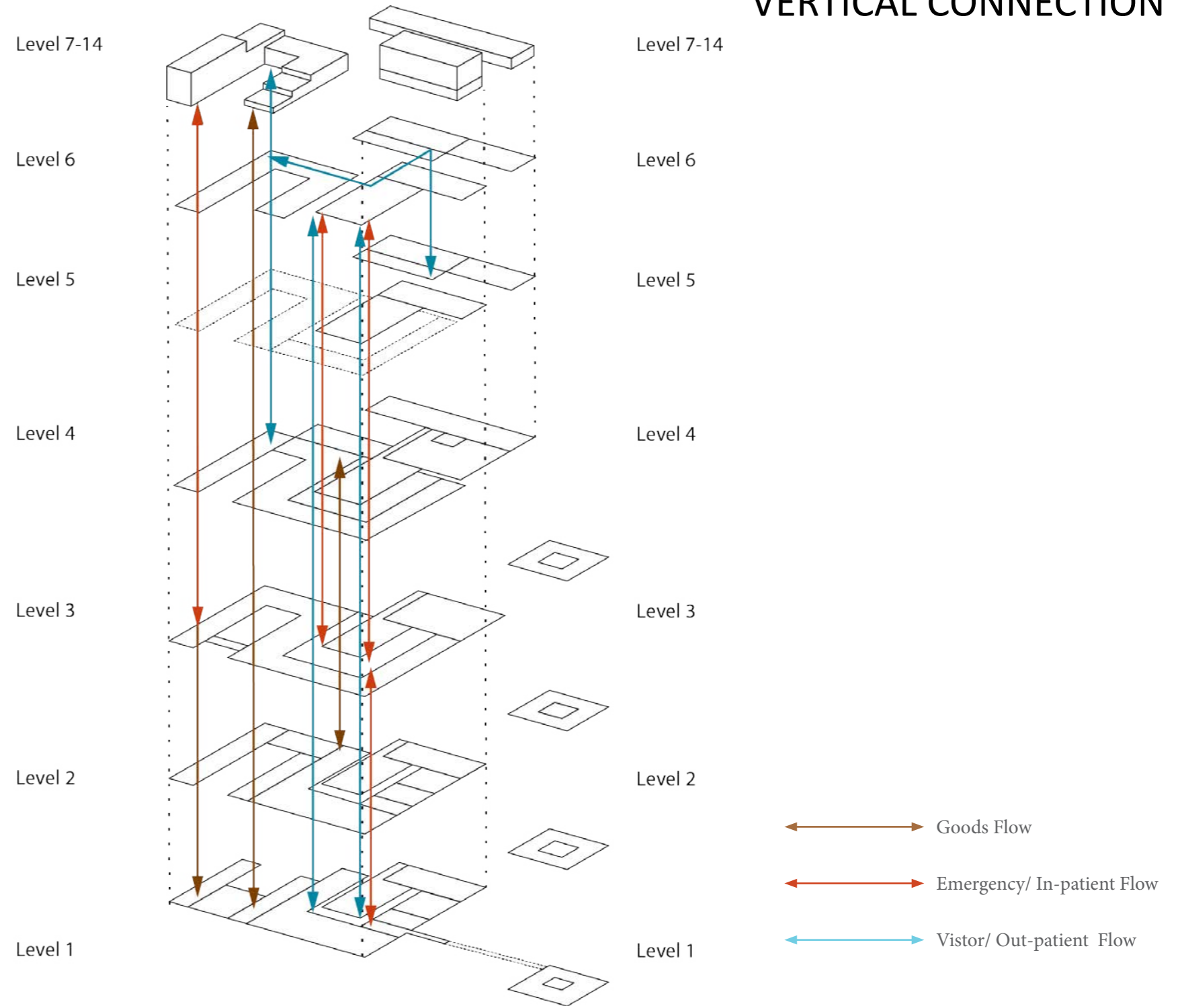
Proposal in context

FUNCTIONAL LAYOUT

- Public space
- Inpatient
- Hot floor
- Outpatient
- Primary care
- Technic
- Logistic, Kitchen, Sterilisation
- Infection
- Administration, Education and Research
- Lab
- Patient hotel
- Parking
- Construction

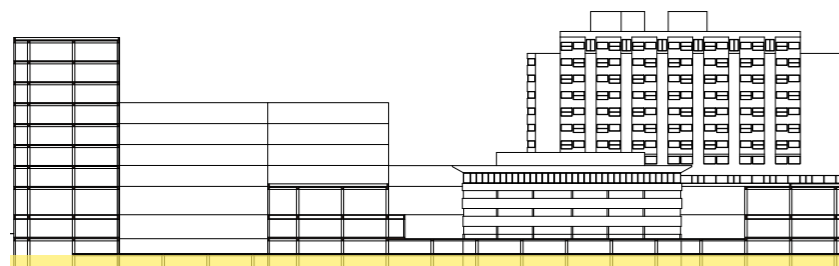
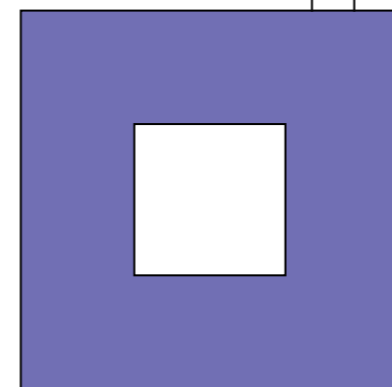
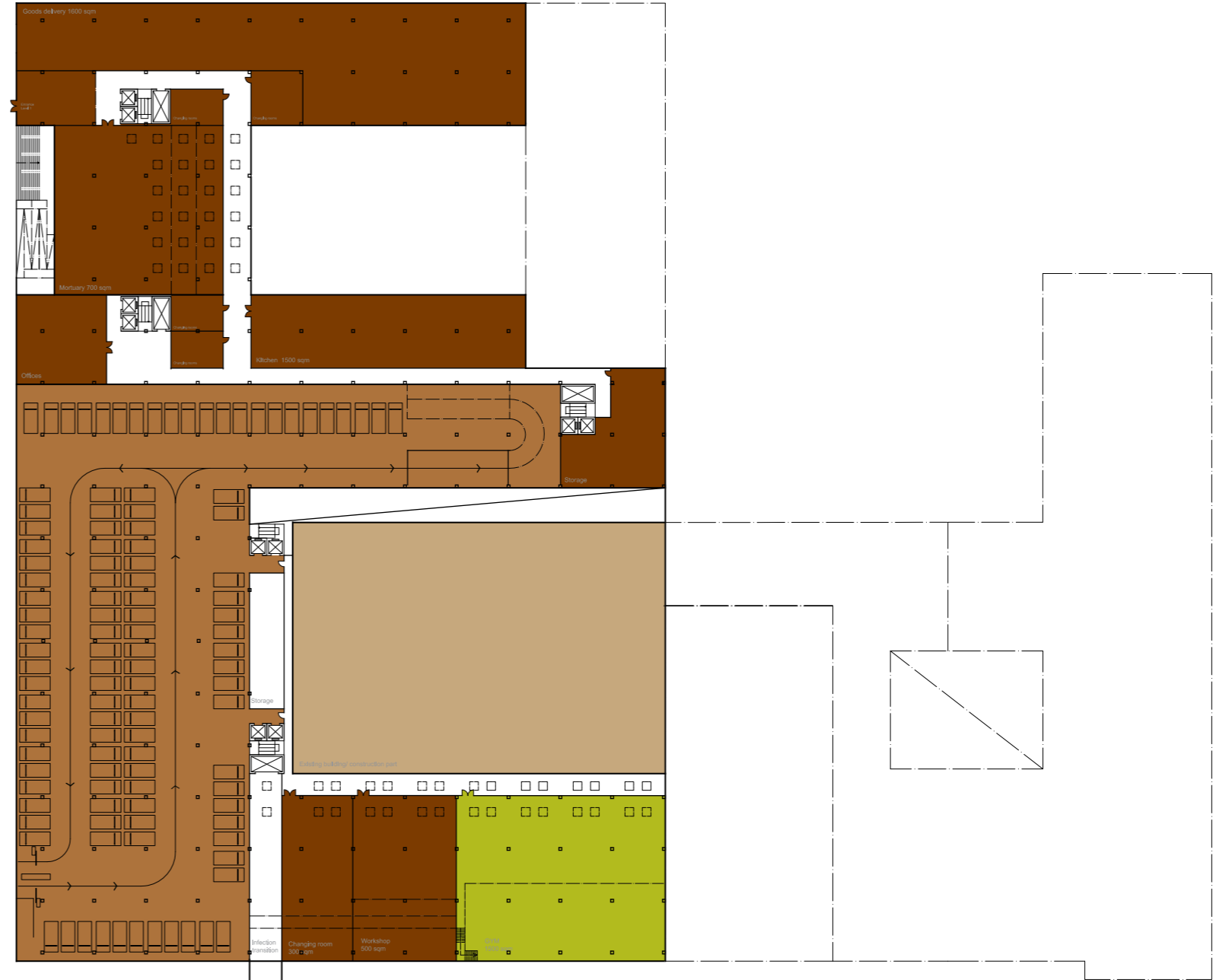


VERTICAL CONNECTION



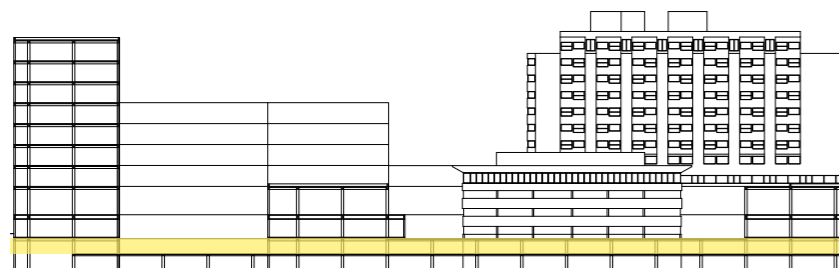
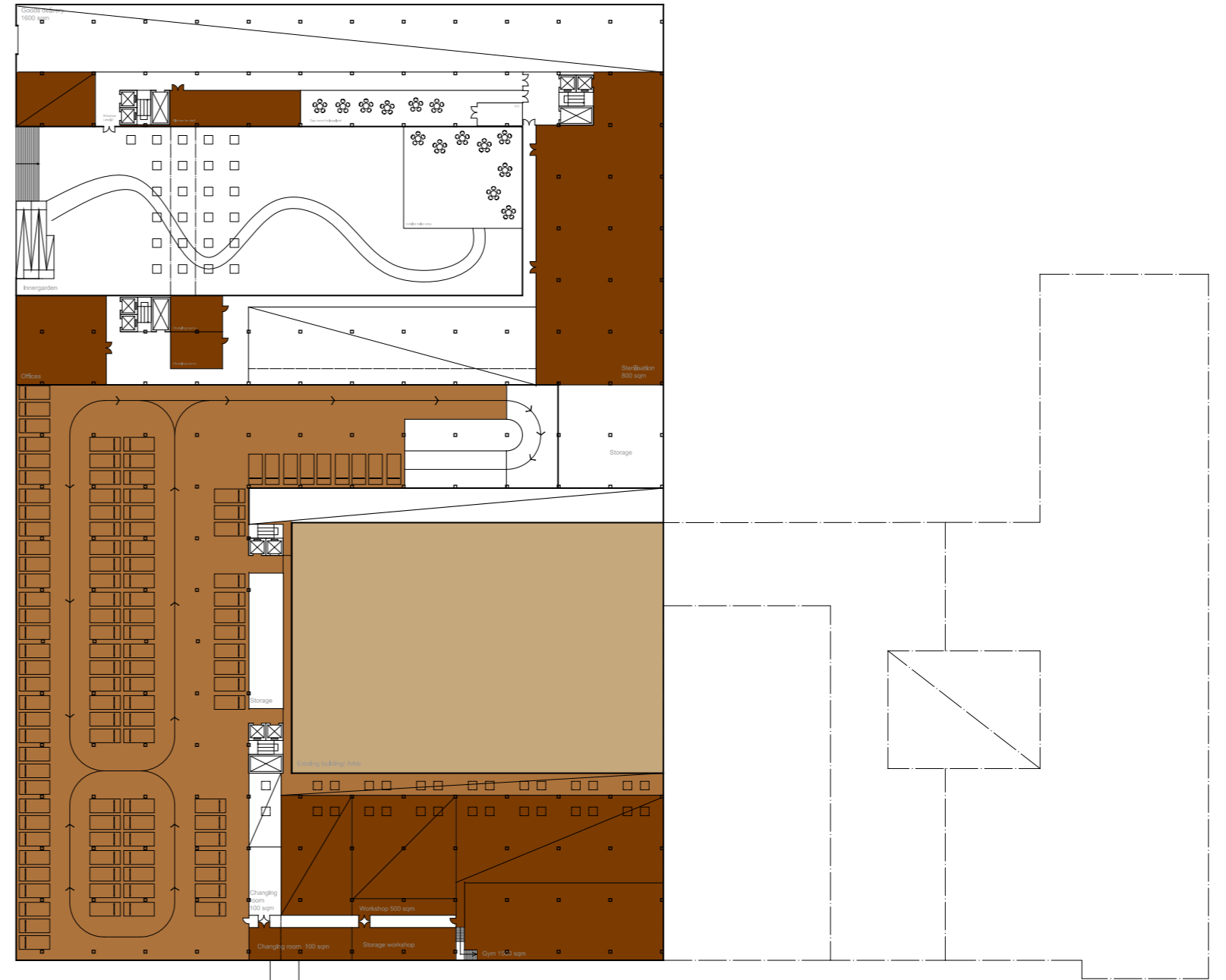
LEVEL 1

- Logistic, Kitchen, Sterilisation
- Infection
- Gym
- Parking
- Construction



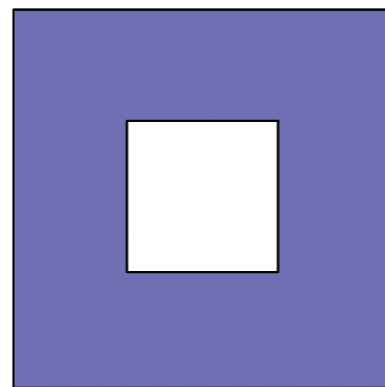
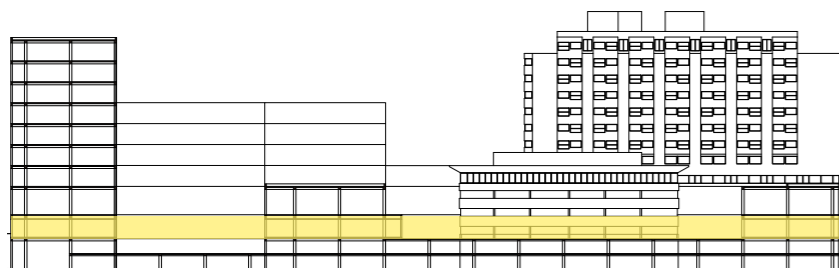
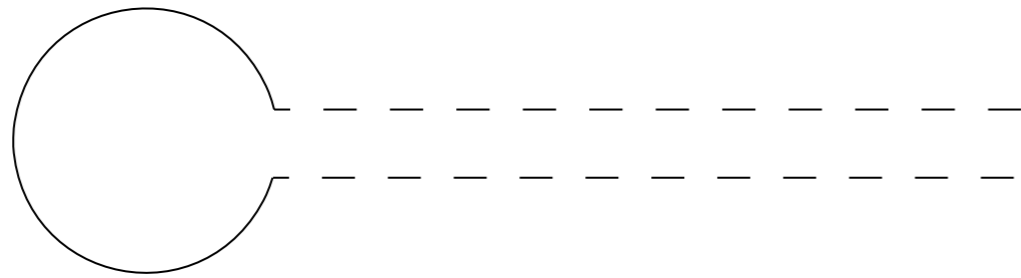
LEVEL 2

- Logistic, Kitchen, Sterilisation
- Infection
- Parking
- Construction



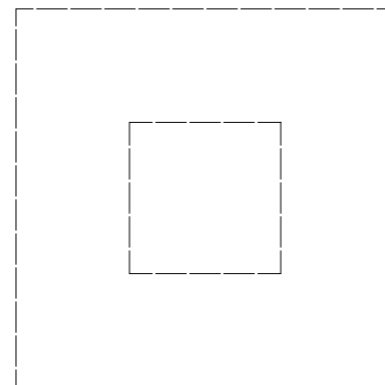
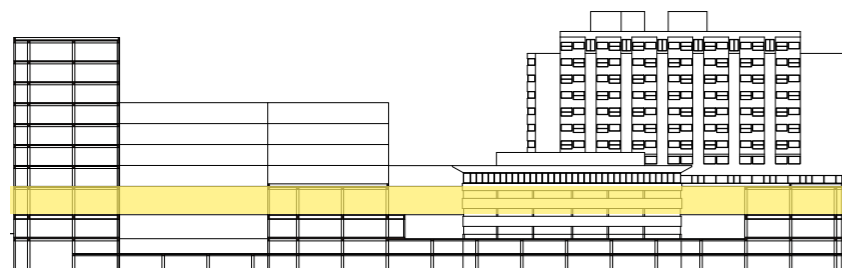
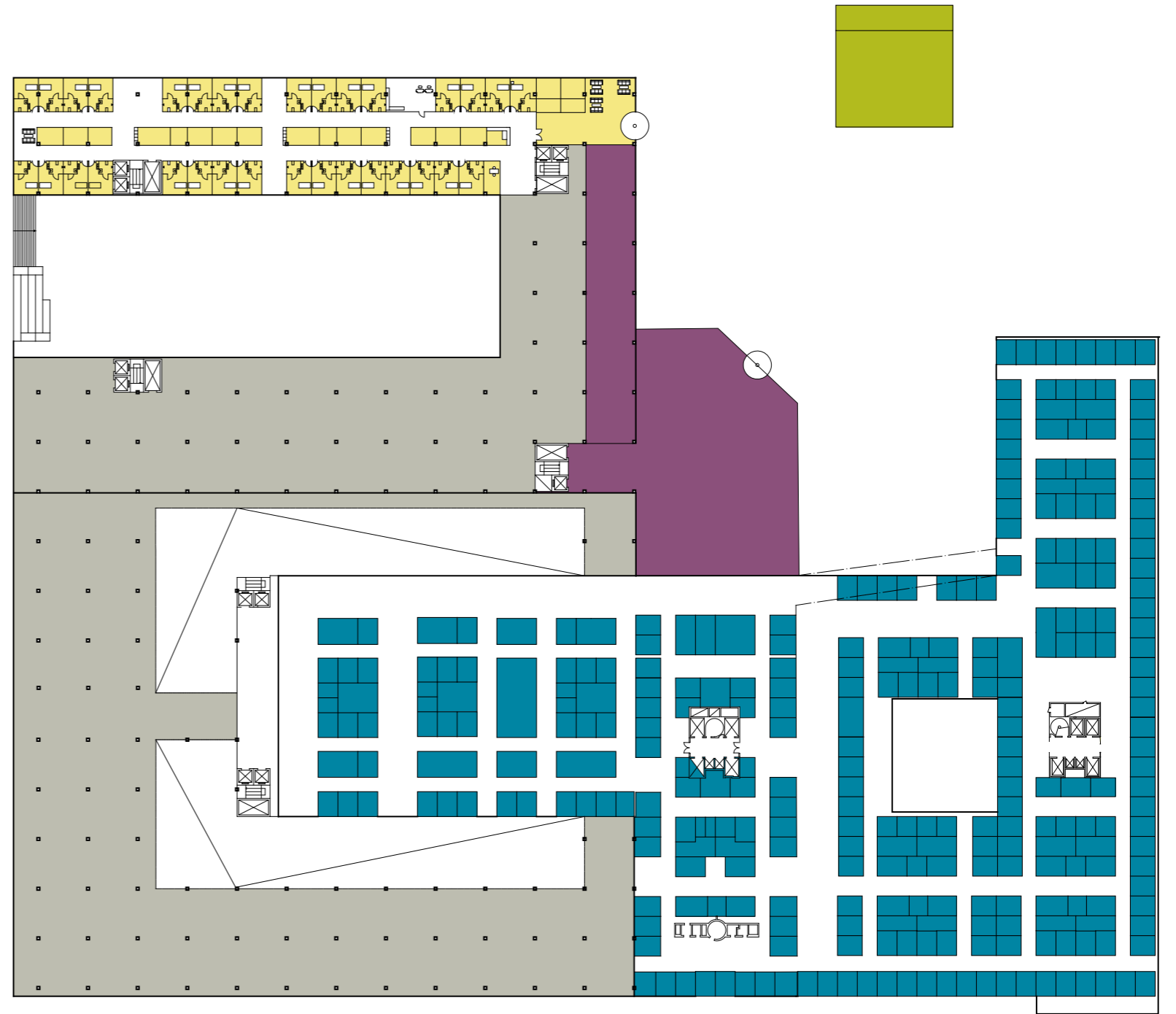
LEVEL 3

- Hot floor
- Infection



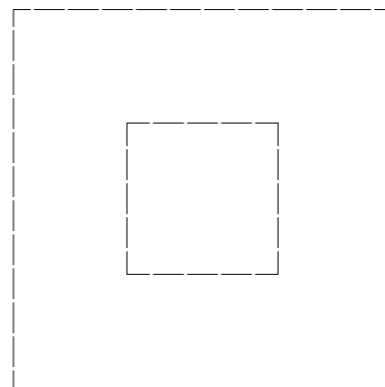
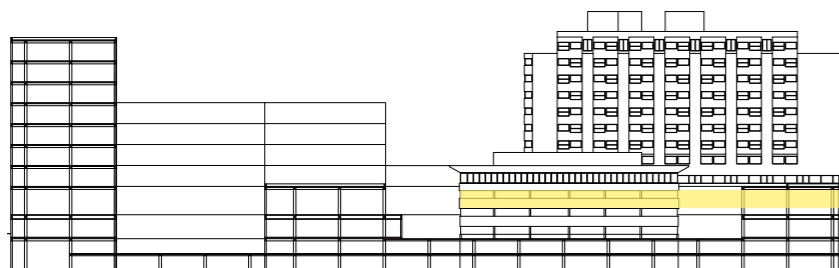
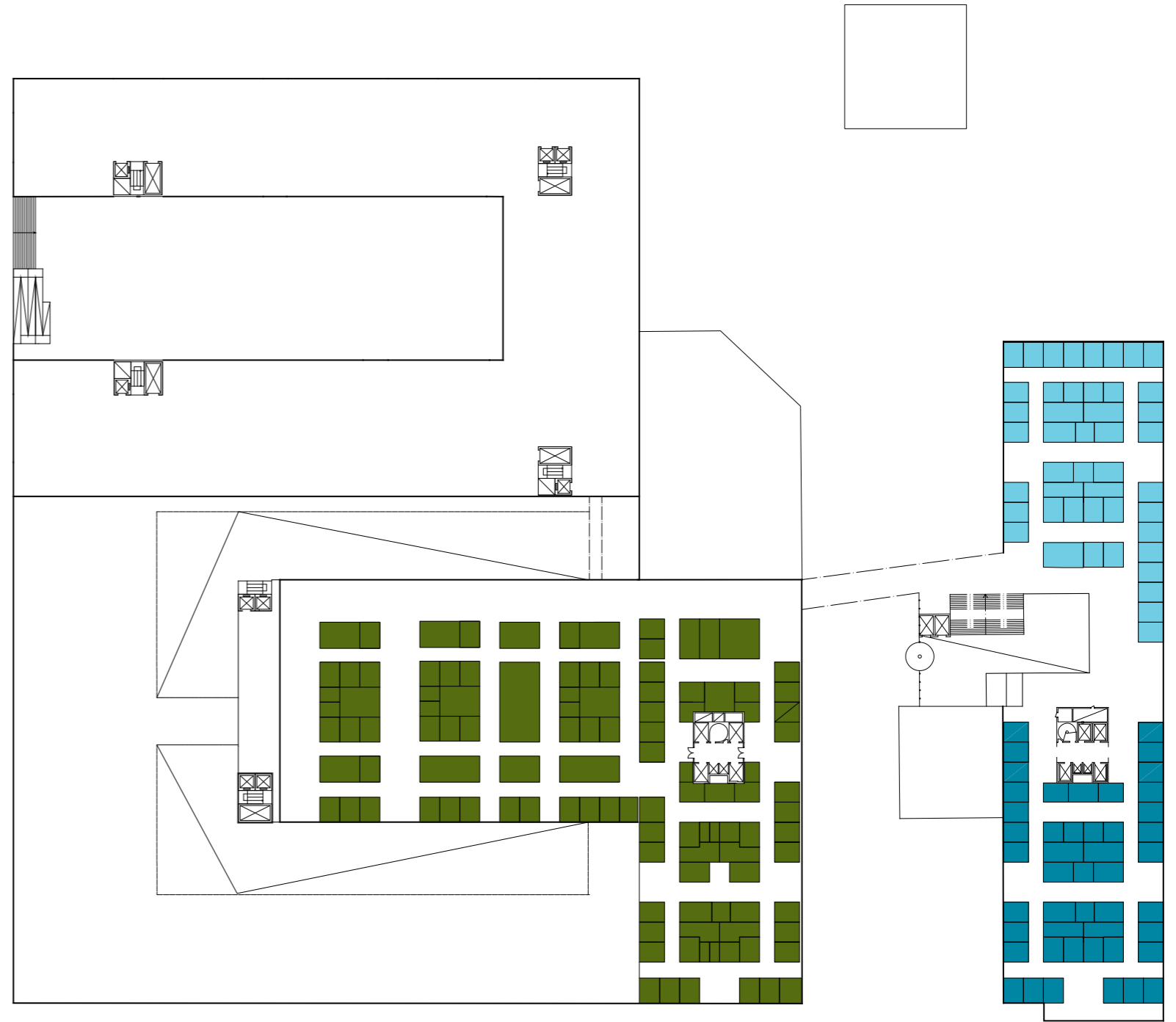
LEVEL 4

- Canteen
- Inpatient
- Outpatient
- Administration, Education and Research



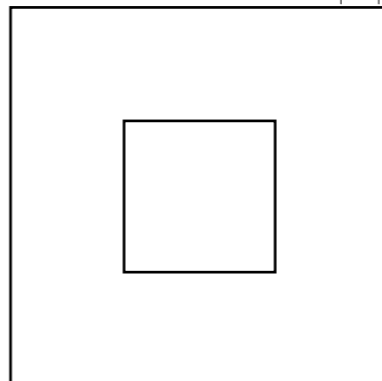
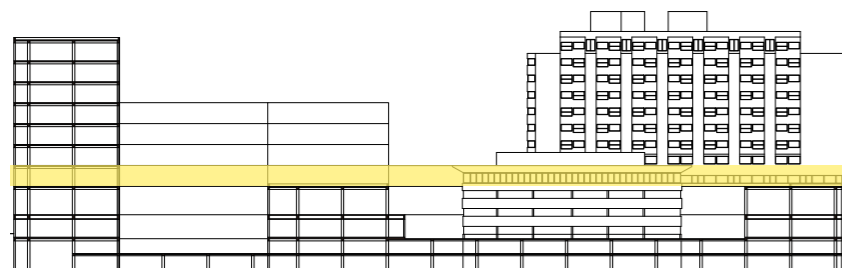
LEVEL 5

- Outpatient
- Primary care
- Lab



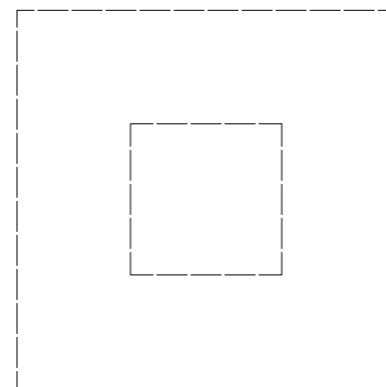
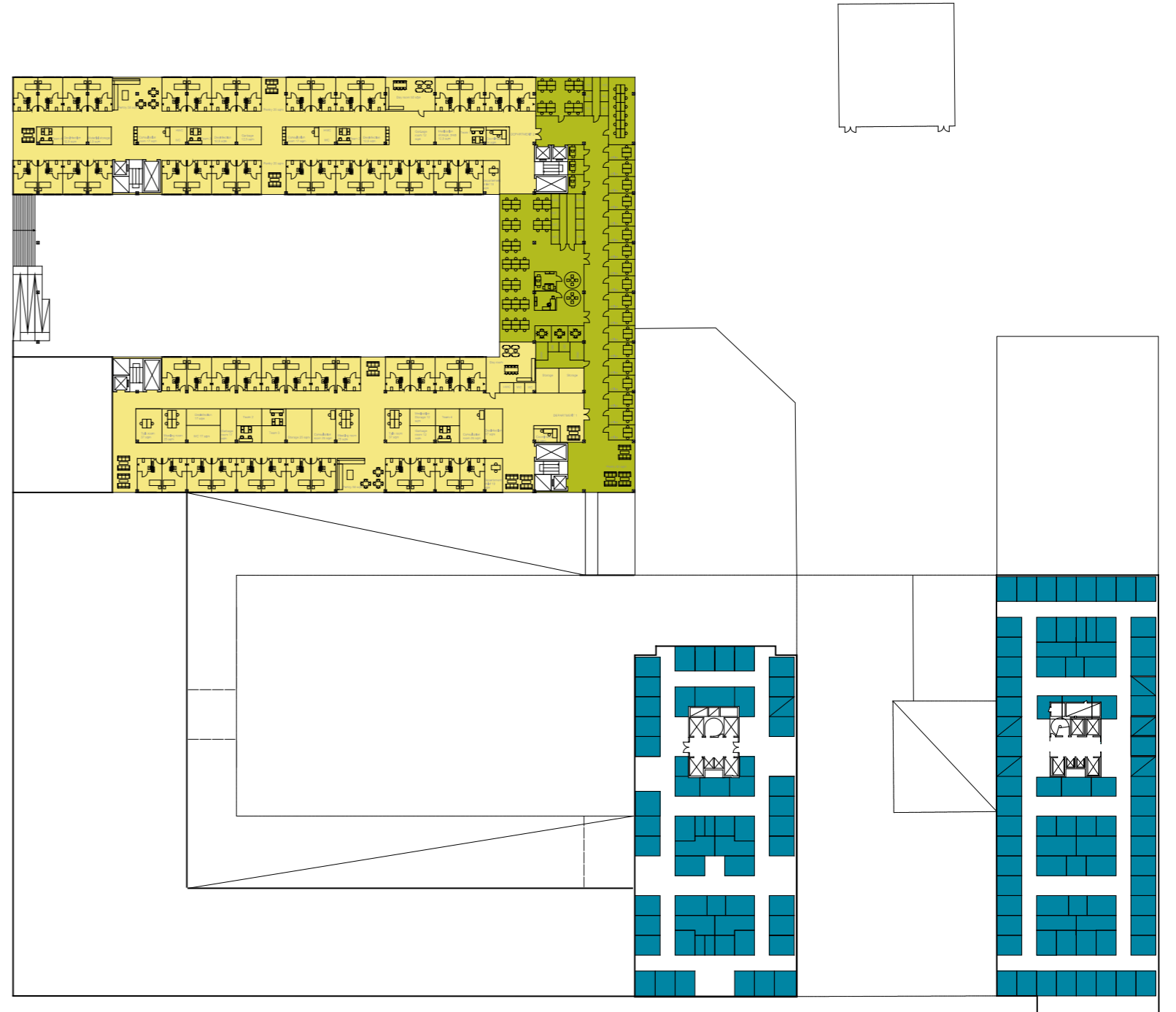
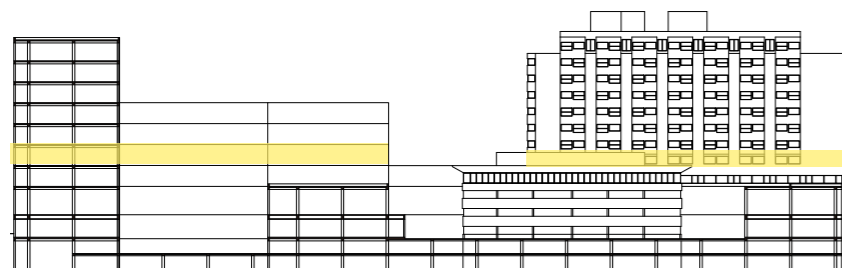
LEVEL 6

- Canteen
- Inpatient
- Outpatient
- Primary care
- Administration, Education and Research



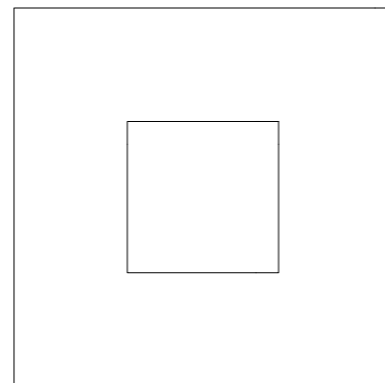
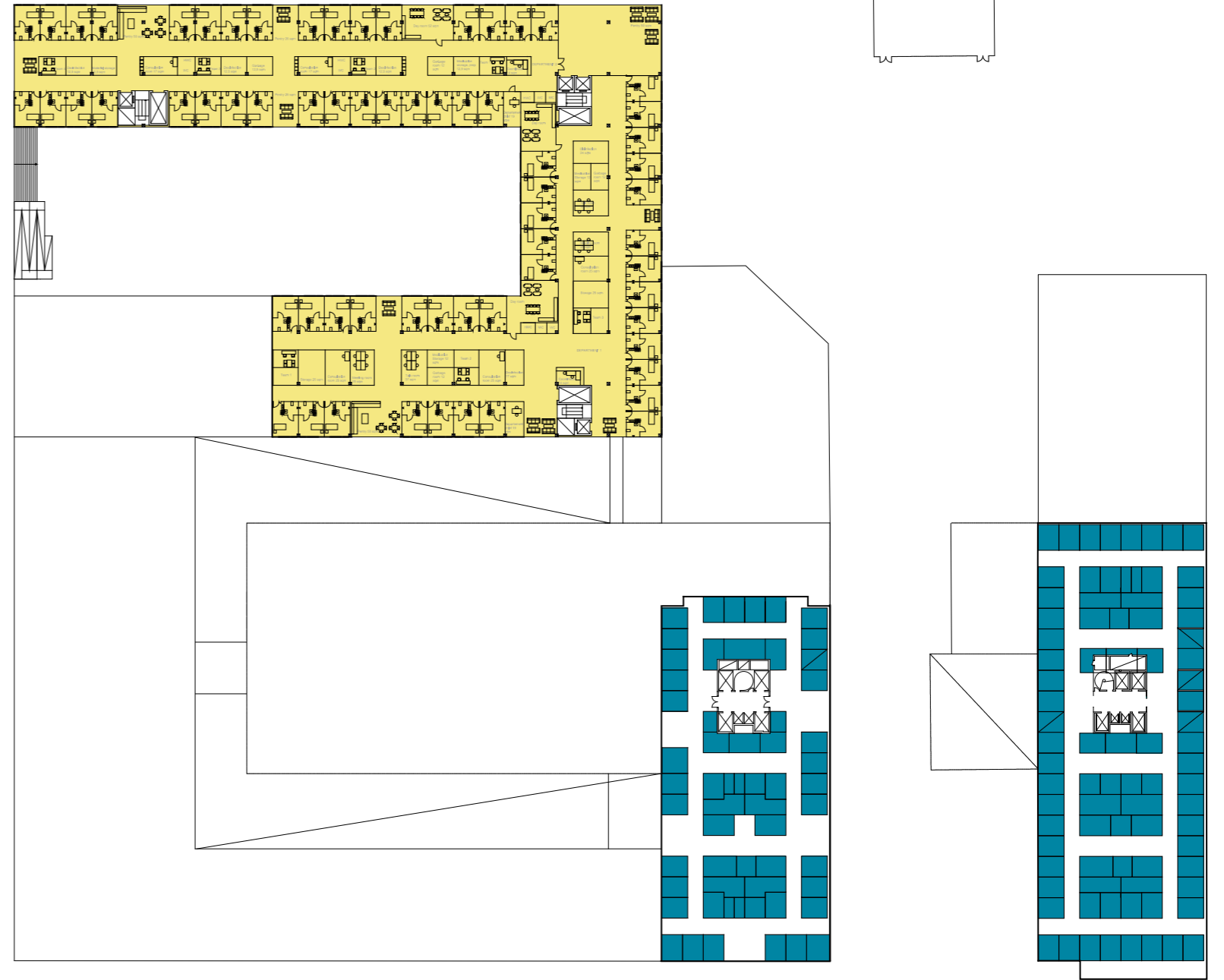
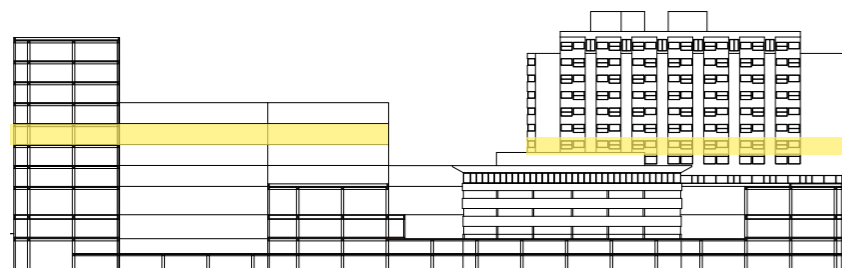
LEVEL 7

- Inpatient
- Outpatient
- Primary care
- Administration, Education and Research

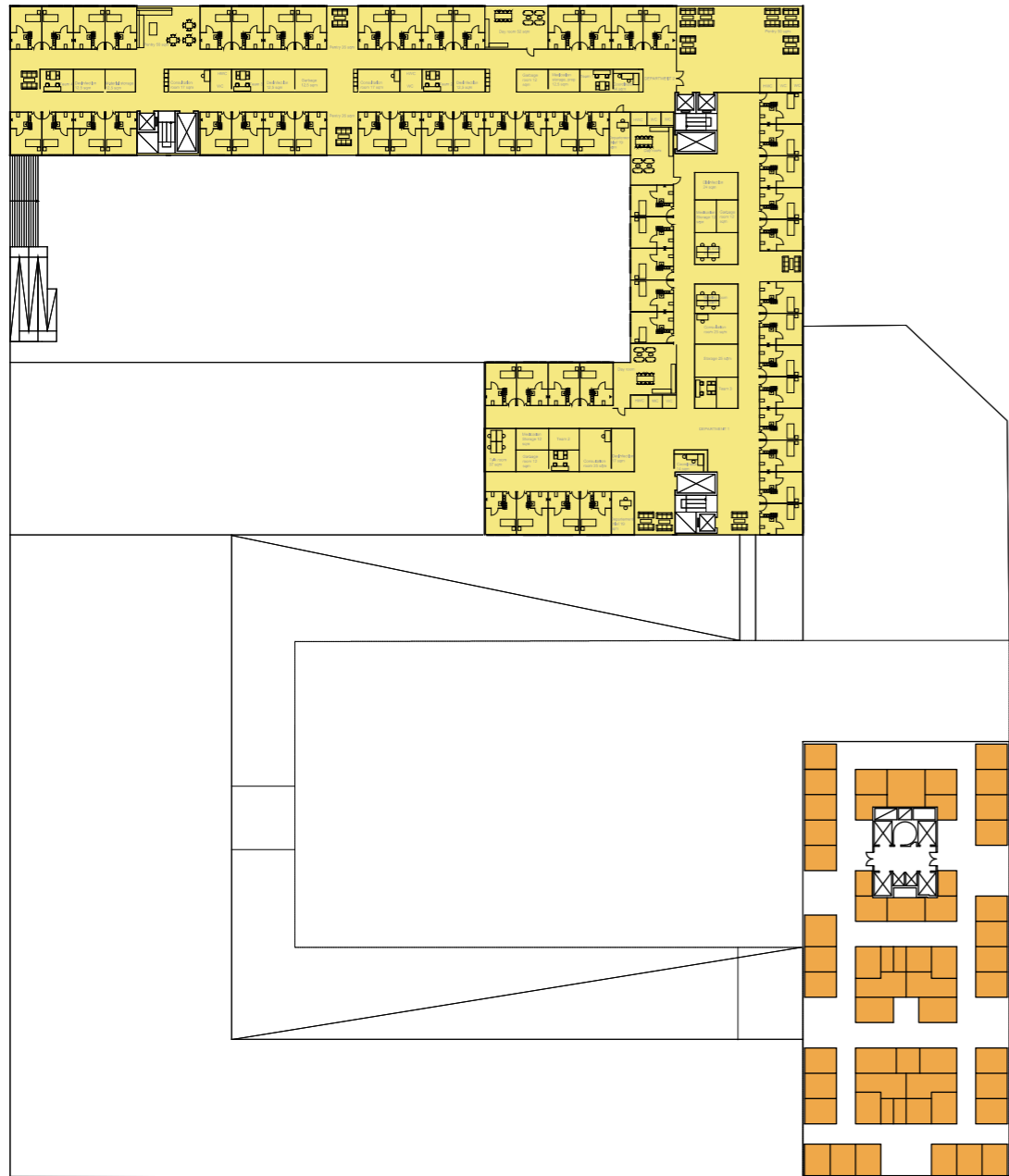


LEVEL 8

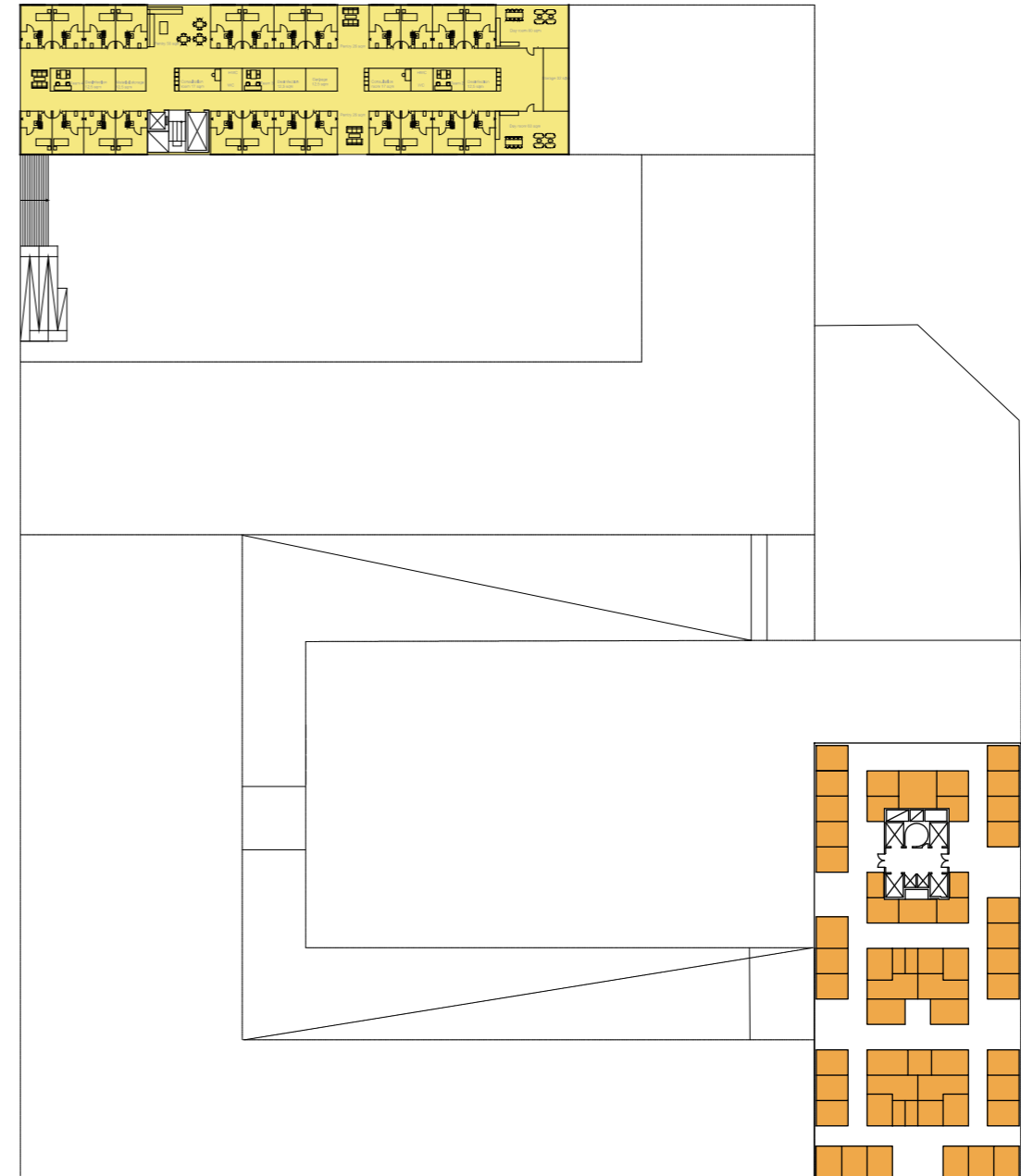
- Inpatient
- Outpatient
- Primary care
- Administration, Education and Research



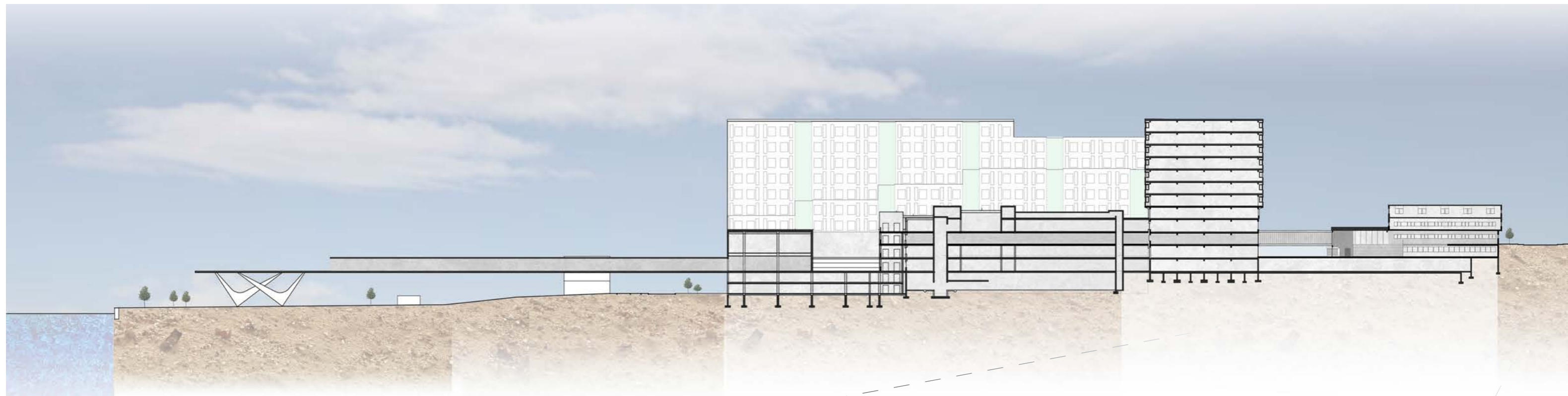
LEVEL 9 - 11



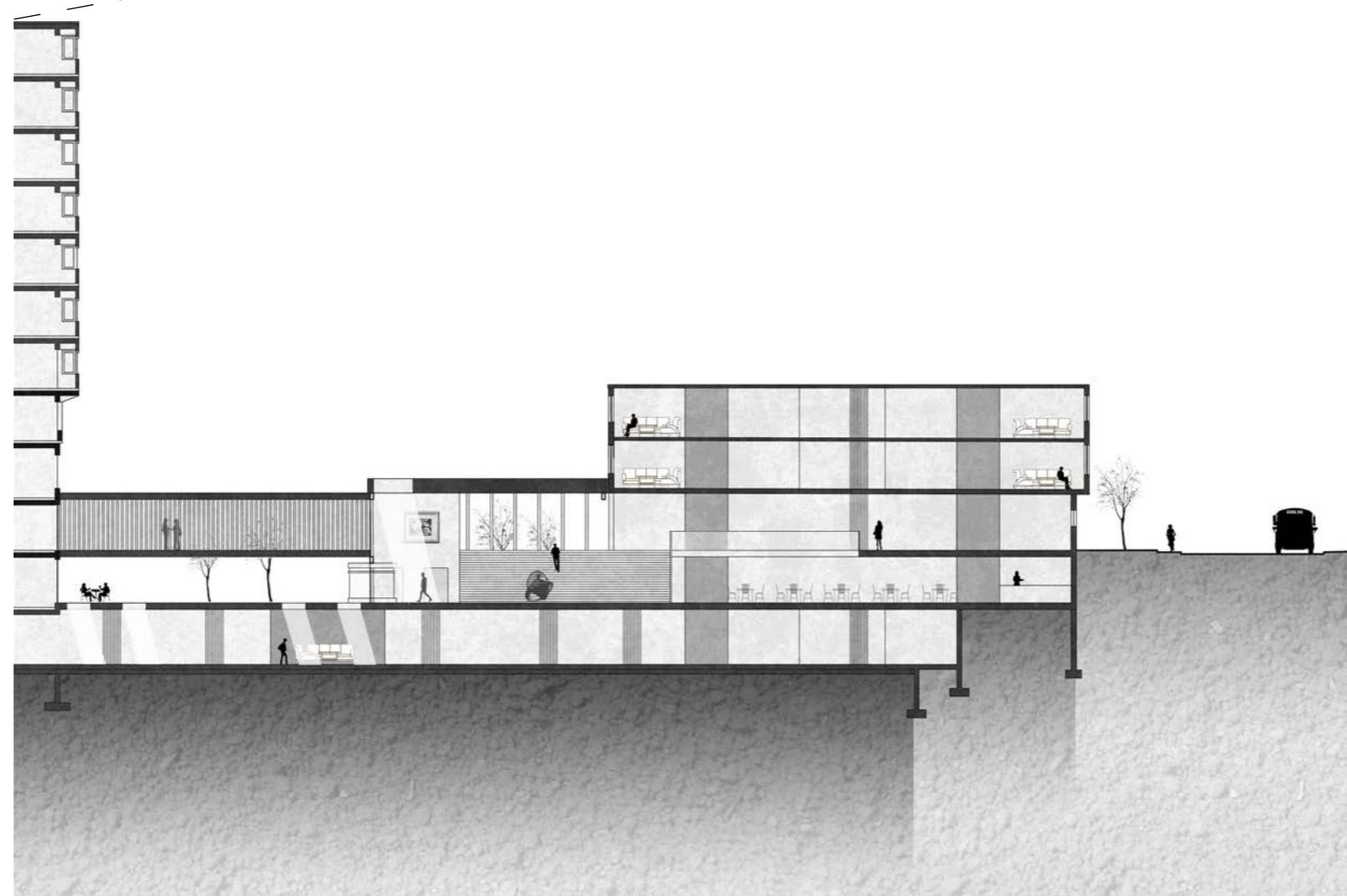
LEVEL 12



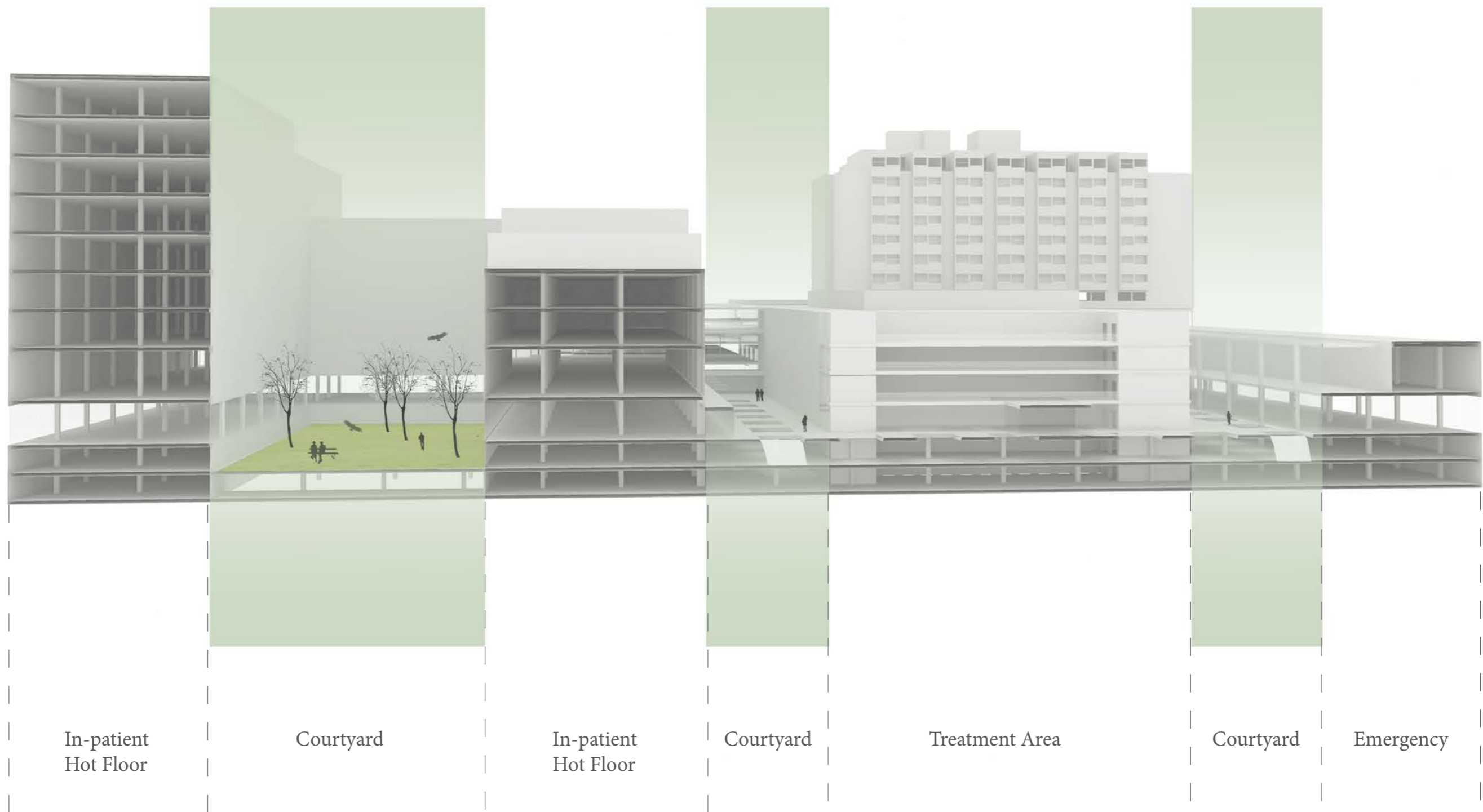
- Inpatient
- Patient hotel



LONGITUDINAL SECTION



ENTRANCE SECTION



In-patient
Hot Floor

Courtyard

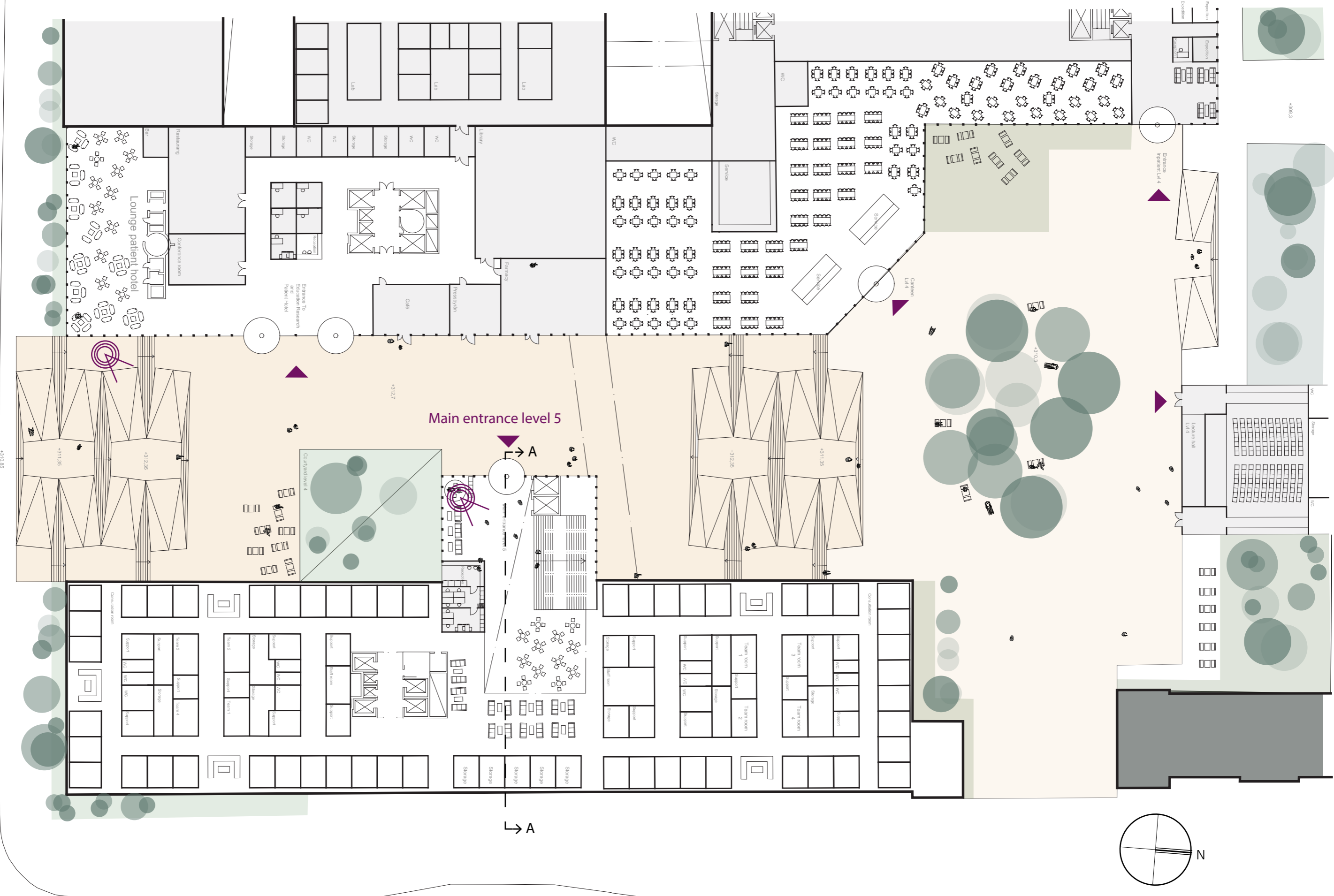
In-patient
Hot Floor

Courtyard

Treatment Area

Courtyard

Emergency

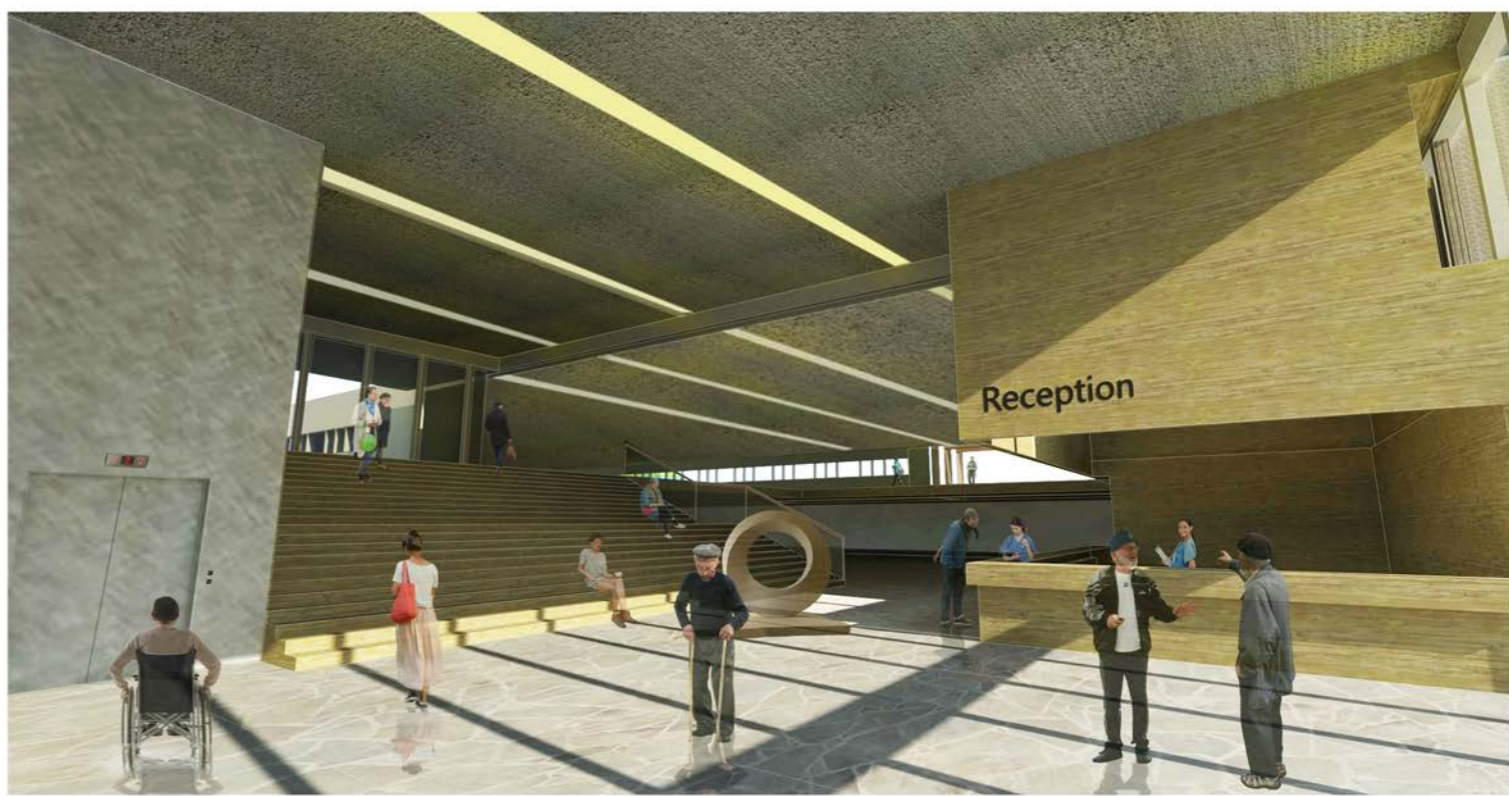


ENTRANCE PLAN 1:500



VIEW FROM MAIN STREET

To activate the proposed entrance square, we have assigned all the public functions required in a hospital on the border of the square as an extension of the main street.

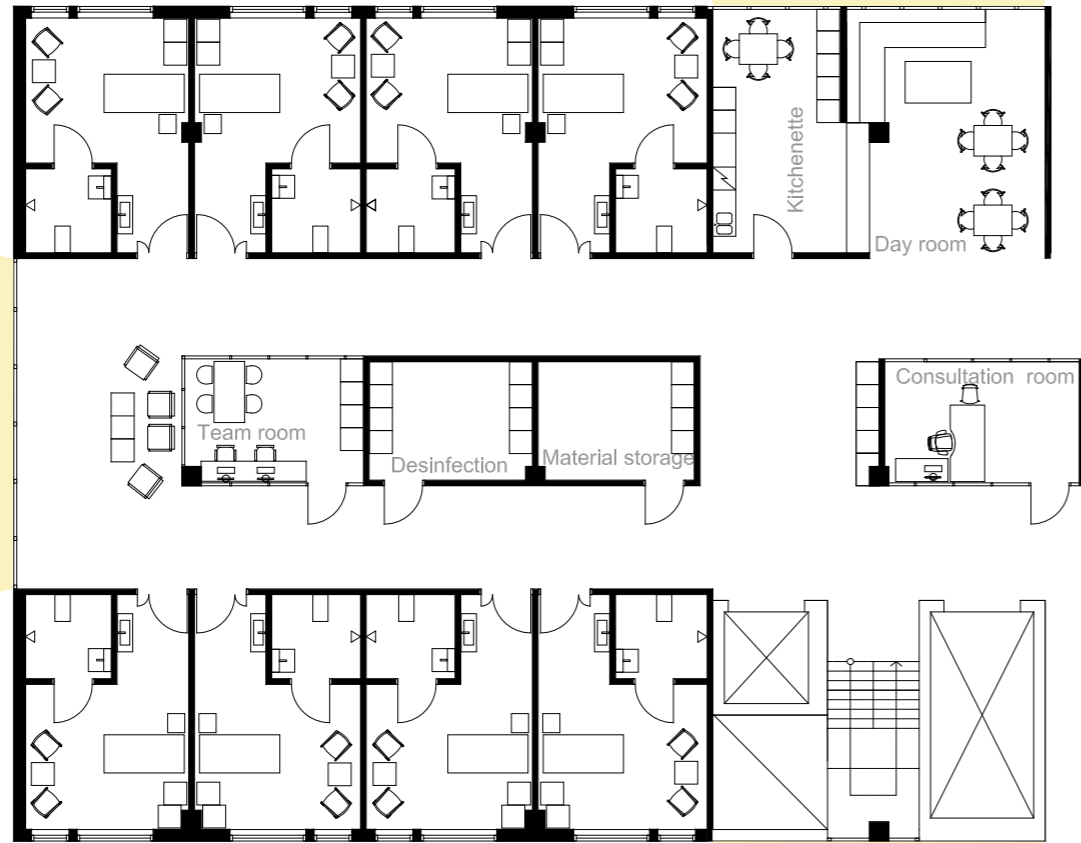


VIEW FROM ENTRANCE HALL LEVEL 5

The entrance hall on level 5 is connected to the existing main entrance on level 6 connecting visitors arriving from public transportation.

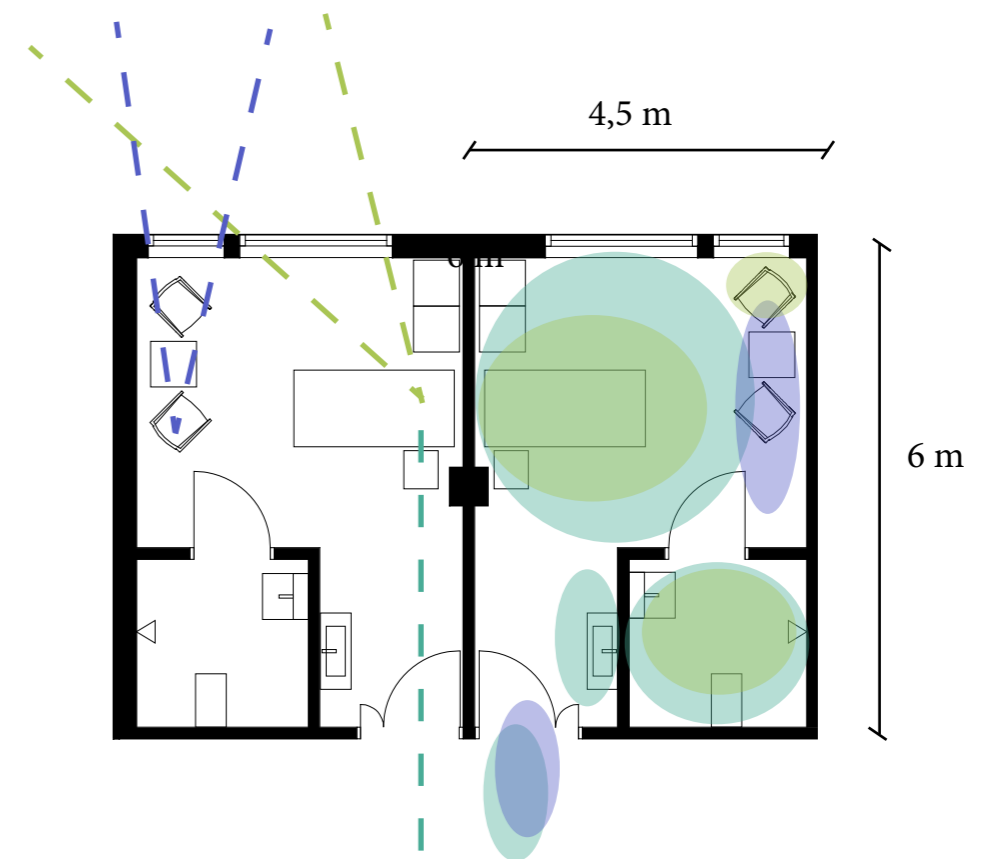


VIEW OF IN-PATIENT CORRIDOR



ONE UNIT

8 rooms
 Support function in-between
 An overview of the staff environment



SIGHT LINES

- Staff have direct views of patients
- Patient view of nature
- Family view of nature

DIFFERENT AREAS

- Staff
- Patient
- Family

INTERWOVEN

Thank You!