#### **URBAN STRATEGY**

#### 1. EXISTING ROUTES & SIGHTLINES

Keeping the existing routes & sightlines to not block the important routes of Ostbahnhof



#### 3. SHAPING OF THE LANDSCAPE

By raising some parts of the landscape, space will arise for a building mass beneath.



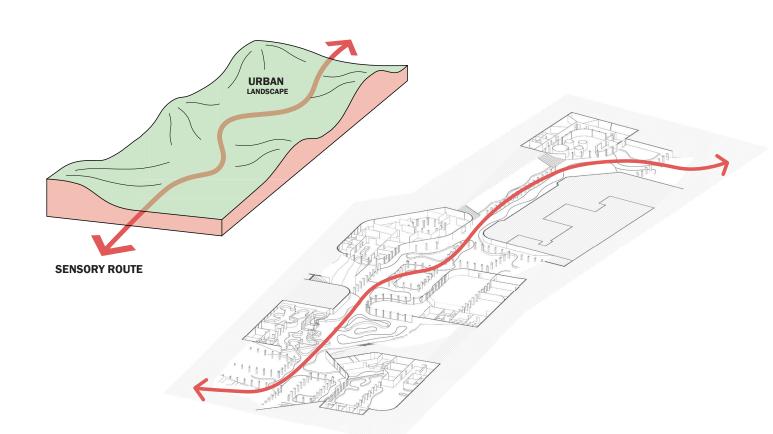
#### 2. NEW PLOTS

The sightlines and new green stroke that connects the neighborhoods together forms the new building plots



#### 4. SENSORY ROUTE

Between the seperated buildings, a route is designed, Following this route will give you a multi-sensory experience.



#### **IMPRESSIONS**





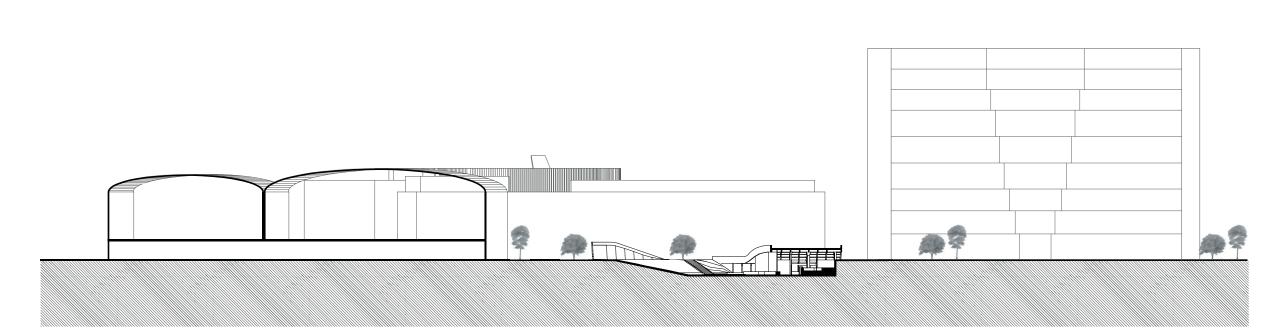
**SITUATION** 1:1000

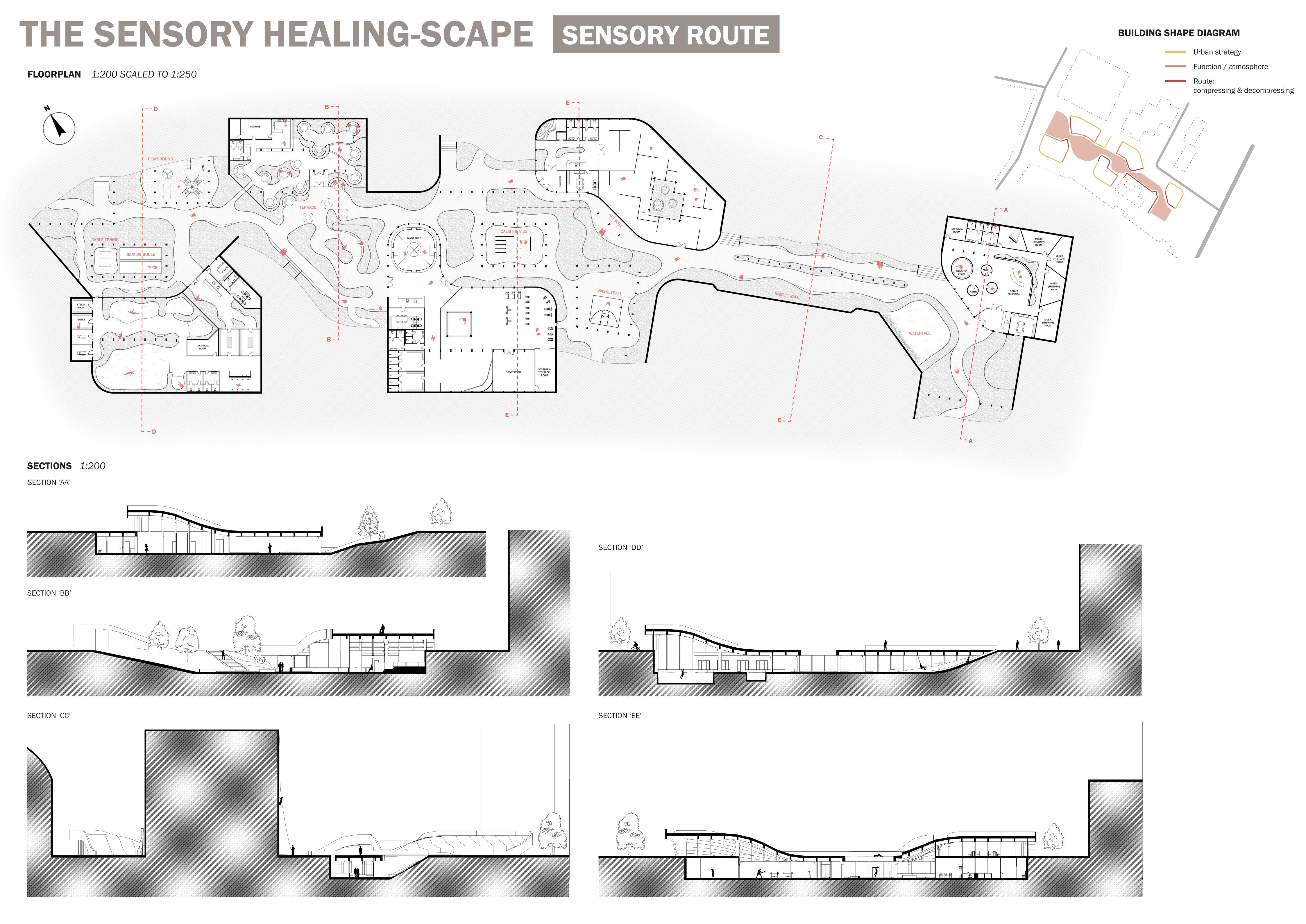


## **SECTIONS** 1:1000

SECTION 'AA'







## THE SENSORY HEALING-SCAPE SENSORY ROUTE

# "Swimming in a pool can help prevent, minimize, or treat acne breakouts. When chlorine interacts with water and your skin, it can remove and purify the wa-

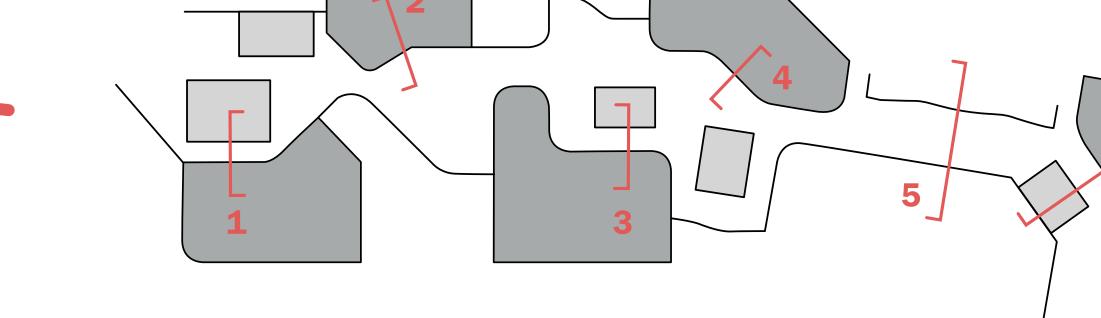
ter molecules that are on your skin." (CLN, n.d.)

#### 1. WELLNESS CENTRE

Focussing on the senses of touch and view. Users of the wellness centre experience a calm and green area. The differences in water temperatures and massage / sauna spaces will create an atmosphere where you can clear your mind. The water is good for the skin and the plants helps reducing stress and anxiety.



**PLAYGROUND & JEUX DE BOULE** 

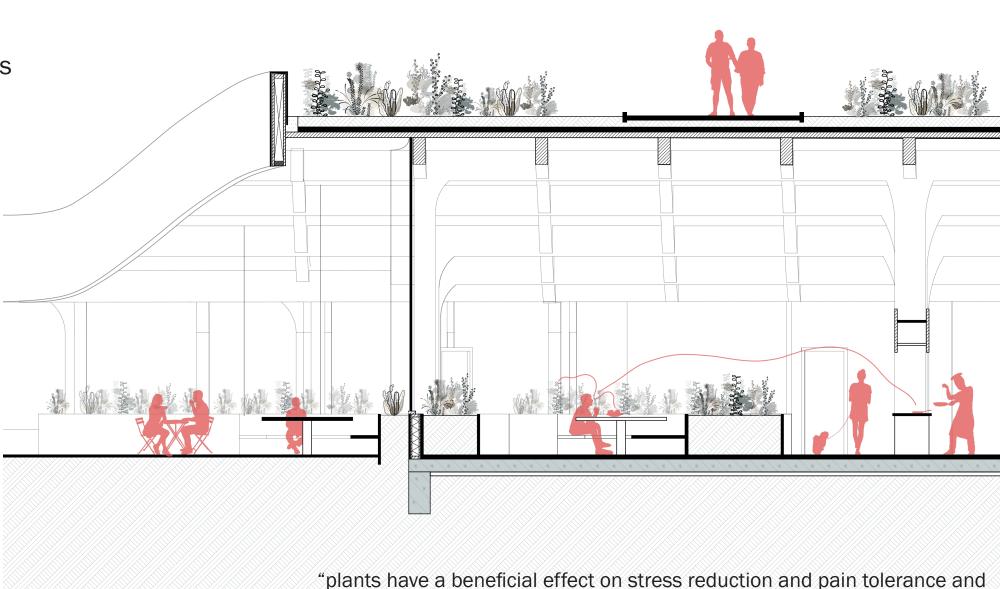


#### 2. RESTAURANT

The restaurant is focussing on the senses of taste and smell.

The visitor takes place at a table where you can smell the open kitchen, the plants / herbs / vegetables that are growing behind and the taste of the food served.





shows improvement in air quality. Small, green, lightly scented plants were most optimal for health and wellbeing." (Bringslimark et al., 2009).



**PANNA FIELD** 

"Physical activity is perhaps the variable which reduces the most overall lifetime morbidity." (James F. Fries, 2008)

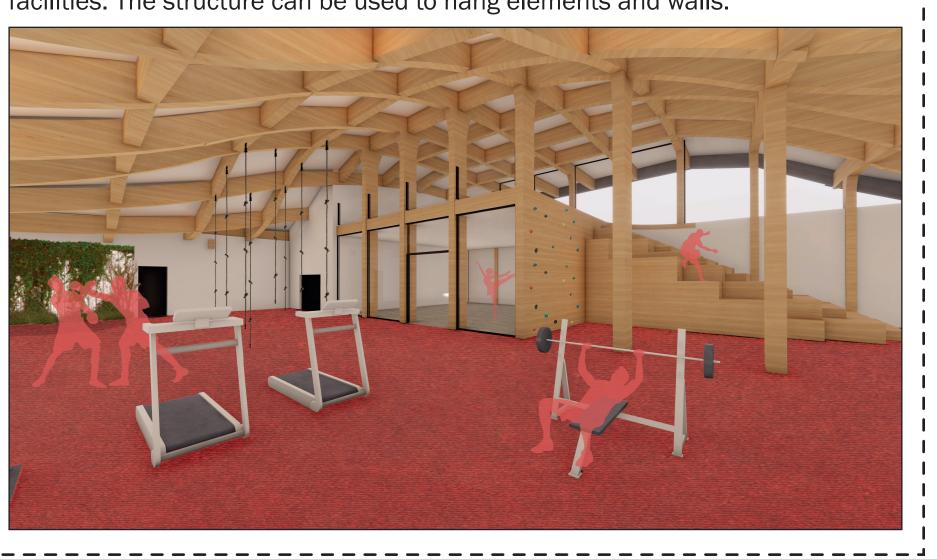
"It is proven to help prevent and manage noncommunicable diseases such as heart disease, stroke, diabetes and several cancers. It also helps prevent hypertension, maintain body weight and can improve mental health, quality of life and well-being." (World Health Organisation, 2022).



"The color red shows energy, excitement and impulse. It helps people mentally to work a bit harder during exercises." (Pereira, 2023).

#### 3. SPORT CENTRE

The sport centre is focussing on the sense of touch. An open space which can easily be transformed into multiple different sport facilities. The structure can be used to hang elements and walls.

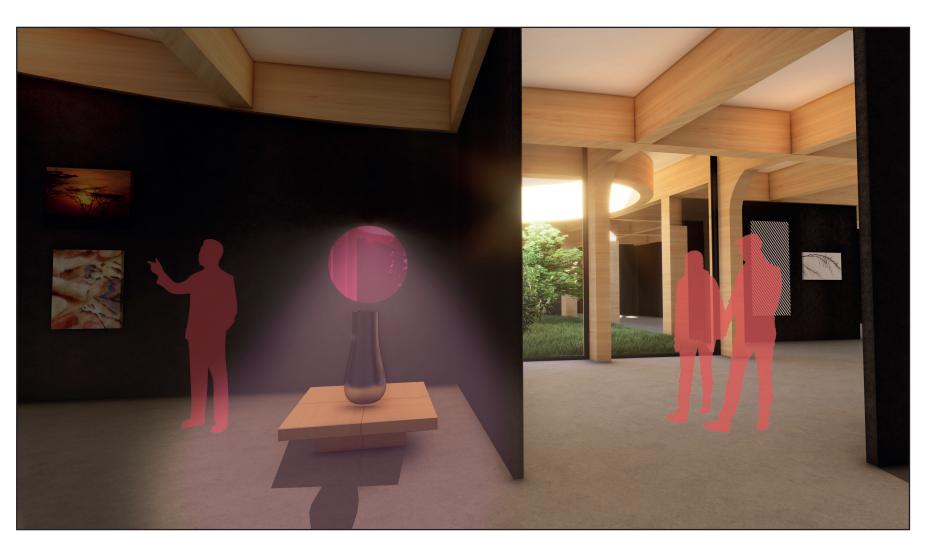


**CALIS-THENICS** 

**ART** 

#### 4. ART CENTRE

A place where people can improve their mental well-being by focussing on view and touch. Making art can make a powerful contribution to our mental health conditions. (MHF, n.d.). Participating in the arts can enable people to deal with a wide range of mental ill-health conditions and psychological distress. With art, people can express themselves, without having to use words. It helps people to stenghten their creativity, confidence and working with others improves the amount of social interactions and conversations, which creates a feeling of community.





"Participation in an artistic activity encourages personal well-being because it permits a direct and sincere connection with the individual emotions. Such a process implies a threedimentional strengthening: social, emotional and cognitive." (Mundet-Bolos et al., 2017).

#### 5. INSECT WALL

The insect wall is a long wall made for insects to live in. This creates an healthy environment whereby the flora in the surrounding area will stay healthy.

This indirectly means improvement of air quality, reduction of urban heat stress and a colorfull park which influences the users mental health conditions.

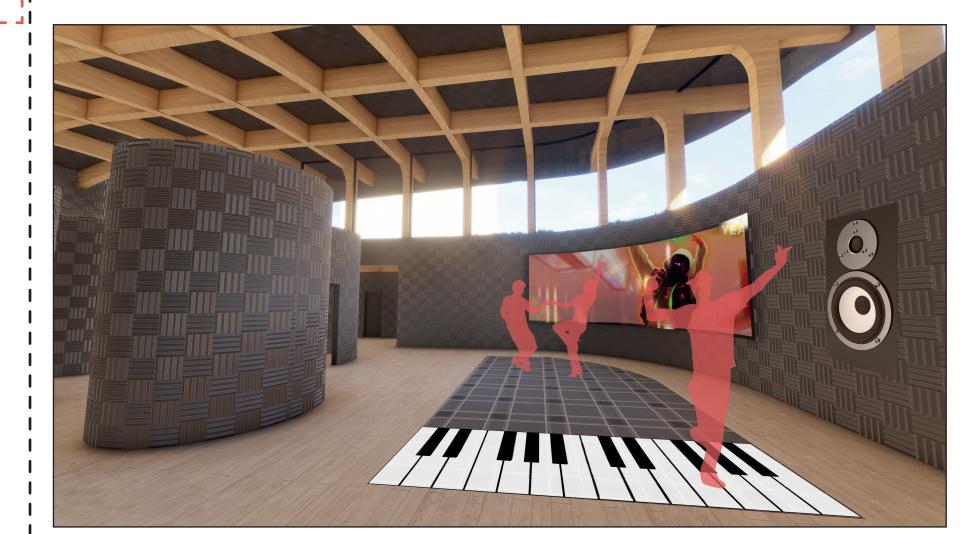


**BASKETBALL** 

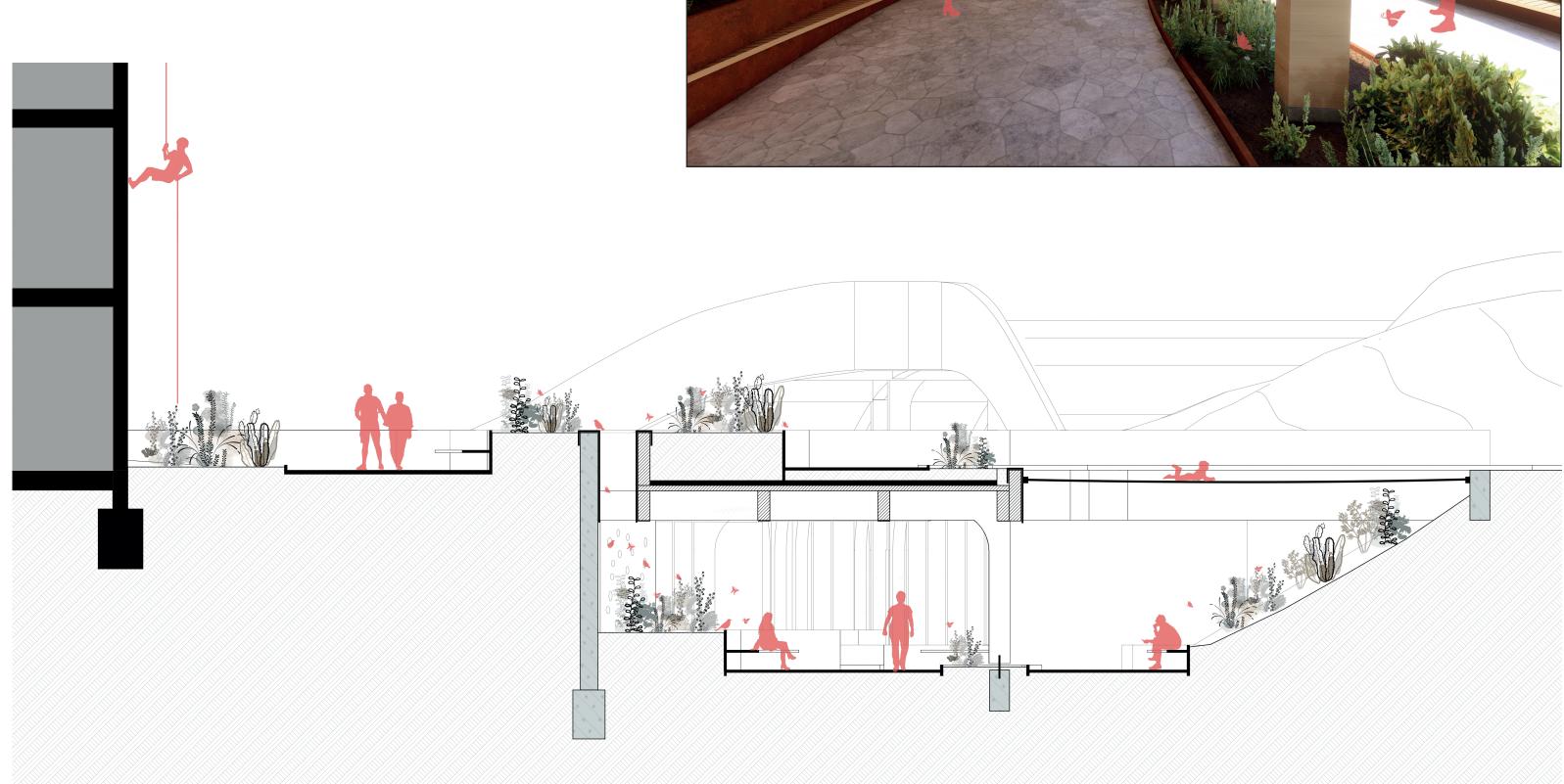
#### 6. SOUND CENTRE

The sound centre; a building created for an experience in the sense of sound. The building fucusses on music (therapy), physical interaction through sound, ASMR and anechoic spaces.

Also, the sound of the running water in front of the building helps with mental well-being improvement.

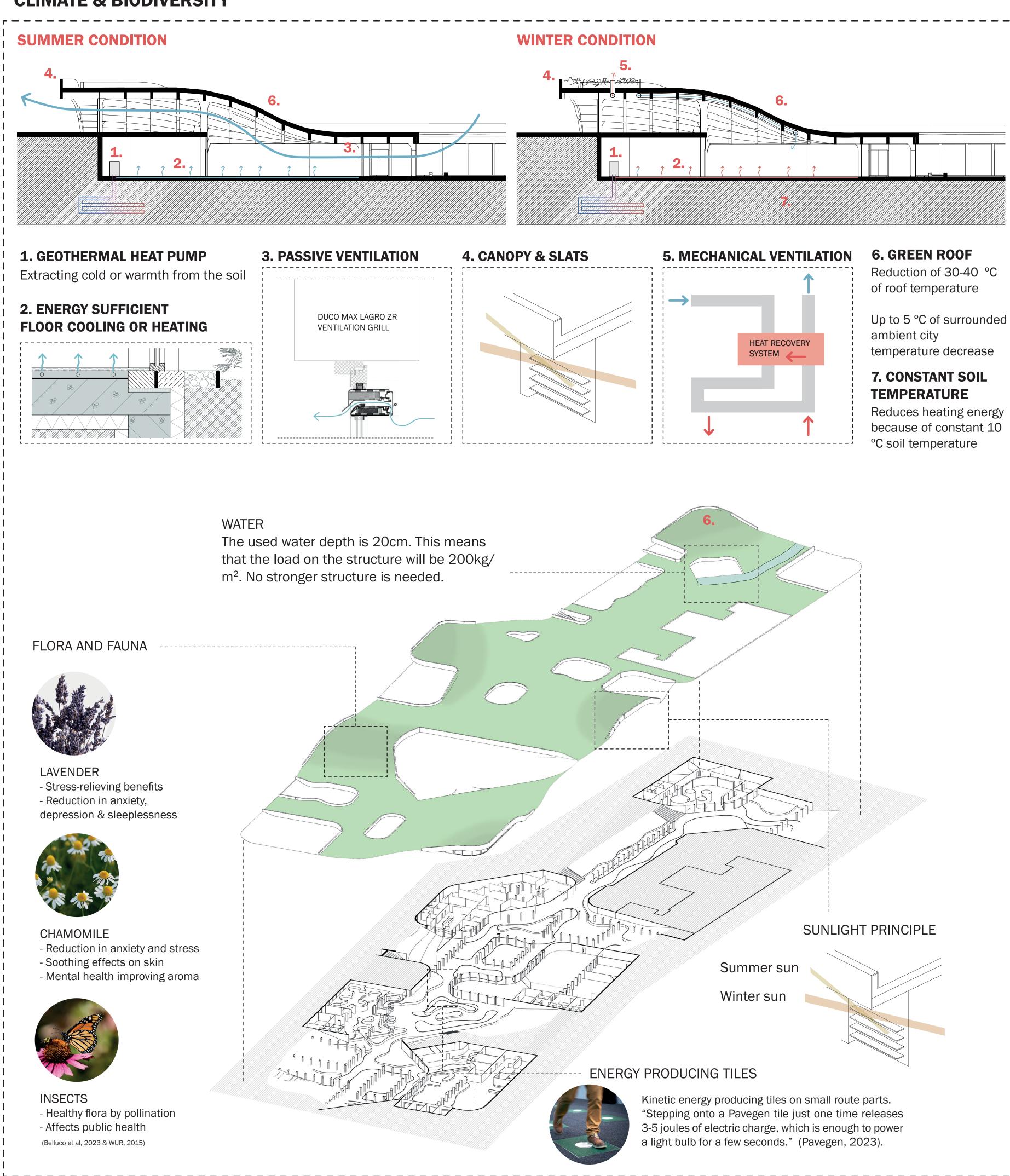


"People's beliefs about the source of masking sounds, especially in the case of ambiguous noise, can sometimes influence how much relief they provide". (Haga, Halin, Holmgren, & Sörqvist, 2016). Sounds of nature have a strong relation to restoration, recovery and well-being

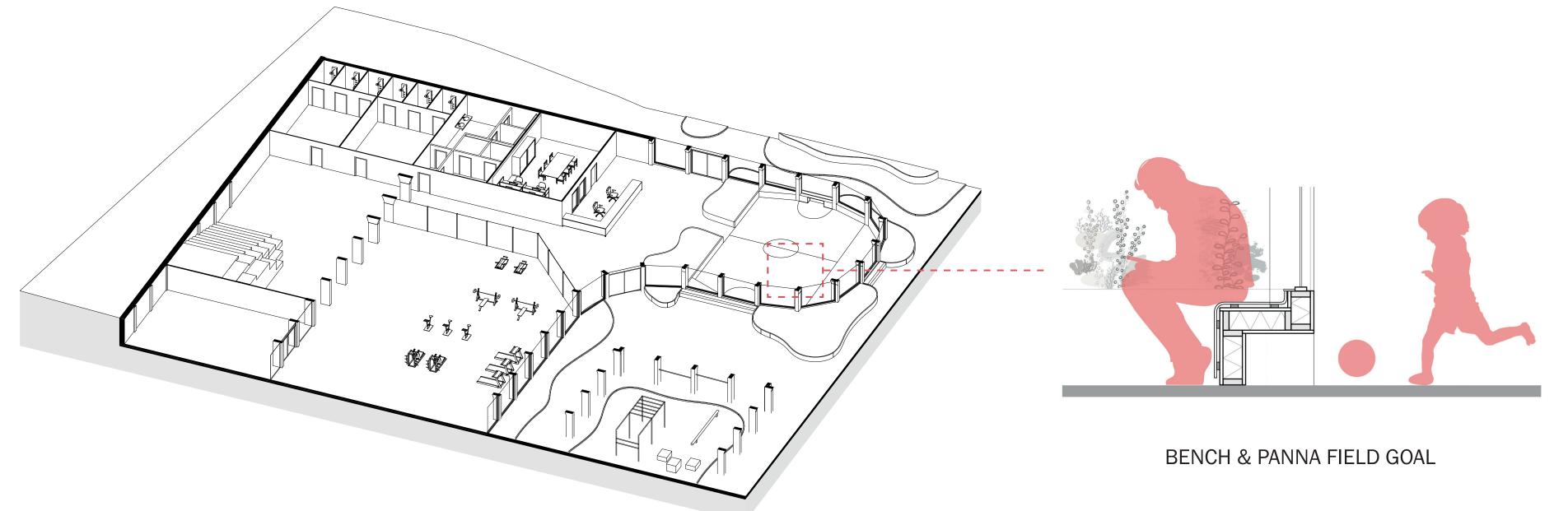


# THE SENSORY HEALING-SCAPE TECHNICAL ASPECTS

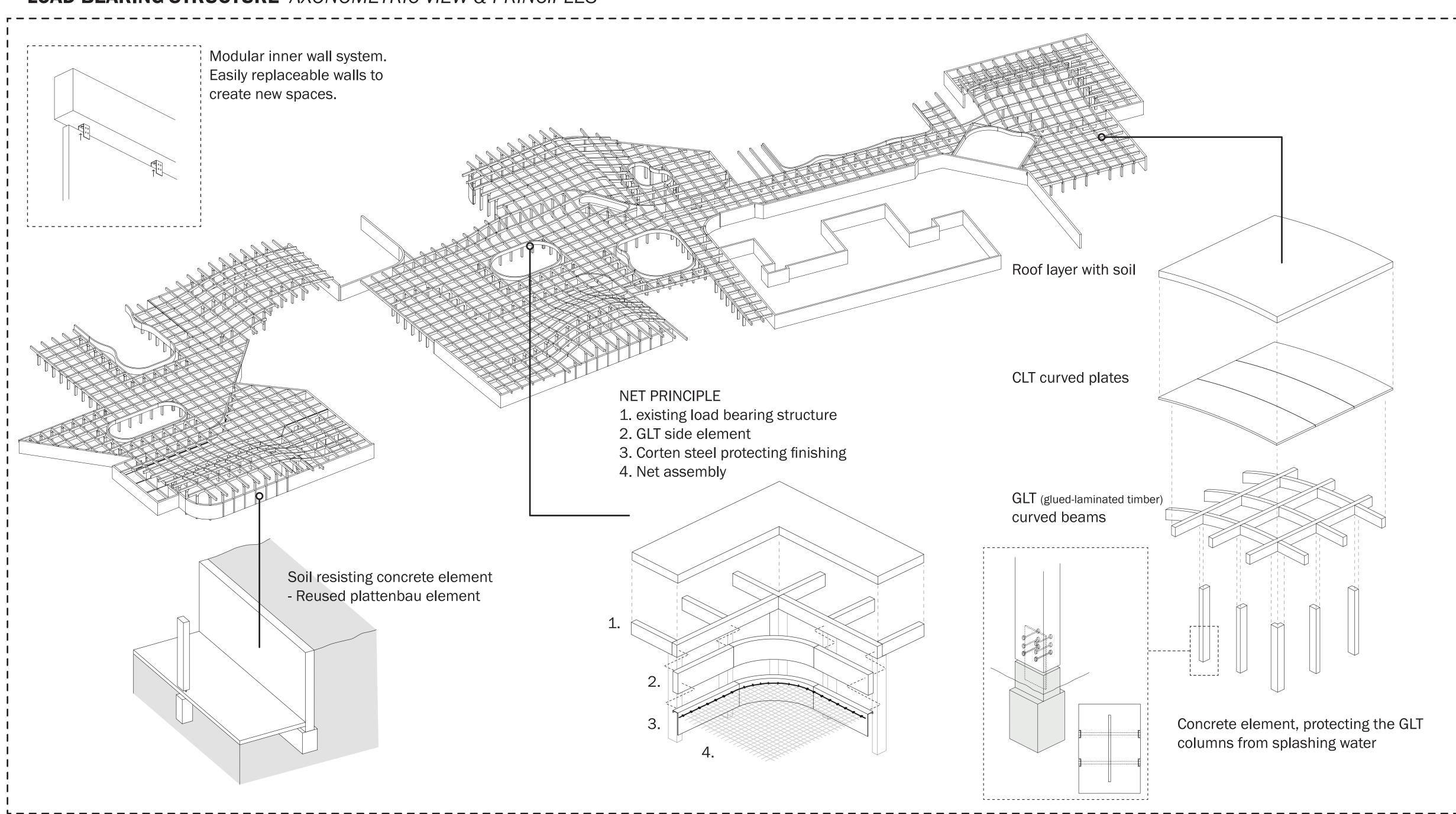
#### **CLIMATE & BIODIVERSITY**



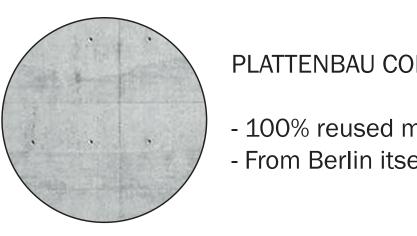
### **INTERACTIVE FACADES**



#### LOAD BEARING STRUCTURE AXONOMETRIC VIEW & PRINCIPLES

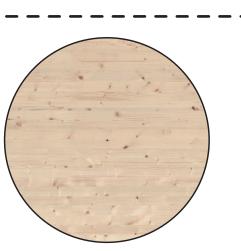


#### **MAIN MATERIALS & CIRCULARITY**



PLATTENBAU CONCRETE

- 100% reused material - From Berlin itself



**CLT TIMBER** 

- 90% of the whole structure - Made in Germany



RECYCLED COTTON INSULATION

- Fully recycled - Made in Europe



**GREEN ROOF** 

- Reduction of urban heat stress. Around 50 °C of difference in comparisson with a normal roof.

- Improvement of air quality - Mental health improvement

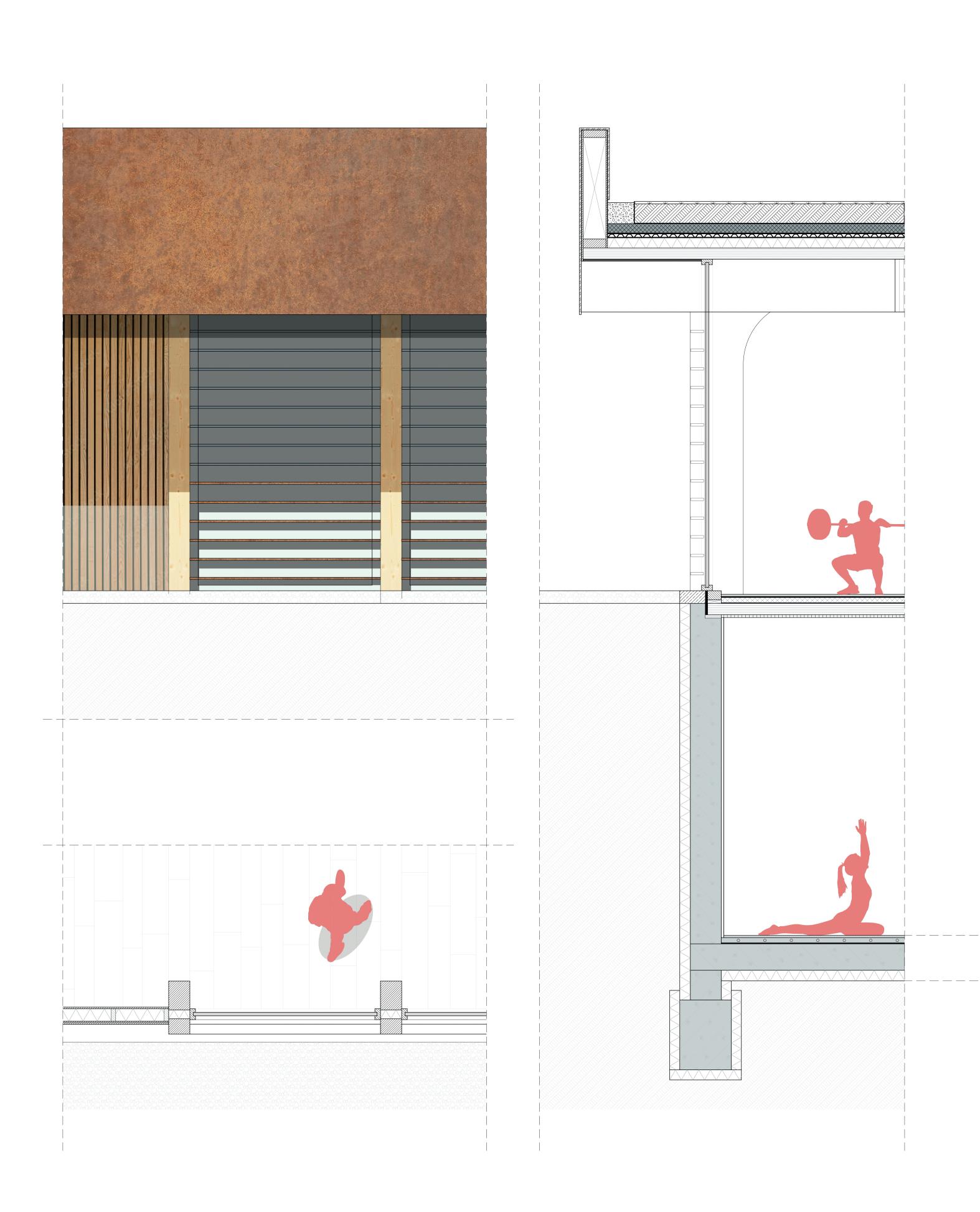
## **IMPRESSIONS**

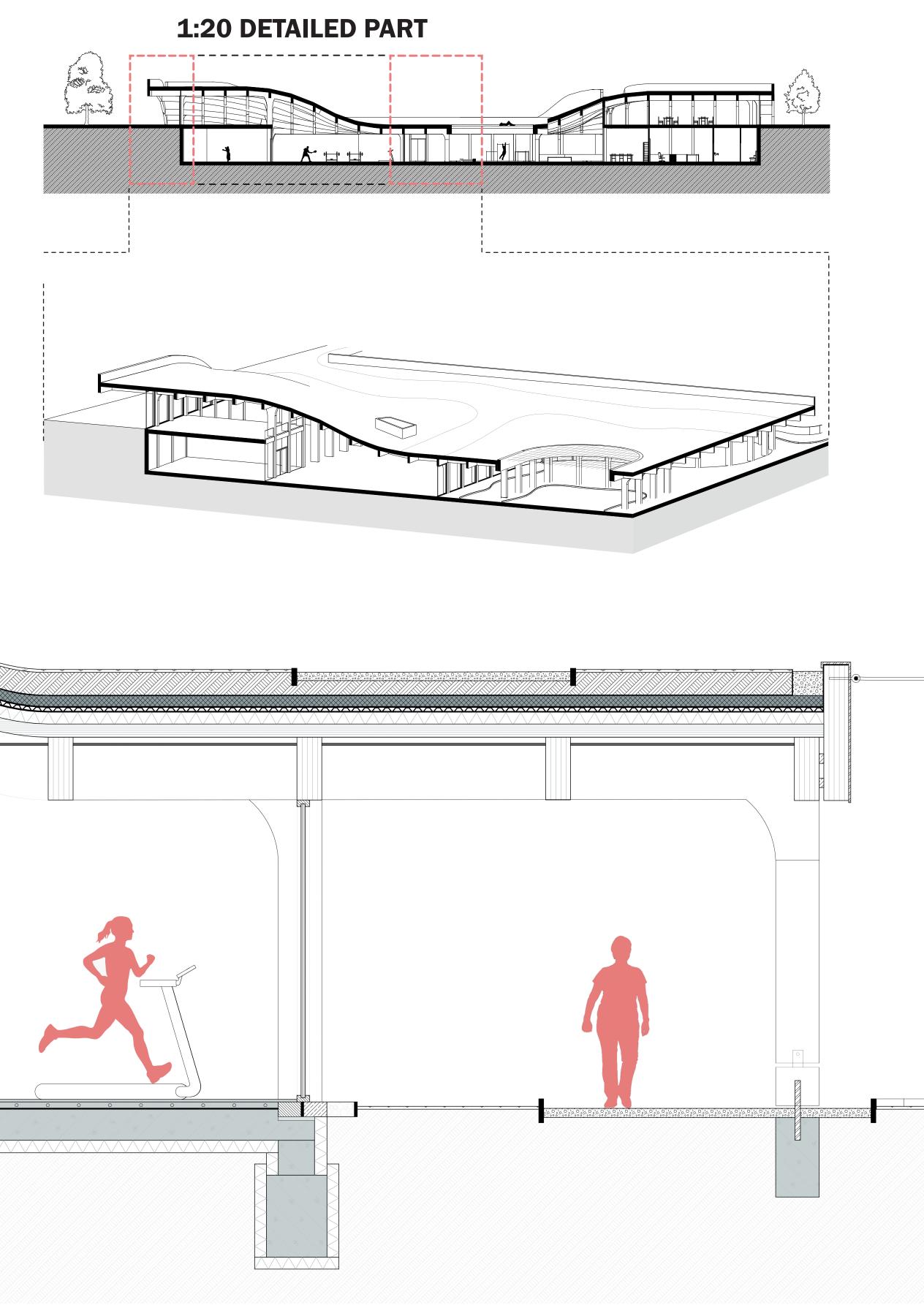


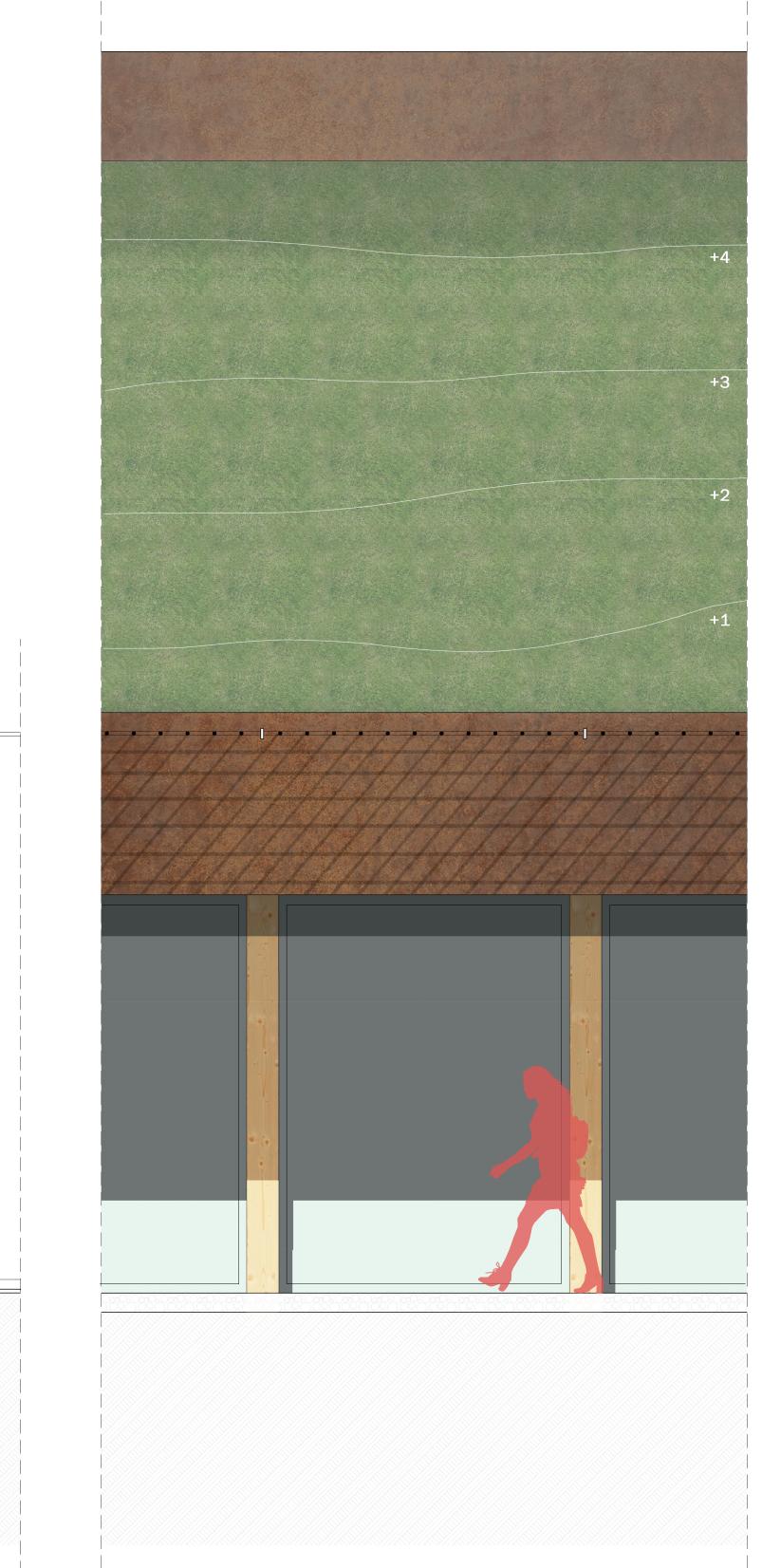


# THE SENSORY HEALING-SCAPE TECHNICAL ASPECTS

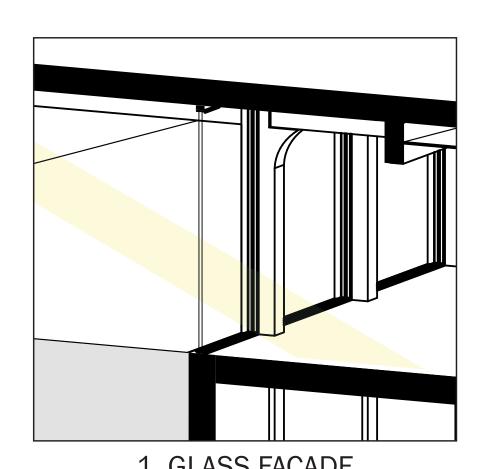
**1:20 FRAGMENT** SCALED TO 1:40



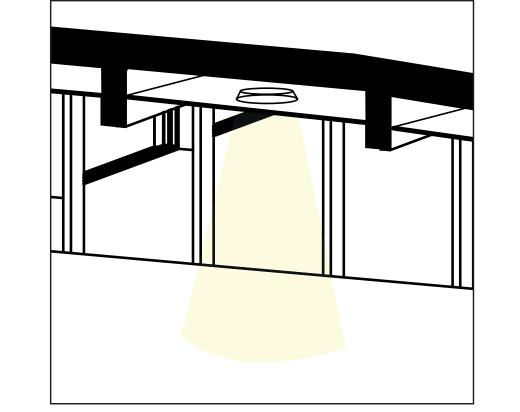




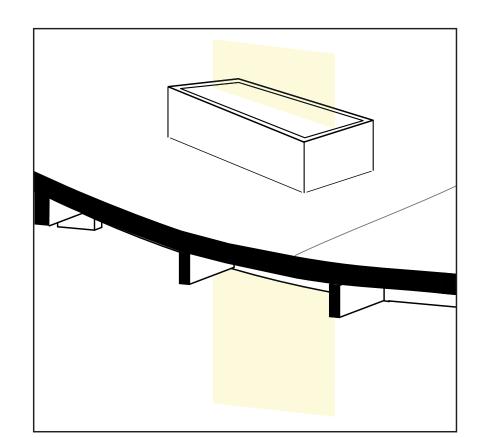
#### LIGHT PRINCIPLES



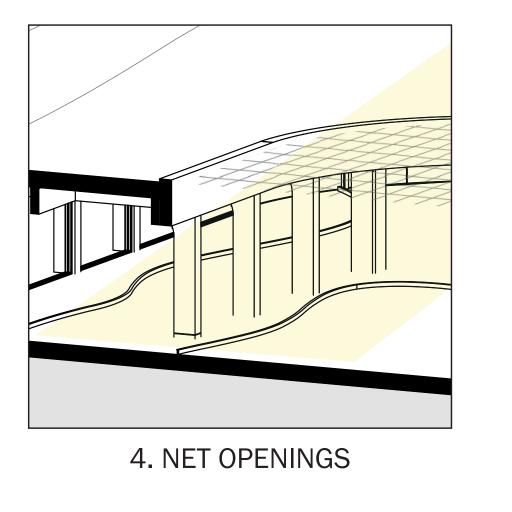
1. GLASS FACADE



2. ARTIFICIAL LIGHT



3. ROOF LIGHT



#### 'HARDWARE' VS 'SOFTWARE'

