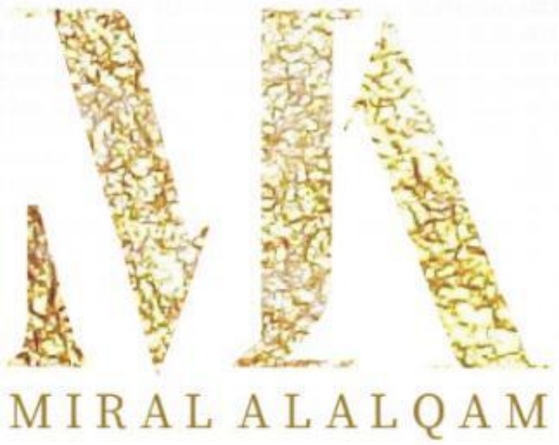


MIRAL ALALQAM

MIRAL ALALQAM RESUME

University of Colorado Denver
College of Architecture and Planning
Undergraduate Portfolio
2018-2022

Miral.alalqam@ucdenver.edu

@Archagone

LANGUAGES

- English
- Arabic

EDUCATION

2022 University of Colorado Denver.
Bachelor of science in Architecture.
Denver, Colorado.

2018 University of Kansas.
Lawrence, Kansas.

2017 Saad National School.
High school diploma.
Khobar, Saudi Arabia.

2016 Lila Language School.
Intensive English language.
Liverpool, England.

VOLUNTEERING HISTORY

2019 **Ethar Al-Qatif** - Ash-Shati, Saudi Arabia.
Voluntereed in spreading awareness for stem cells donation.

2015 **Lamsat Khair** - Al-Bahar, Saudi Arabia.
Coordinated efforts of 30 team members engaged in charity projects finding development solutions to overcome hurdles and deliver goods.

2013 **Al-Dokhala** - Sanabis, Saudi Arabia.
Recieved training and certification from Al-Dokhala for project organization and representing the history of Islam.

ACCOMPLISHMENTS

2017 Member of Saad National School Model United Nations.
Khobar, Saudi Arabia.

2016 Collaborated with a group of 10 Saad National School students in the development of Robotics competition.
Khobar, Saudi Arabia.

2016 A delegate in Ibn Khuldoon National School Model United Nations.
Isa Town, Bahrain.

2015 Participated in The Hague International Model United Nations.
Ar-Rayyan, Qatar.

Ps Ai Id

Rhinoceros

FALLACY LIBRARY 4-9

COLFAX VOCATIONAL SCHOOL 10-13

RUBEN OCHOA ART GALLERY 14-19

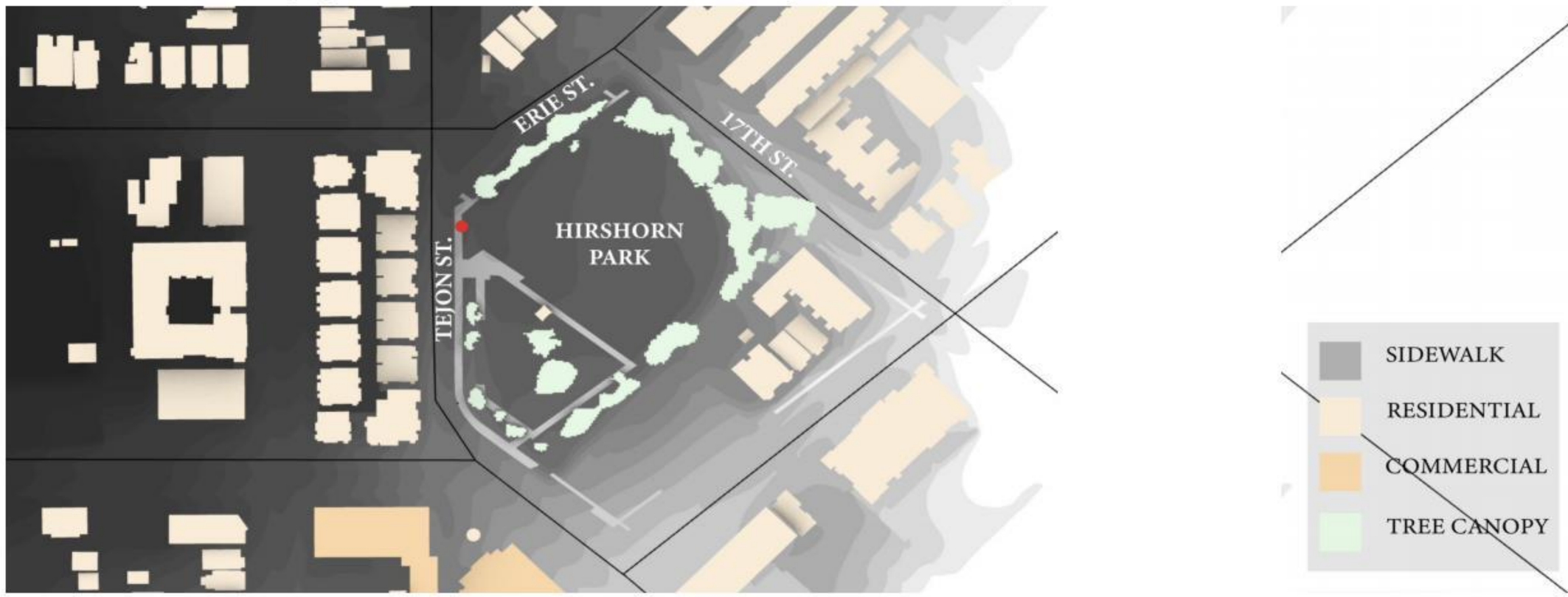
BIRD WATCHING TOWER 20-21

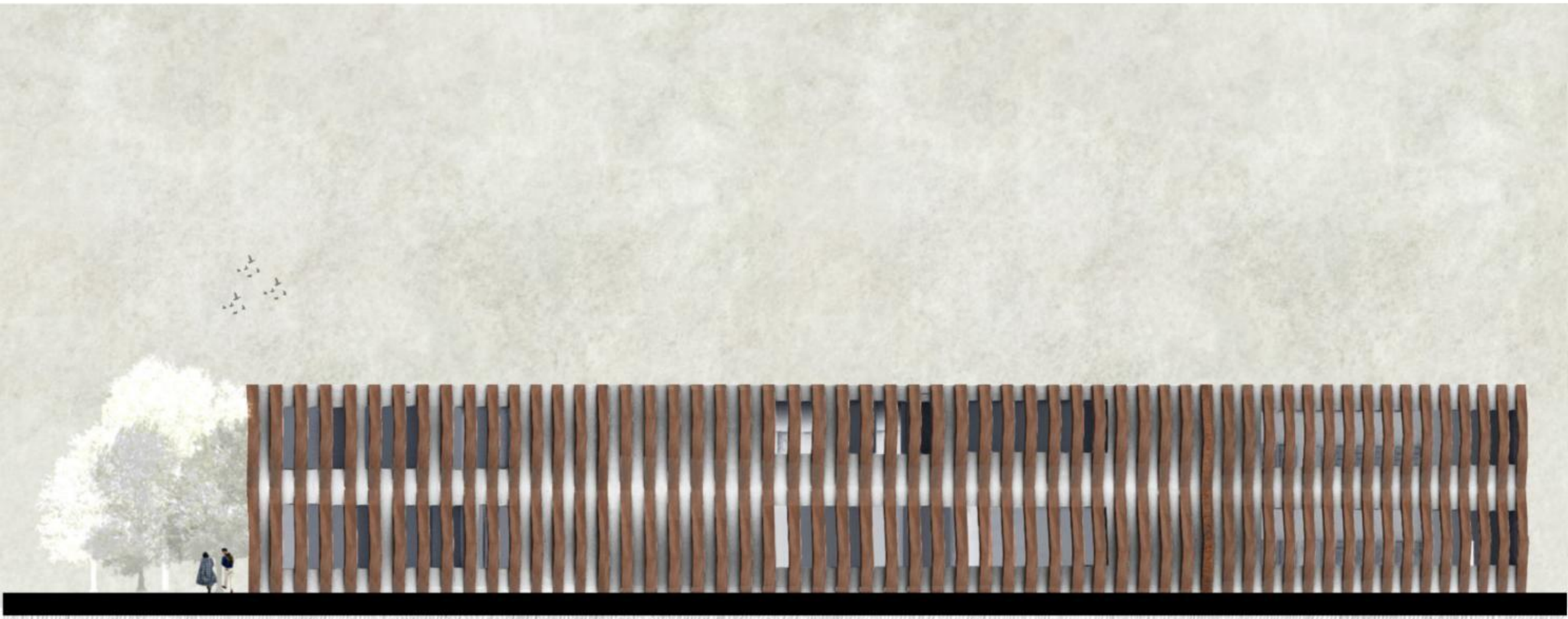
OBSERVATION DIAGRAM 22

TECTONIC TOWER 23

FALLACY LIBRARY

The design intent of the illusionist art library is to reflect the artistic gestures around Hirshorn park and the repurposed buildings in Highlands, encouraging creativity. Highlands most iconic symbol, Little man ice cream is located accross the site. Anamorphic transformation is the strategy used in the design; in which, the building appears to look like a simple bar with vertical elements where pedistrians and cars pass by, but as one approaches it they would see the real picture, that the building is not what it looks like from a distance, dividing into three structures, with sloped roofs and an inconsistent spacing of the vertical elements. The material used for the vertical structures is a material that would not shrink like steel to preserve the gridded pattern.
Softwares used for the project: Rhinocerous, Adobe illustrator, Qgis, and Photoshop. Studio instructor: Brad Tomecek.

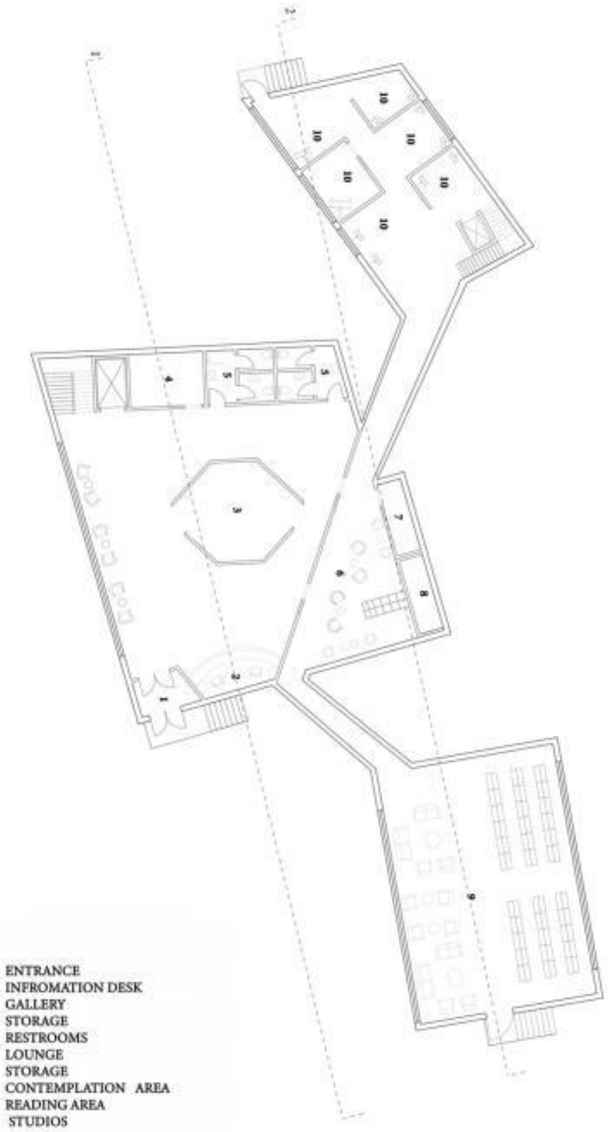




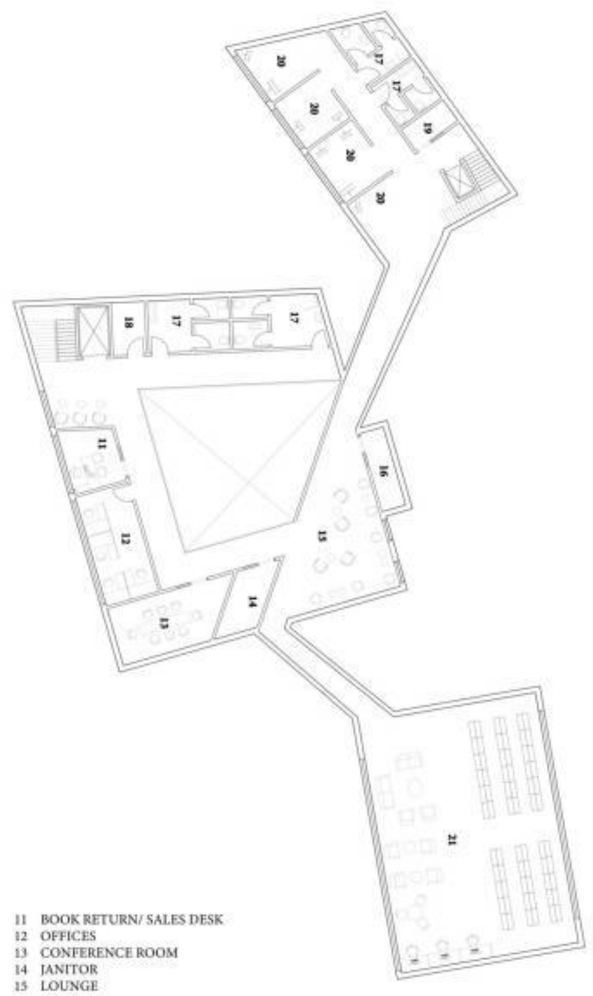
FOCAL POINT

Spacial Sequence

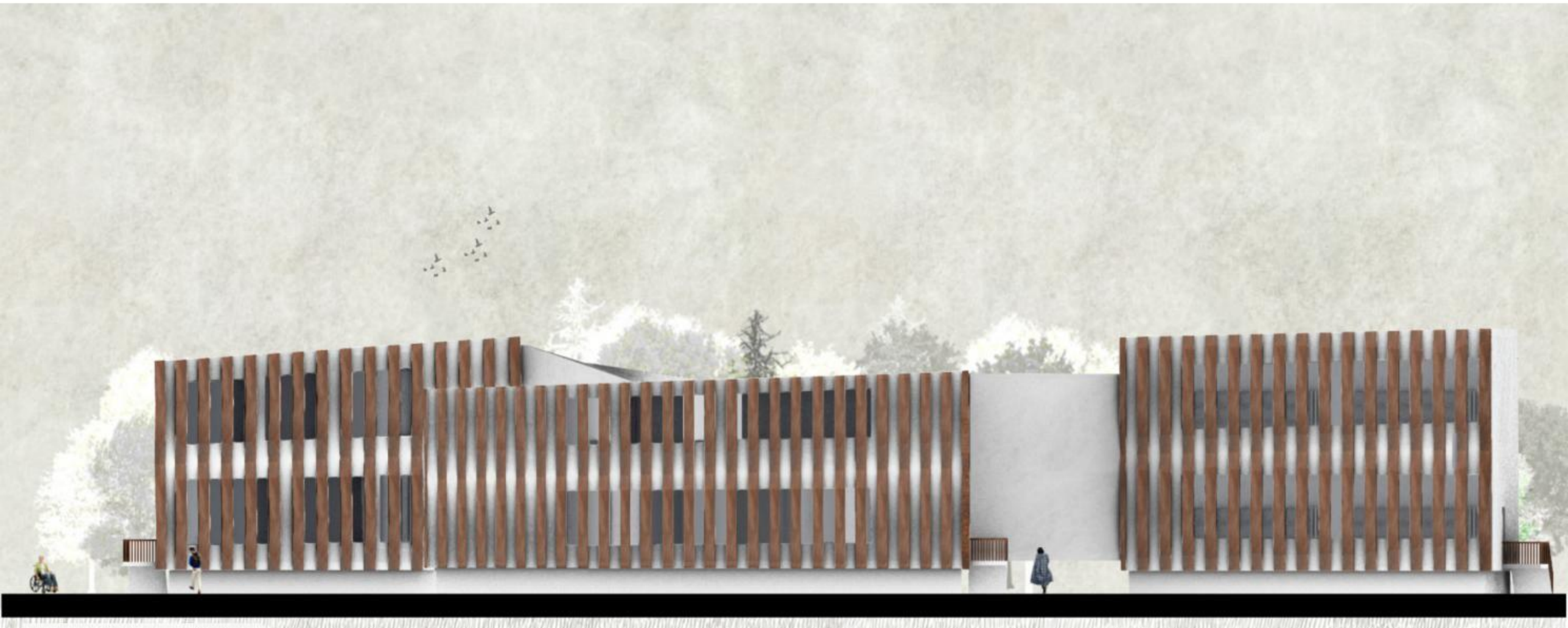
Inspiration > Reading and learning > Contemplation > Painting



1 ENTRANCE
2 INFROMATION DESK
3 GALLERY
4 STORAGE
5 RESTROOMS
6 LOUNGE
7 STORAGE
8 CONTEMPLATION AREA
9 READING AREA
10 STUDIOS



11 BOOK RETURN/ SALES DESK
12 OFFICES
13 CONFERENCE ROOM
14 JANITOR
15 LOUNGE
16 STORAGE
17 RESTROOMS
18 MECHANICAL
19 PAINTING SUPPLIES
20 STUDIOS
21 READING AREA/ COMPUTERS

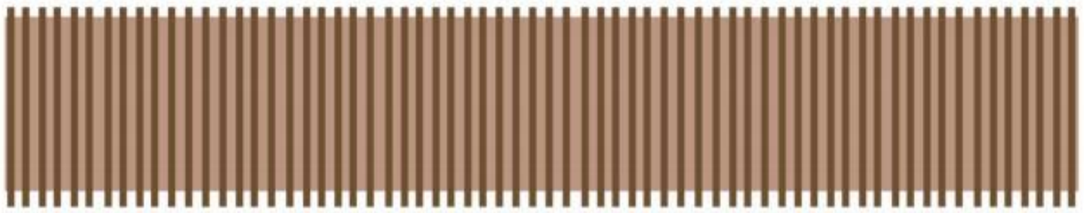


WEST ELEVATION

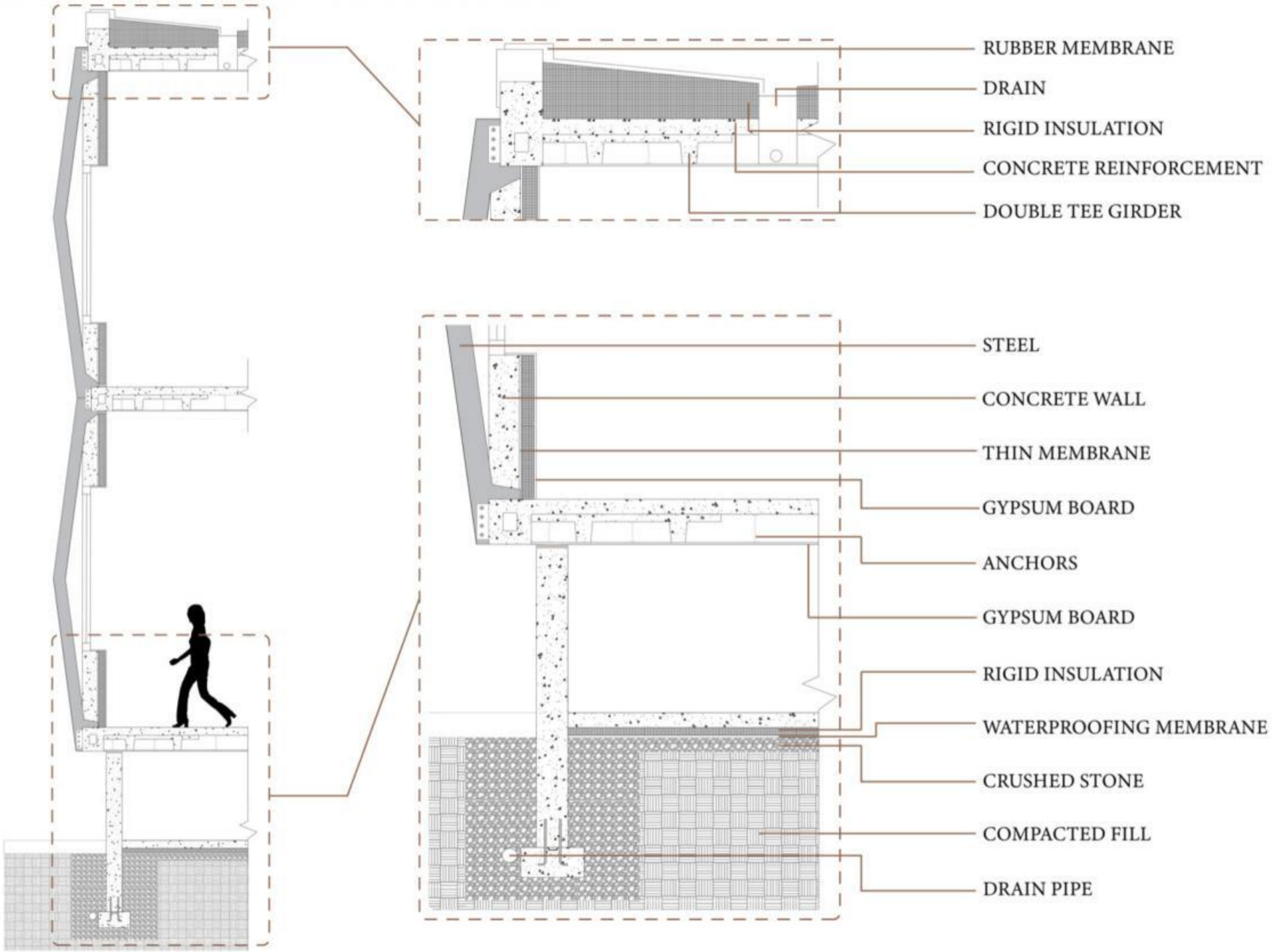
DIVISION

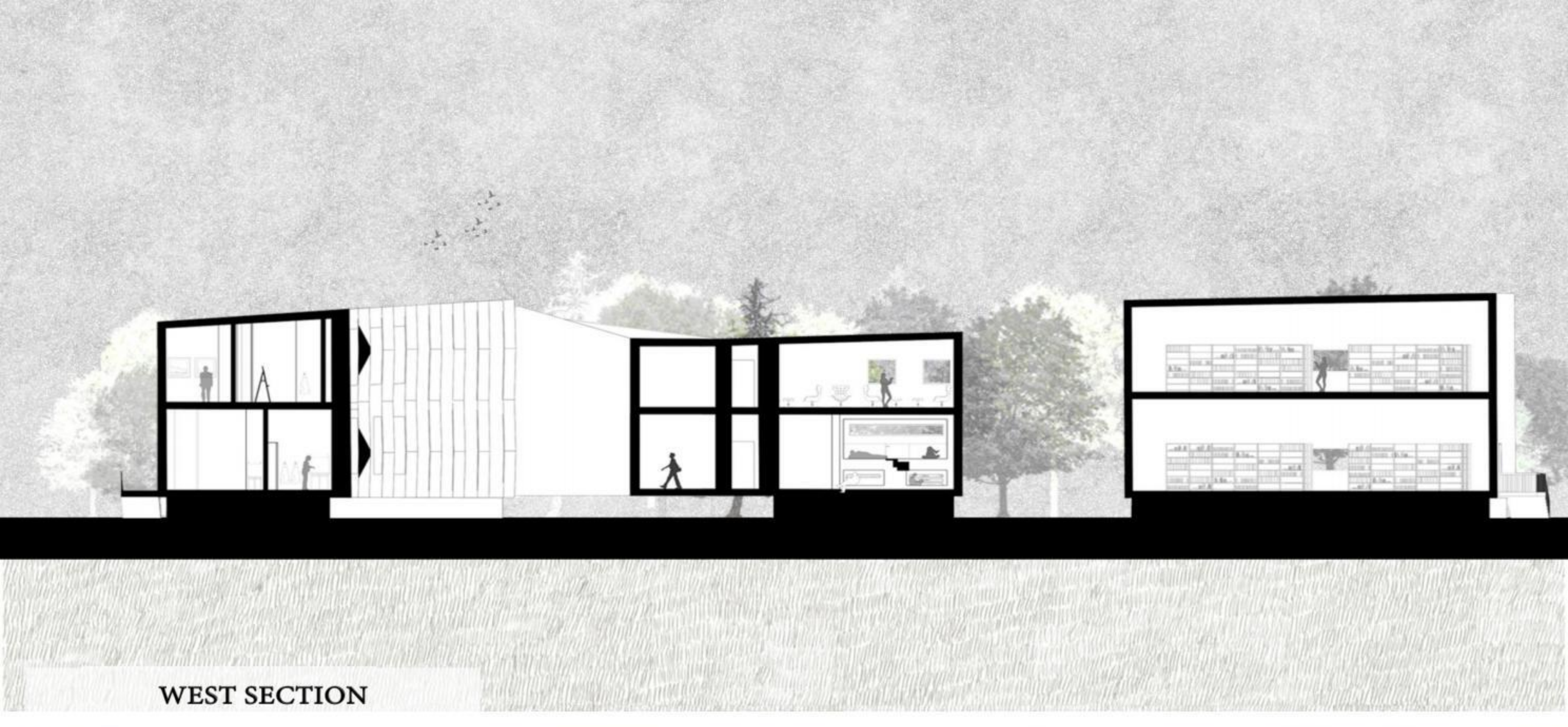
SHAPE

LINEAR PATTERN



HEIGHT

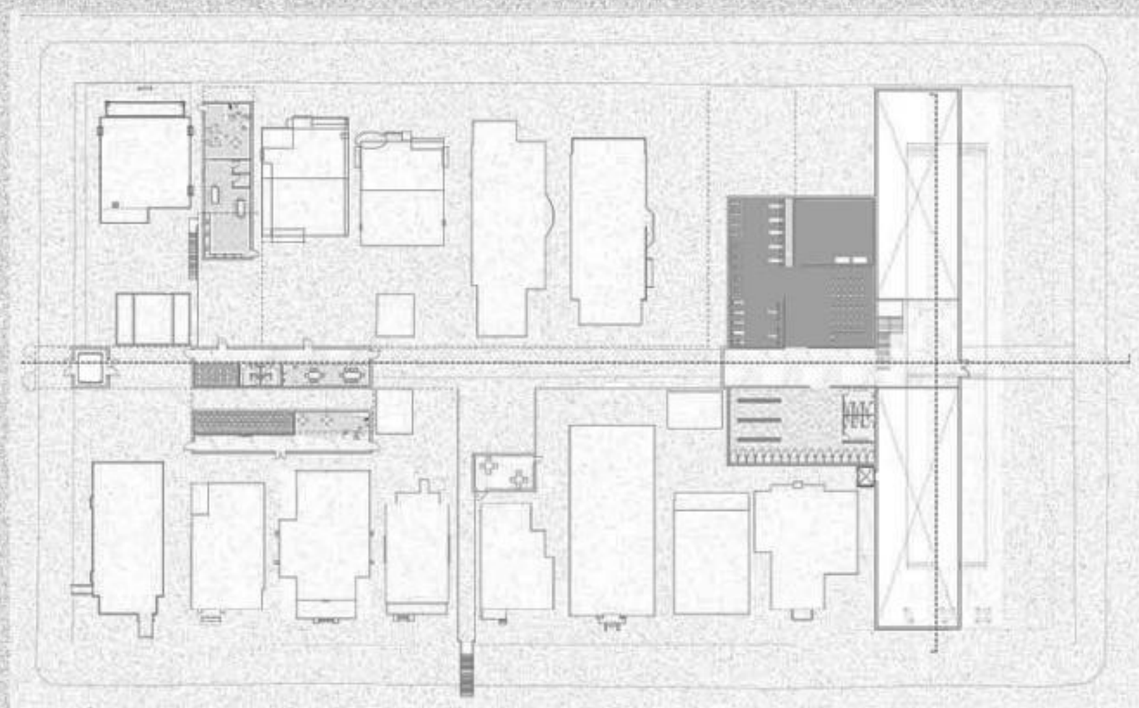


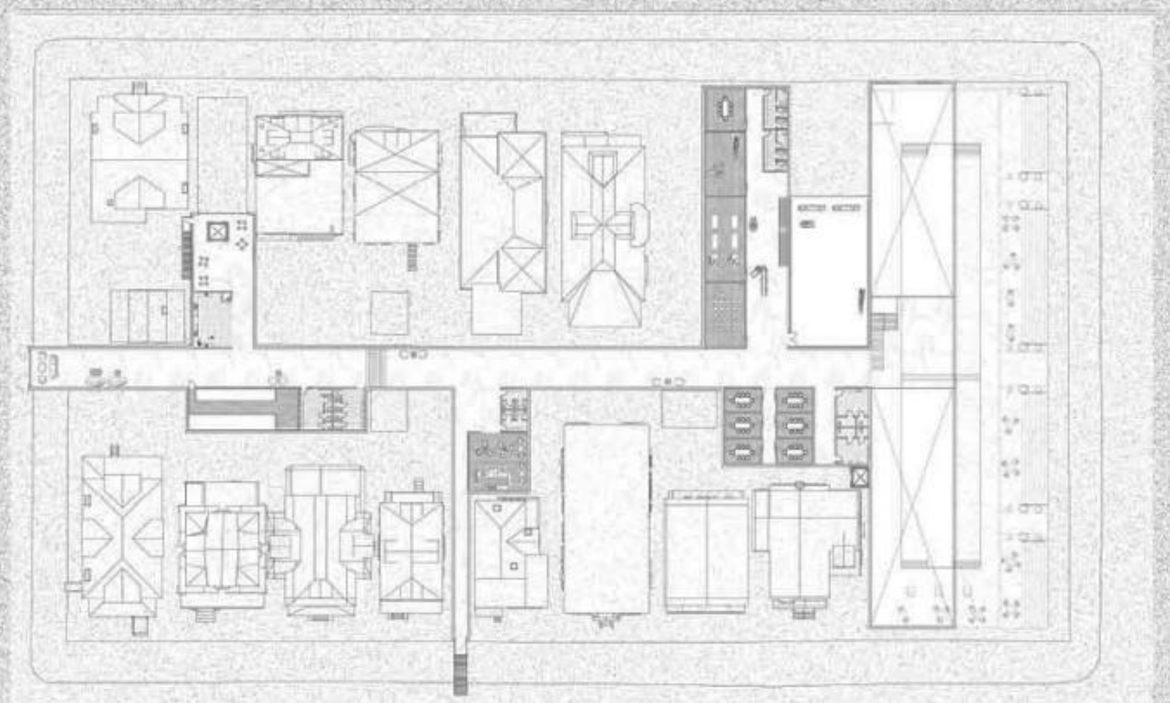


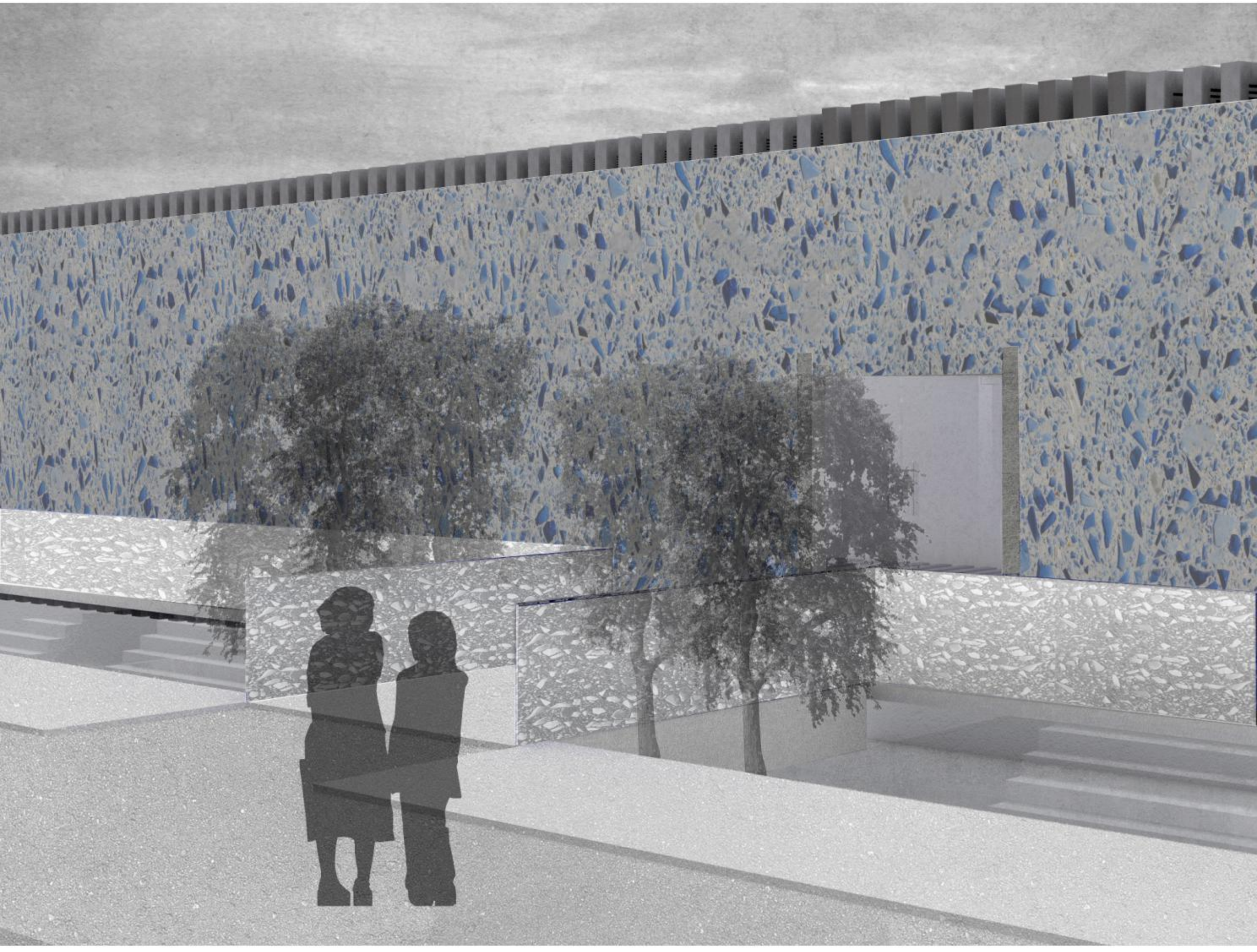
WEST SECTION

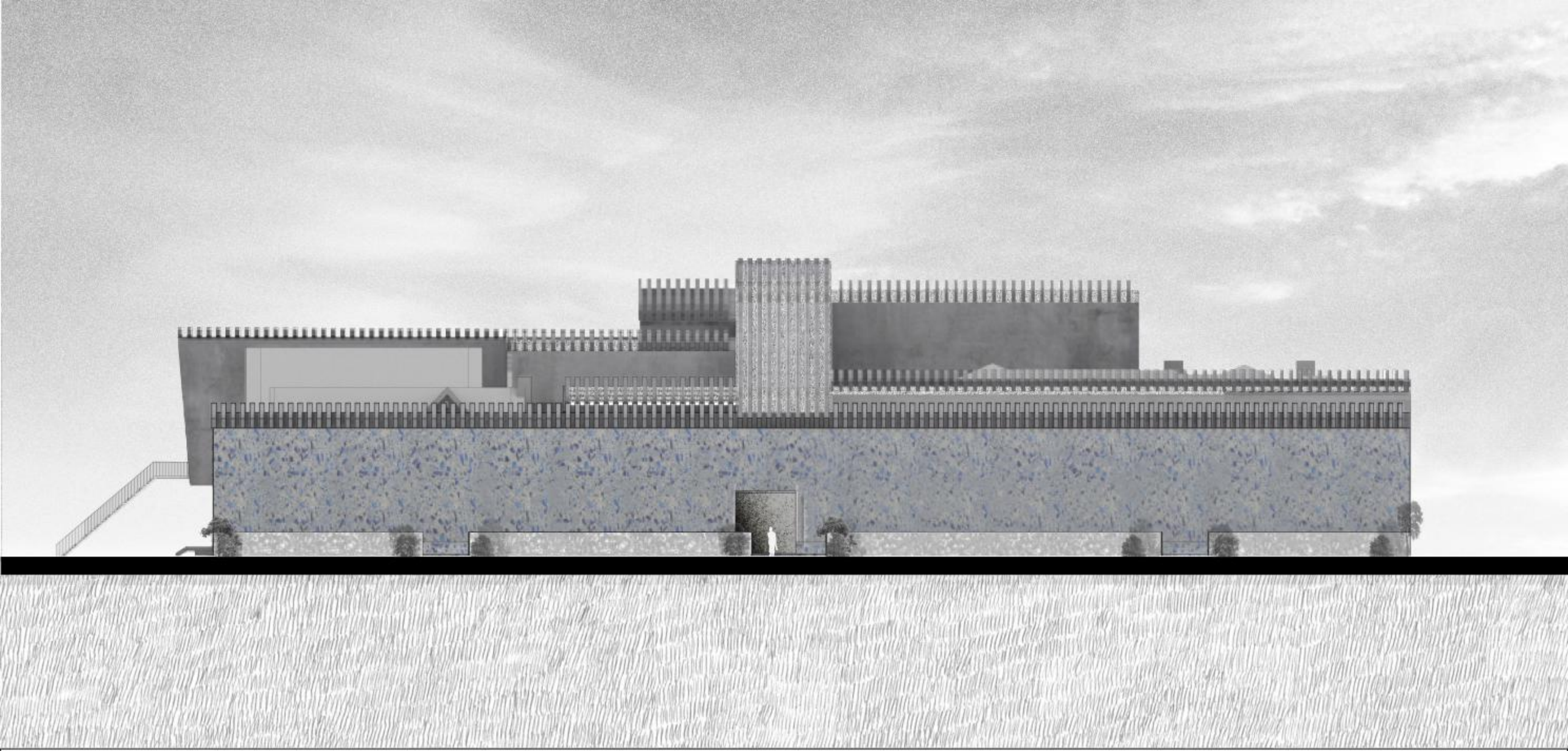
COLFAX VOCATIONAL SCHOOL

Colfax is the longest street in America, it is diverse and lined up with many eateries, bars, shops, and hotels. The design intent is to incorporate the idea of a spine reflecting the way colfax is like the spine surrounding the neigborhoods. The building stitches onto the site without disturbing residential buildings. some of the structures seep through the existing buildings preserving them. The entire second floor of the building is a long structure that occupies the alley and acts like a spine connecting the surrounding structures together. Along Colfax, the building's more public facilities are available i.e. the pool with open bleachers for passersby leaving the more private areas away from the busy Colfax street. Softwares used for the project: Rhinocerous, Adobe illustrator, Qgis, and Photoshop. Studio instructor: Kevin Hirth.

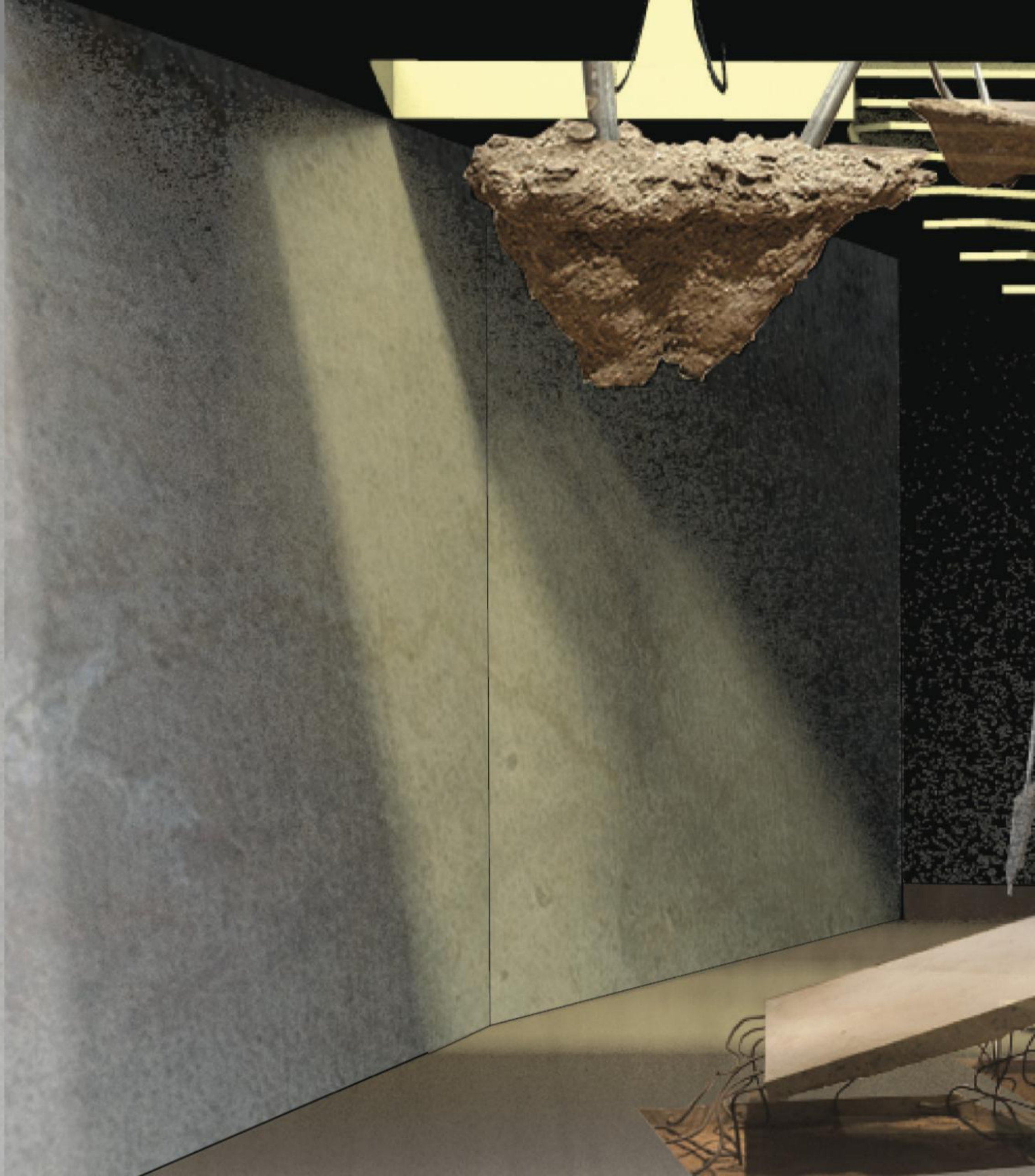






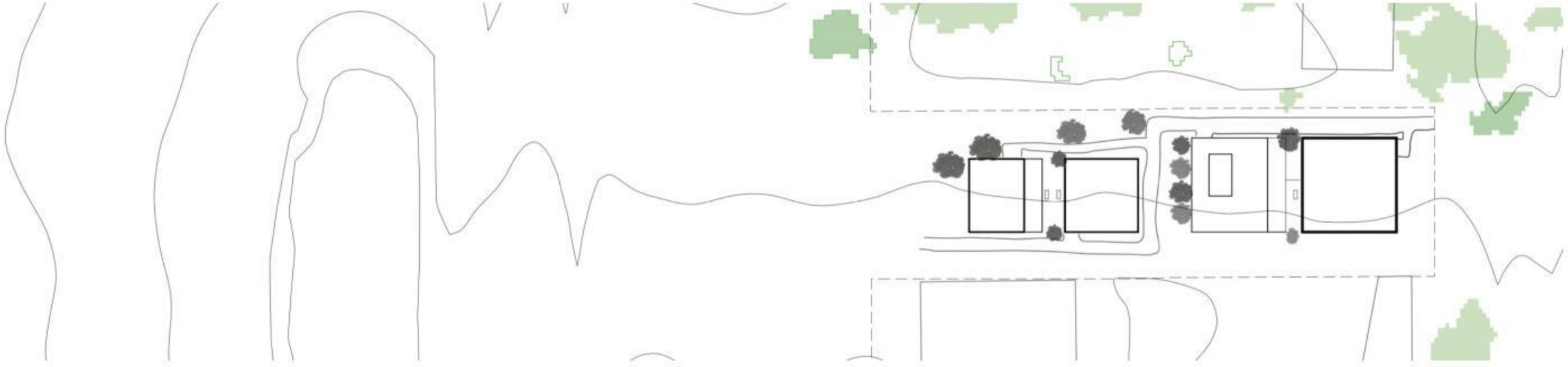


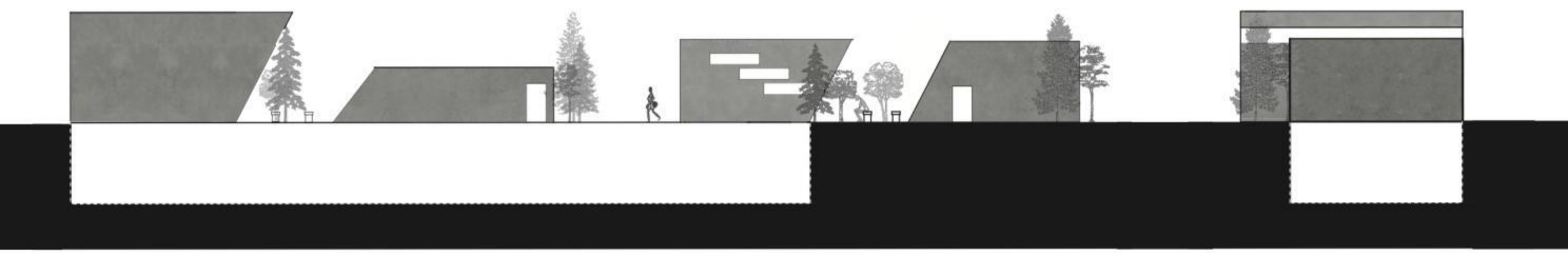
Bakery
physical
Therapy



RUBEN OCHOA ART GALLERY

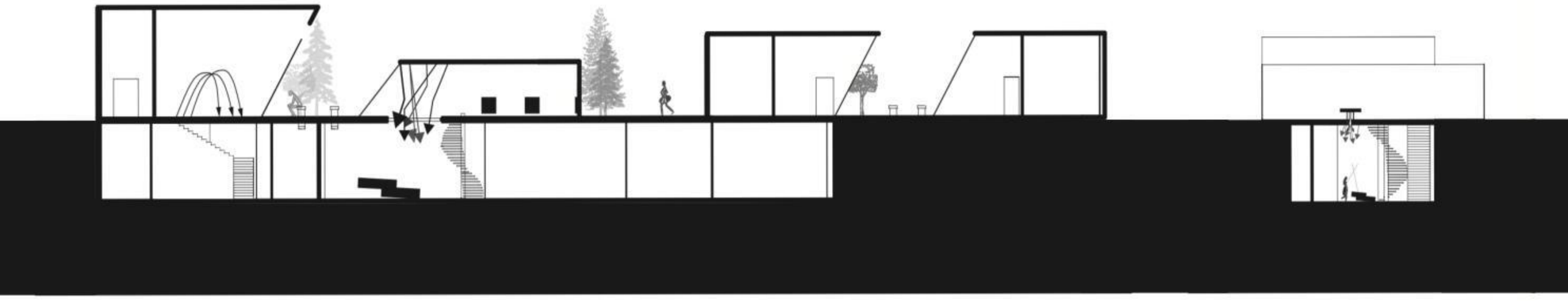
Ruben Ochoa is a multi-discplinary artist whose sculptures, paintings, drawing, and photographs explore forms and manufactured contours of the urban landscape. He uses symbolism with industrial materials and transforms them to produce aggressive work with a naturalistic feeling.
Ruben Ochoa uses natural raw materials for an organic feeling; which is reflected in the building, the path is changed in a way for pedestrians to walk around four seperate buildings and get the curiosity to think what those four similar buildings would be, figuring out theyre connectend underground when entering. The entire first floor spaces interact the outside in terms of the view, weather and natural light. Pedestrians can also peak to the art on the first floor from the outside.
Softwares used for the project: Rhinocerous, Adobe illustrator, Qgis, and Photoshop. Studio instructor: Nathan Gulash.





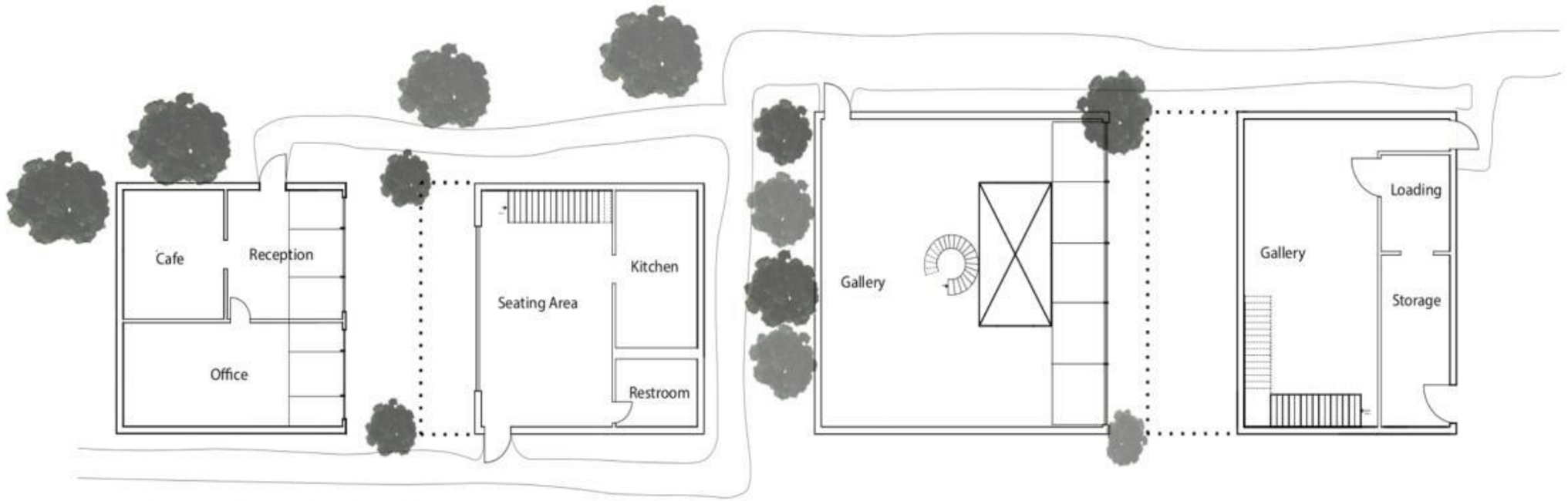
SOUTH ELEVATION

WEST ELEVATION

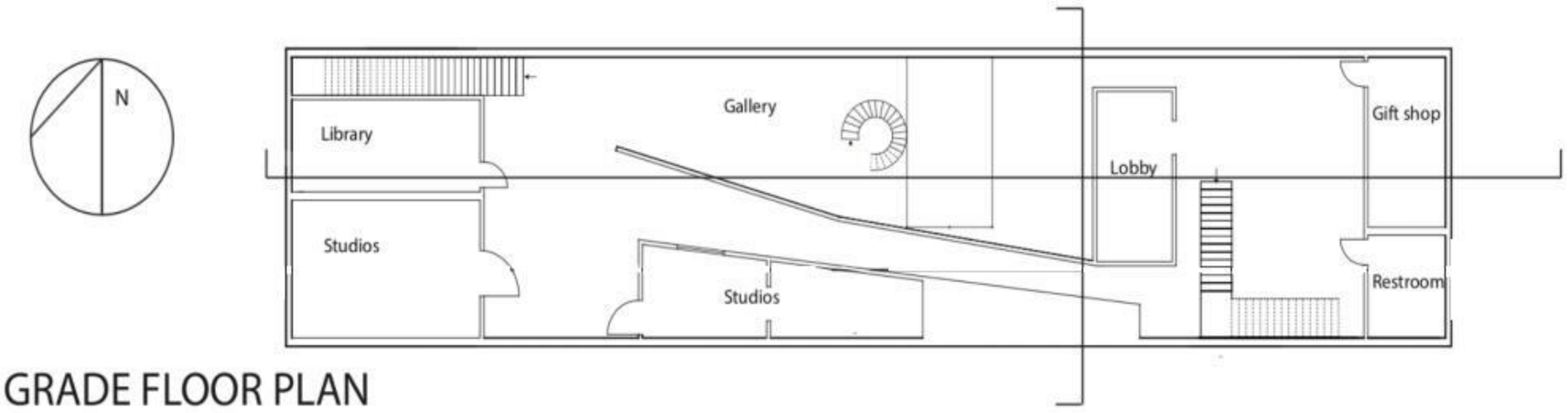


SOUTH SECTION

WEST SECTION

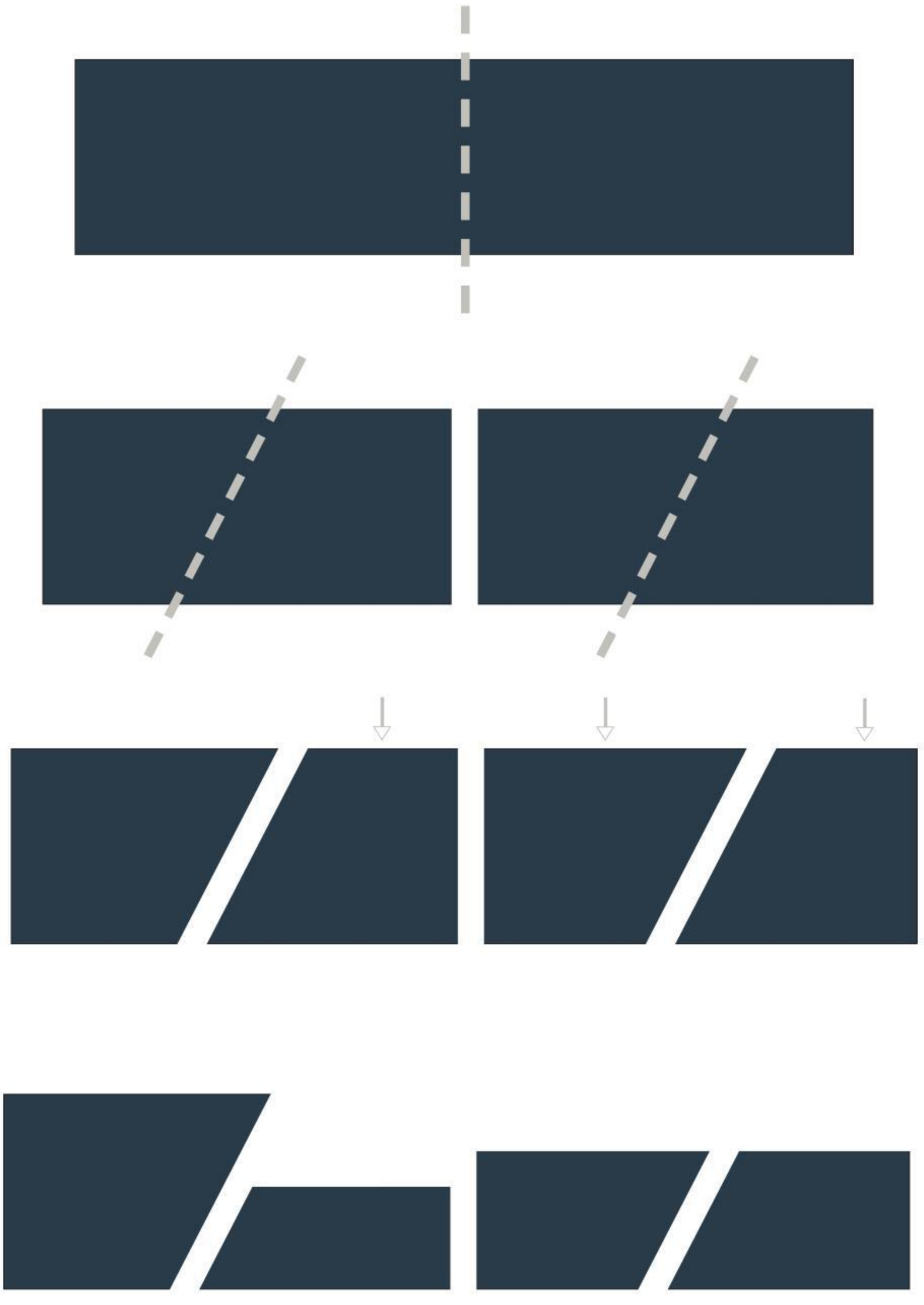


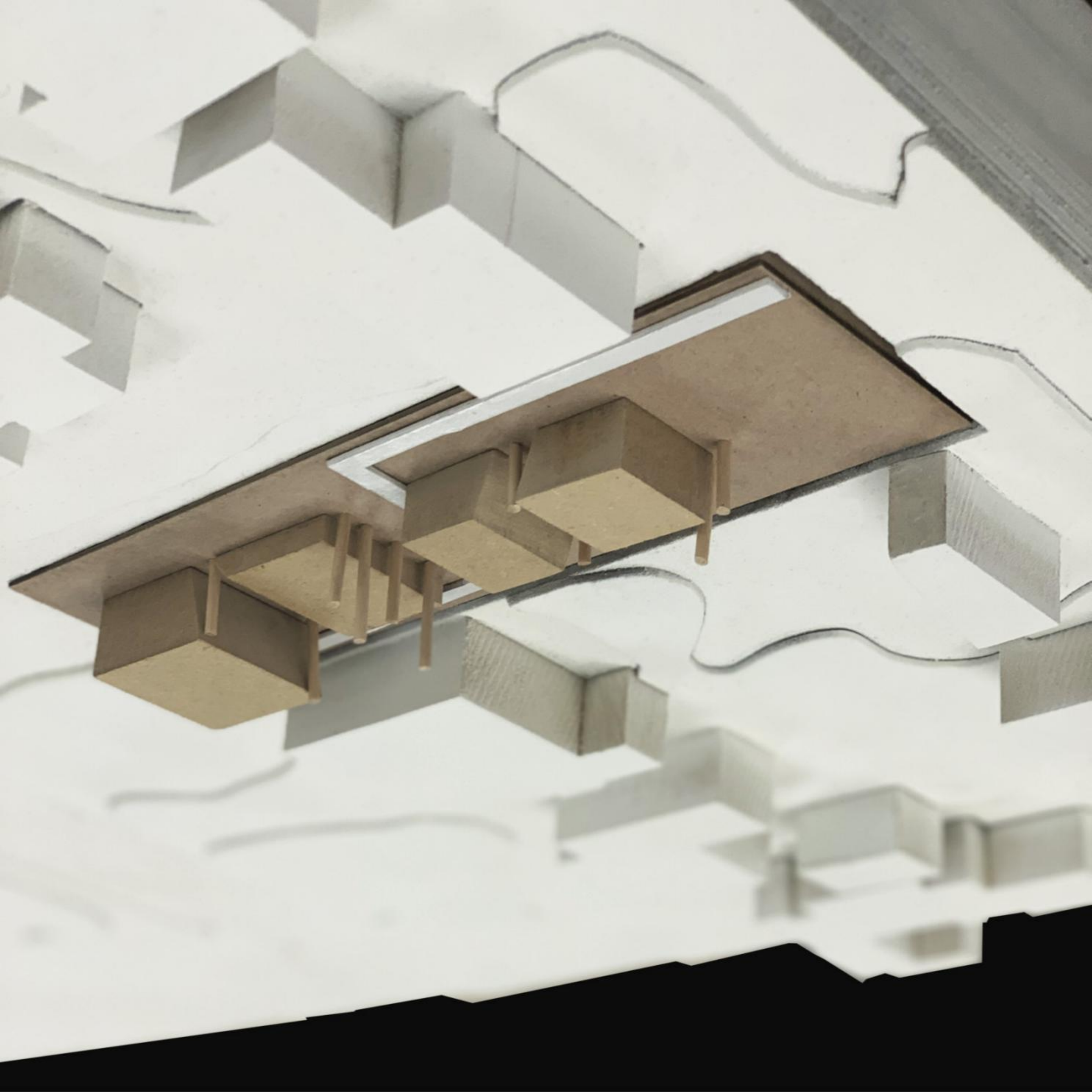
GROUND FLOOR PLAN



BELOW GRADE FLOOR PLAN

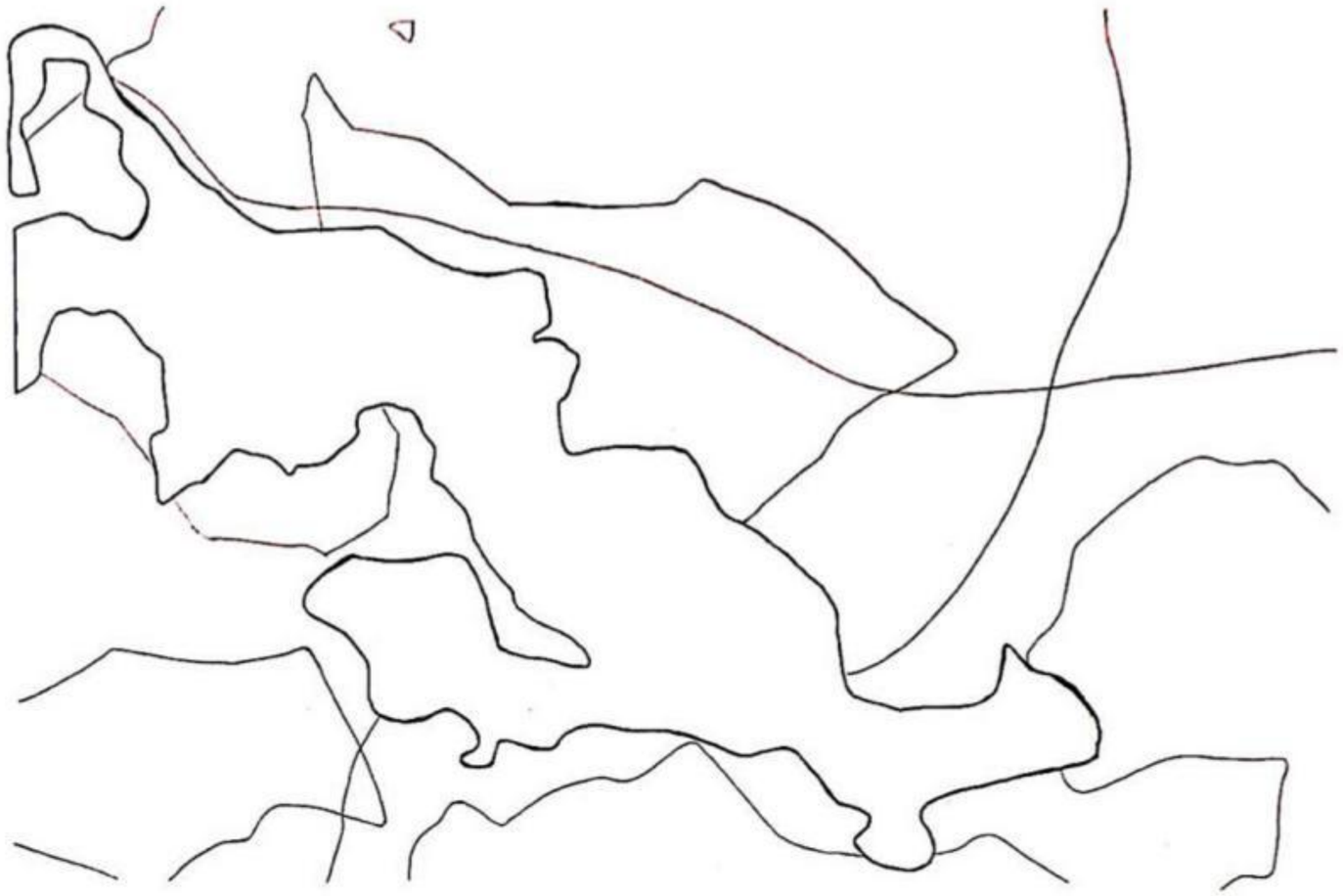
SEPARATION

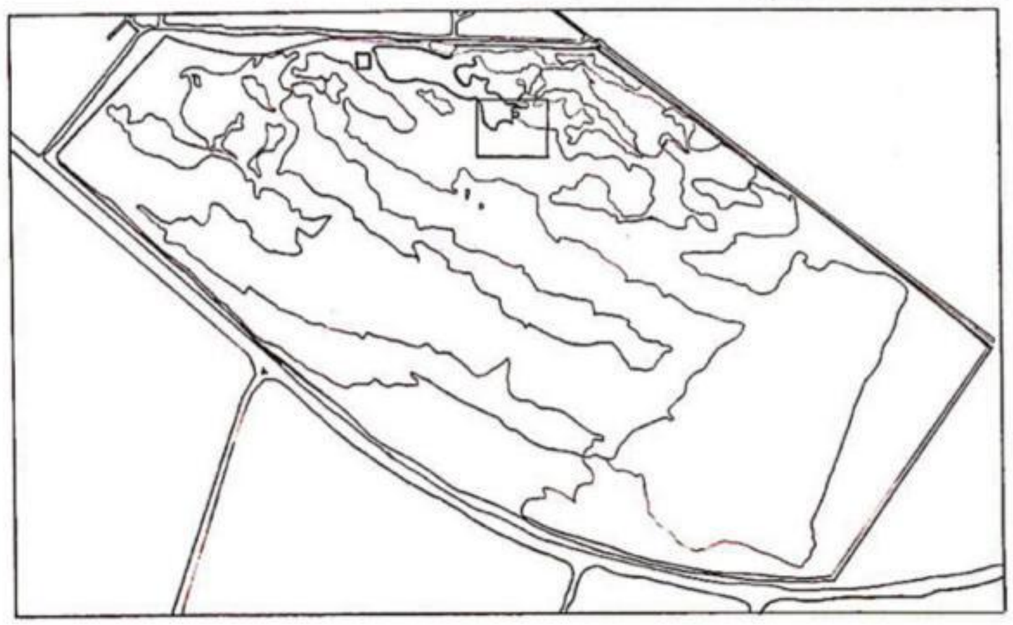


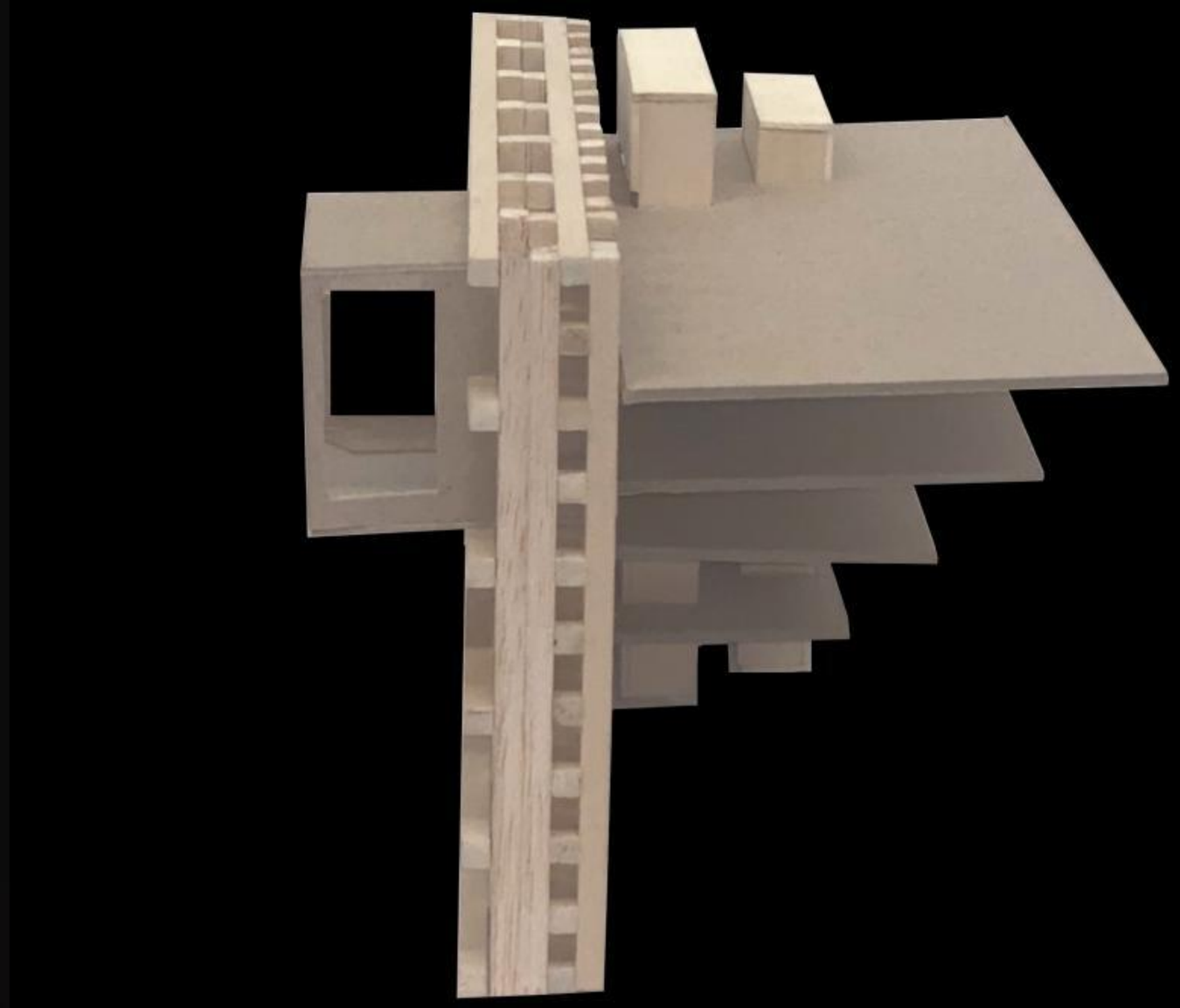


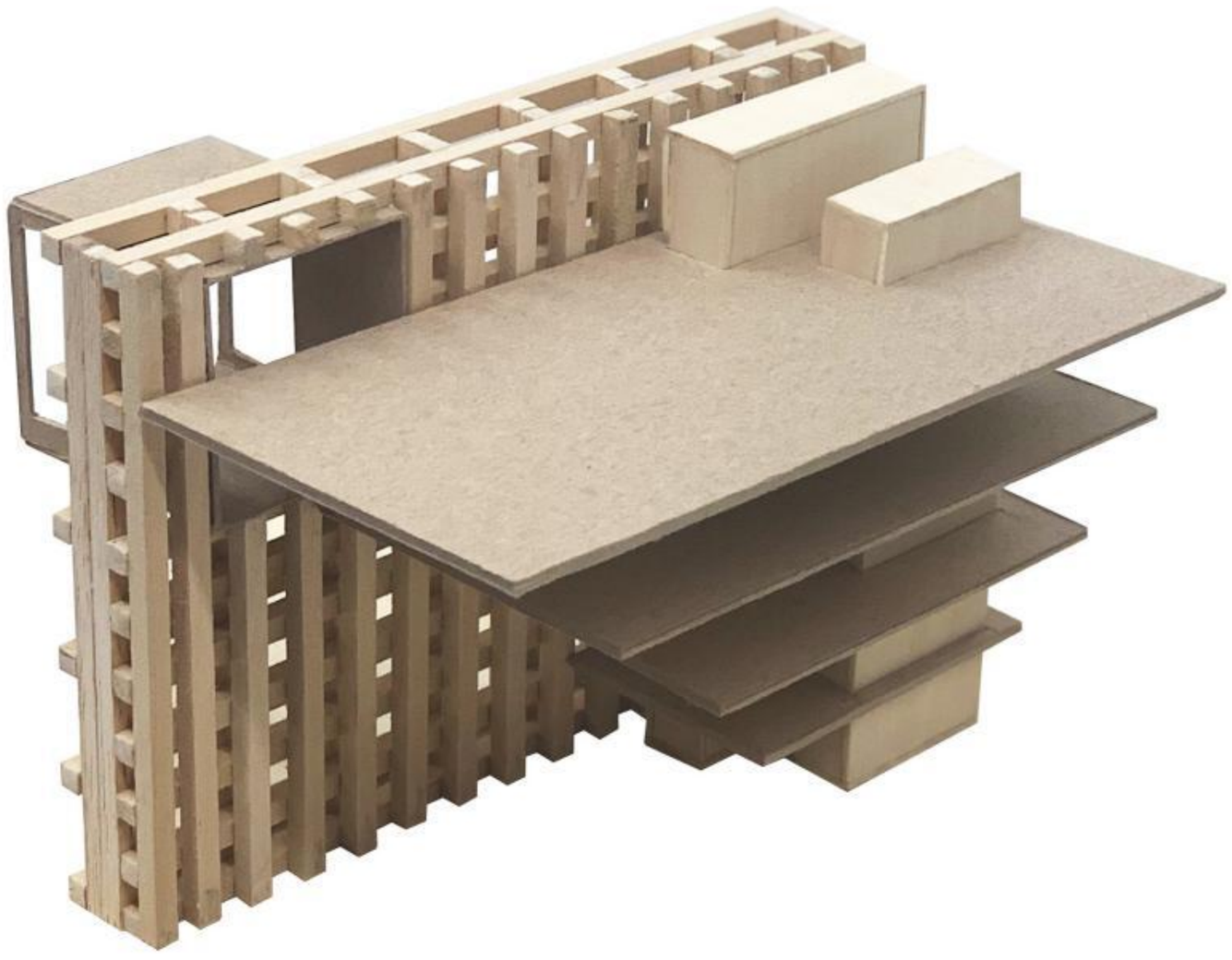
BIRD WATCHING TOWER

The Abu Dhabi Flamingo Observation Tower is by a salty body of shallow water where flamingos stay awhich many tourists visit regularly. Inspiration was brought from the experience of stairs, in which, the more you climb stairs the more you can see from the next level. The geographic location and weather were taken into consideration, therefore, each platform extends and gets wider to provide shade and more space for movement. The smallest rectangular space is where the circulation occurs, it is completely enclosed for the visitors to relax after the long journey. The wall insulates visitors from the flamingos to prevent disruption of the flamingos environment and to provide shade. The focal point is the space peaking outside the wall to provide a 360 view. A simple structure was designed to be built with simple materials that absorb heat, like wood, in a short period of time. Softwares used for the project: Rhinocerous, and Photoshop. Studio instructor: Zahra Namavar.



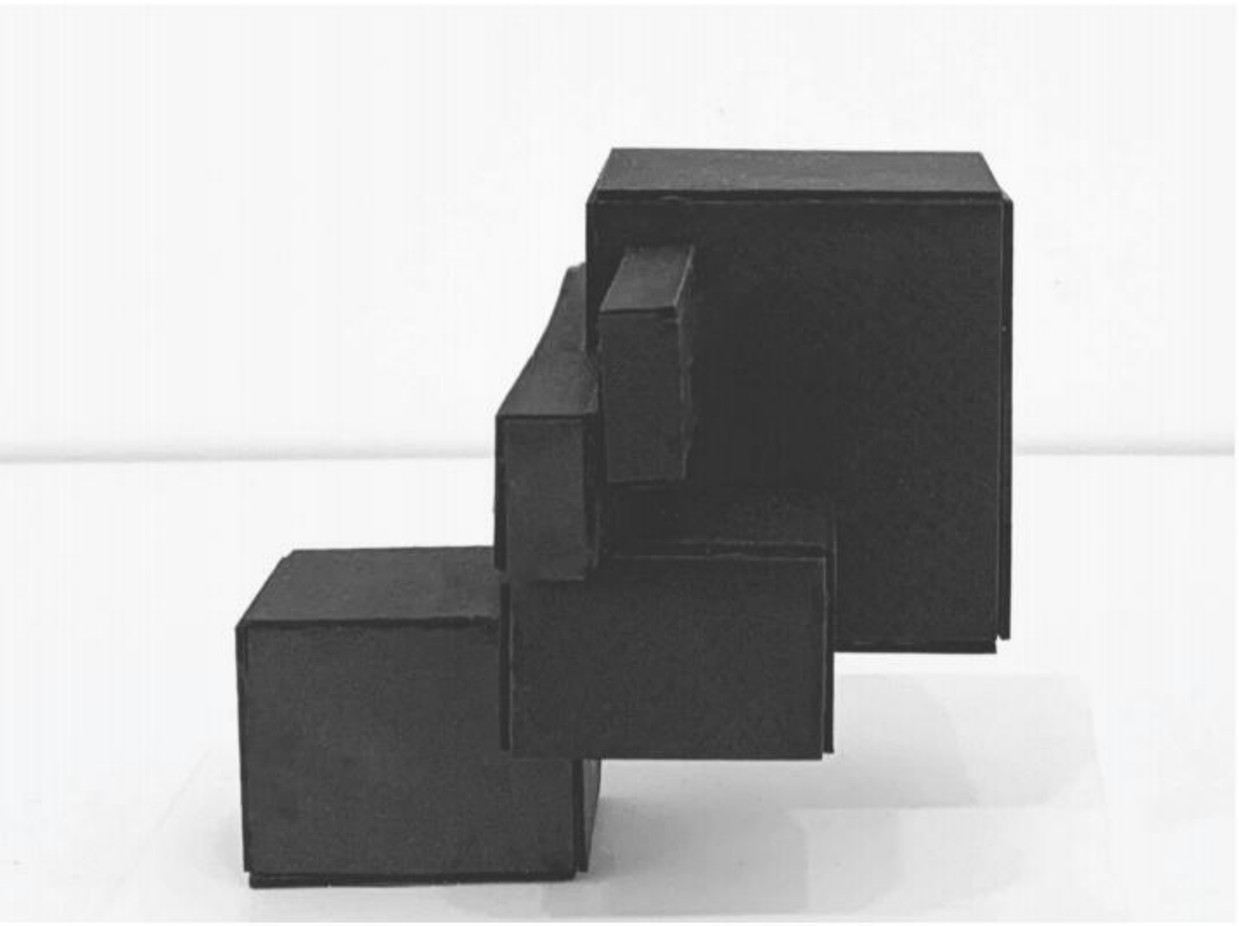


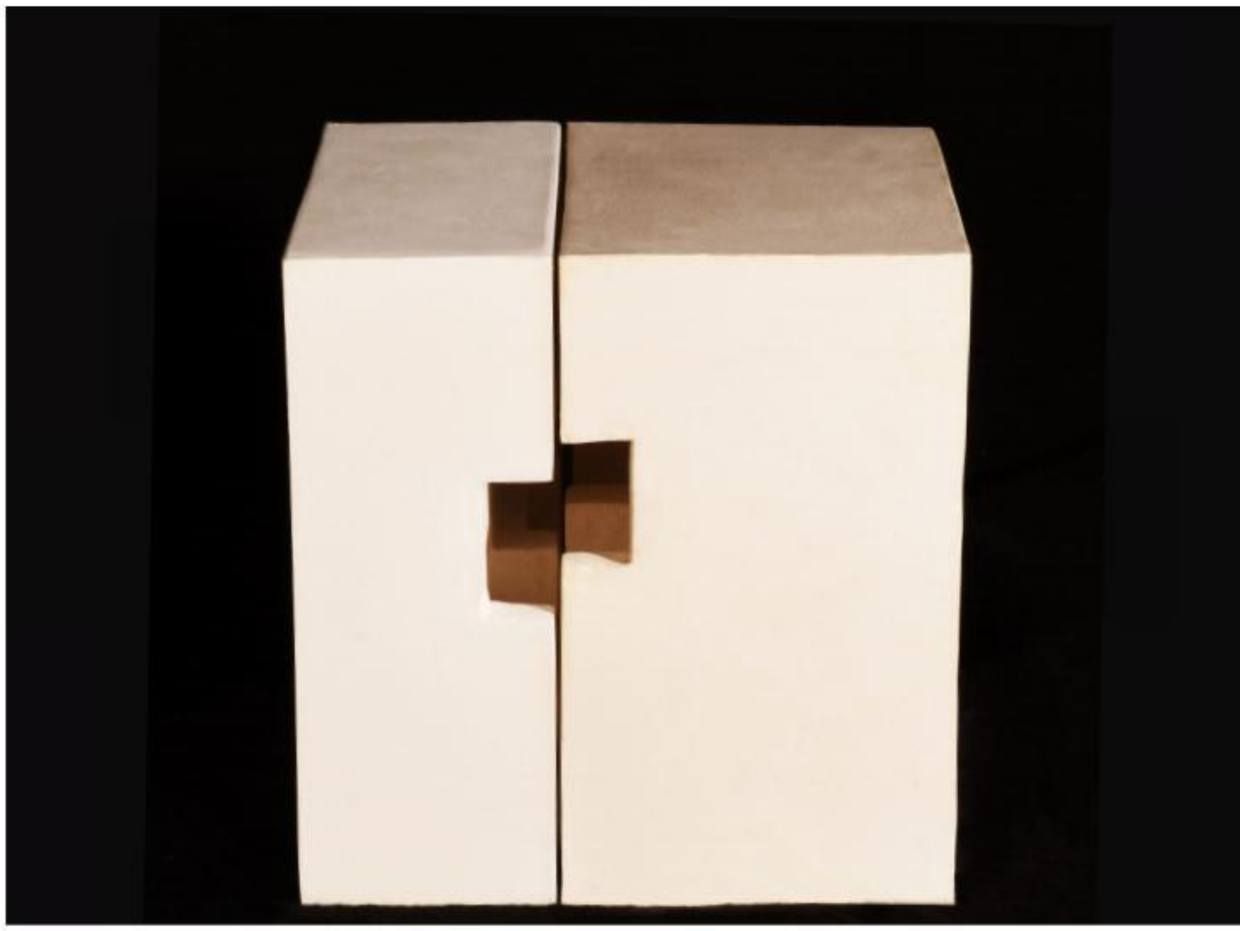


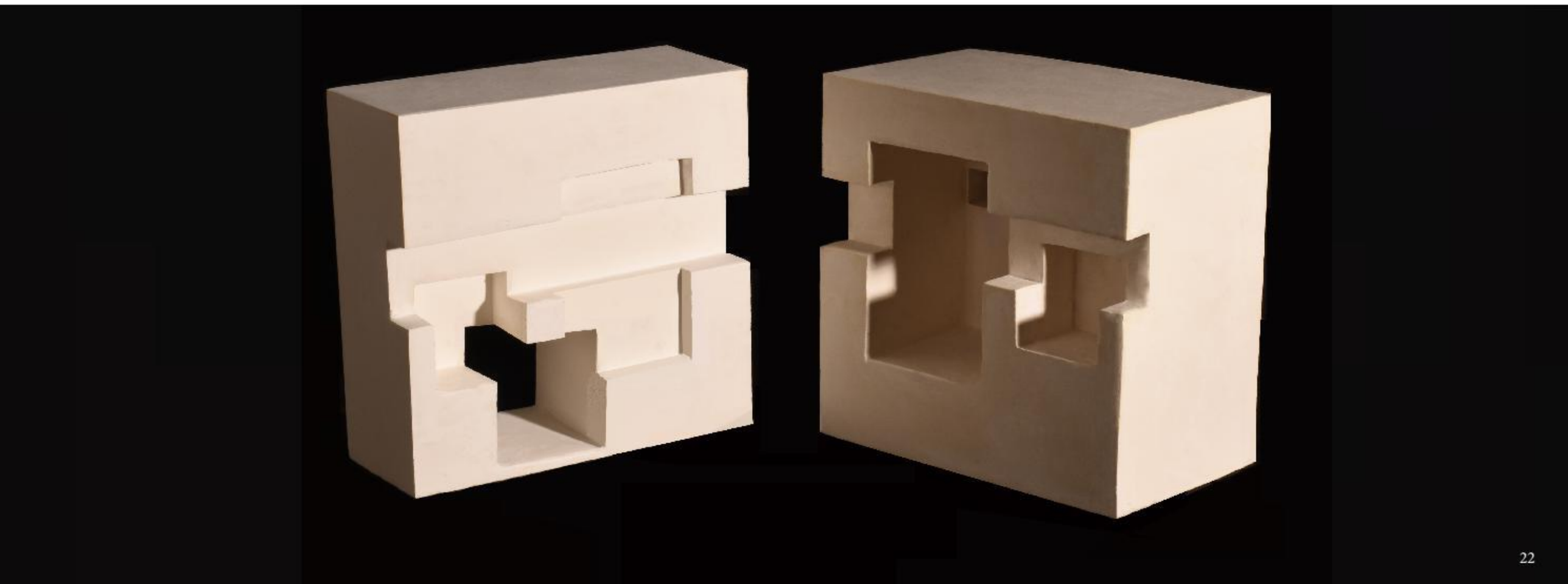


OBSERVATION DIAGRAM

The project creates an illustration showing design elements of hierarchy, sequence, and solid/void relationship of elementary, secondary and tertiary spaces in a plaster model.
Software used for the project: Rhinocerous. Studio instructor: Zahra Namavar.

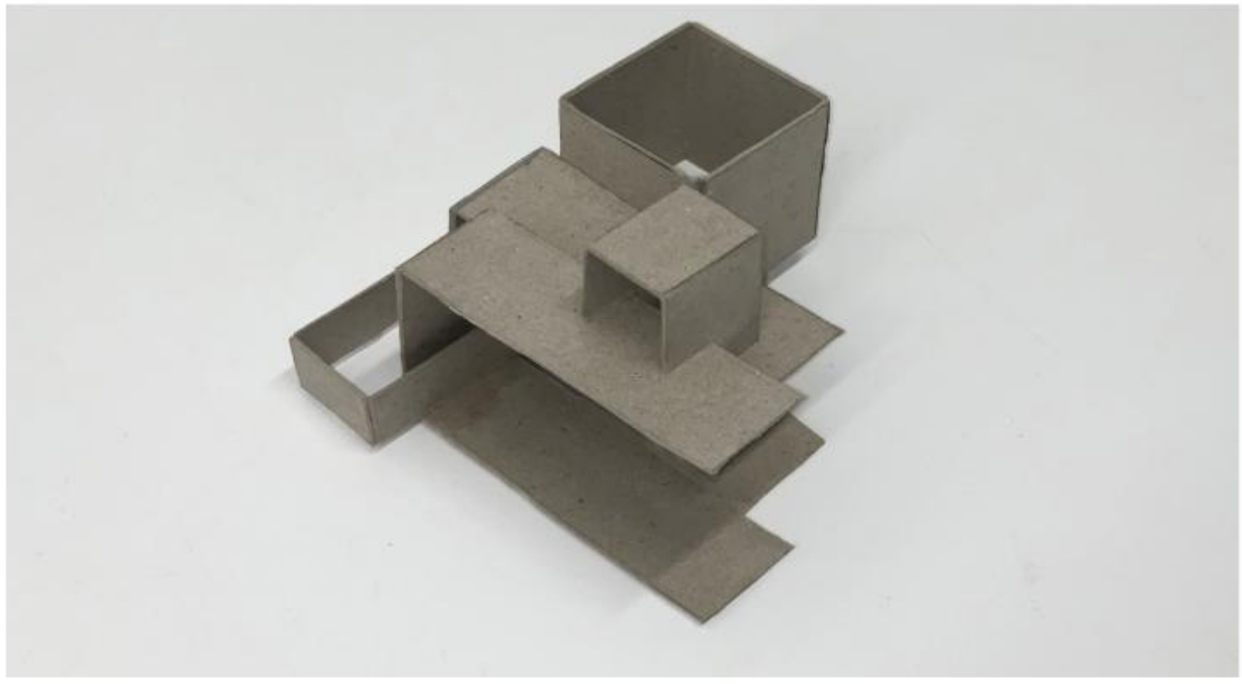






TECTONIC TOWER

The project constructs four partially and fully enclosed spaces. An organization of a tectonic system was composed of hierarchy and spaces. The module got arranged in horizontal repetition, eliminating and rotating some elements to create spacious spaces in particular areas like the focal point, tertiary and primary spaces; with a spectacular point where the circulation occurs to reach the focal point. Movement, hierarchy, sequencing, pattern, order, repetition and balance were considered. Five vertical elements were not only used for structural purposes but also to establish a boundary and a focal point for the space.
Software used for the project: Rhinocerous. Studio instructor: Zahra Namavar.



ARCHITECTURE PORTFOLIO