



Jean de Carro Senior Housing

Karlovy Vary, Na Vyhlídce

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WS 23/24

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Table of Contents

Introduction	4
Concept	5
Location	6
Photos of surroundings	7
Historical development of site	8
Current site analysis	9
Design Ideology	10
Early sketches	11
Urban concept	12
Schwarzplan	14
Situation	15
Axonometry	16
Floor plans	18
Sections	26
Wall detail	29
Elevations	30
Perspective views	34
Summary	38

Introduction



Aerial view of Sady Jeanna de Carro

Welcome to a world where historical elegance meets natural tranquility. Karlovy Vary, renowned for its serene spa atmosphere and rich cultural heritage, captivates with its thermal springs and picturesque landscapes. Amidst this enchanting setting lies Sady Jeanna de Carro, a haven nestled within Karlovy Vary's verdant embrace. Here, the blend of lush greenery and historical charm creates an idyllic canvas for architectural innovation and community living — a place where the essence of Karlovy Vary converges with the serene allure of Sady Jeanna de Carro.

Concept



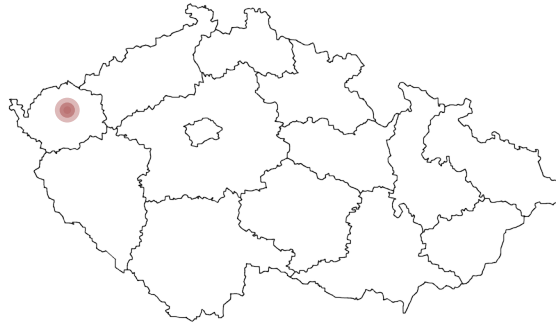
Aerial view of Jean de Carro Senior Housing

The featured project is a senior housing development nestled in the heart of Karlovy Vary, a city renowned for its serene spa atmosphere and historical charm. Situated in the picturesque locale of Sady Jeanna de Carro, this project integrates into the essence of Karlovy Vary, where tranquility meets elegance.

The Sady Jeanna de Carro area exudes a unique blend of natural beauty and cultural heritage, offering a peaceful retreat for residents. With its verdant landscapes and proximity to the city's iconic thermal springs, this site presents an ideal canvas for a senior housing initiative. The design philosophy behind this project is rooted in honoring the city's ambiance—creating a harmonious space that fosters a sense of community, well-being, and comfort for its elderly inhabitants.

The design ideology of this senior housing complex aims to blend into the stunning landscape of Karlovy Vary, while also catering to the specific needs of its senior population. It's a testament to the integration of contemporary design within a historically rich and naturally serene environment, offering a haven where residents can relish the city's ambiance while enjoying a high quality of life.

Location

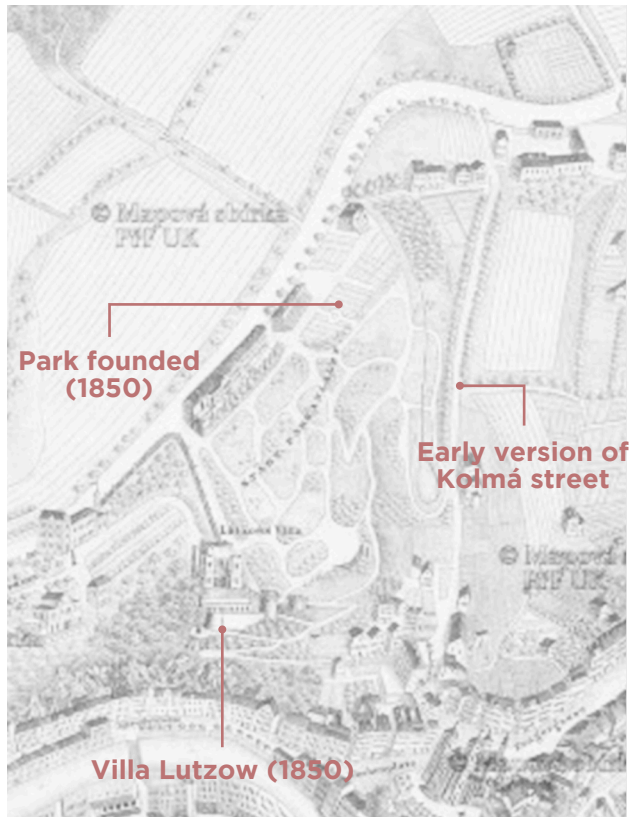


Na Vyhlídce is located in the historical part of Karlovy Vary, on the cusp of an incredibly steep valley. While this creates some glaringly obvious challenges in regards to the site's topography, it also comes with the tremendously stunning view of a unique Czech city.

Photos of surroundings



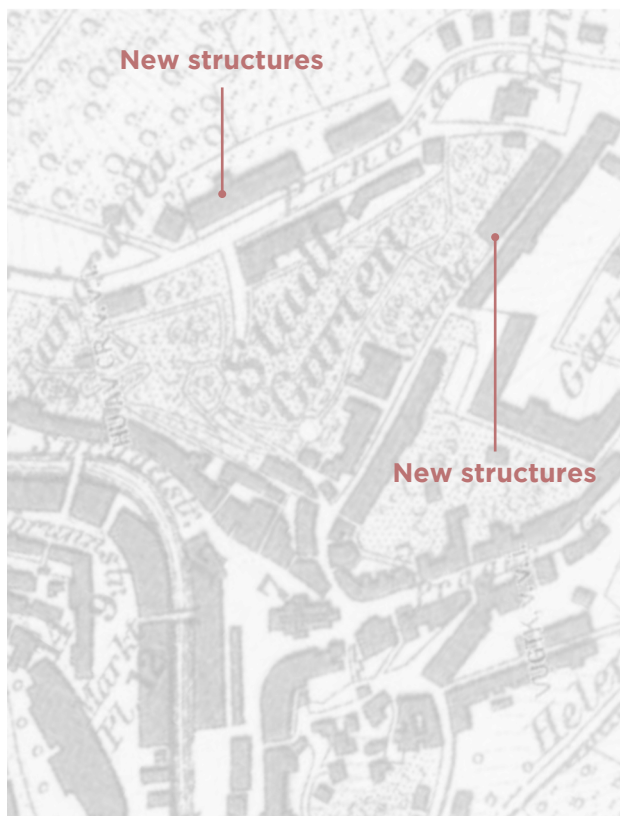
Historical development of site



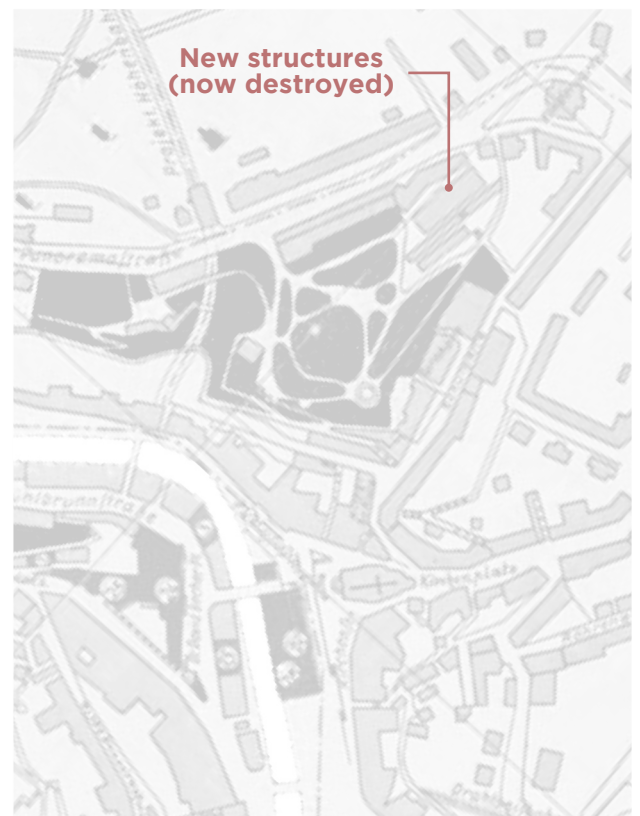
1855



1870

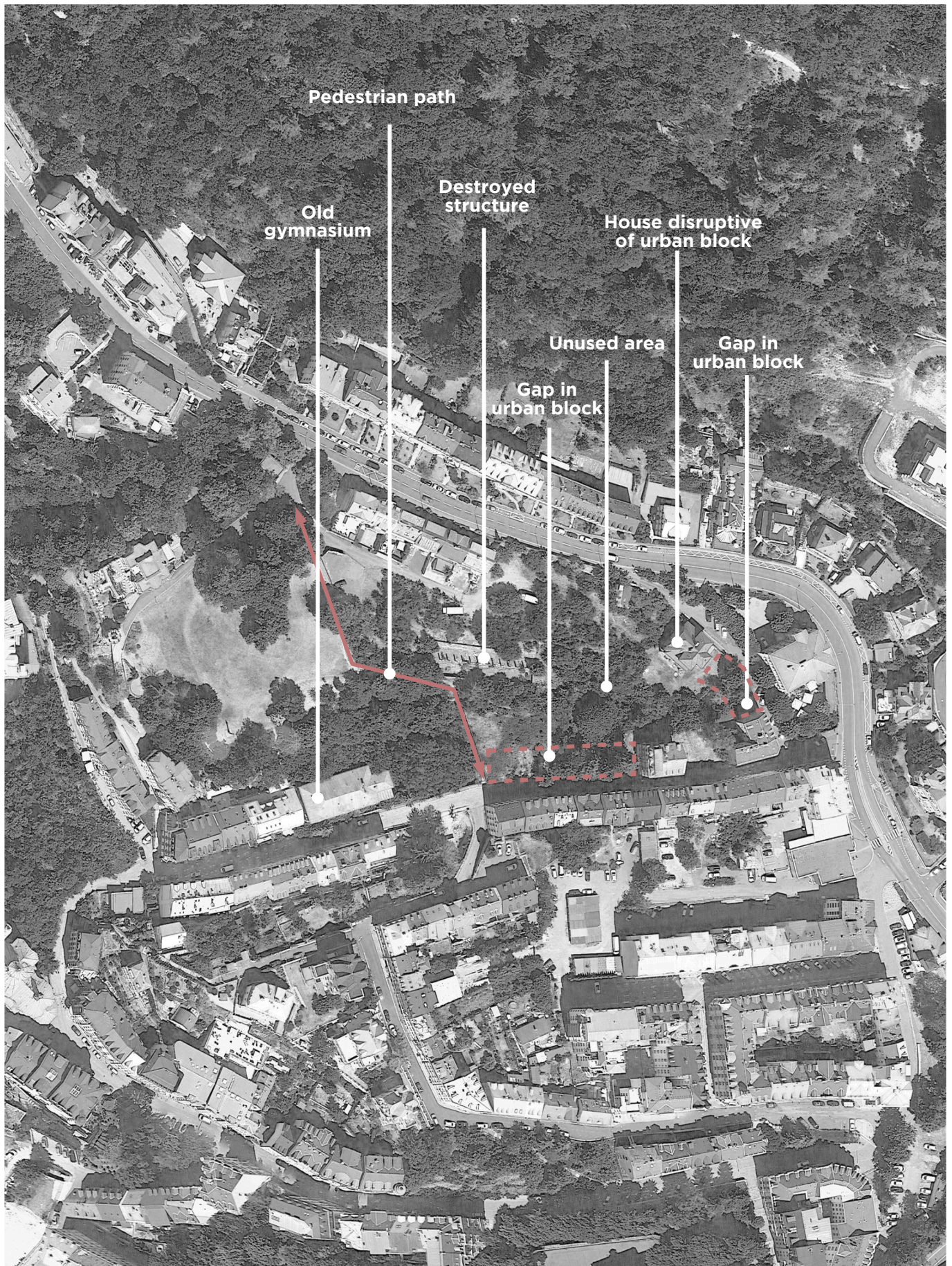


1910



1940

Current site analysis



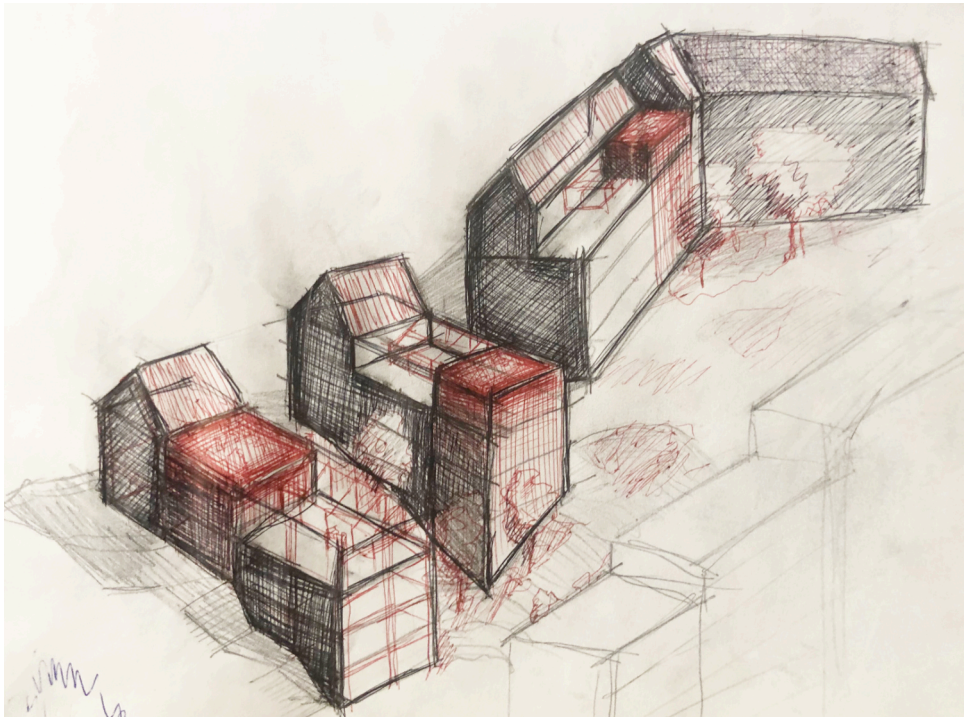
Underlying ideology of design

The basic volumetric design of the complex is heavily focused on providing a view of the historical town of Karlovy Vary, with the three structures cascading down the steep terrain of the valley. Each structure includes two types of roofs – a flat roof and a pitched roof – which alternate in their position to create a dynamic variety in the front facades of the complex. Materiality includes white plaster and red brick which alternates similarly to the volumes for the same effect, while the parterre is designed more organically to contrast the sharp lines of the buildings.

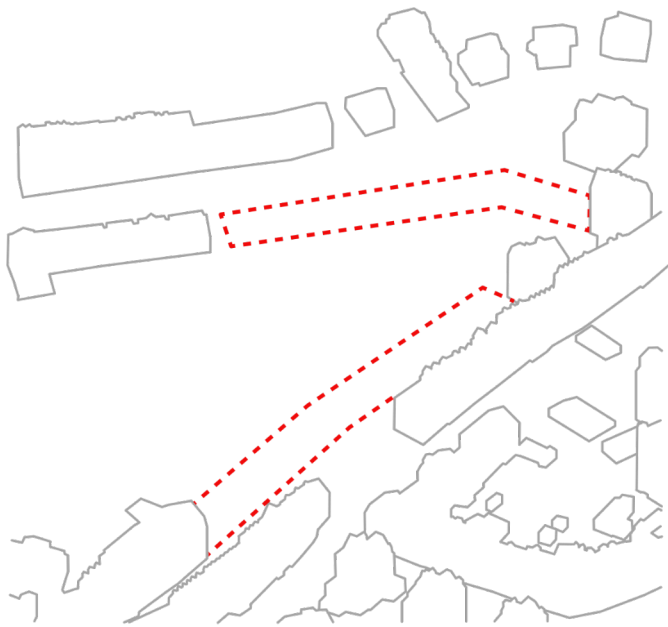
Early sketches of urban design



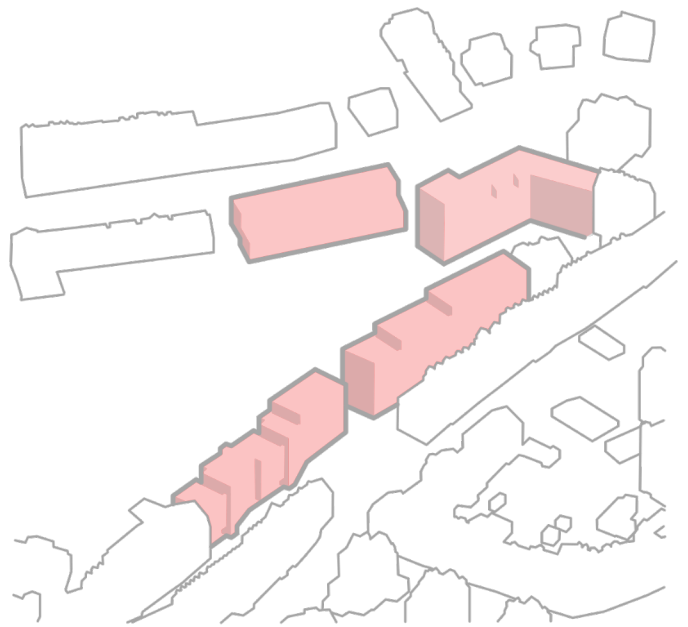
Early sketch of design



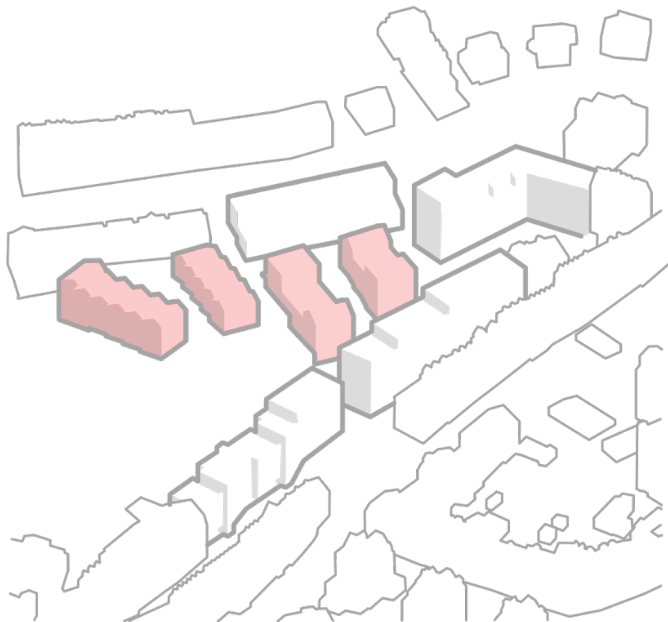
Urban Concept



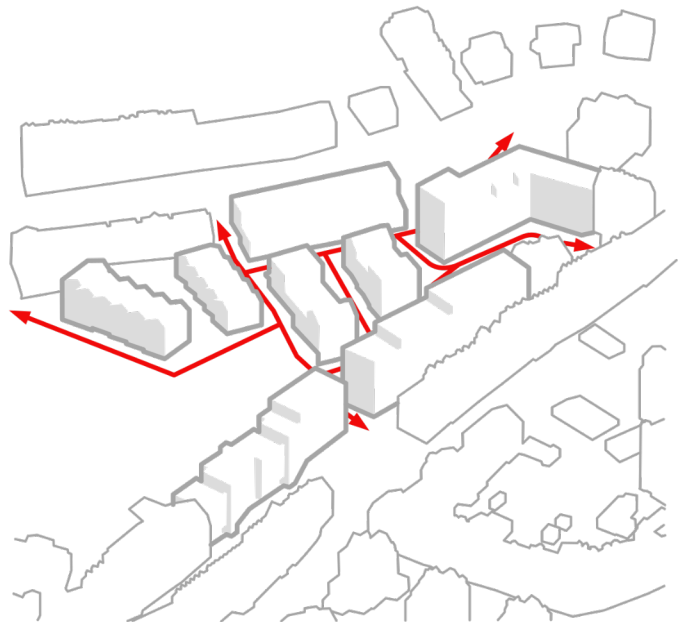
Urban block voids



Completion of urban block



Filling of urban block



Created pathways



Axonometry expressing spatial relation to adjacent parts of team project

Schwarzplan

The entire group project aims to complete the building line of the block that is faintly suggested by the existing structures, as well as utilizing the space within this block.



Situation



Existing Buildings

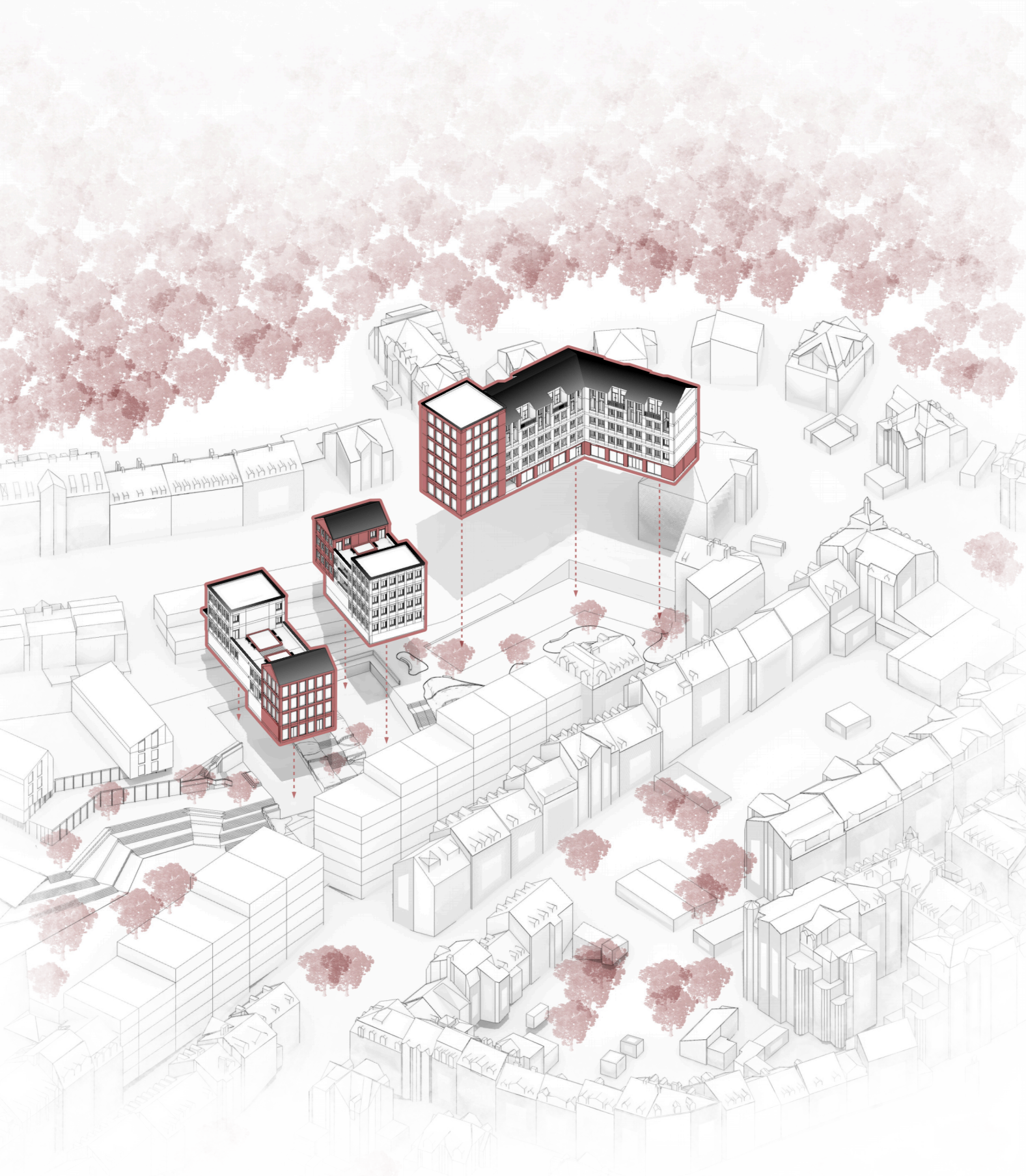
N 0 10 20 30m

1:750

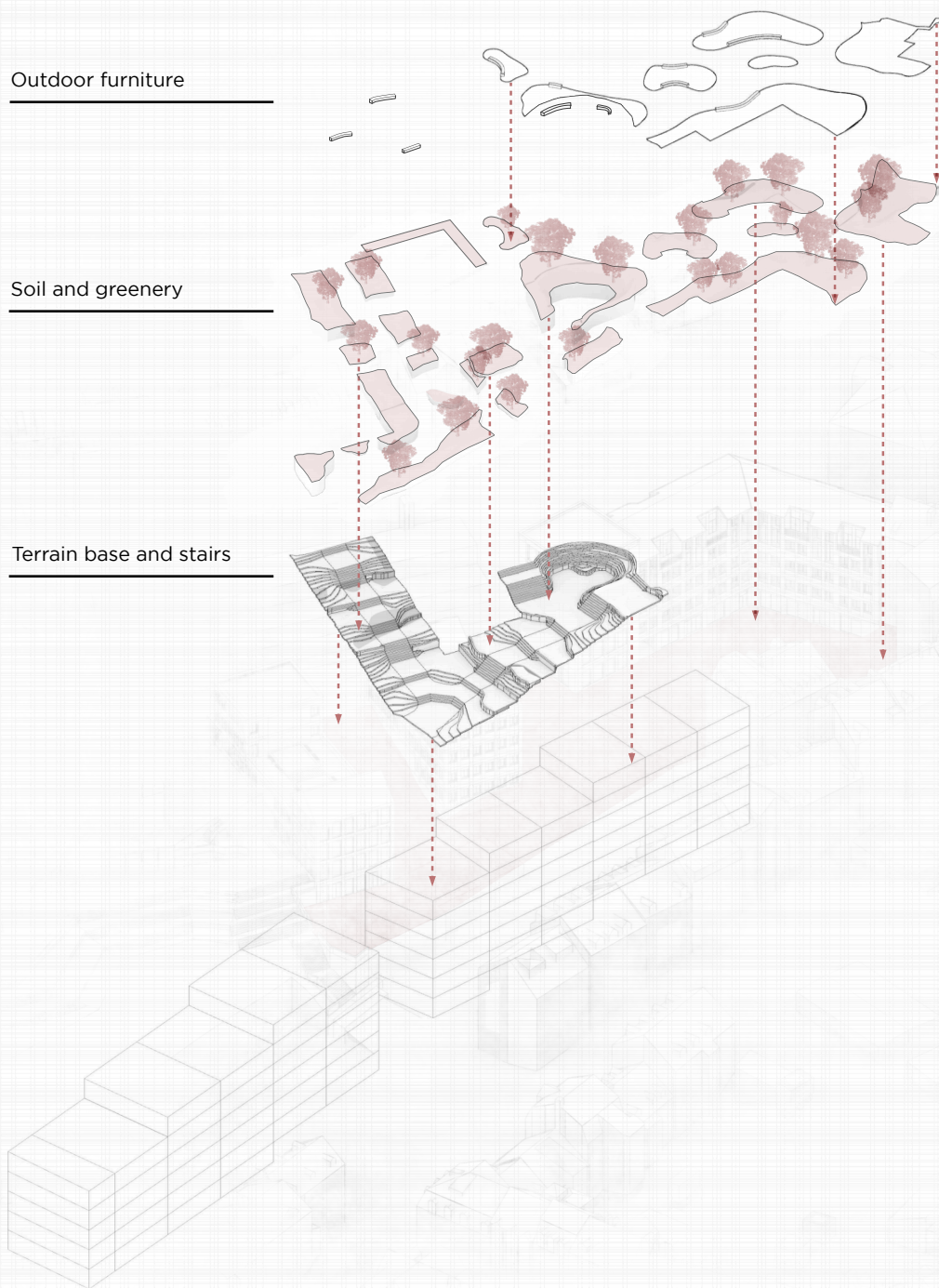
Jean de Carro Senior Housing

Axonometry

The Jean de Carro Senior Housing complex consists of three separate buildings strategically positioned and elevated to provide a great view of the Karlovy Vary landscape from each of the buildings.



The complex is tied together with textured areas of greenery that allows the buildings to blend with the steep nature of the site. Paths are curved as to not create a monotonous flow while walking through the public spaces, and many seating areas are created for the senior residents to be able to sit outside, enjoy the peaceful greenery and take in the view.







Floor Plan

1F



1:400



◀N 21

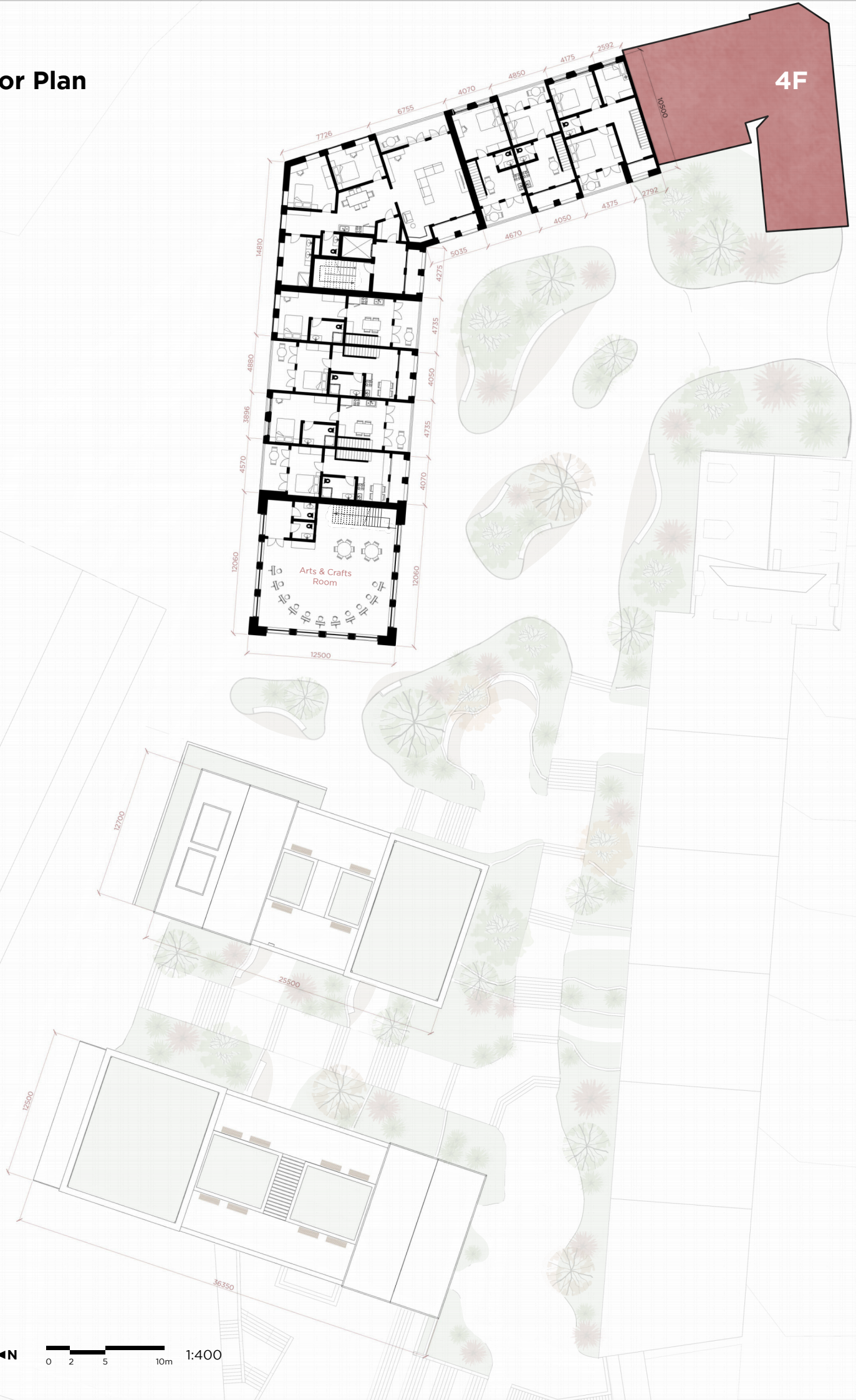
Floor Plan



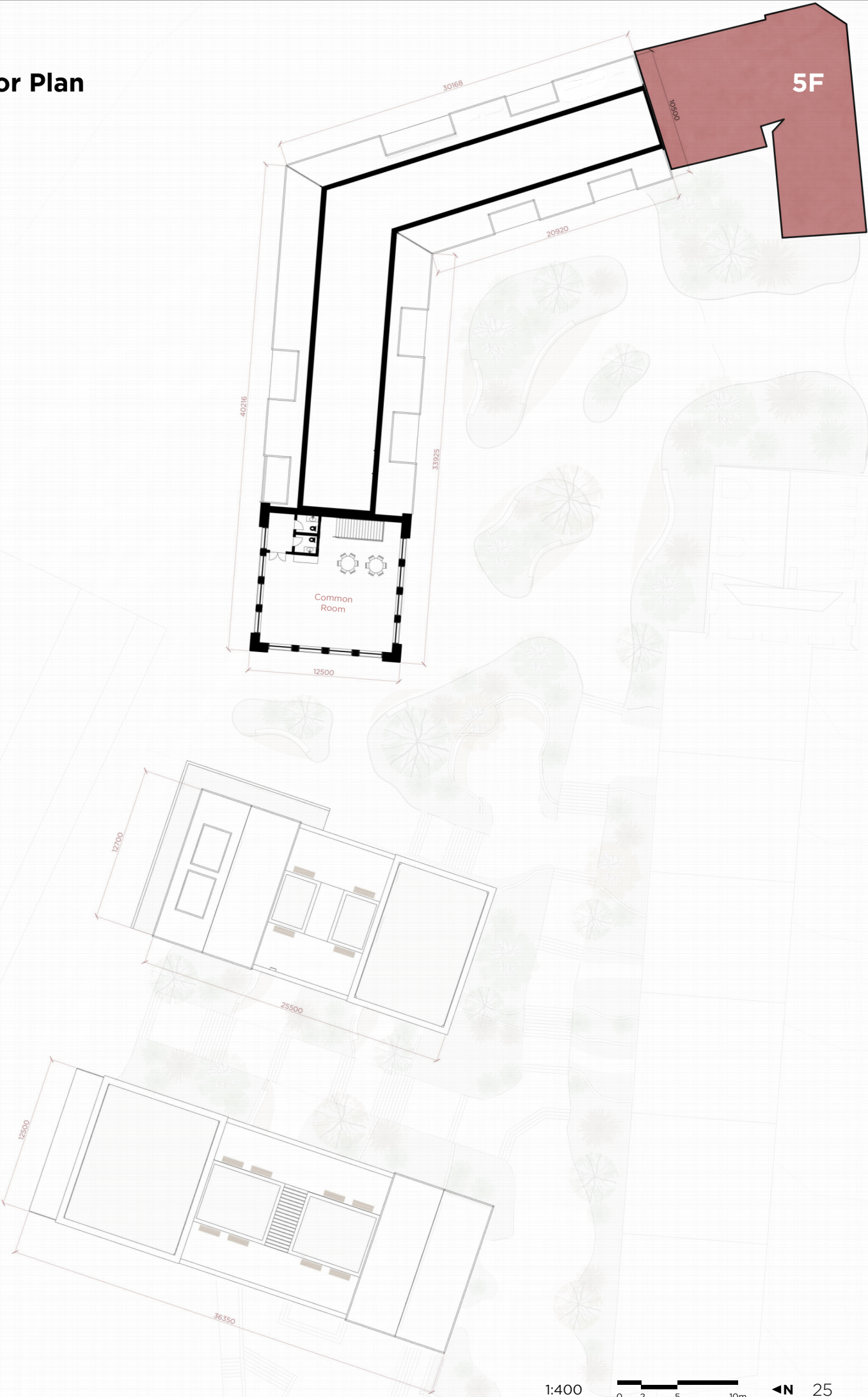
Floor Plan



Floor Plan



Floor Plan



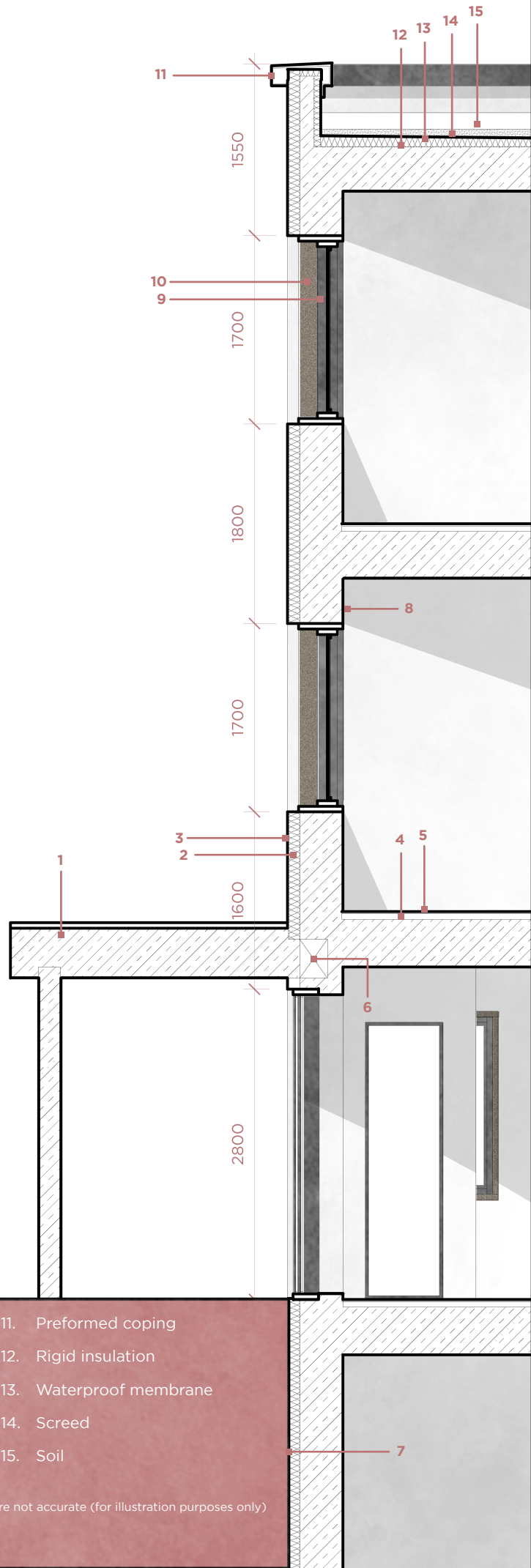
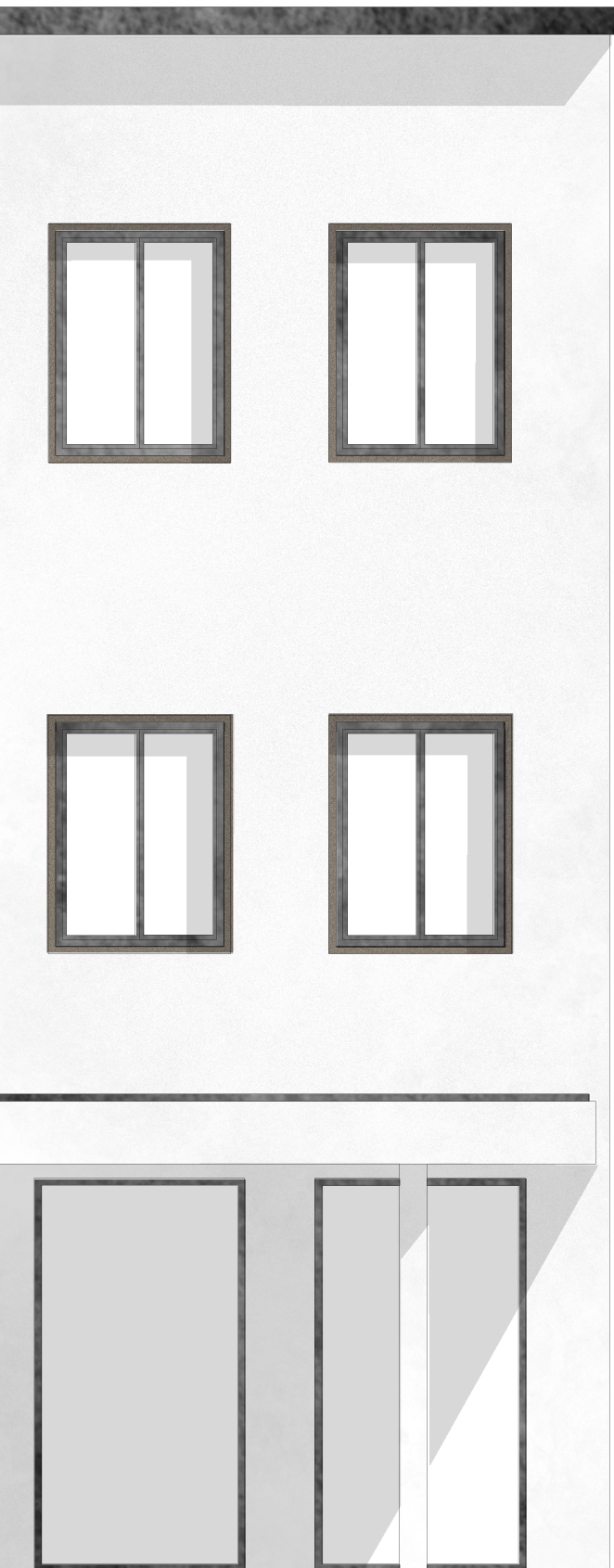
Section AA



[illegible]

Section CC





1. Reinforced concrete
2. Thermal insulation
3. External plaster
4. Floor screed
5. Flooring

6. Ring beam
7. Waterproof membrane
8. Internal plaster
9. Metal frame
10. Wooden outer frame

11. Preformed coping
12. Rigid insulation
13. Waterproof membrane
14. Screed
15. Soil

0 0.5 1 2m

1:50

*Shadows are not accurate (for illustration purposes only)

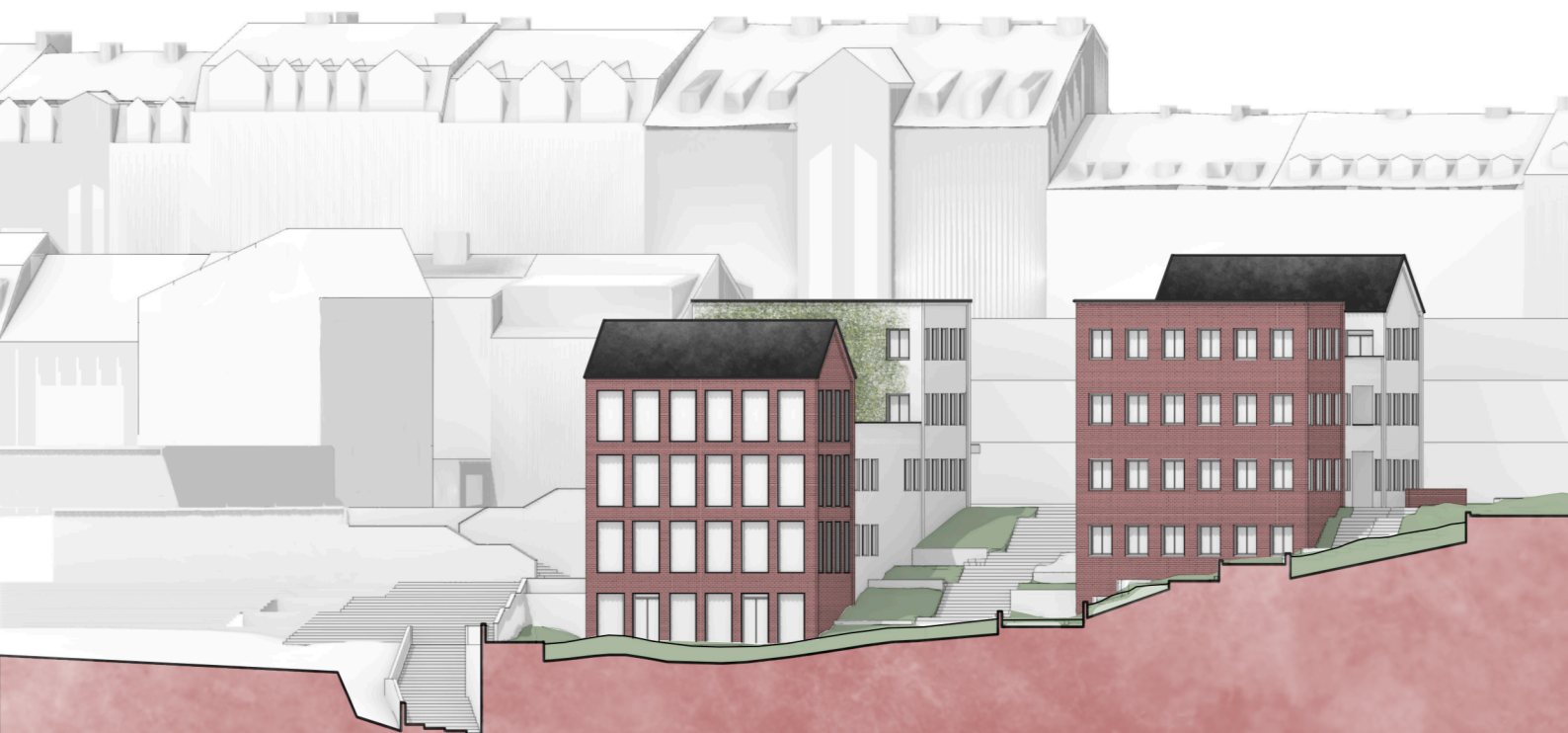
Elevation West



Elevation East



Elevation South





Perspective View





Perspective View





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