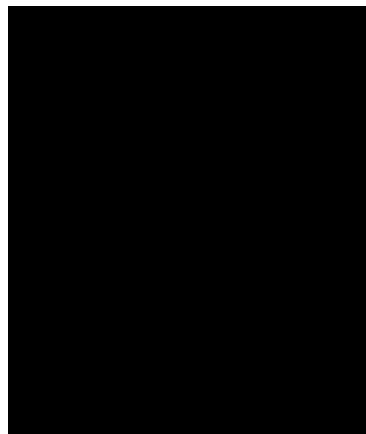


YOUTH CENTRE

Pod Jelením Skokem , Karlovy Vary
Mark Boros

Summer Semester 2023 / 2024

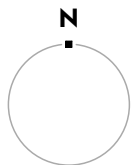
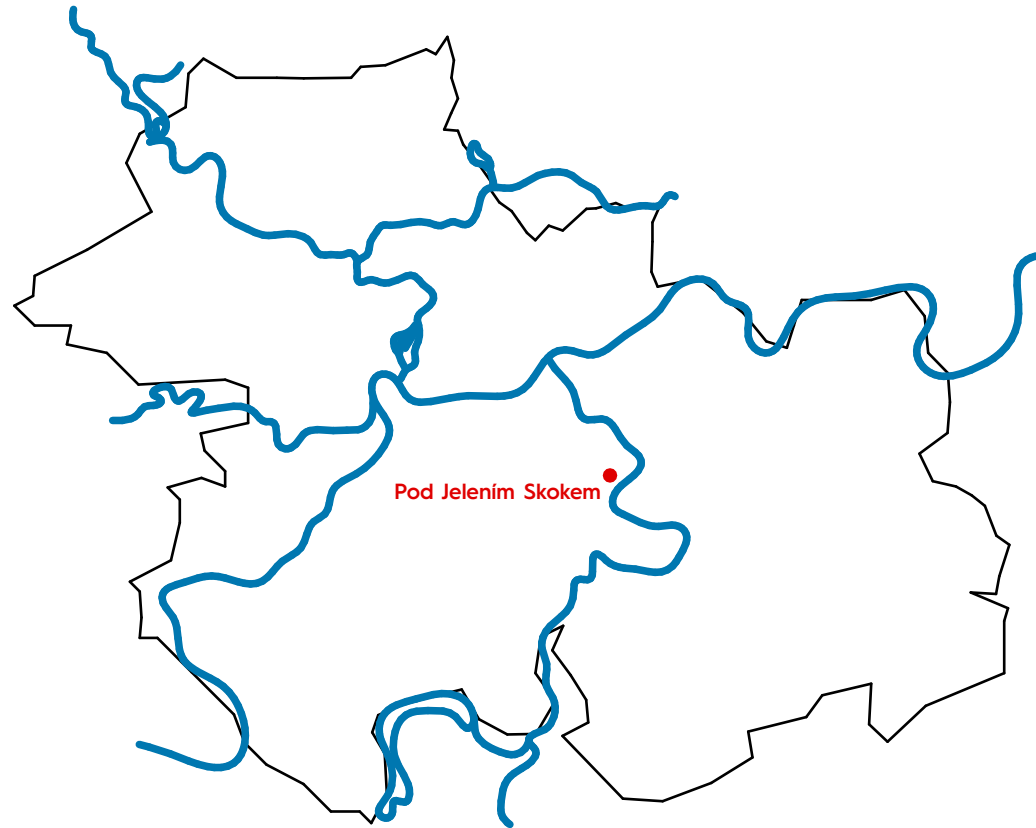
CTU Prague - Faculty of Architecture I Dep. of building theory
Studio Šestáková Dvořák



Pod Jelením Skokem
Lucny vrch
1082, 1083, 1084

Mark Boros (HU)
AD2

KARLOVY VARY



GENERAL INFORMATION

Location: Czech Republic, Karlovy Vary, Pod Jelením Skokem
Function: Youth centre
Area: 450 m²
Maximum height: 21,65 m

The building site is located within Pod Jelením Skokem area, on a narrow and elongated triangular corner. It is bordered on two sides by street and on one side by a firewall of a monument building. The site is located on a sloping terrain with an existing parking lot and a few trees. The strength of the site is that it is on a hillside with a very nice view, which would be a key element of the design.

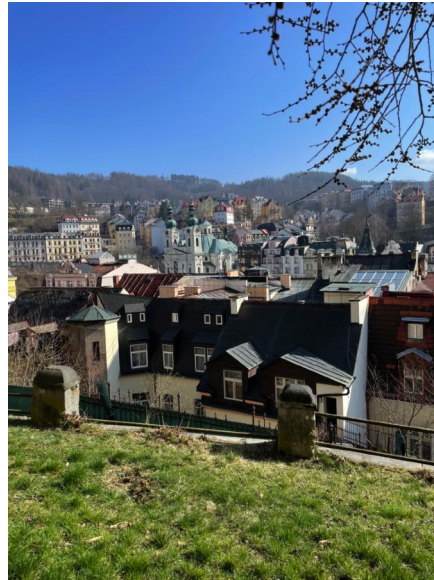
The function of the building is a centre for young people, where they can study alone or in groups, do creative activities or just relax. The aim is to provide a space and facilities where young people can learn about activities they are interested in, such as IT, art, music, crafts. The building will also provide a dining area and a community roof garden.

The main concept is to keep the landscape character of the site and find a connection with the monument building. To get the mass of the building I started from the shape of the site and the high firewall of the neighbouring building. As I wanted to preserve the views of the neighbouring buildings, I didn't raise some parts of the roof above the second level. Taking advantage of the slope of the site I started dividing the levels to downwards. It divides the building into a flexible area and a static area. The connection to the monument building was made by vertically extending the roof straight up to the firewall. The roof structure of the building is partly sloped and partly vertical, creating a community roof garden that flows up to the firewall and covers it with plants. To give the building more space, I have pull up a narrow mass along the firewall, hide by a green wall.

CURRENT STATE OF THE SITE



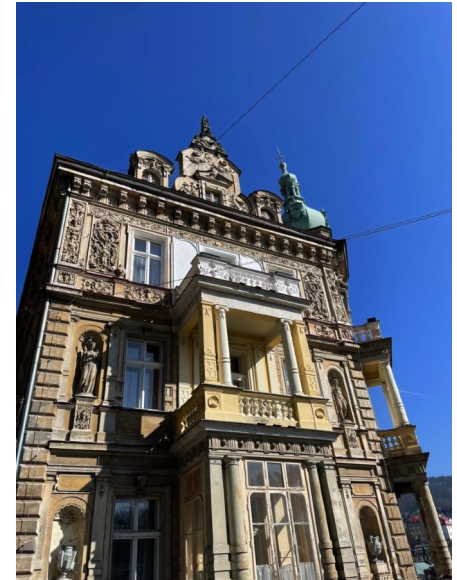
Parking area in the edge
of the site



View towards East

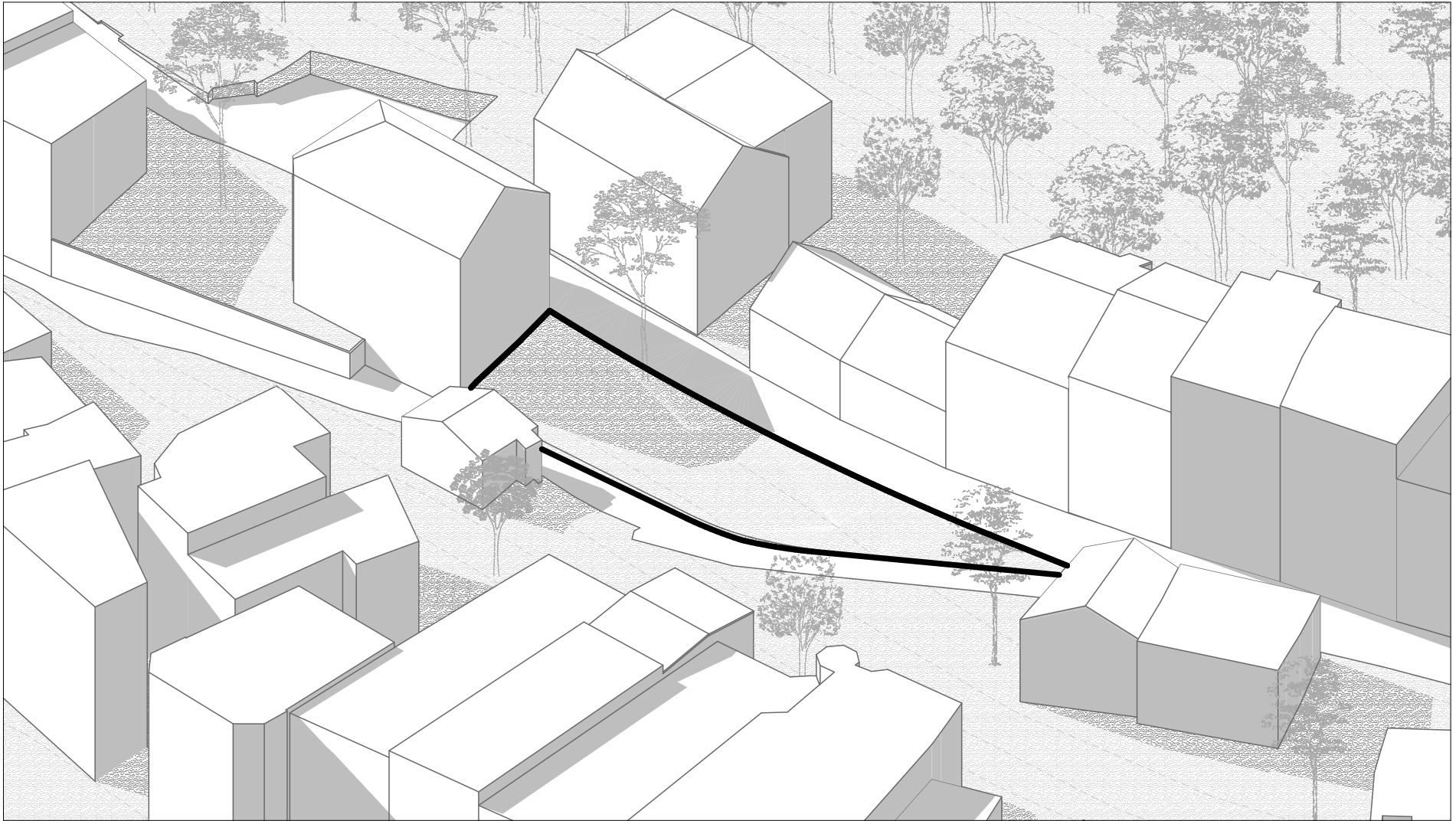


View towards South



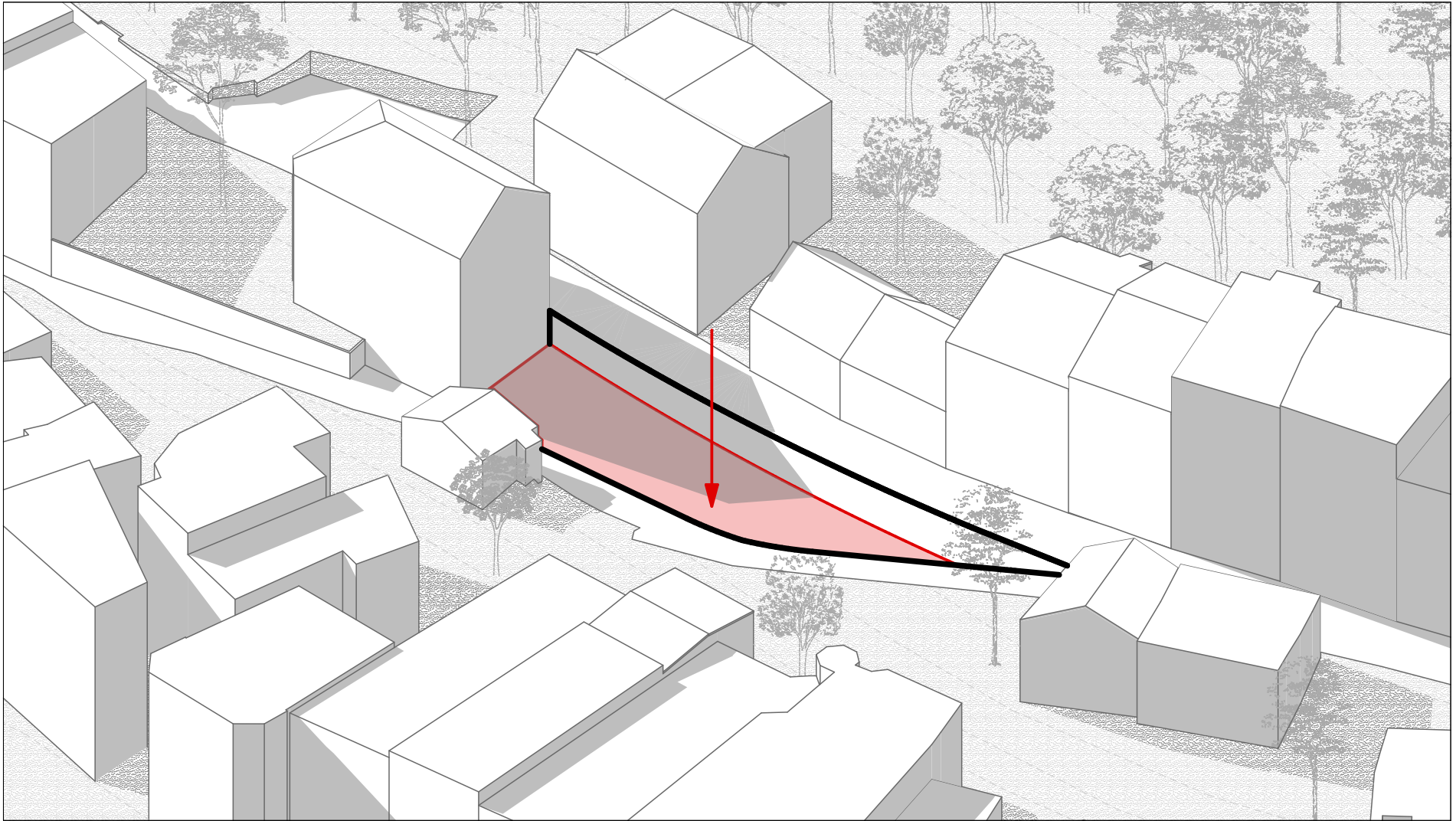
Neighbouring monumental
building

CONCEPT DESIGN



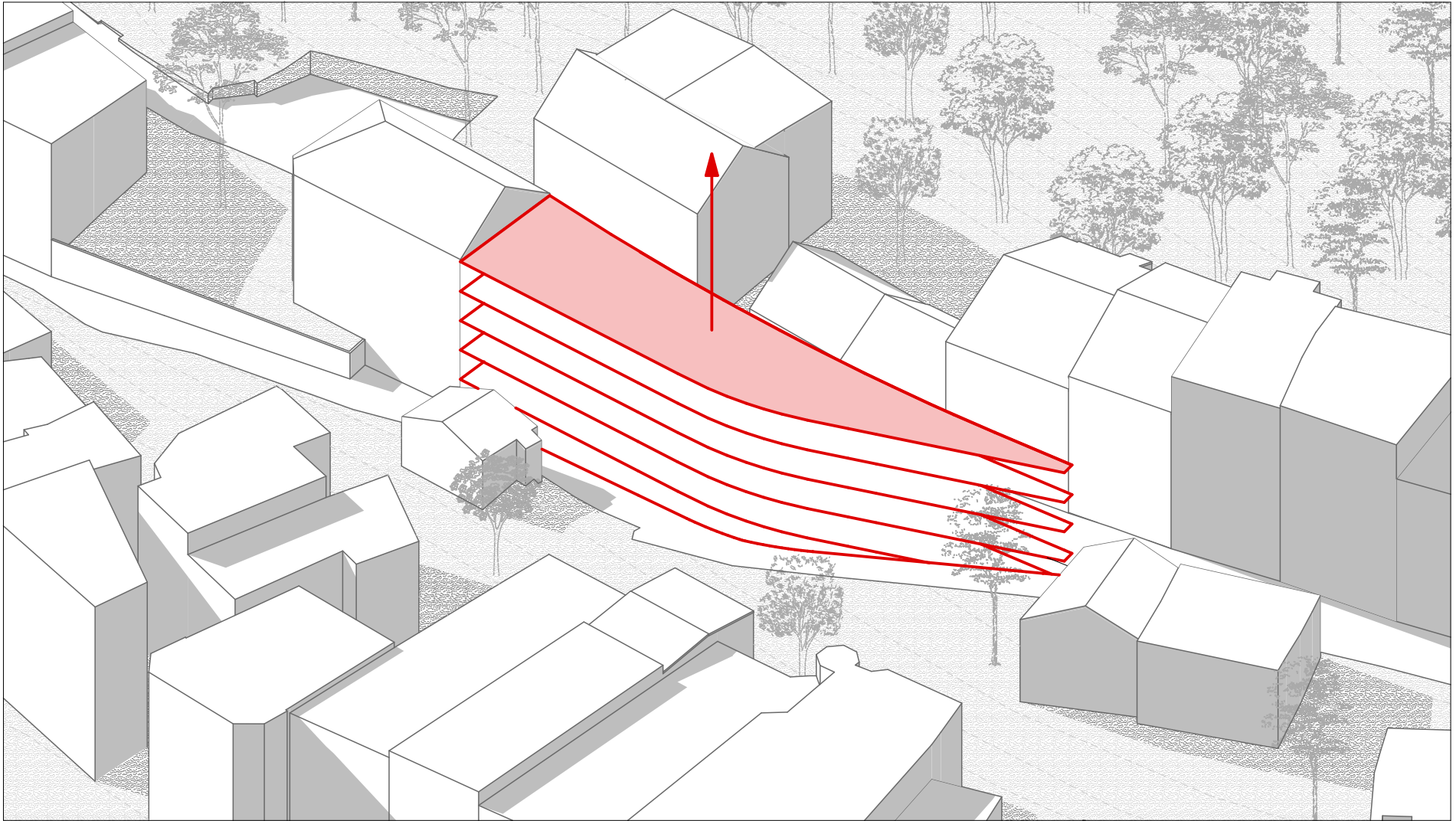
Current state of the site

CONCEPT DESIGN



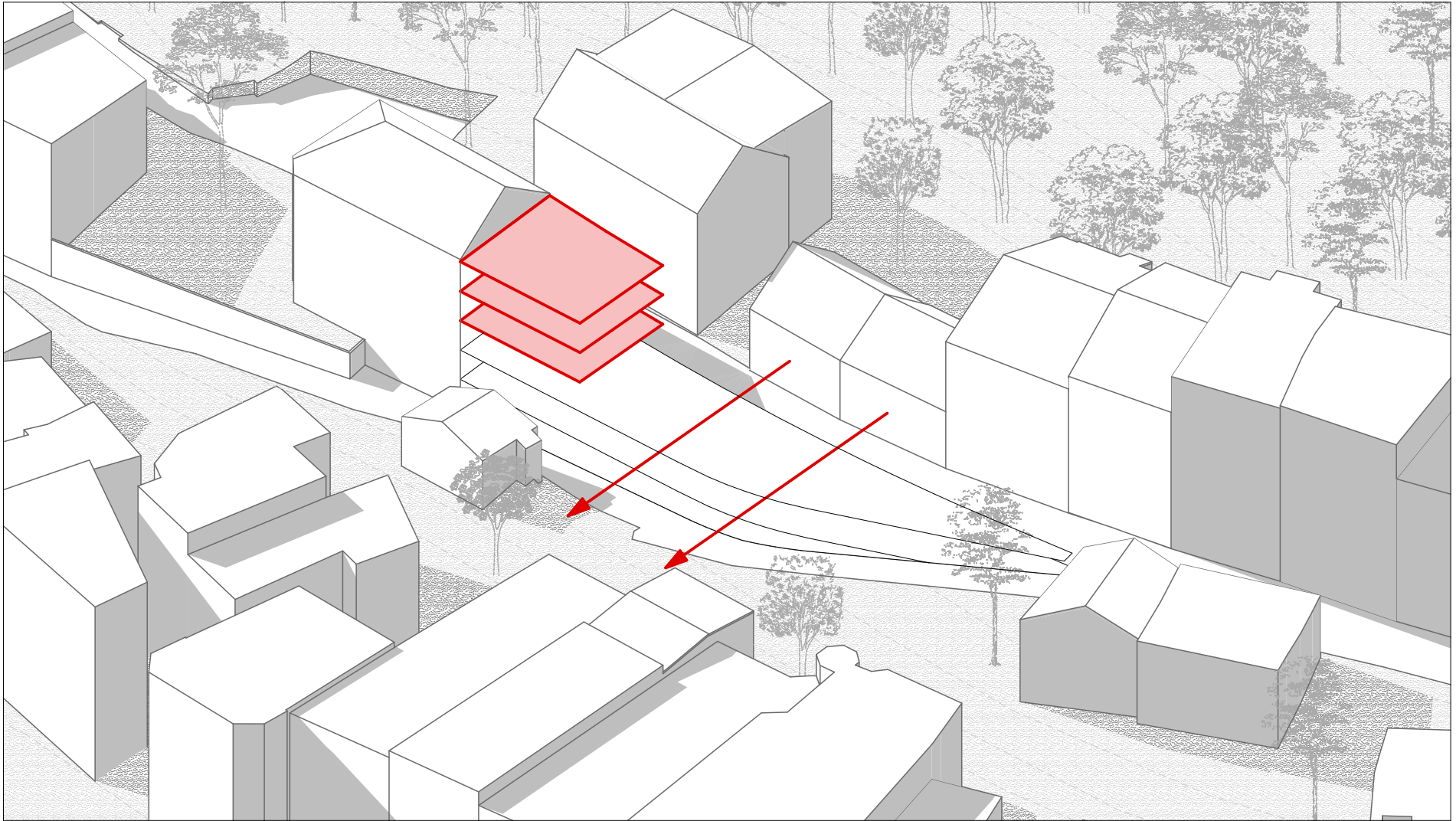
Sinking the ground for the basement floor and determine the shape of the building

CONCEPT DESIGN



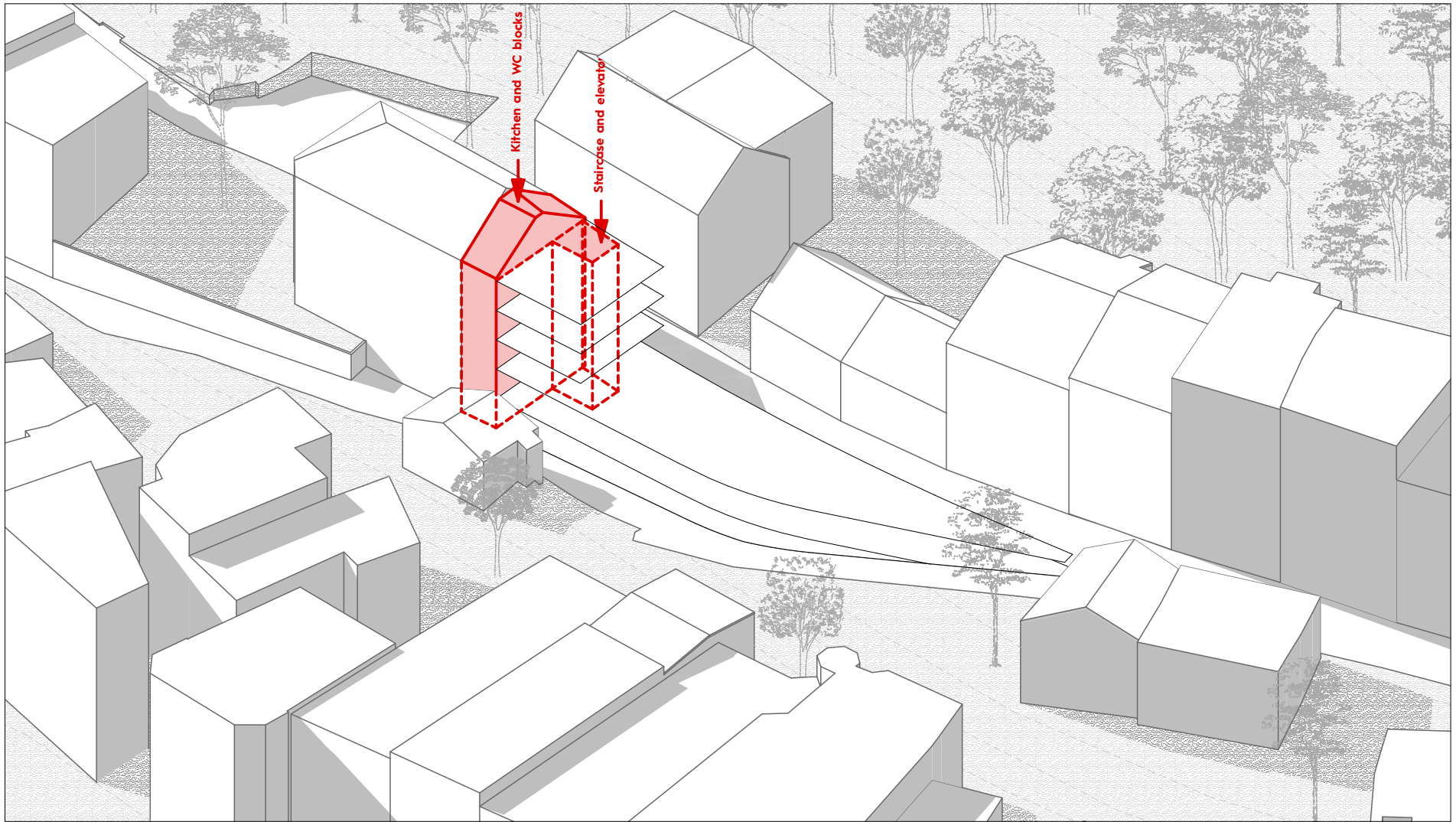
Allocating the levels

CONCEPT DESIGN



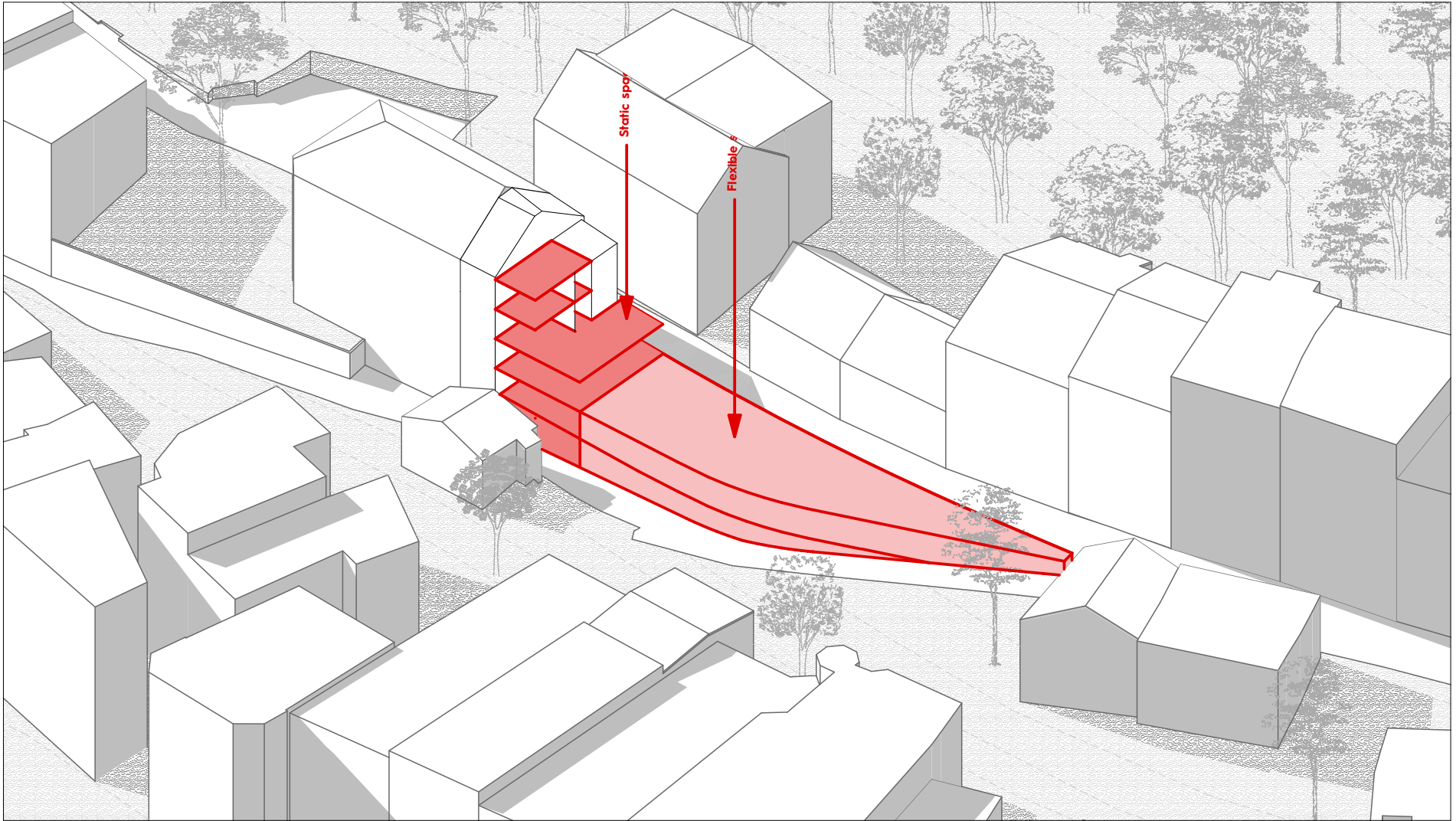
Allow sunlight for the neighbour buildings with reducing slabs above first floor

CONCEPT DESIGN



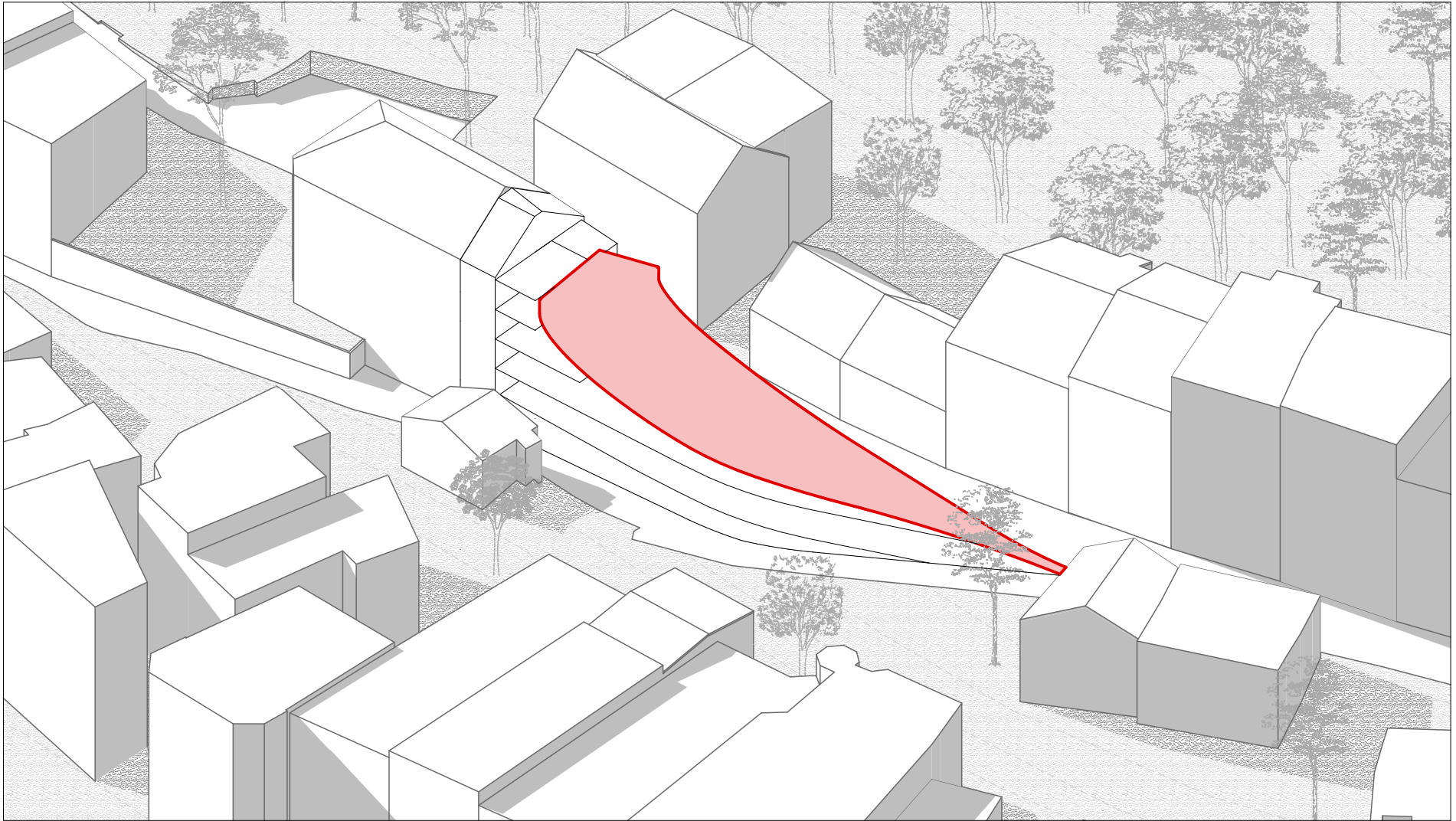
Set the staircase and the elevator, connect with a similar shape to the monumental building

CONCEPT DESIGN



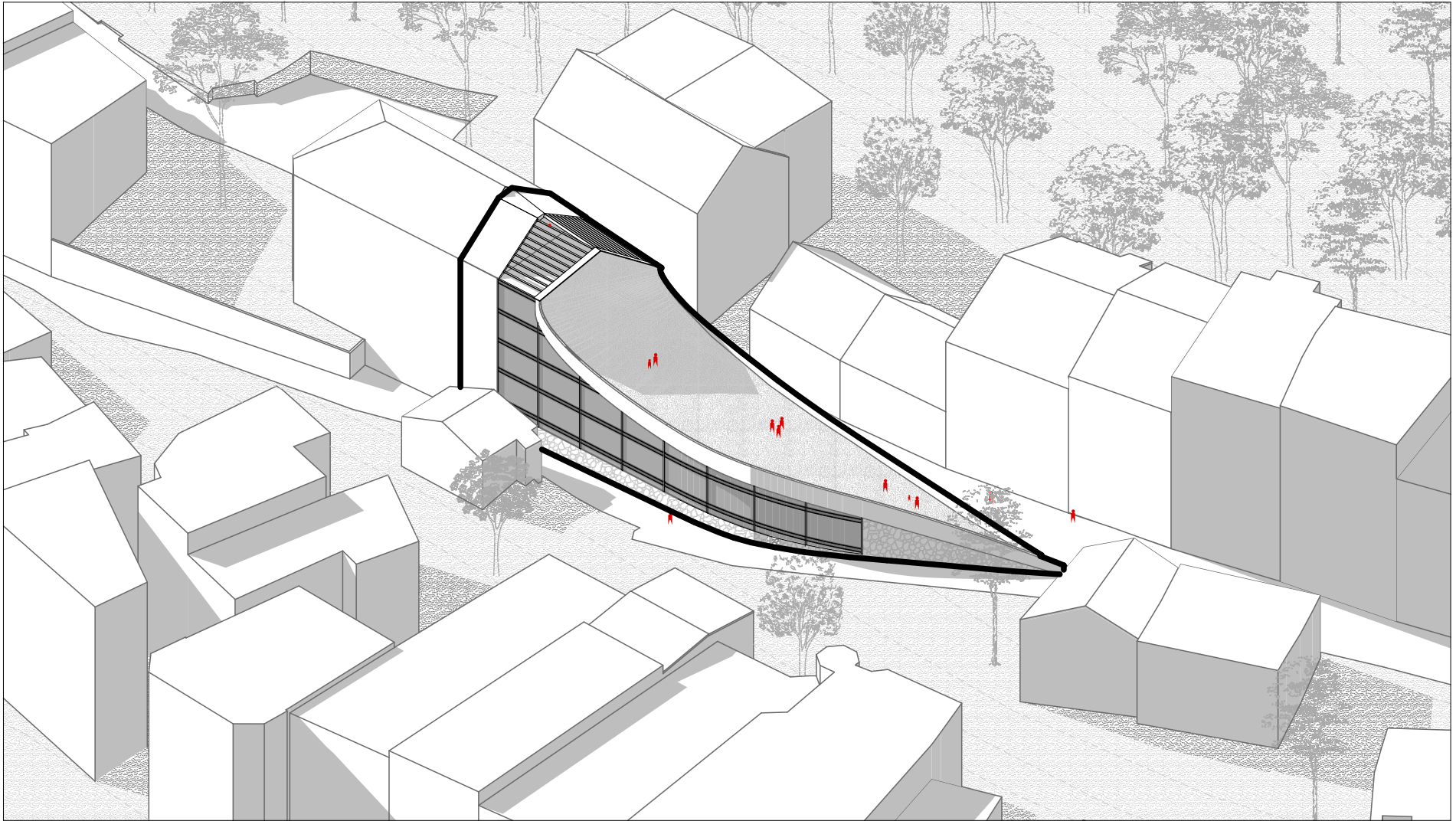
Split the building into a static and a flexible side

CONCEPT DESIGN

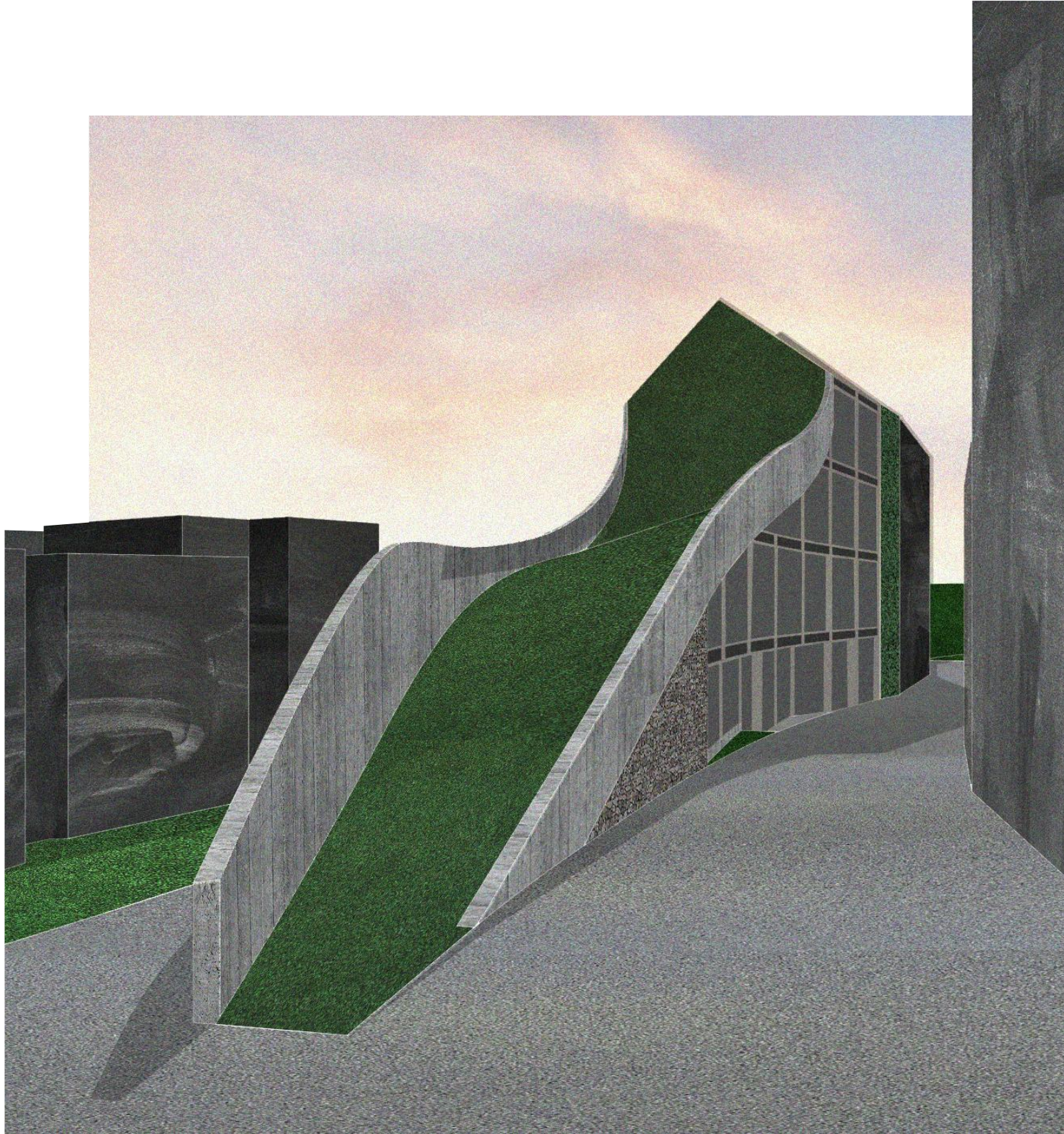


Determining the final shape of the roof

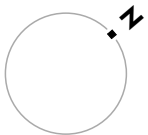
CONCEPT DESIGN



Determining the final appearance of the building



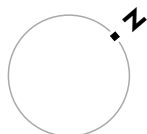
SITE



1 : 500



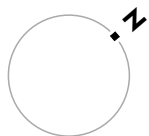
BASEMENT FLOOR



1 : 250



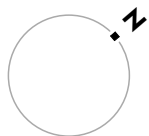
GROUND FLOOR



1 : 250



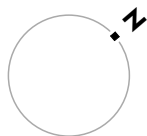
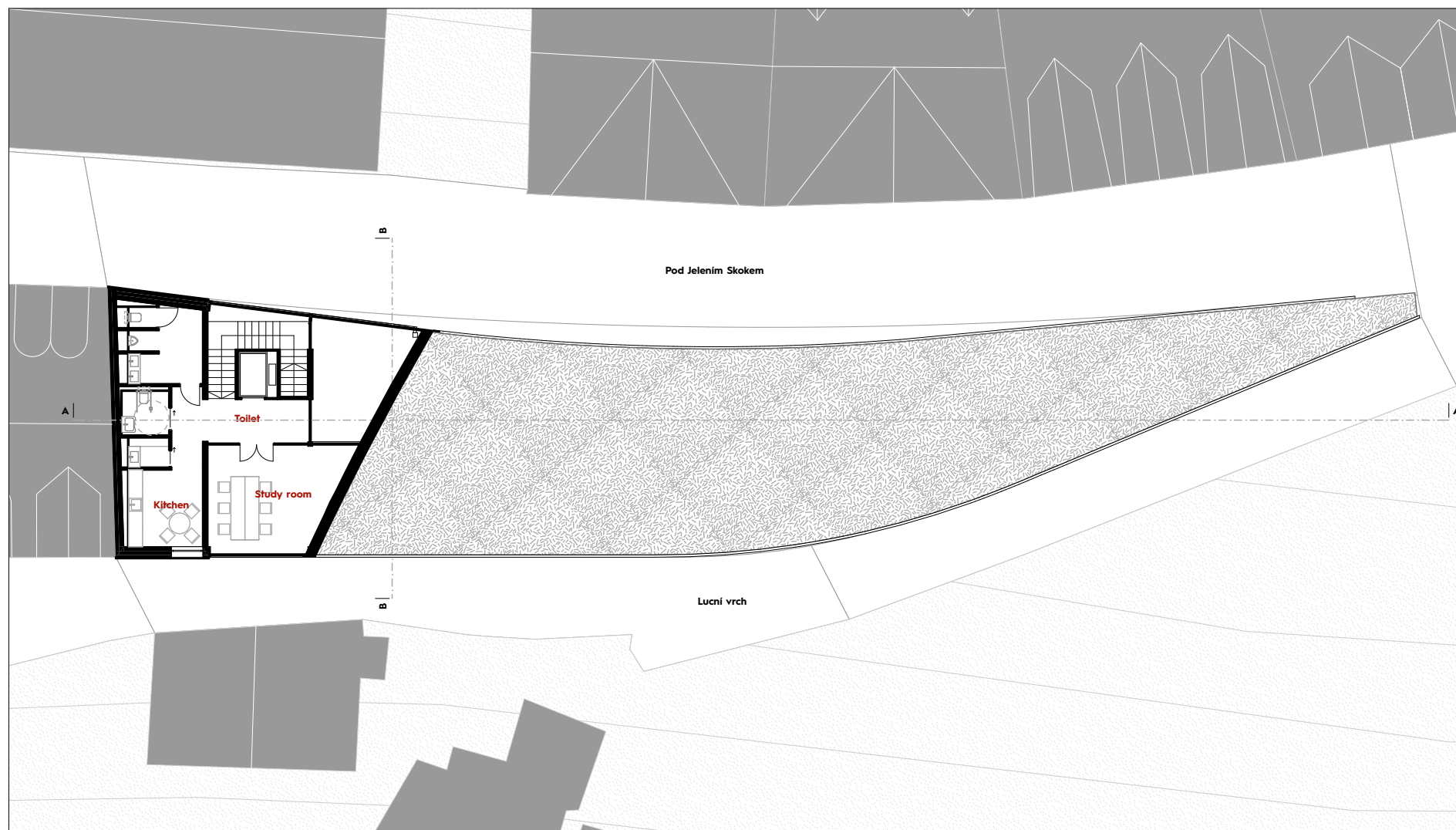
FIRST FLOOR



1 : 250



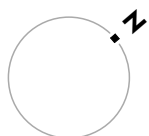
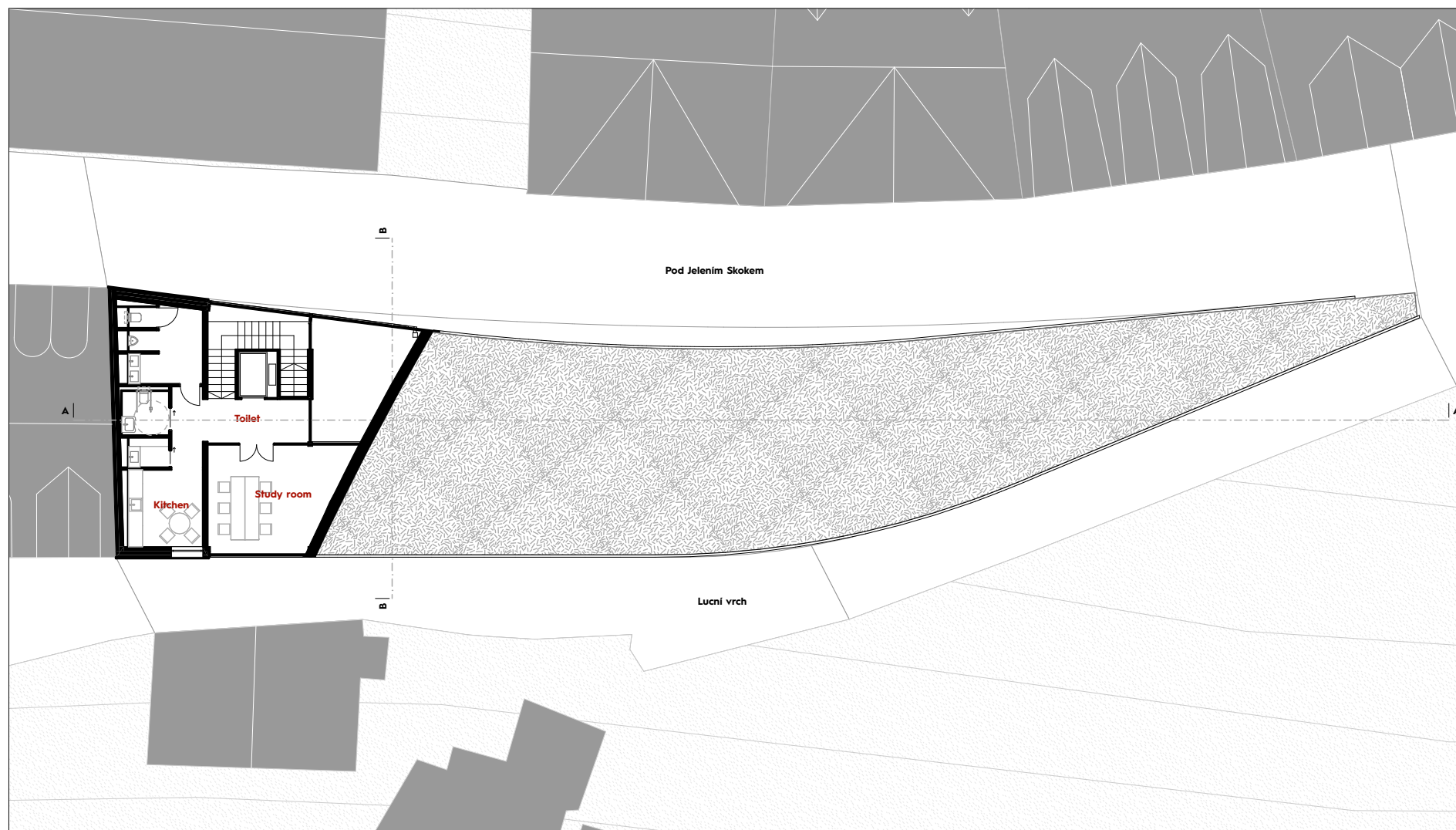
SECOND FLOOR



1 : 250



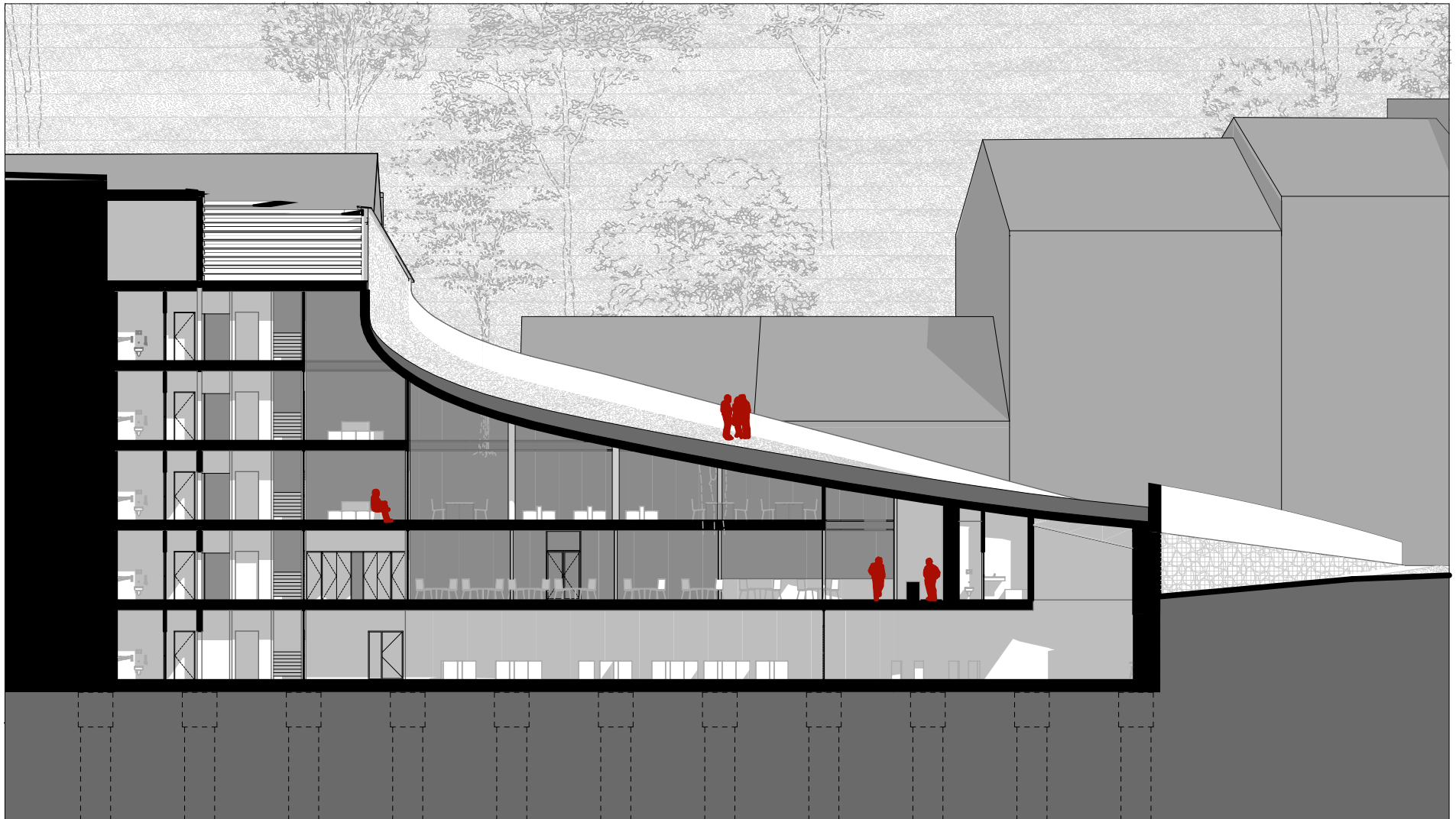
THIRD FLOOR



1 : 250



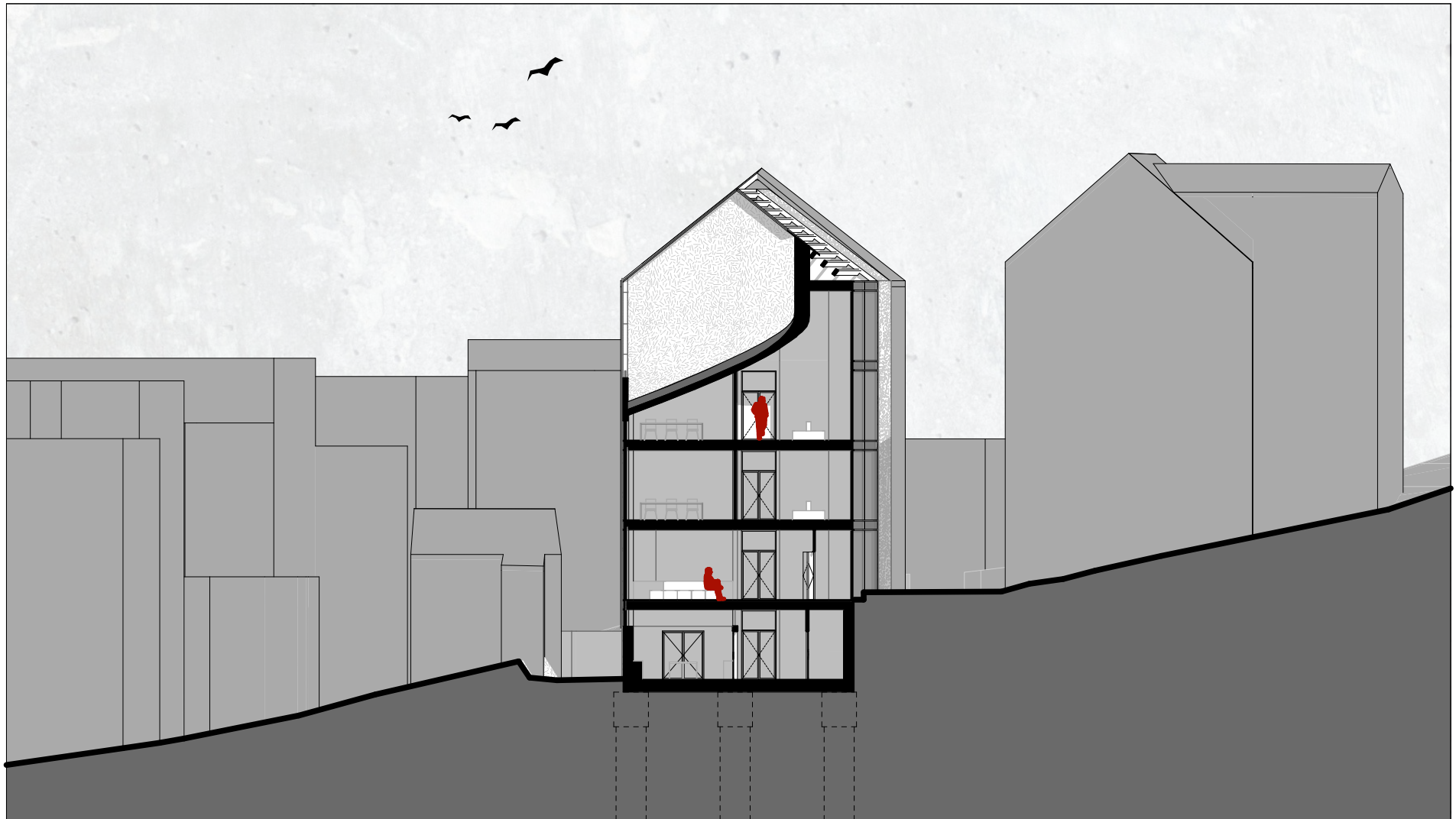
A - A SECTION



1 : 250

1 5 10

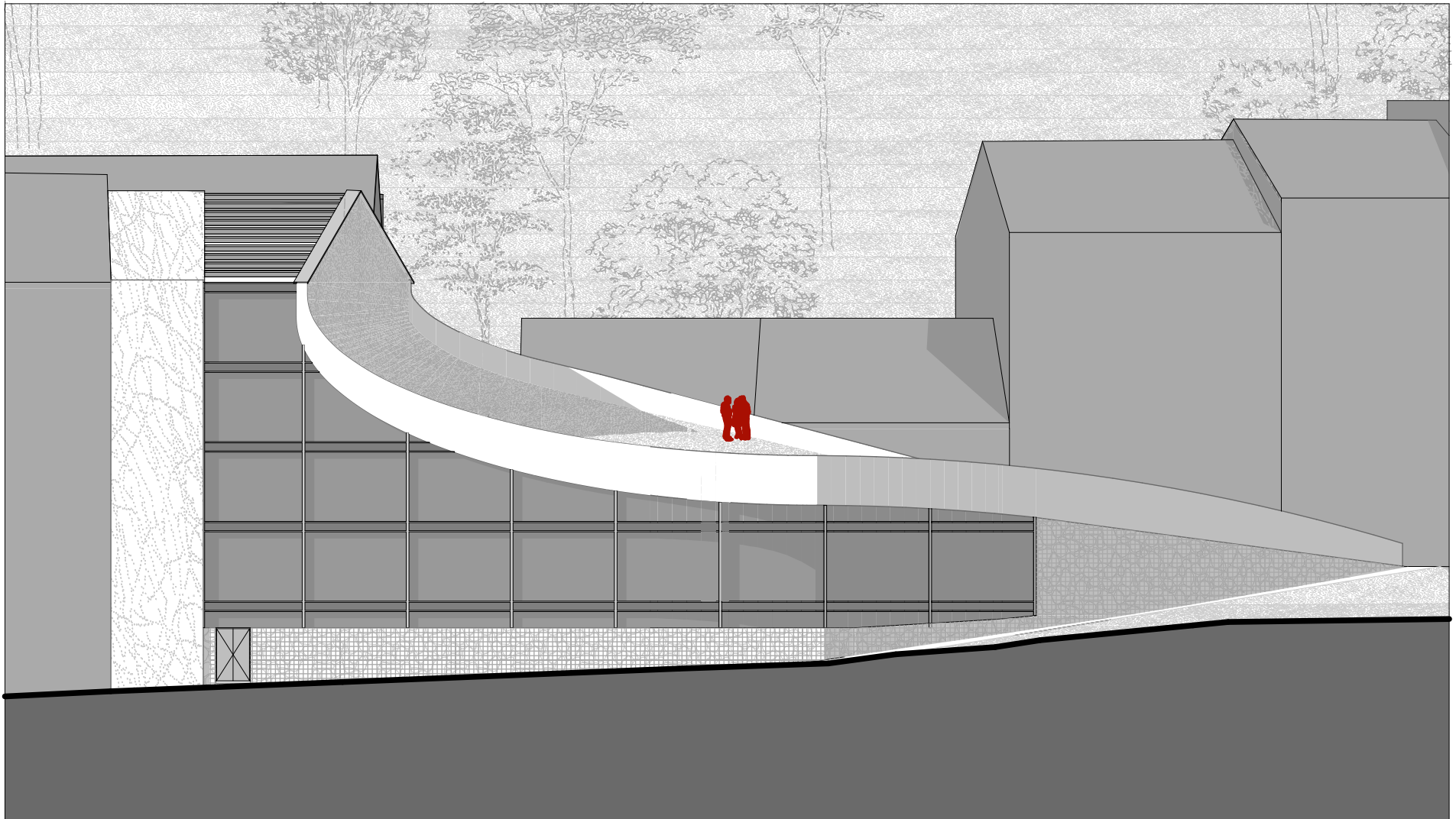
A - A SECTION



1 : 250

1 5 10

SOUTH / EAST ELEVATION



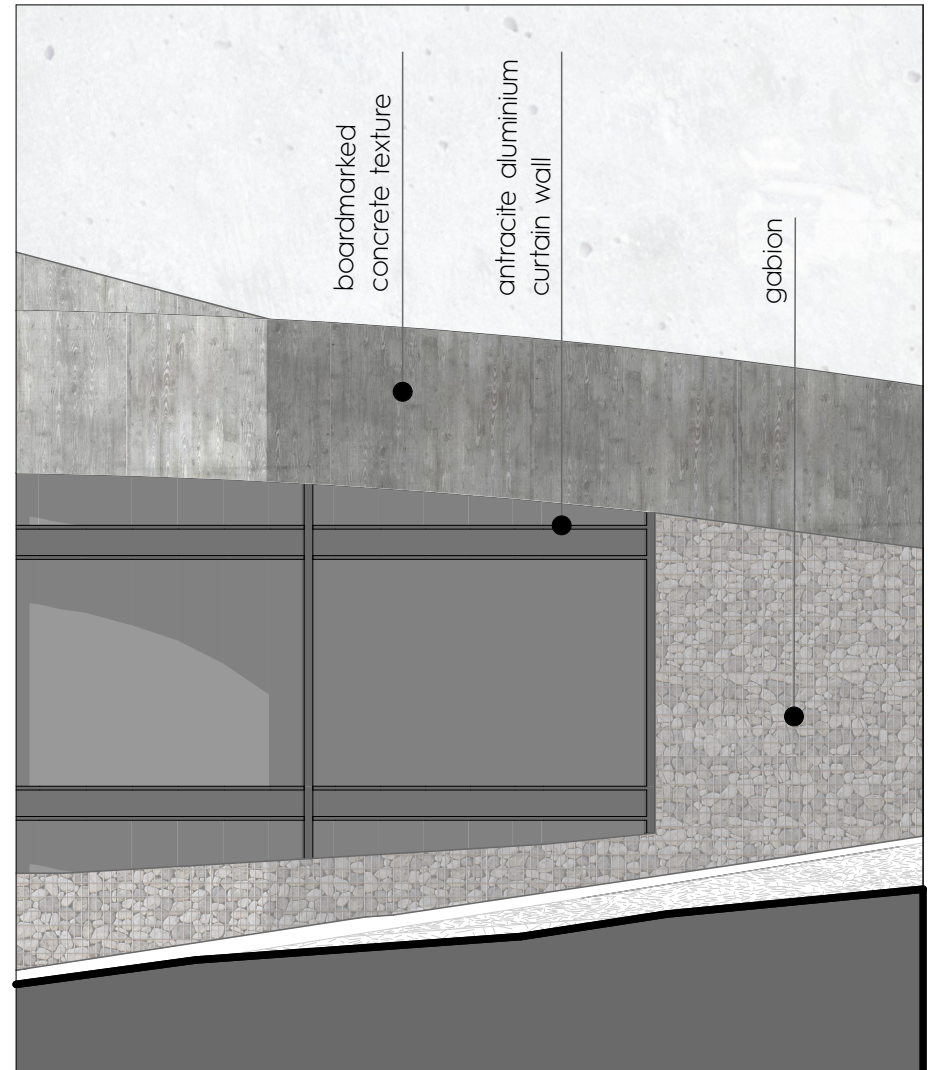
1 : 250

1 5 10

SOUTH / EAST ELEVATION - ELEVATION CUT OUT

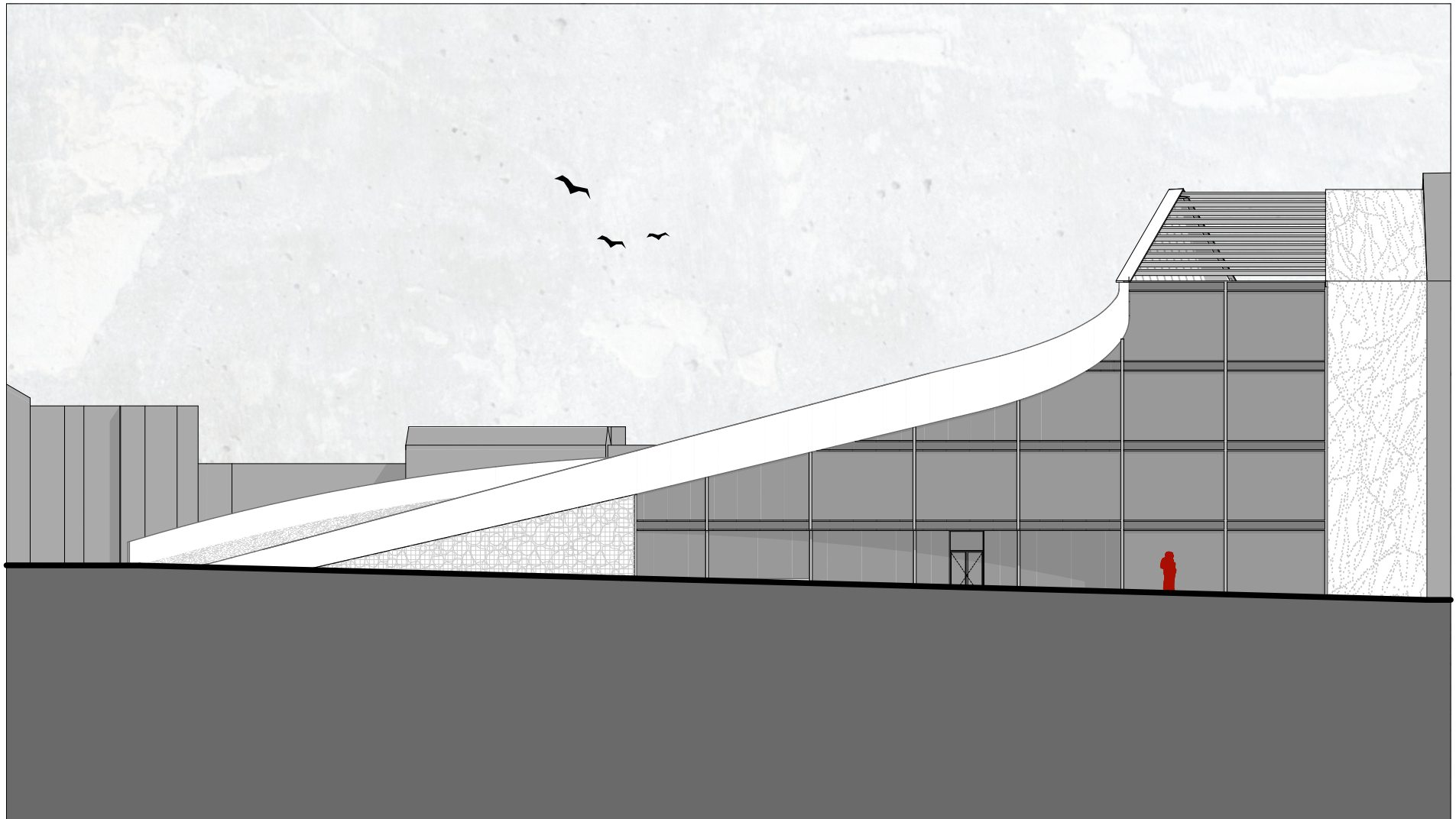


1 : 250



1 : 100

NORTH / WEST ELEVATION



1 : 250

1 5 10