

THE SUBTLE PERCEPTIONS OF SPACE  
PRIMITIVE PAVILION  
2016



WATERFALL RESTAURANT  
AMSTERDAM  
2016



A SHORT WALK ABOVE  
THE WARREN  
2016



GLASS HOUSE  
2016



ORWELL PARK HOUSE  
DUBLIN  
2014



THE TOURIST CENTER  
BRAZIL  
2010



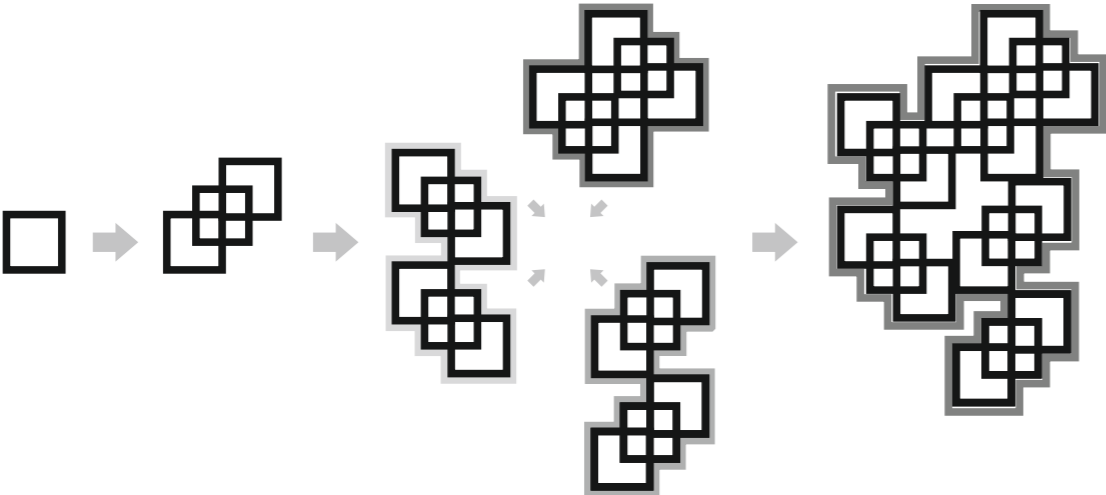


1

PRIMITIVE PAVILION



# CONCEPT



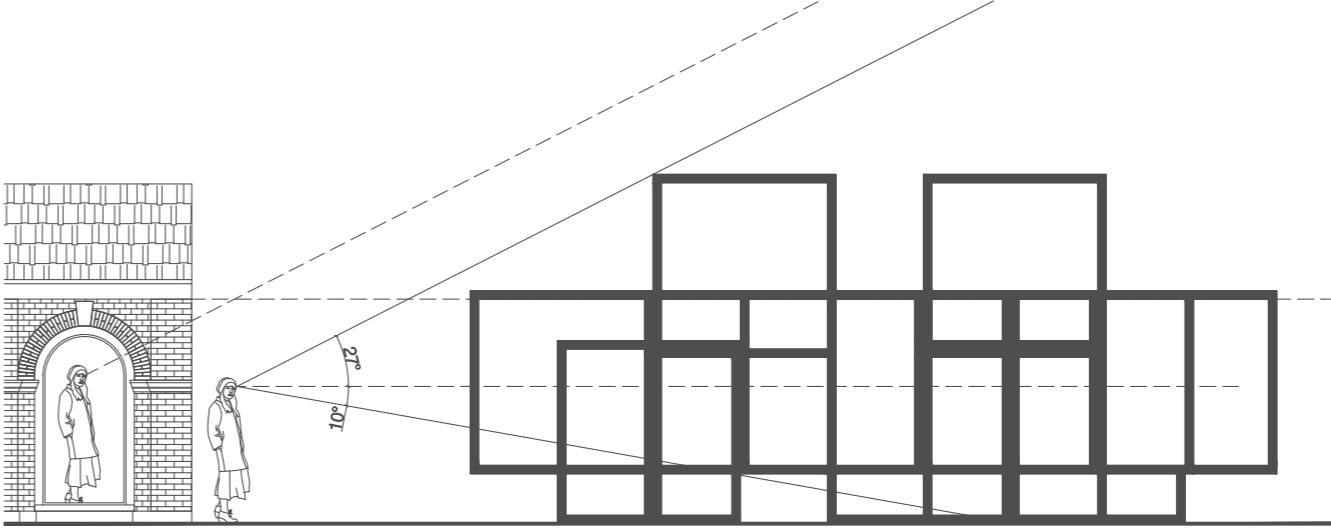
Primitive Square  
Balanced composition with three elements

The repetition of elements is what gives richness and complexity to the primitive shape

Aggregating the elements to compose one space made of spaces within spaces, like a "forest of squares to be explored"

# THE EYE PERCEPTION

"The human field of vision is 54° horizontally, 27° upwards and 10° downwards."  
(Neufert, page 25)



The Primitive Pavilion is meant to be not higher than what is within a human field of vision, which is proportionally balanced with the height of the courtyard itself. The users are able to visualize the entire pavilion at a glance.

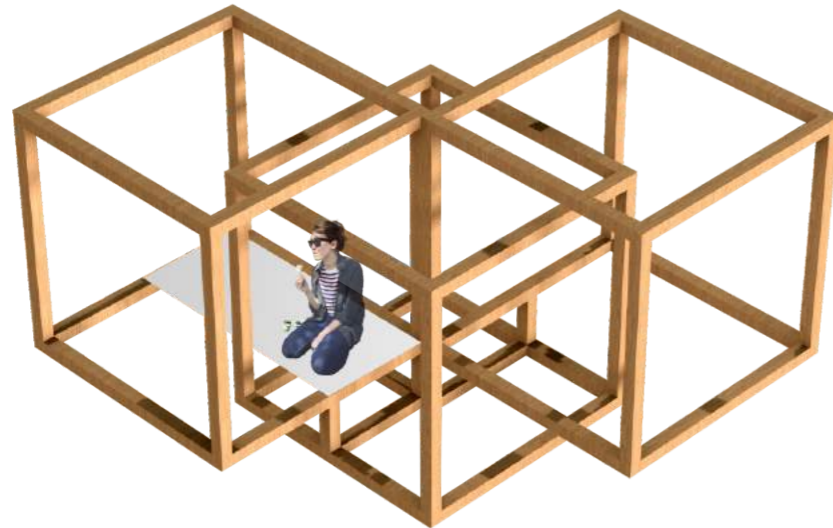


# THE THREE POSSIBILITIES

Boards for sitting

Good for:

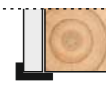
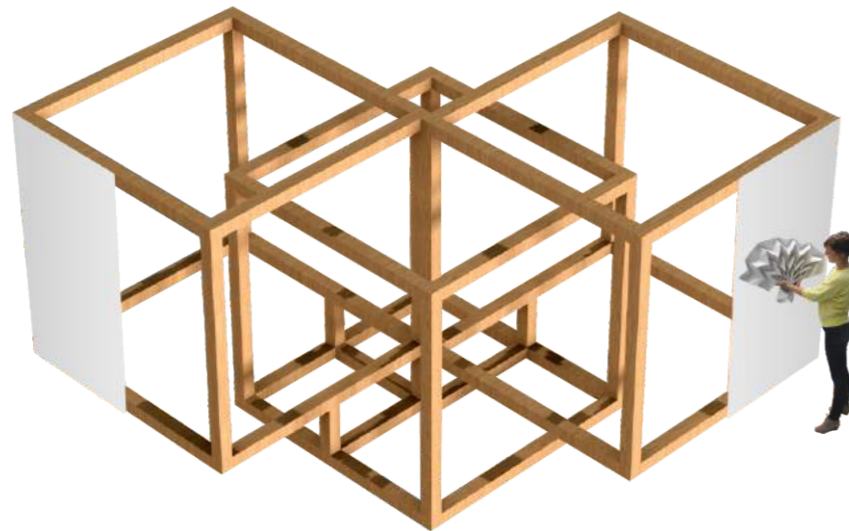
relaxing,  
chatting with classmates,  
extra table



Boards for closing areas

Good for:

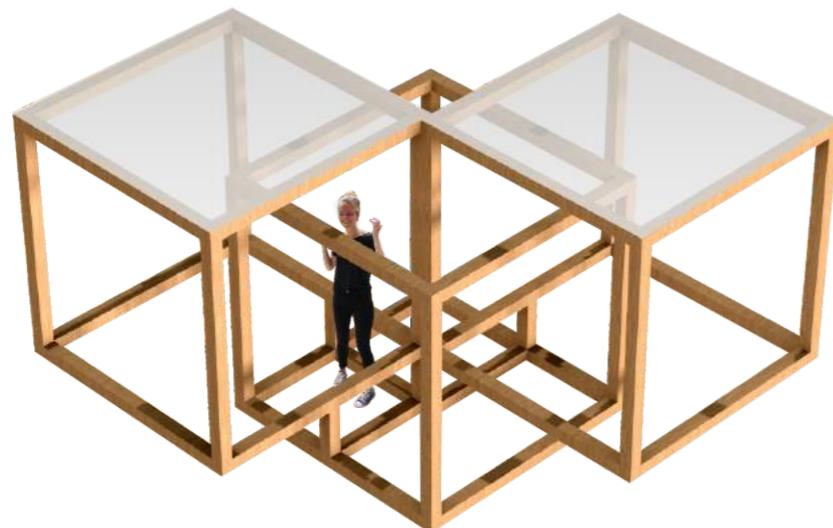
extra walls for  
presenting projects



Boards for closing the top

Good for:

shade on sunny days  
shelter on rainy days





2 ▶

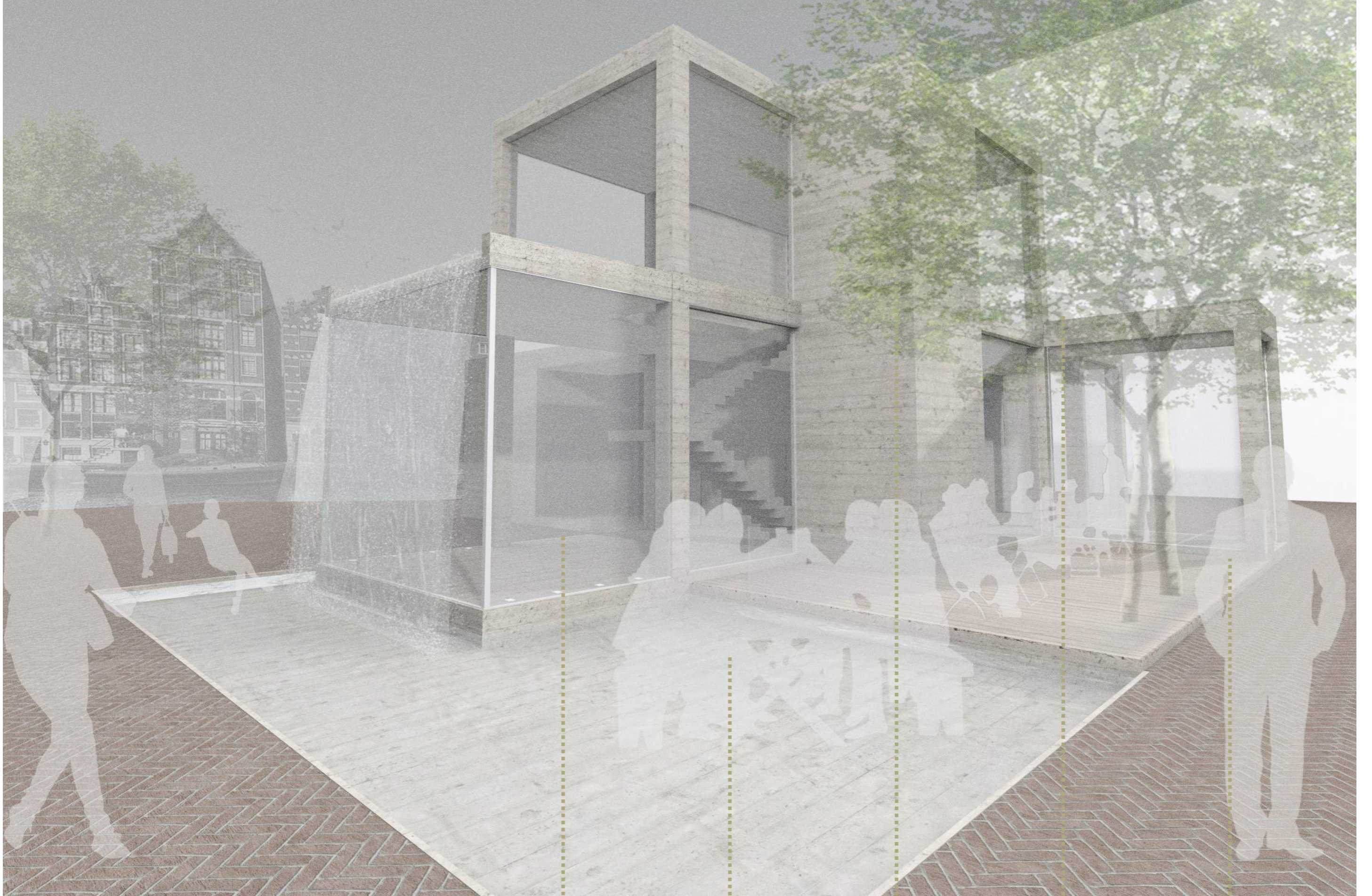
▲  
1

PLAN  
1:50

ELEVATION 1  
1:50







# 2

## RESTAURANT WATERFALL



inside dining areas



outside dining area in water



drinks/parties upstairs



terrace with views

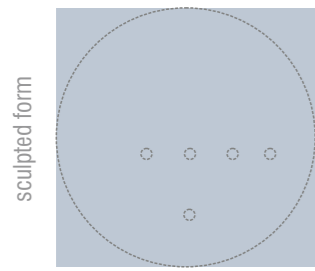


relaxing café area



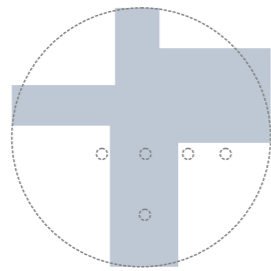
# Concept

Water... as binding element, to connect different dining experiences in one.

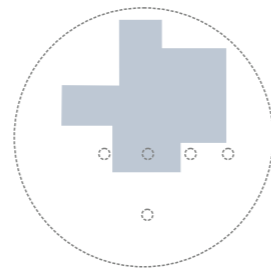


sculpted form

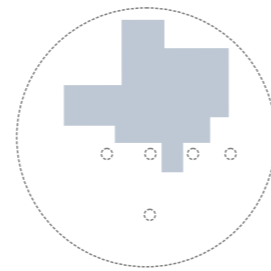
a limit was set of 18 m radius and 5 trees should be preserved. The starting point is a square of 18 m x 18 m



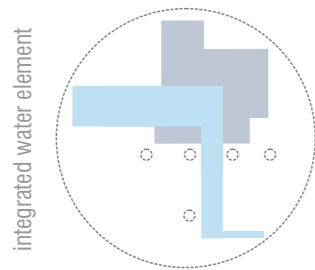
by cutting 4 areas, a form started being shaped around and through the trees



the shape was further refined

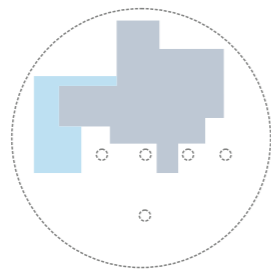


a shape that is sculpted within the limits given

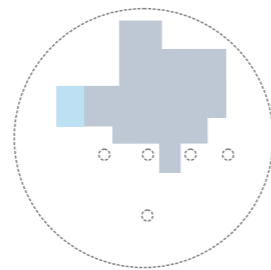


integrated water element

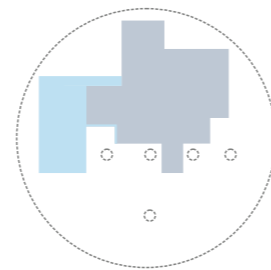
water passing through, like a canal, to connect the different areas



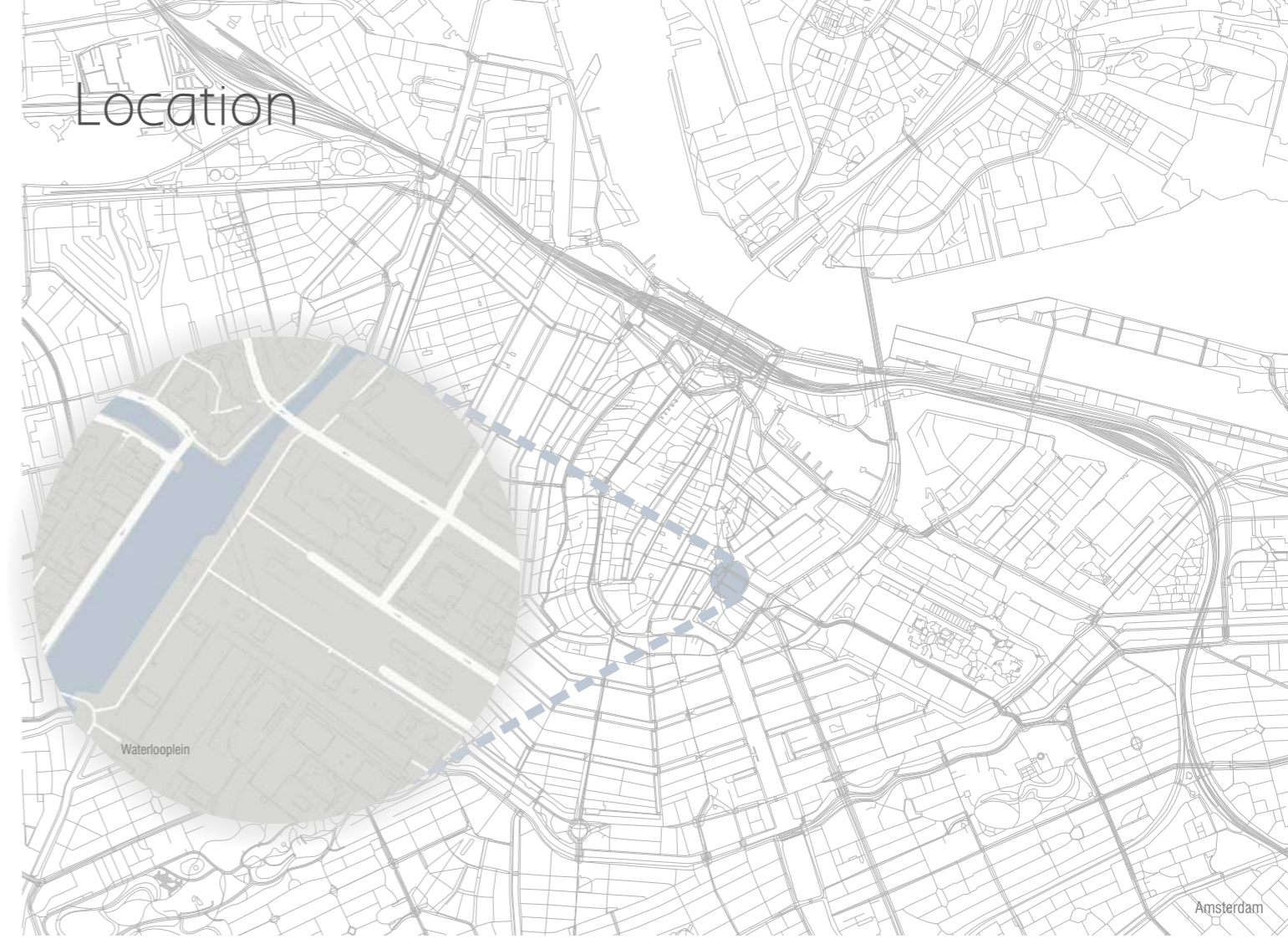
water inside, like a pool, to be joyfully experienced



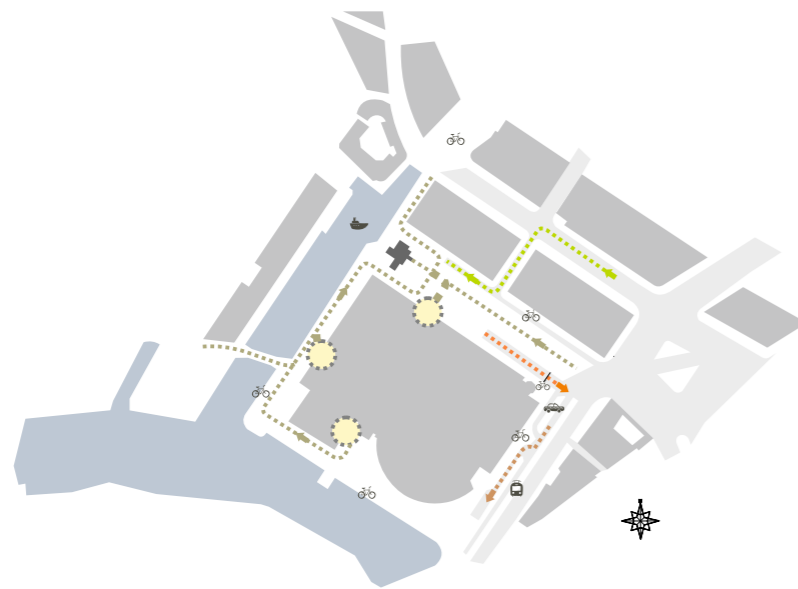
water falling, like a waterfall, to be contemplated



water experience combined with dining experience

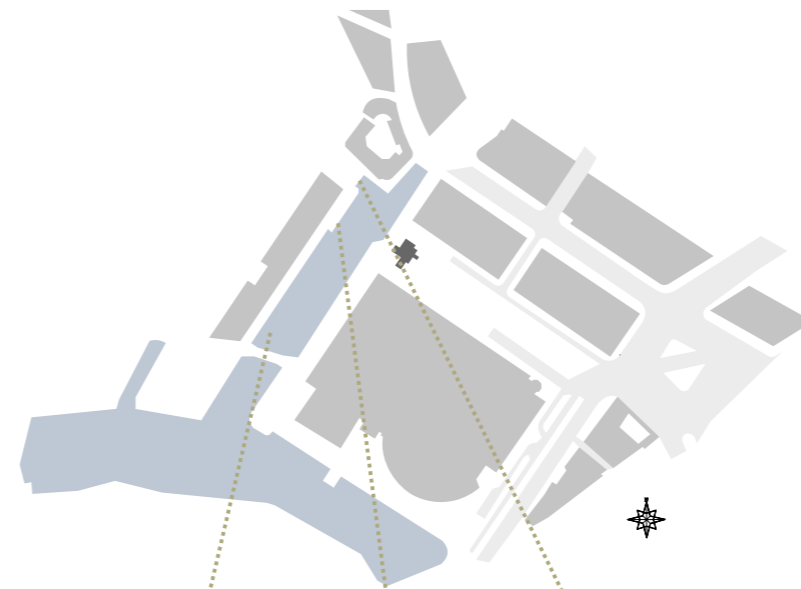


# Location

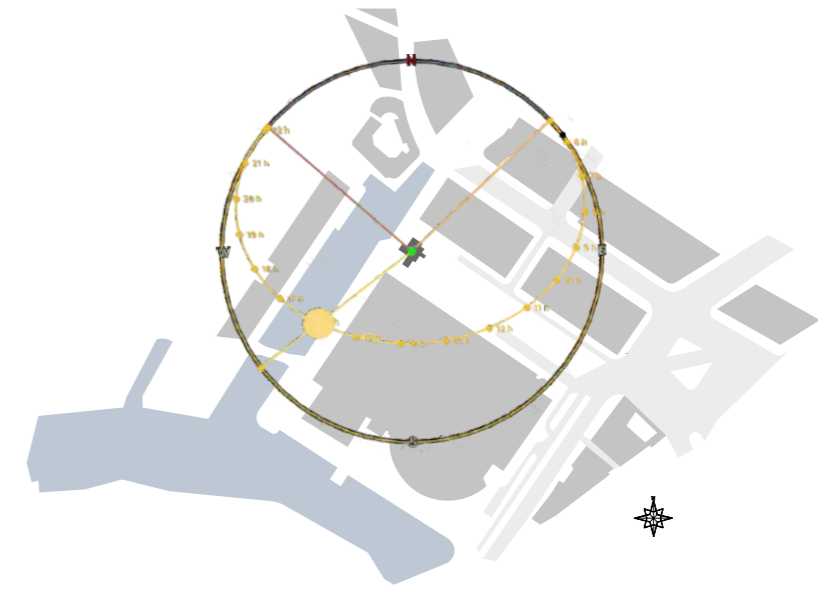


## Accessibility

- Project site
- Car park pedestrian access
- Pedestrian path
- Car access (for deliveries)
- Car park entrance
- Car park exit



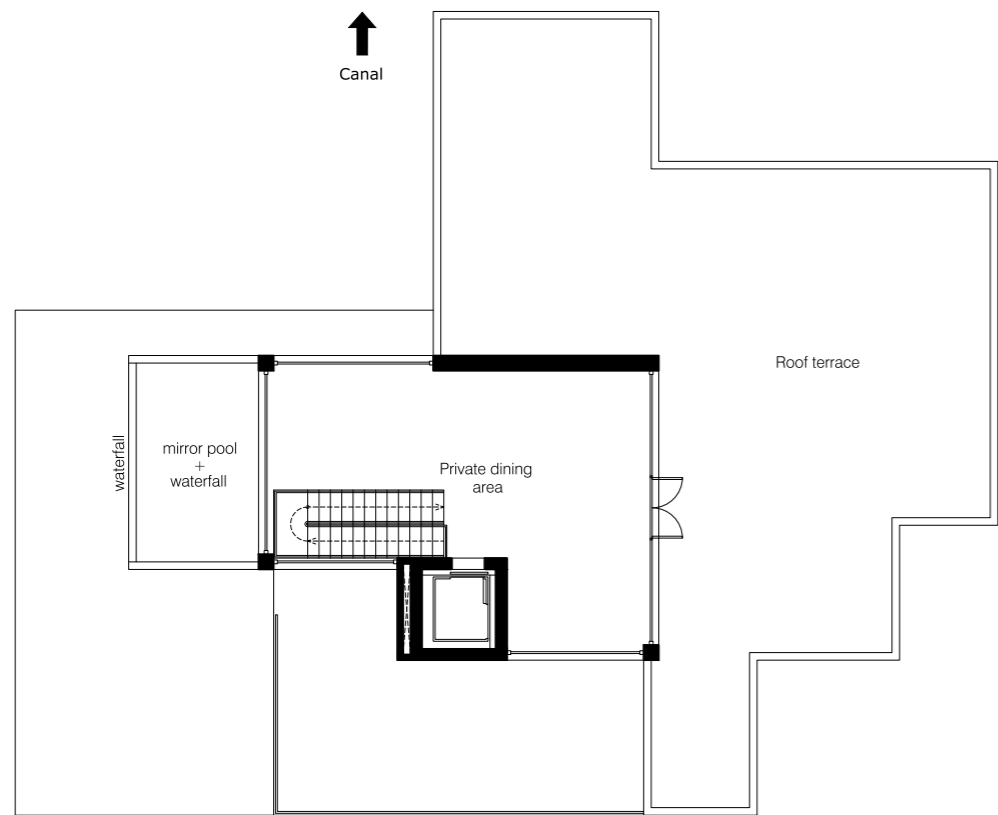
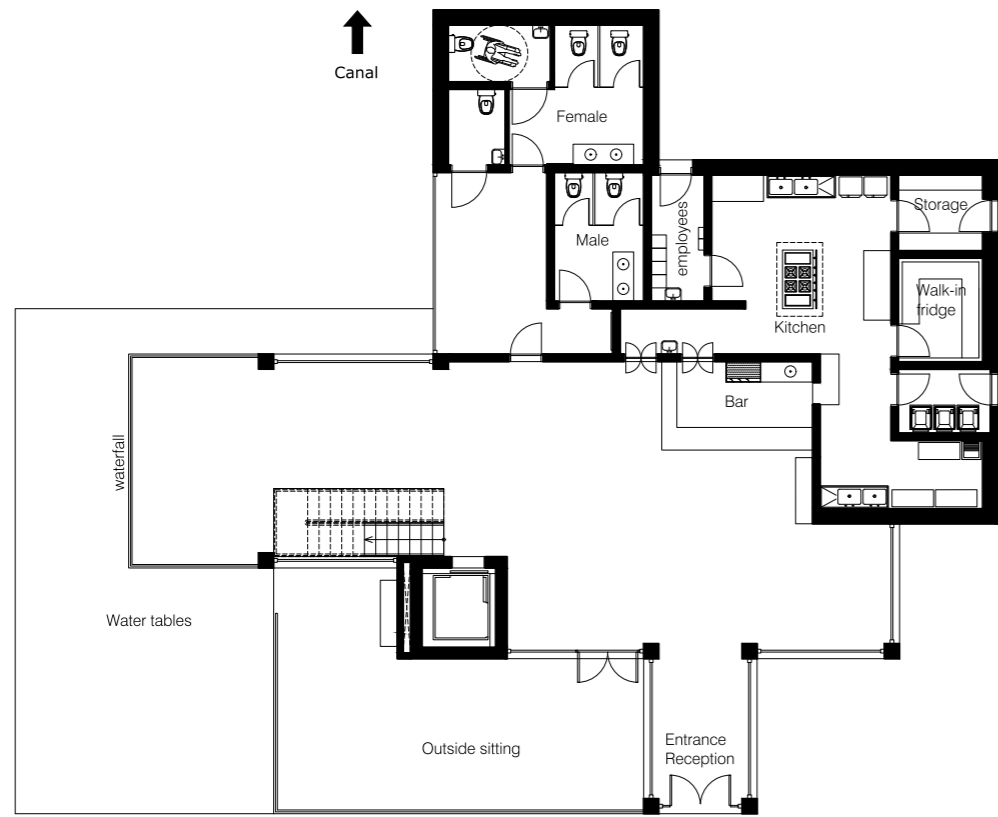
## Views



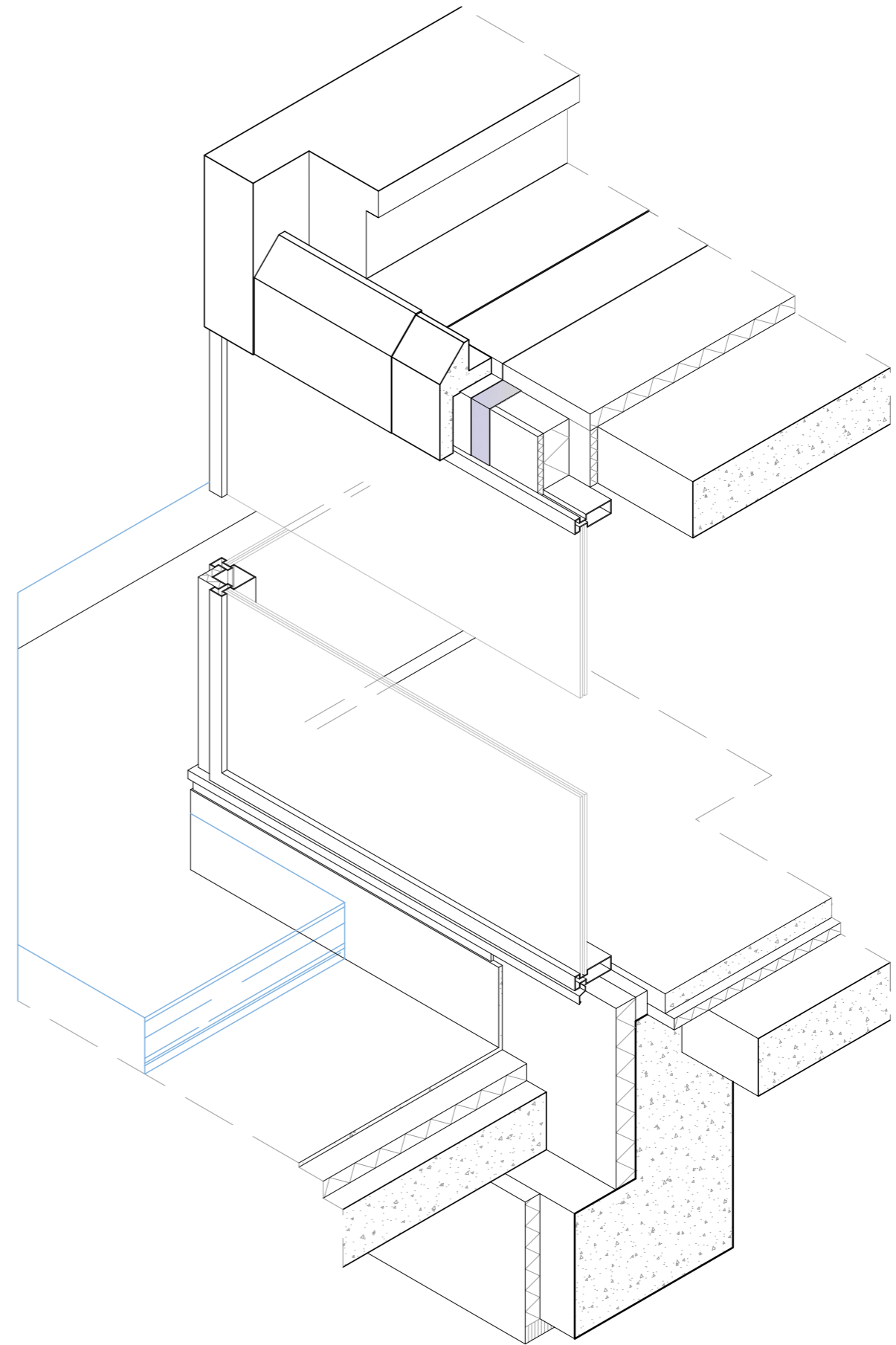
## Sun Path

During summer and winter the sun will shine on the open area of restaurant and on the waterfall feature. The restaurant was thought to make the best use of the sun, the views and the accessibility.

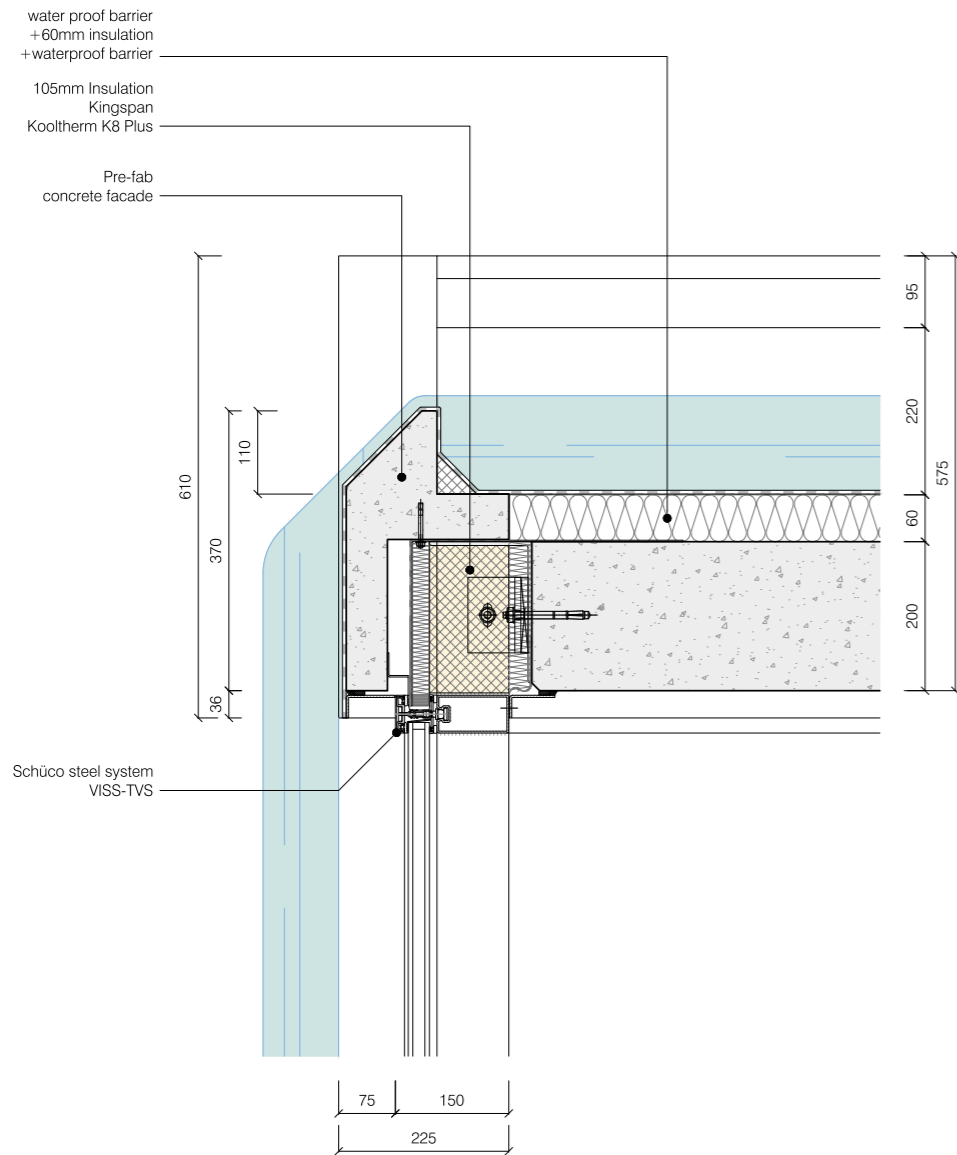
# Plans



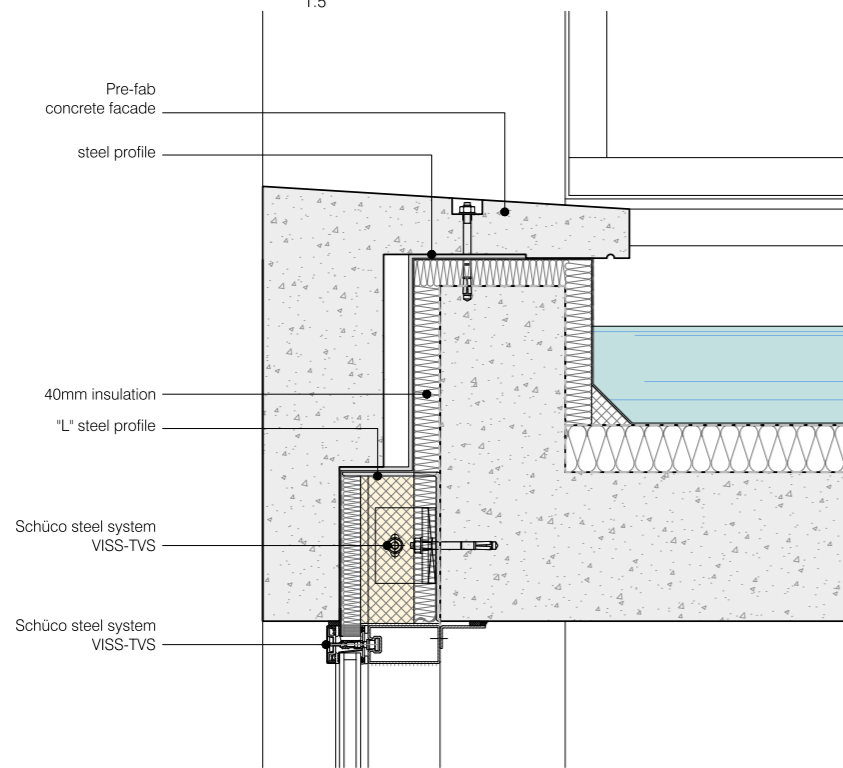
# Construction



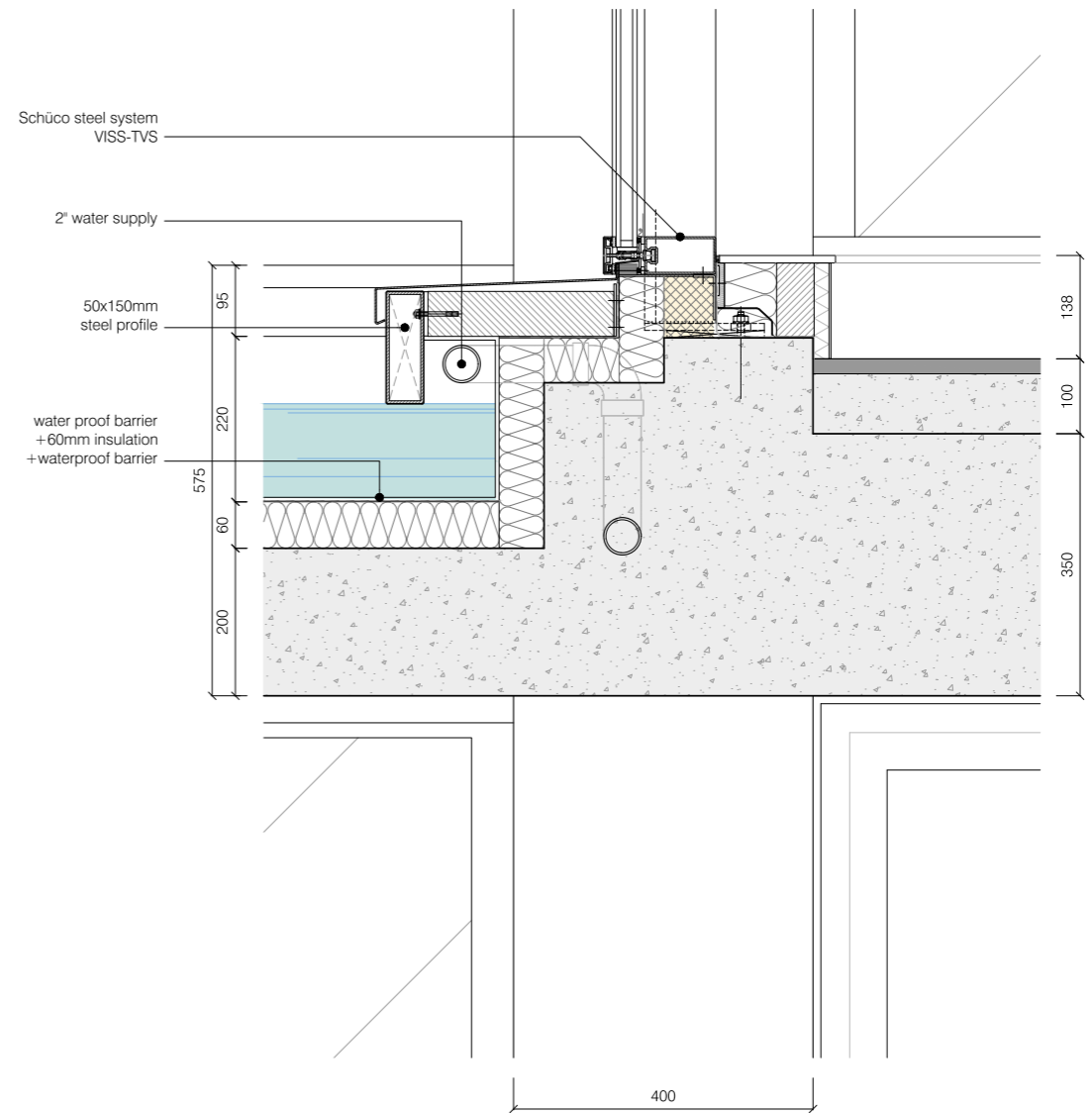




DET. 1  
1:5



DET. 2  
1:5



DET. 3  
1:5



## Inspiration

Tadao Ando's Sayamaike Historical Museum  
(Water Museum)

*"I decided to integrate the surrounding environment into the architecture,  
to create a place appropriate to the history that Sayamaike embraces,  
where the environment itself becomes a museum."  
/Tadao Ando*

Model







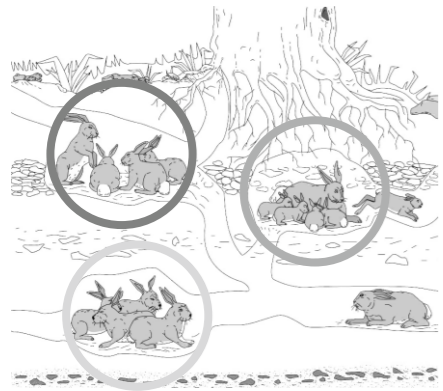
3

A SHORT WALK ABOVE THE WARREN

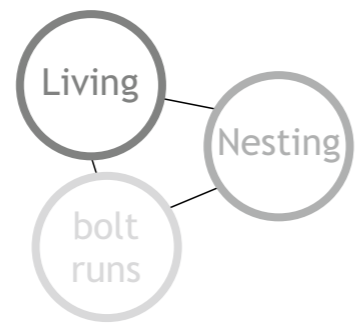


# CONCEPT

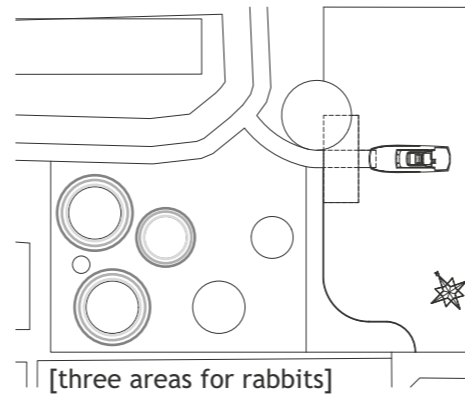
Rabbits make burrows:



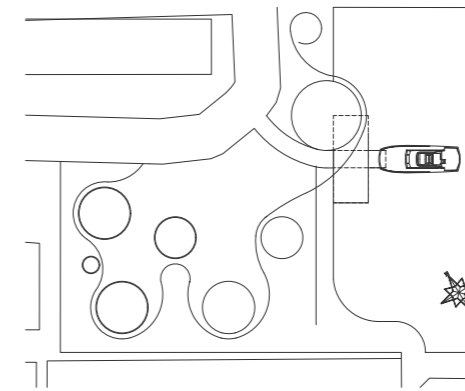
The sectors are divided in:



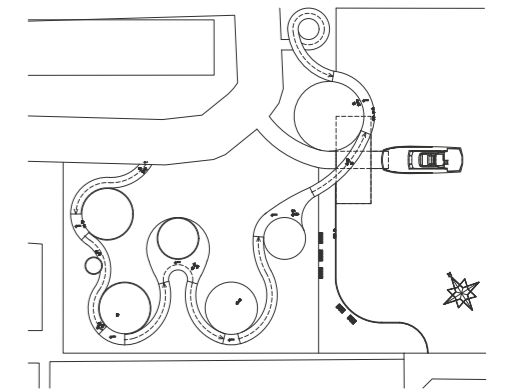
Translated into the design:



The walk path:



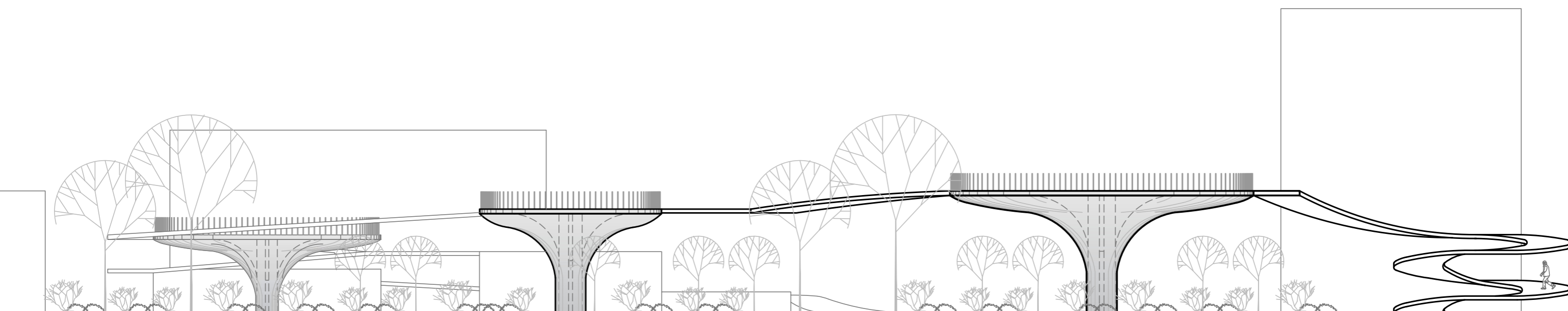
The walkway:



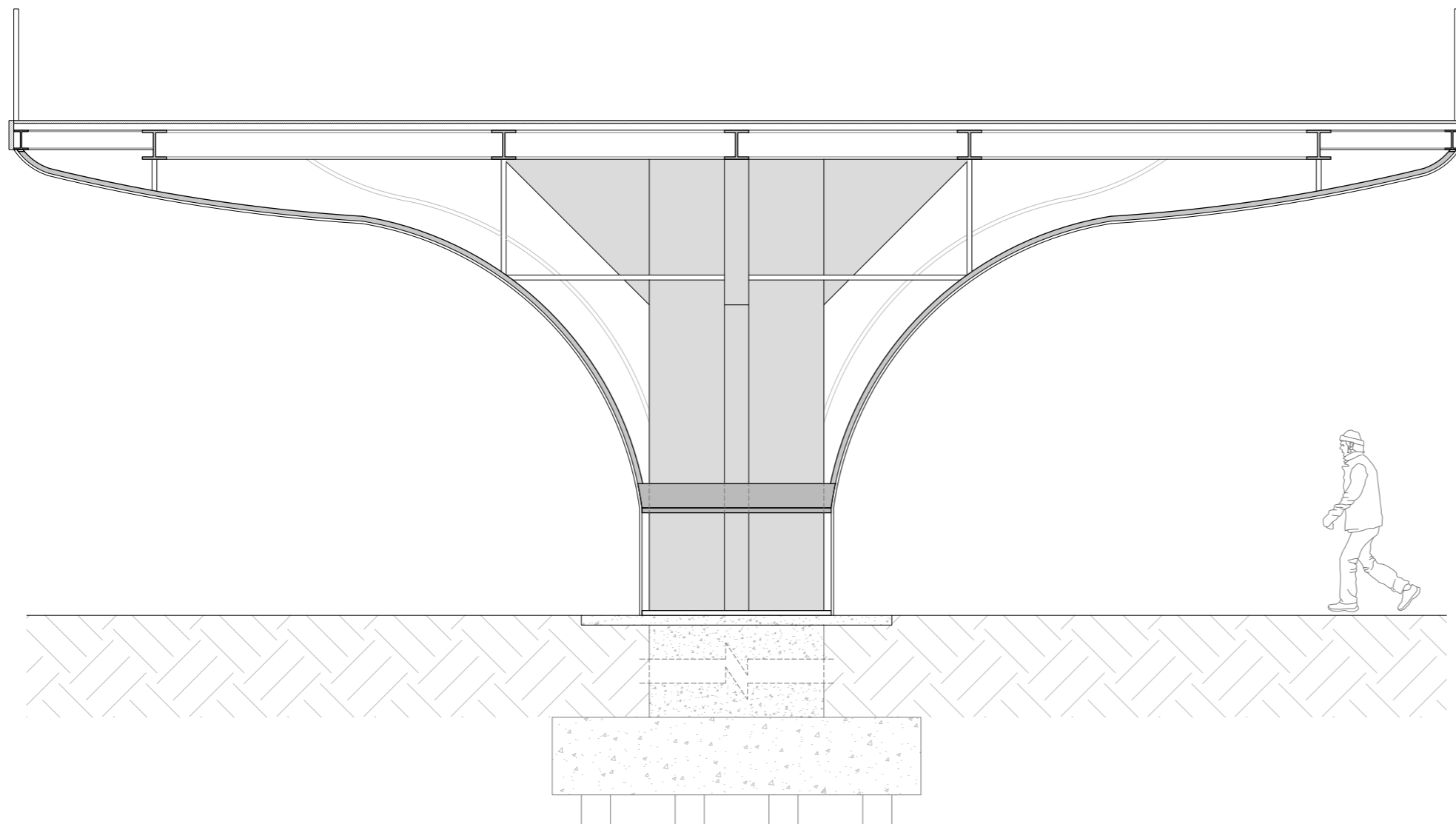
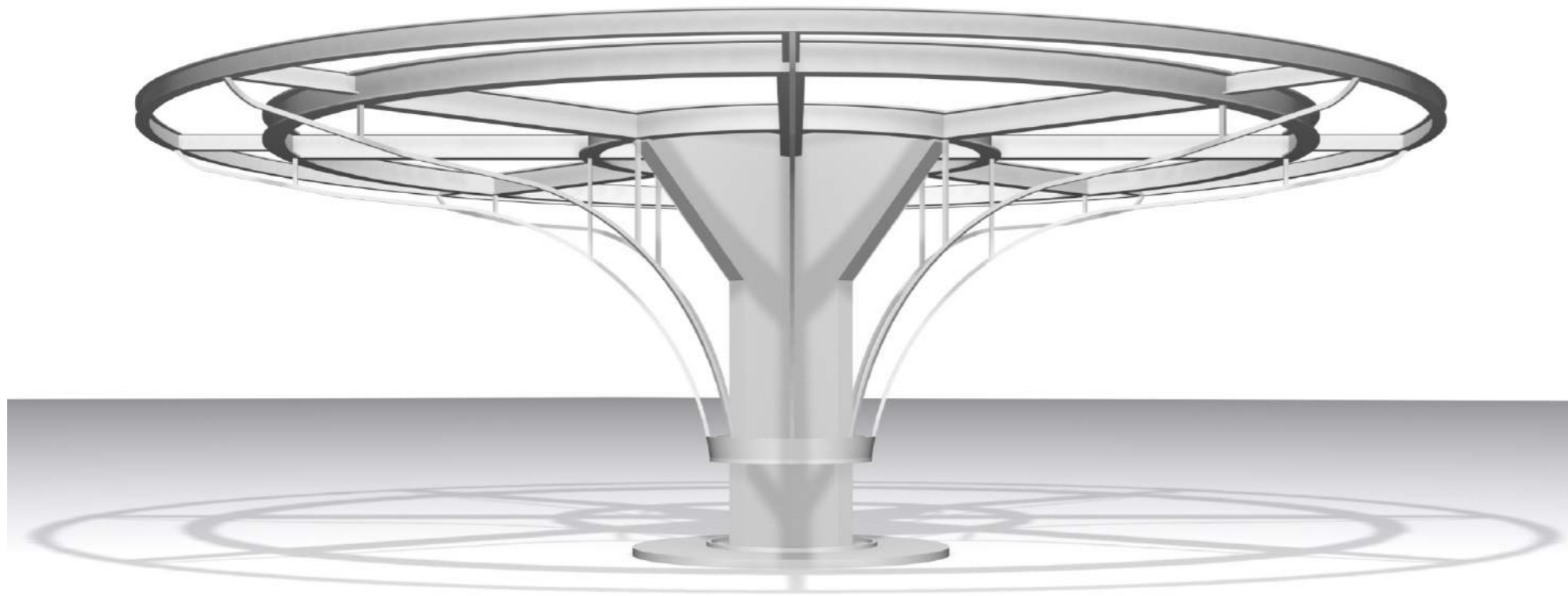




LOCATION



# STRUCTURE





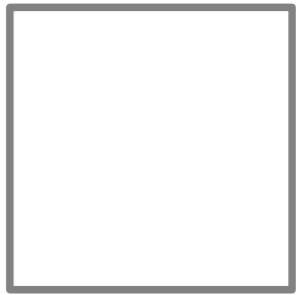
How to create a glass house in the middle of  
Amsterdam and make it totally private?



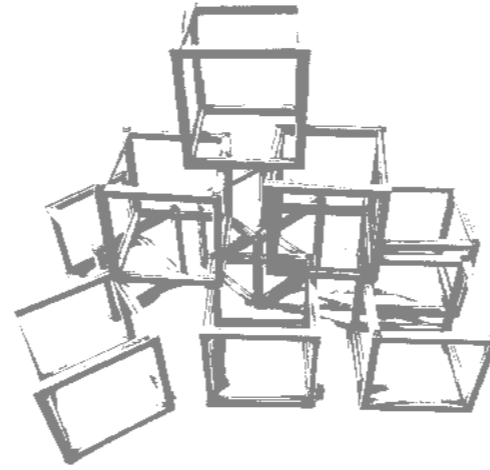
4

GLASS HOUSE

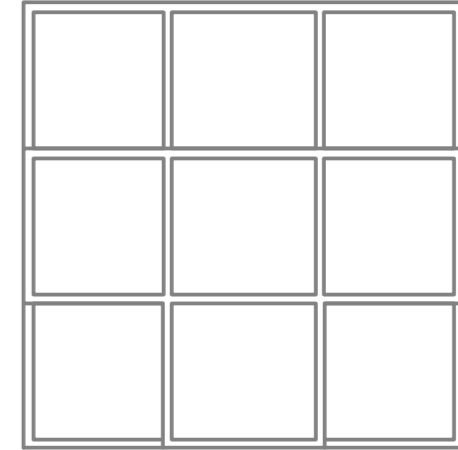




primitive shape

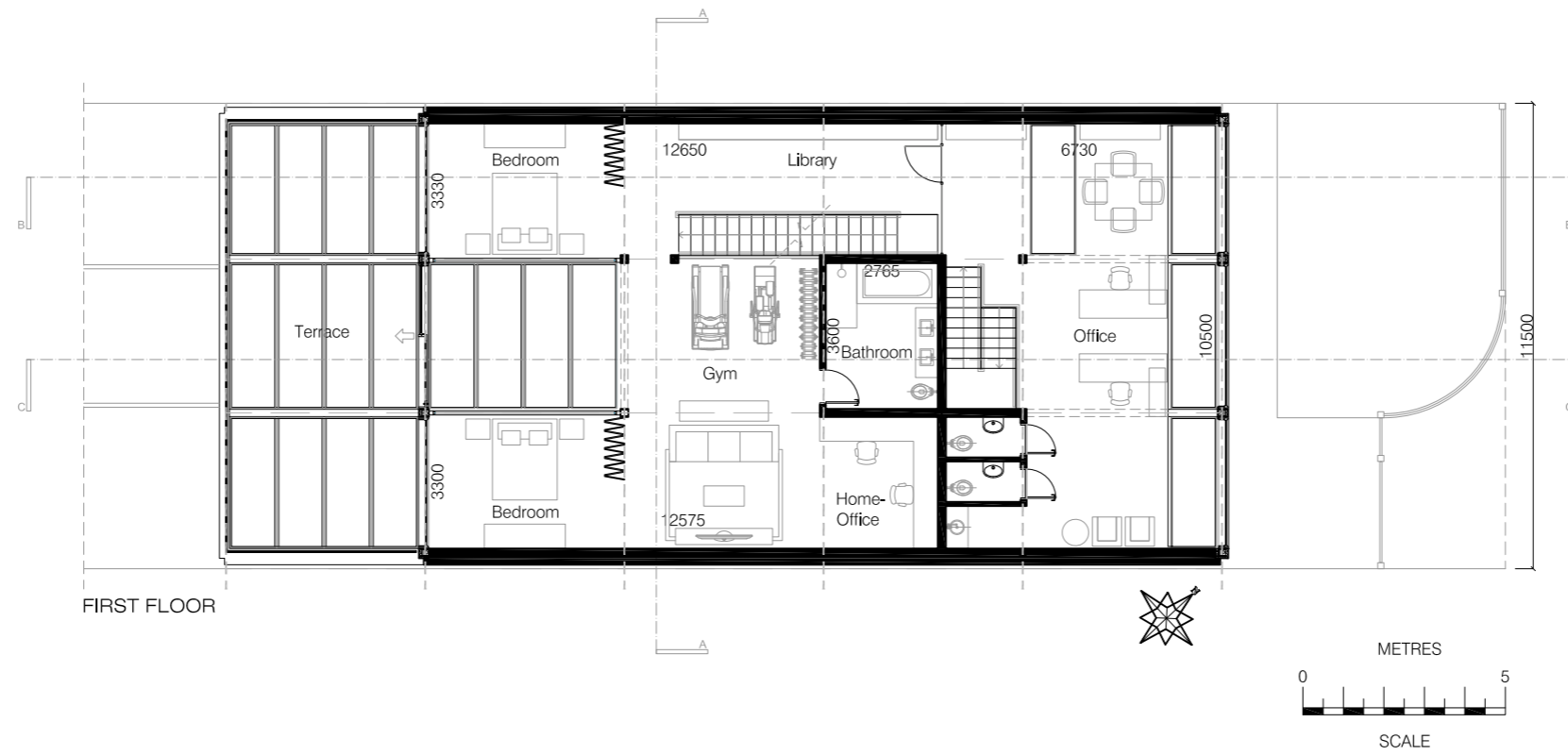
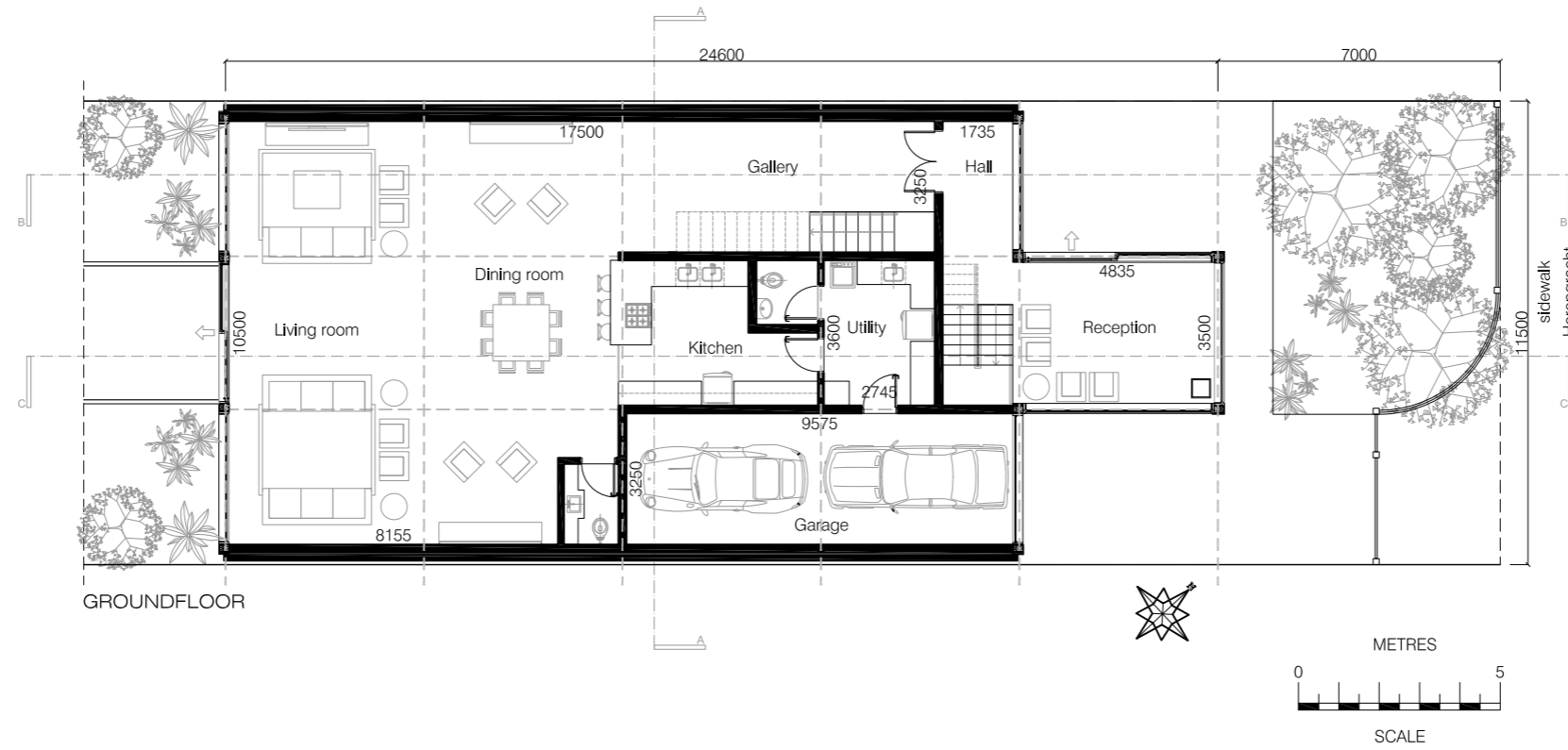


composition



arranged symmetry

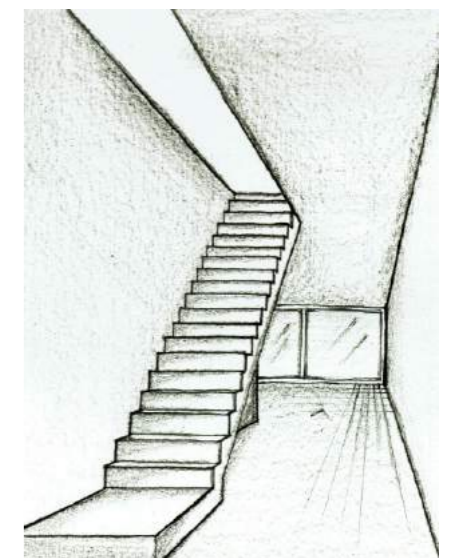
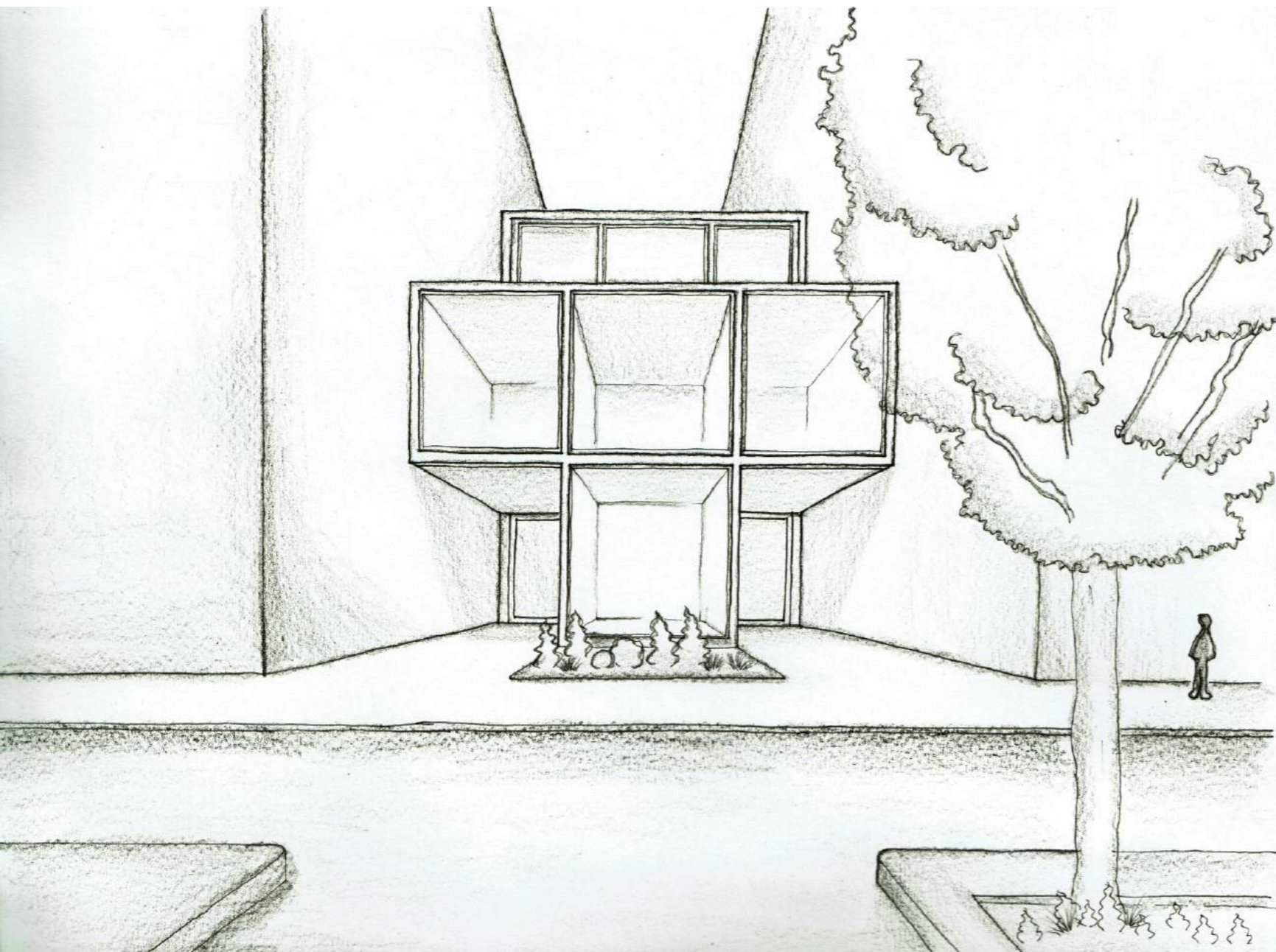
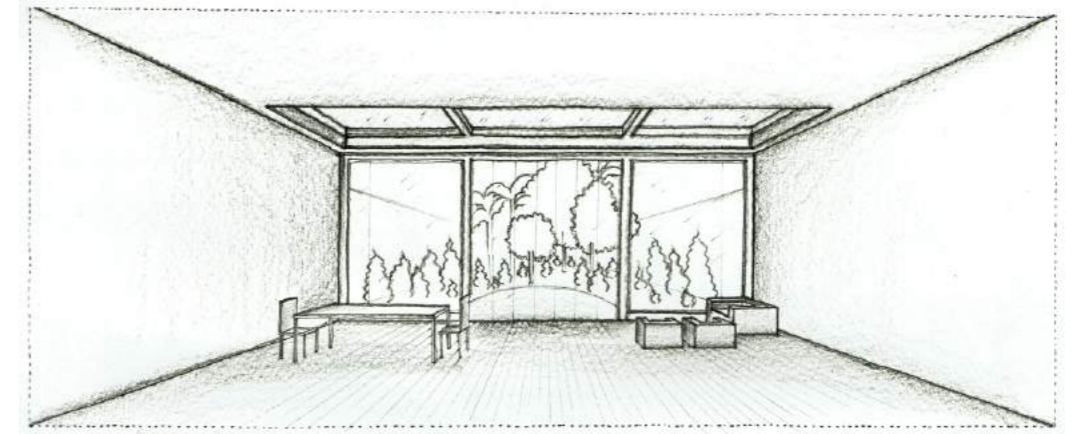




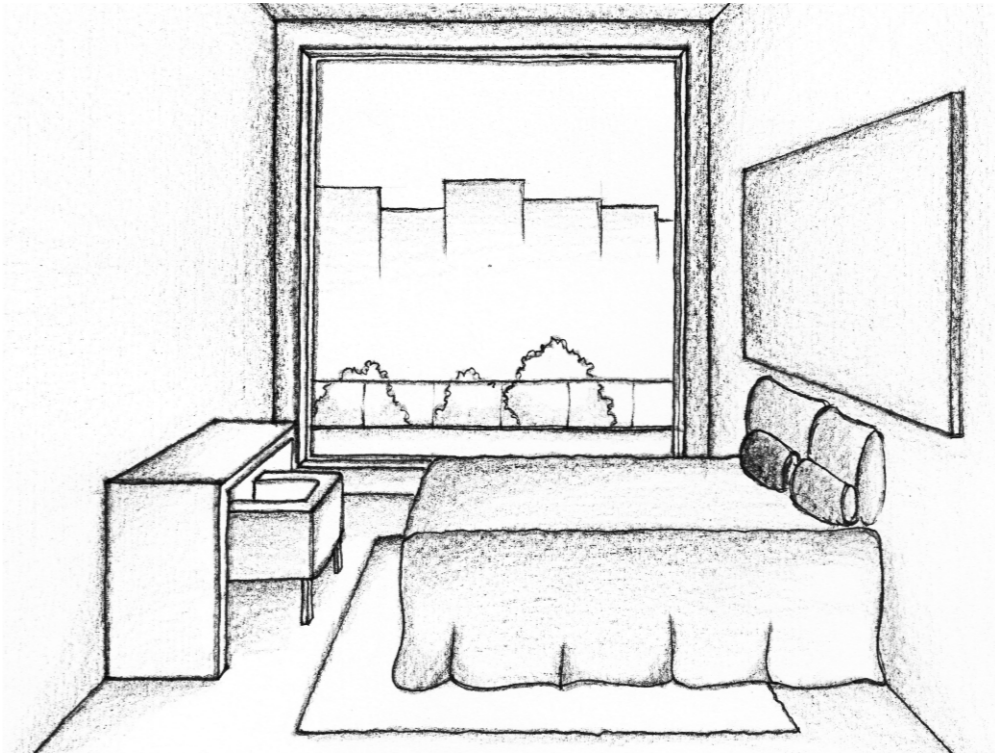
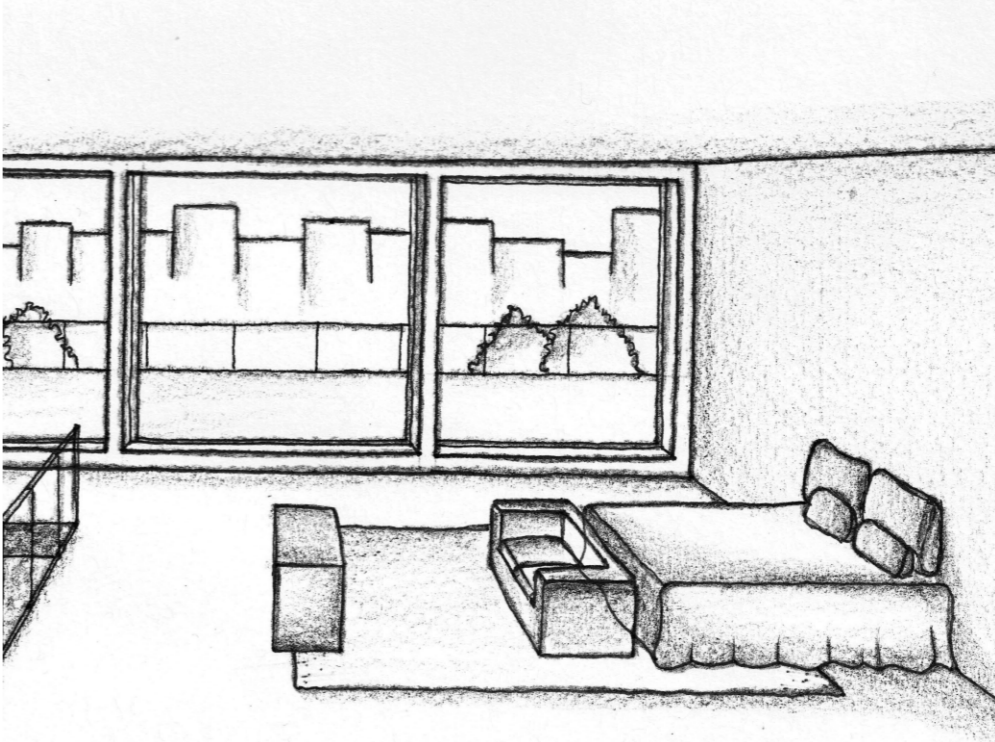












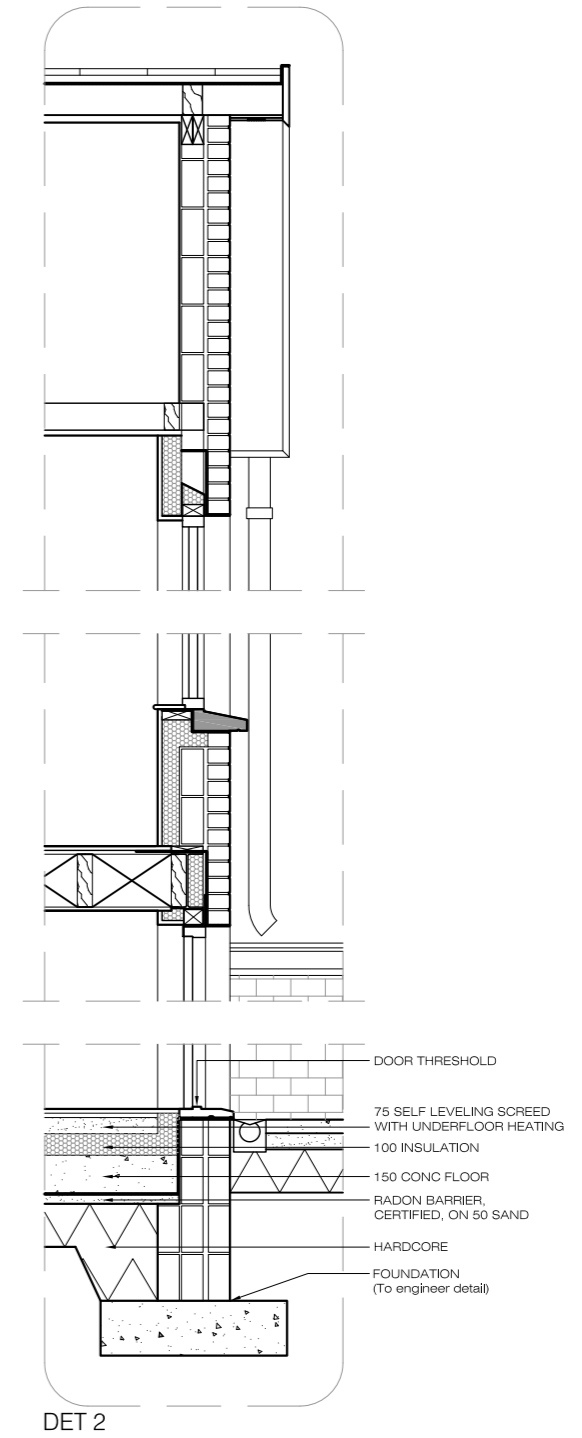
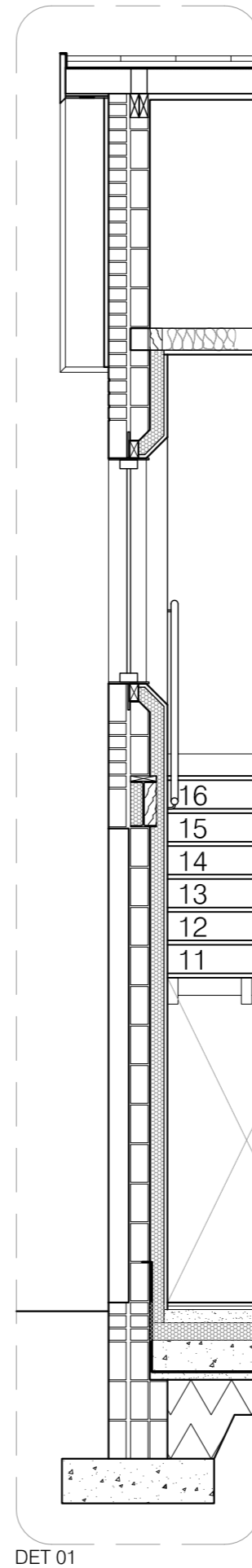
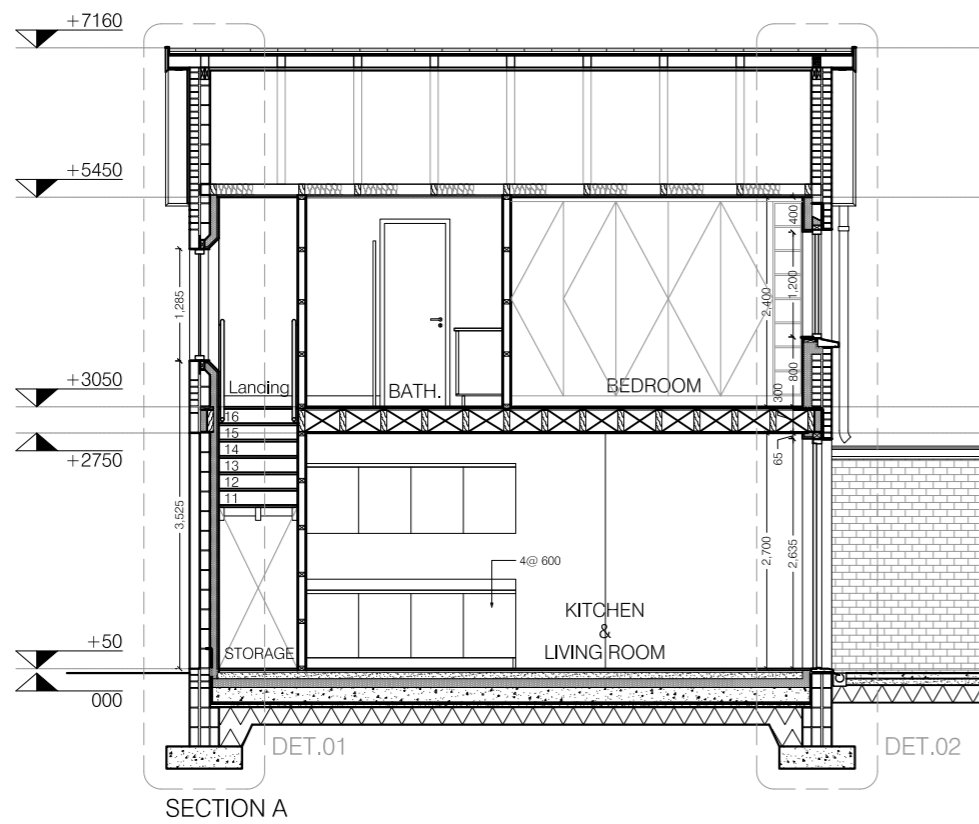
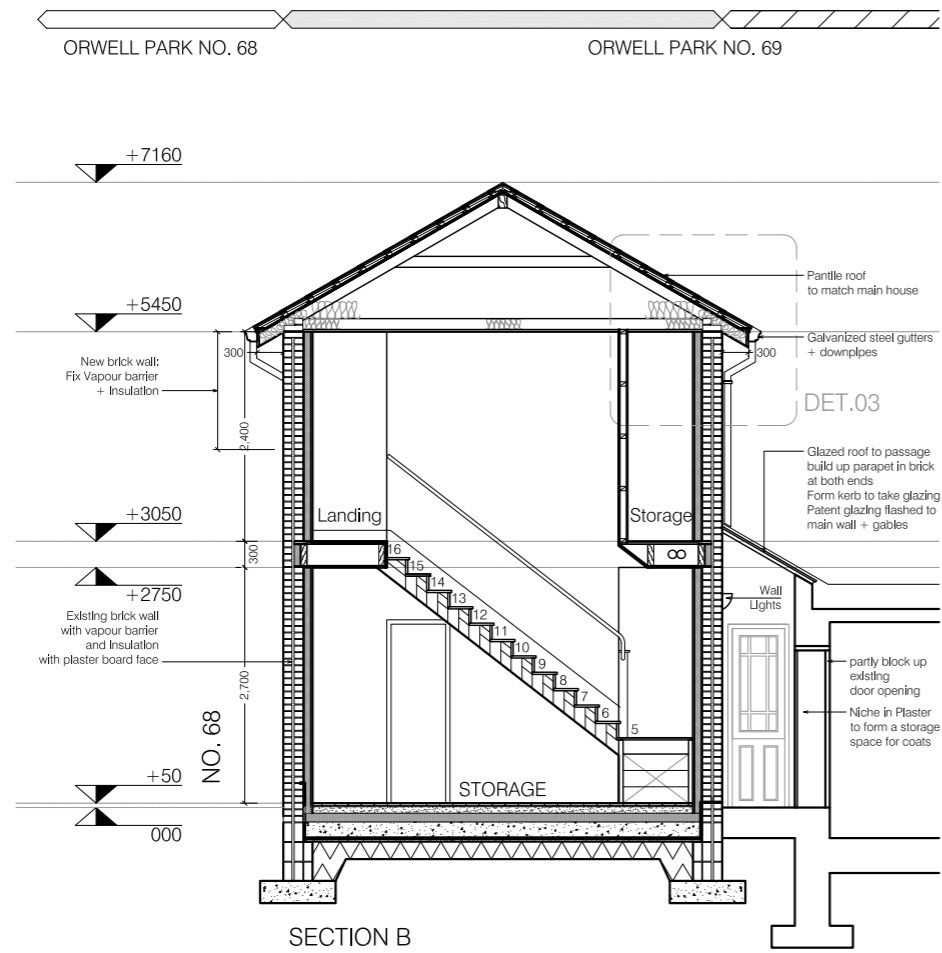




5

ORWELL PARK HOUSE - DUBLIN









6

THE TOURIST CENTER



