

STUDIO GAMMA + WATER

DESIGN PORTFOLIO

Y I L I N Z H A O 9 4 0 6 4 1
S T U D I O L E A D E R : D A N N Y T R U O N G
S E M E S T E R 2 - 2 0 1 8

C O N T E N T

DESIGN PROJECT 1:	02
LIVING HOUSE	

DESIGN PROJECT 2:	15
LIVING NEIGHBORHOOD	

LIVING HOUSE

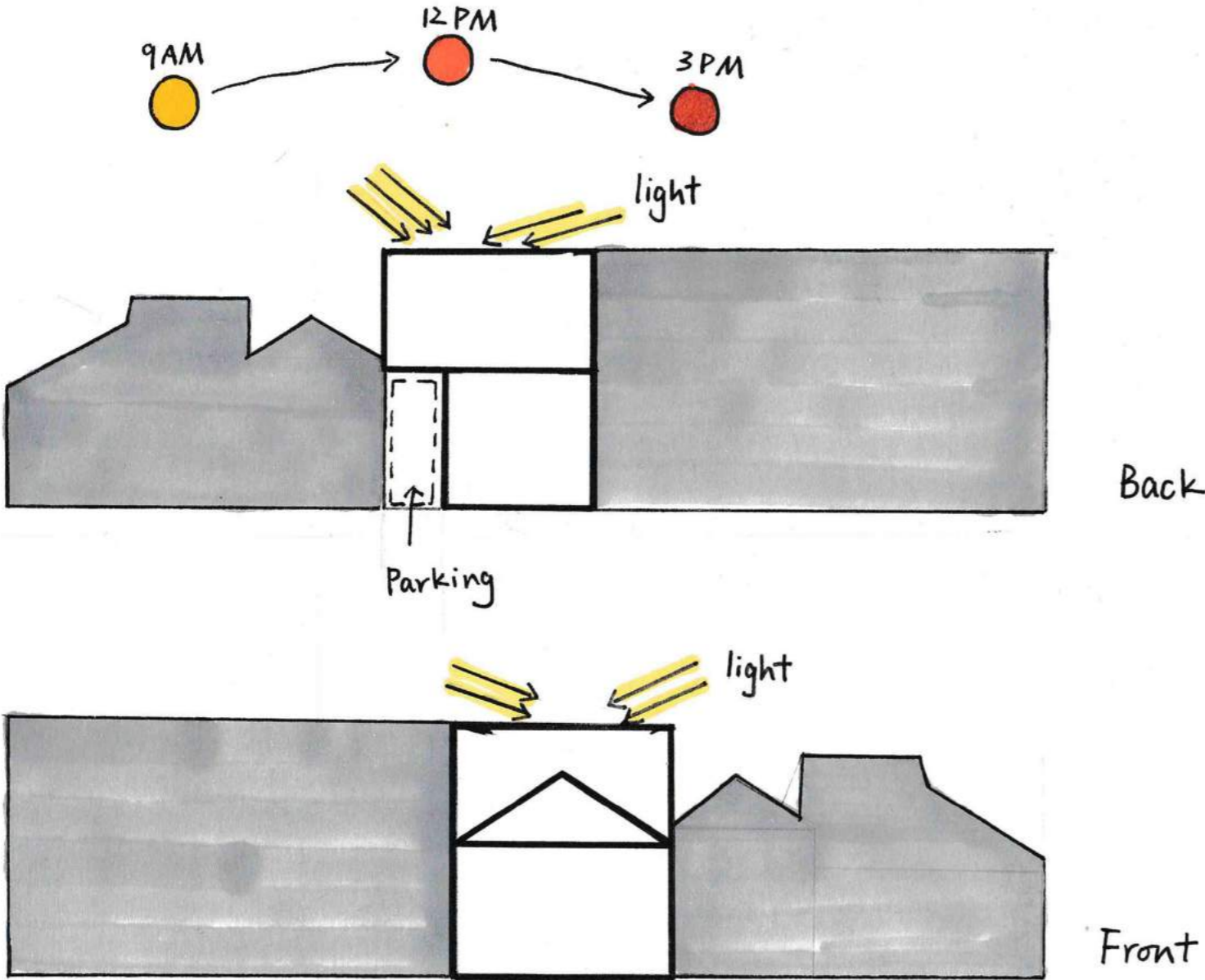
Lighting & Air

The main concept of this design is natural light and air, there are three main elements to reflect this concept. First is courtyard, there are two courtyards at ground floor that allow the air and sunlight coming inside of house. Second is material, the first floor adapt the perforated metal liner which can filtering the strong sunlight and allow the first floor's light coming into ground floor. The third is celestory window at first floor that is another way to introduce light and air.

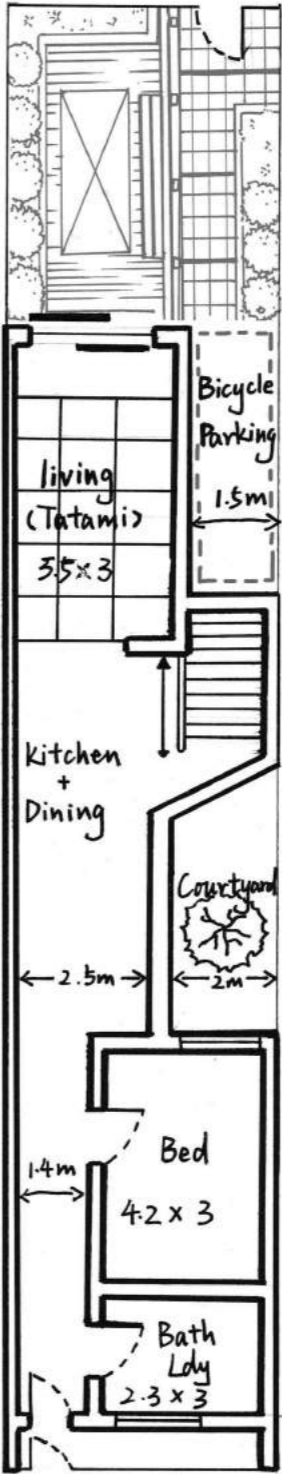


OLD VISION (week 3)

LIVING HOUSE

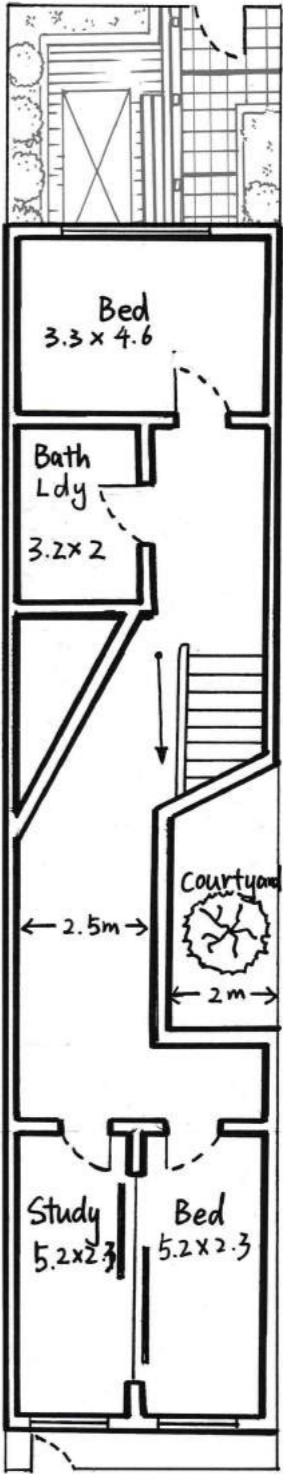


SUNLIGHT DIAGRAM



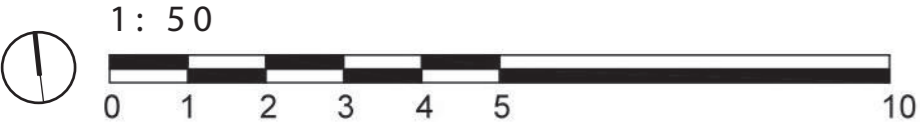
GROUND FLOOR PLAN

1:50



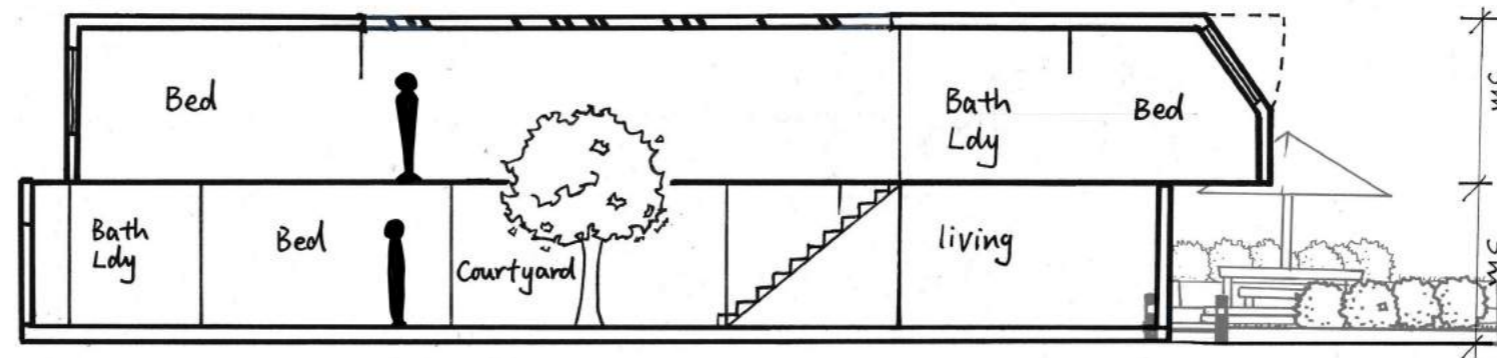
FIRST FLOOR PLAN

1:50



SECTION

1:50

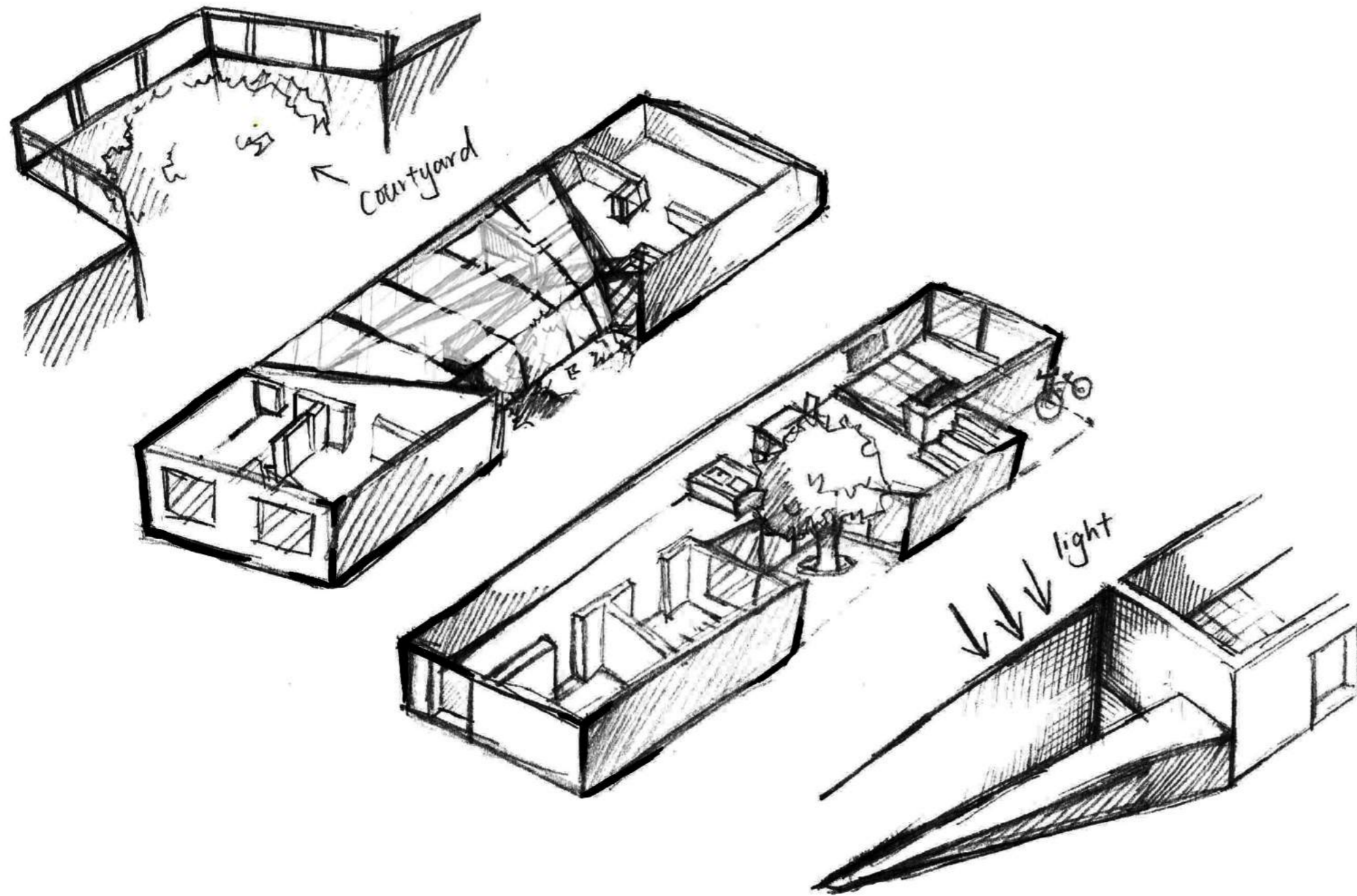


COLLAGE
&
INSPIRATION



1: 50





PERSPECTIVE DRAWING



PHYSICAL MODULE

OLD VISION (week 6)

LIVING HOUSE



OLD COLLAGE

REFINEMENT

The old vision's exterior design consideration is not comprehensive, such as the relationship with neighbourhood. The newly added floor looks contrast with in the surrounding neighbourhood. Therefore, in the final vision, I use the same material--brick in the surface and the exterior design have contact with its neighbourhood. For the final vision, I also add some new perspective view of exterior and interior to show the materiality and the detailed interior design.

FINAL VISION (week 6)

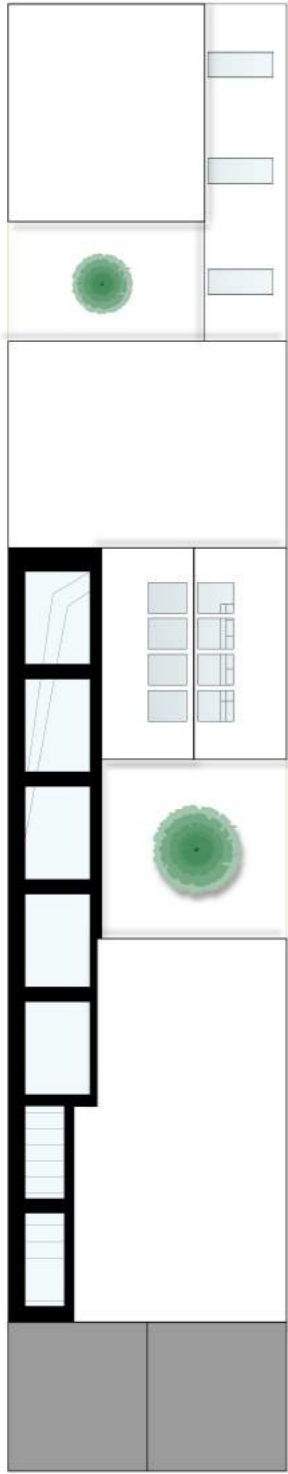




SITING



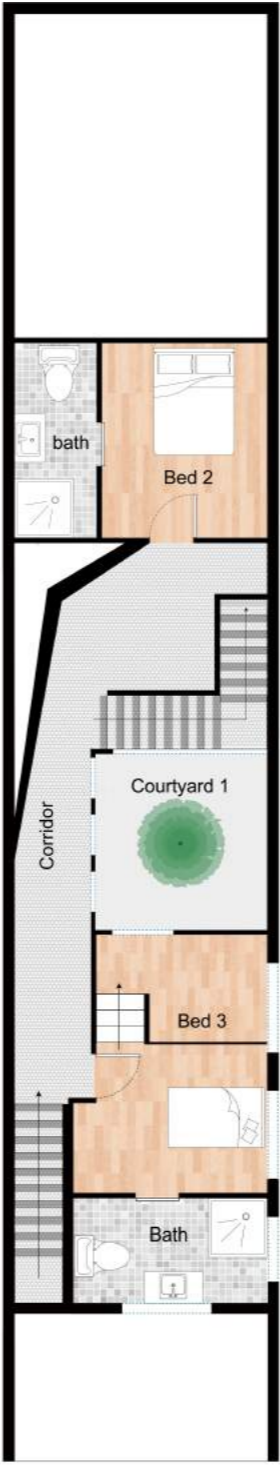
NEW PERSPECTIVE VIEW



ROOF
PLAN



FIRST
FLOOR
PLAN



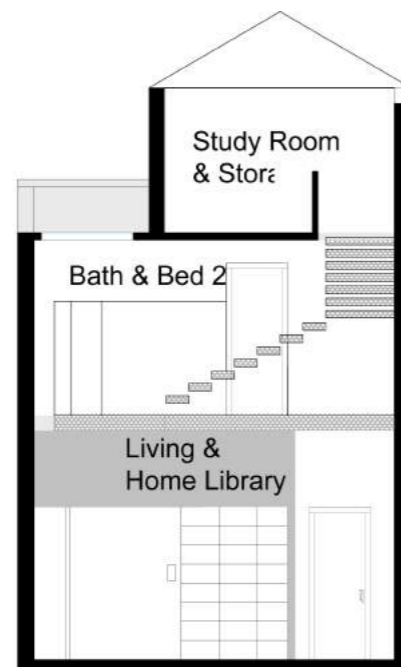
GROUND
FLOOR
PLAN



LOFT
PLAN



SECTION B

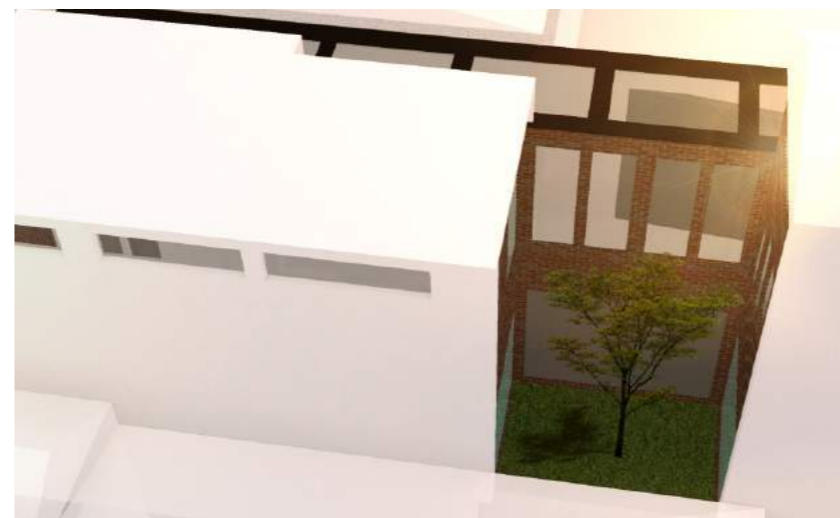


SECTION C

SHORT
SECTION

1: 50

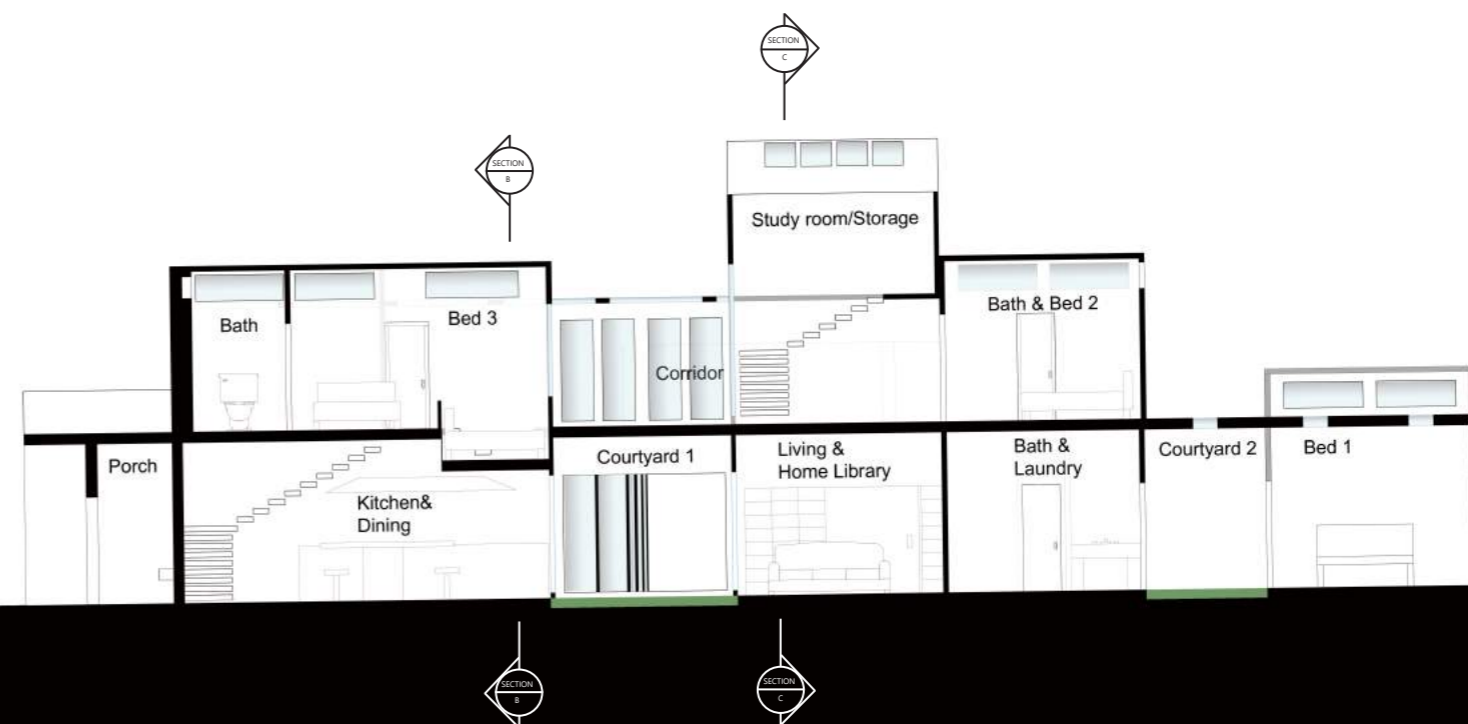
LIVING HOUSE



NEW PERSPECTIVE VIEW OF COURTYARDS



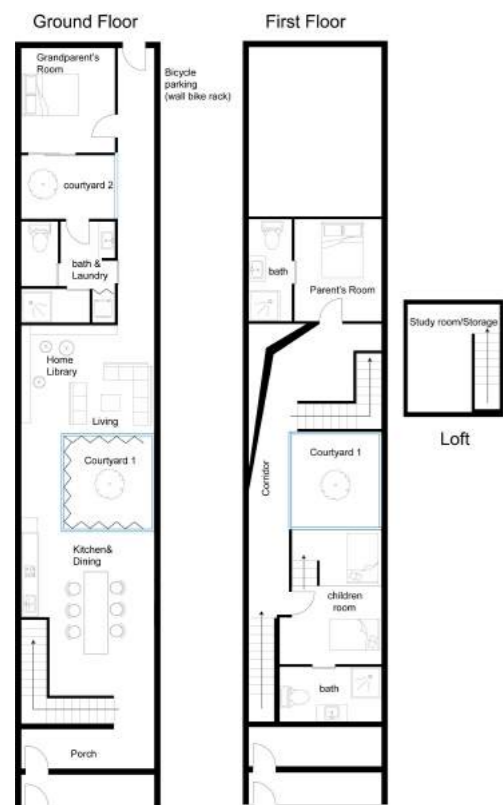
LONG SECTION
SECTION A



1: 50



LIVING HOUSE



ADAPATATION SCENARIOS
OF FIRST 10 YEAR



ADAPATATION SCENARIOS
OF SECOND 10 YEAR

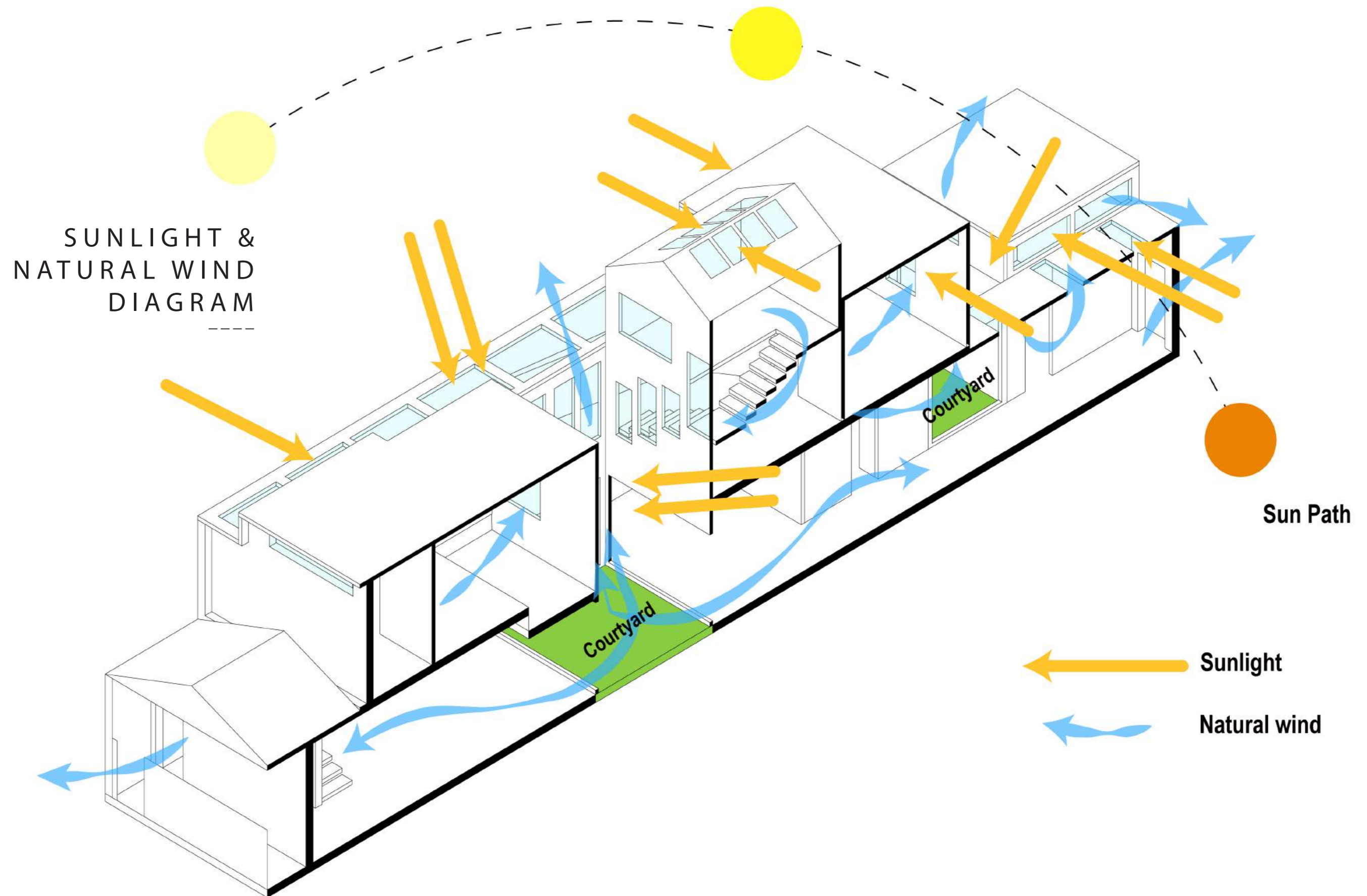


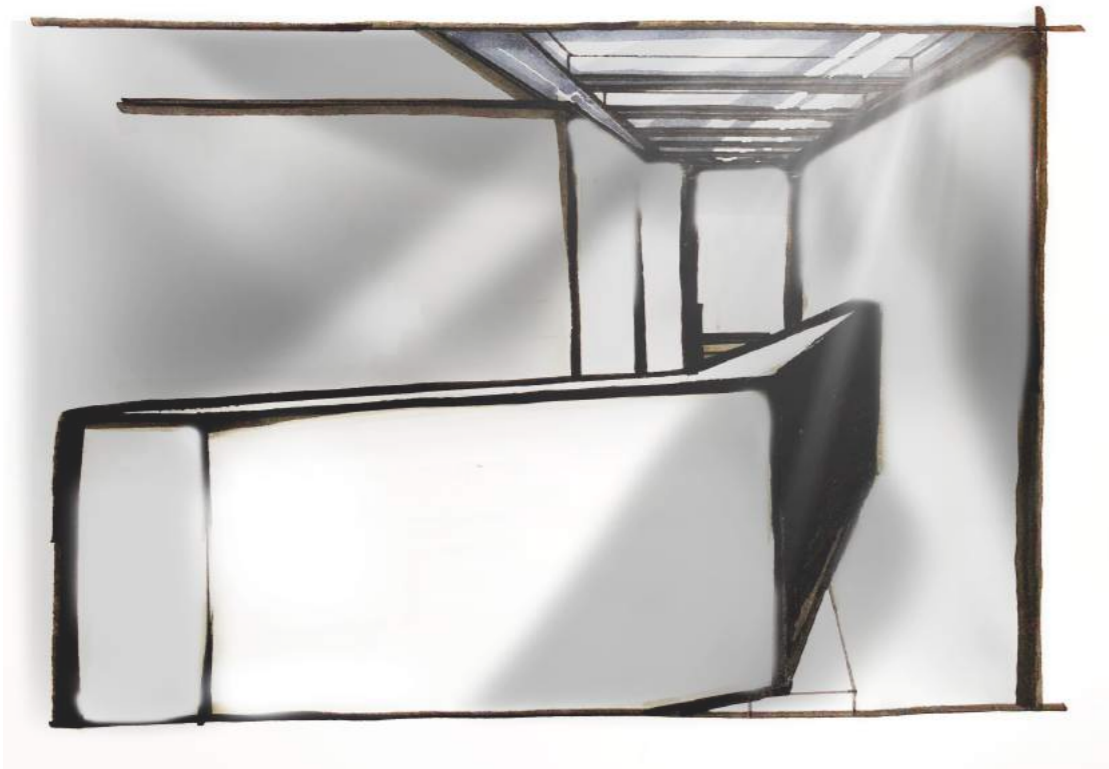
ADAPATATION SCENARIOS
OF THIRD 10 YEAR

ADAPTATION
SCENARIOS
PLANS



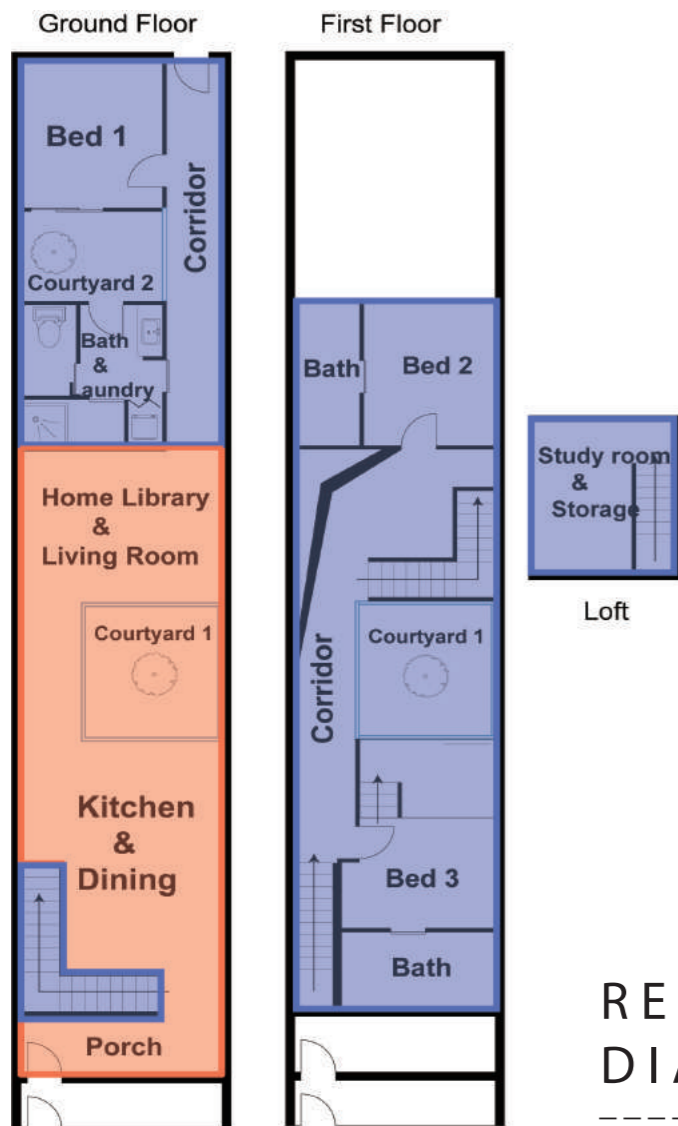
NEW PERSPECTIVE VIEW OF INTERIOR





LIVING HOUSE

PERSPECTIVE DRAWING
OF FIREST FLOOR
CORRIDOR



REGION
DIAGRAM

- Privacy/Quite region
- Public/Active region



PERFORATED METAL LINER
(FIREST FLOOR CORRIDOR)
COLLAGE



LIVING NEIGHBORHOOD

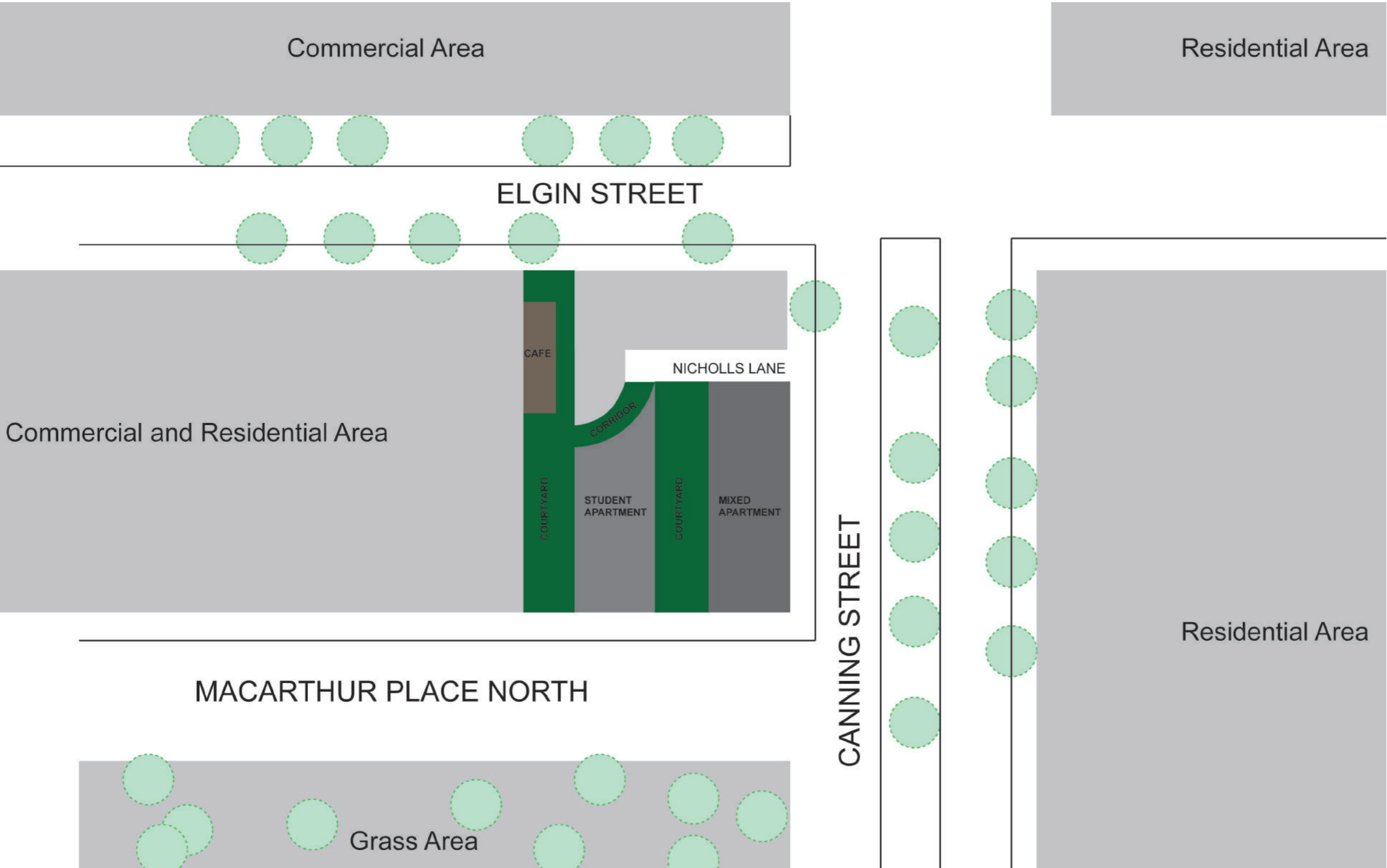
Environment & Civic system

The main concept of this design is courtyard. The ground center courtyard and arc-shaped green roof are the main greening share spaces in this design. The arc-shaped green roof is to extent the whole landscape and connect the center courtyard. It also can sperate two different function space (corworking space and cafe). Every units and apartment all have their own access to the public courtyard. There private courtyards at first floor, and for those private courtyard are decorated by various plants which can create vertical greening, and those plants can protect privacy and increase the affect of greening.



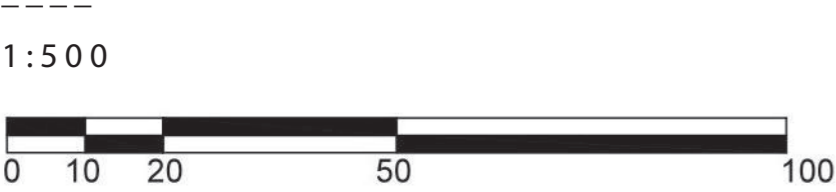
OLD VISION (week 9)

LIVING NEIGHBOURHOOD

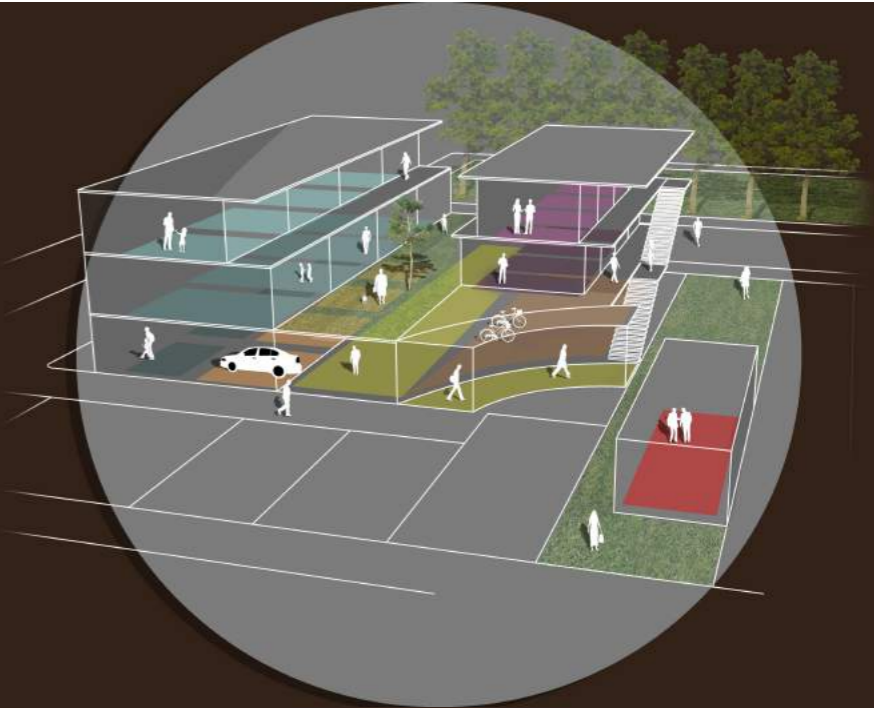
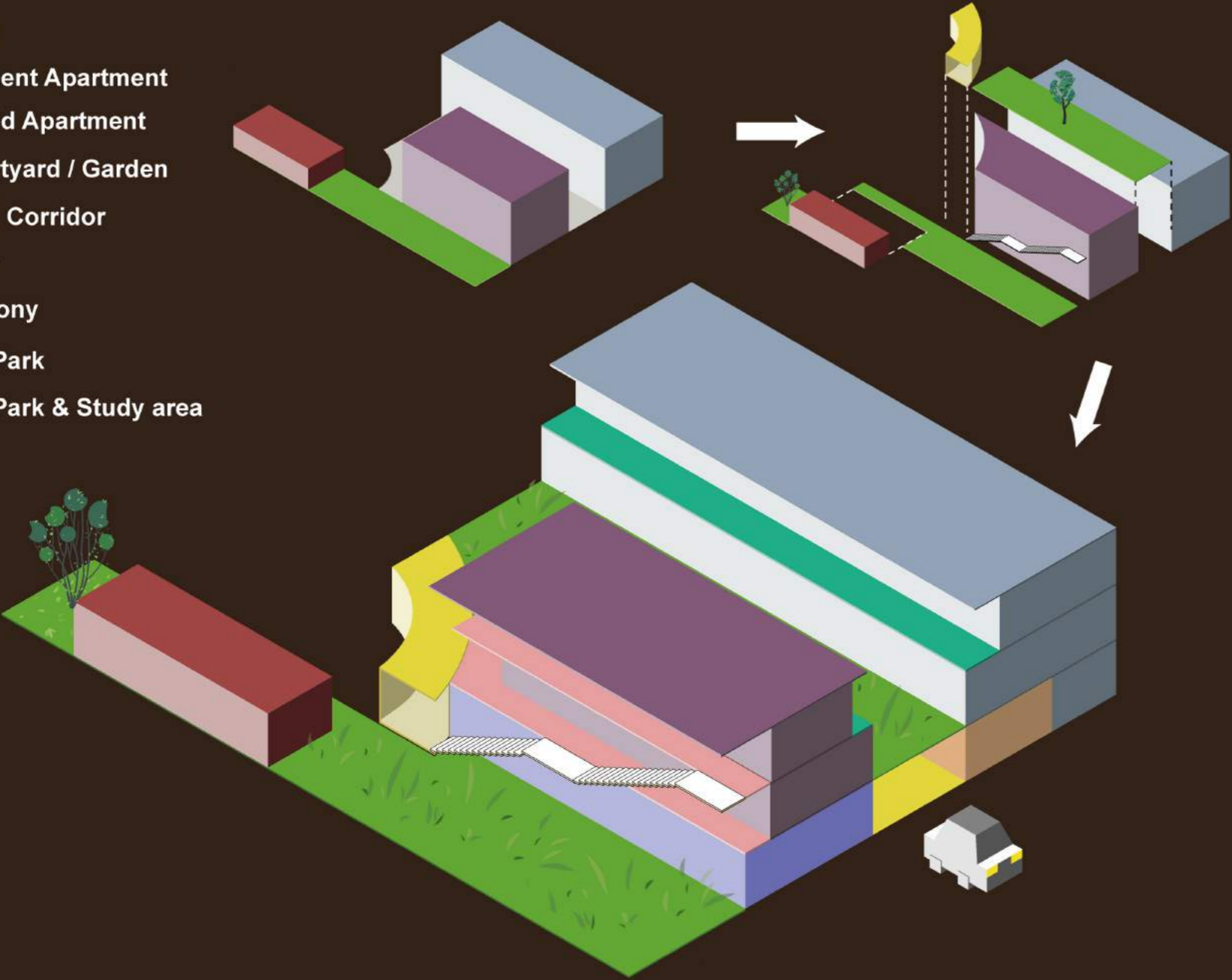


This vision is group work. Some of part of this design do not reflect the brief requirement, but in my final vision, I keep some space use concept from this group work, like student apartment space, working class people living space and cafe area.

SITING

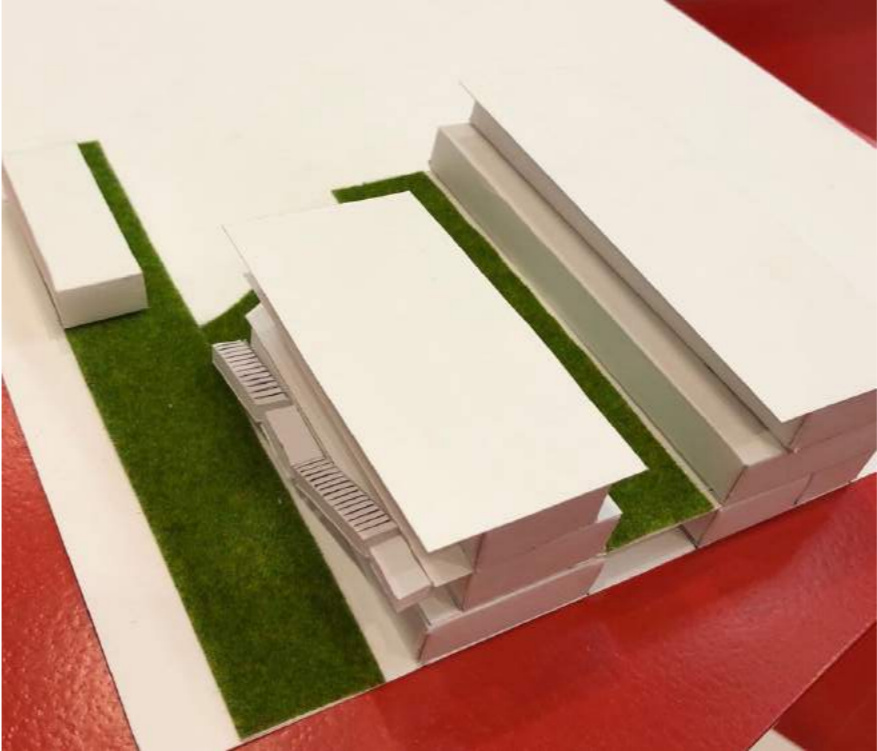
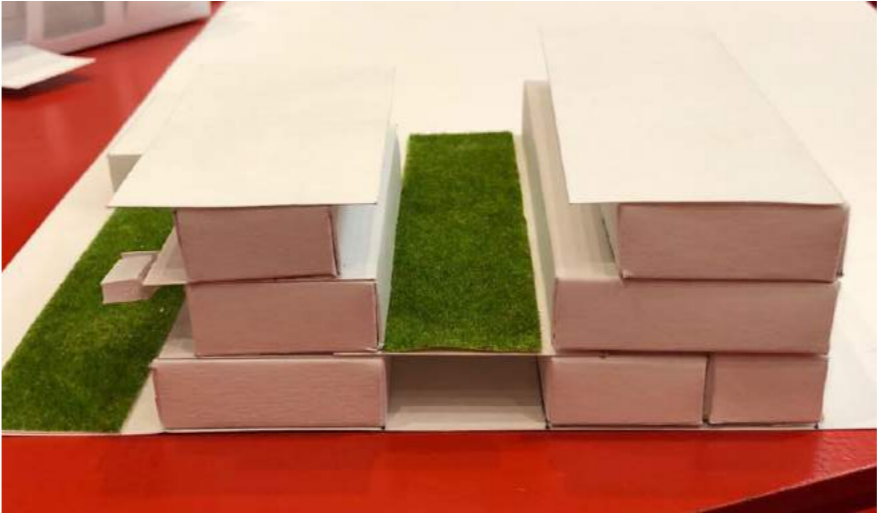
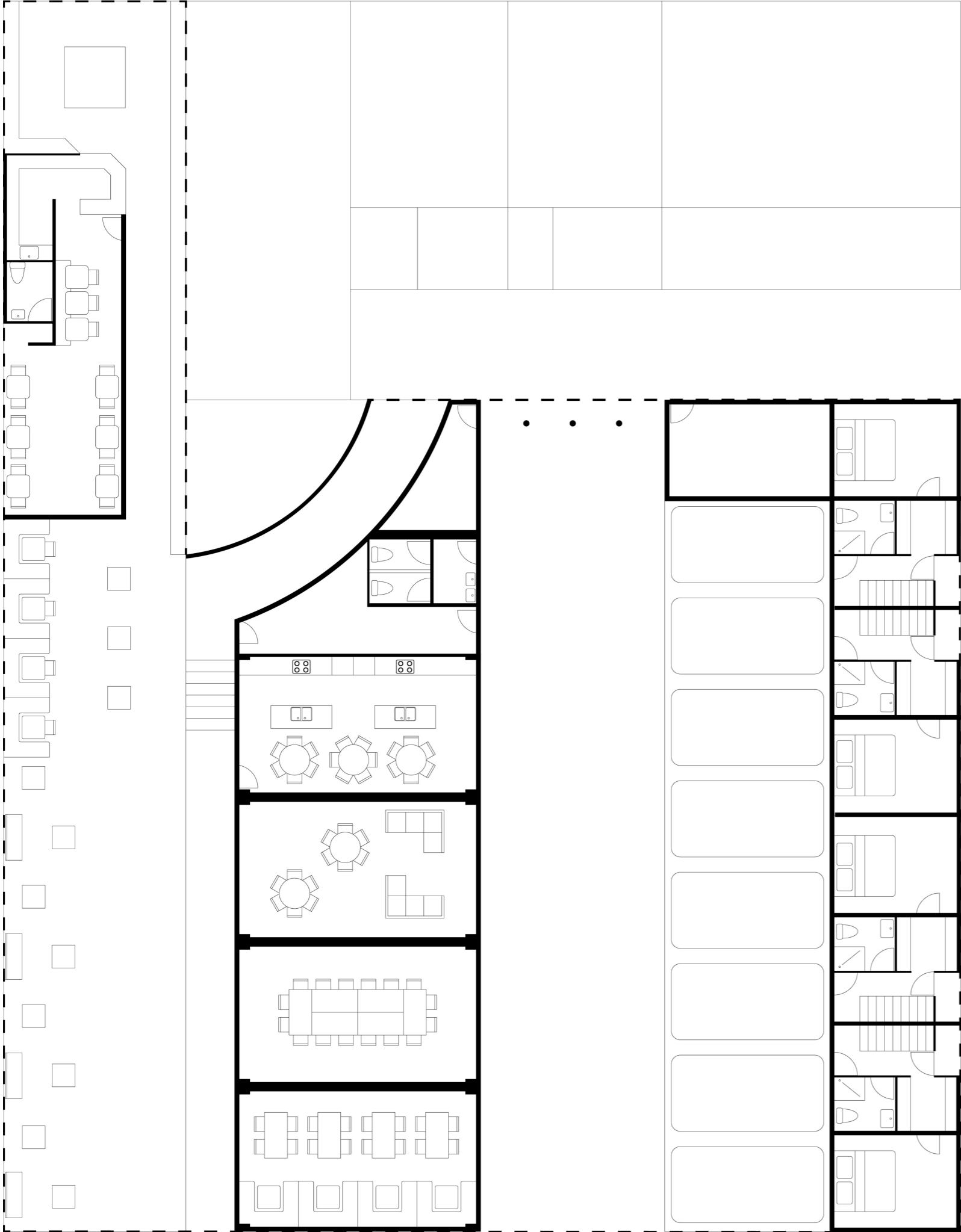


- Cafe
- Student Apartment
- Mixed Apartment
- Courtyard / Garden
- Corridor
- Stair
- Balcony
- Car Park
- Car Park & Study area



SPACE DIAGRAM

COLLAGE & INSPIRATION DIAGRAM



PHYSICAL
MODULE

GROUND
FLOOR
PLAN

1:50

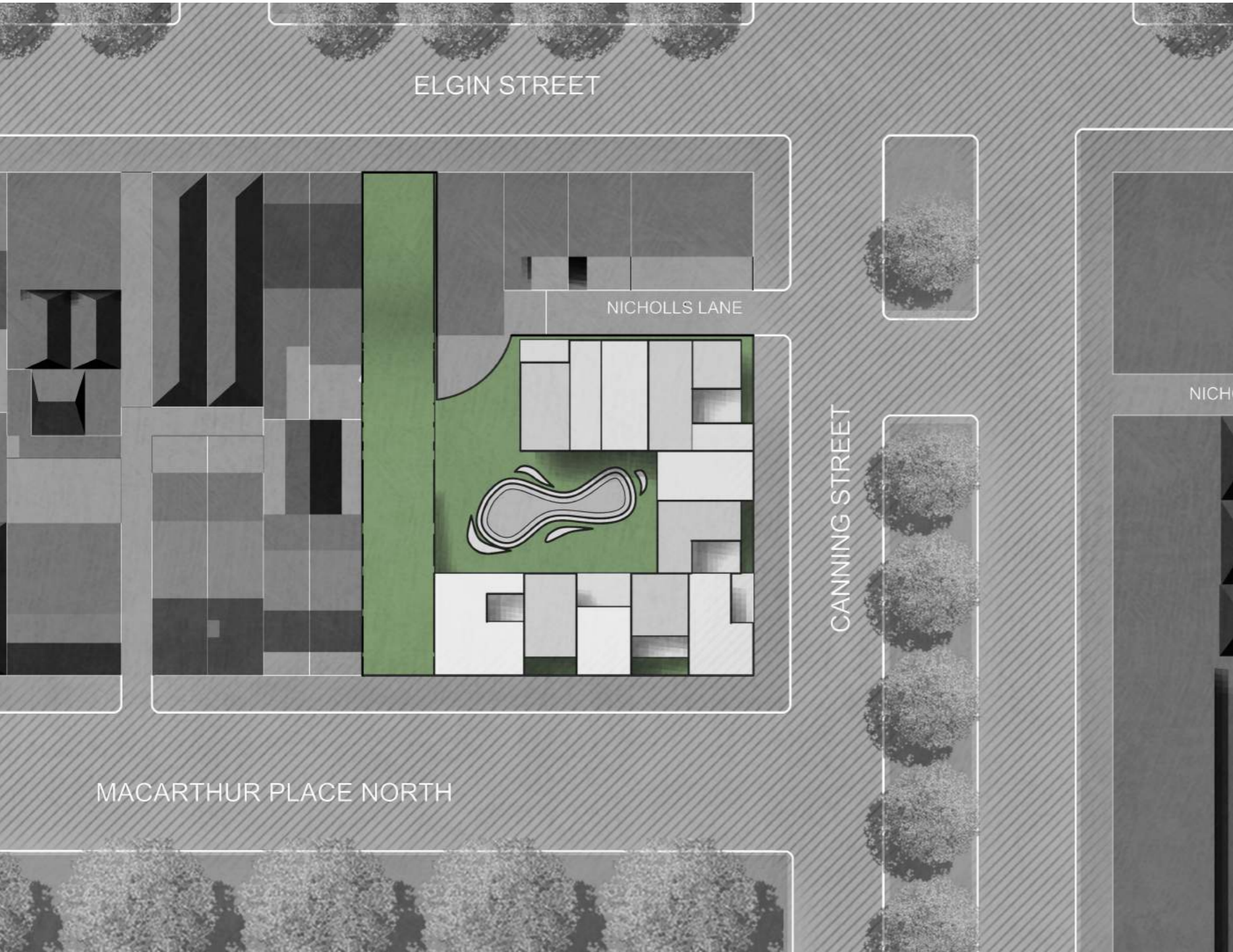


FINAL VISION (week 12)

LIVING NEIGHBOURHOOD

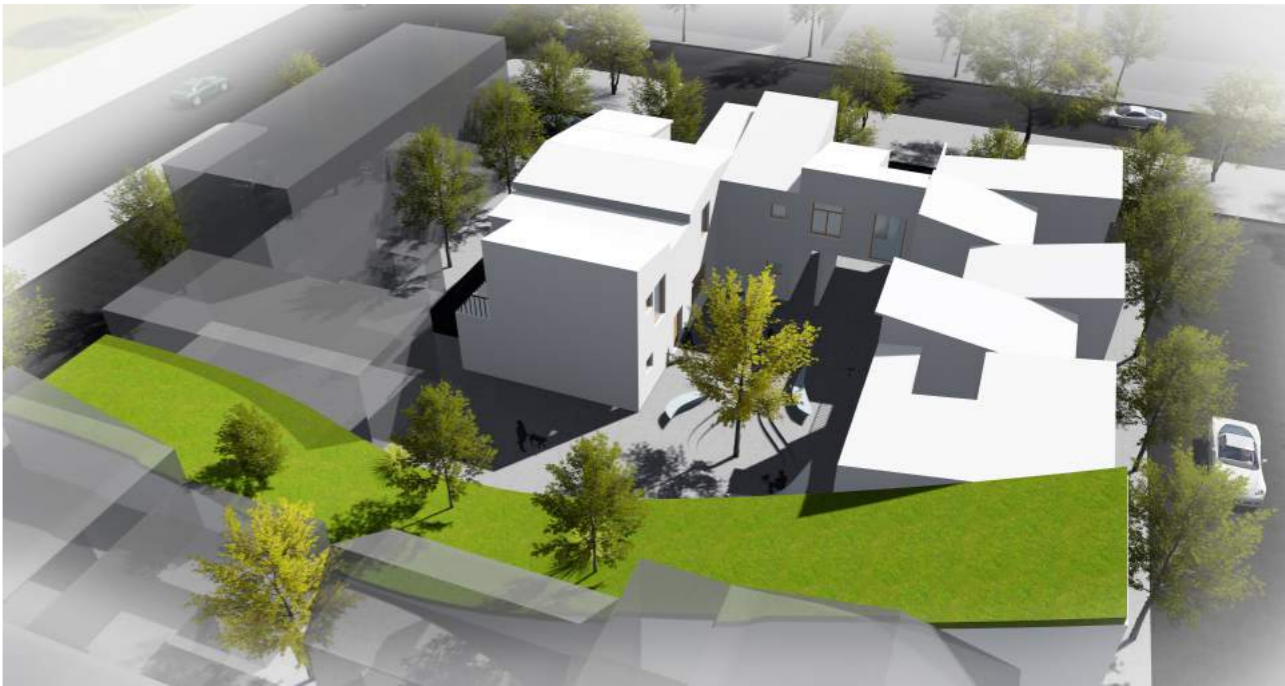


PERSPECTIVE VIEW



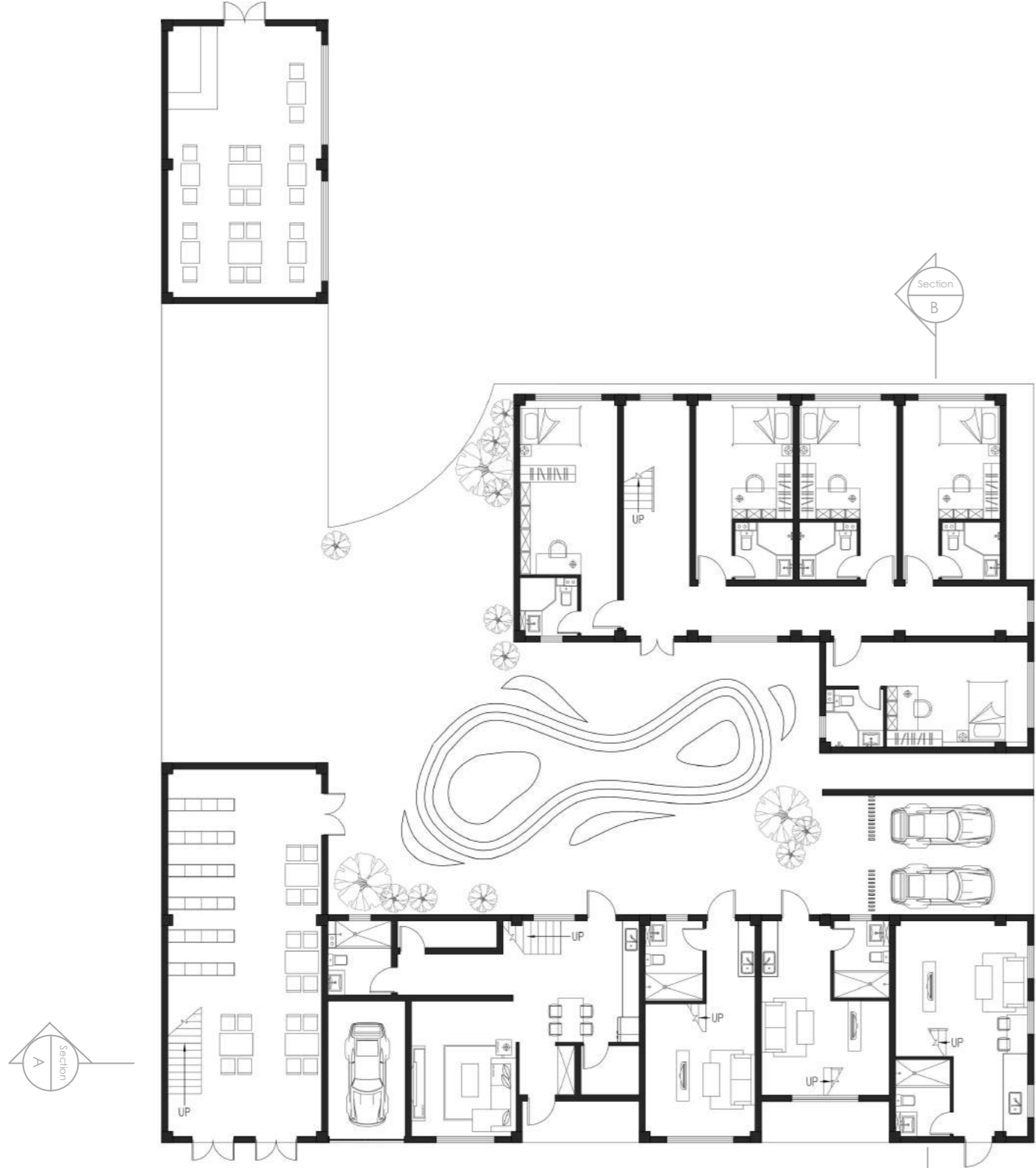
SITING

1:200

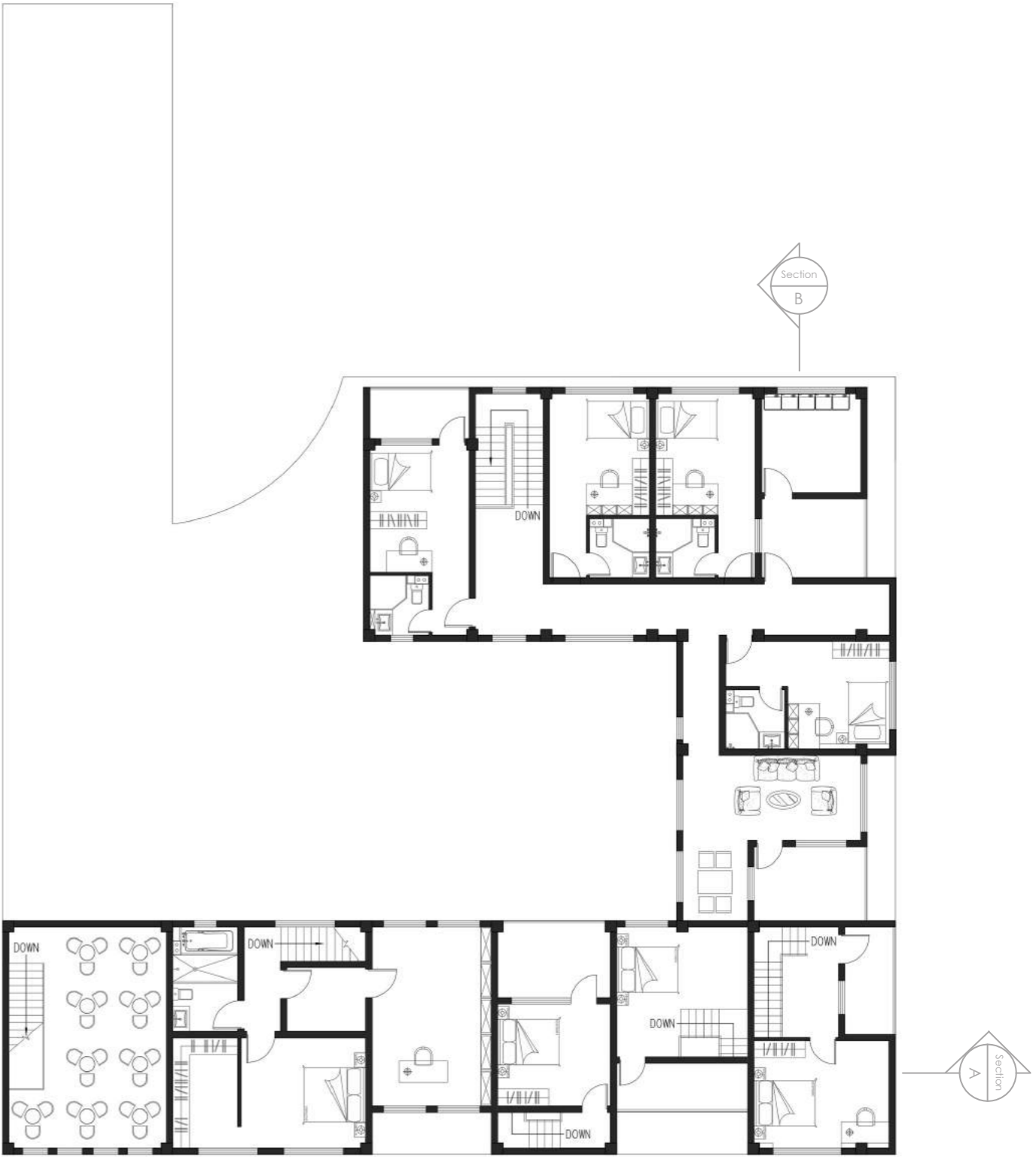


PERSPECTIVE VIEW

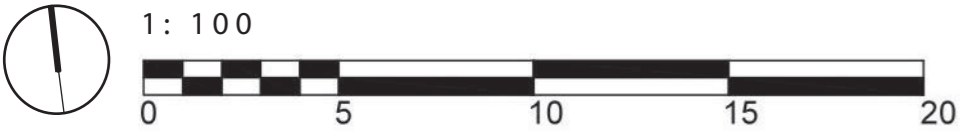




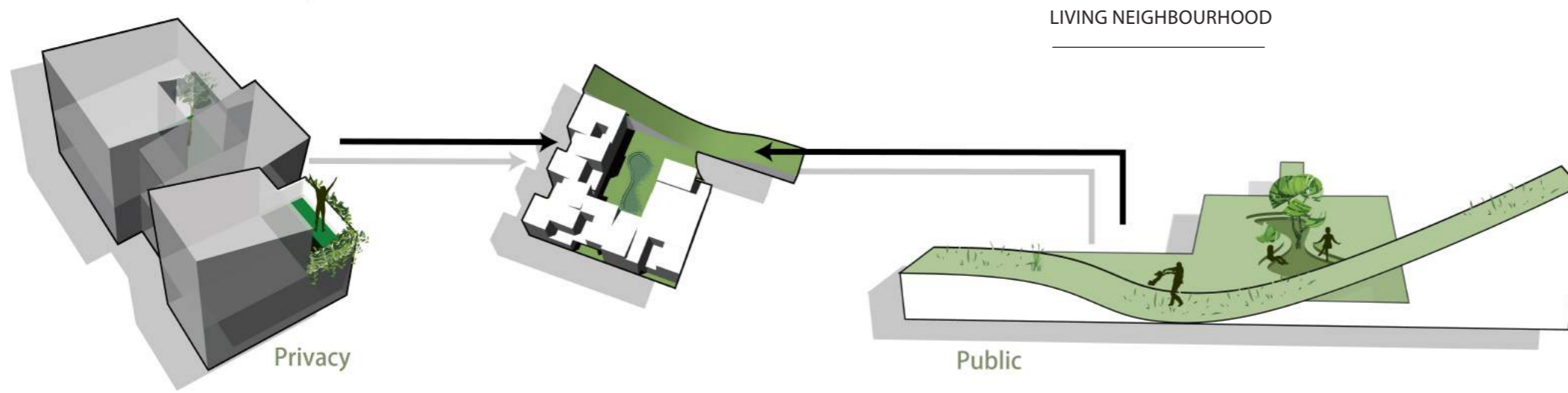
GROUND FLOOR PLAN



FIRST FLOOR PLAN







GREENING DIAGRAM



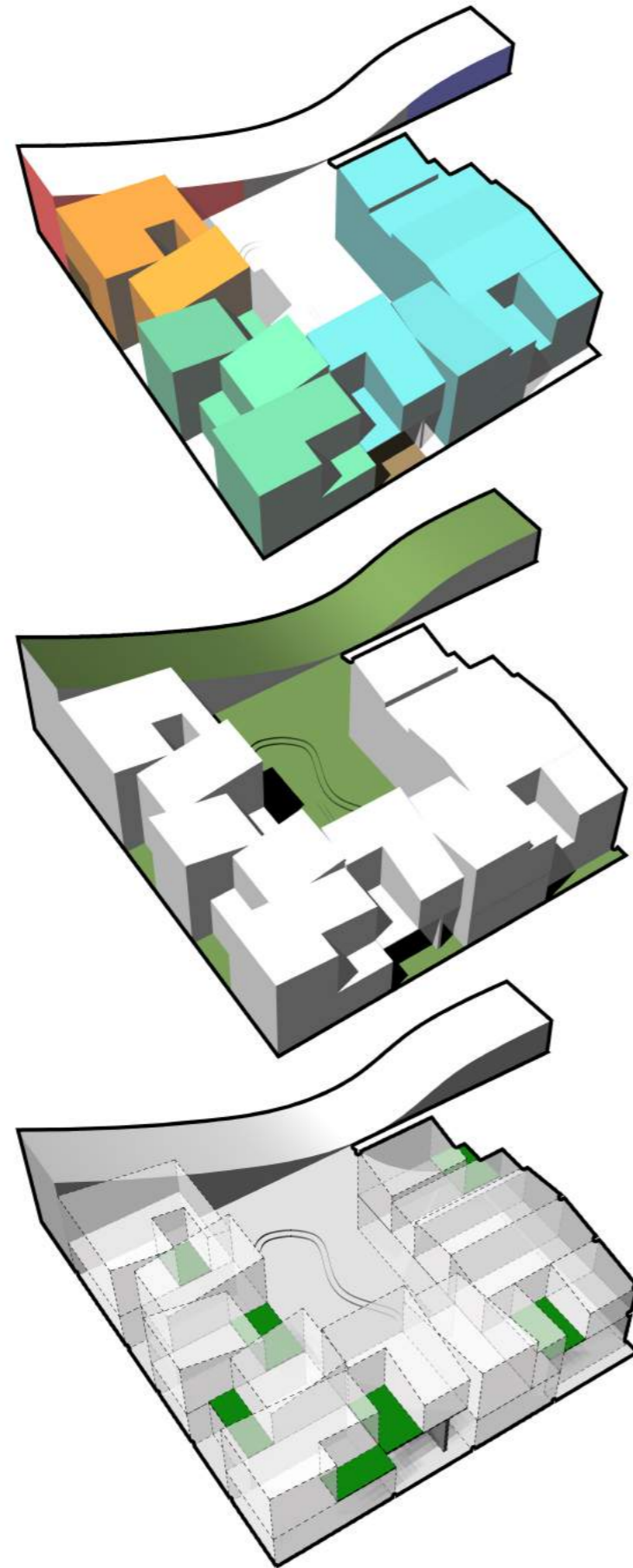
SITE PLAN



1: 100

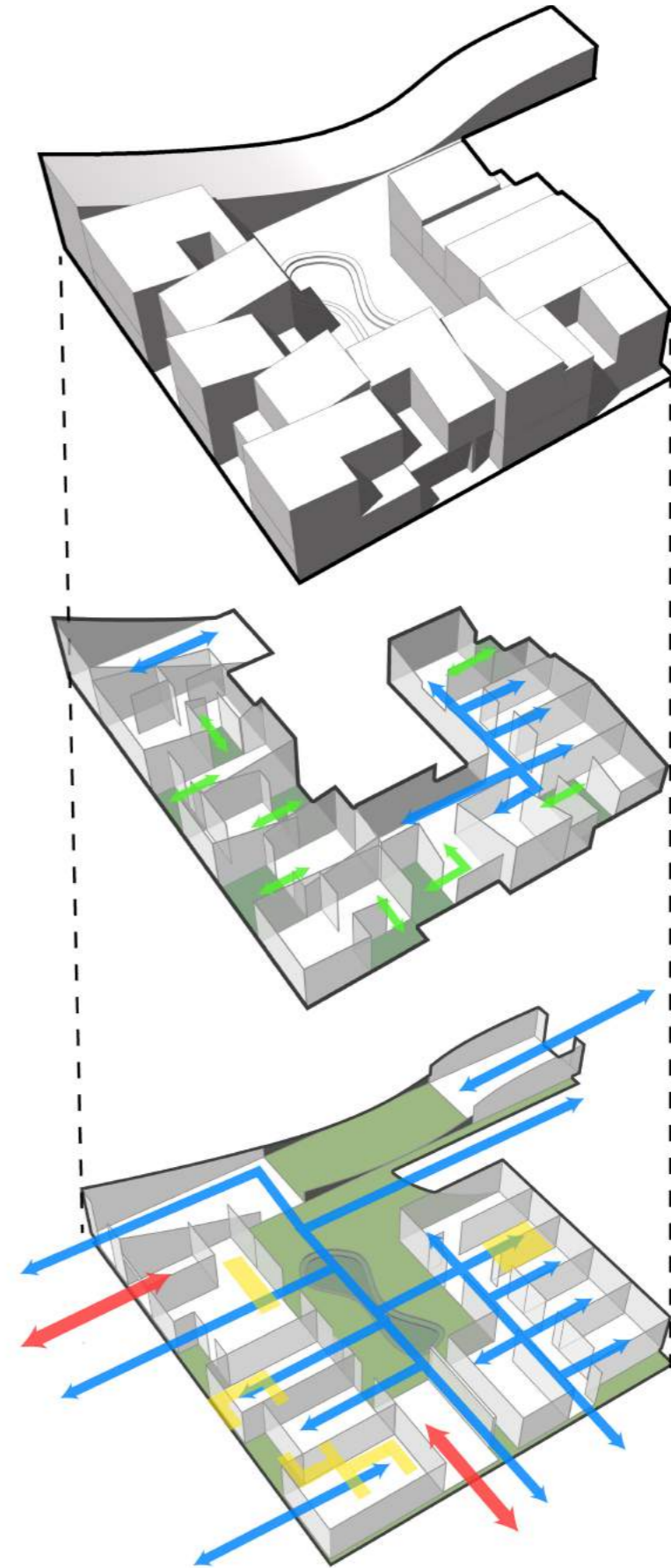


- Town house
- Reading & working Space
- Single Apartment
- Student Apartment
- Car Park
- Cafe
- Landscape
- Courtyard



SPACE DIAGRAM

- Car
- People
- Courtyard
- Stair



CIRCULATION DIAGRAM



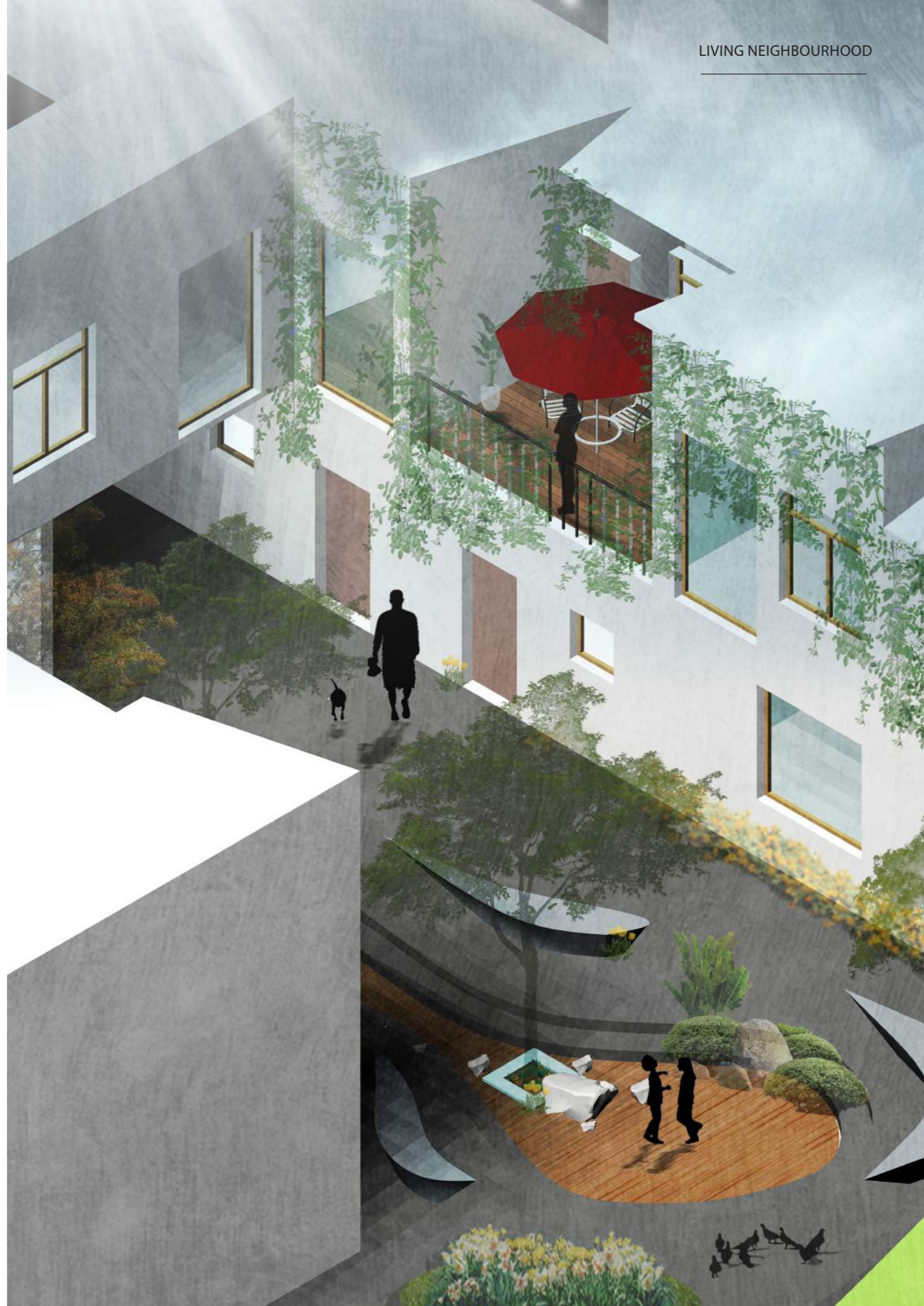
COLLAGE



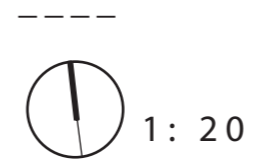
PERSPECTIVE VIEW



PERSPECTIVE VIEW OF CENTER PUBLIC COURTYARD



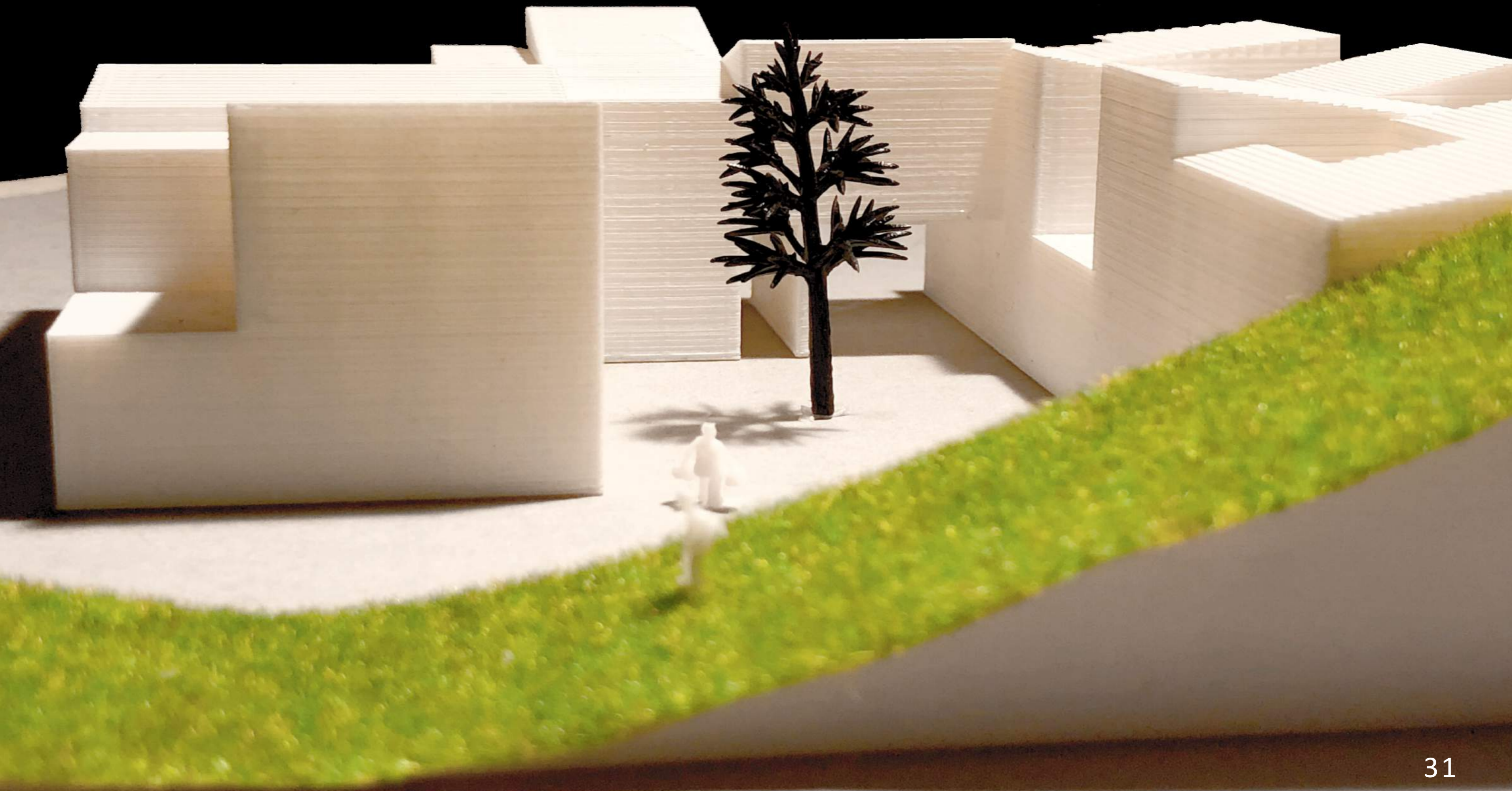
AXONOMETRIC











DESIGN PORTFOLIO