

ARCHITECTURAL
PORTFOLIO

2020/2024



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EDUCATION

2018
2023
Moscow State University of Civil Engineering (National Research University)
Bachelor's Degree in Architecture
Diploma Thesis: «Cultural Center with Landscape Area»

WORK EXPERIENCE

2021
2022
2023
2023
2024
Architectural Bureau «Lifeforms»
Part-time: Architect
Creative Union «Ognivo»
Founder/Architect
Limited Company «Gergel Studio»
Part-time: Architect

LANGUAGES

English
Intermediate
Russian
Native speaker

COURSES

2021
2022
Online course «Illustrator.Competition graphics»
School «Soft Culture»
Online courses «ARCHICAD. Project and Submission», «Photoshop and Architectural Submission», «The Course on the Basics of Constructive Solutions»
School «Soft Culture»

OTHER EXPERIENCE

2023
Workshop «Architect's Facet»
Architectural Bureau «Horovod Space»
«ARCH Moscow 2023»
XXIX International Exhibition-Forum of Architecture and Design
International Competition «The EDU-Project Croatia Competition»
Participant

SOFTWARE



QGIS



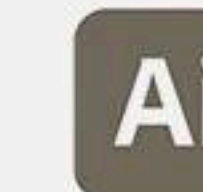
ARCHICAD



SKETCHUP



PHOTOSHOP



ILLUSTRATOR



INDESIGN

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YEAR	2020
SEMESTER	5
PROFESSOR SUPERVISOR	Kosta Anton
LOCATION	Ivanovo, Russia
TOTAL LAND AREA	758 m ²



CONTENT

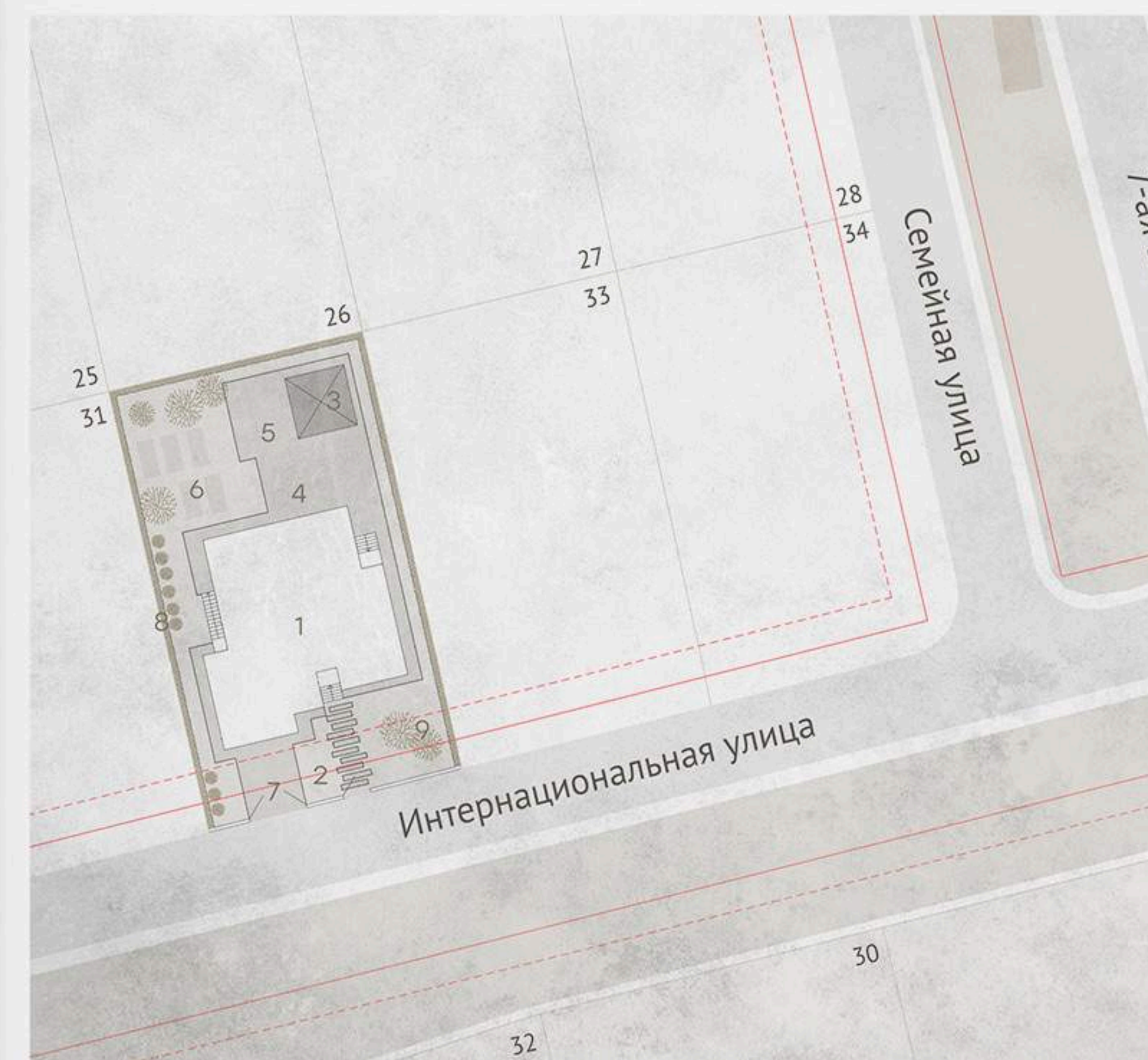
The country house in the village of Ivanovo is located on plot number 32, the plot area is 758.33 sq. m. (21.5 m by 35.9 m). The village itself consists of cottage houses and is located in close proximity to the city of Ivanovo.

The country house is designed for a family with two children, where one of the parents is engaged in a creative profession. The house has two floors and a basement, with a workshop, a pantry and a boiler room. The cladding is made of grey facing brick and plaster.

Explication:

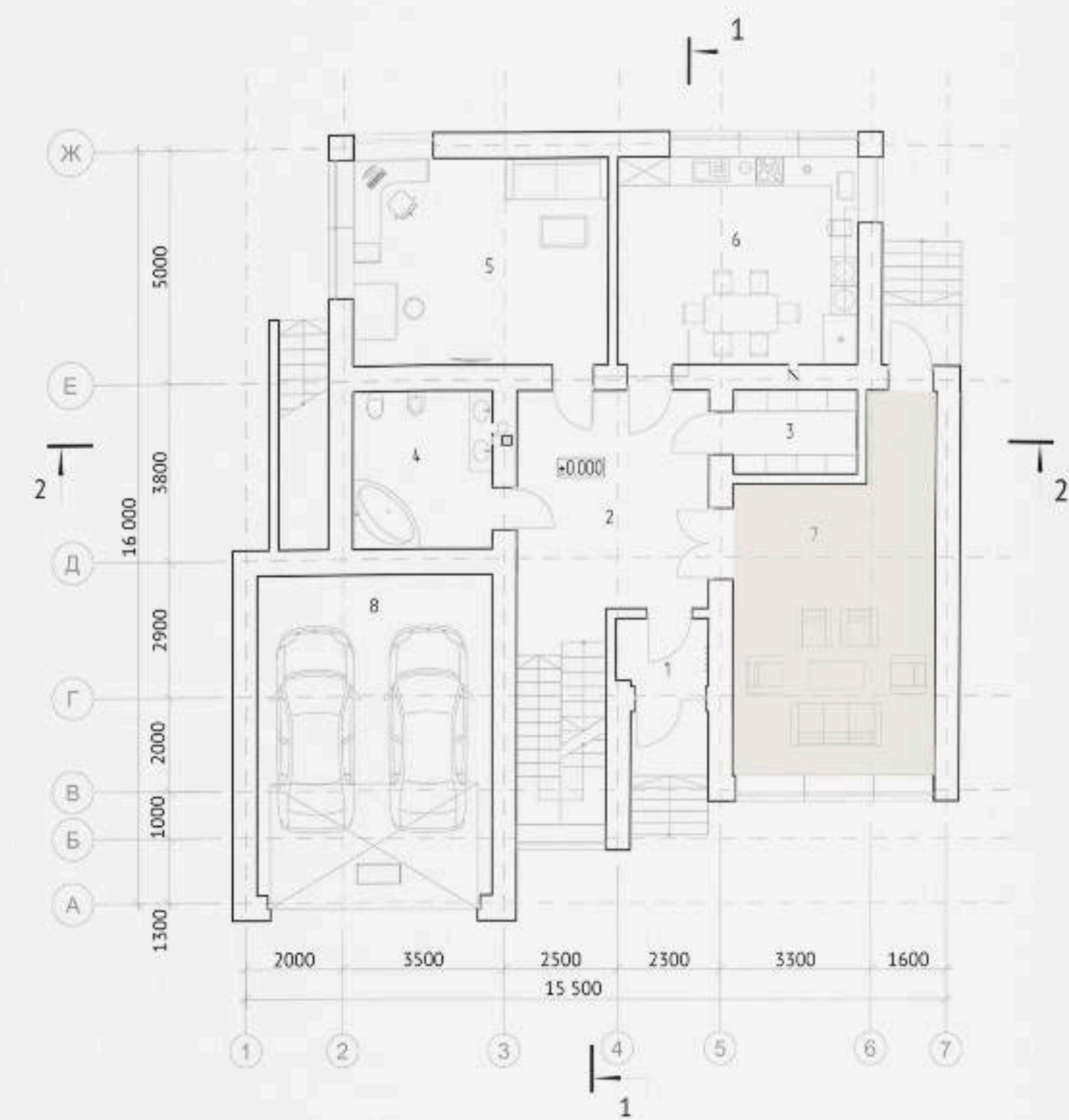
- 1 - county house
- 2 - entrance area
- 3 - gazebo for 10 people
- 4 - recreation zone
- 5 - barbecue zone
- 6 - garden zone
- 7 - paved footpaths
- 8 - green hedge
- 9 - flower garden

ACADEMIC PROJECTS



Situation Plan

1:500



- Explication:
- 1 - entrance zone (2,9 m²)
 - 2 - hall (28,6 m²)
 - 3 - dressing room (4,6 m²)
 - 4 - bathroom (10,3 m²)
 - 5 - office (24,7 m²)
 - 6 - kitchen (23,4 m²)
 - 7 - living room (30,6 m²)
 - 8 - garage (35,2 m²)

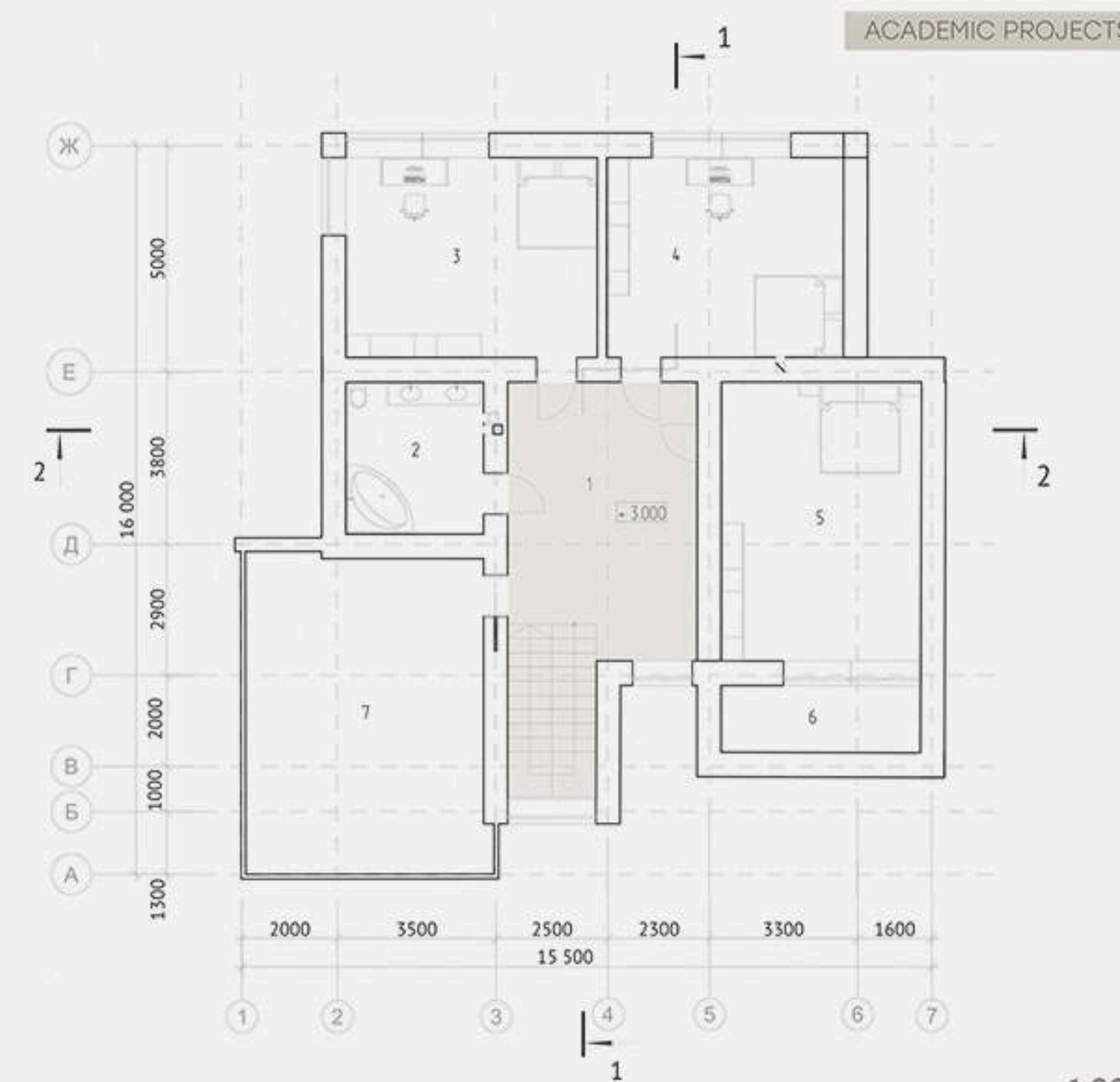
First Floor Plan

1:200



Interior Visualization of the Living Room

07



- Explication:
- 1 - hall (32,1 m²)
 - 2 - bathroom (10,3 m²)
 - 3 - bedroom (24,8 m²)
 - 4 - bedroom (23,4 m²)
 - 5 - bedroom (27,5 m²)
 - 6 - balcony (6,6 m²)
 - 7 - terrace (36,7 m²)

Second Floor Plan

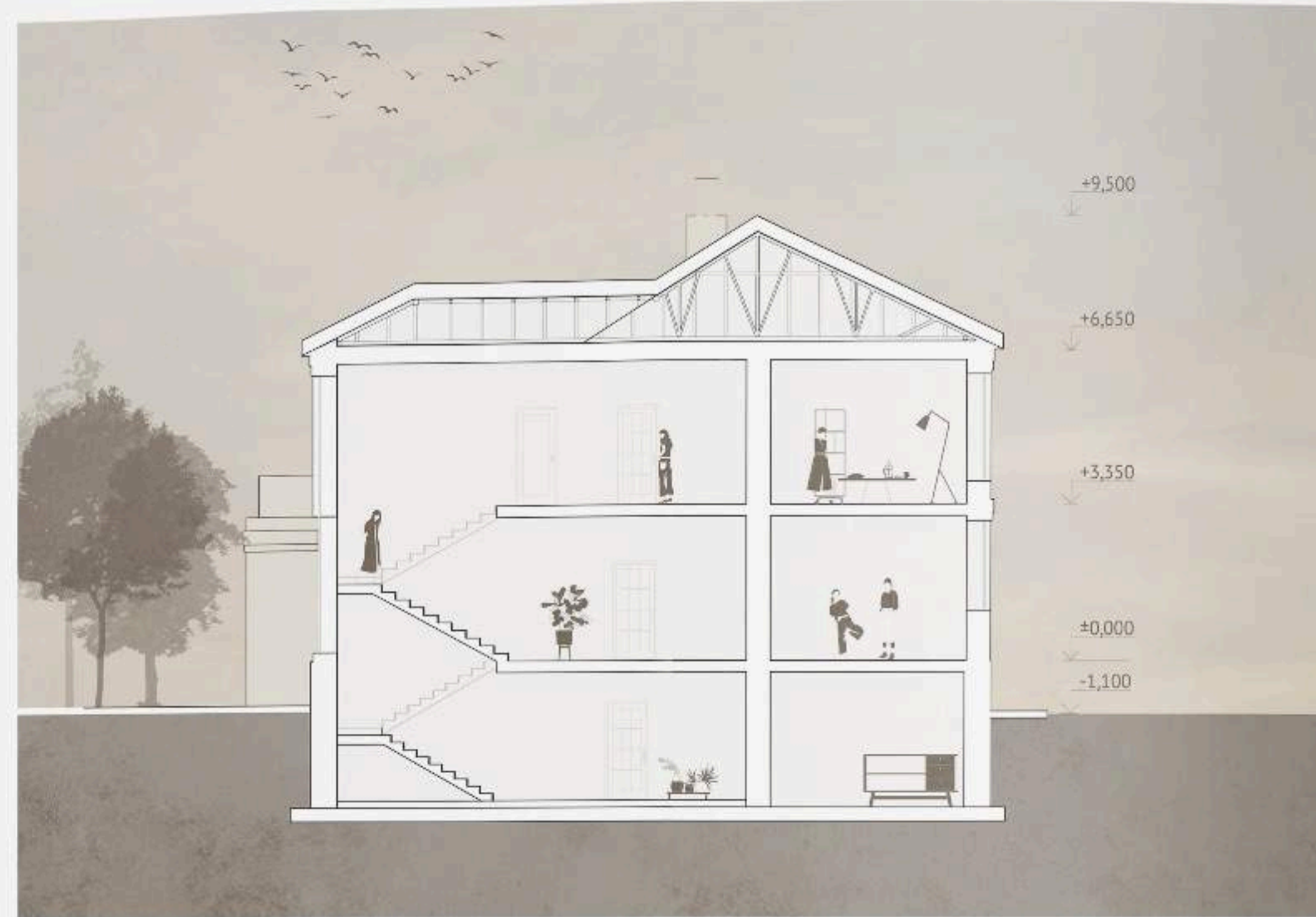
1:200



Interior Visualization of Hall with Staircase



08



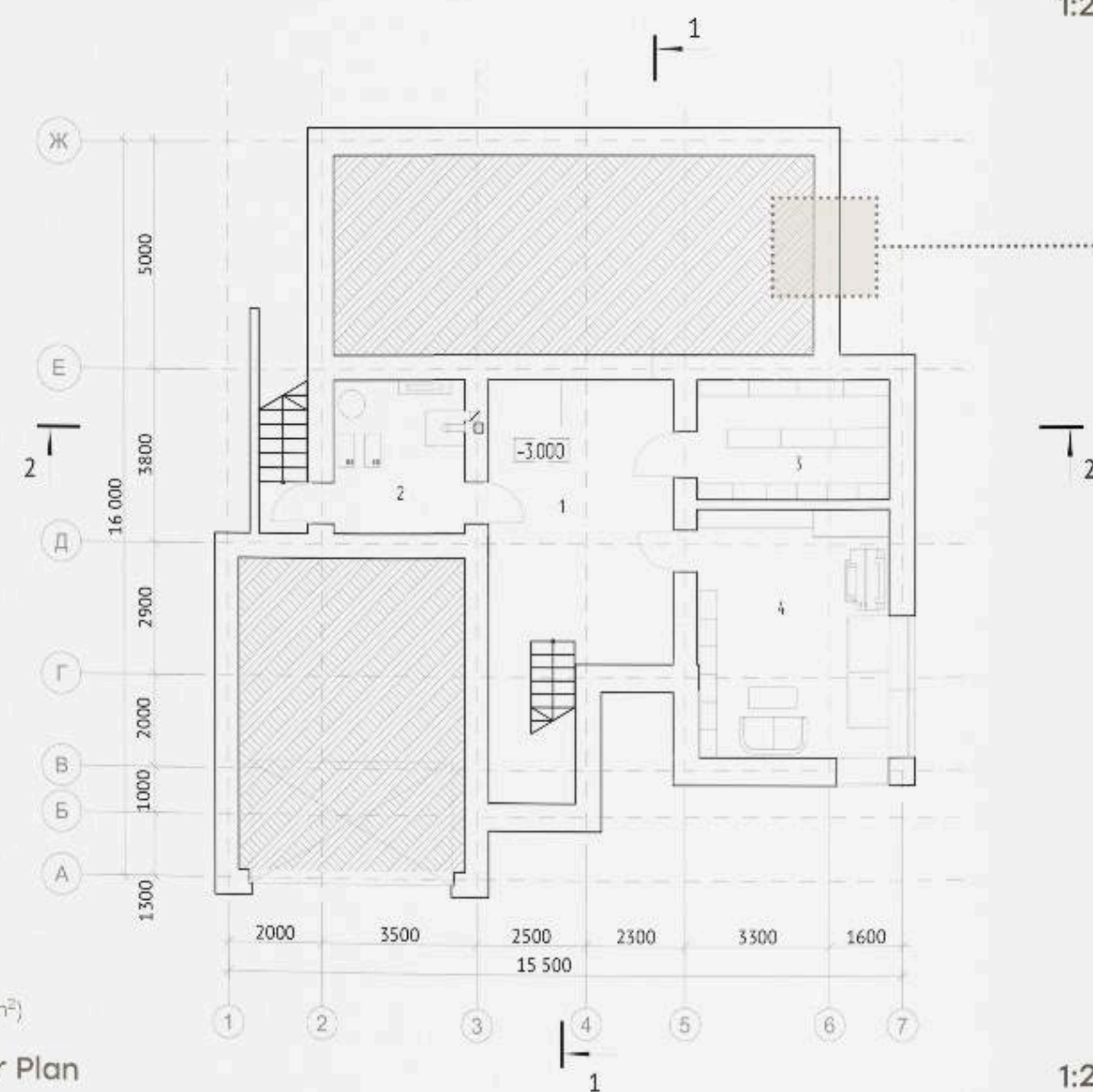
Section 1-1

1:200



Section 2-2

1:200

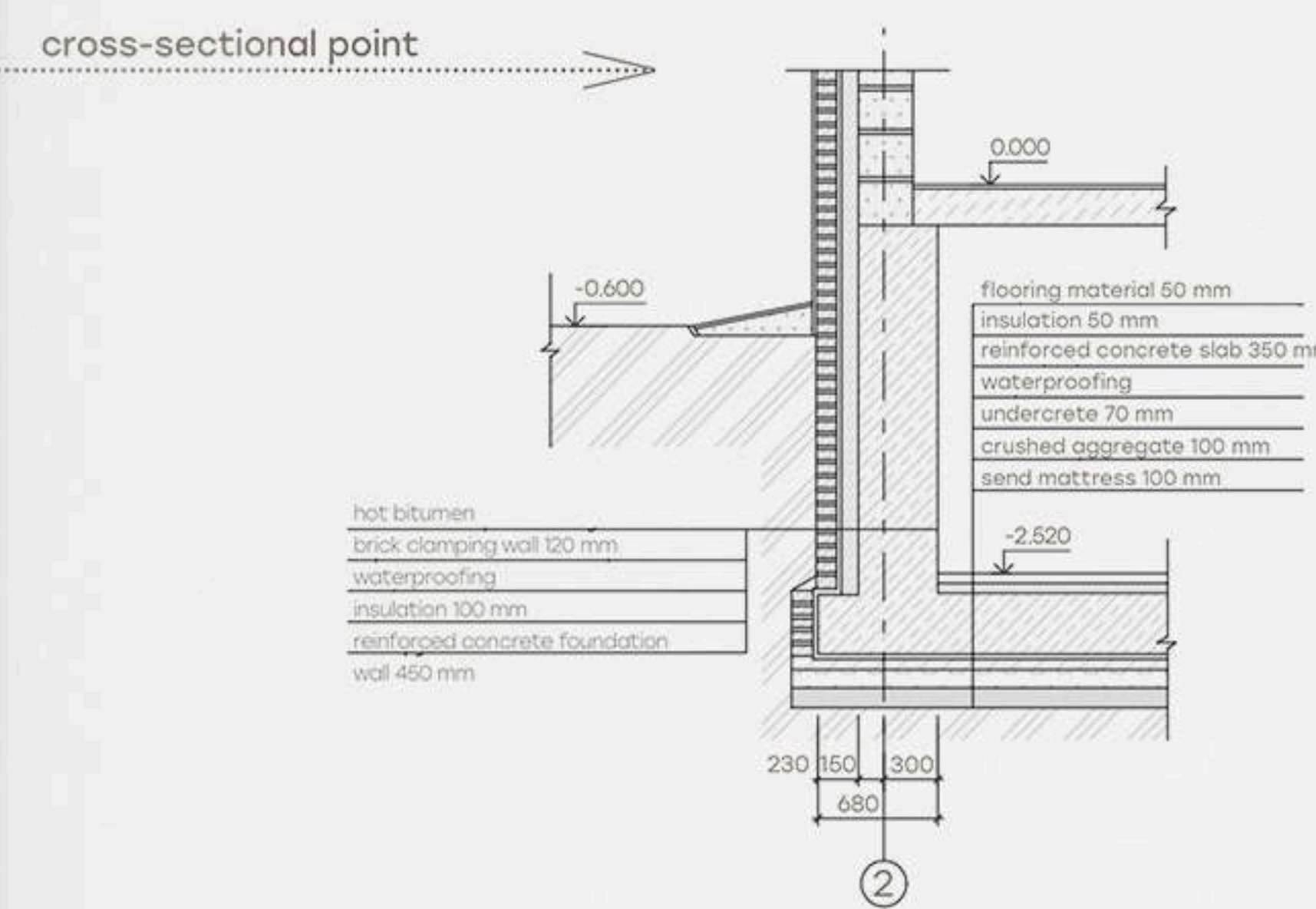


Explication:

- 1 - corridor (28,76 m²)
- 2 - boiler room (10,07 m²)
- 3 - storeroom (11,4 m²)
- 4 - workshop room (23,63 m²)

Underground Floor Plan

1:200

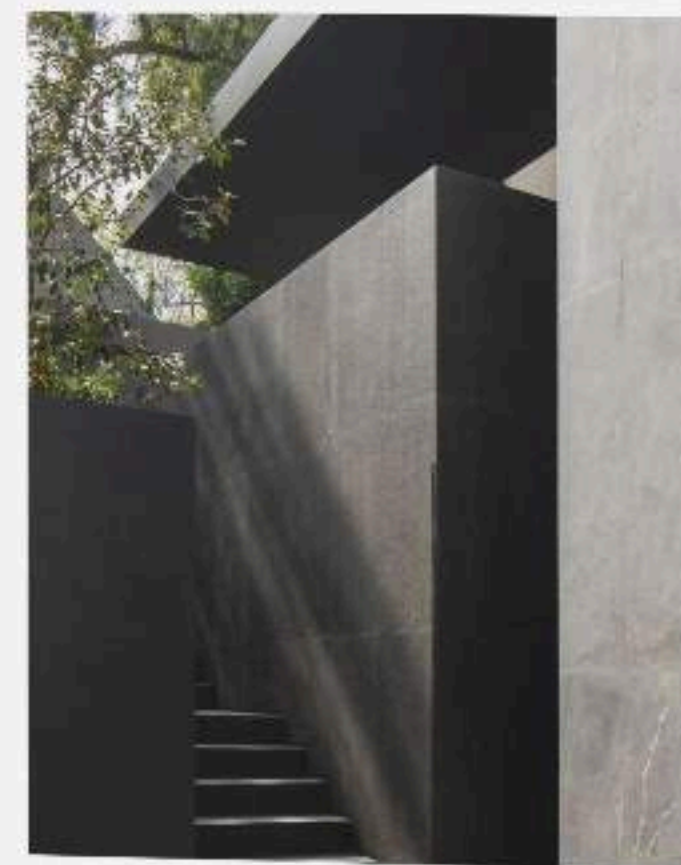


Foundation System / Vertical View

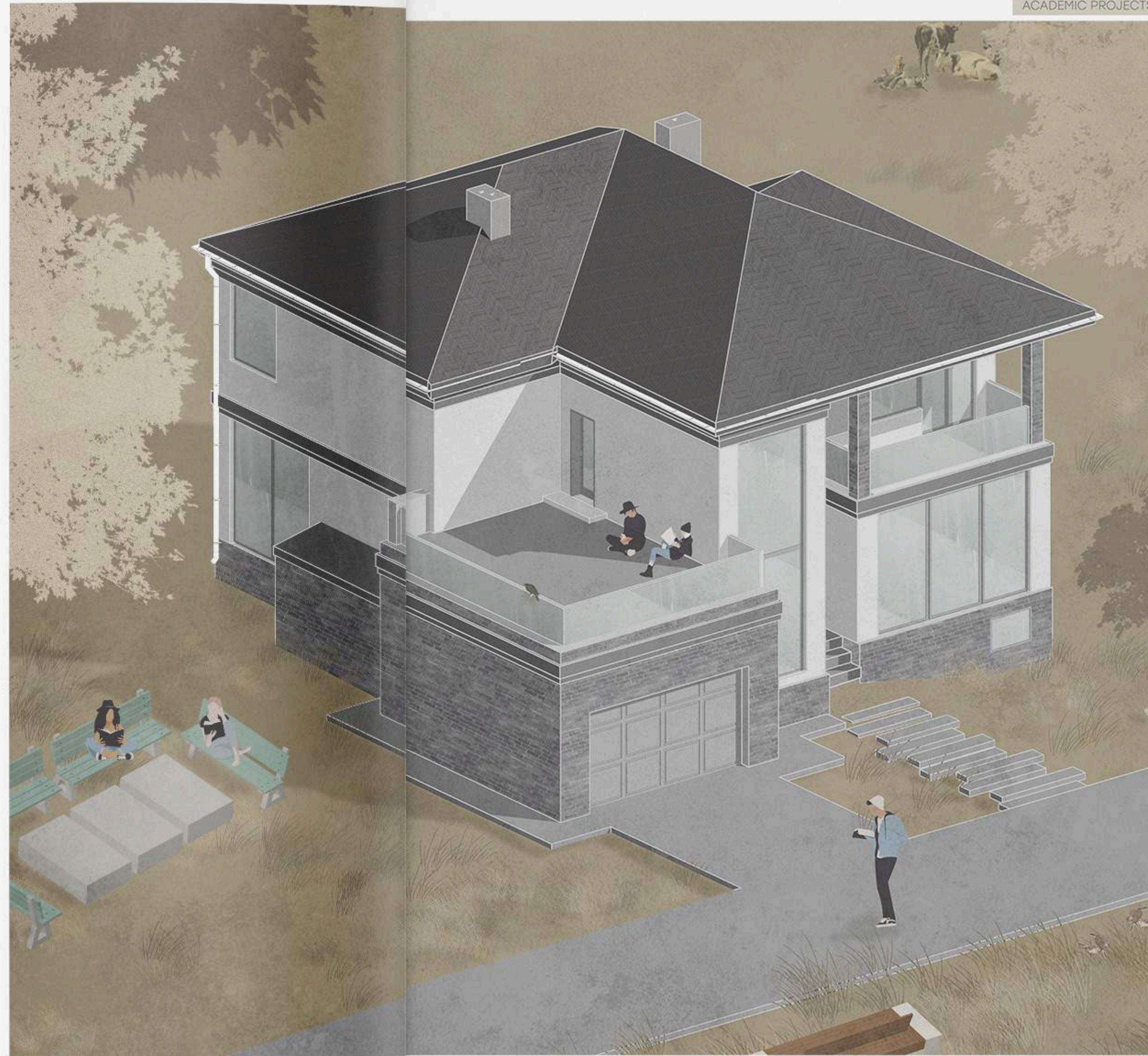
1:75

STYLE DESCRIPTION

The architectural style of a private house is **Prairie**. It can be traced even without a flat roof. Stained glass windows, natural materials with muted tones that do not stand out among nature, large terraces and the predominance of dark shades and panoramic glazing - all of this is inherent in the style of **Lloyd Wright**.



References



Visualization of the Country House in Ivanovo

YEAR 2022
 SEMESTER 8
 PROFESSOR SUPERVISOR Kosta Anton
 LOCATION Moscow, Russia
 TOTAL LAND AREA 12 000 m²



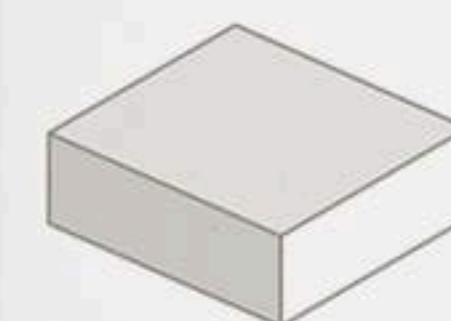
CONTENT

The textile factory is located in the industrial zone «Zapadny Port» in the Filevsky Park district. Bagrationovskaya metro station is within walking distance, with the Moscow River flowing on the opposite side.

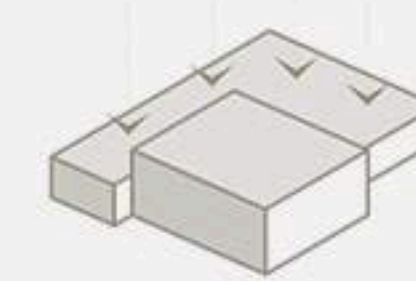
It was very important to do landscaping, because there are many factories nearby that pollute the air. The territory of the factory, as you can see, is passable, there is no fence, it facilitates accessibility for pedestrians, and also erases stereotypes that industrial architecture should be isolated from people.

Explication:

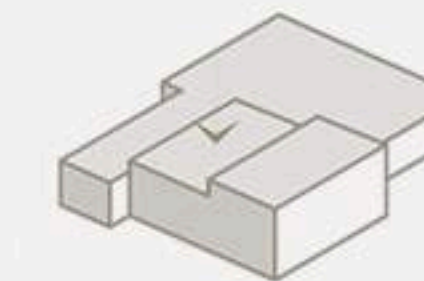
- 1 - textile factory
- 2 - landscaping
- 3 - raw material loading area
- 4 - unloading area for finished products
- 5 - checkpoint
- 6 - passenger car parking
- 7 - truck parking
- 8 - solid waste collection area



step 1



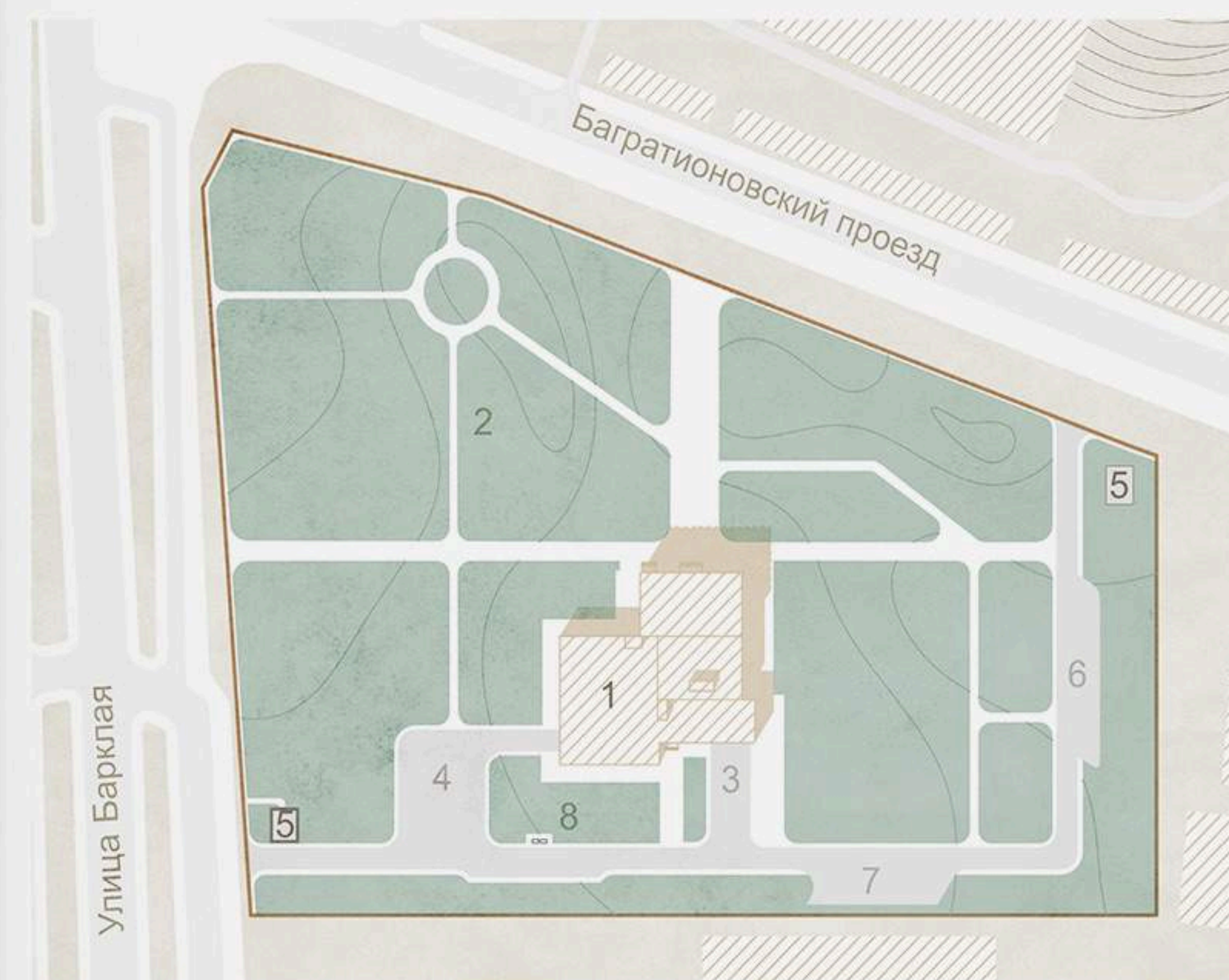
step 2



step 3



step 4



Situation Plan

1:1000

Explanation:

Administrative building:

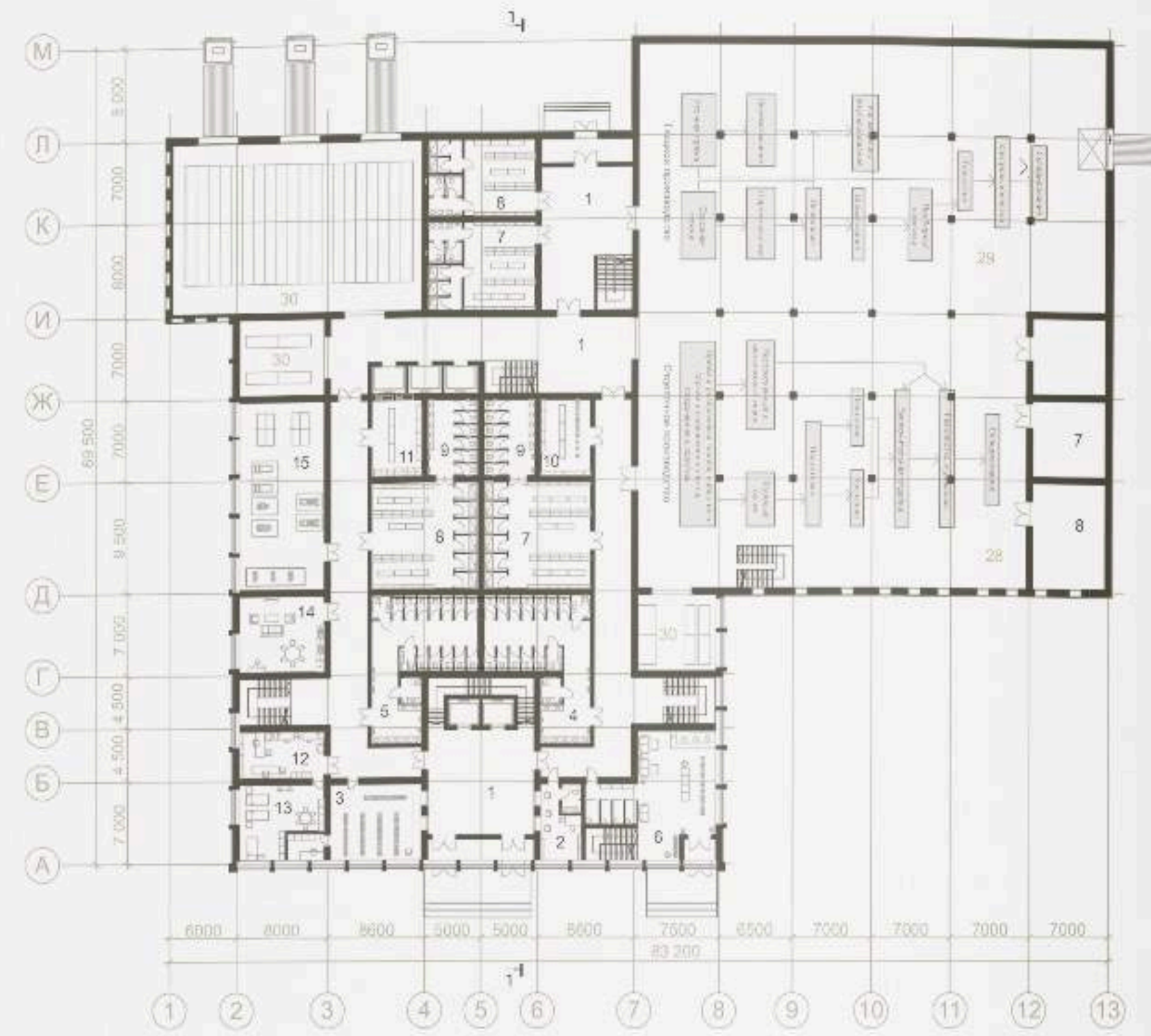
- 1 - lobby
- 2 - security room
- 3 - cloakroom
- 4 - men's restroom
- 5 - women's restroom
- 6 - clothes store
- 7 - men's locker room
- 8 - women's locker room
- 9 - shower room
- 10 - laundry
- 11 - drying room
- 12 - medical Center
- 13 - ward for patients
- 14 - rest room
- 15 - gym

Production building:

- 28 - weaving production
- 29 - finishing production

First Floor Plan

1:400



Explanation:

Administrative building:

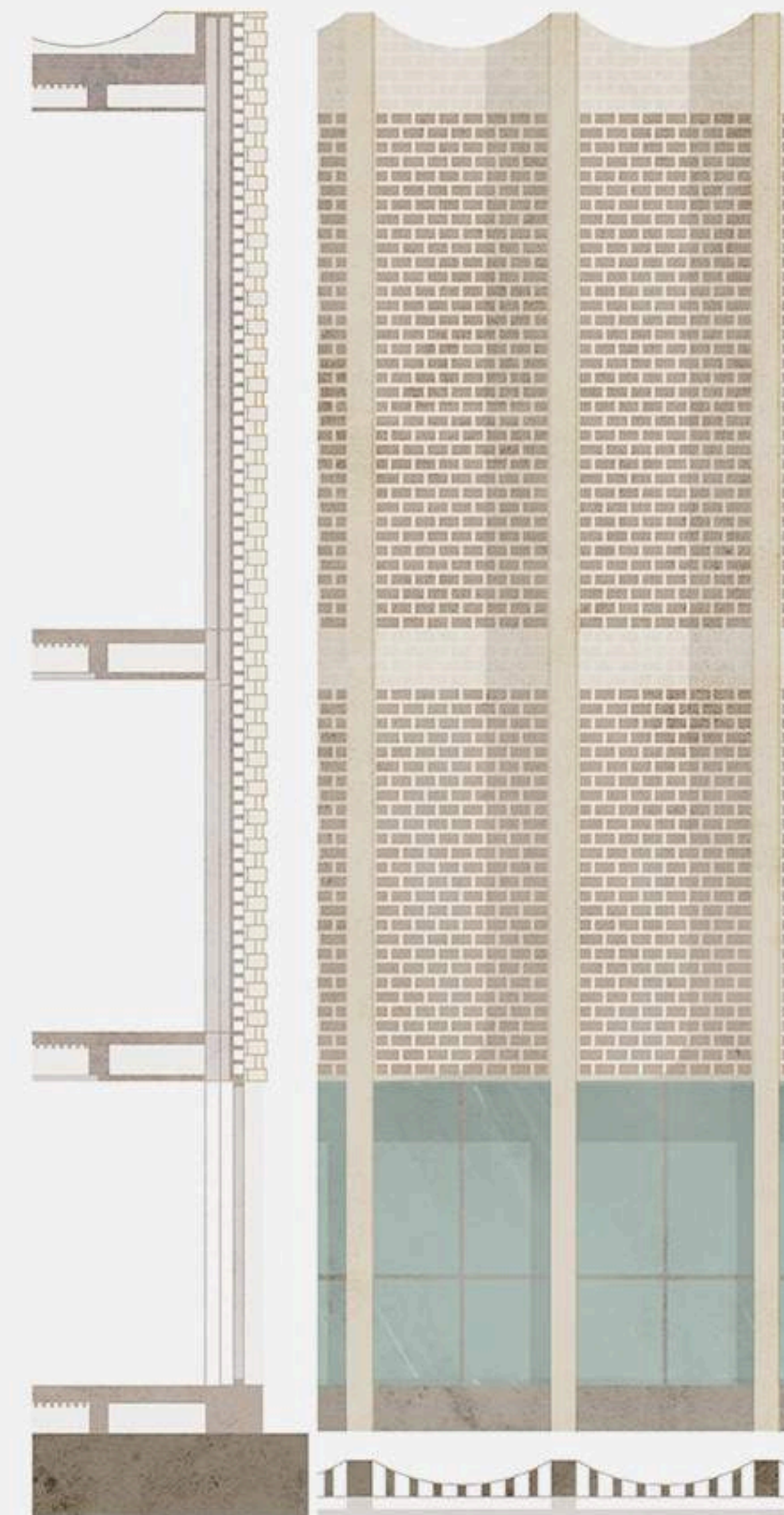
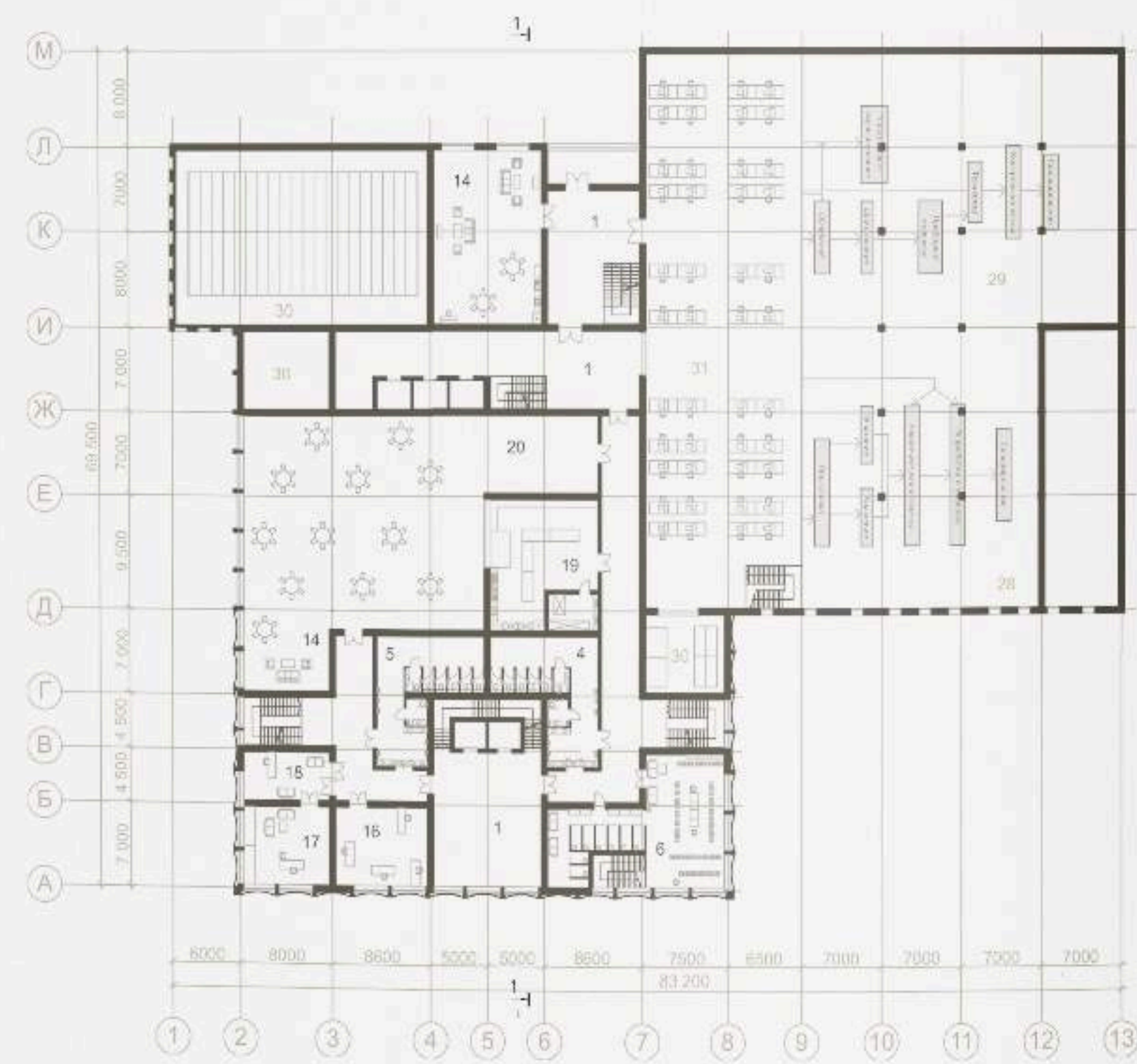
- 1 - lobby
- 4 - man's restroom
- 5 - women's restroom
- 6 - clothes store
- 14 - recreation room
- 16 - accounting room
- 17 - director's office
- 18 - director's office
- 19 - kitchen
- 20 - staff canteen

Production building:

- 28 - weaving production
- 29 - finishing production
- 30 - raw material storage
- 31 - manual cutting room

Second Floor Plan

1:400

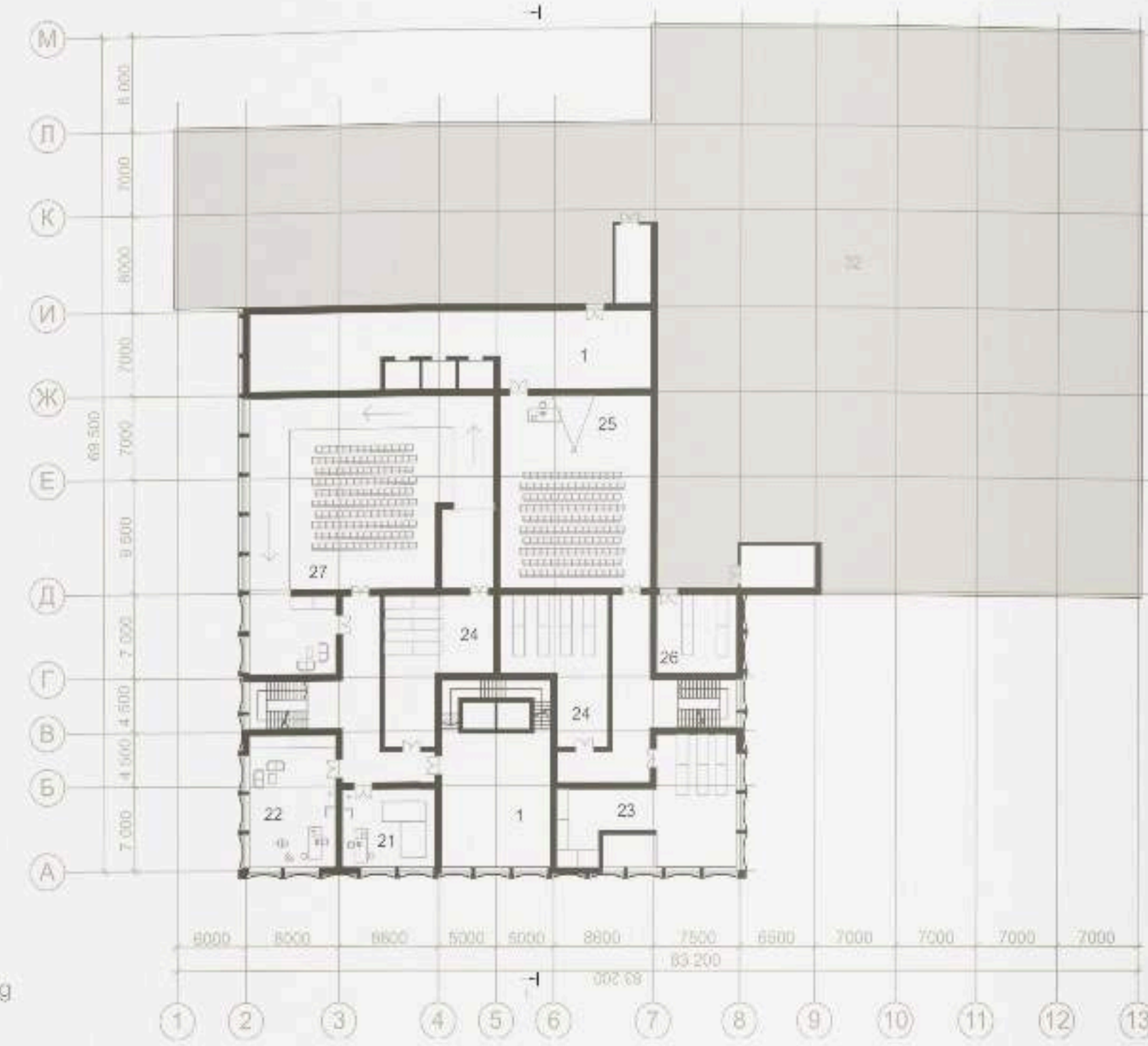


Facade Fragment with Section

Explication:

- Administrative and service building.**
1- lobby
21- office of the head seamstress
22- designer's office
23- warehouse of clothes for the store
24- warehouse for finished goods
25- conference room
26- pattern storage
27- hall with outwalk

- Production Building.**
28- weaving production
29- finishing production
30- raw material storage
31- room for manual patterning
32- operated roof



Third Floor Plan

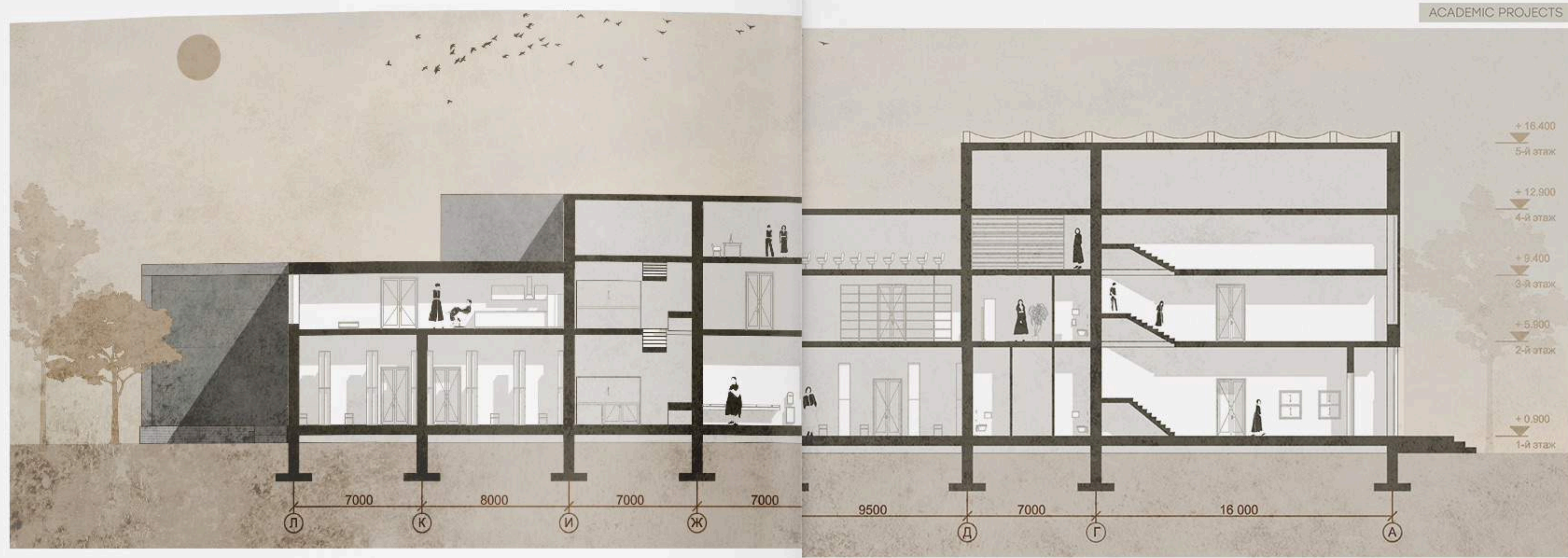
1:400



Visualization of the Store Interior



Visualization of the Textile Factory

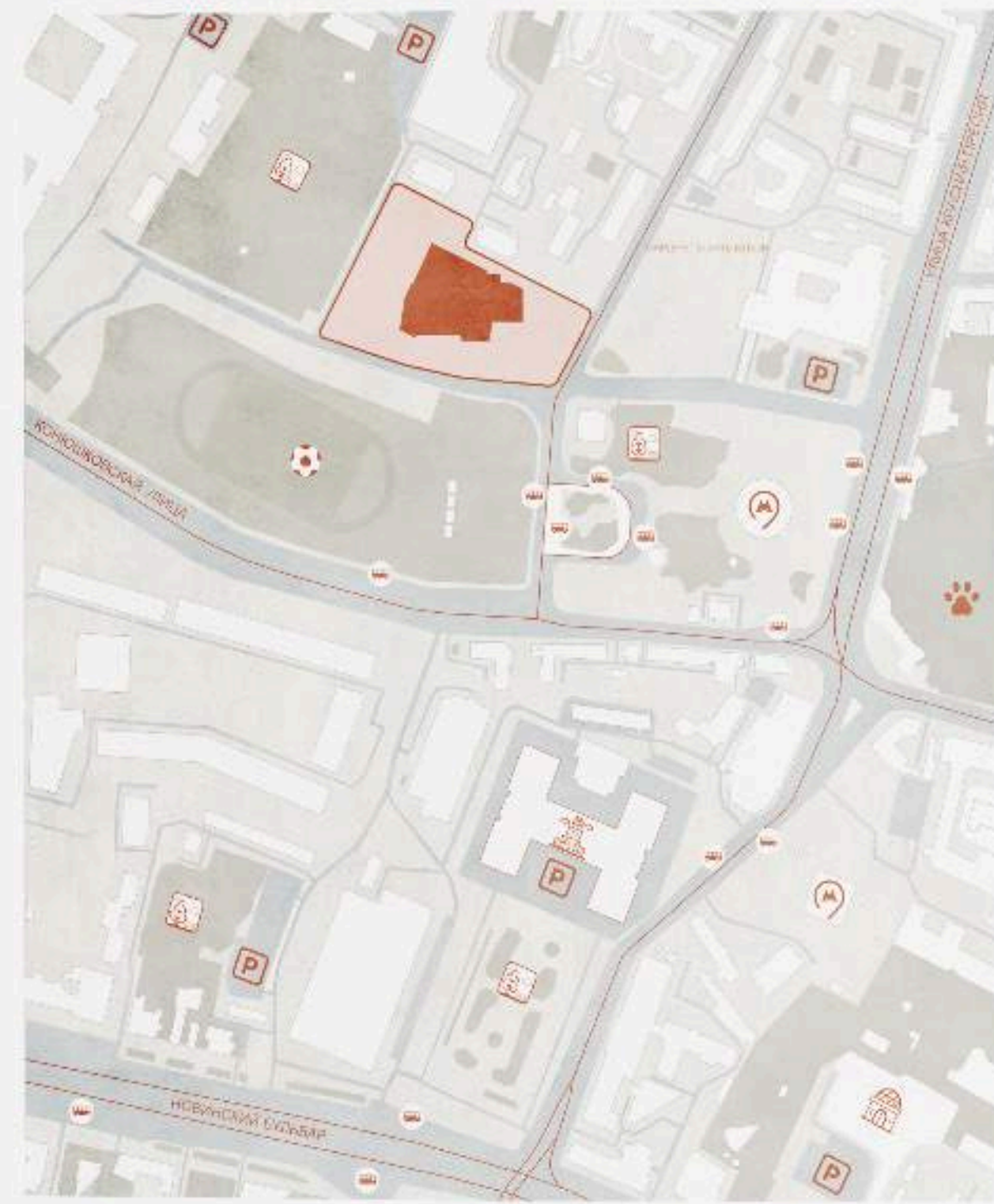


ACADEMIC PROJECTS



Section 1-1 / Facade

YEAR 2022
 SEMESTER 8
 PROFESSOR SUPERVISOR Kosta Anton
 LOCATION Moscow, Russia
 TOTAL LAND AREA 7601,7 m²



CONTENT

The theater complex is located in the historical center of Moscow and has a very convenient location: near the Barrikadnaya metro station, bus stops, and many parks. The complex includes large and small drama halls, a cafe with a view of the Stalinist high-rise on Kudrinskaya Square, and a small museum area.

Explication:

- 1 - entrance area
- 2 - theater complex
- 3 - landscaping
- 4 - parking lot for spectators (24 places)
- 5 - staff parking area (16 places)
- 6 - public area

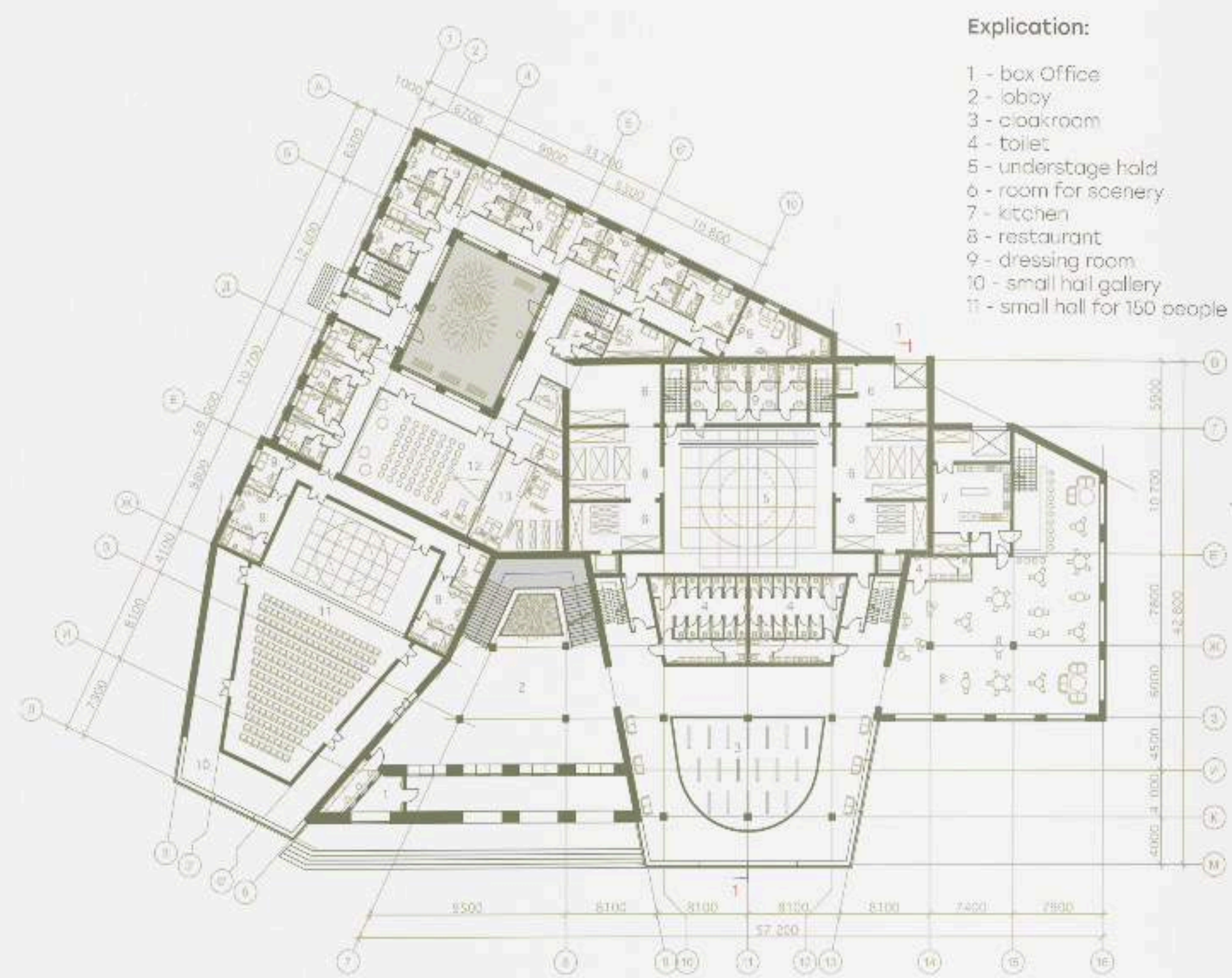
Techno-economic indicators:

Building area - 3,560 m²
 Building volume - 87 567 m³
 Number of floors - 5 floors.
 Fire resistance class - 2
 Class of functional fire hazard - 2



Situation Plan

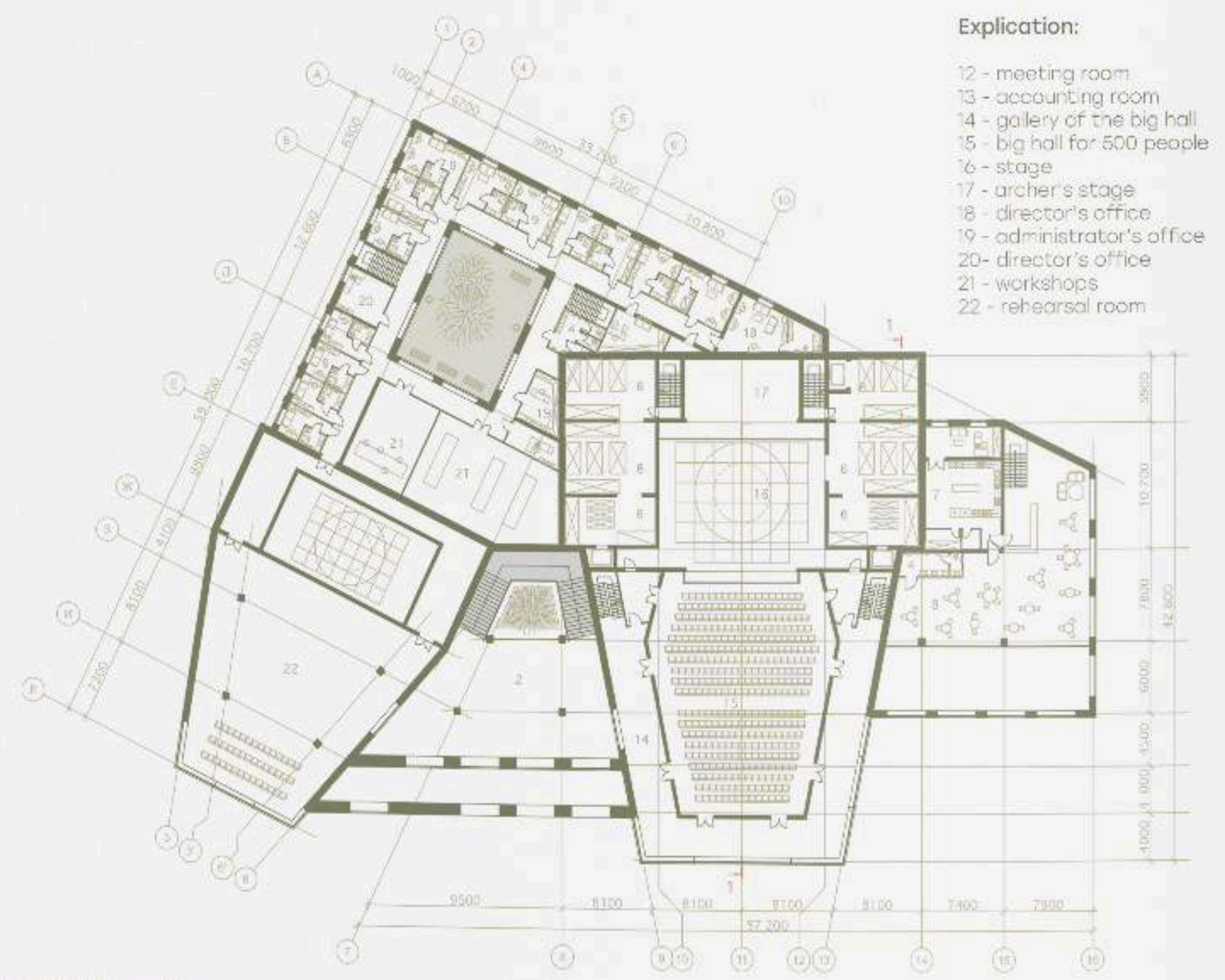
1:500



- Explication:
- 1 - box Office
 - 2 - lobby
 - 3 - cloak-room
 - 4 - toilets
 - 5 - understage hold
 - 6 - room for scenery
 - 7 - kitchen
 - 8 - restaurant
 - 9 - dressing room
 - 10 - small hall gallery
 - 11 - small hall for 150 people

First Floor Plan

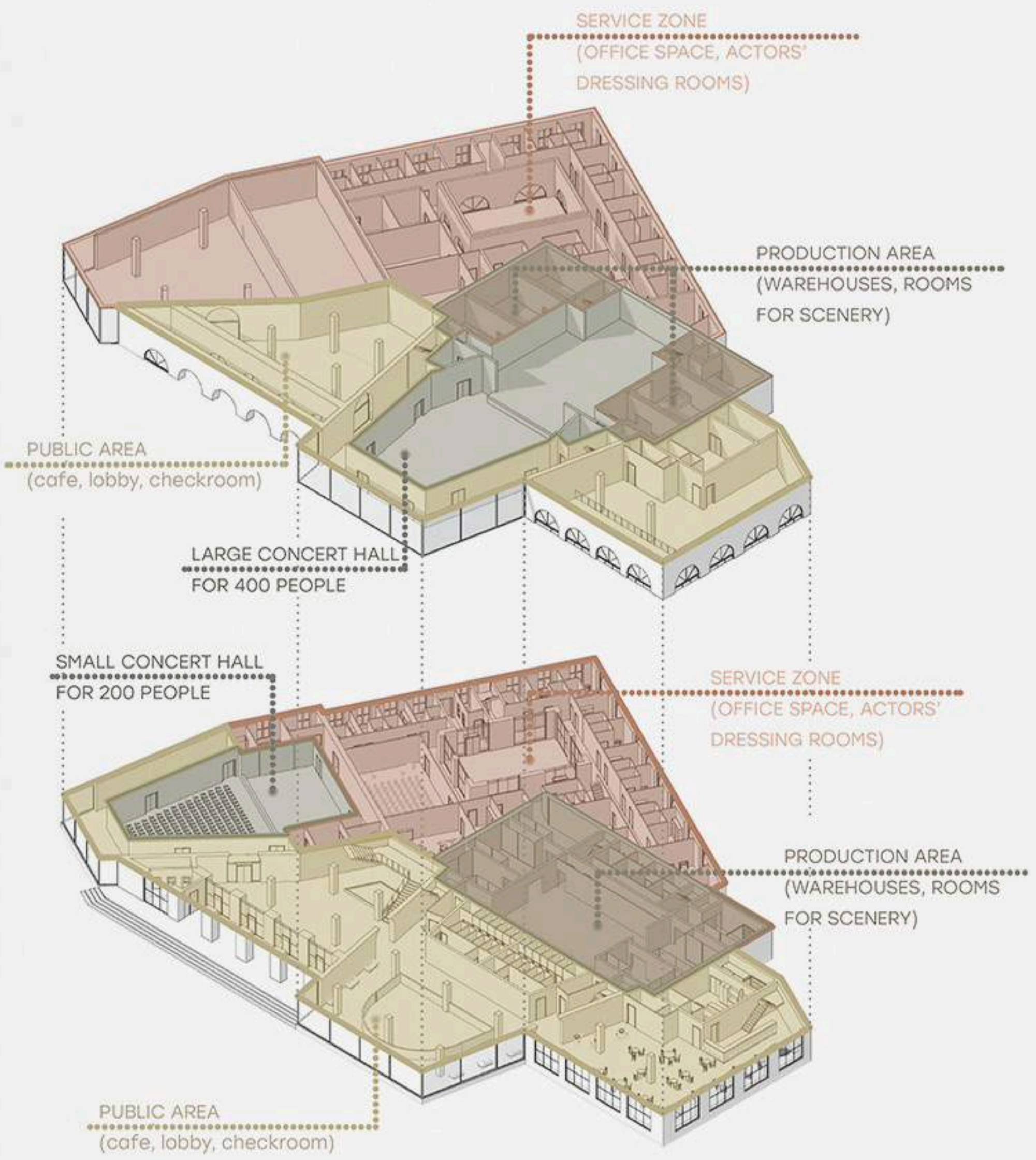
1:300



- Explication:
- 12 - meeting room
 - 13 - accounting room
 - 14 - gallery of the big hall
 - 15 - big hall for 500 people
 - 16 - stage
 - 17 - archer's stage
 - 18 - director's office
 - 19 - administrator's office
 - 20 - director's office
 - 21 - workshops
 - 22 - rehearsal room

Second Floor Plan

1:300



Functional Zoning



Section 1-1

1:100

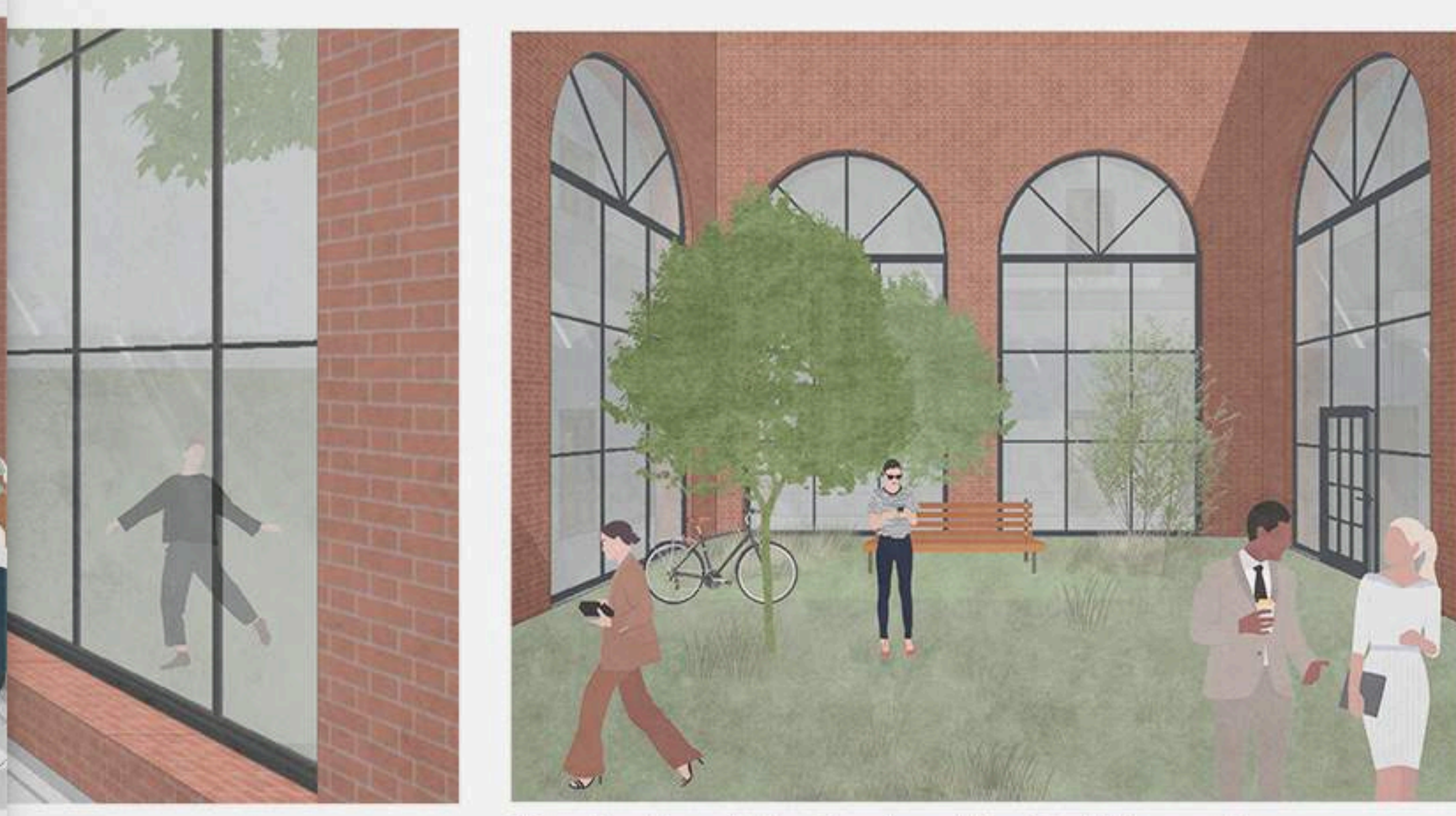


Main Facade

1:500



Visualization of Cafe Interior



Visualization of the Courtyard for Staff Recreation

CULTURAL CENTER WITH LANDSCAPED AREA

YEAR 2023
 SEMESTER 10
 PROFESSOR SUPERVISOR Shamaeva Tatiana
 LOCATION Nizhny Novgorod, Russia
 TOTAL LAND AREA 114 009 m²



CONTENT

The cultural center is being developed near the historical center of Nizhny Novgorod and is located on the high bank of the Oka River, which offers an excellent view of the back part of the city, the confluence of the Oka and the Volga River, popularly called the Arrow, as well as the metro bridge that wraps around the project site from both sides.

Despite the rich surrounding infrastructure, on the northern side there is an underdeveloped area isolated from the center, also in need of reorganization.



Explication:

- 1 - cultural center
- 2 - rental pavilion
- 3 - transformer substation
- 4 - checkpoint
- 5 - summer cinema
- 6 - small architectural form on the observation deck
- 7 - pedestrian bridge
- 8 - solid waste collection site
- 9 - open-air park-museum
- 10 - skate-ground
- 11 - parking lot
- 12 - existing building
- 13 - soccer ground
- 14 - tennis court
- 15 - lawn with simulators
- 16 - playgrounds for children

Scheme of Planning Organization of Land Plot

1:1000



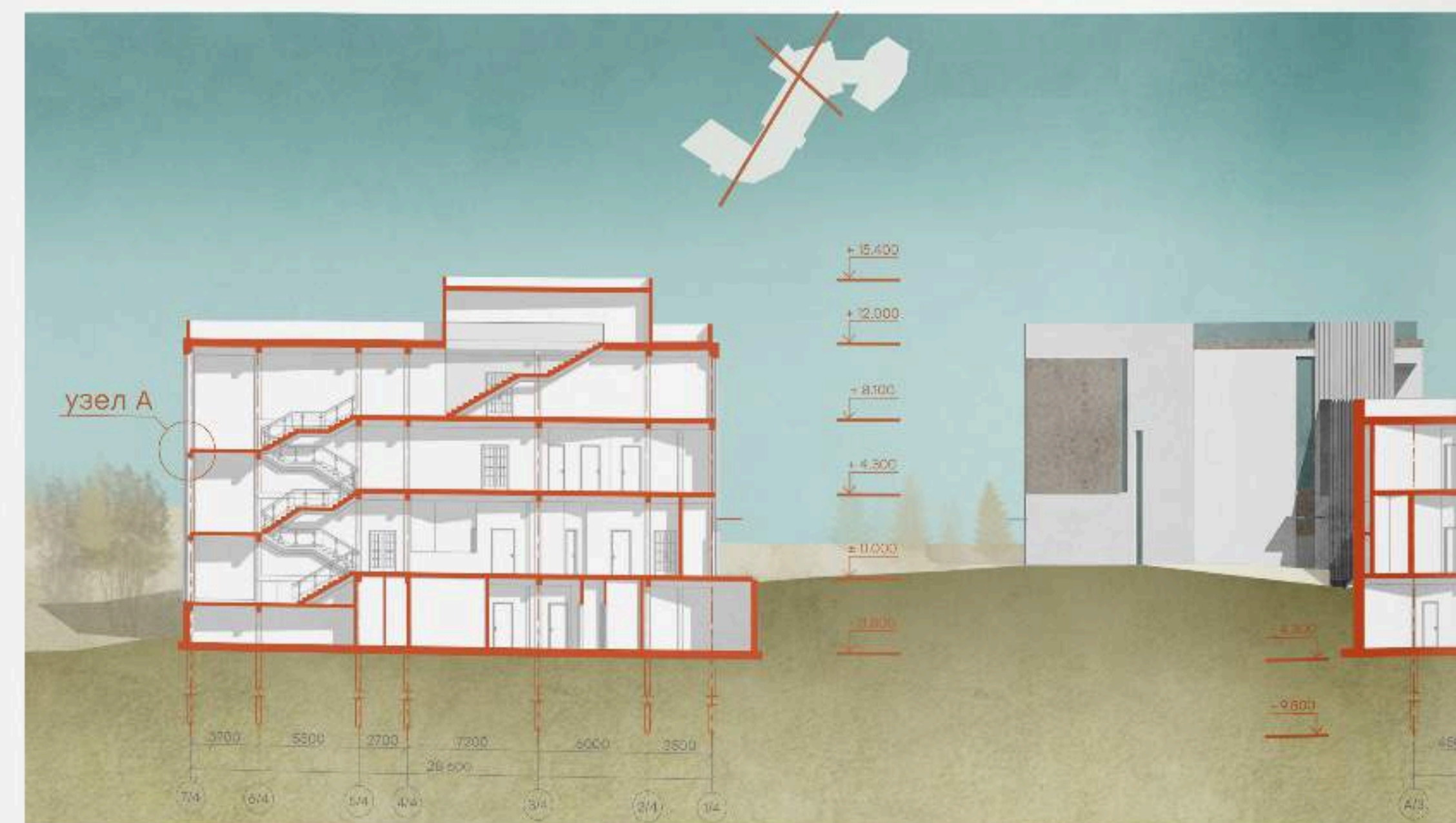
First Floor Plan

1:200



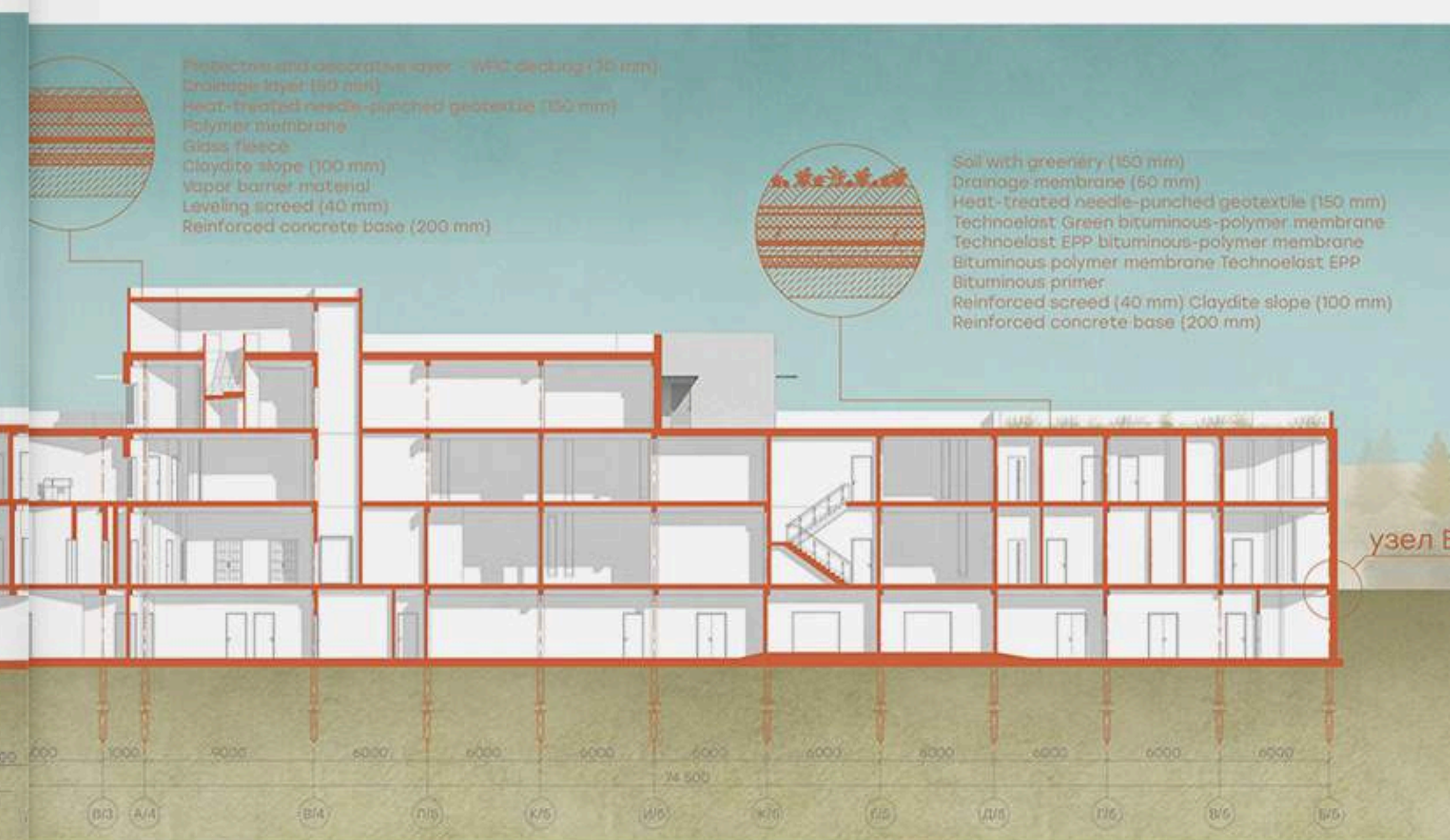
Second Floor Plan

1:200



Section 1-1

31



Section 2-2

1:200

32



Visualization of the Cultural Center / View from the Entrance Area



Visualization of Lobby Interior

CONTENT

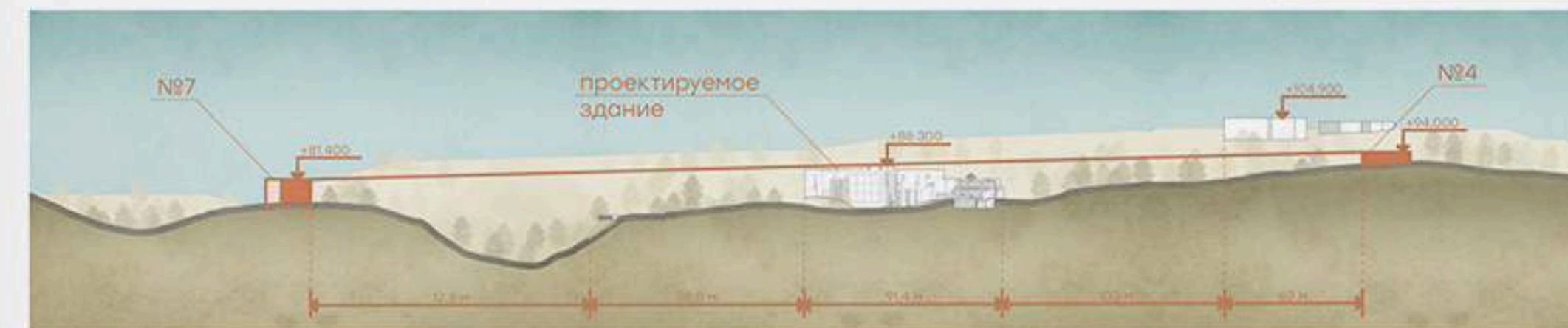
Around the projected site, seven cultural heritage objects were identified, which directly influence. The number of stories and placement of objects in the selected area.

The main requirements for all objects of cultural heritage were: neutral architecture, indentation from the boundaries of the development at a regulated distance or implementation of recreational areas with small dimensions that do not negatively affect the object and compliance with visual visibility standards.



Main Facade

ACADEMIC PROJECTS



Landscape Analysis / Visibility between CHP #4 and #7

1:1500



Landscape Analysis / Visibility between CHP #3 and #2

1:1500

CULTURAL HERITAGE PROPERTIES



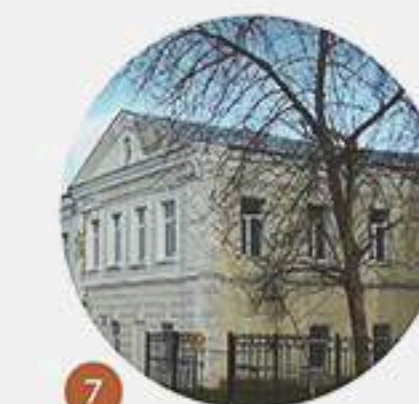
2 Church of St. John the Baptist in Blagoveshchenskaya Sloboda



3 Resurrection Church



4 House of merchant V. I. Smirnov



7 Residential building on Chernyshkovskogo Street

1:200



Axonometric View

**RESORT VILLAGE
«STARGRAD»**

YEAR	2024
NAME OF THE ORGANIZATION	freelance
LOCATION	Staritsa, Tver region, Russia
TOTAL LAND AREA	16,6174 ha
DESCRIPTION OF TASKS	Development and analysis of the general plan, preparation of working documentation



Master Plan with Landscaping

CONTENT

STARGRAD is a cottage resort village located on the banks of the Volga River, in the historically significant city of Staritsa, on the Golden Ring.

Due to the correct concept of zoning land plots with unique species characteristics, a well-equipped Volga coastline, a sauna complex, an extensive network of walking paths, a developed leisure area, sports and recreation on the water, playgrounds and small architectural forms, a resident of our village receives high-quality living conditions.



Master Plan with a Water Sewer Scheme



Master Plan with Water Supply Scheme



Master Plan with Transport Scheme



Master Plan with Electrician Scheme

VILLAGE PROJECT IN KRASNODAR

YEAR	2023
NAME OF THE ORGANIZATION	Gergel Studio
LOCATION	Krasnodar, Russia
TOTAL LAND AREA	16,7 ha
DESCRIPTION OF TASKS	Development and analysis of the general plan, preparation of working documentation



Master Plan



Master Plan with Zoning of the Territory



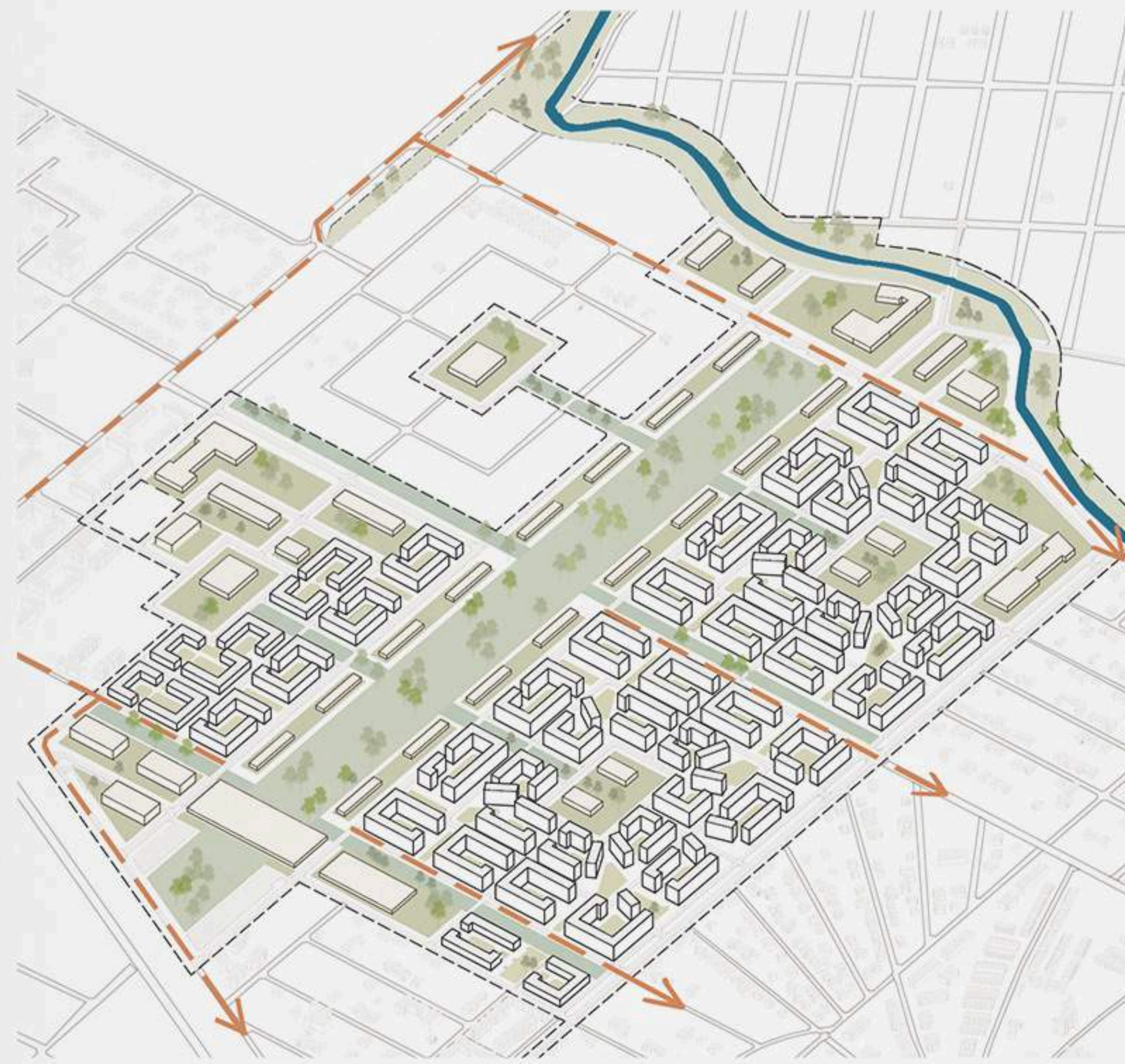
Master Plan with the Placement of Objects



Master Plan with Social Facilities



Axonometry with Building Height



Axonometry

CREATIVE UNION «OGNIVO»

YEAR	2022-2023
NAME OF THE ORGANIZATION	Ognivo
LOCATION	Moscow, Russia
WEBSITE	https://futurearchitects.ru/ognivo
DESCRIPTION OF TASKS	Website design, creating collages and mockups



Mockup in the Stylistic Theme of the Project



CONTENT

OGNIVO is a multidisciplinary team of young and creative architects who create graphic design, space and environment design projects.

Our projects are a modern interpretation of the Russian code and the definition of Russian identity in architecture and design.



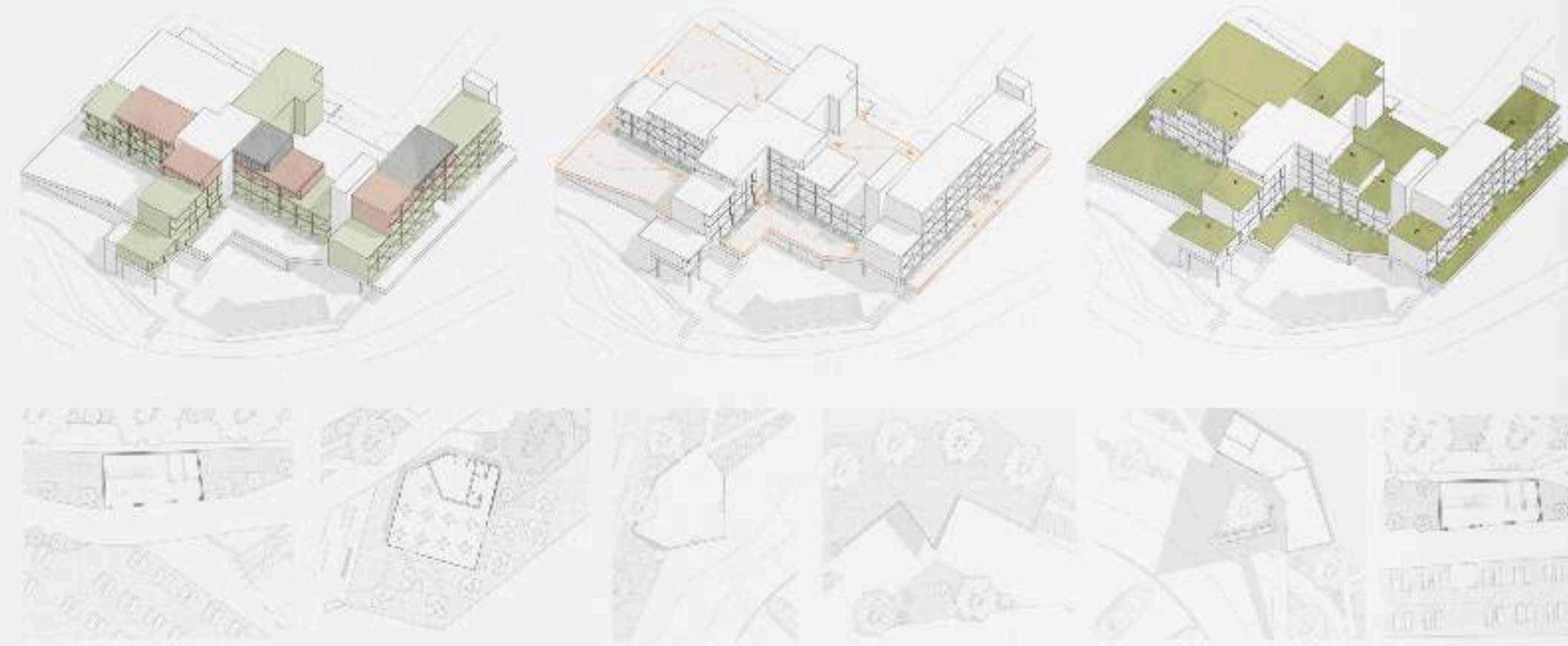
Spring and Winter Collage for the Main Page on the Website



Collages of the Apartment Interior



YEAR 2023
LOCATION Starigrad, Croatia
NAME OF THE COMPETITION The EDU. Project Croatia Competition
PATICIPANT Petukhova Y., Utkina E., Galkina S., Krashennikova A., Neshitova K.
COMPETITION TASK Design of the resort and tourist complex and coastline

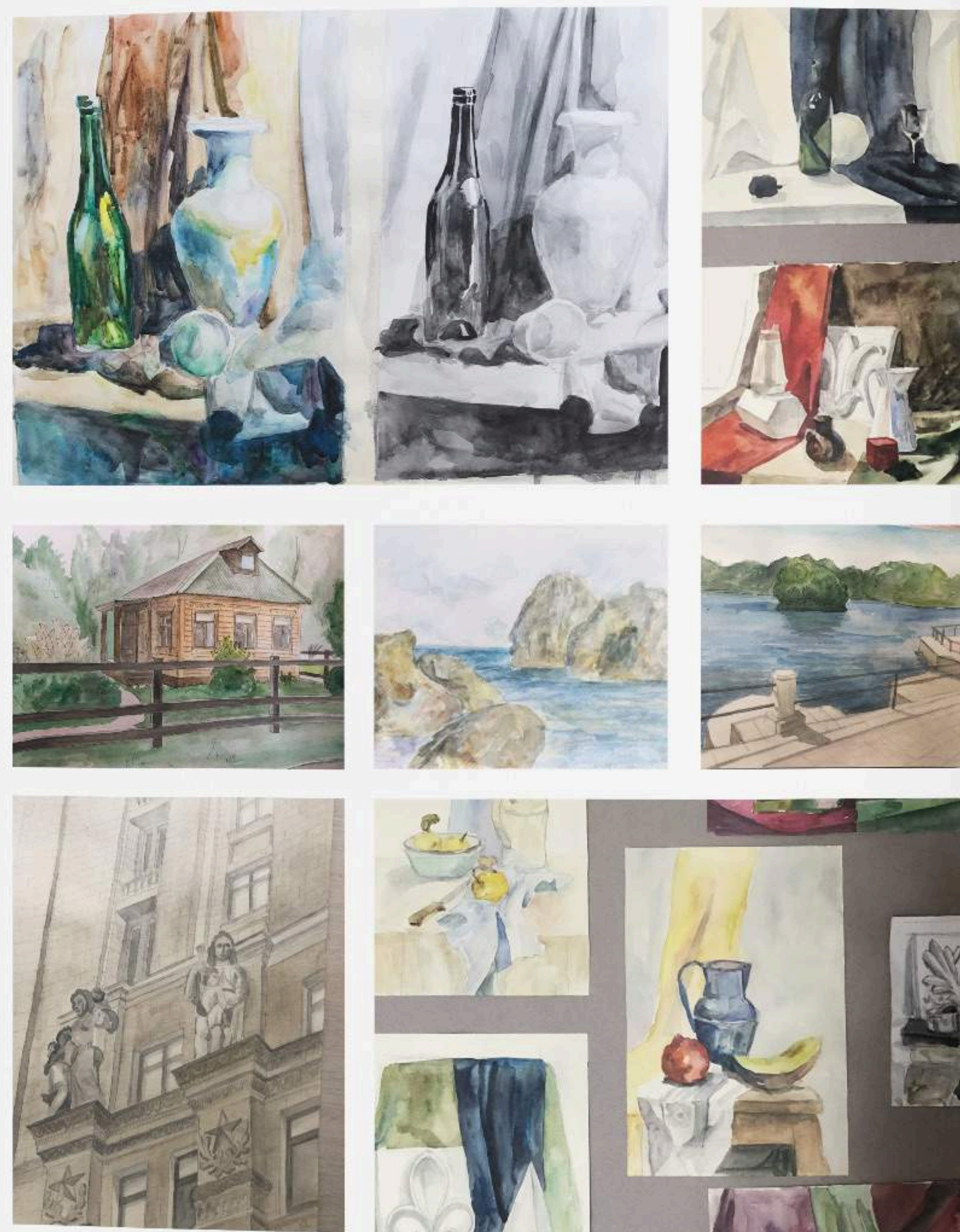


Hotel for 300 Beds in Croatia

CREATIVE AND SOCIAL ACTIVITES



Landscaped Promenade with Yacht Club in Croatia

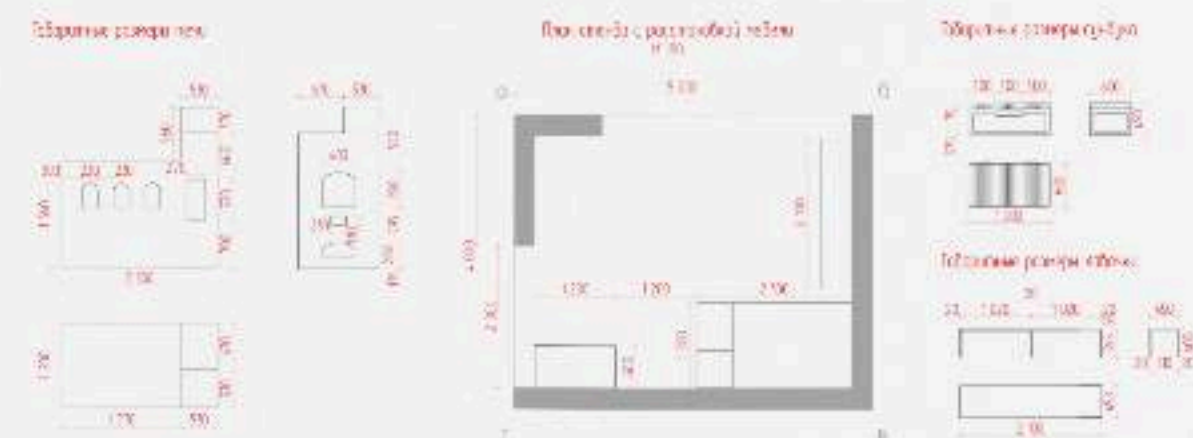
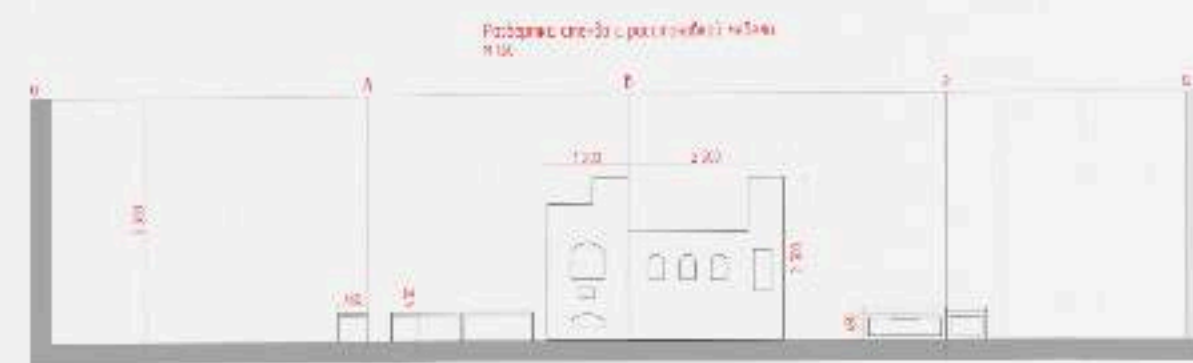


YEAR 2023
 ARCHITECTURAL BUREAU Horovod Space
 LOCATION Moscow, Russia
 THEMATIC Designing a holiday house in the Moscow region



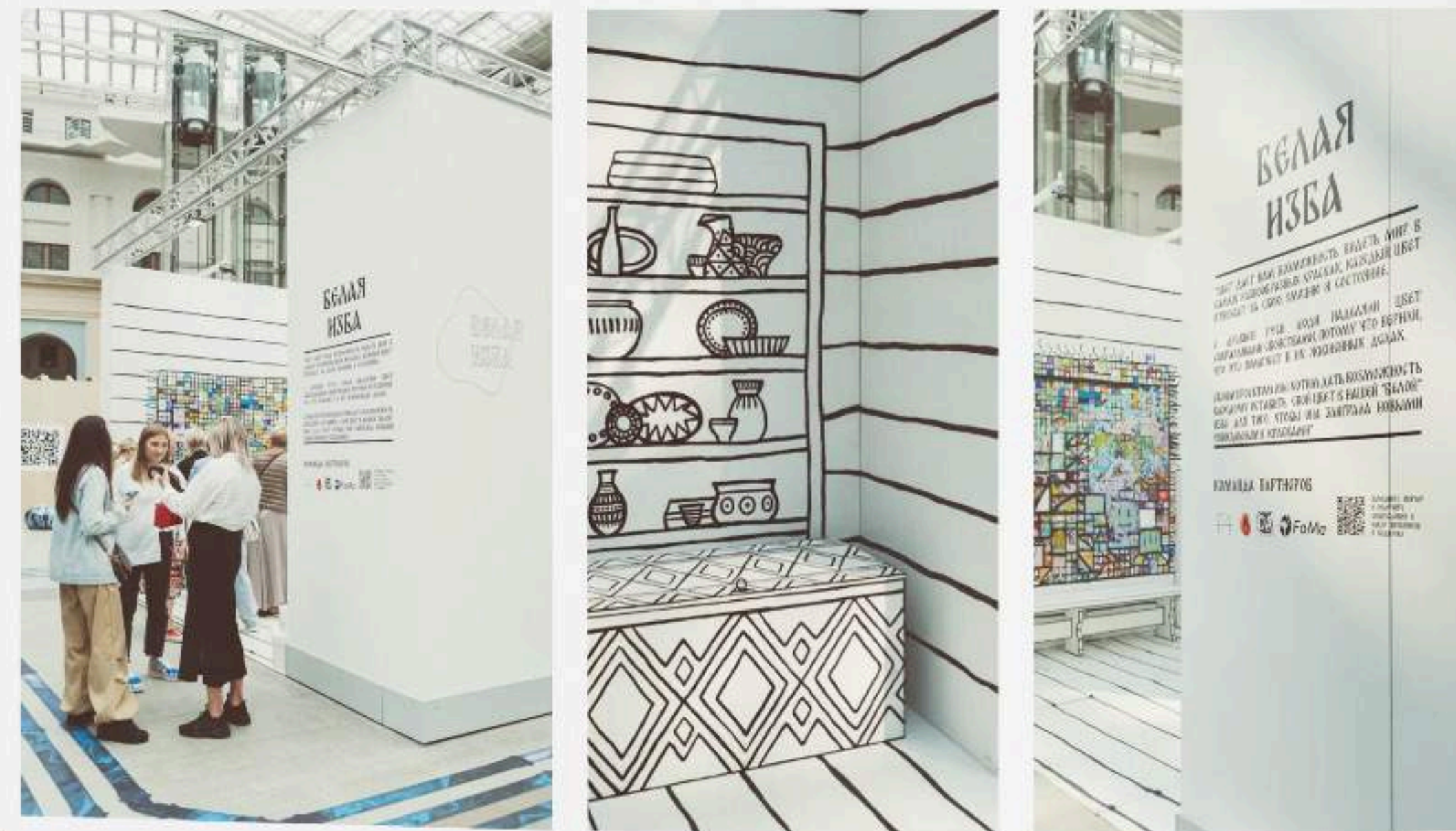
ARCH MOSCOW 2023

YEAR 2023
 LOCATION Moscow, Russia
 NAME OF THE ORGANIZATION Ognivo
 COMPETITION TASK Presenting your brand (any format), attracting clients



CONTENT

The idea of the exhibition pavilion was proposed by the creative association «Ognivo». The theme fully corresponds to the identity of the project. A hut in black and white with colored interior elements.



SCIENTIFIC ARTILES

YEAR 2021
 LOCATION Moscow, Russia
 LANGUAGE Russian

1. «Target Benchmarks in the Selection of Sites for Renovation»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45739768>
2. «Level of Support for the Capital's Housing Stock Renovation Program»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45739769>
3. «Specifics of Environmental Expertise»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45741639>
4. «The Problem of Preserving Architectural Monuments»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45605527>
5. «Practice of Completion of Construction in Progress»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45739770>
6. «Environmental Impact Assessment of Construction Waste»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45741638>
7. «Foundation Waterproofing Survey»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45605393>
8. «Provision with Housing Stock by Groups of Constituent Entities of the RF»
 authors: Petukhova Y.A., Vaganova A.I.,
 link to the article in e-library: <https://elibrary.ru/item.asp?id=45741983>

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petukhova-yulya@inbox.ru

