



PORTFOLIO
architecture
JAHANA SIREEN N

Profile

“ I think that making a space well designed can make peoples' lives better, that's why every new project is like a personal challenge for me,and i always try to create the best i can do.

Im a highly motivated expert in Architecture with keen eye for details.

Currently looking to obtain an Architectural Designer position with a progressive organisation were my skills will be fully utilized.

”

Contact

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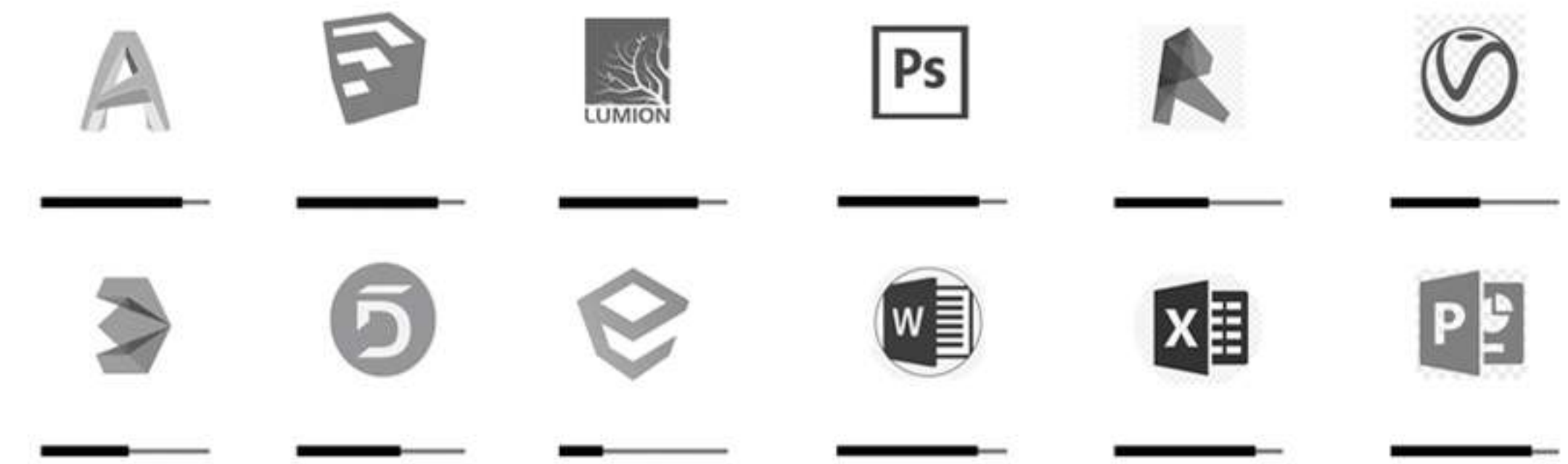
History

2023-2022	2022-2021	2022-2017	2017-2015
Junior Architect	Intern Architect	B.Arch	Higher Secondary Education
ArchiArt Architectural concept Kerala,India	MM Architects Kerala,India	University Of Calicut Kerala,India	Bhabha Public School Kerala,India

Languages

	English	Malayalam	Arabic	Hindi	Tamil
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Speaking	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Listening	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Software Skills



Certifications and Recognition

B.Arch	COA	Documentation	Documentation	Trophy
5 year degree in Bachelor of Architecture (2017-2022)	Licensed as an architect from COA 1972 Act in 2023	Post disaster assessment of great flood in India,(2018)	Settlement documentation at Ponnani,Kerala	Participated in ZONASA Fashion trophy (2019)

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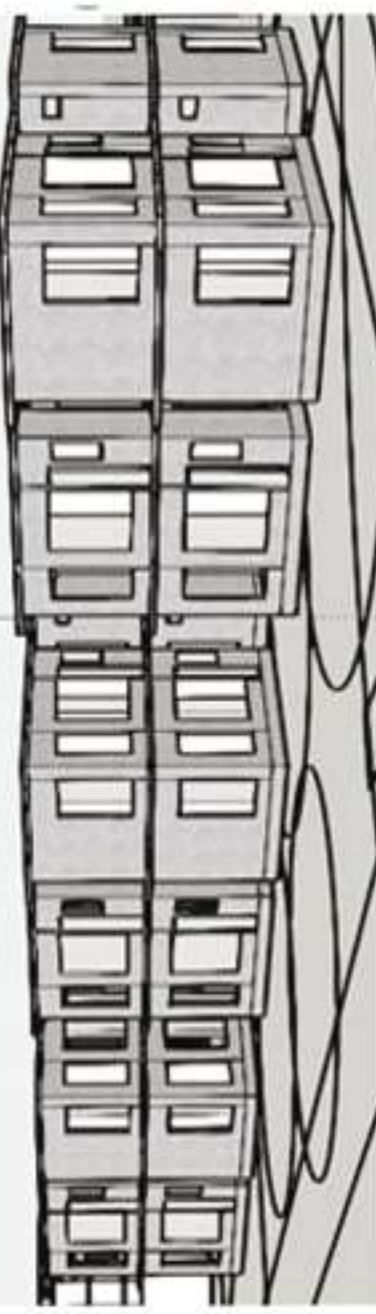
01 Aviation Academy Kalaburagi, Karnataka (Thesis Project)



02 Residential Project, Kerala



03 Housing for All (semester 7 project)



04 Library MES Mampad College, Kerala



AVIATION ACADEMY, KALABURAGI

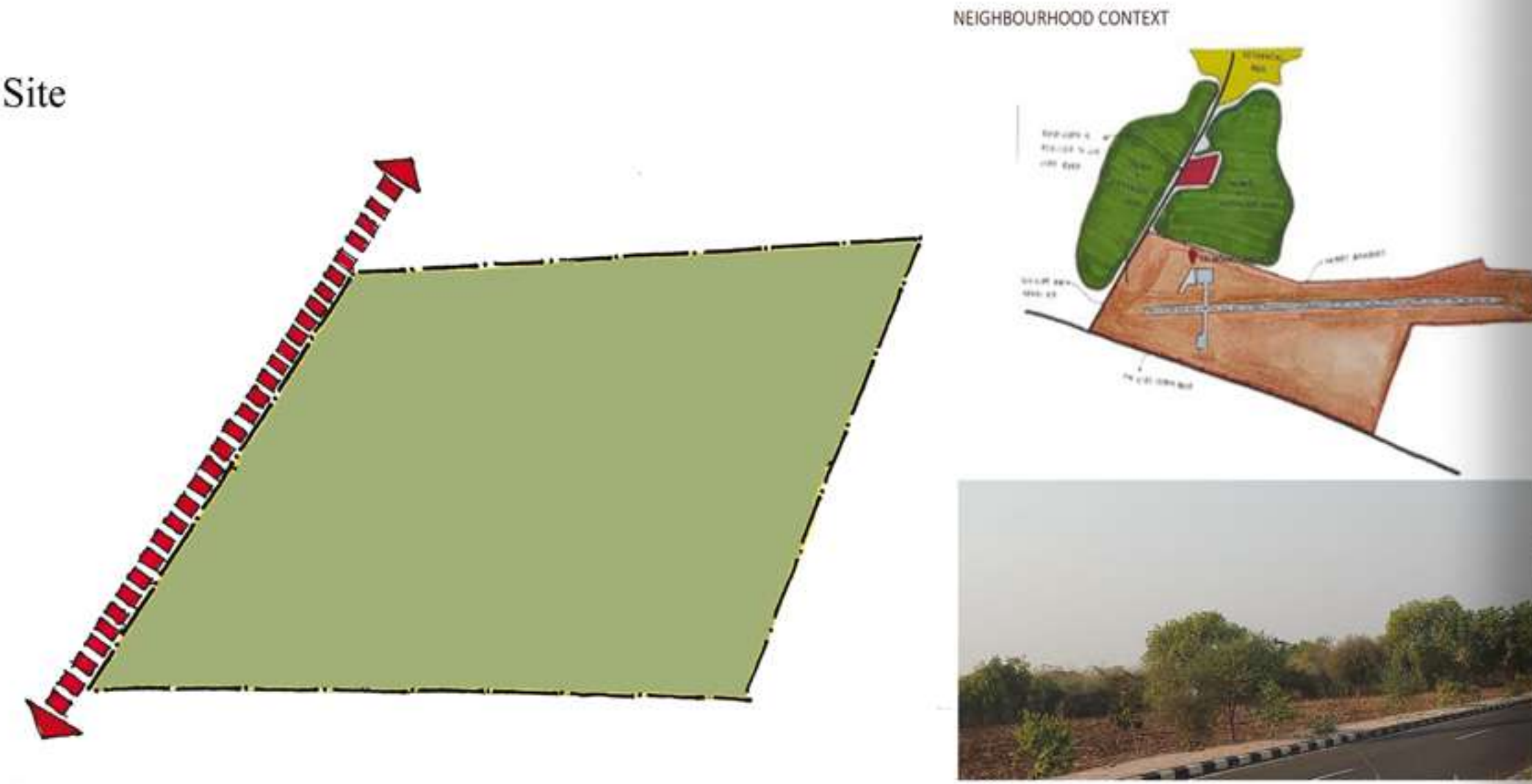


About the project

This project is taken as my thesis project in my Architecture course.The project is entitled to be “Aviation Academy: a flying school” . The project is a flying school and learning, skill development institute for people in the aviation sector to meet the high demands of human resources in the aviation industry. A project that creates an interest in aviation in youths for future and sustainability of the aviation system in Karnataka.

Aviation academy is an educational establishment responsible for the training and development of the personnel in the aviation sector. The academy encompasses the teaching of a variety of skills related to aviation and related subjects. Aviation industry covers a range of courses from pilot, cabin crew training to ground staff, to ticket management, to aviation training.

Site



Site location

In Kalaburagi Airport,Karnataka. The site is selected within the compound of Kalaburagi airport, Karnataka.

The airport authority of India (AAI) has already proposed an aviation academy in this area.Kalaburagi Airport(IATA:GBI, ICAO:VOGB) is a public airport located 12 km east of Gulbarga in Karnataka,India

The airport was built by the karnataka State Public Works Department (PWD)with technical assistance from RITES limited and is operated by the Airport Authority of India (AAI).The airport was inaugurated on 22 November 2019and it began commercial operations on the same day.

Site Analysis

- >The topography of the site is flat.
- >There is no much vegetation.
- >Loamy soil.
- >The place is having hot climate almost all month of the year.
- >Less amount of rainfall even during monsoon season.
- >Highly restricted area .
- >There is no much buildings nearby, the only building is airport building.
- >The height of the nearby buildings are restricted.

Requirements

- Flight School (SPL to CPL)
- Training- Air hostess/ Steward
- Education centre- classrooms, library, labs
- Hanger
- Accommodation- Hostels
- Offices and management areas
- Runway suitable for flight school
- Simulators
- Air Traffic Control (ATC) Tower
- Display galleries

Design concept

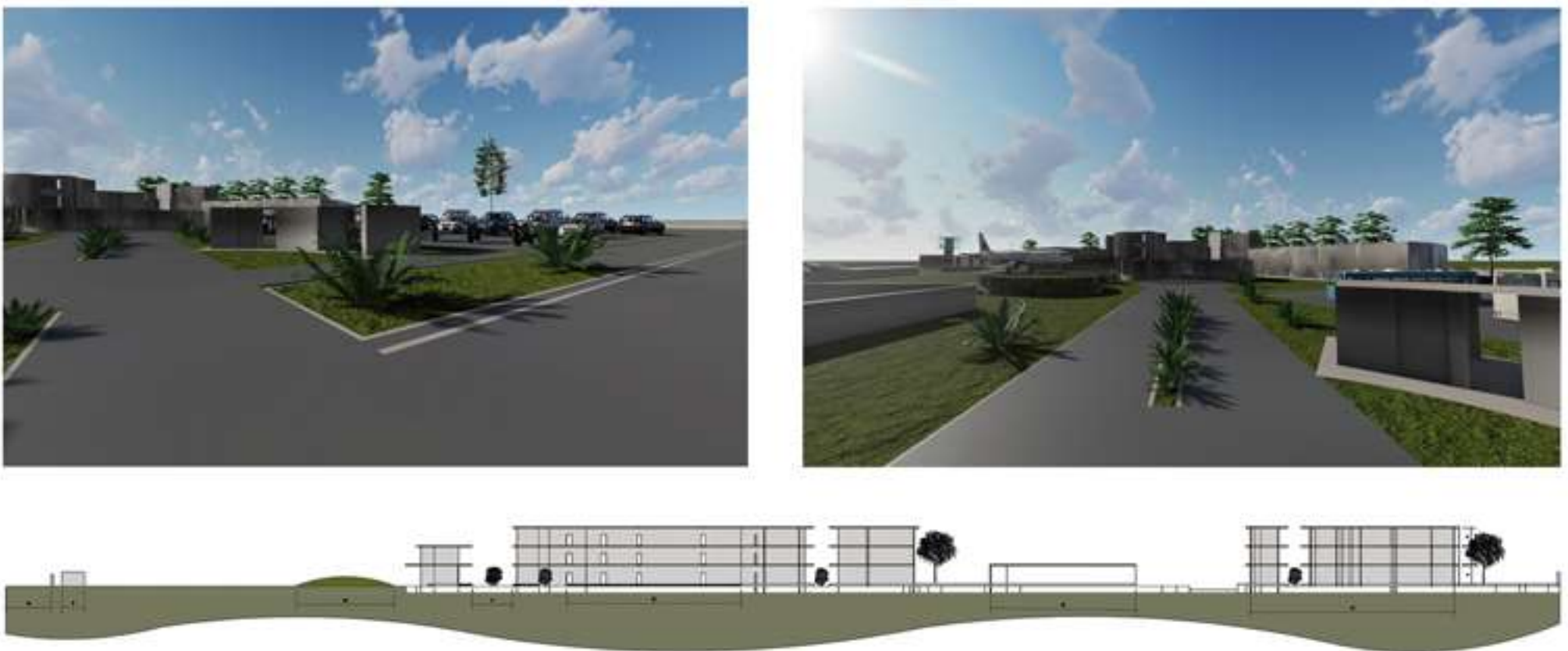
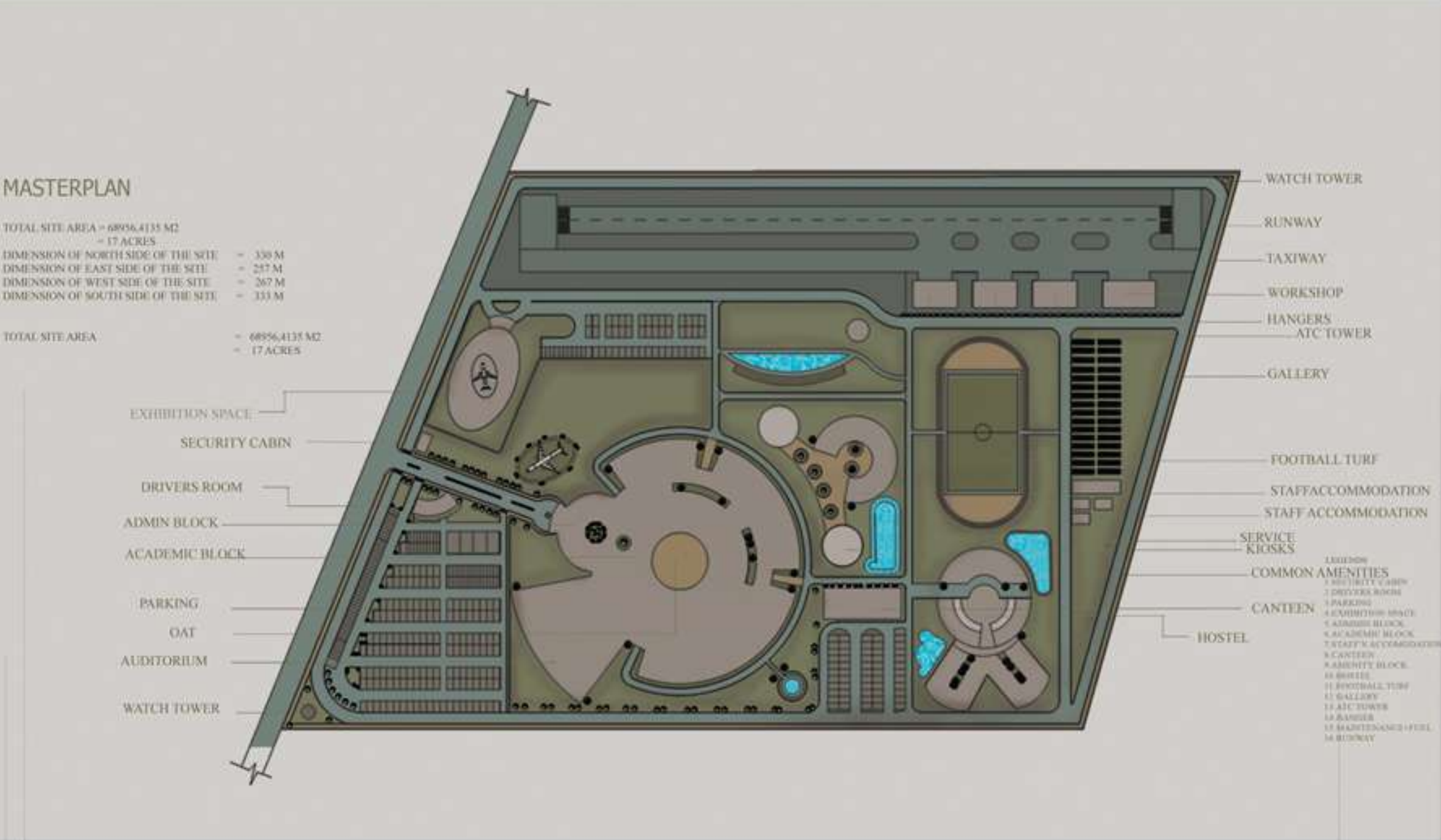
A plane may be considered as an infinitr set of points forming a connected flat surface extending infinitely far in all directions .

Though a point at infinity is considered on par with any other point of a projective range, in the representation of points with projective cordinates distinction is noted ; finite points are represented as 1 in the final cordinate while a point at infinity has a 0 there.



infinity is endless and therefore cannot be reached , thus the expression to the infinity would simply represent limitless possibilities.

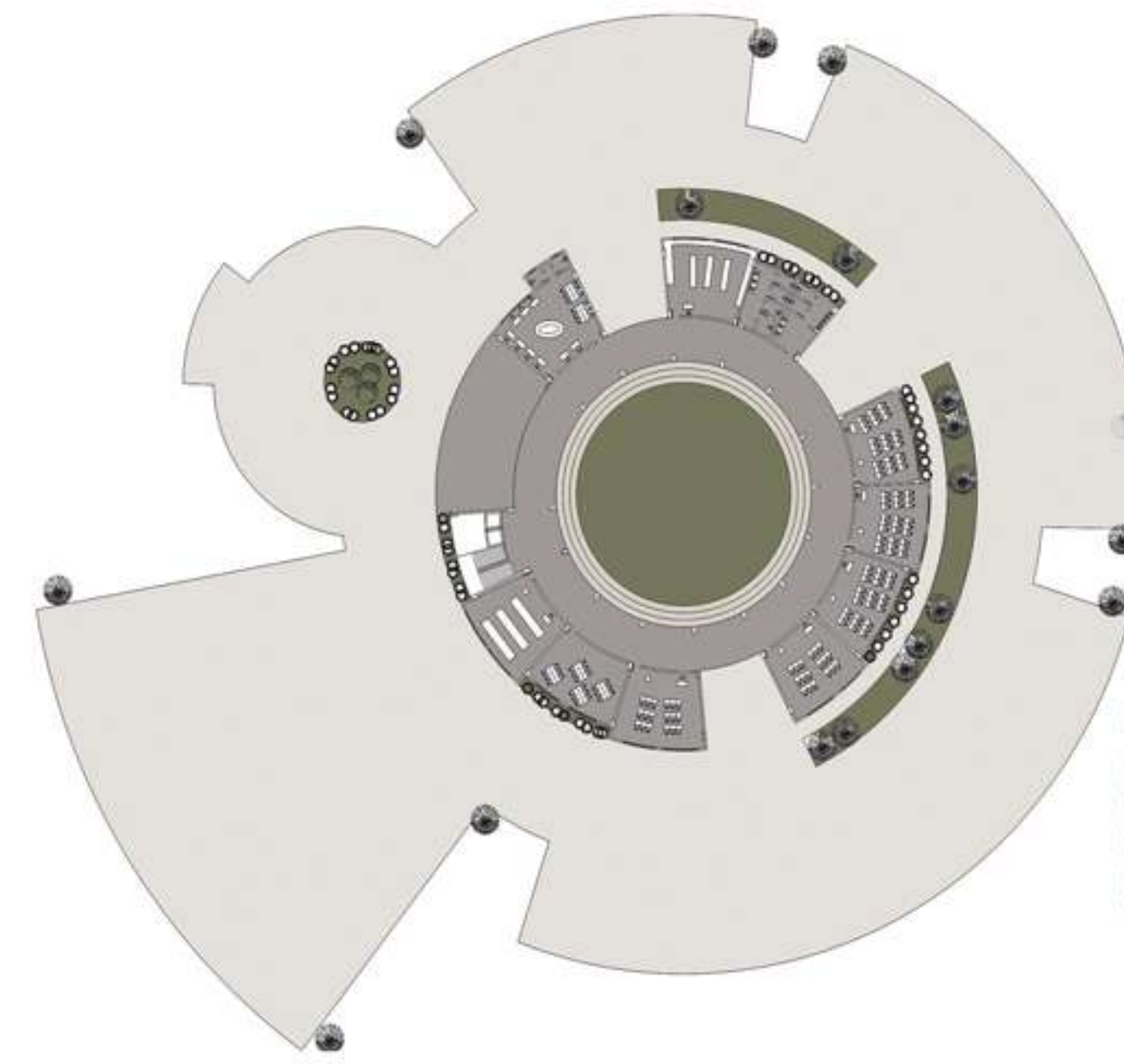
Here the ideology behind th form is inspired from the symbol of infinity.



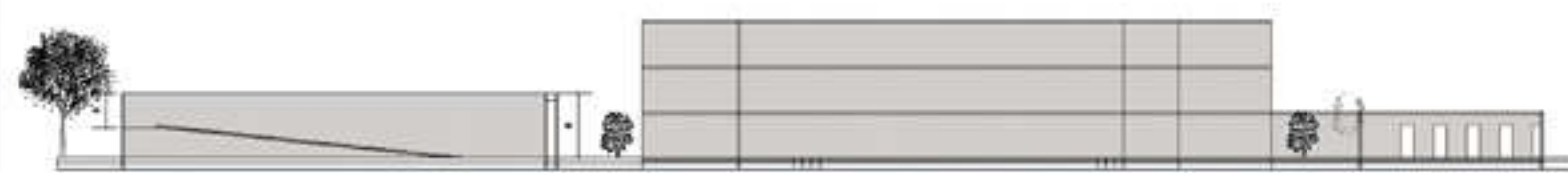
Academic block



Ground floor



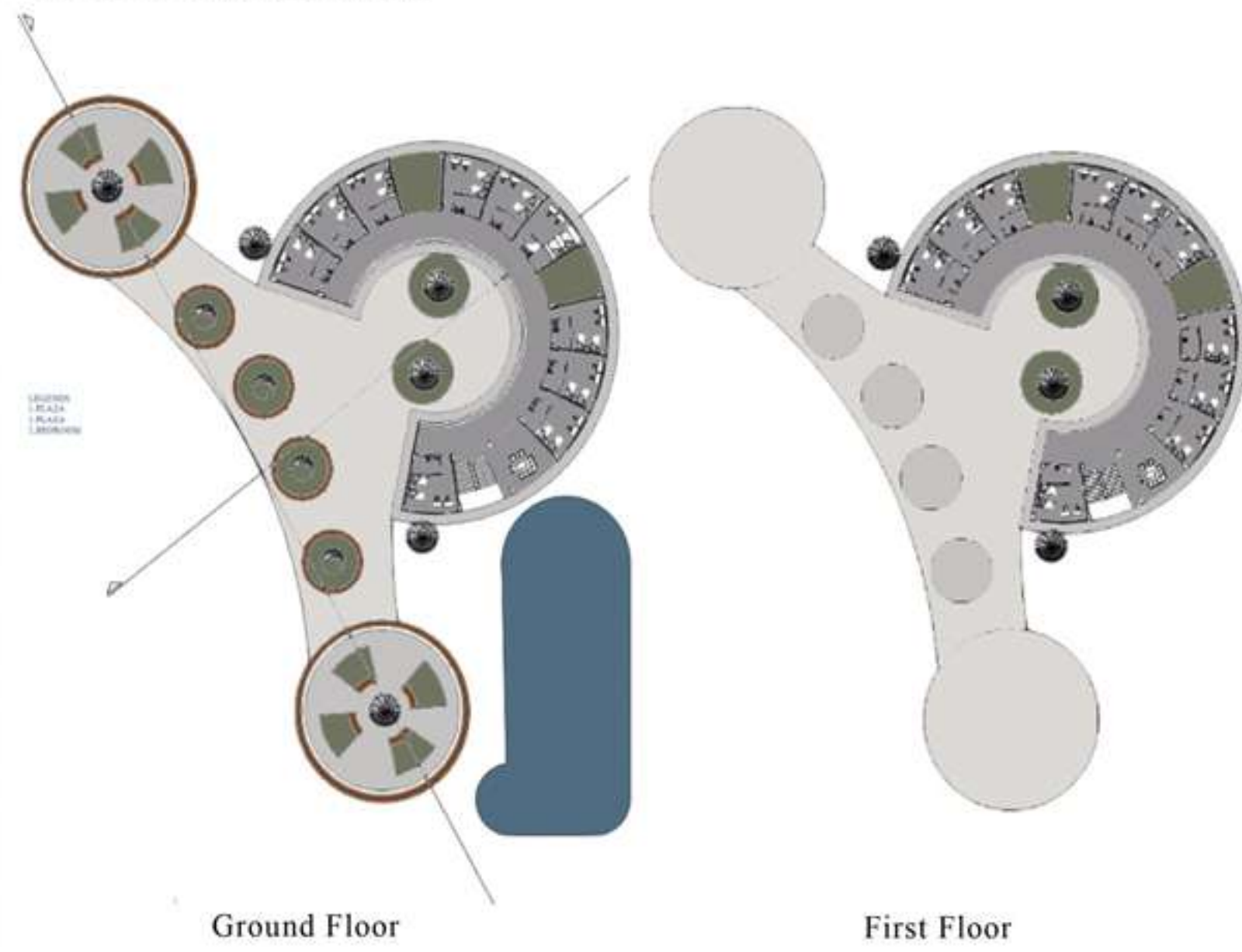
First floor



- LEGEND
- 1. STAFF ROOM
 - 2. LAB
 - 3. WASHROOM (GIRLS)
 - 4. WASHROOM (BOYS)
 - 5. CLASSROOM
 - 6. CLASSROOM
 - 7. CLASSROOM
 - 8. CLASSROOM
 - 9. CLASSROOM
 - 10. MEETING ROOM
 - 11. LAB

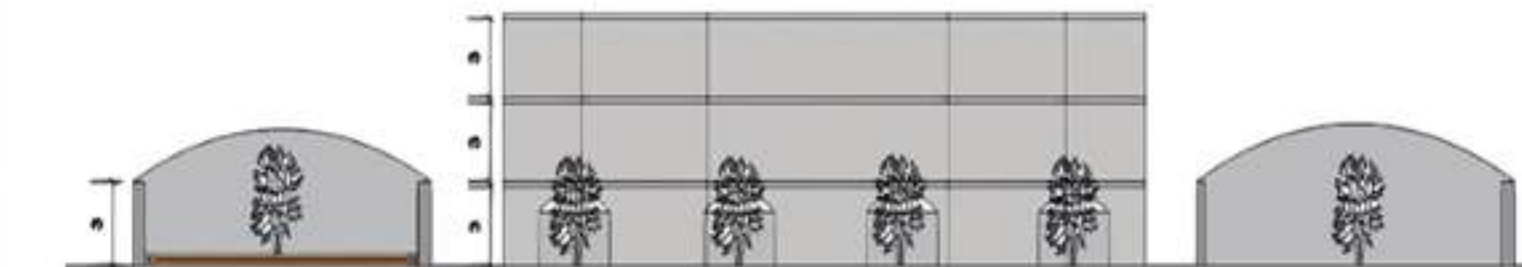


Staff Accommodation

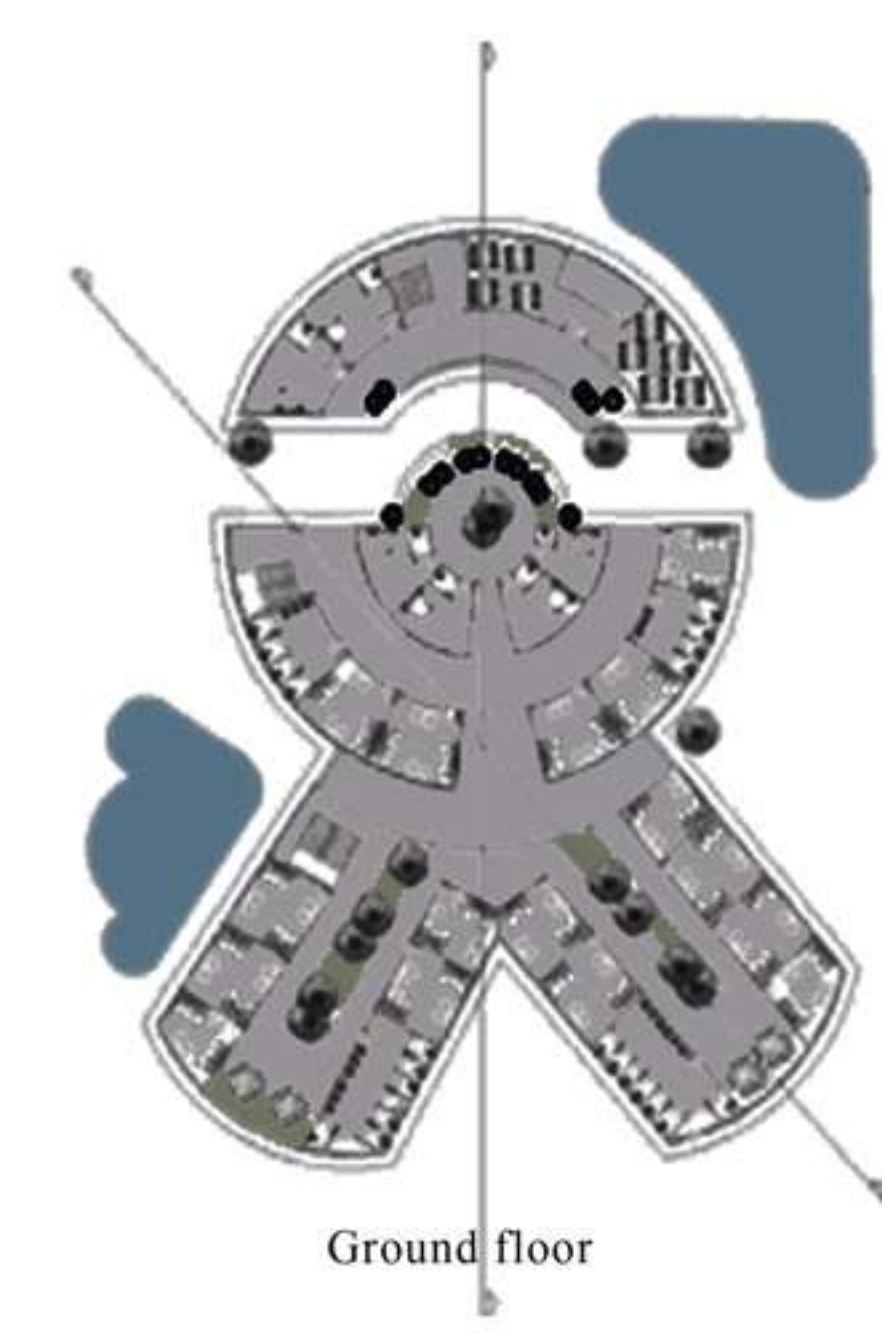


Ground Floor

First Floor



Hostel and Common Amenities



Ground floor



GITLER RESIDENCE,KERALA



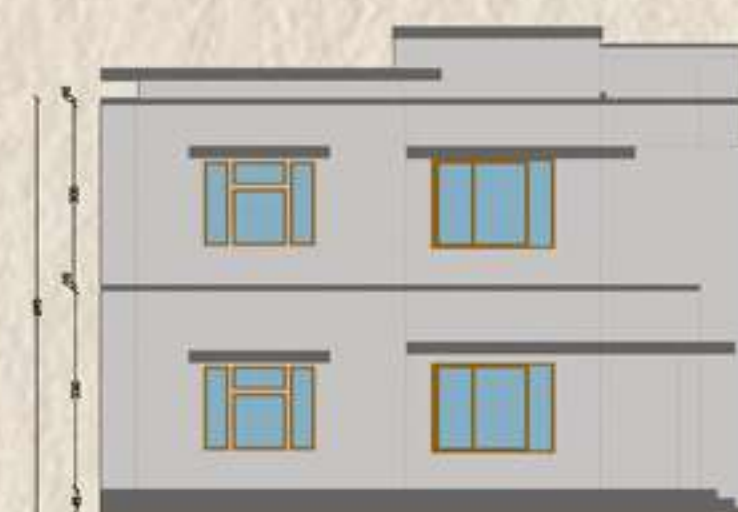
Ground Floor



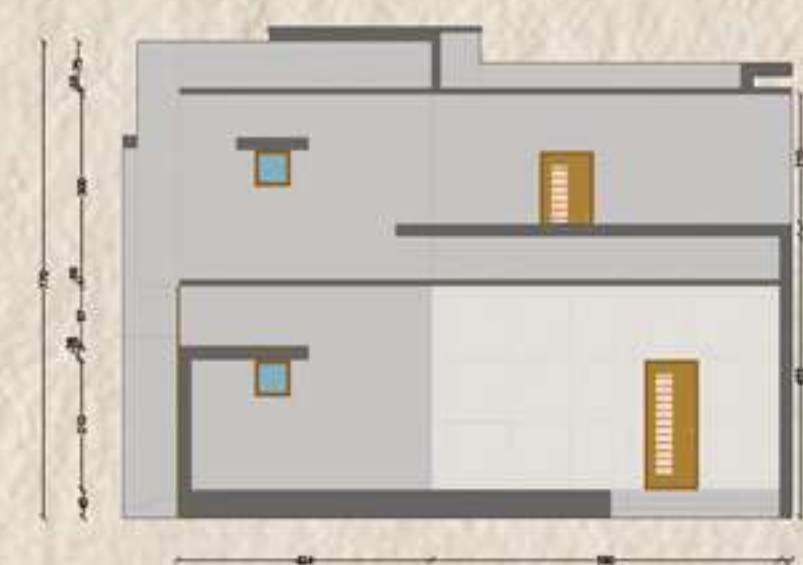
First Floor



Front Elevation



Left Elevation

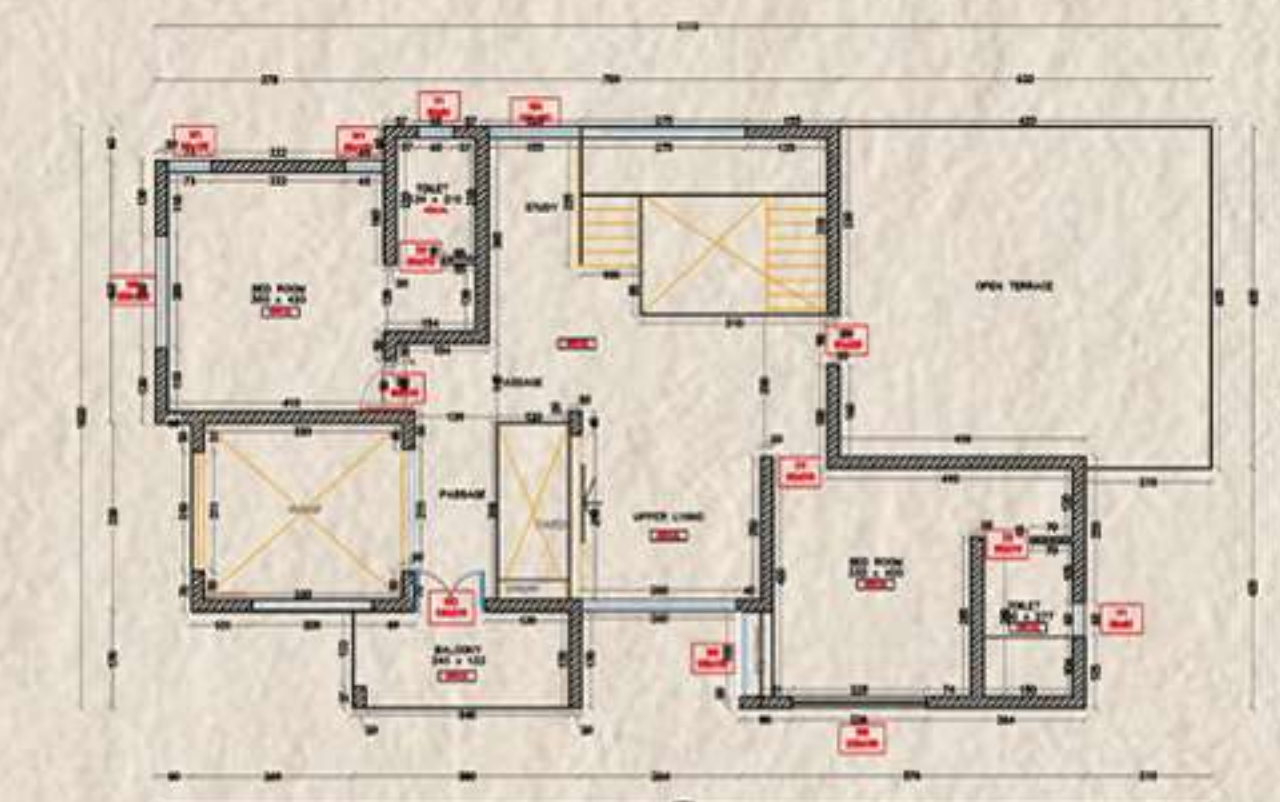
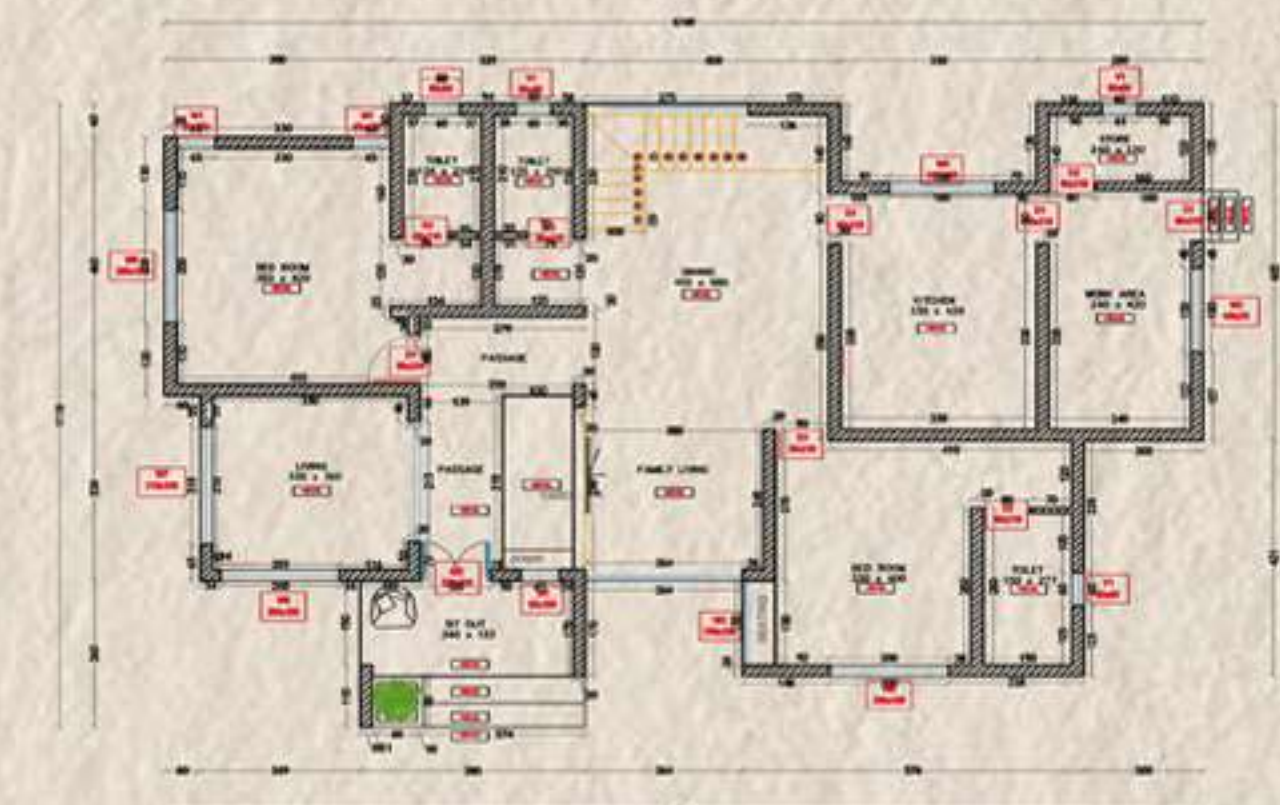


Right Elevation

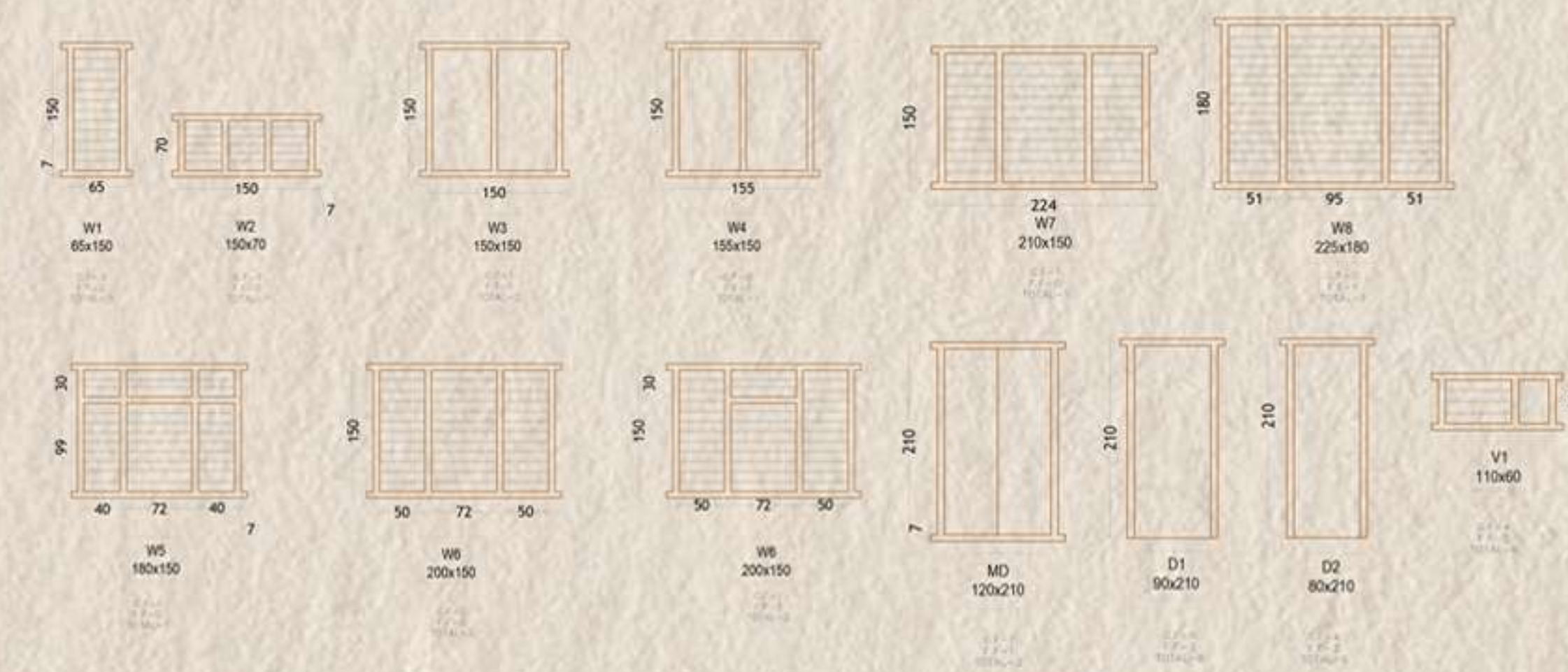


Section

Working and wooden drawing



Joinery details



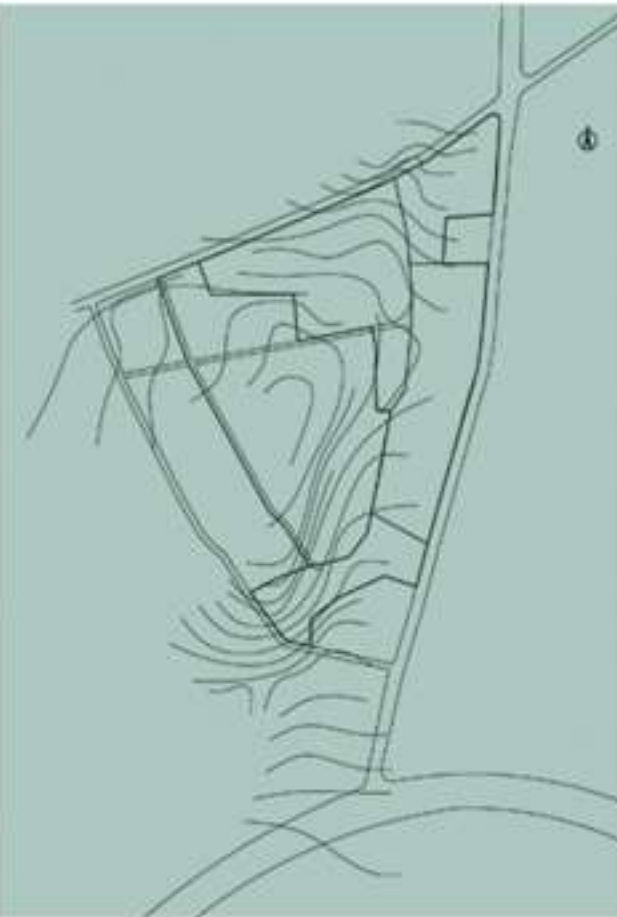
HOUSING FOR ALL

Aim of the study

To design a residential complex for 220 families at Kalamassery providing all modern facilities addressing the healthcare,educational and recreational needs of the residents also to develop a social housing system which is sustainable and energy efficient.

Site

The proposed site is located in Eloor, Kalamassery, India. Kalamassery is a major industrial region of the city of Kochi.



Site area	Natural features
Total plot area = 24.28 acres.	Topography
Proposed plot area =14.69 acres	-Laterite soil
	-The site has a slight slope towards the east.
Neighbourhood context	Man made features
Nearby buildings are:	There are some existing buildings like HIL
-Kerala state industrial enterprise	fertiliser store.,club house ,fire station,educational
-BSES Kerala power ltd.	institution
-ESIC hospital	
-Eloor municipality govt.school	
-MES school	

Circulation

- There are three entries to the site
- Primary road 1-12m wide.
 - Secondary road 2-9 m wide
 - Internal road 4-5 m wide

Project requirement

- Residential spaces for 220 families
(LIG,MIG,HIG)
- Health care facilities
- public study halls and library
- Community hall
- Club house
- Day care centre for kids
- Day care centre for olds
- Public Grden
- Recreation space
- public toilets

Zoning



Concept

When understanding housing as aconcept related to habitat, its location must give access to infrastructure and basic hygiene services, like being close to schools, shopping areas, health centre, leisure and social equipment, thinking about the heterogenity of the demanding families and the guarantee of a satisfactory performance of the housing,the project should differ on sizes; considering location,materials and labour quality.

Thus the focus of this housing project will be making sustainable design based on the design demands for a comfortable indoor climate. Concept is completely based according to the site condition also considering the function of all income group.

The core of the site is

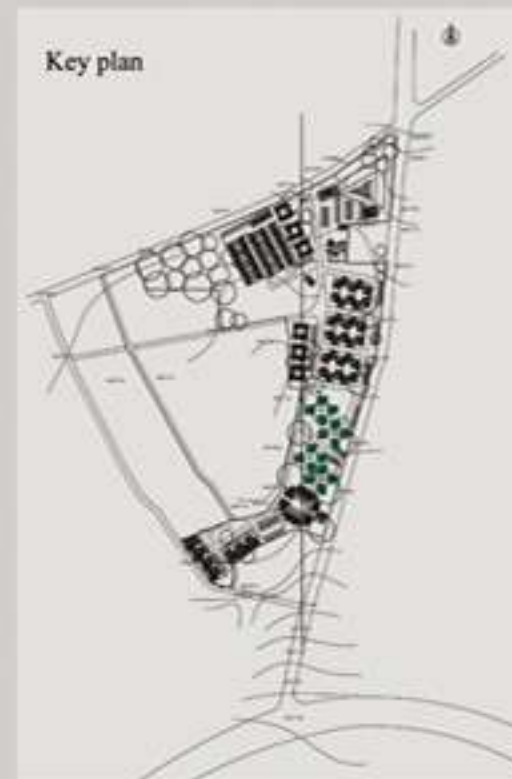
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Masterplan

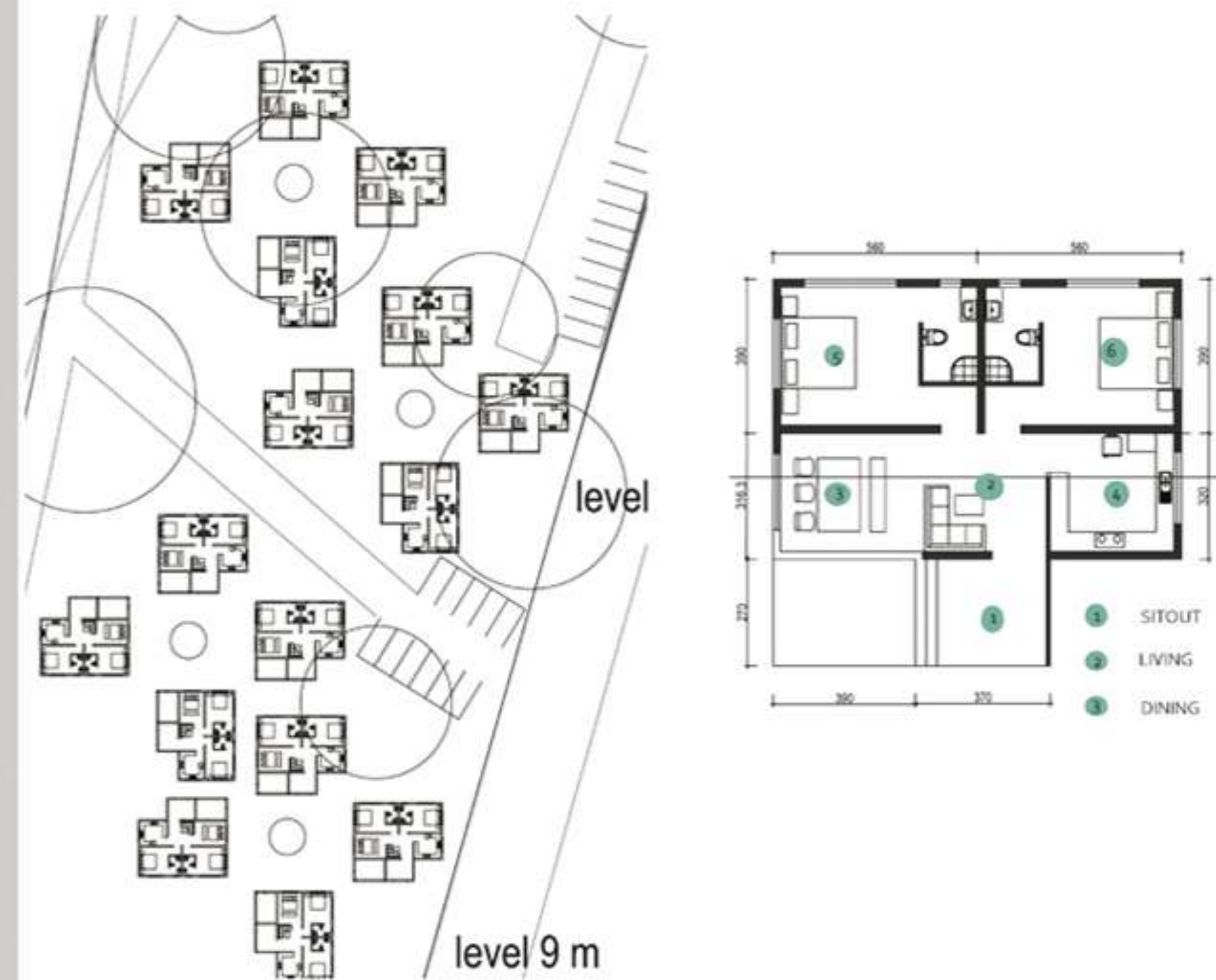




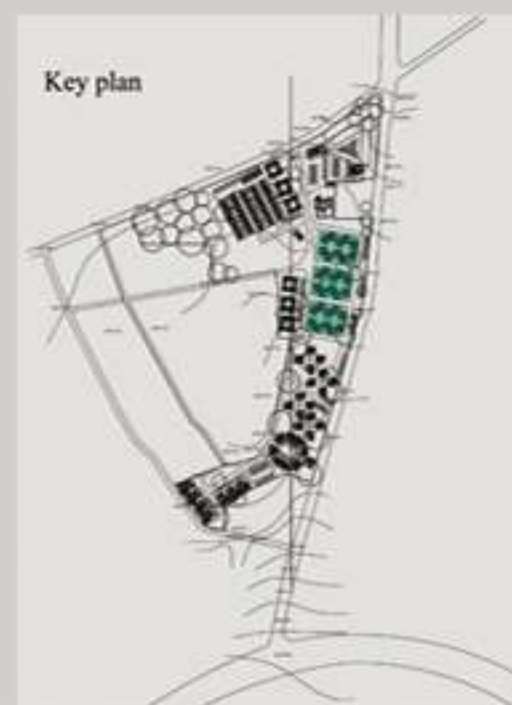
LIG (low income group) Individual Housing



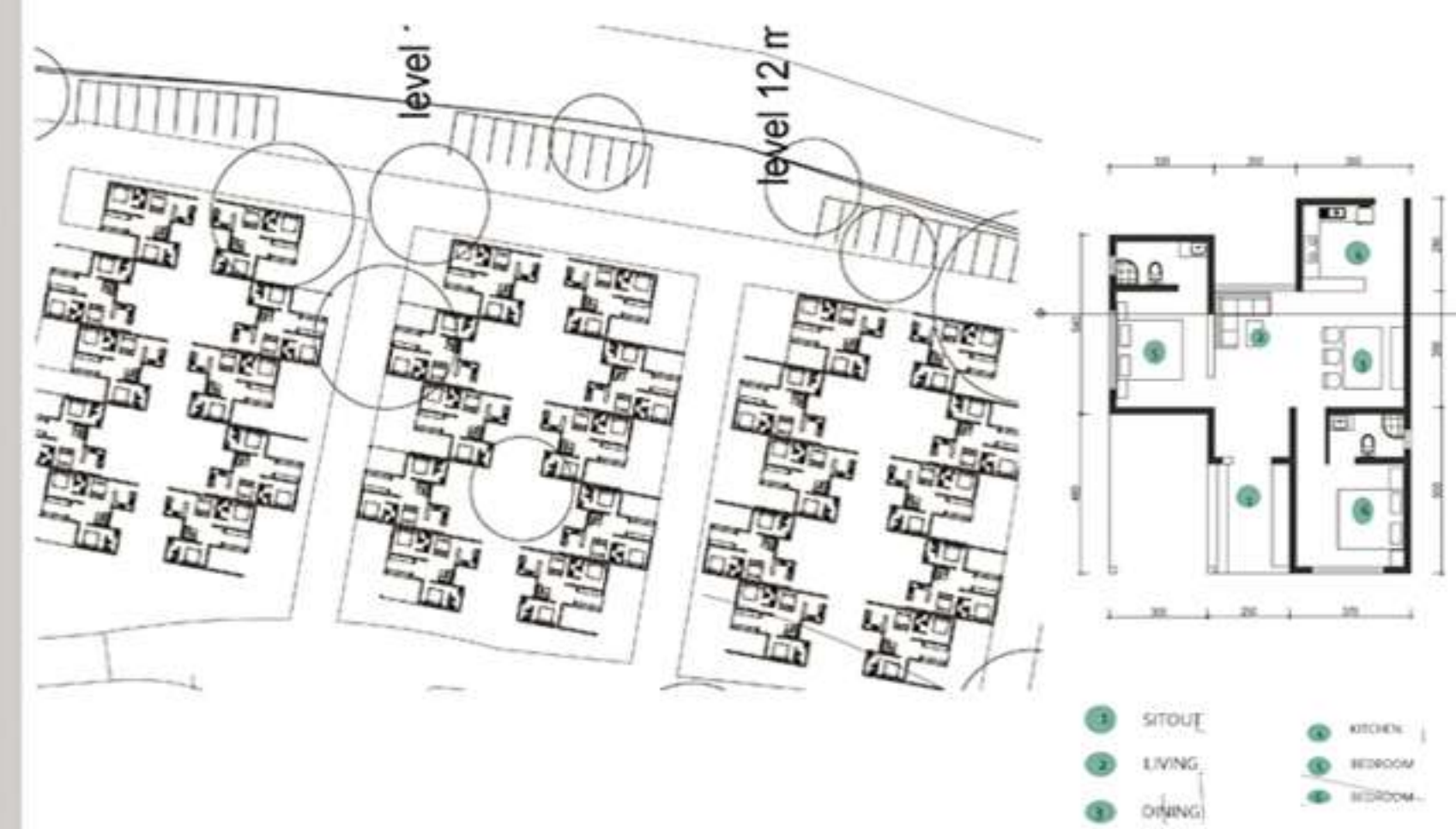
MIG (middle income group) Cluster Housing



LIG (low income group) Cluster Housing

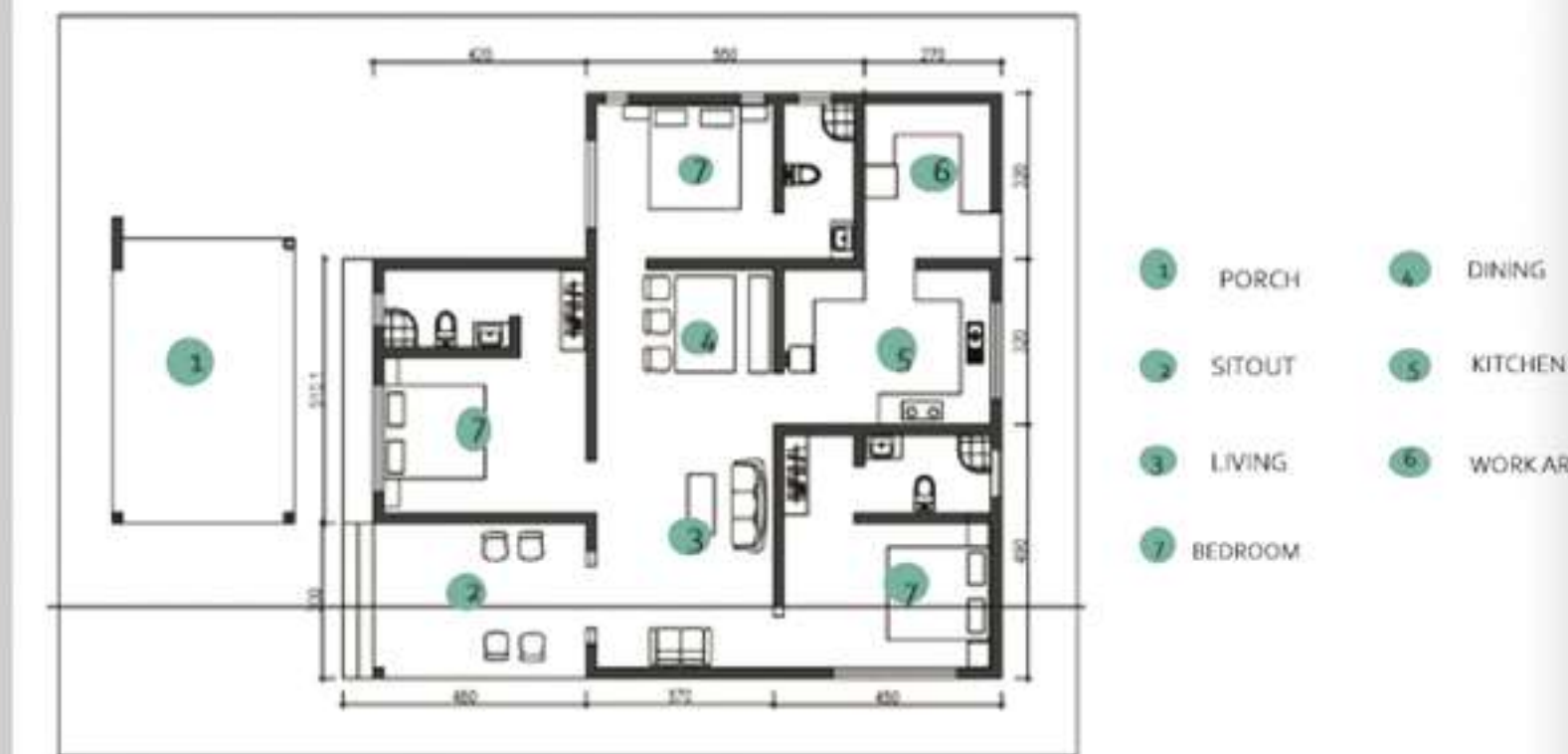
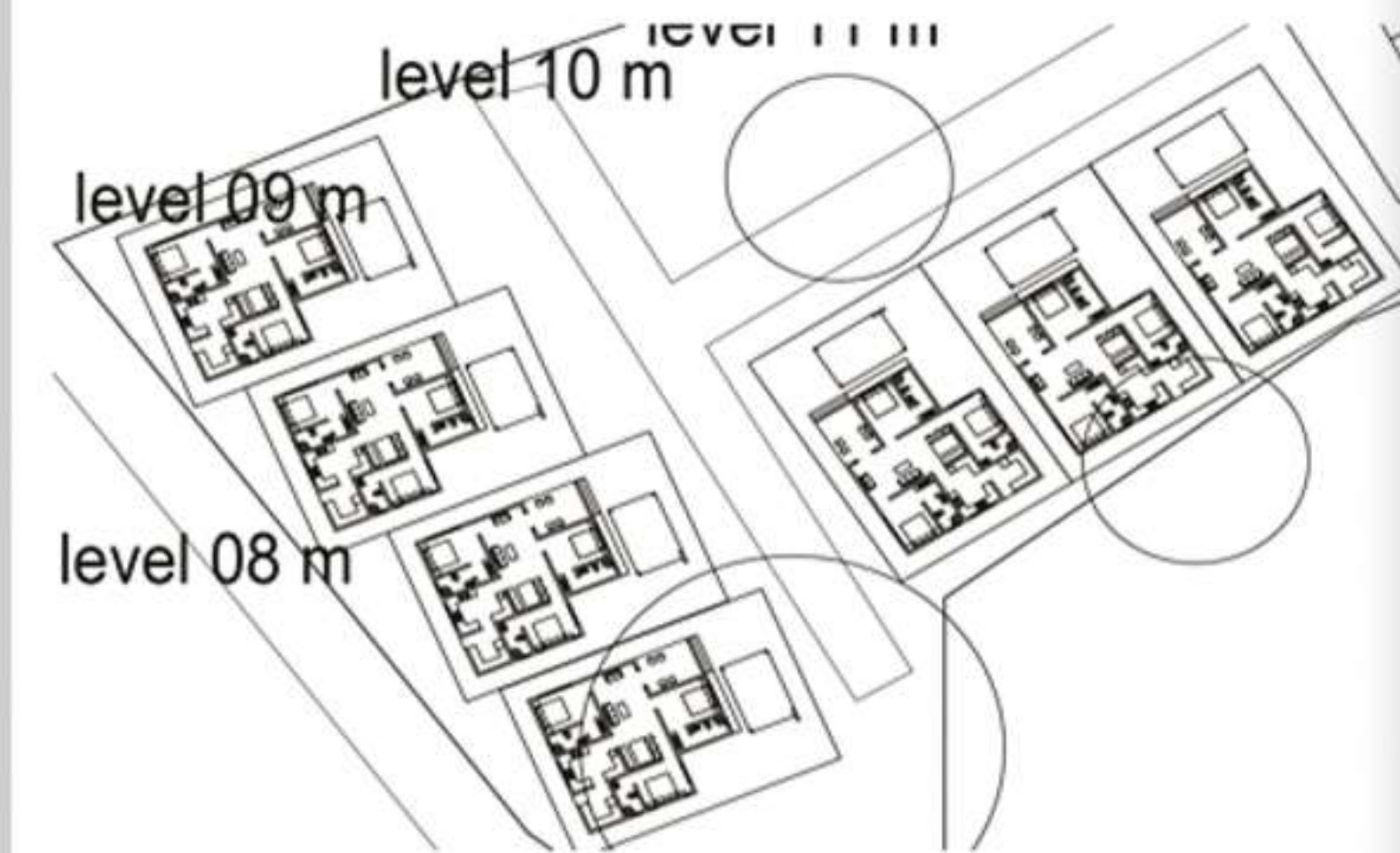


MIG (middle group income) Row Housing

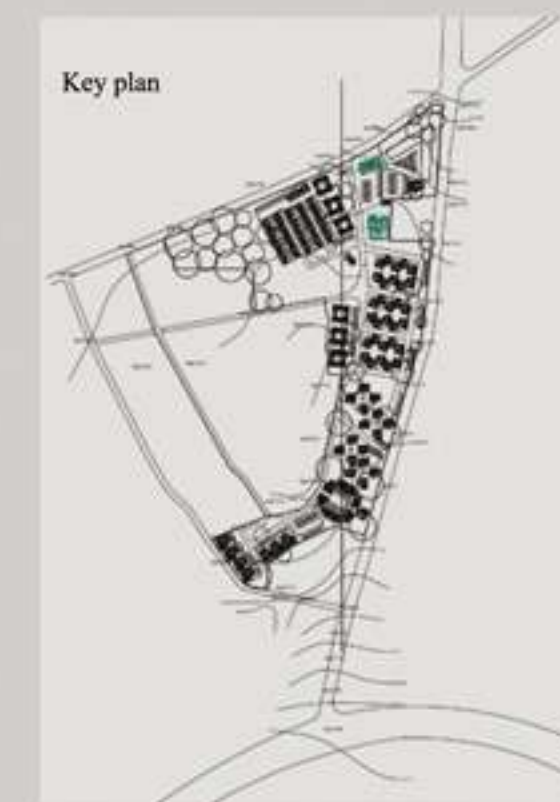
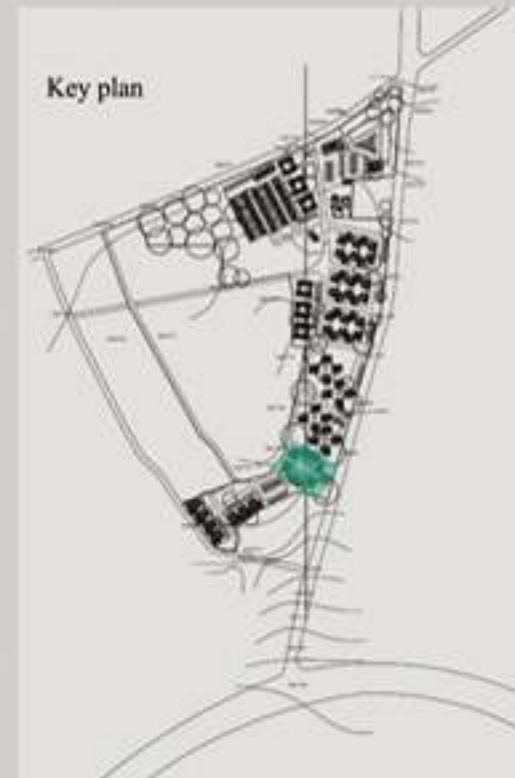




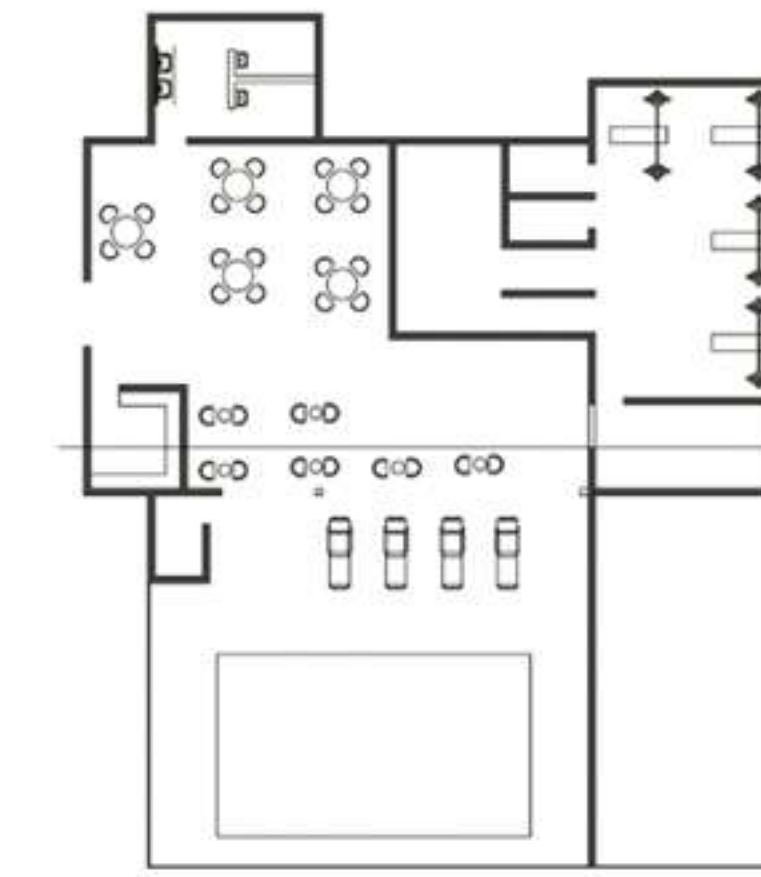
HIG (high income group) Individual Housing



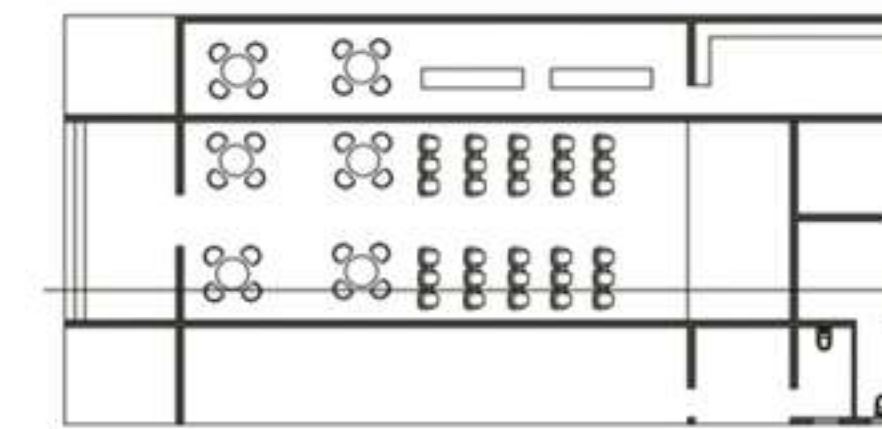
HIG (high income group) Midrise Apartment



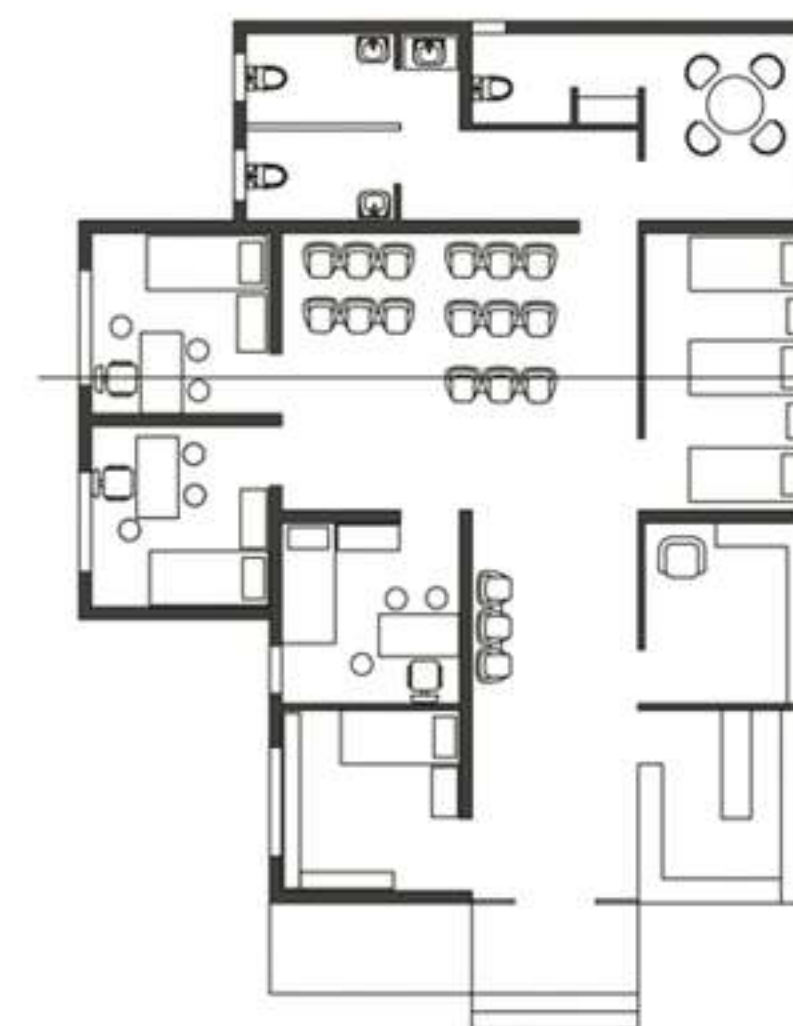
Club House



Community Hall



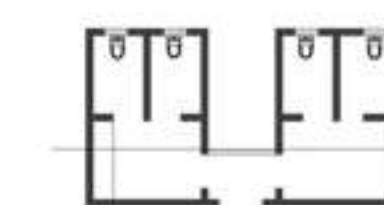
Polyclinic



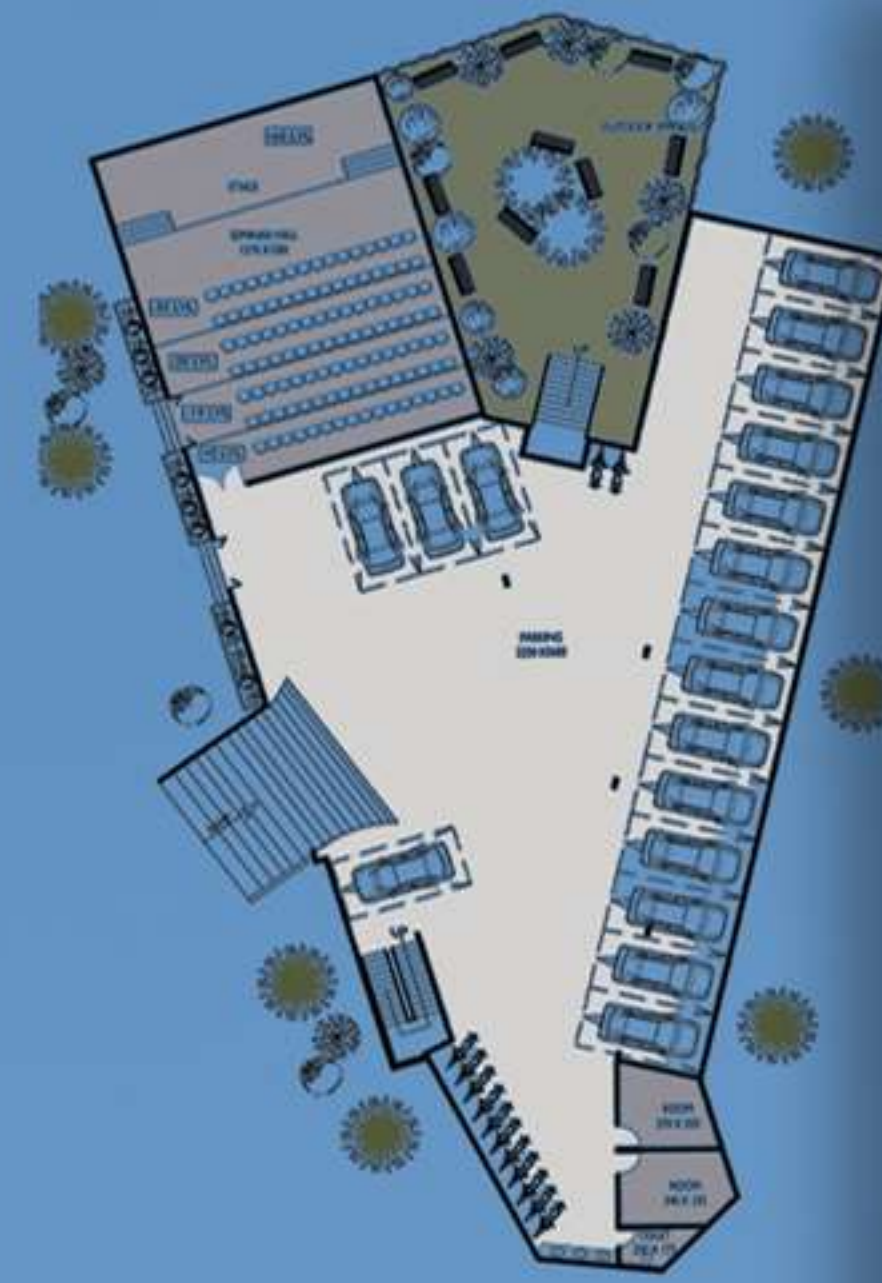
Day care for kids and olds



Public Toilets



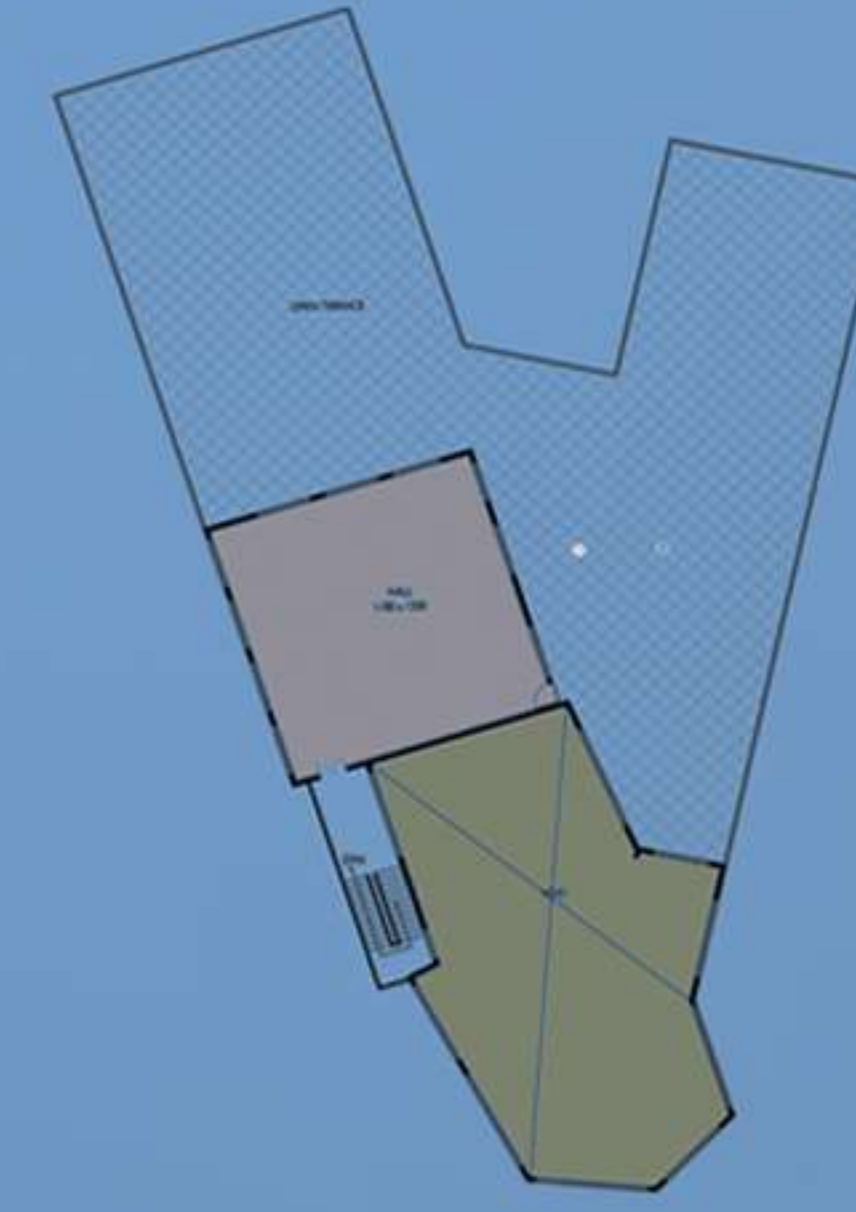
MES MAMPAD COLLEGE LIBRARY



Basement floor Area = 10715 sqft



Ground floor Area = 10715



Second floor



Thank you