

ARCHITECTURE PORTFOLIO

KIMIA KARIMI

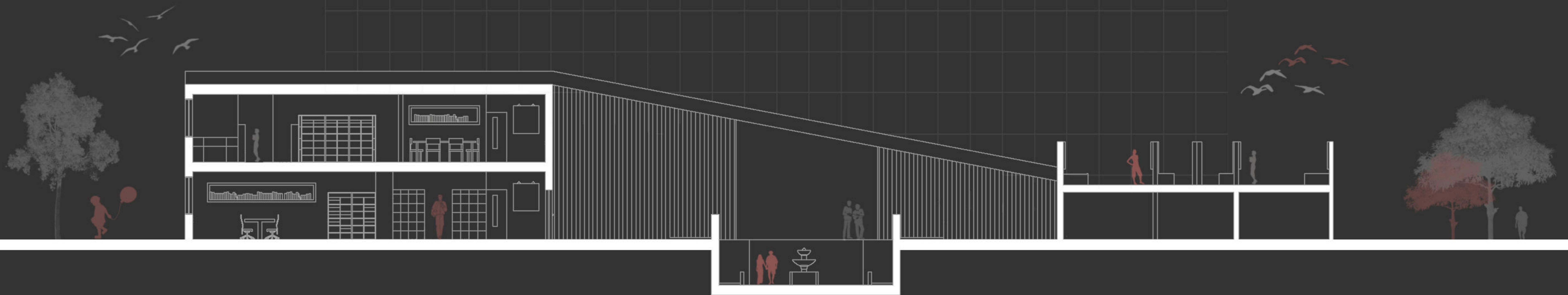




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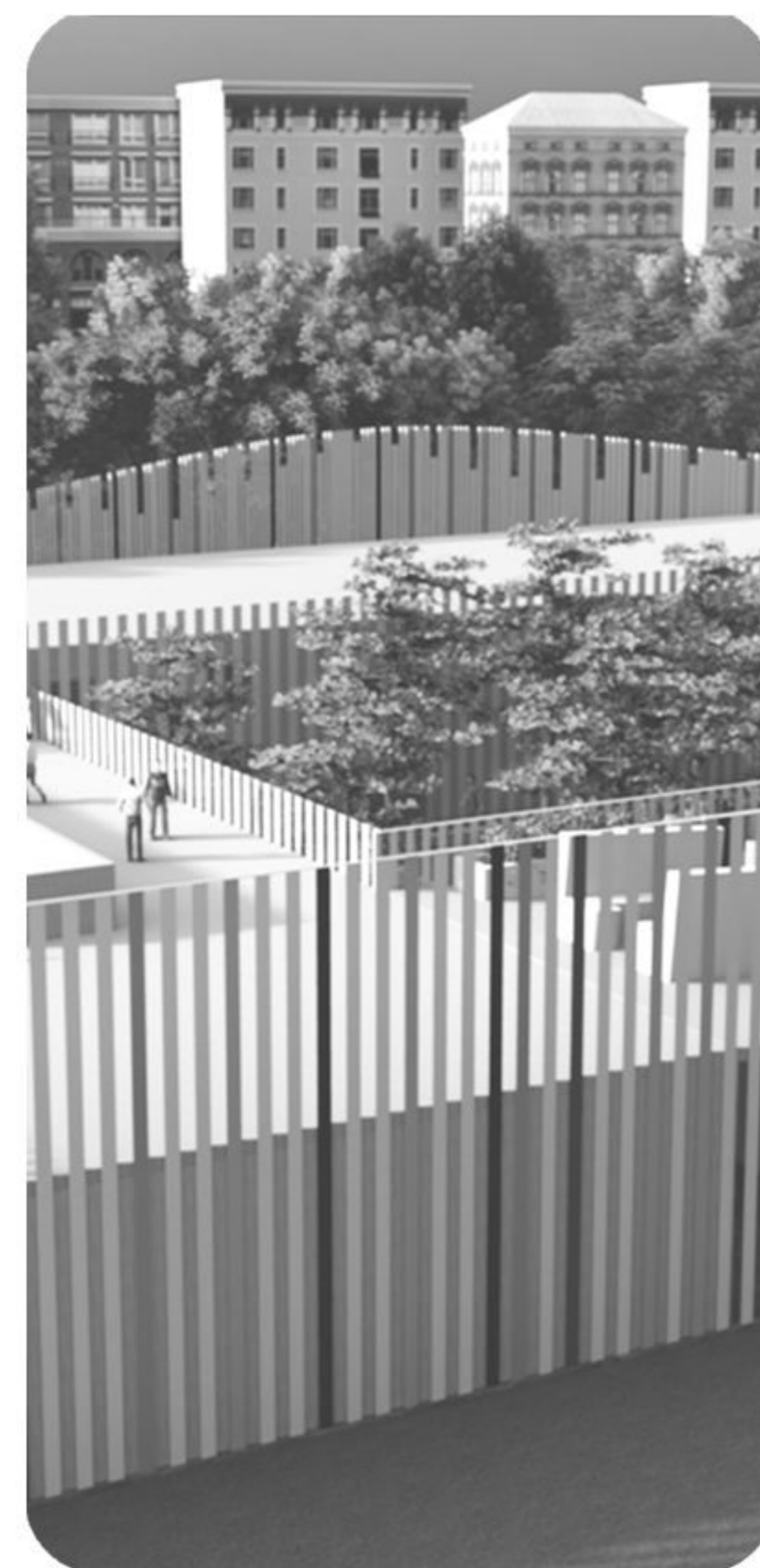
**Kimia
Karimi**

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@ kimiakarimi2706@gmail.com
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kim_folio

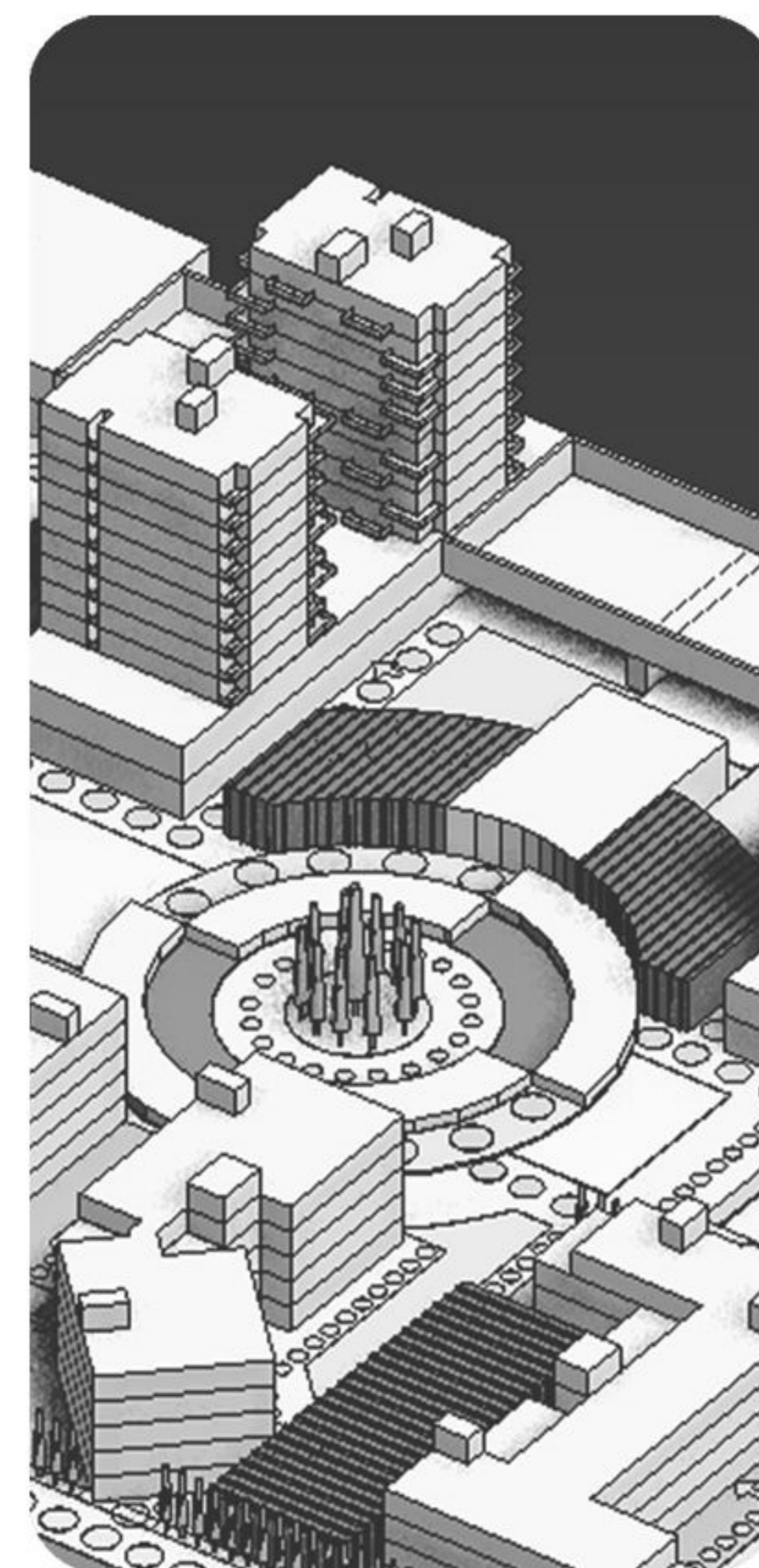
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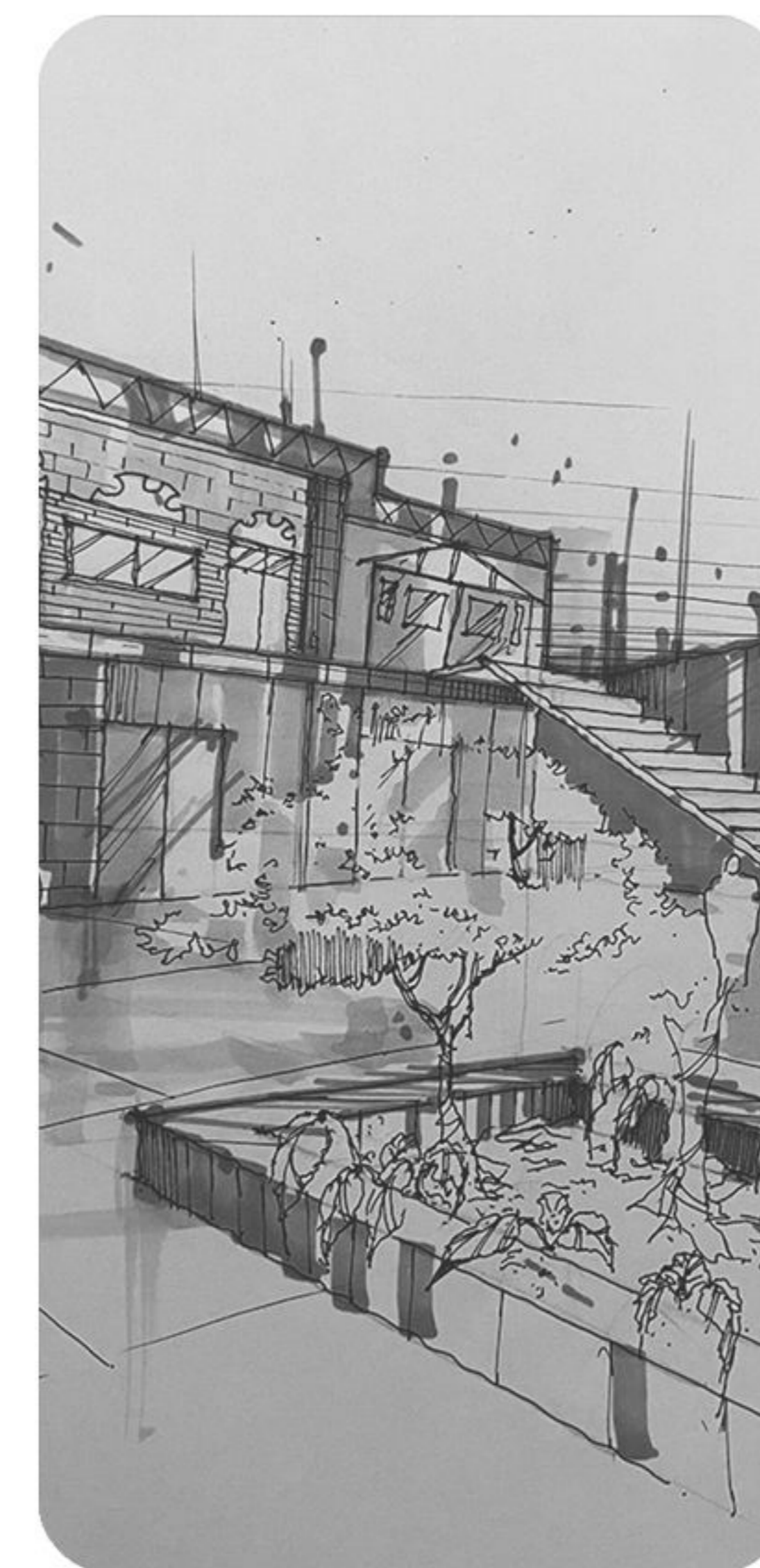
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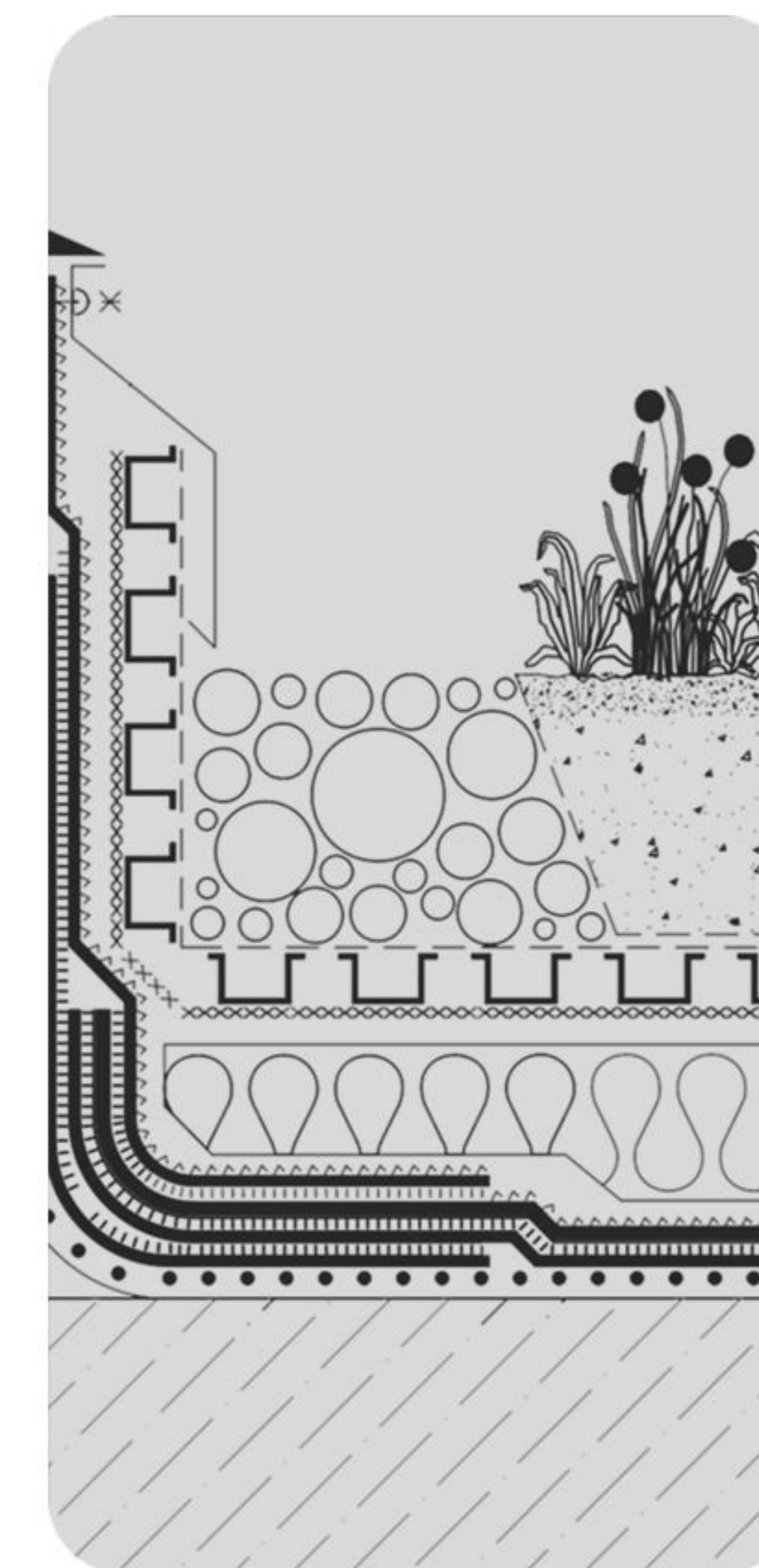
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References:

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Experiences..... Date

AUTO-CAD DRAFTER, ARIAN ENG. GROUP..... Oct 2021-Present
An intern-ship program mainly focused on Auto-cad drafting, Residential apartment design, etc.

RESEARCH ASSISTANT, IAUM Summer Of 2019
Researched on the sustainability of rural architecture, supervised by my University professor.

Education Date

Bachelor of Architecture at IAUM (GPA= 4.6/5).....2016-2021

Certificates Date

IELTS (Band 7) Nov 2019

Architecture Group Exhibition..... Jul 2018

Architectural Design Process Workshop..... Sep 2017

Skills One To Five

AutoCad **3ds Max** **Photoshop**

Lumion **Drawing** **Revit**

Languages Proficiency

Persian..... Native and bilingual proficiency

English..... Professional working proficiency

French..... Elementary proficiency

Hobbies In No Particular Order

Playing Tonbak **Coffee With Friends** **Drawing**

Watching Movies **Reading Books** **Dancing**

01 Youth Cultural Center

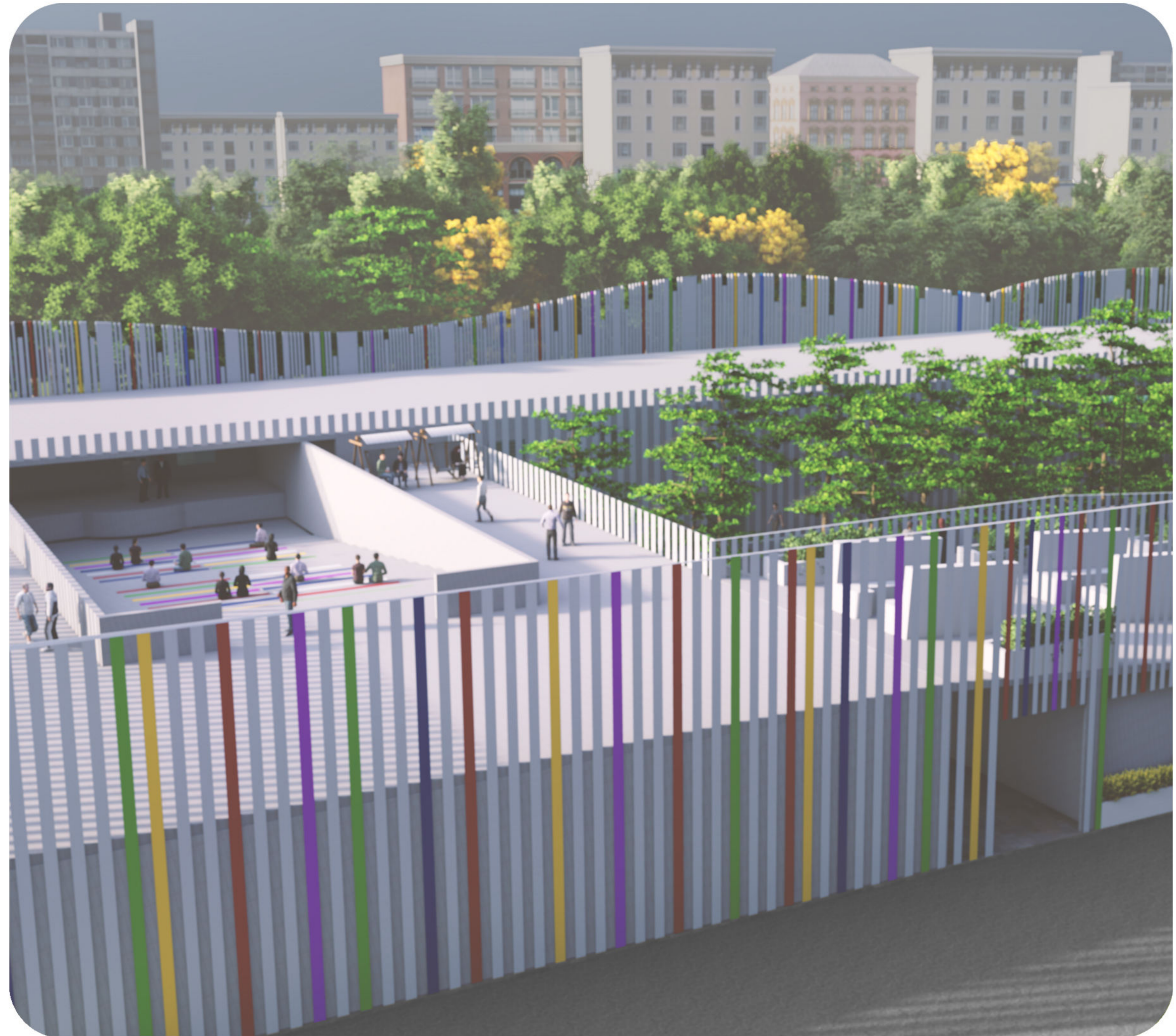
My BA project was a solo endeavor in which the student chose the subject, location, and concept.

► So, why a Youth Cultural Center?

I intended my design to benefit the city in which I've grown, Mashhad. Despite being Iran's second-biggest city, Mashhad lacks youth-oriented infrastructure.

► How did I pick the Site's Location?

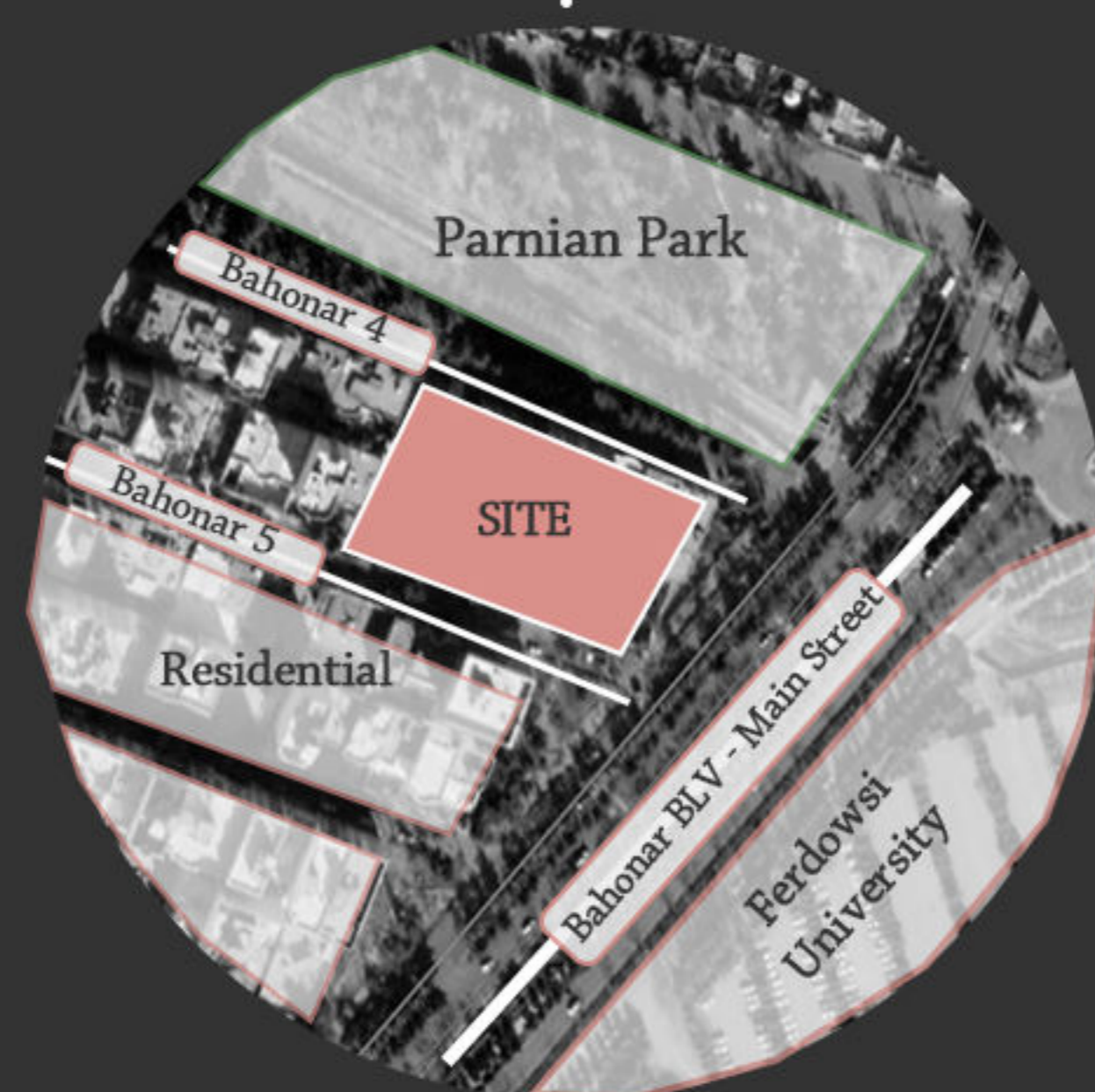
The Ferdowsi University of Mashhad, one of the most popular universities for Iranian students, was founded in 1949 and now enrolls 25'000 students from around the country. I've considered that by establishing a Youth Cultural Center near the university, we can give an extremely pleasurable experience to the students.



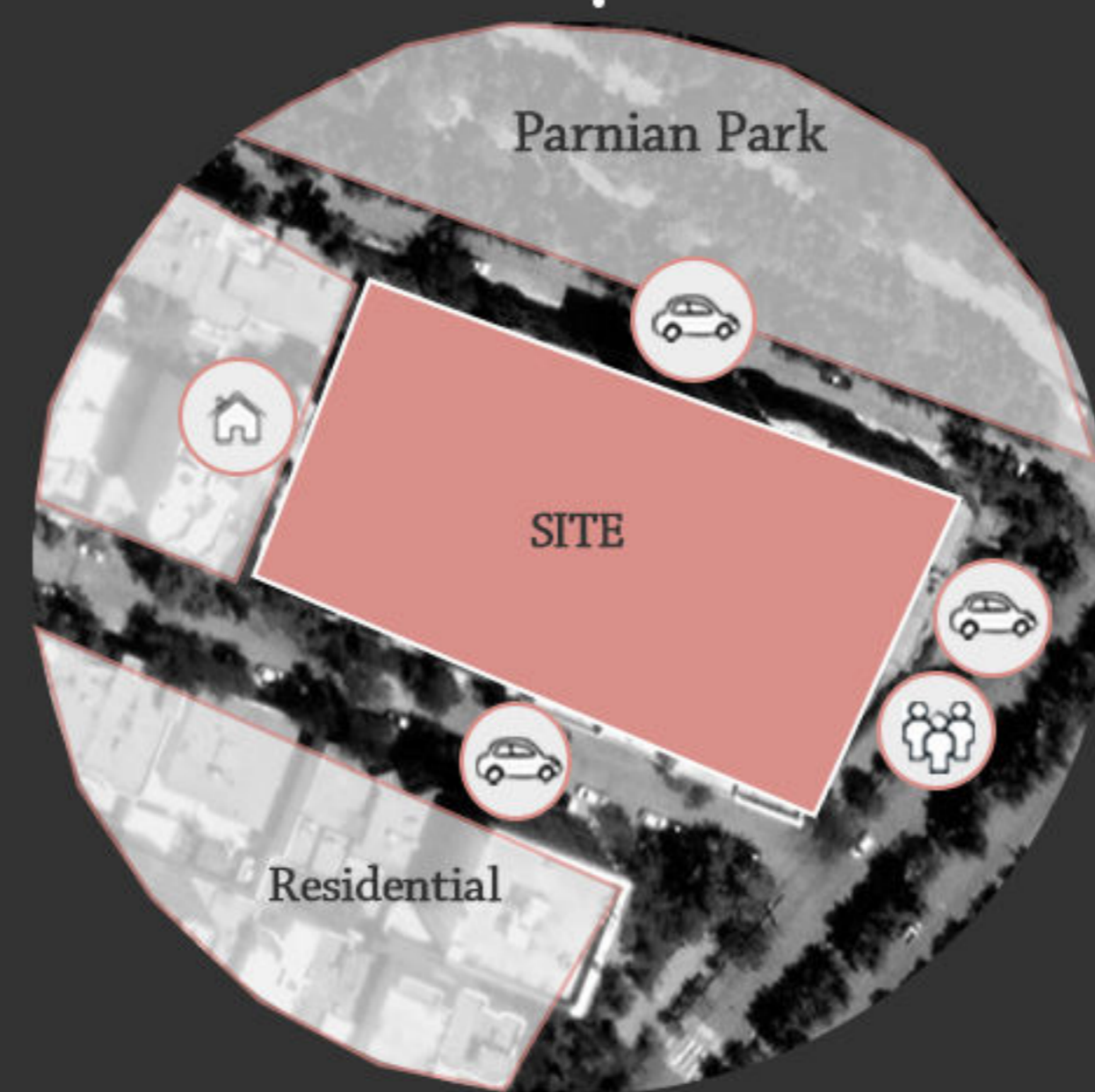
Site Analysis



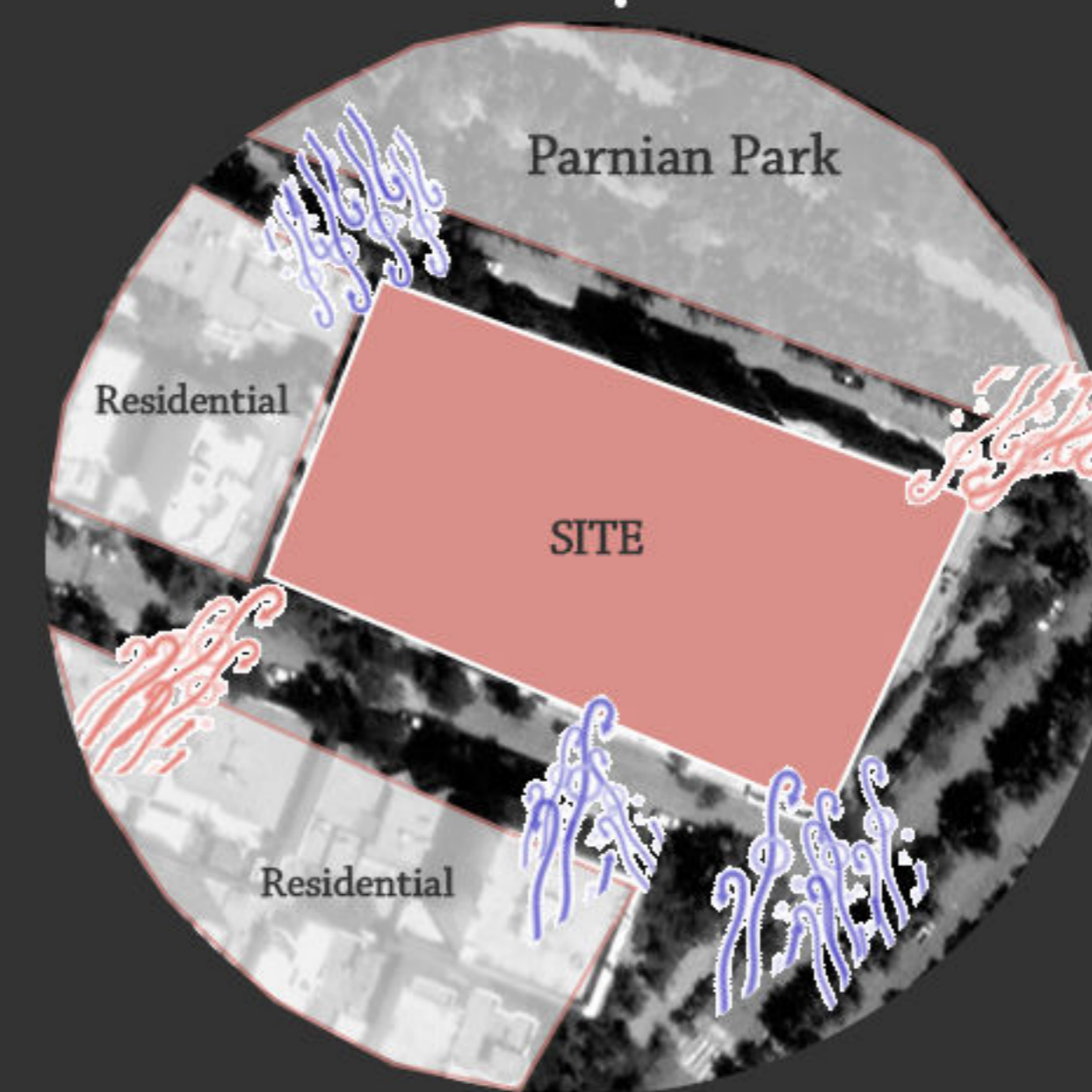
Location



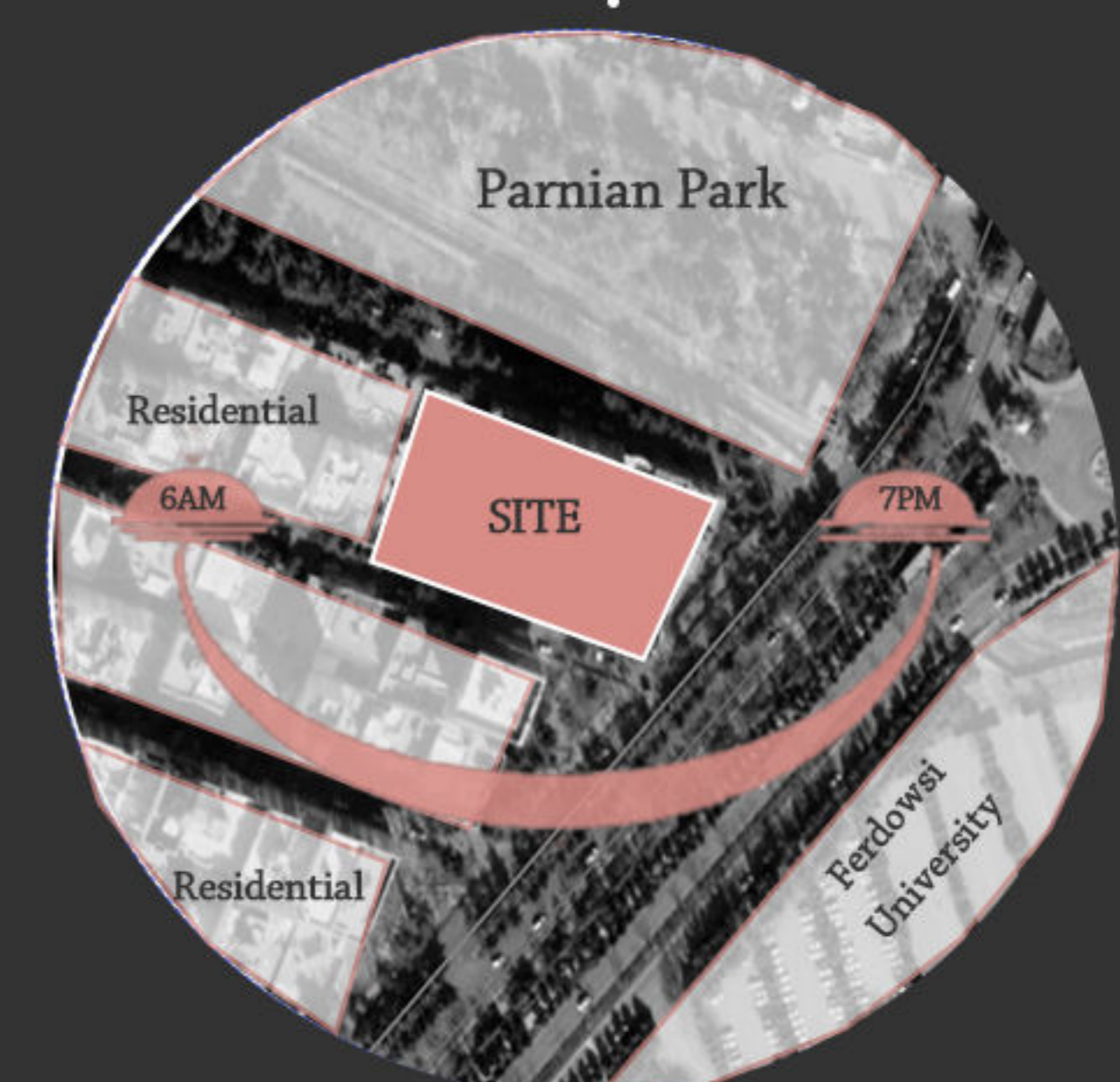
Entrances



Noise Pollution



Wind



Sun

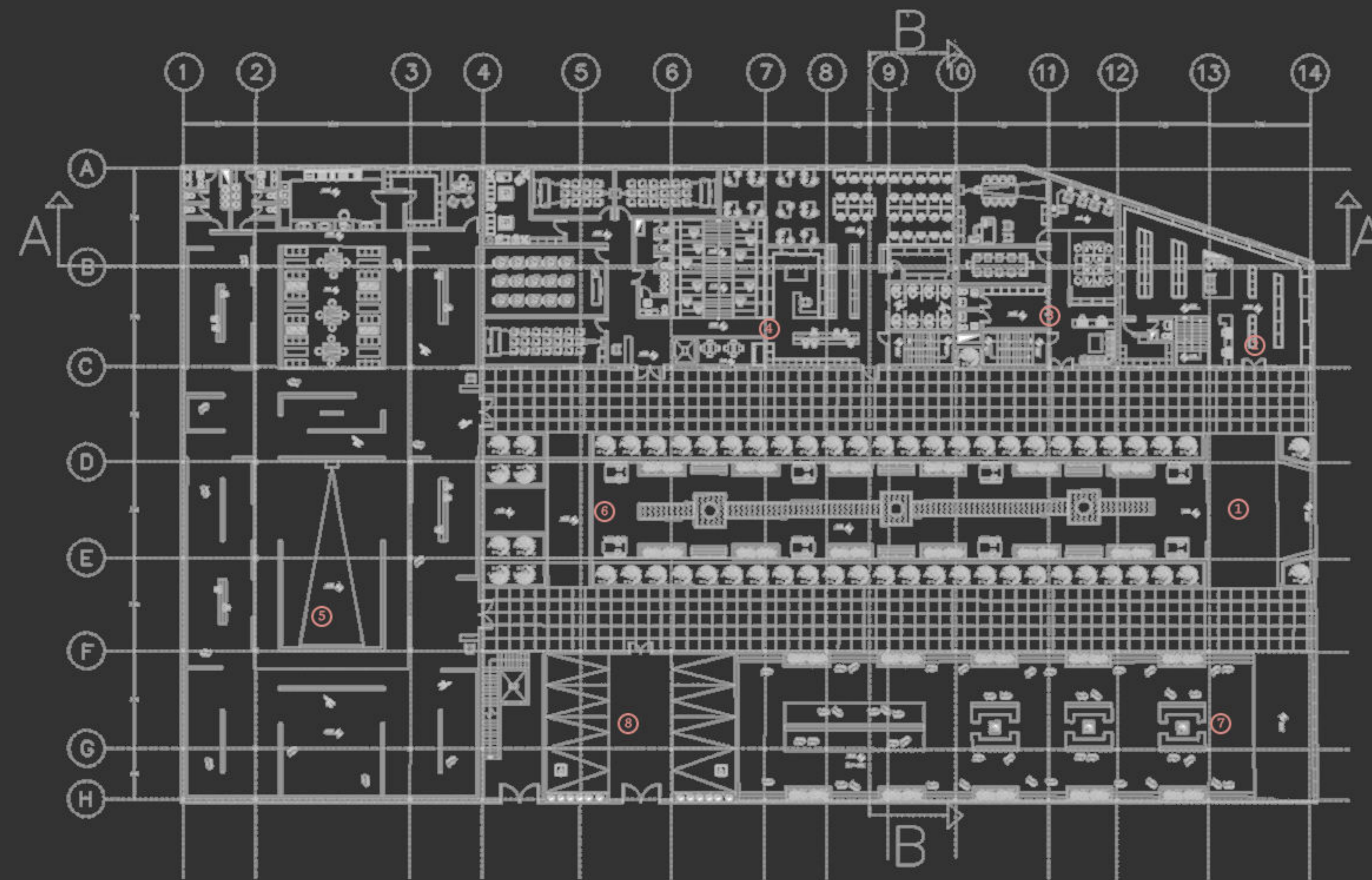


Section A-A

Section B-B

01 Youth Cultural Center

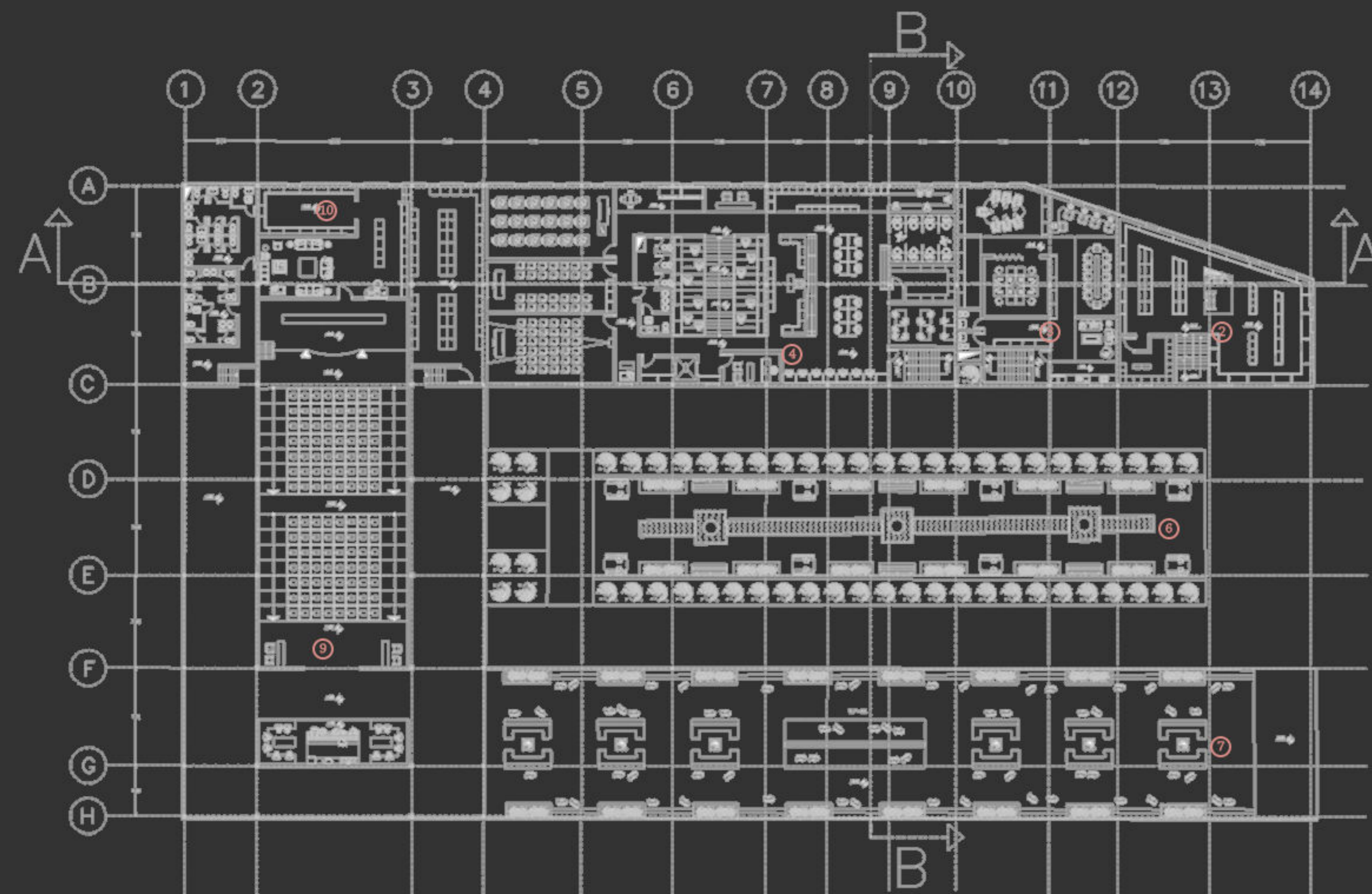
Ground Floor Plan



Spaces:

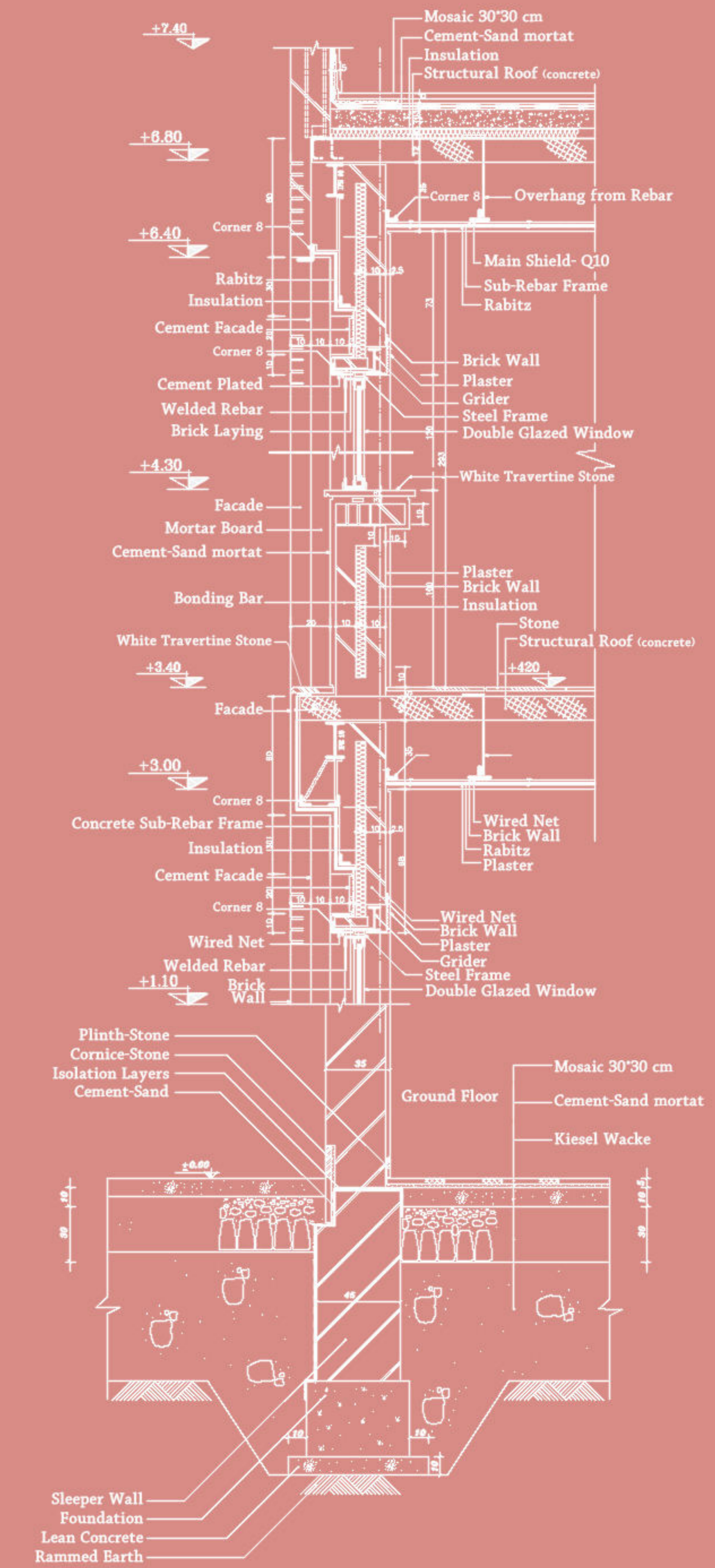
- ① Entrance
- ② Shop
- ③ Office
- ④ Educational
- ⑤ Gallery
- ⑥ Sunken Garden
- ⑦ Outdoor Gallery
- ⑧ Parking

First Floor Plan



Spaces:

- ② Shop
- ③ Office
- ④ Educational
- ⑥ Sunken Garden
- ⑦ Outdoor Gallery
- ⑨ Amphitheatre
- ⑩ Services

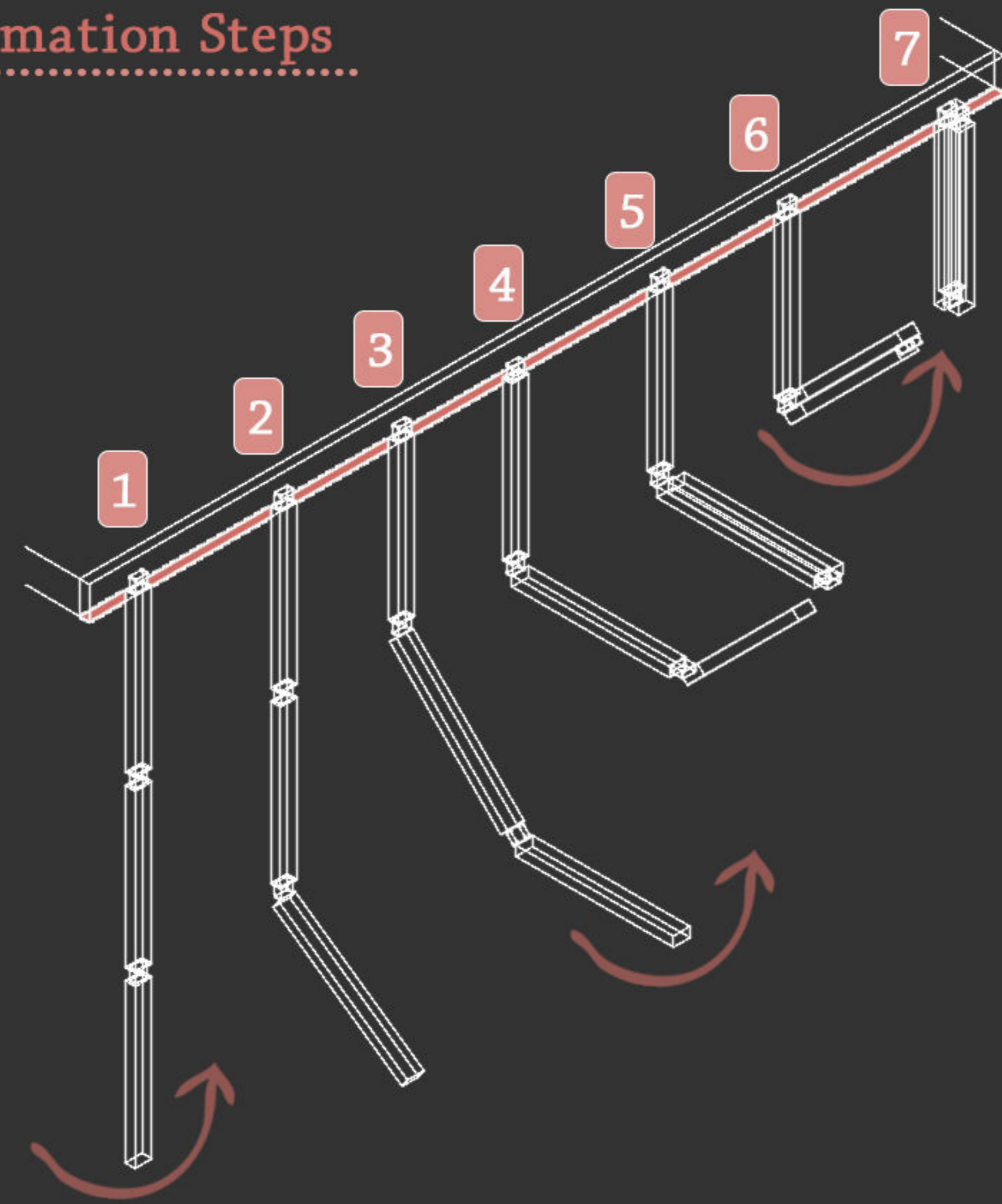


Wall Section

01 Youth Cultural Center

Moving Louvre formation Steps

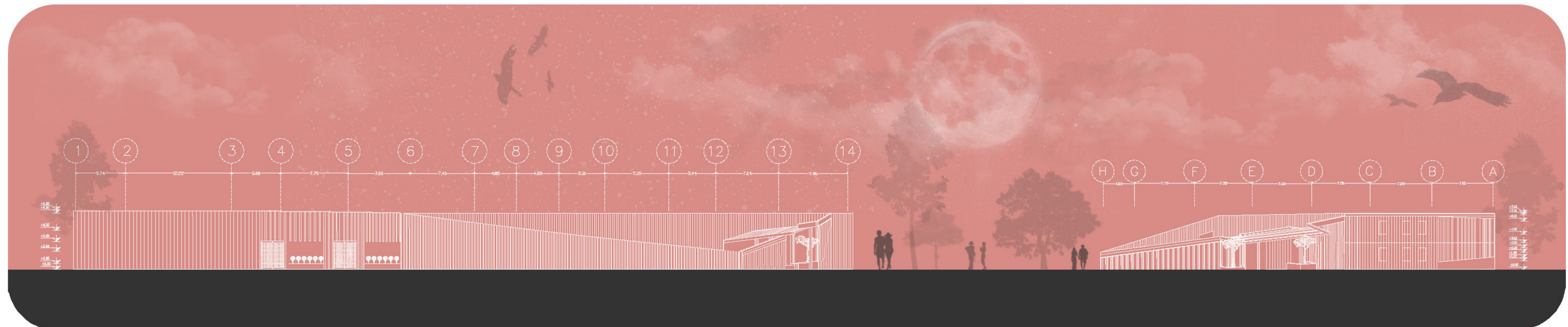
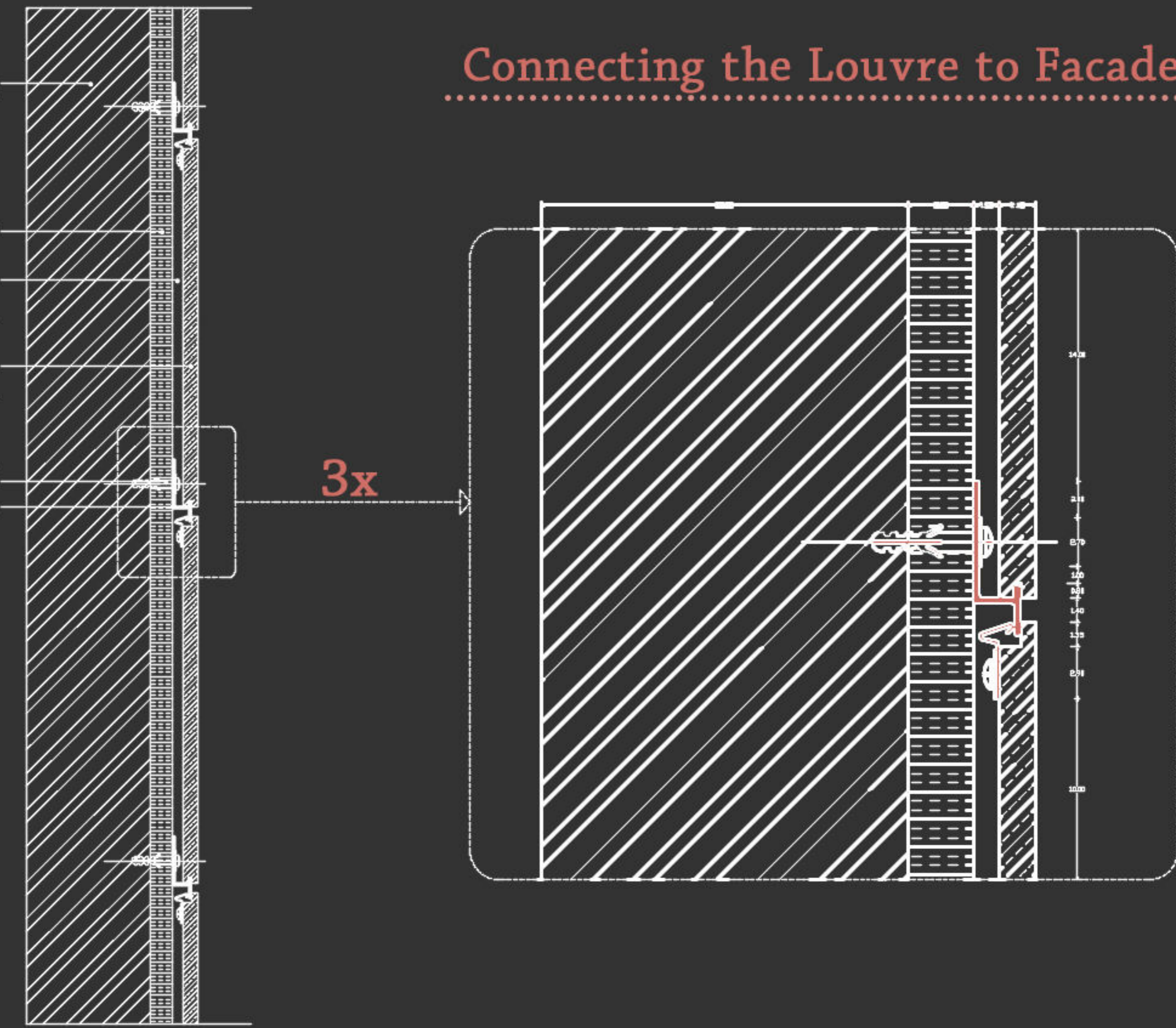
From Left to Right, in seven steps, we can see how the Louvre folds and adjusts itself with sun height through out the day, creating a pleasant temperature.



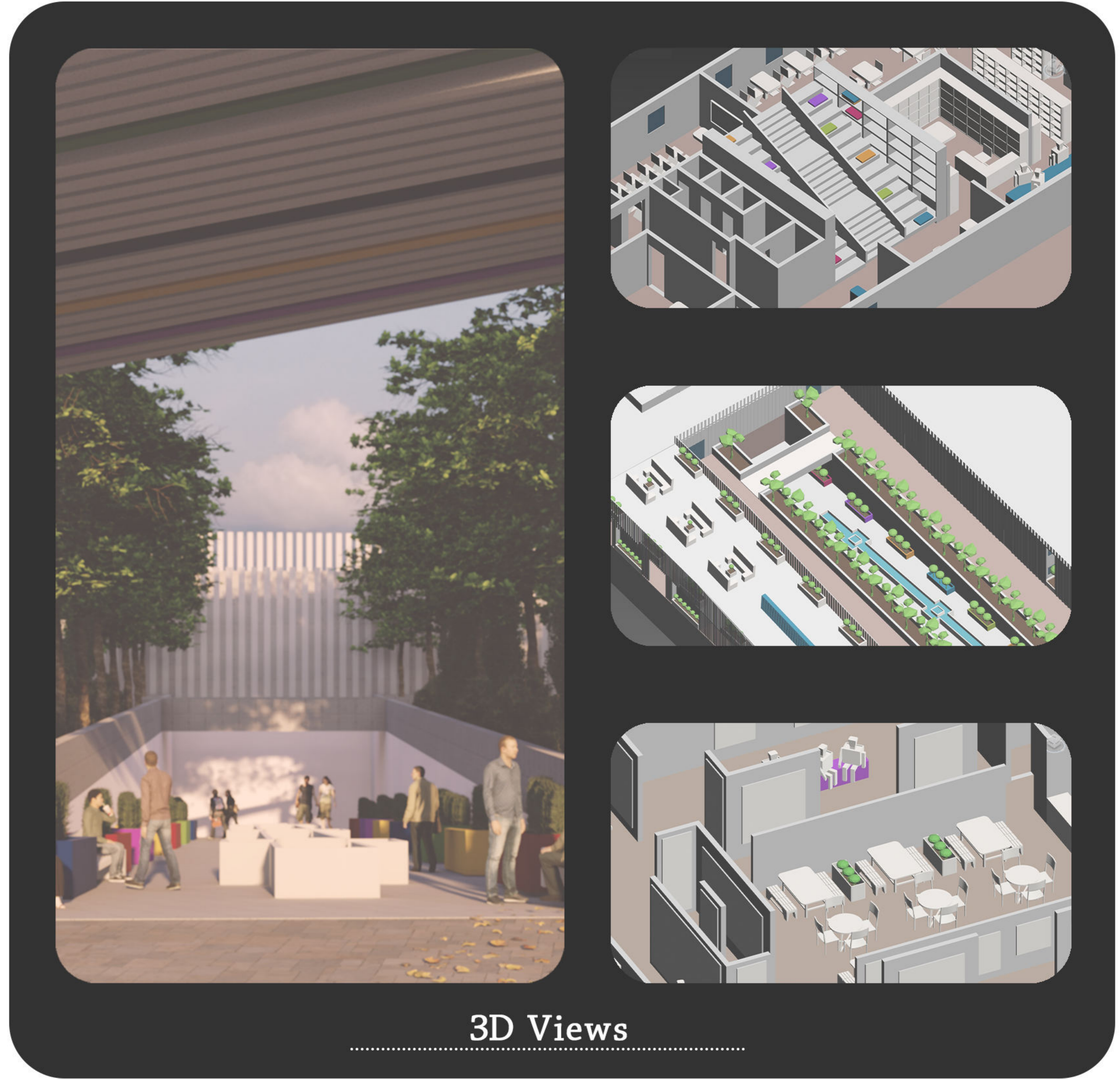
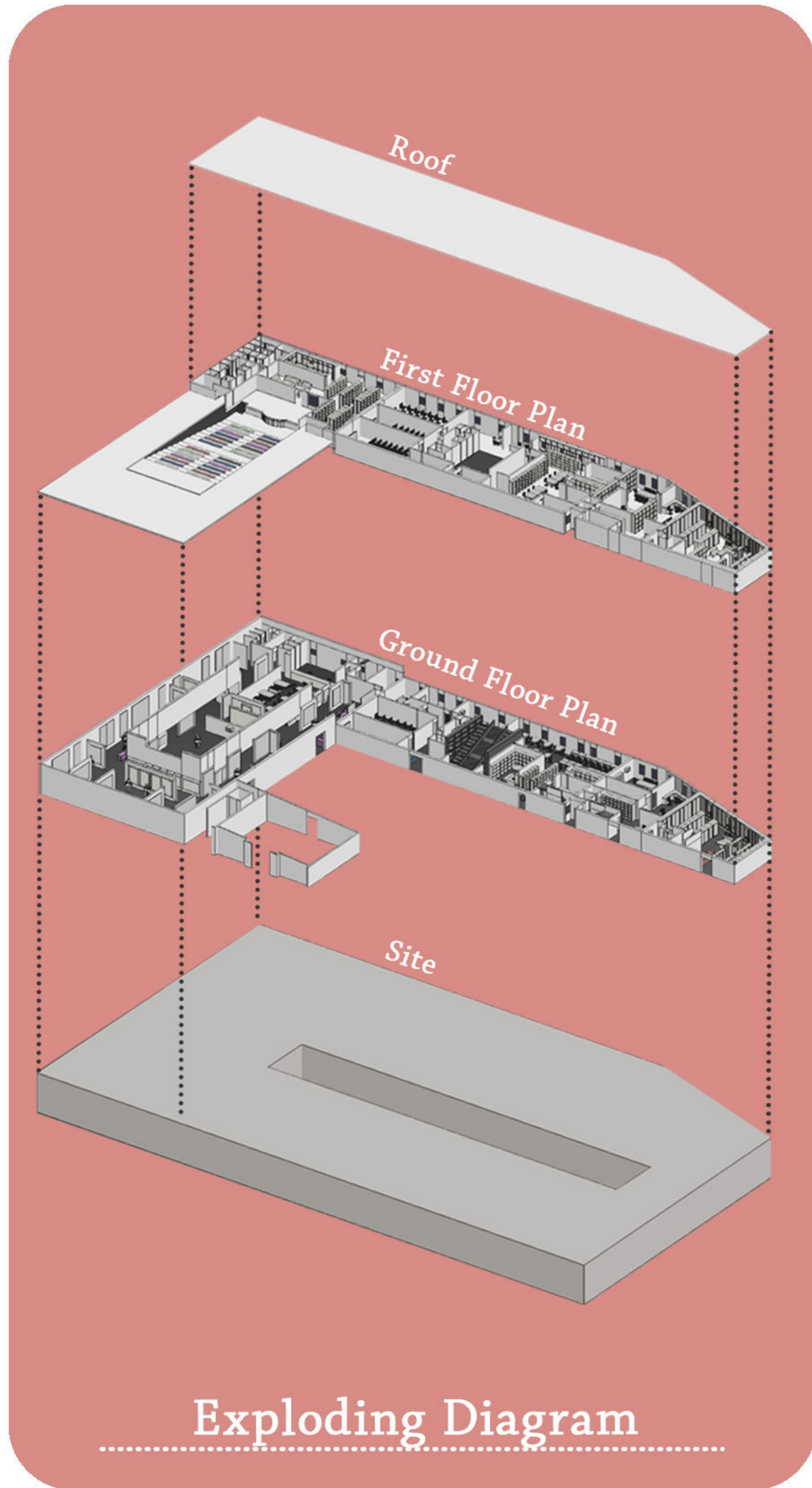
Connecting the Louvre to Facade

20cm Structural Wall
3cm Insulation Layer
1.5cm Space for Natural Ventilation
2cm Movable Aluminum Vertical Louver
Screw
Louvre Holder Base

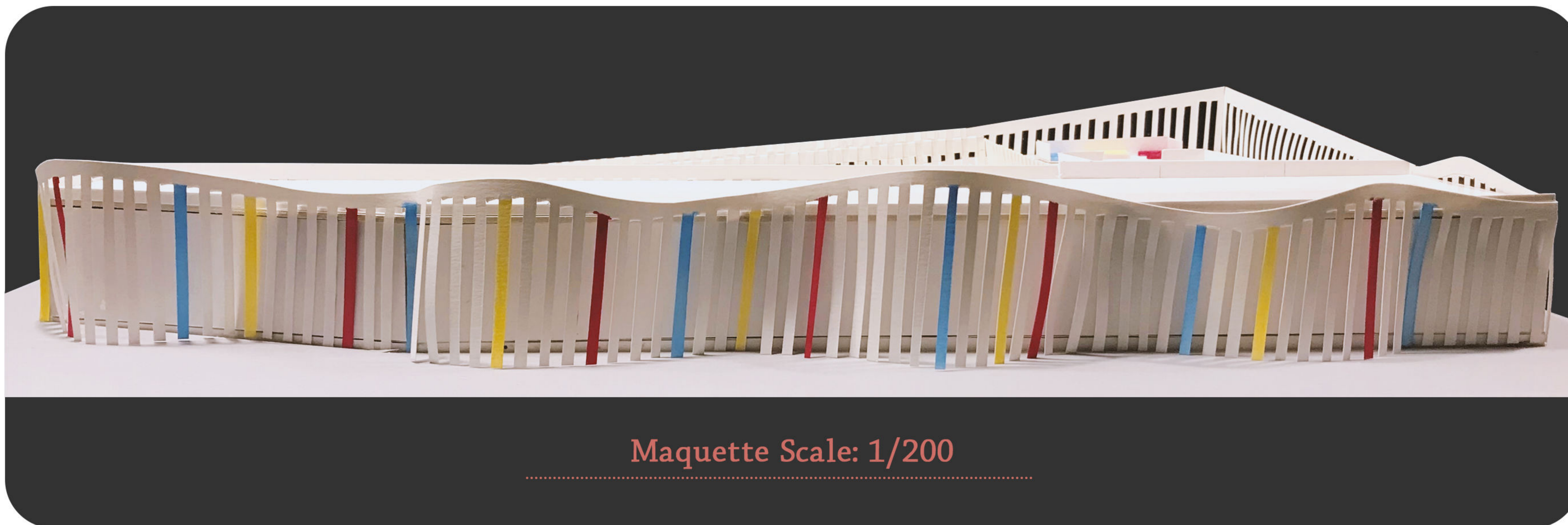
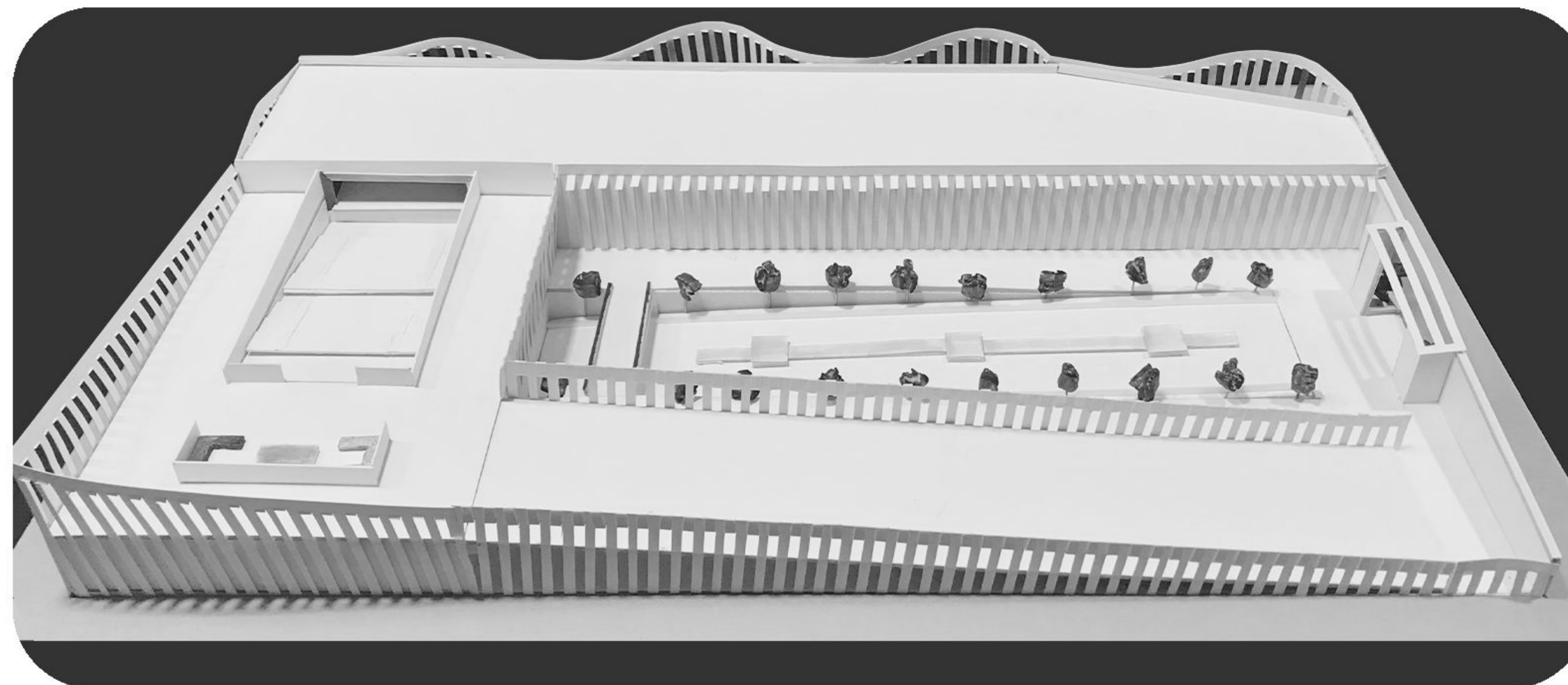
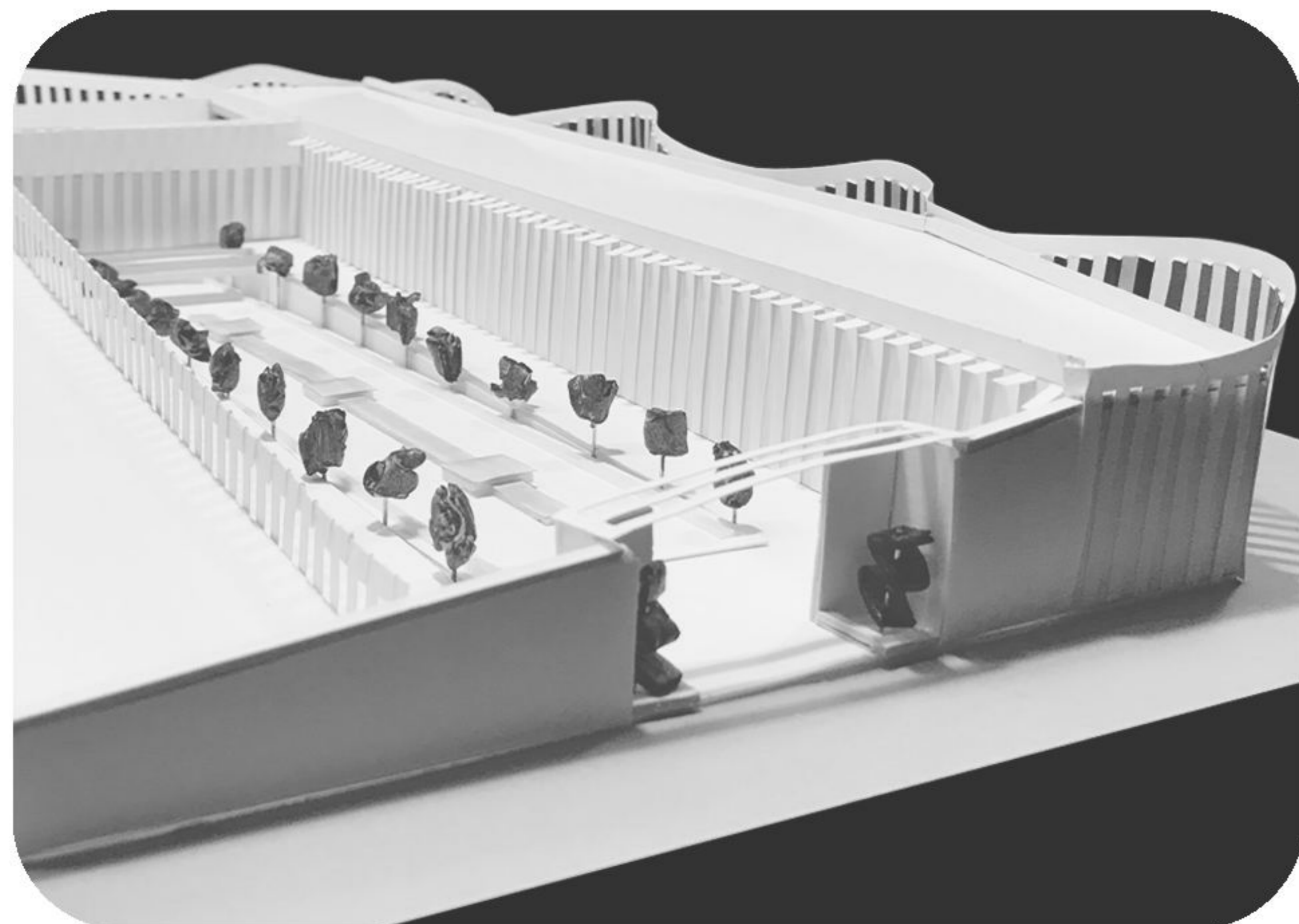
3x



01 Youth Cultural Center

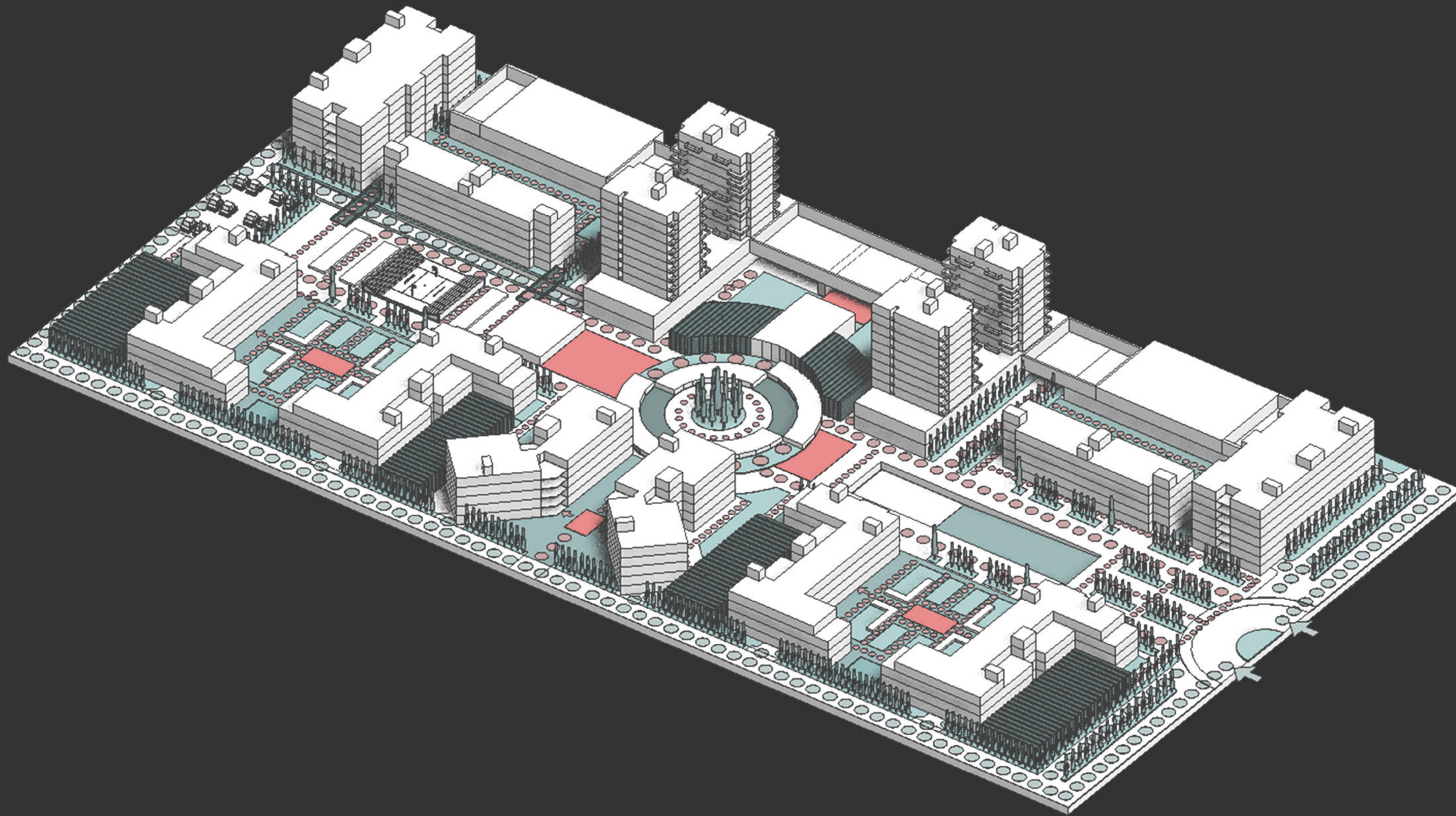


01 Youth Cultural Center



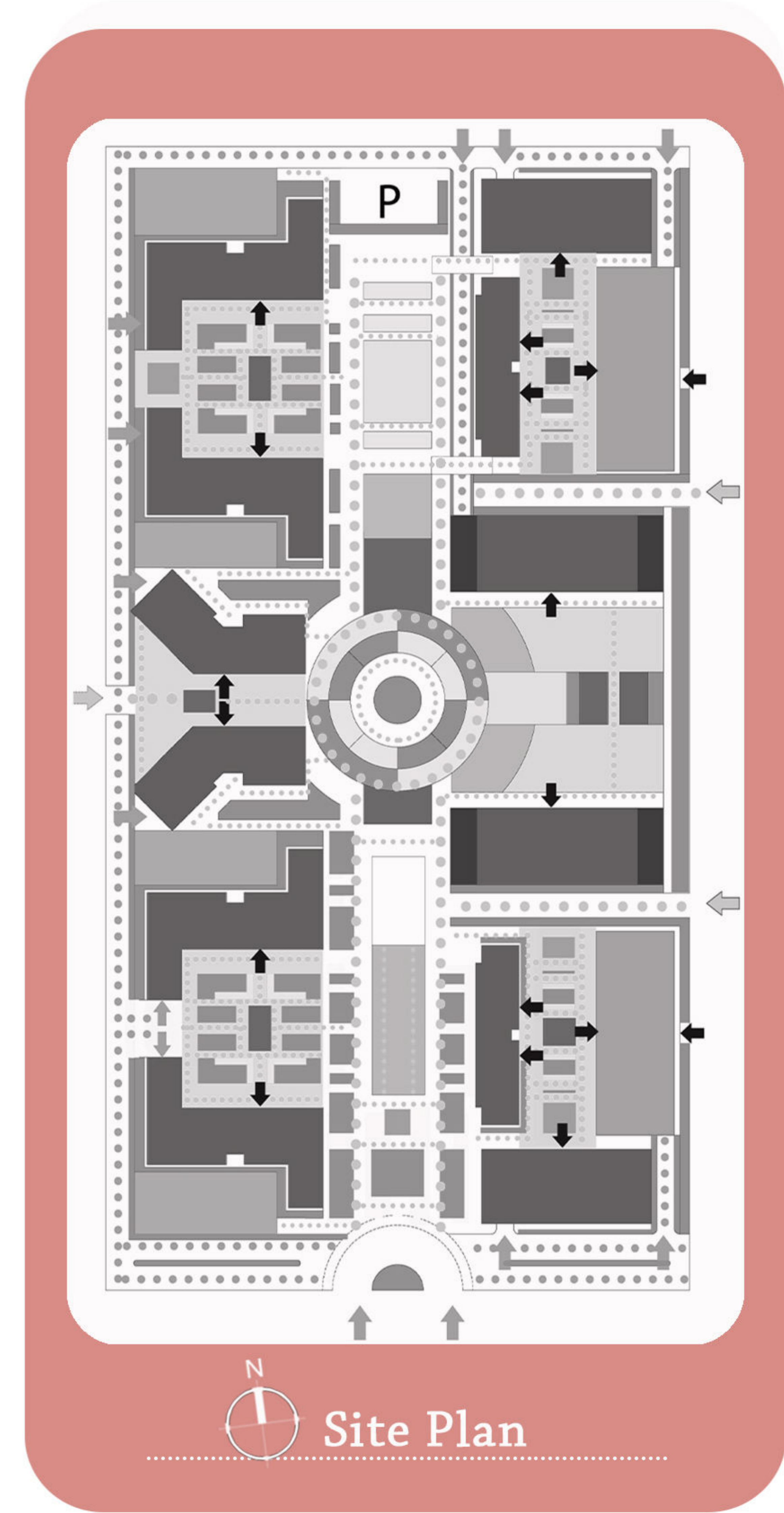
Maquette Scale: 1/200

02 Residential Complex

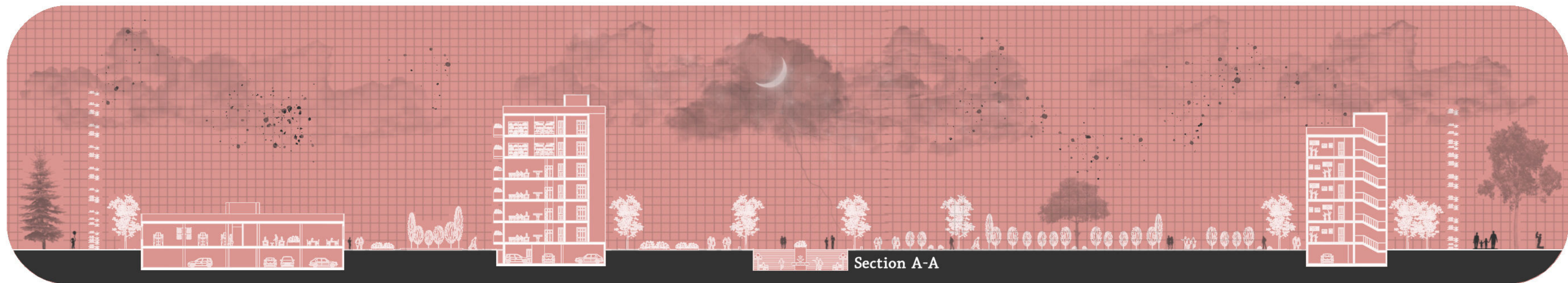
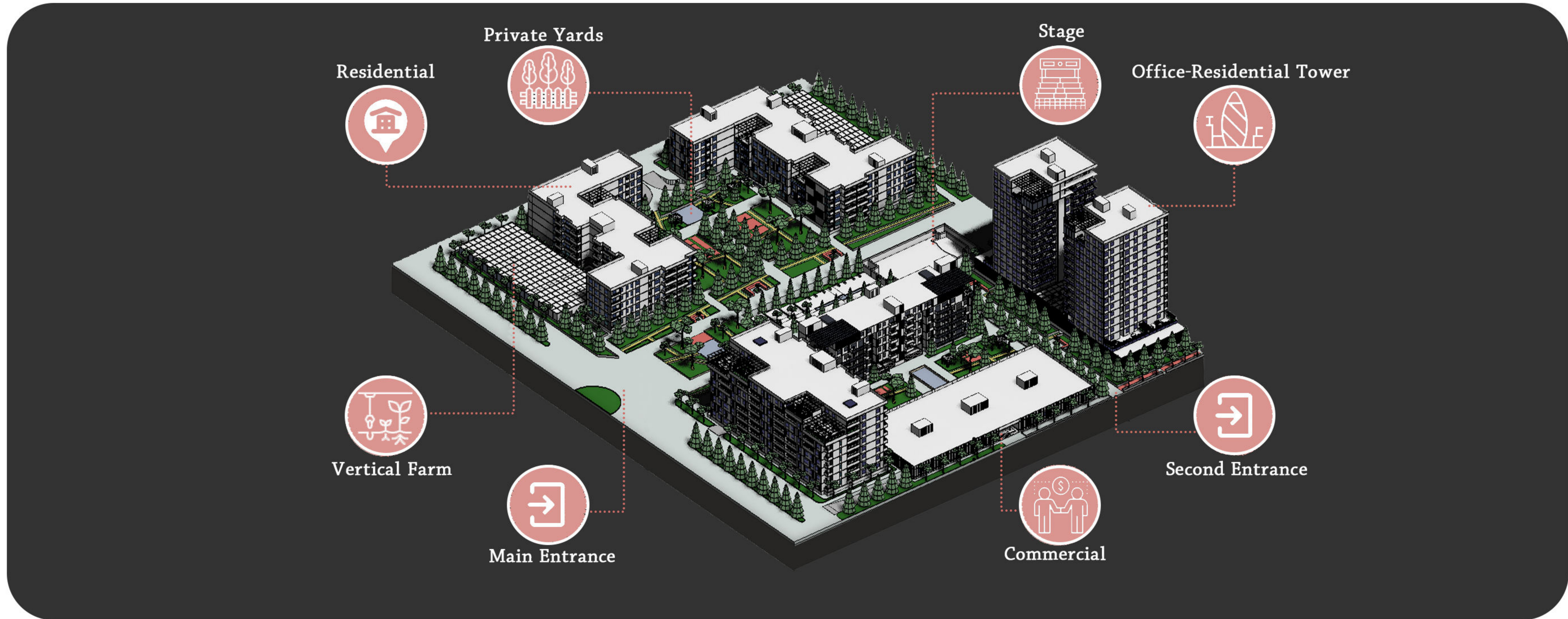


- ▶ For this course we were divided into groups of two. The goal was to create a residential complex that could meet its needs, another important factor in this design was having a safe and fun environment for children and teenagers.
- ▶ Our concept was designing vertical farms, creating a unique yard for every 2-3 units with their own separate playground for children, having a central open space for all the residents to come together and spend time in.

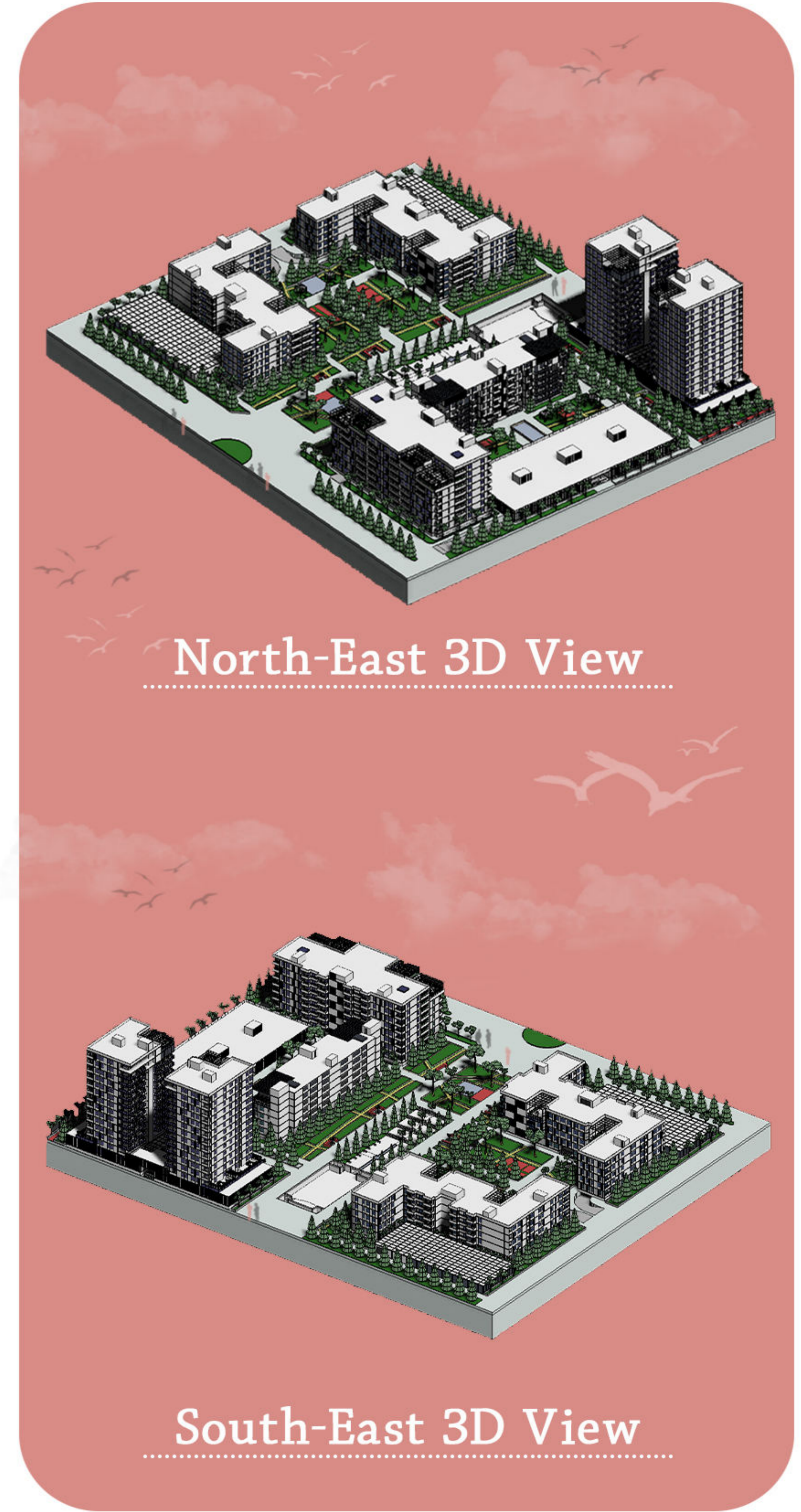
02 Residential Complex



02 Residential Complex



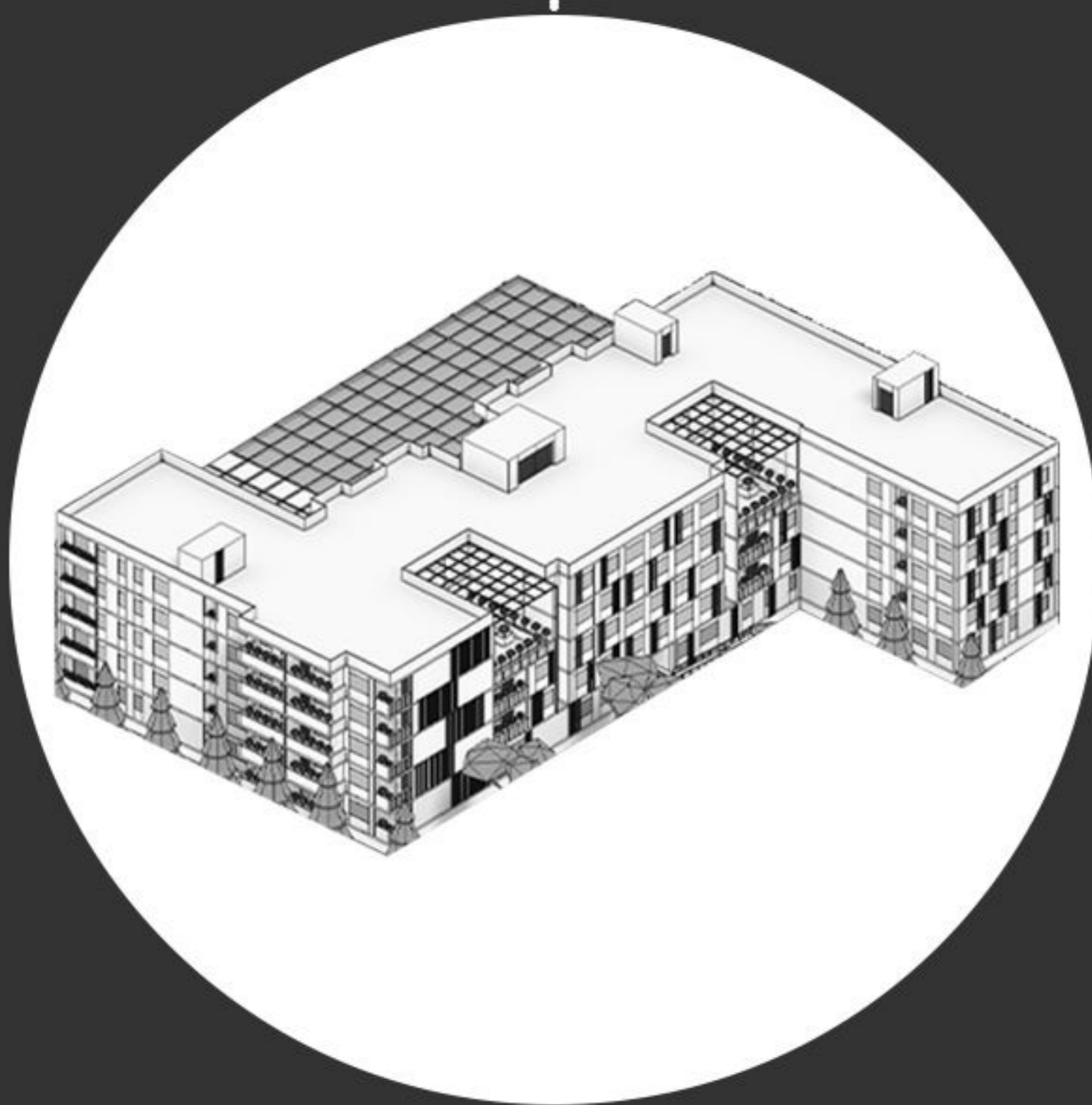
02 Residential Complex



North-East 3D View

South-East 3D View

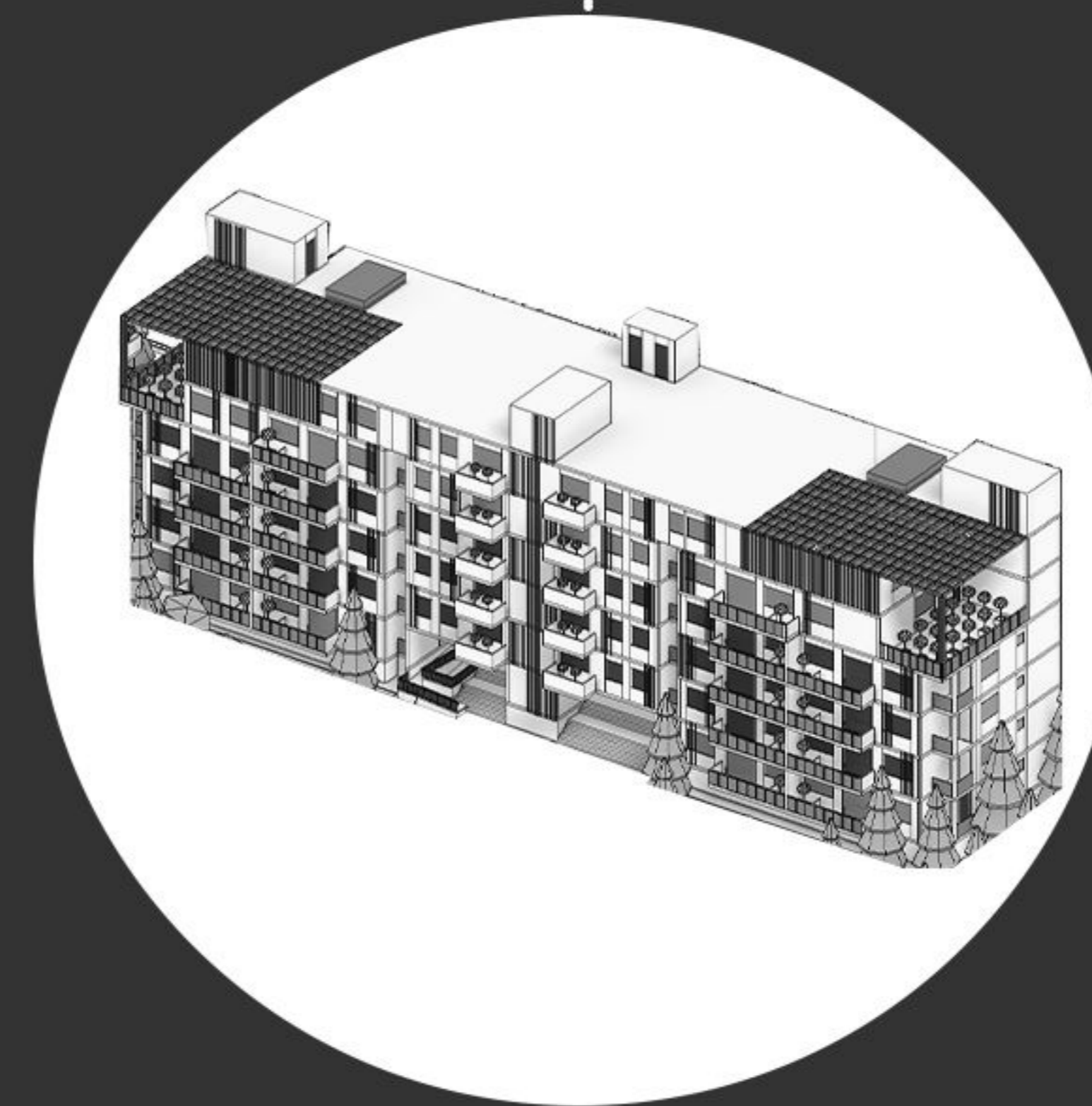
Block Types



Type One: 4 Story



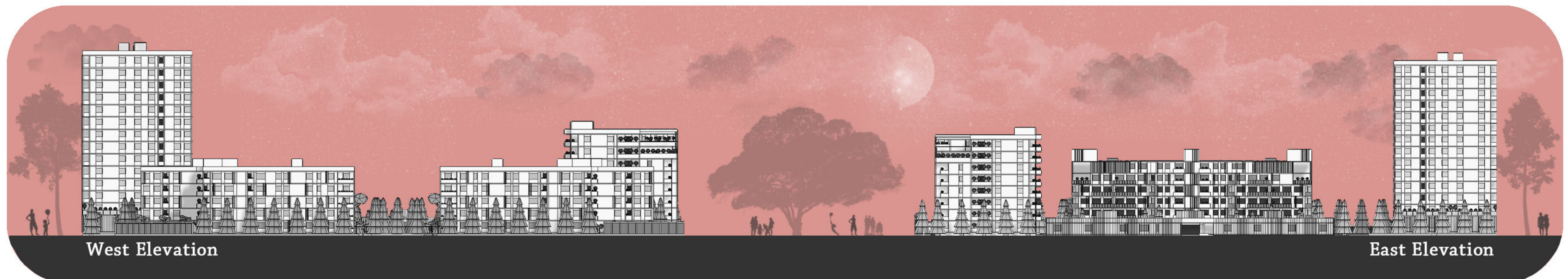
Type Two: 7 Story



Type Three: 5 Story



Type Four: 13 Story



West Elevation

East Elevation

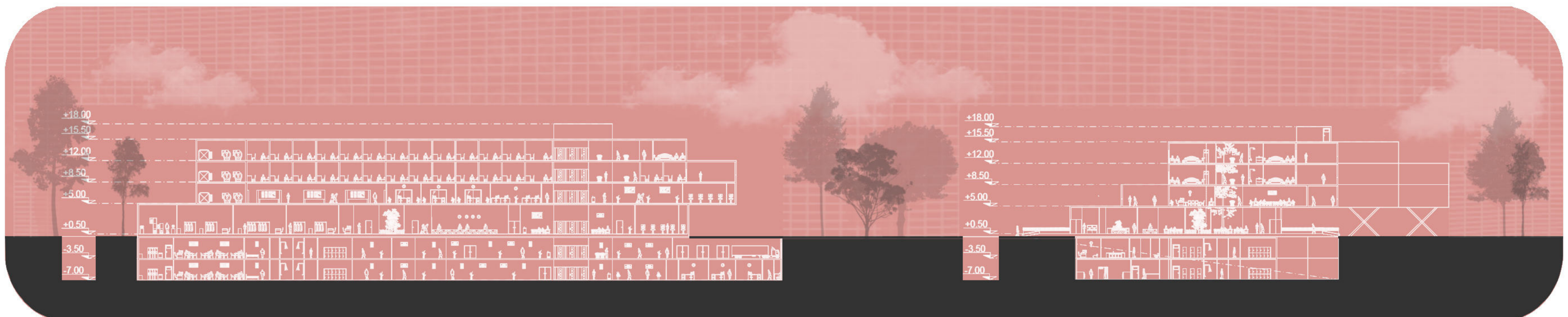
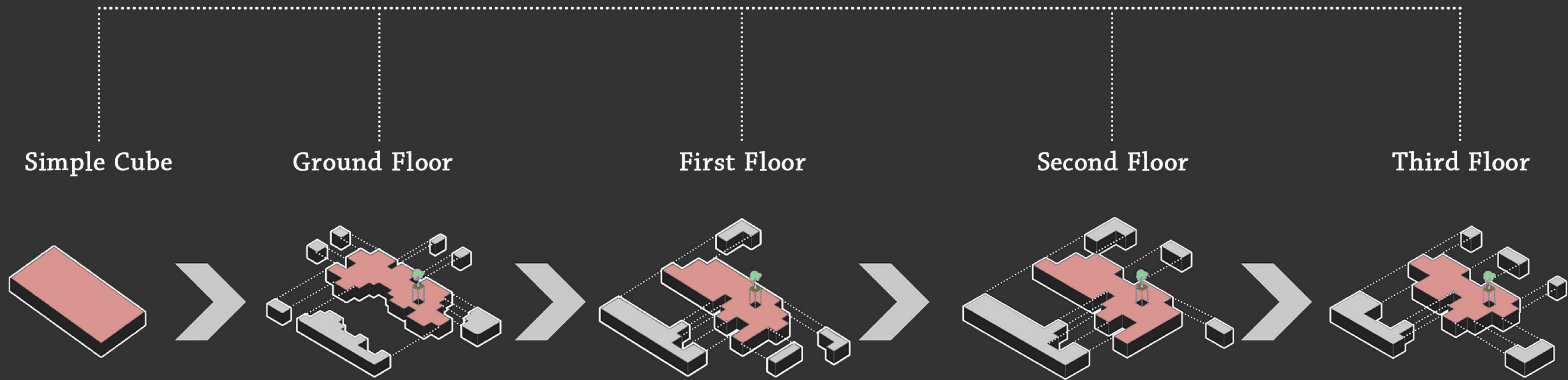
03 Four-Star Hotel Design

Given the site's rural location in Mashhad, the primary consideration for this course was to design a structure that would not detract from the surrounding scenery. Thus, to accomplish this goal, we need to consider the following:

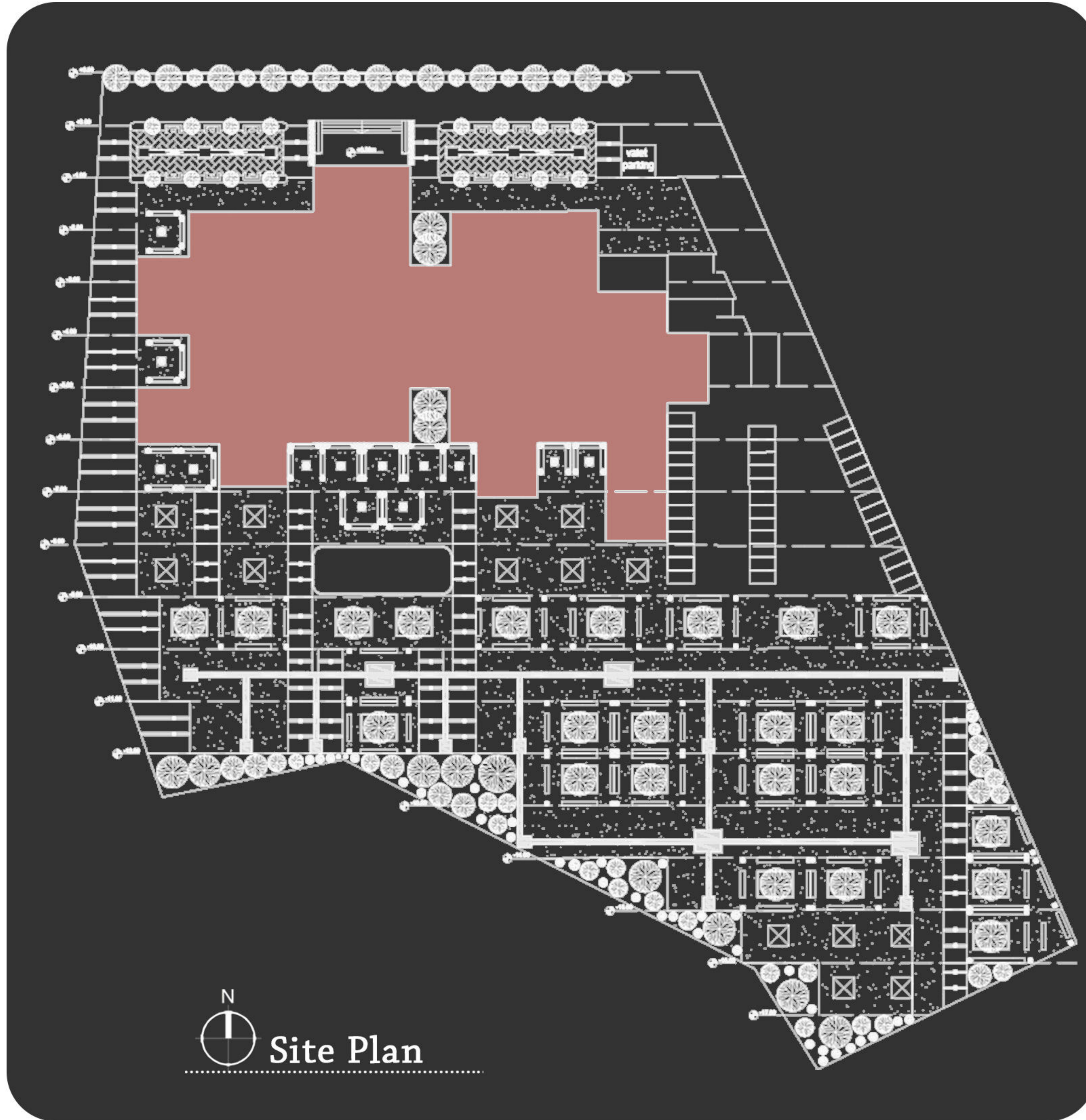
- 1** Limited the building to four floors above ground to better blend in with its surroundings
- 2** By utilizing a modular distortion that is natural to this location, we built separate balconies facing the lush, sloping, and attractive yard.
- 3** Retained the beautiful ancient tree in the centre of our building and converted it into a single-piece museum, utilizing the gap to bring natural light into the structure.



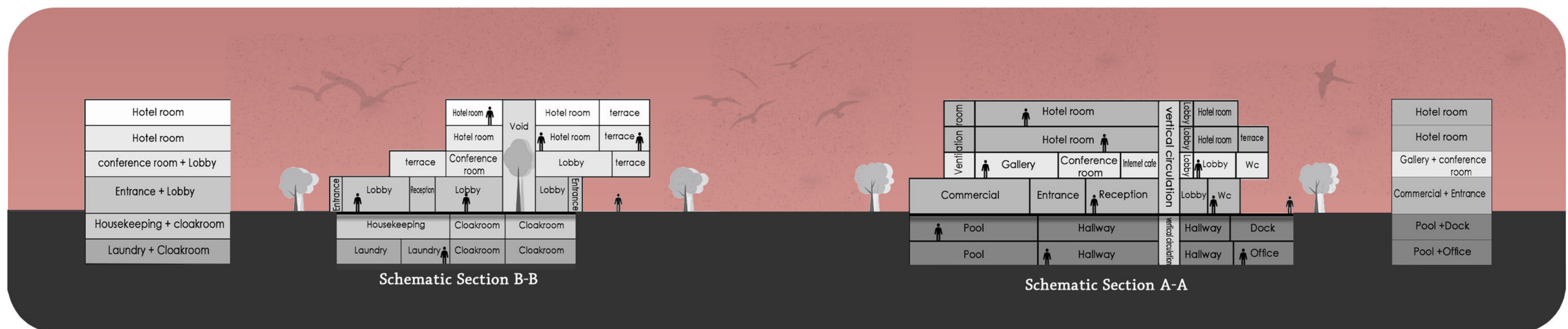
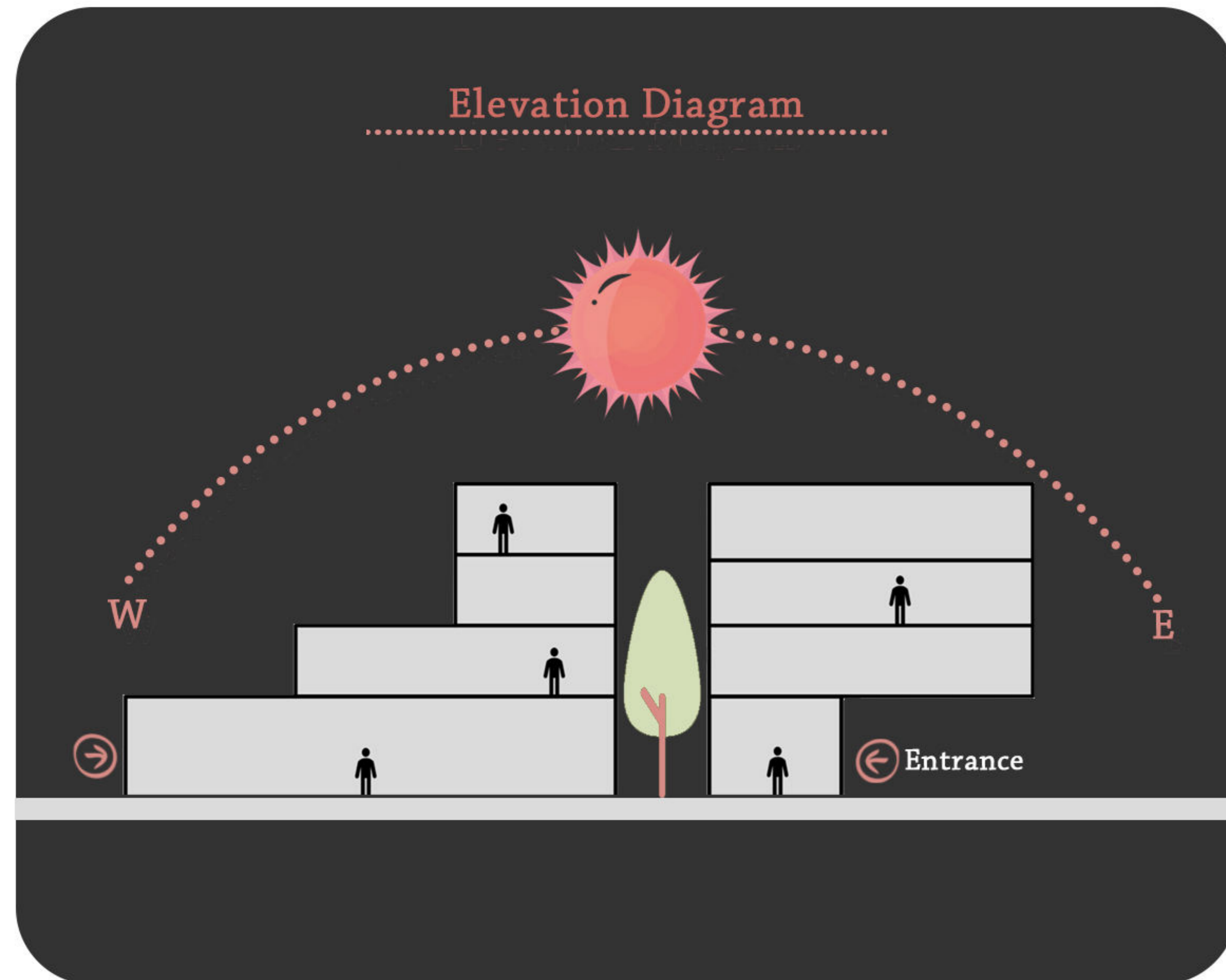
Design Process



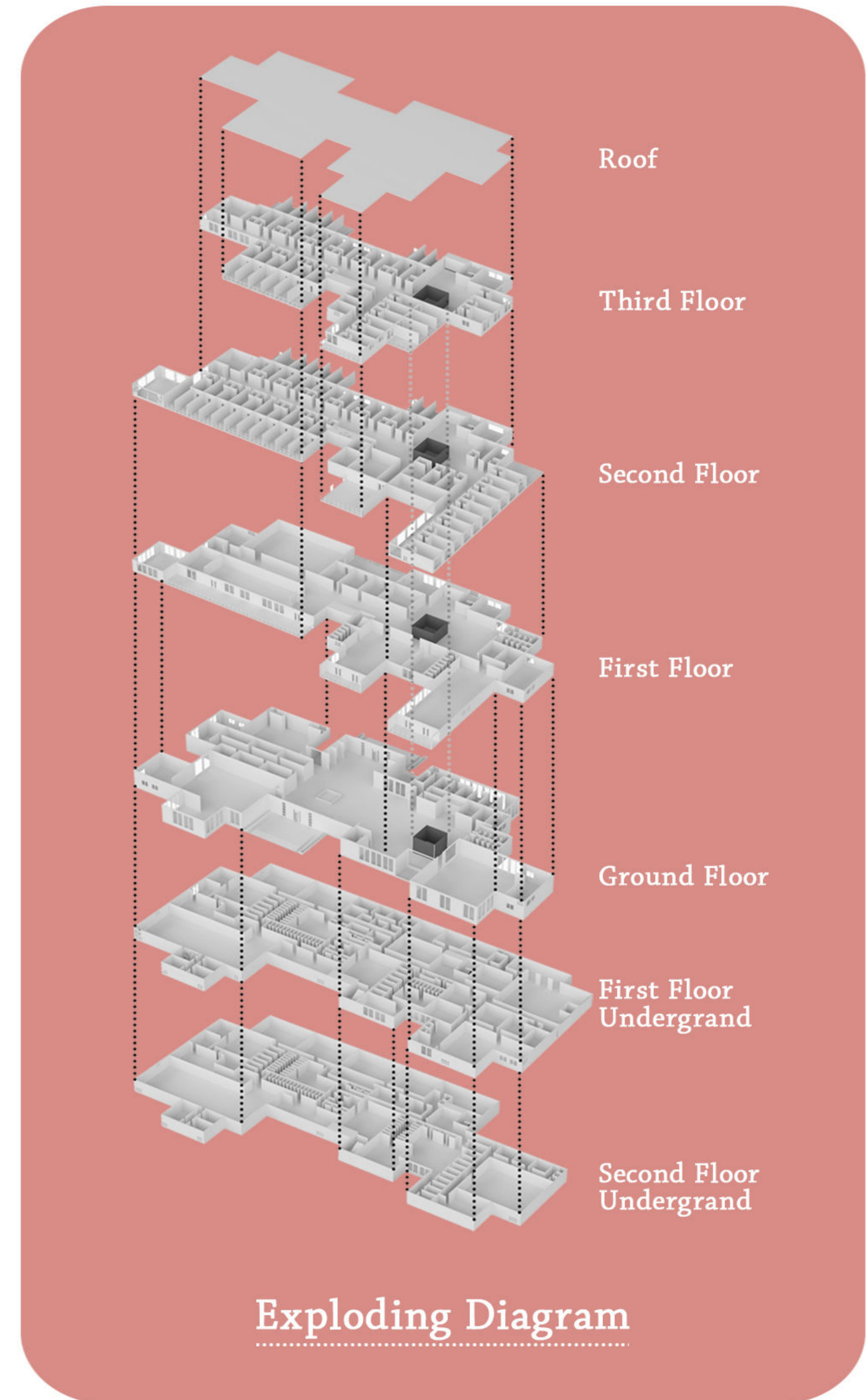
03 Four-Star Hotel Design



03 Four-Star Hotel Design



03 Four-Star Hotel Design

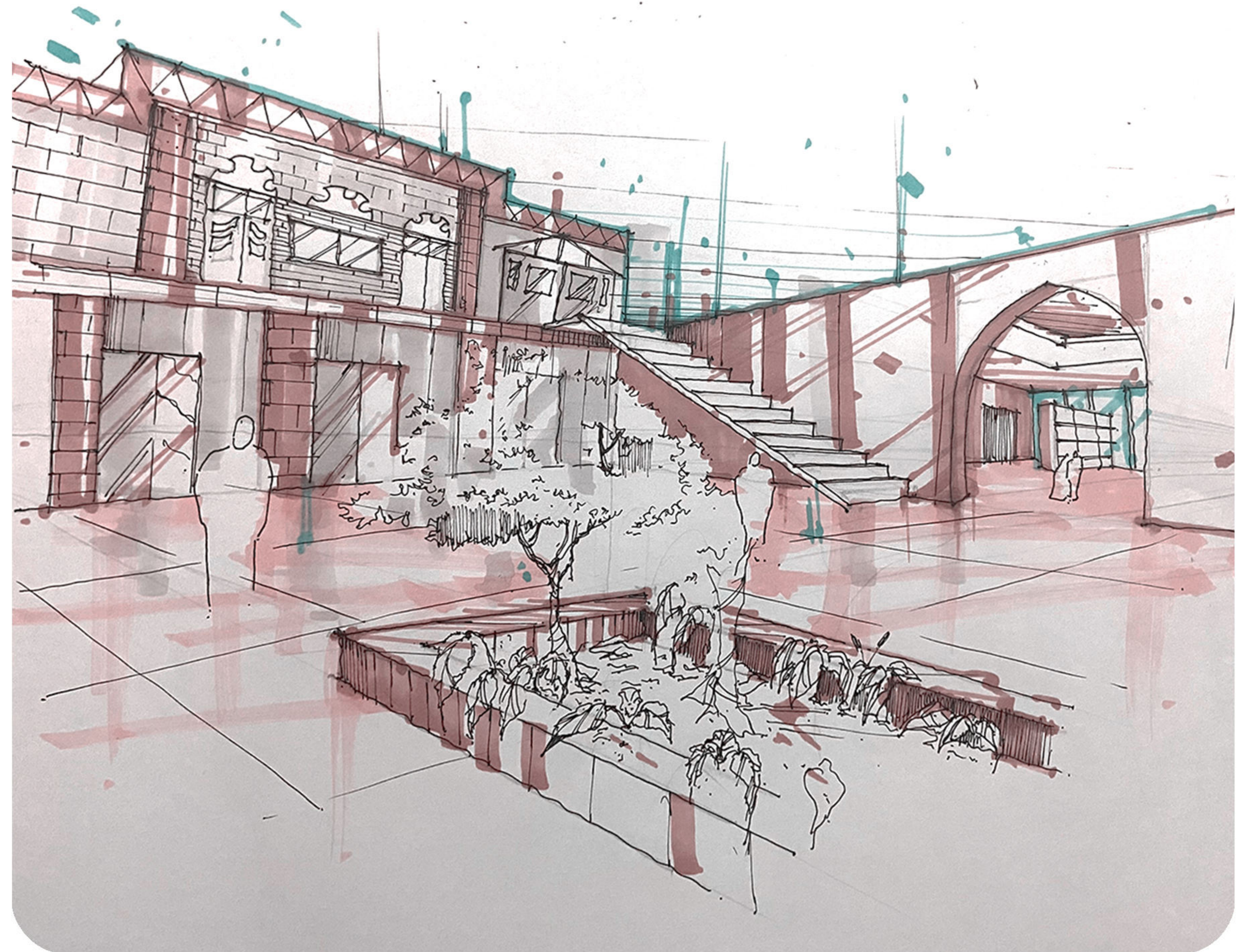


Exploding Diagram

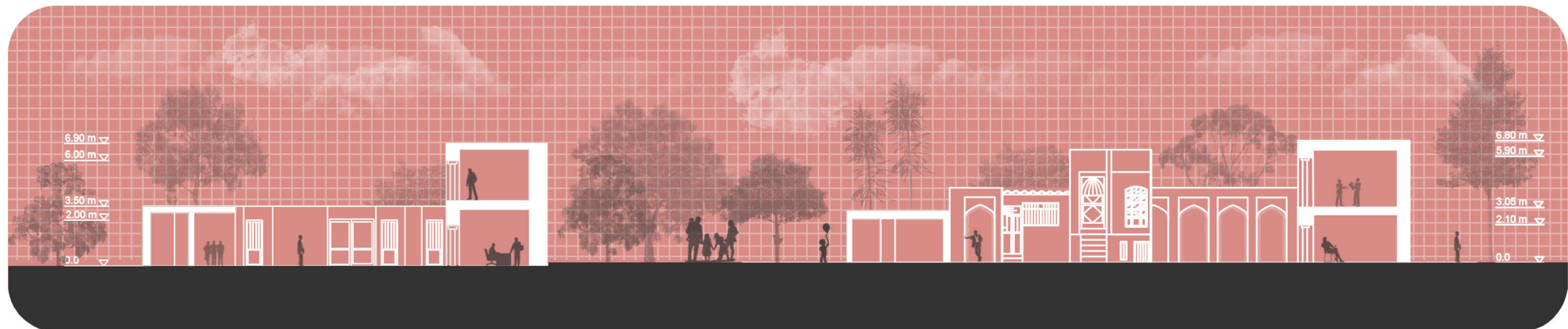
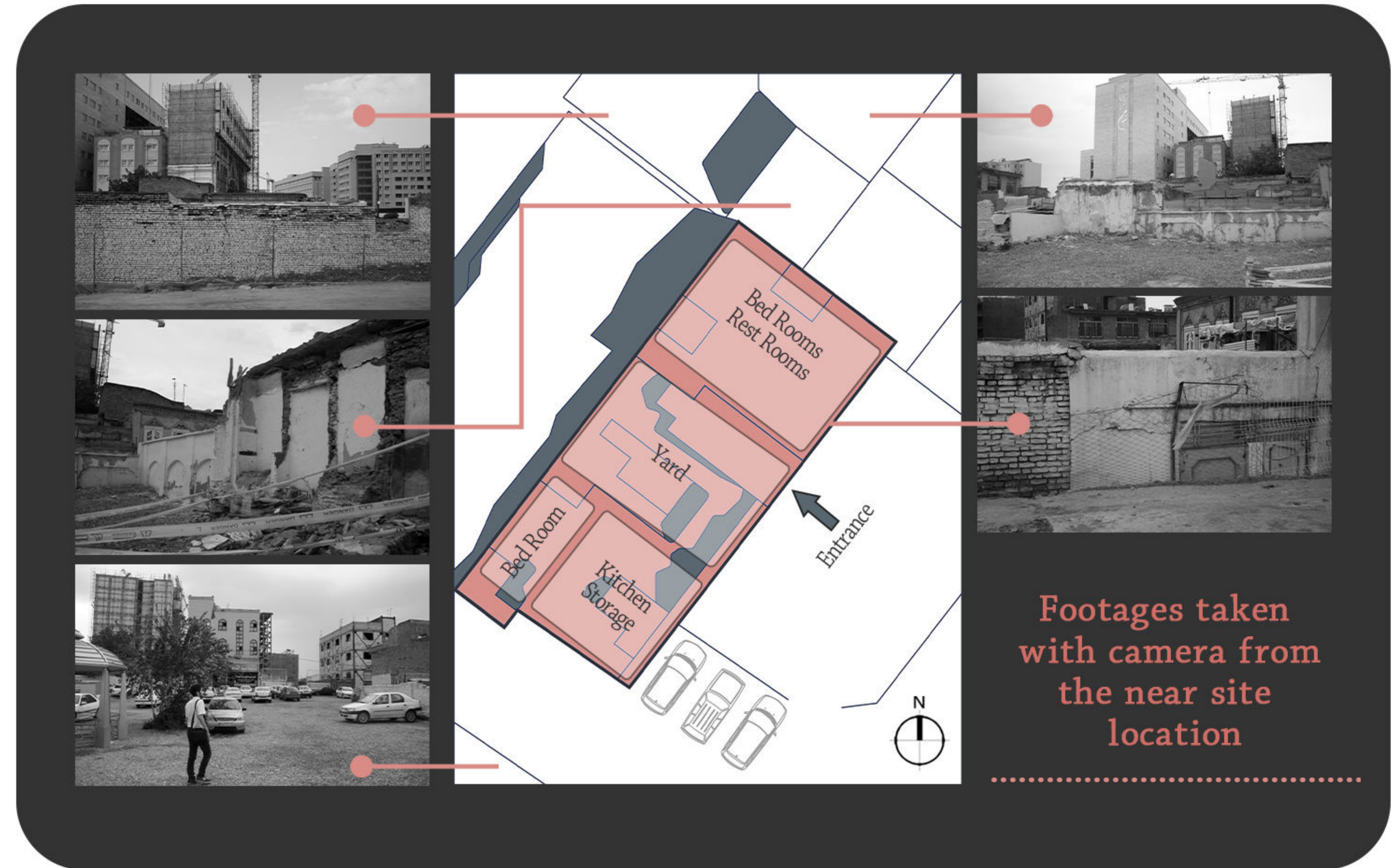
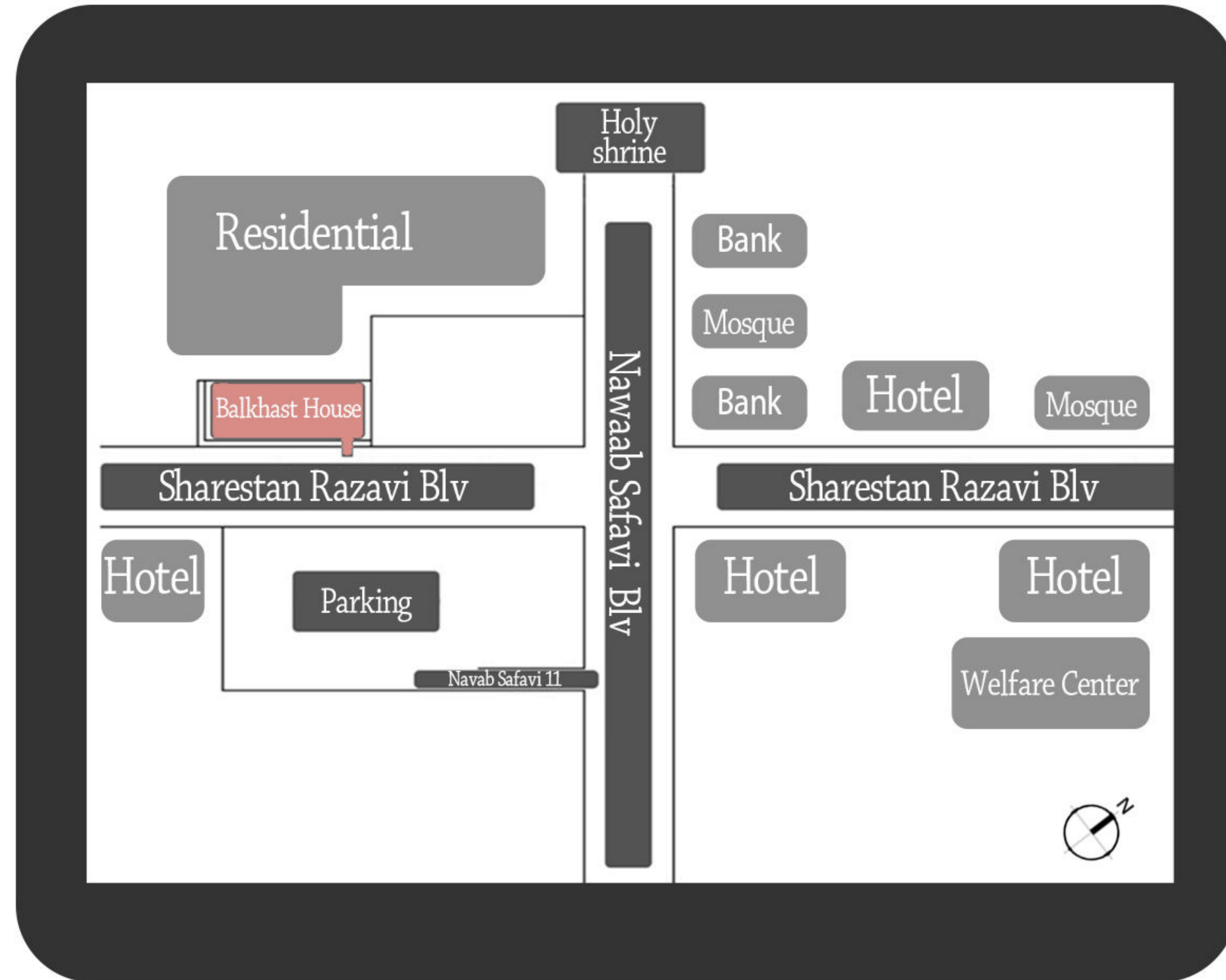
04 Building Renovation

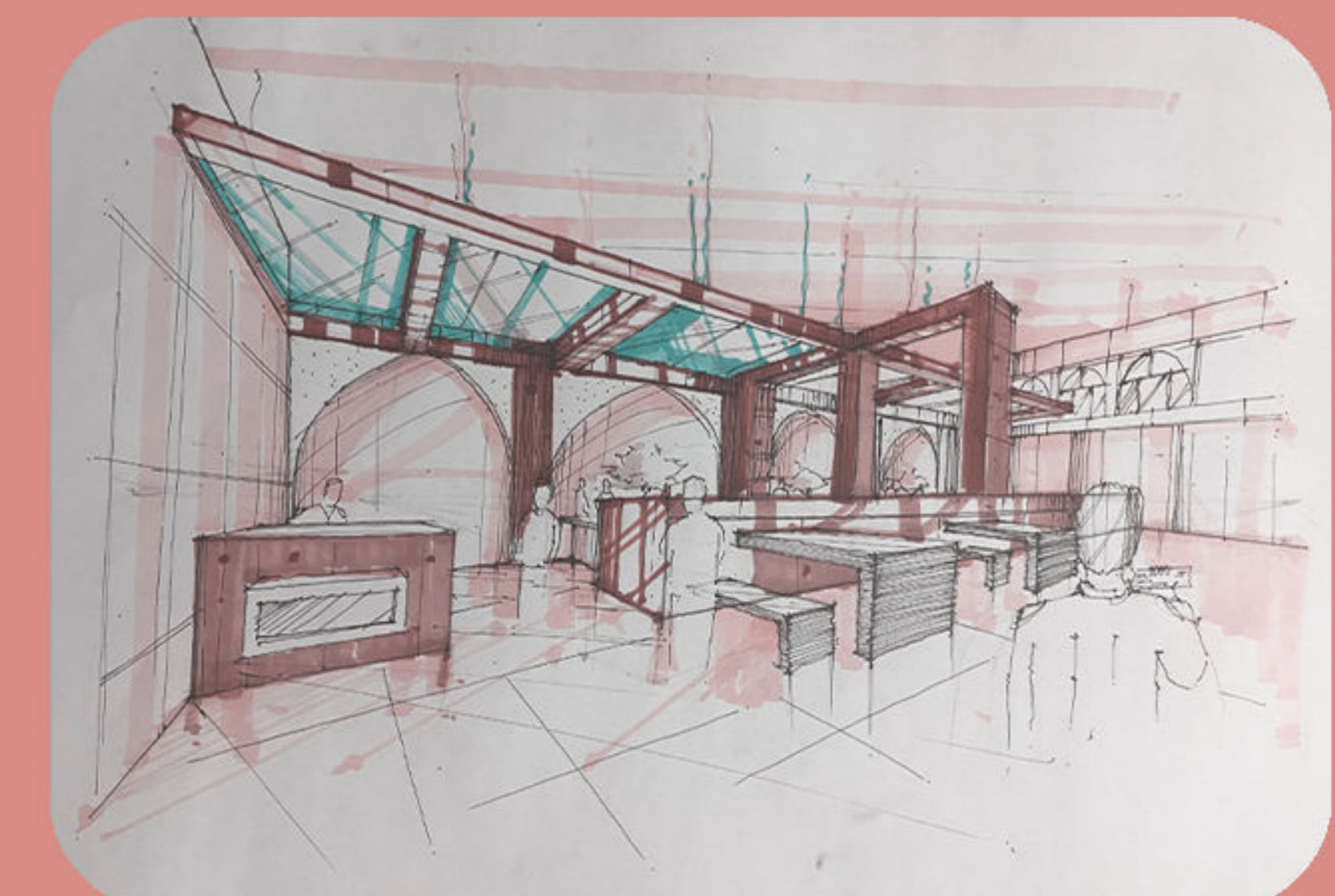
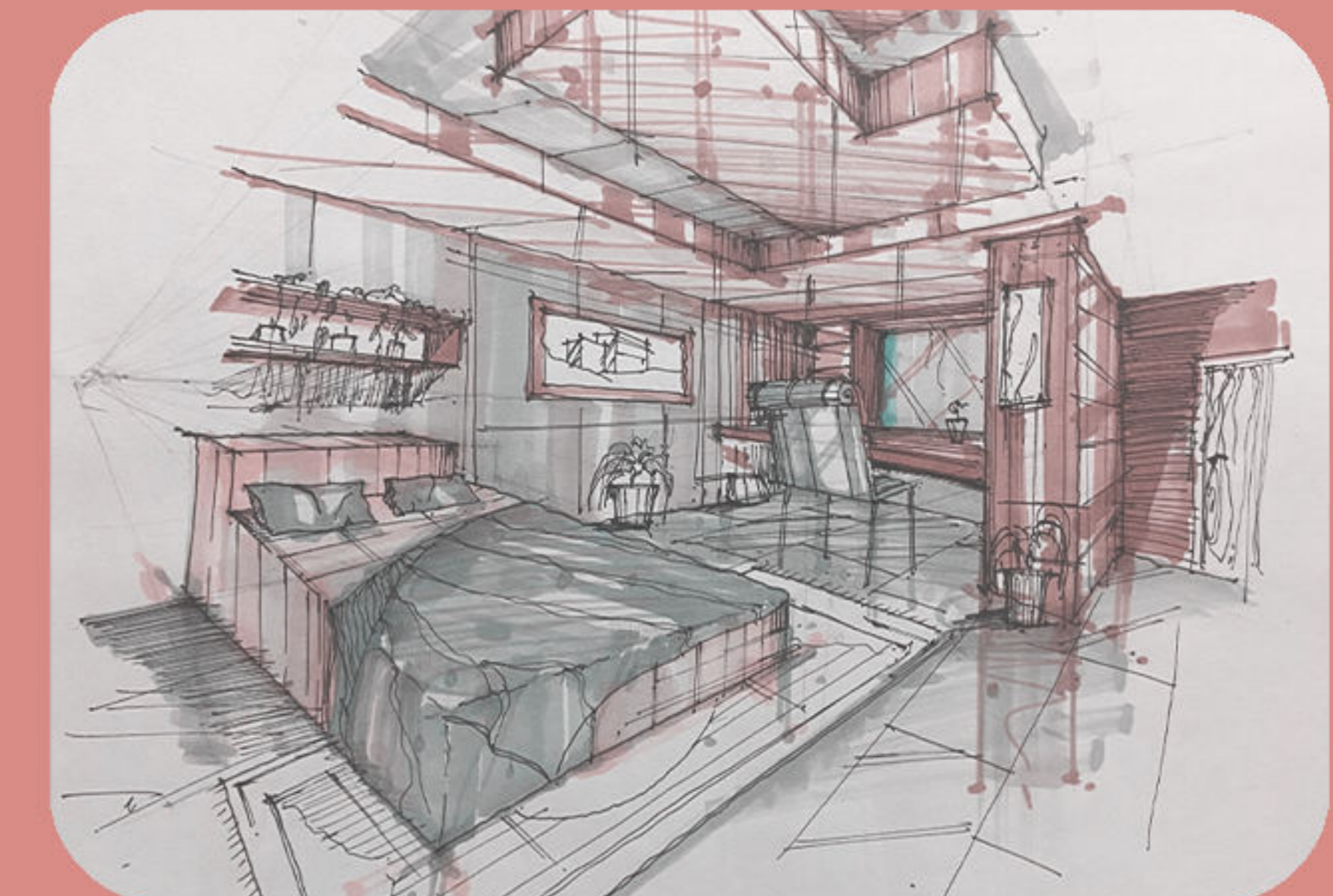
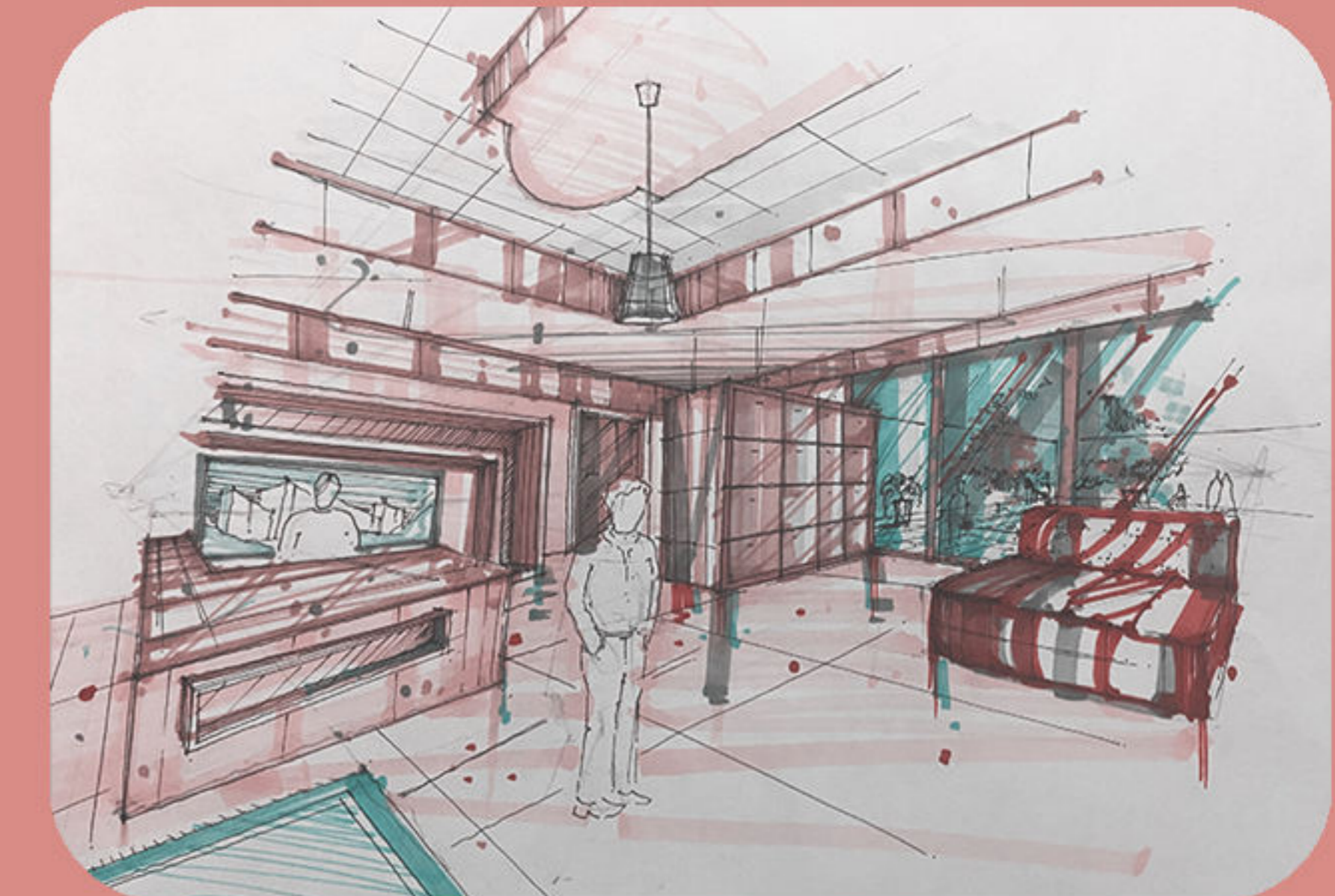
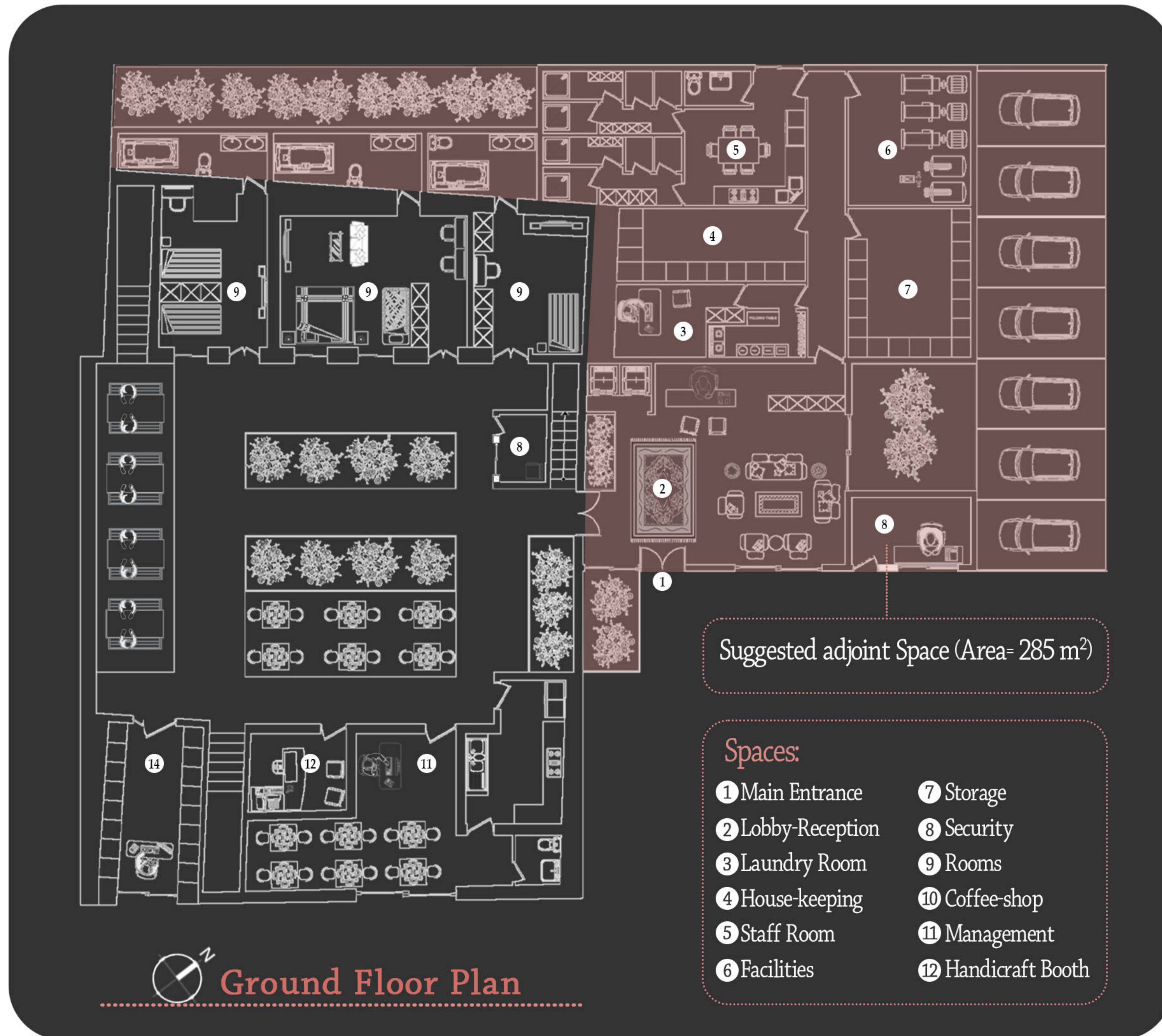
For this group project we had to choose an old, non resorted house, the next step was analysing parts that needed restoration, adding a part to the building and to give it a new function.

- 1 We chose Balkhast house, a two story building that was built in 1730 and is inscribed on the national heritage list.
- 2 Parts that needed restoration were listed carefully with their specific solution to keep the house safe from any harm.
- 3 As for the new functionality we turned the house into a boutique hotel, containing six rooms. The lobby, parking and other servicing areas were all designed in the new added space from the east and northern side of the building.

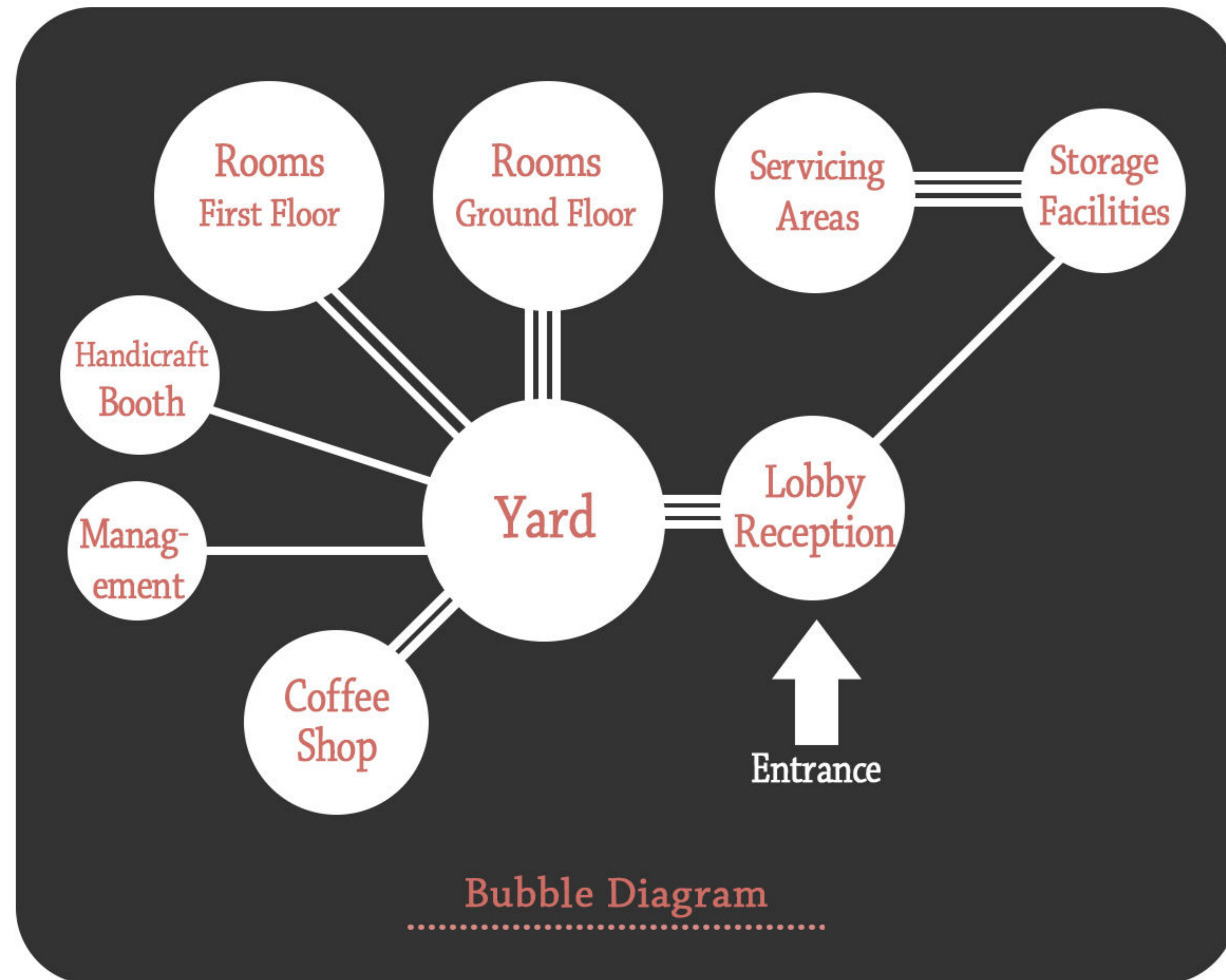


04 Building Renovation





04 Building Renovation



Name	Area
Rooms	256 m ²
Laundry Room	16 m ²
House-Keeping	15 m ²
Staff Room	37 m ²
Facilities	19 m ²
Storage	20 m ²
New Area	915 m²

Name	Area
Lobby-Reception	51 m ²
Yard	160 m ²
Security	5 m ²
Coffee-Shop	52 m ²
Management	12 m ²
Handicraft Booth	23 m ²
Previous Area	630 m²

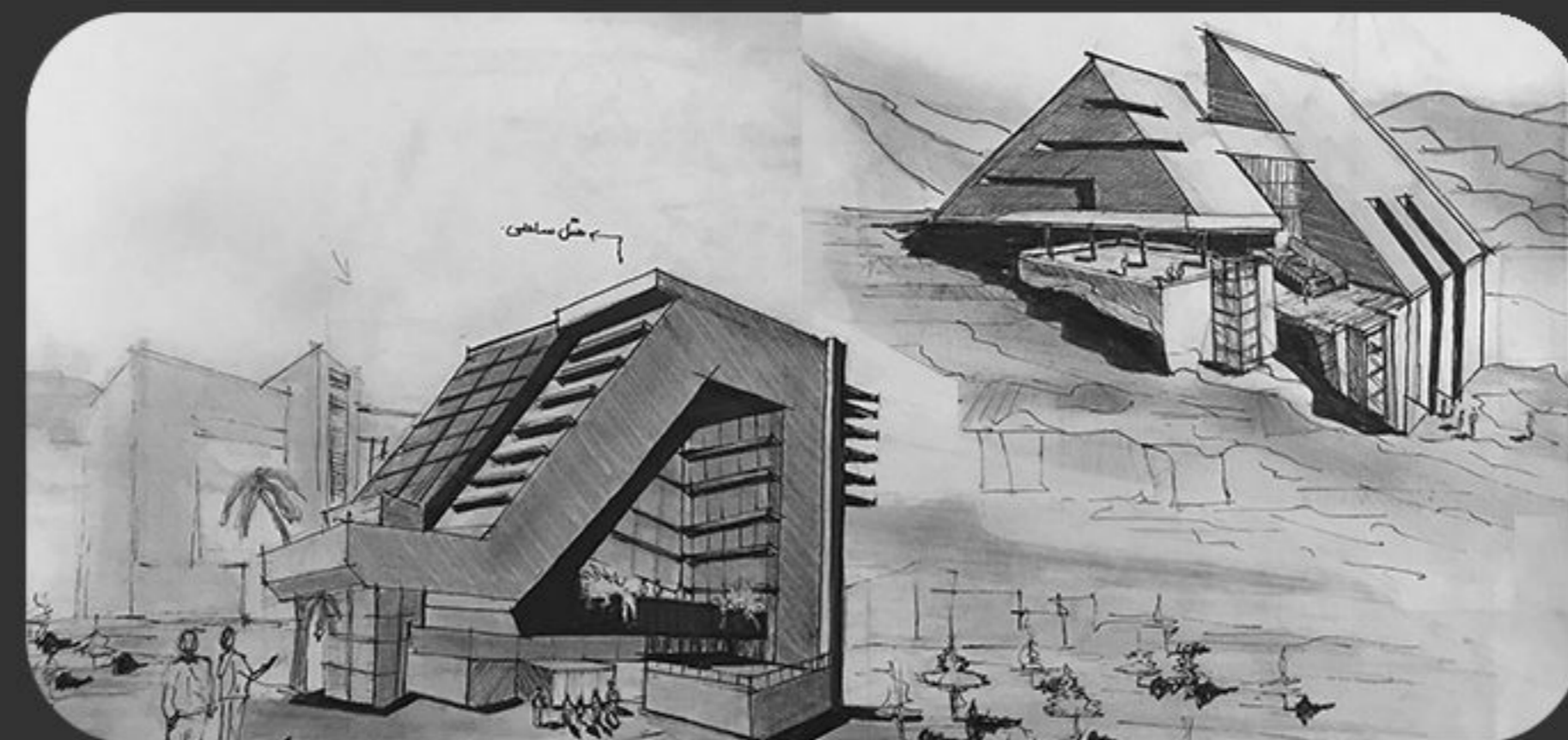
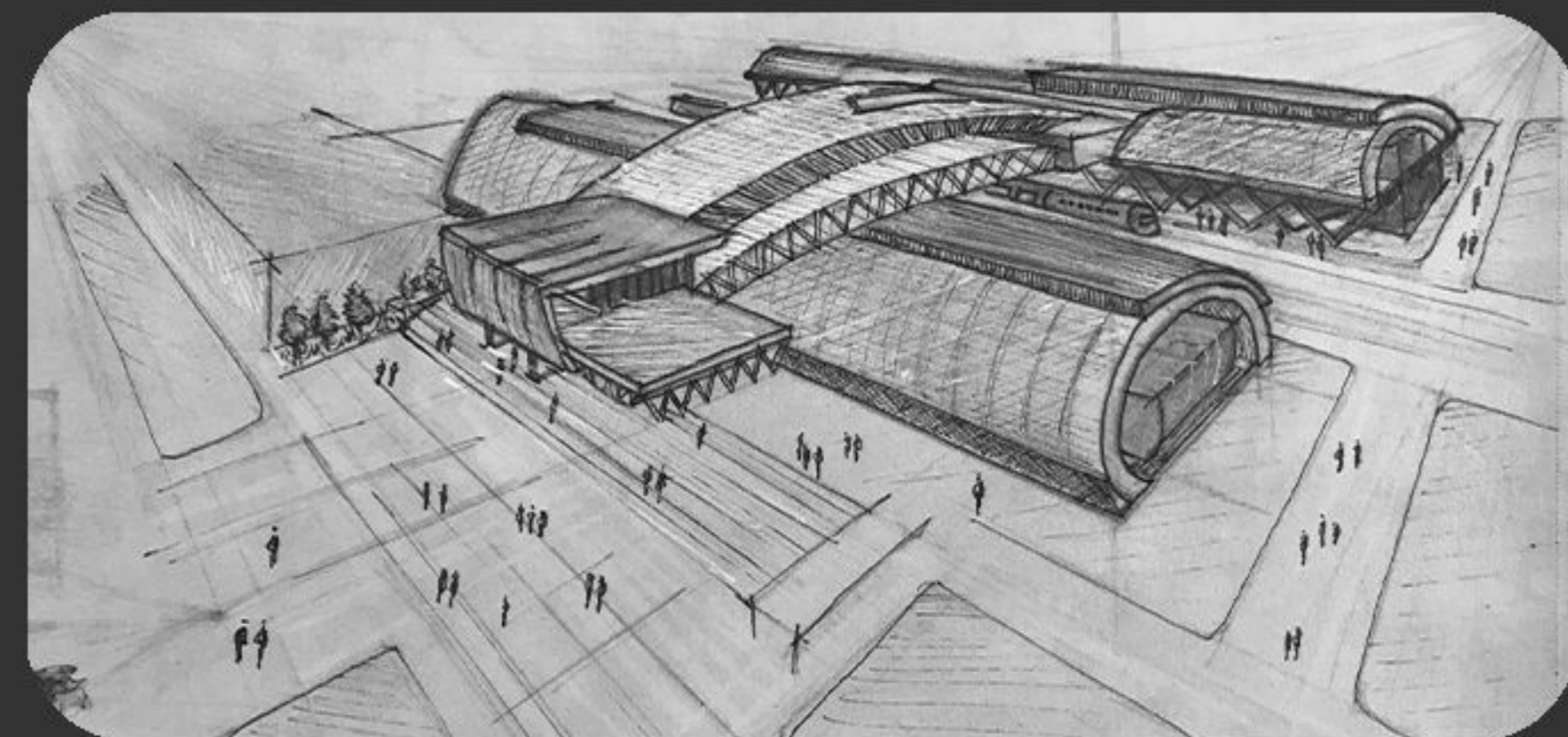
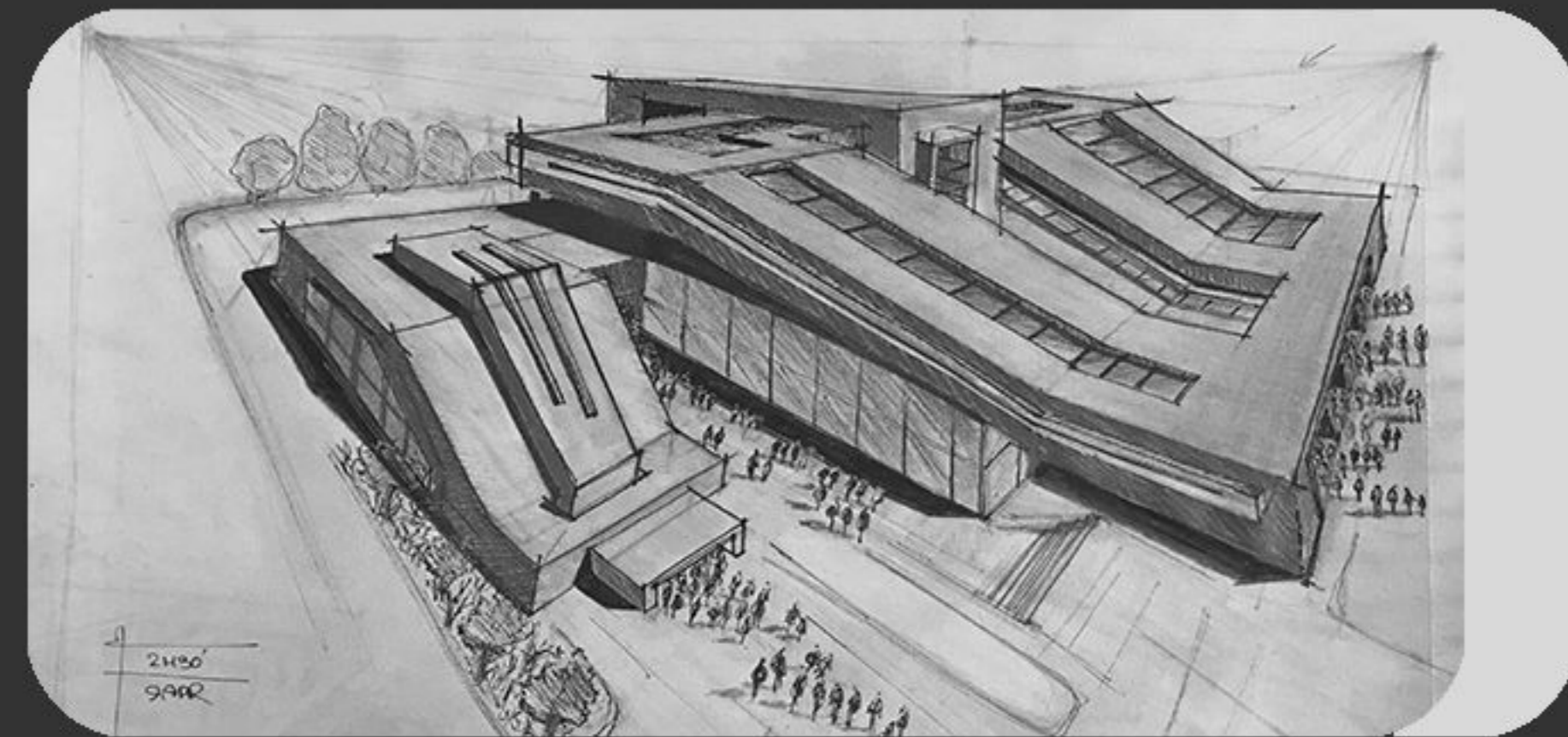
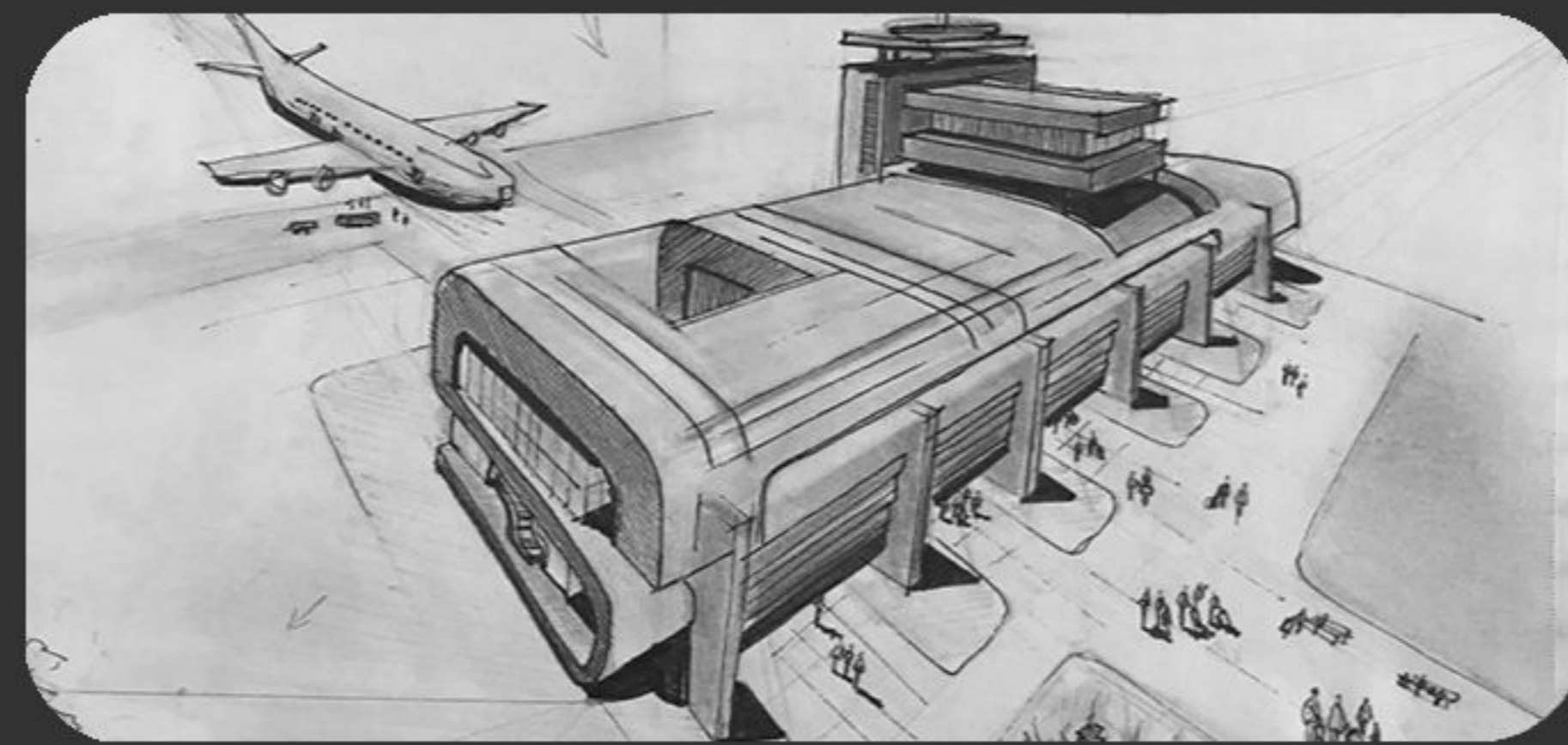
Spaces-Area Table



05 Additional Works

One definition for architecture is "Knowledge of art, science, technology, and humanity", sadly I can not show humanity through canvas but for showing the rest, I created this section containing three parts: Sketches and drawings, Auto-cad detailed drawings and Maquettes.

Each part contains different projects, some are university projects and some were made during my free time and as a hobby.

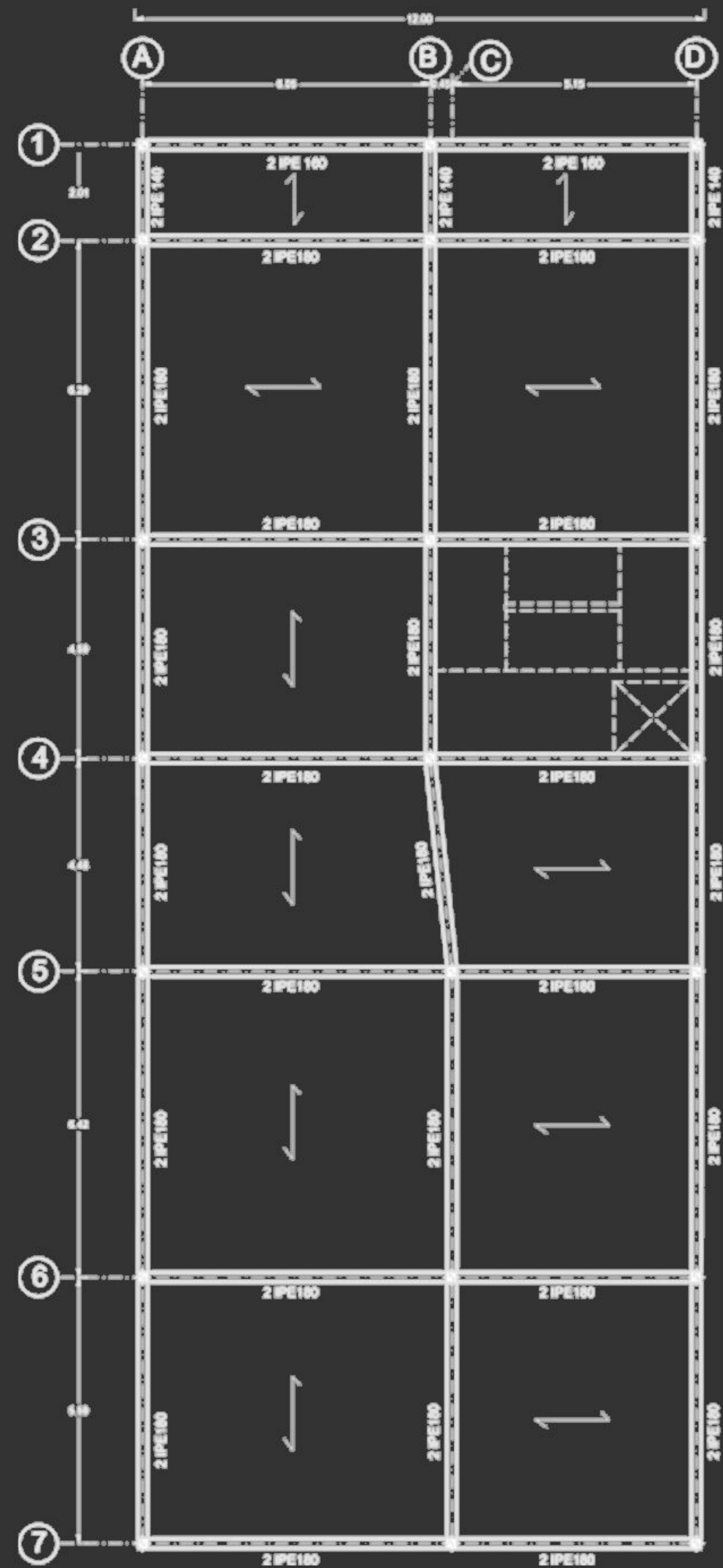


Sketches

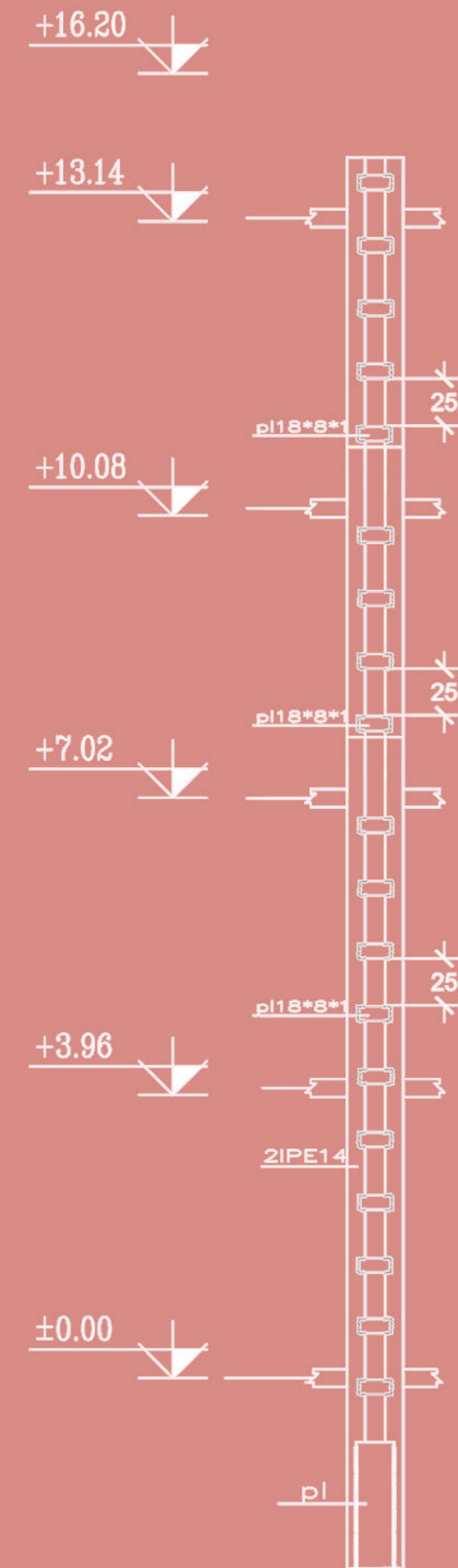
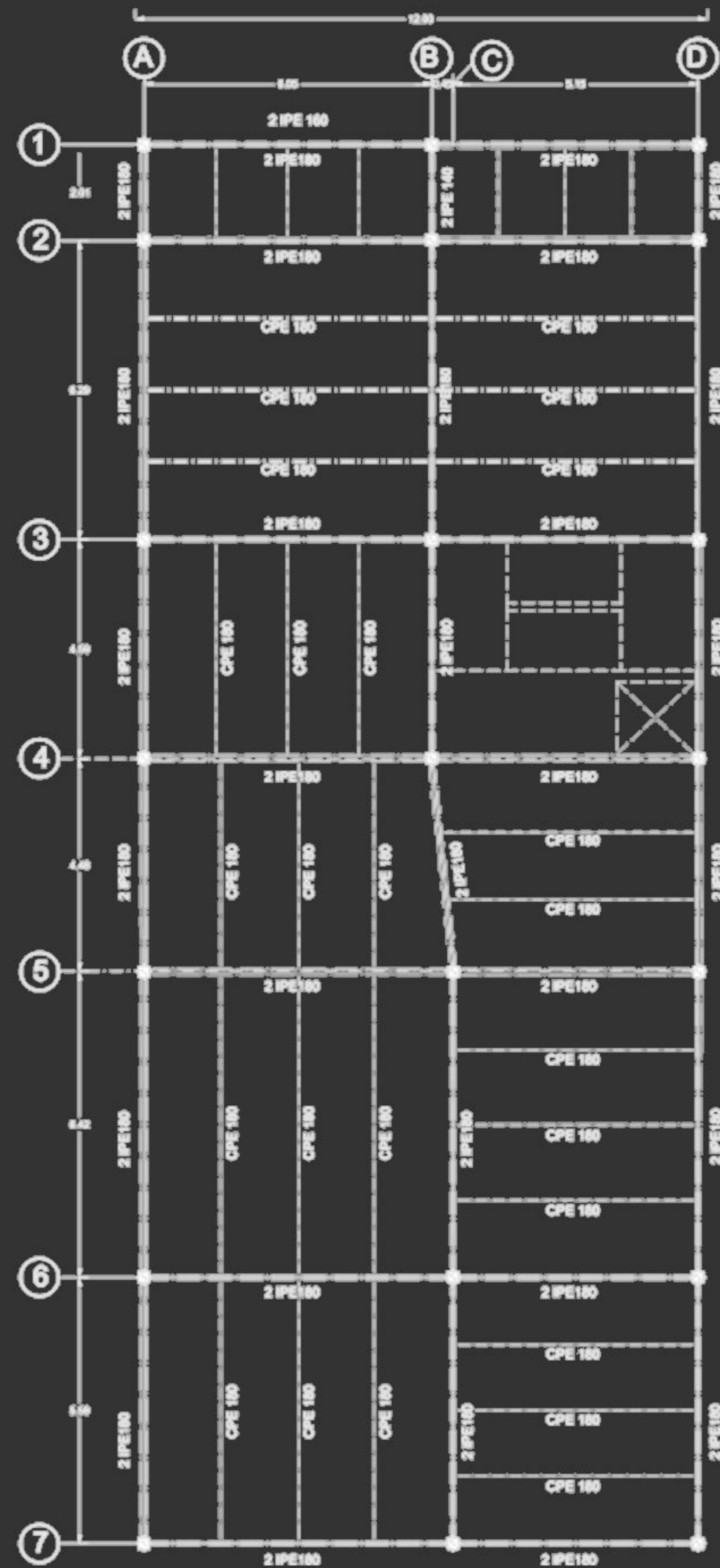


Drawings

05 Additional Works

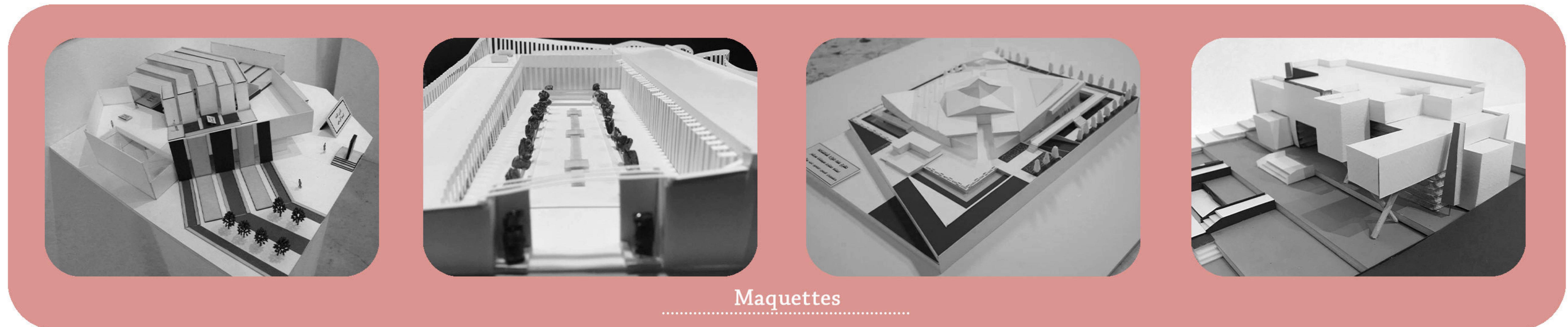
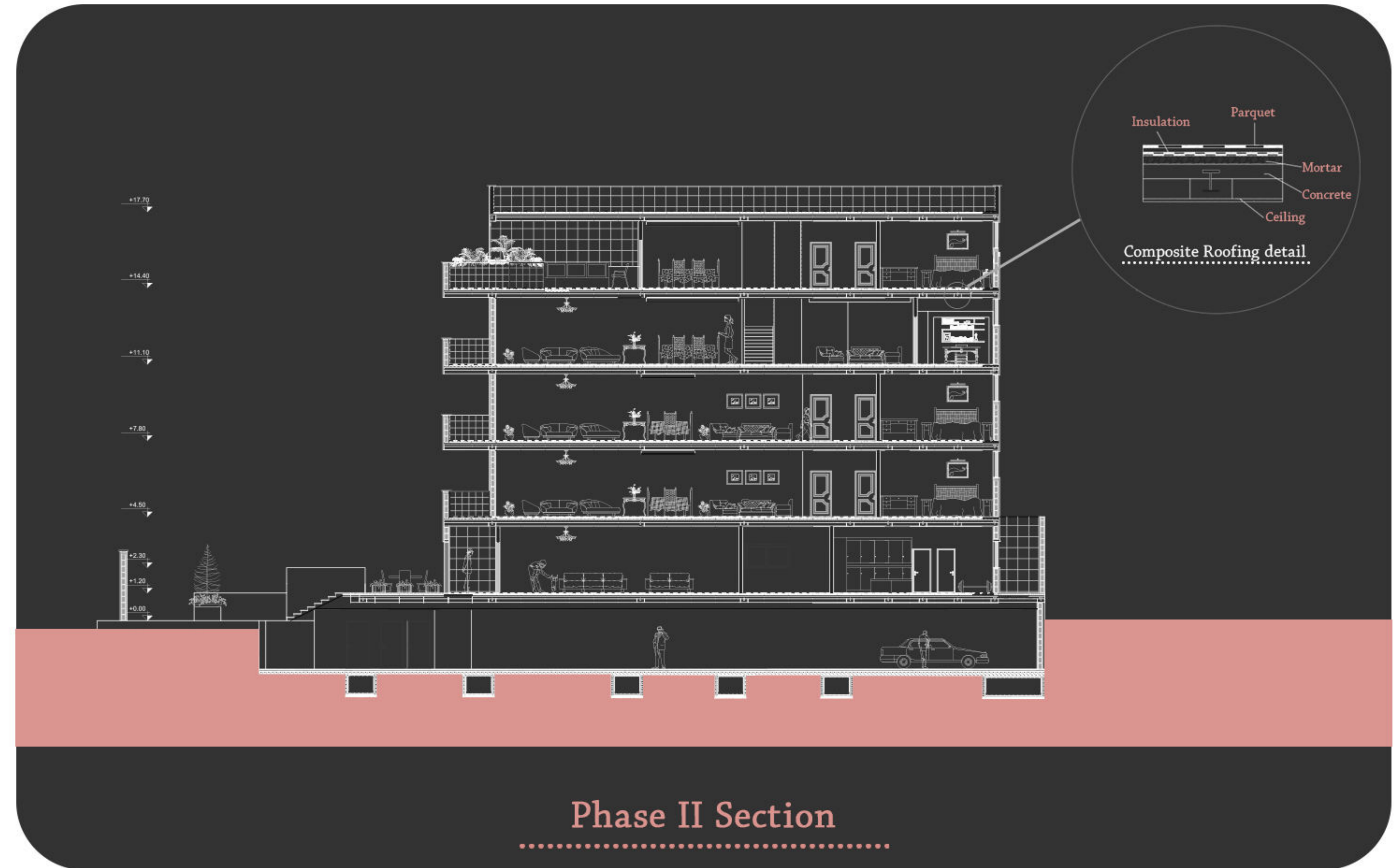
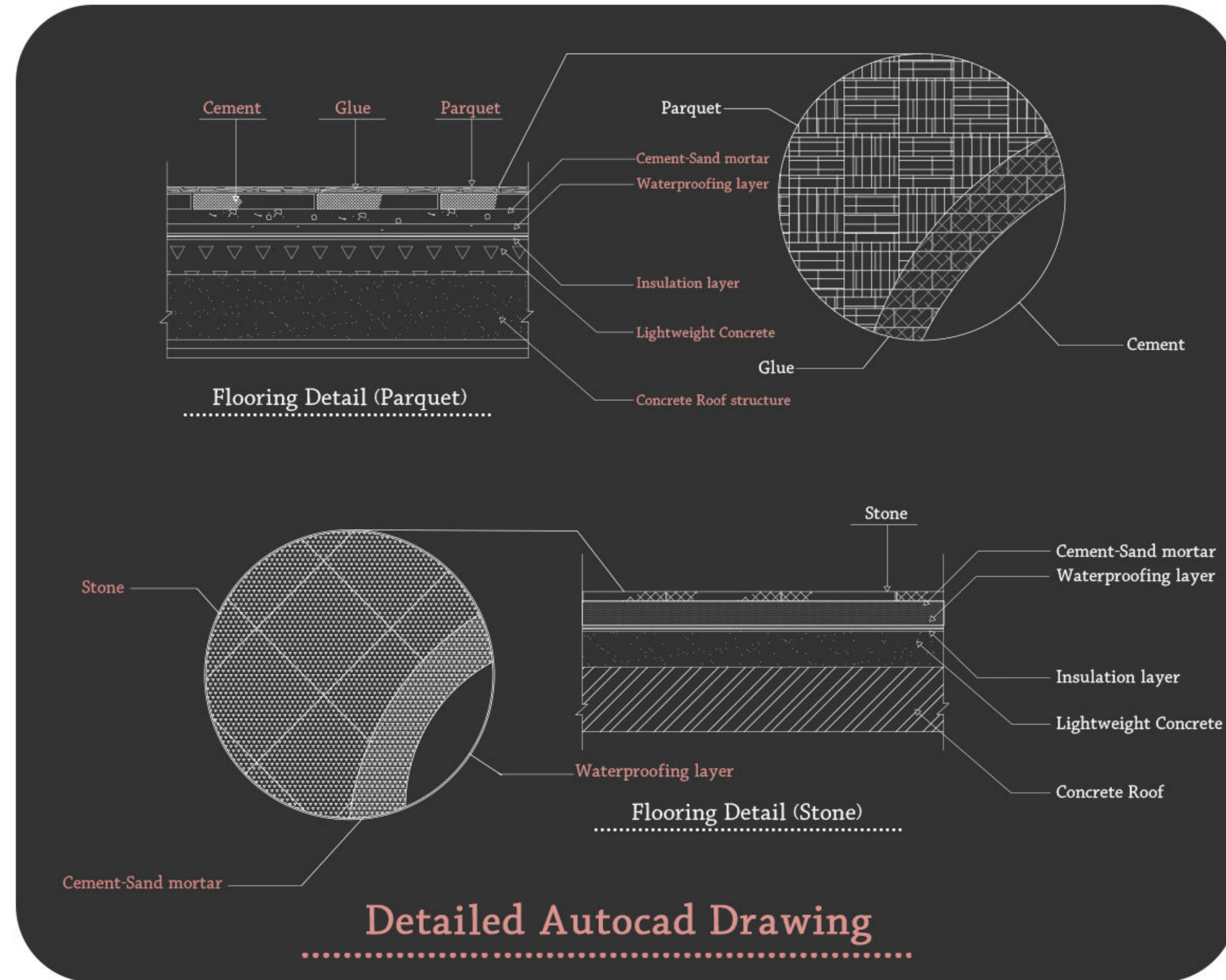


Framing Plan



Column Elevation

05 Additional Works





Thank you for your time



You can also visit my website: www.kimiakarimi.com