

“Architecture is a visual art and the buildings
speak for themselves” – Julia Morgan

STUDENTS
PORTFOLIO
2022-2023



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956





DEPARTMENT OF ARCHITECTURE

MESSAGE

STUDENTS ARCHITECTURE PORTFOLIO 2022-2023 takes our students journey of learning and discoveries of their academic path in the year 2022-2023. Our faculty is a community of dedicated scholars and teachers whose research expands the boundaries of our knowledge and imagination and their teaching prepare students for wide ranging careers and lifelong learning. Our goal is to equip learners with usual skills and knowledge they need to succeed though. The portfolio follows the pedagogical approach includes both comprehensive in class instructions and the field experiential learning providing students with ample hands on practical experience and skills.

I invite you to explore the Student's Portfolio 2022 to learn more about the brilliant learning environment at the Department of Architecture.



Dr. PRADEEPA C
HOD, DEPARTMENT OF ARCHITECTURE

MESSAGE

STUDENTS ARCHITECTURE PORTFOLIO is the academic collection of the students – 2022 – 2023. This is a collection of work on the qualitative and quantitative analysis and research with the guidance of the faculties attained in the previous semester.

Students Architecture Portfolio – 2022-23 is also focuses on the research, innovation, sustainable solutions of design problems presented to students with direction and encouragement from HoD and Faculties – Department of Architecture.

We wish to present you to take you on a aspiring journey of the architectural works of our brilliant minds.



Ar. POOJA KRIPANITHI
STUDENTS PORTFOLIO COORDINATOR

UNDERGRADUATE

The school offers the Bachelor of Architecture (B.Arch.) program of 10 semester duration. The B.Arch. degree program at SRM is recognized as one of the India's premier and the most comprehensive programs in Architecture due to the thrust on contemporary issues such as sustainability, urban redevelopment etc. and continuous interaction with practicing architects of repute. It also offers a large number of elective studies, ensuring flexibility and a choice based education tailored to their areas of special interest which may be urban design, landscape, architecture, housing, project management, urban planning etc. The program is approved by the Council of Architecture, New Delhi and was the first one in South India to be accredited by the National Board of Accreditation (AICTE) in 2001.

POSTGRADUATE

The 4 semester course of M.Arch (Architectural Design) degree is one of the most innovative programs in India and it prepares graduates to meet the challenges thrown up by the ever changing needs of contemporary society. This professional degree is structured to educate those who aspire to create masterpieces of complex architecture including large scale infrastructure projects and metro level urban facilities. It aims to train scholars specifically in the design & construction of tall buildings, airports, mass rapid transportation terminal, stadiums and environmental planning.

UNDERGRADUATE - B.ARCH

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POSTGRADUATE - M.ARCH

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SEMESTER 1

FSDS STUDIO

B.ARCH

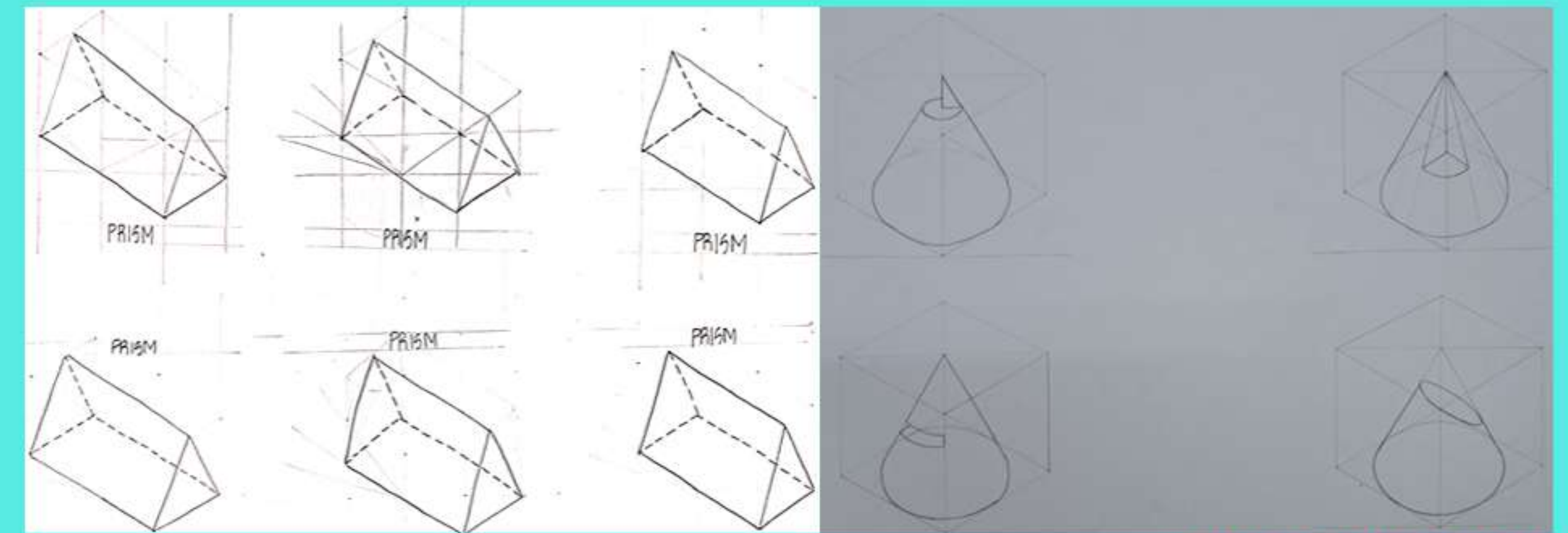
Semester 1 in collaboration with CEPT University aims at students to gain knowledge design basic geometric shape, 3D wireframe models, technical drawing etc. Without aid of any instruments students will be able to estimate proportions and sketch simple shapes and solid forms. By employing the proper methods, students will be able to visualize, build, and investigate geometric solids. Students will gain knowledge of the various tools and how to use them for rendering and line drawing. To comprehend the rationale with different types of line, line weights and for selecting perspective of a view that effectively conveys a product and assemble information.

FACULTY TEAM

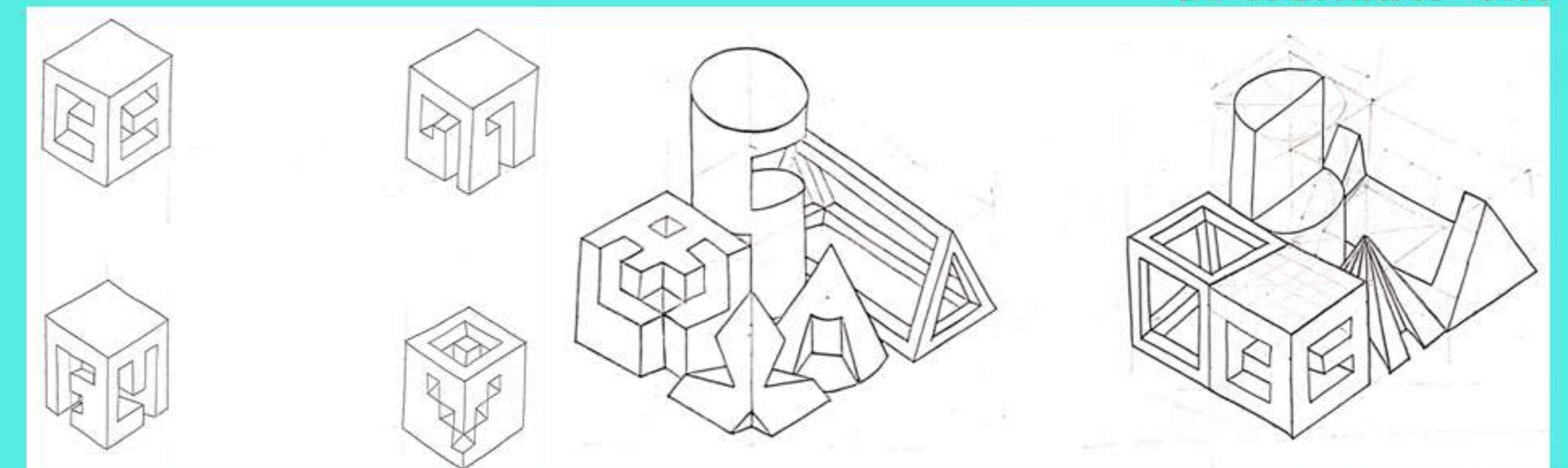
1. Prof. T R Kamalakannan
2. Ar. Grace Ansica
3. Ar. R. Nivetha Devi
4. Ar. Shanmuga Priya
5. Ar. R. Krithika
6. Ar. Balamaheshwaran R
7. Ar. Prashanthini
8. Ar. Aishwarya R
9. Dr.P.Karuppusamy
10. Ar. Kathick Raj M

SEMESTER 1

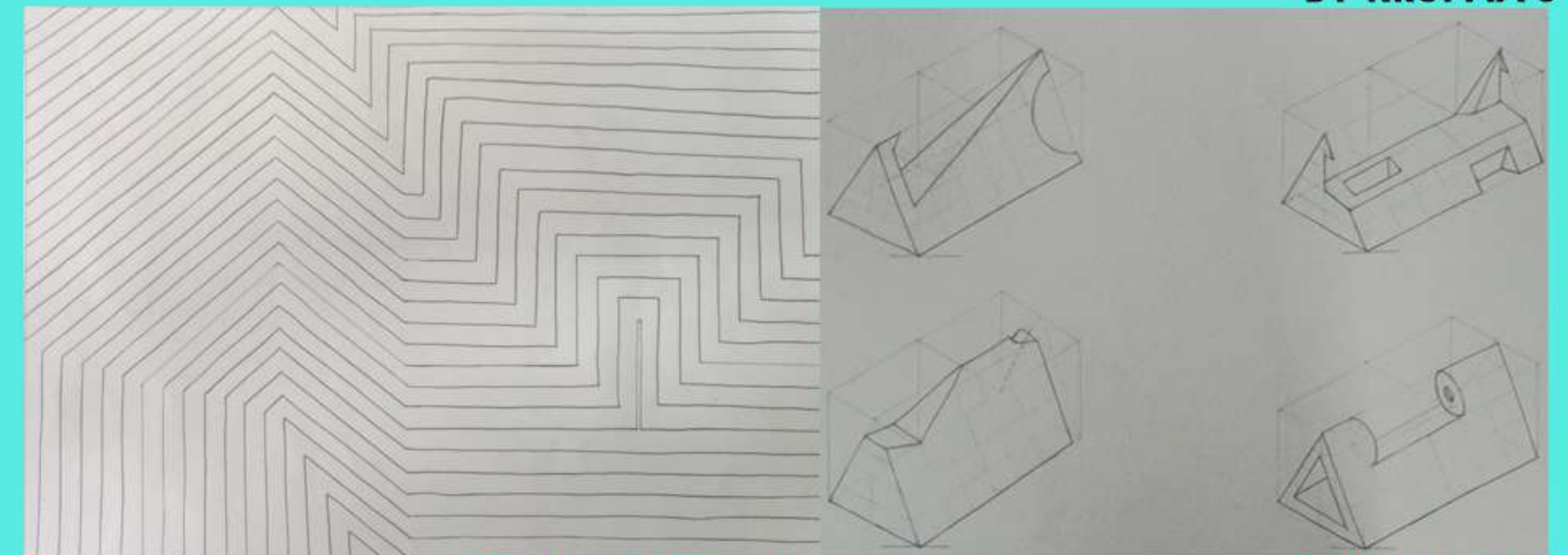
B.ARCH



BY VAISHNAV UNU

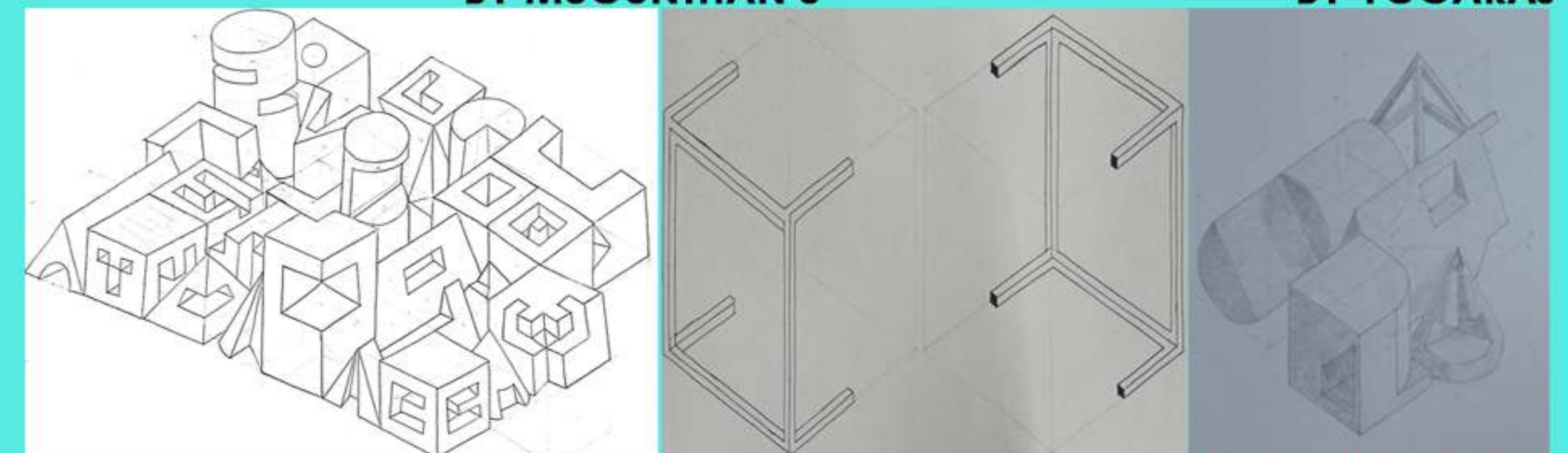


BY KRUPAA J



BY MUGUNTHAN S

BY YOGARAJ



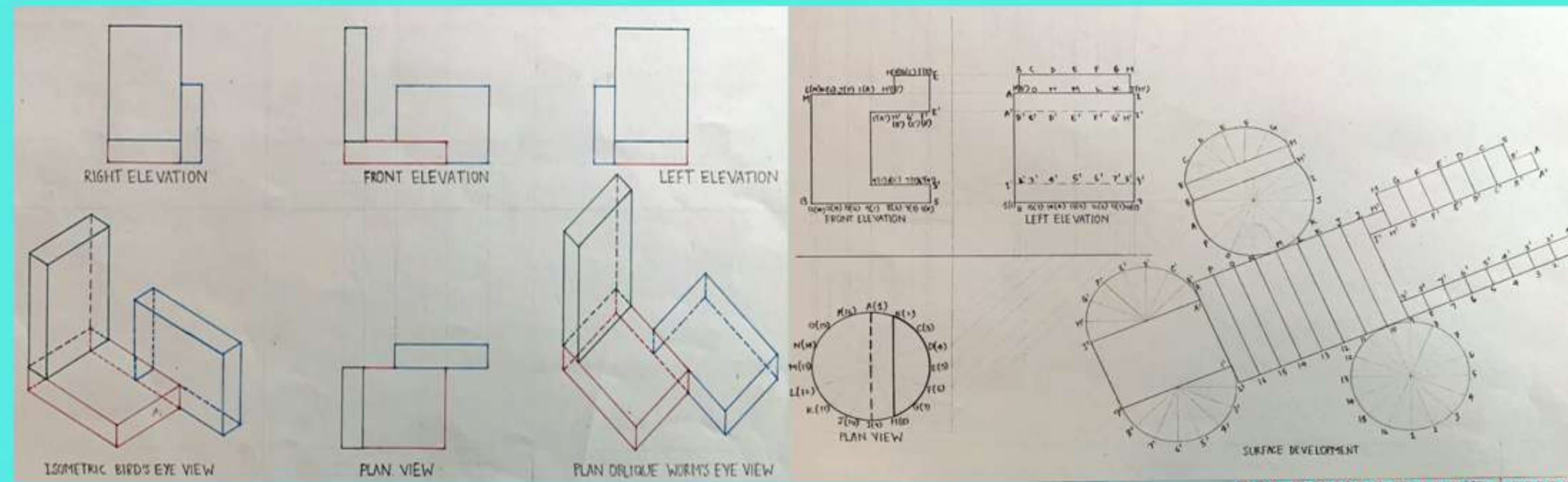
BY KRUPAA J

BY YOGARAJ

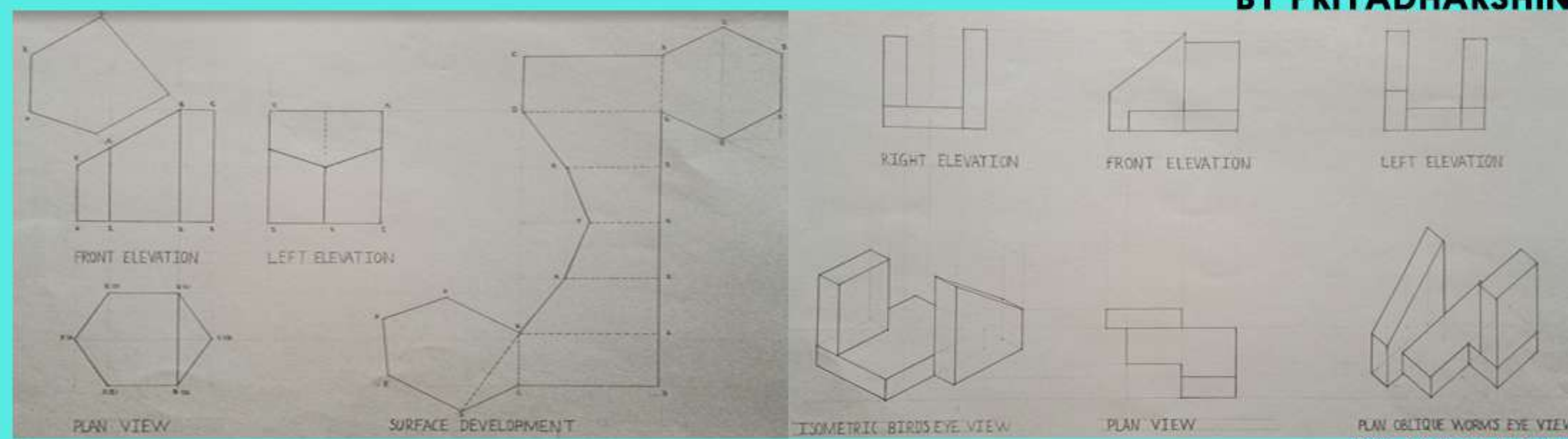
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SEMESTER 1

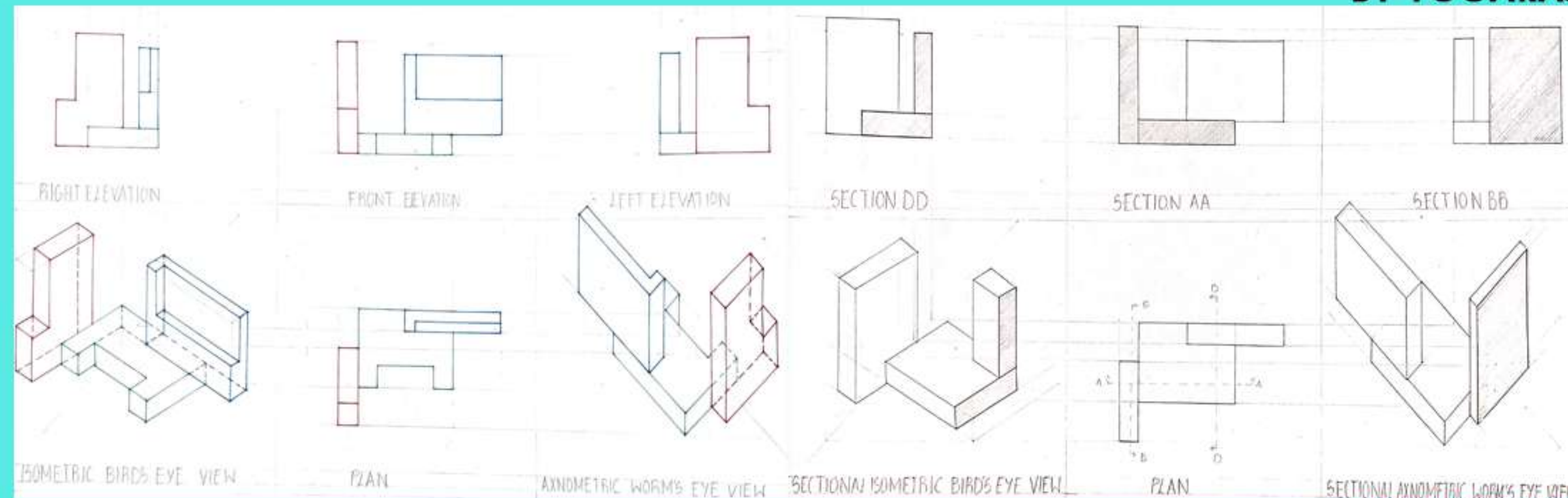
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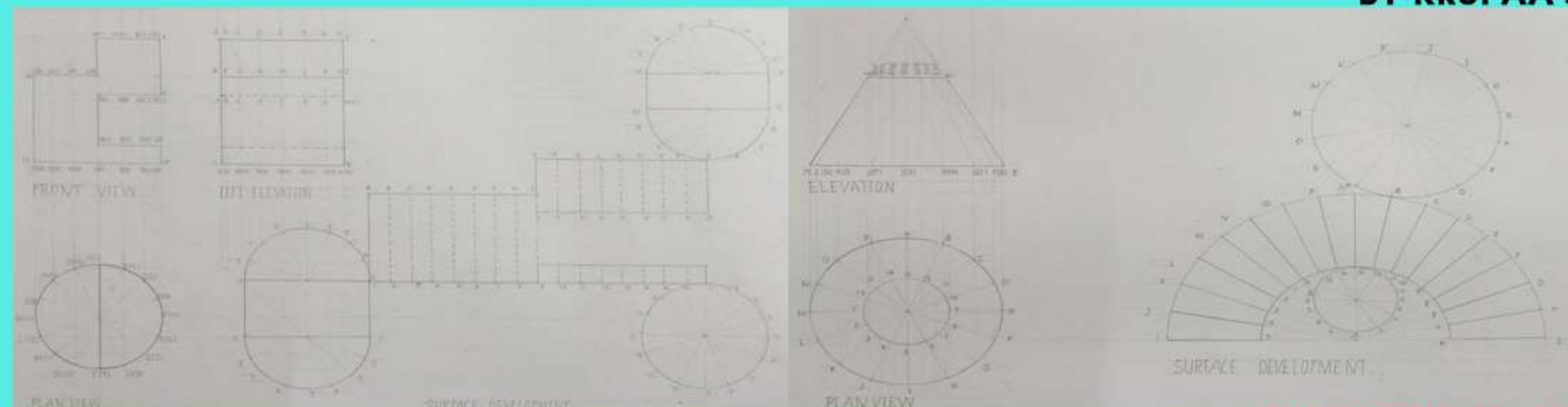
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BY YOGARAJ



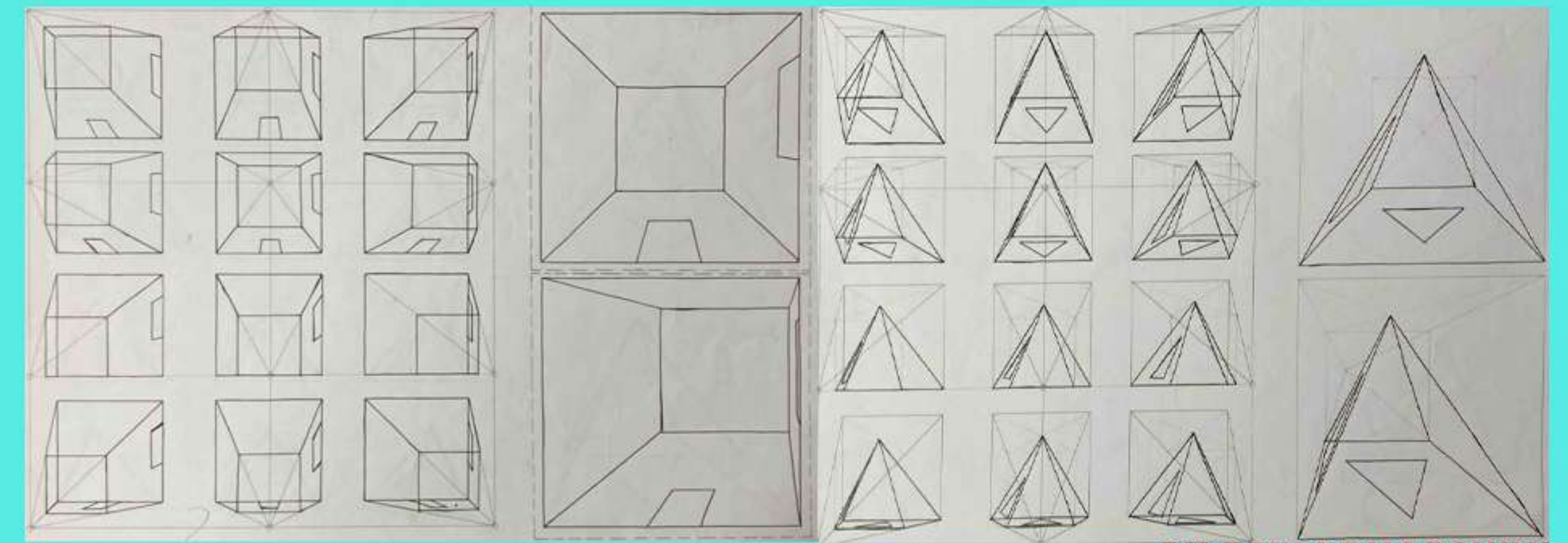
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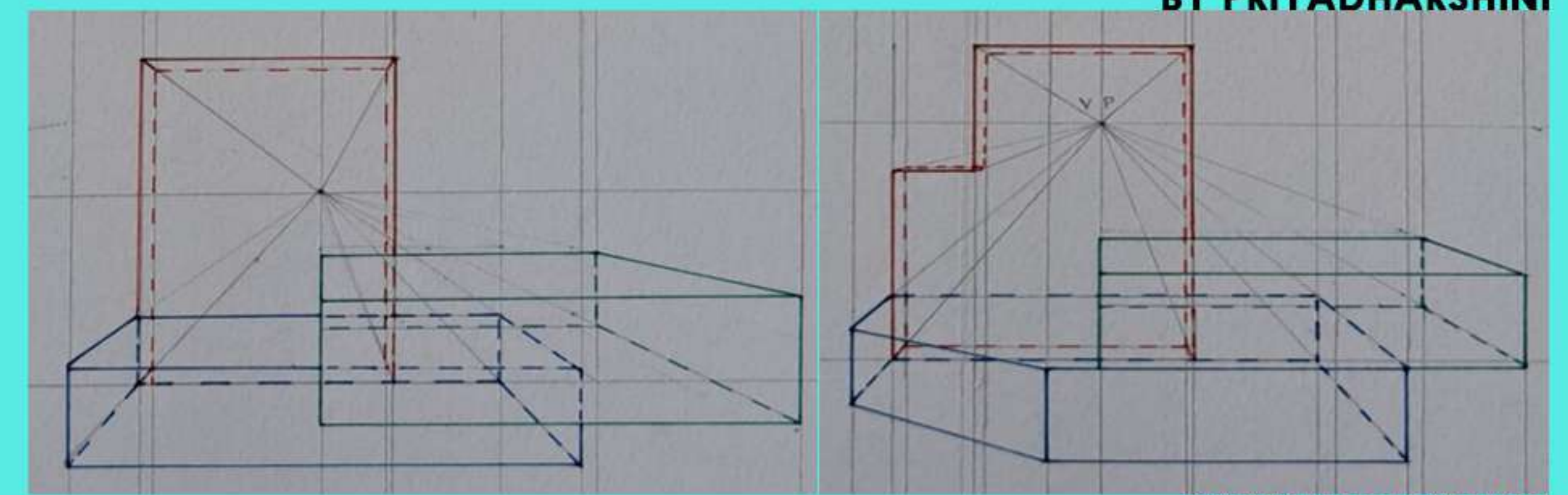
BY MUGUNTHAN S

SEMESTER 1

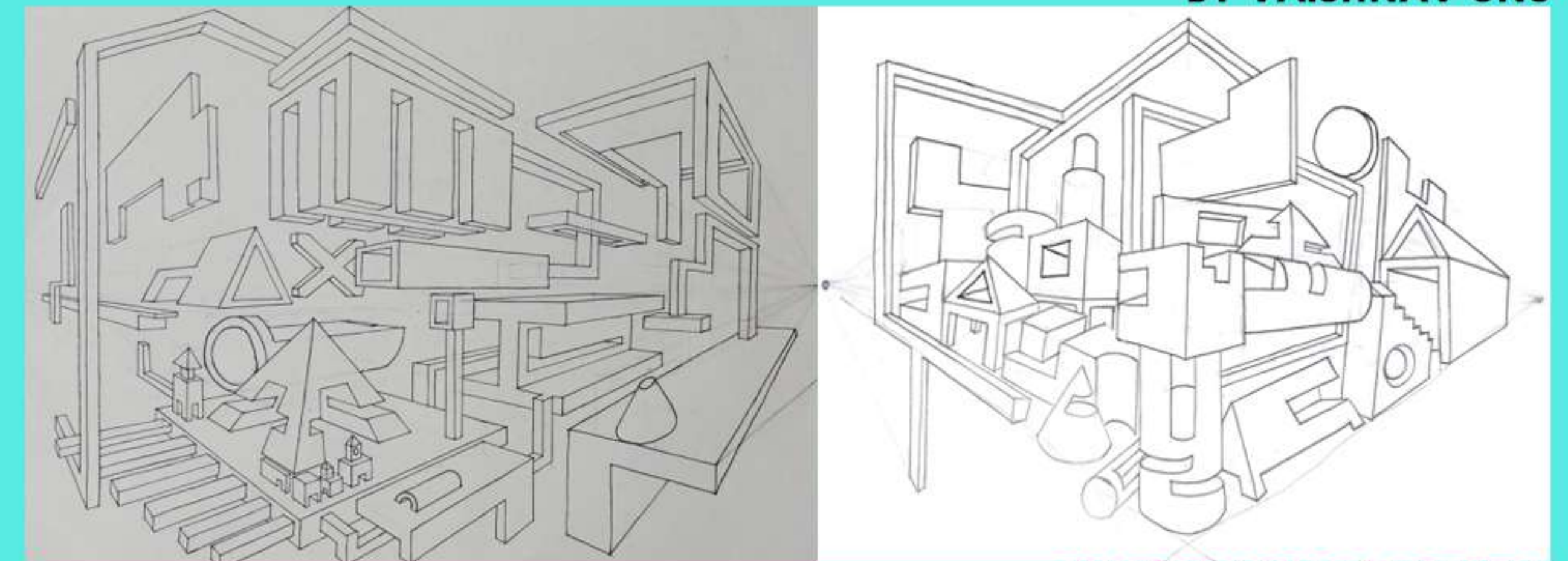
B.ARCH



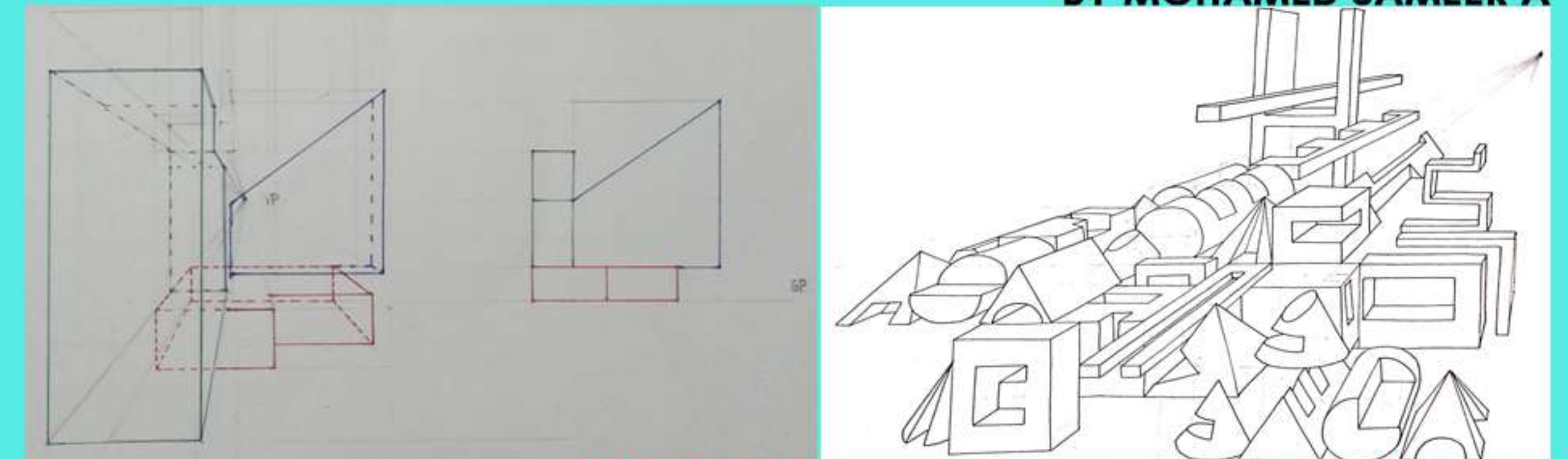
BY PRIYADHARSHINI



BY VAISHNAV UNU



BY MOHAMED SAMEER A

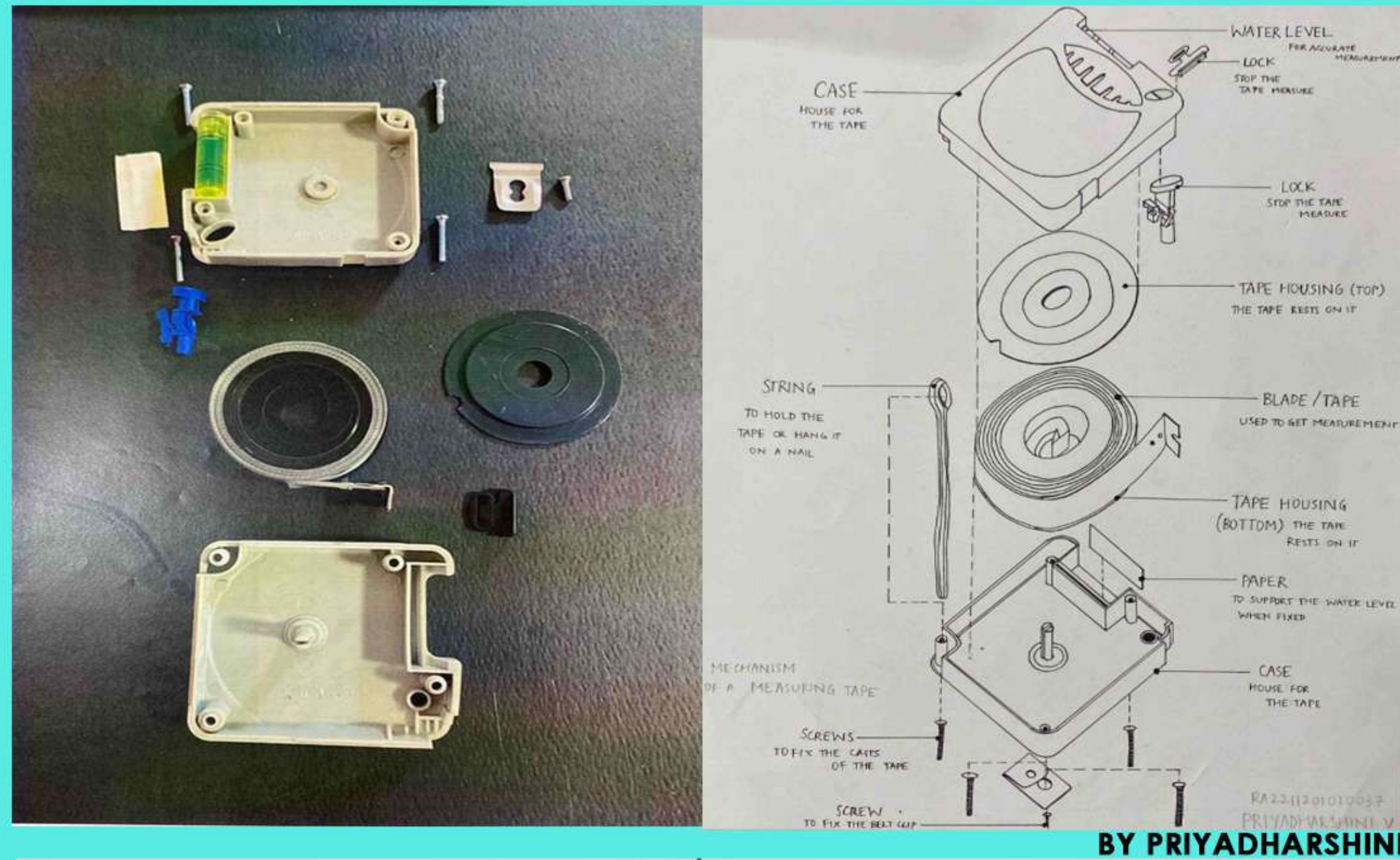


BY YOGARAJ

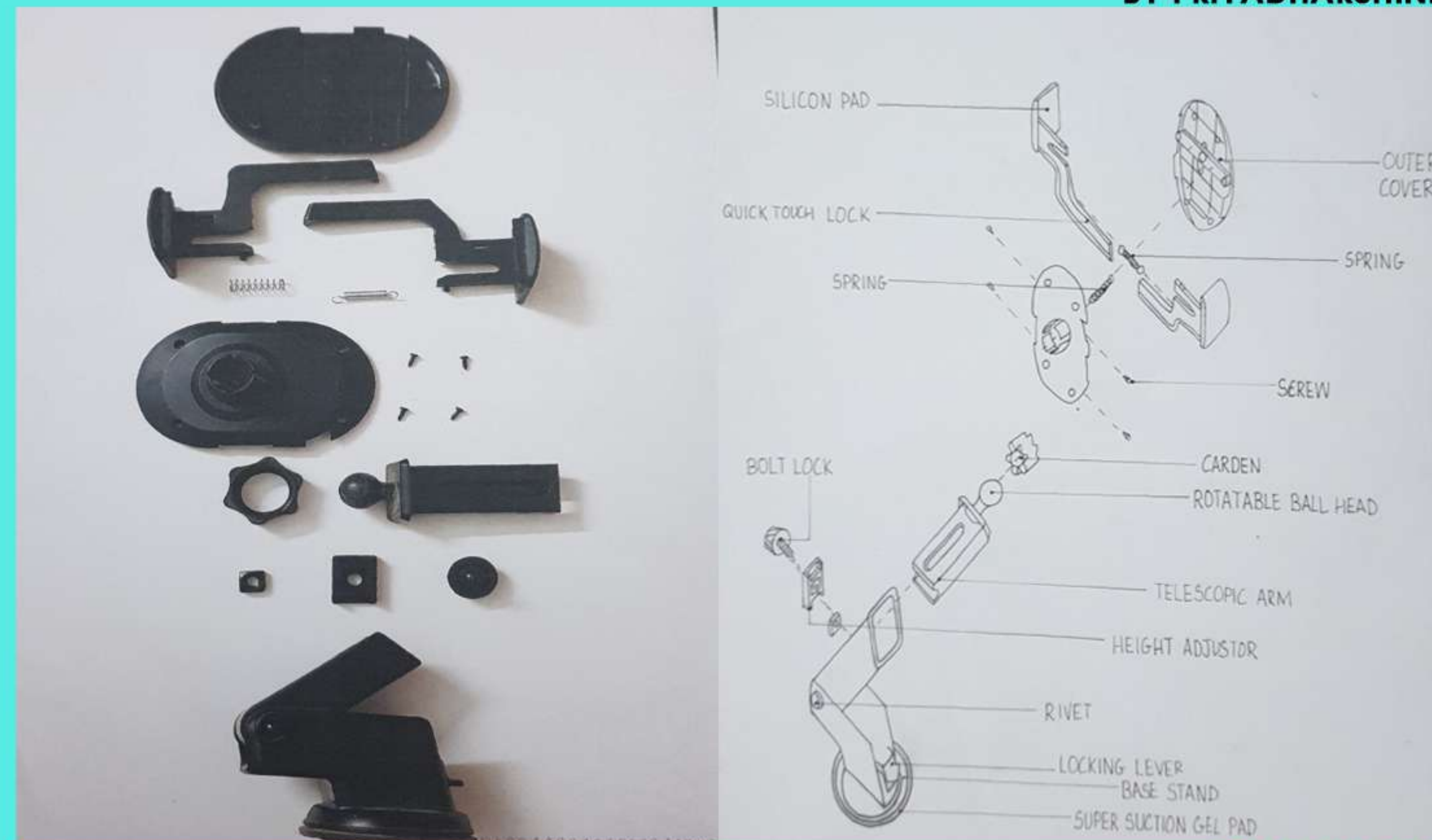
BY KRUPAA J

SEMESTER 1

B.ARCH



BY PRIYADHARSHINI

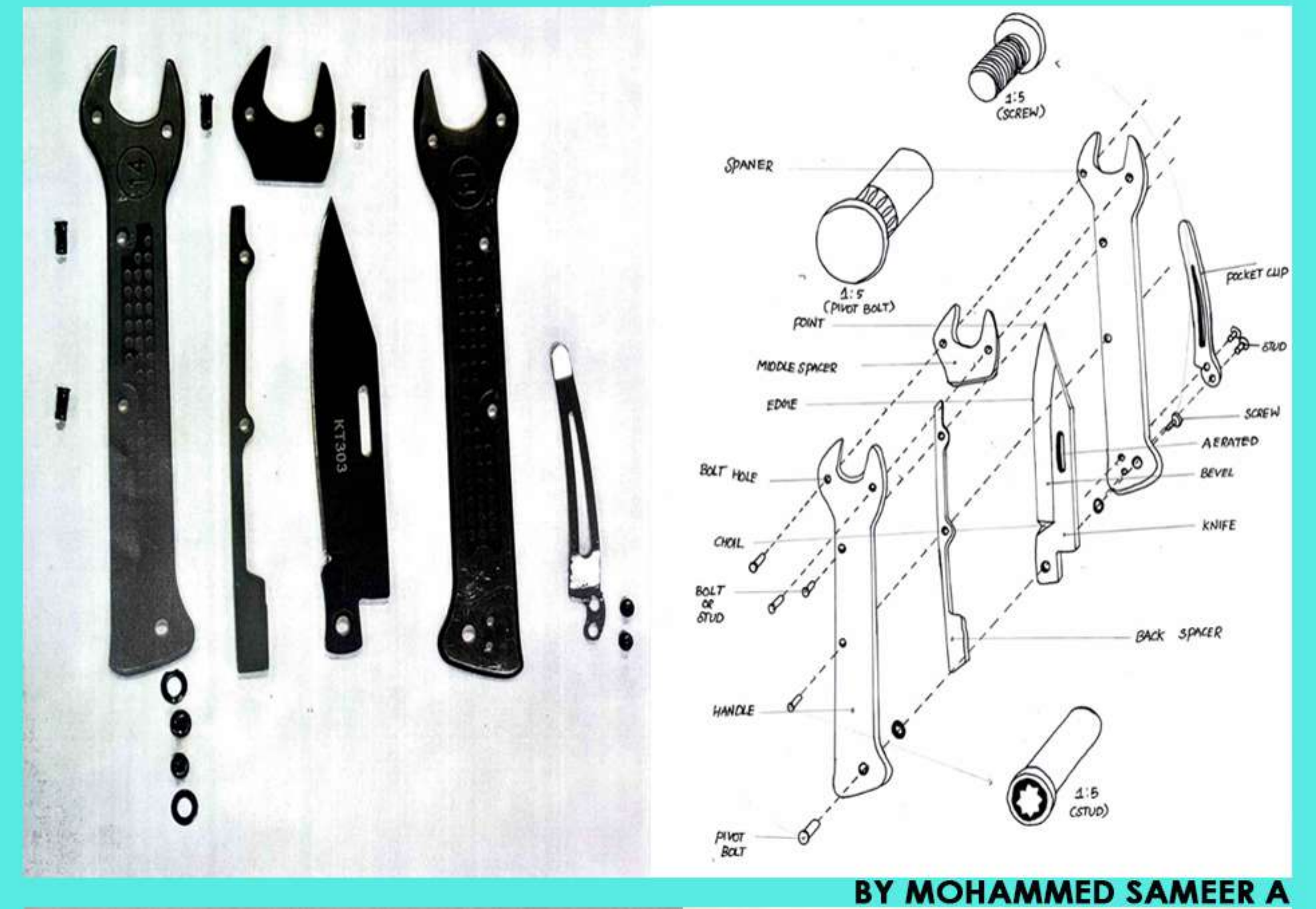


BY AATHIRA B

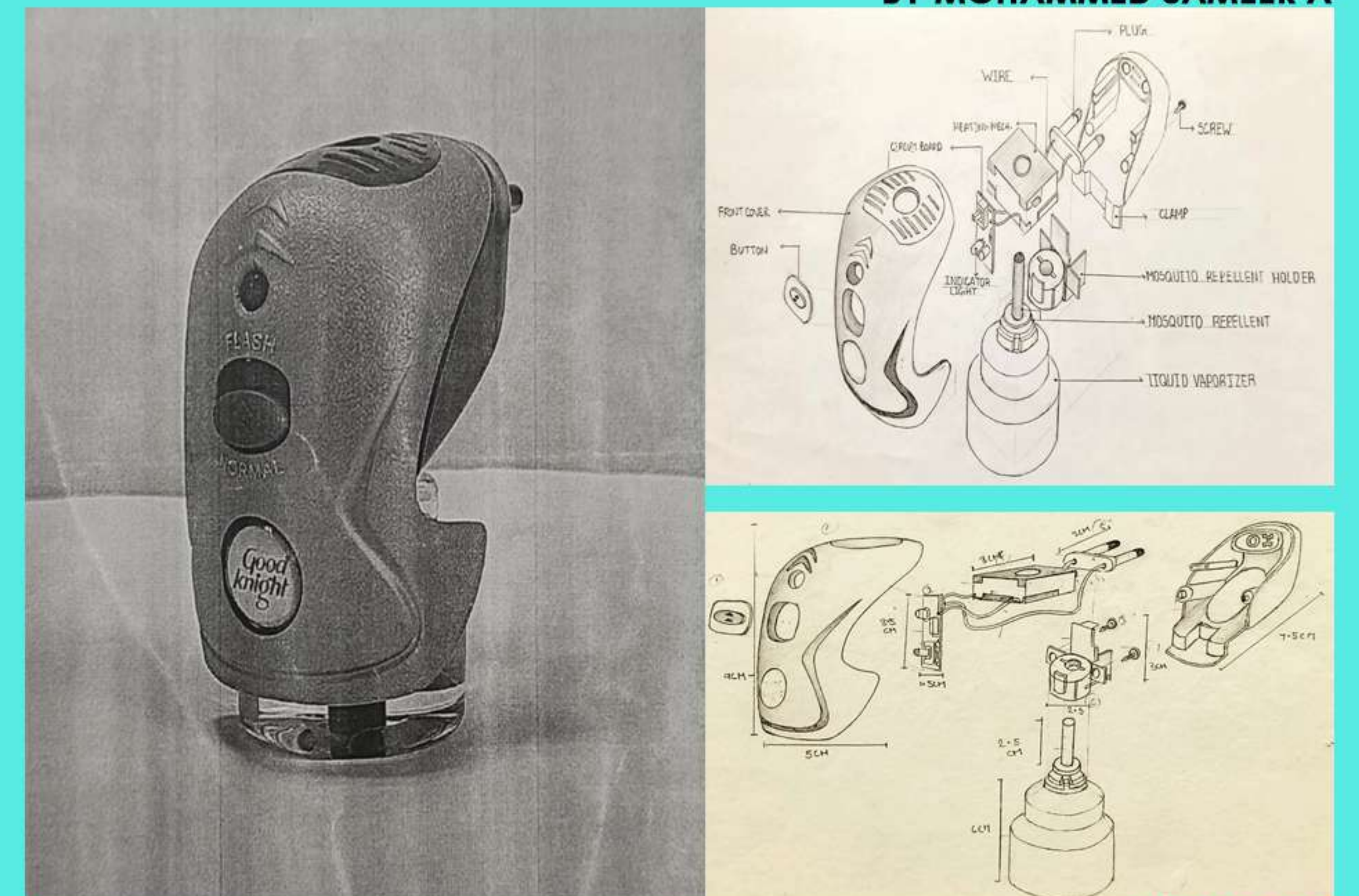
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SEMESTER 1

B.ARCH



BY MOHAMMED SAMEER A

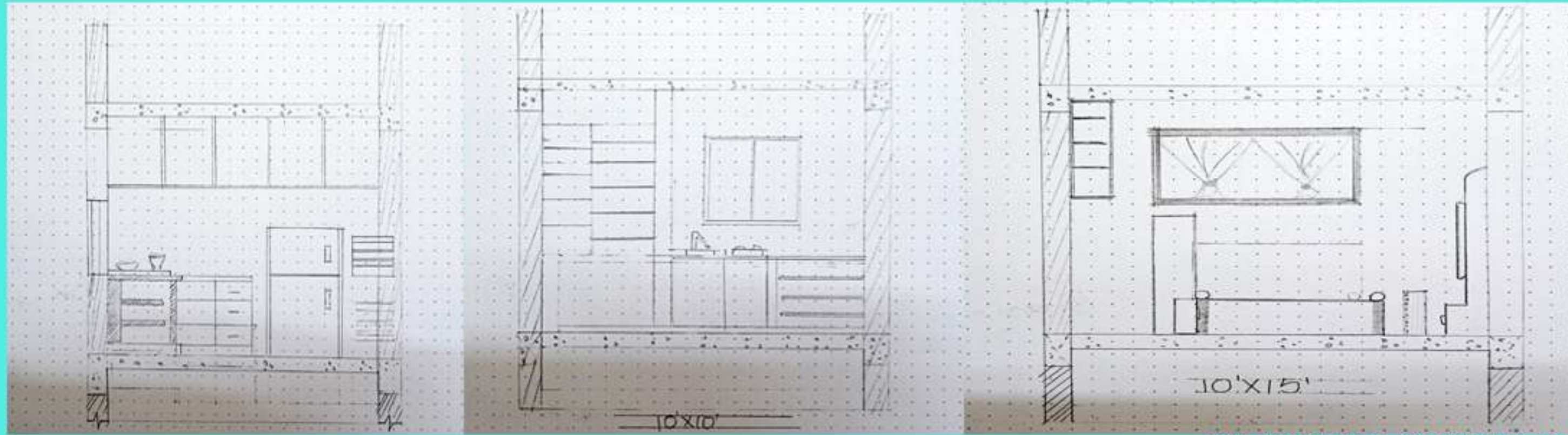
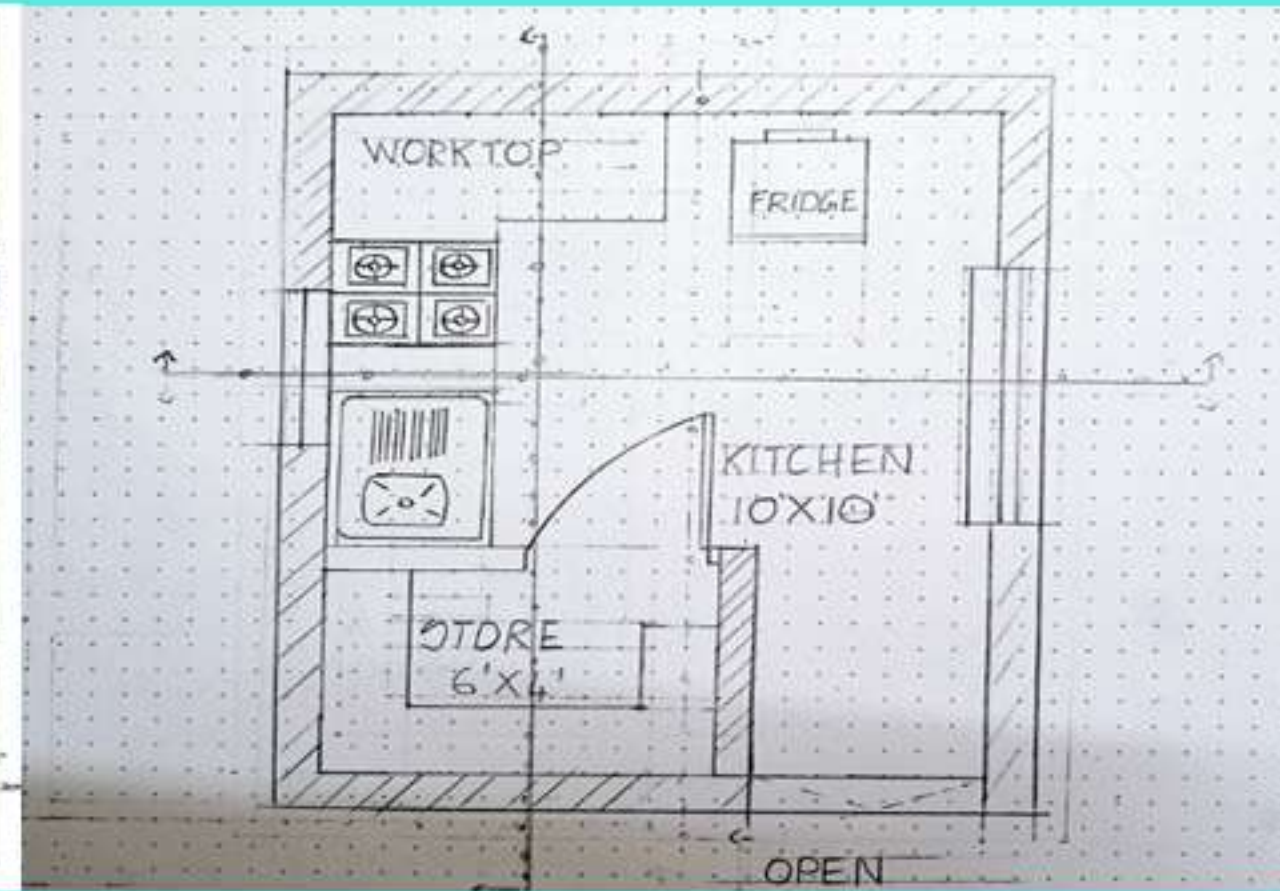
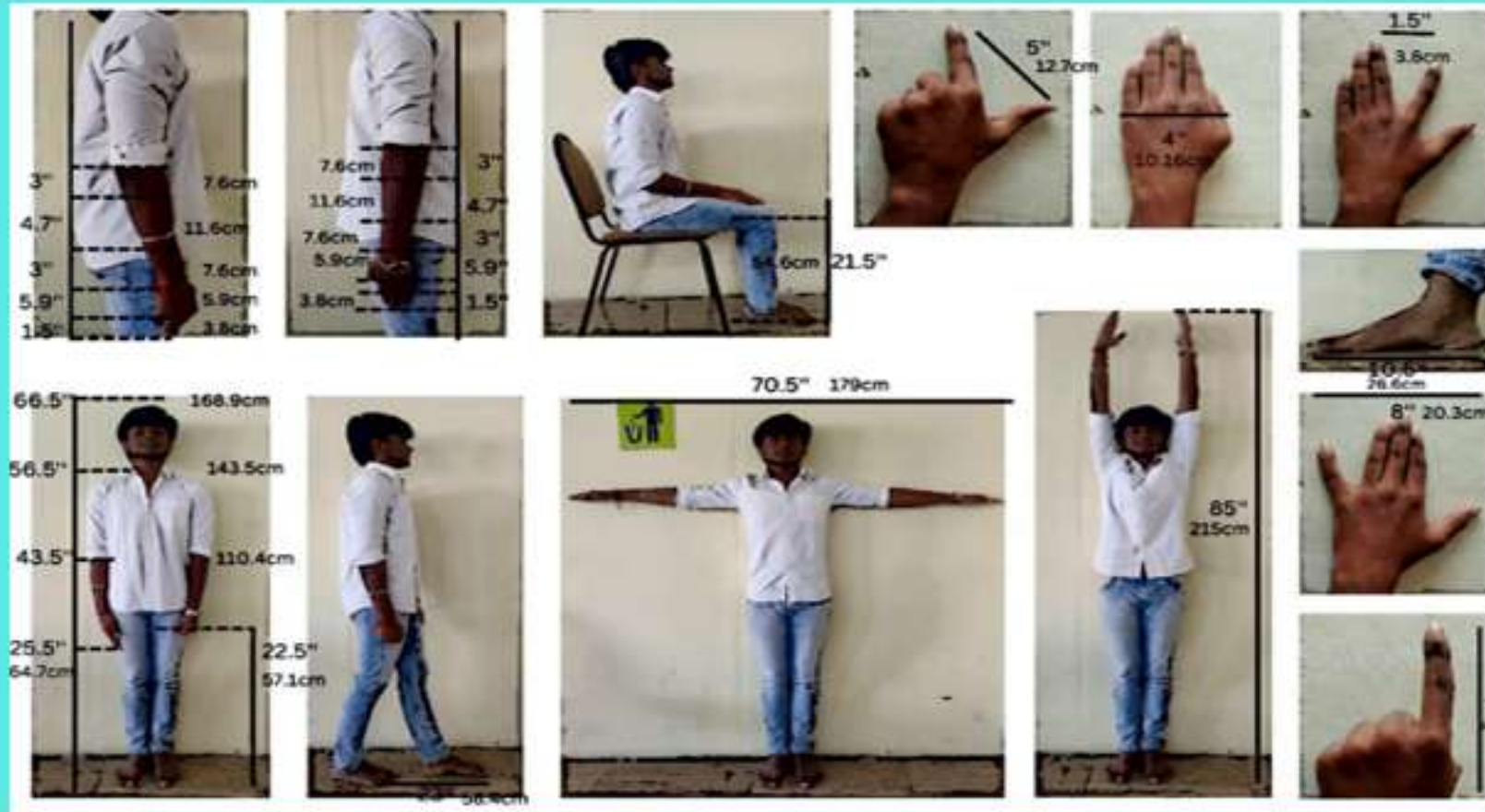


BY ANTONY

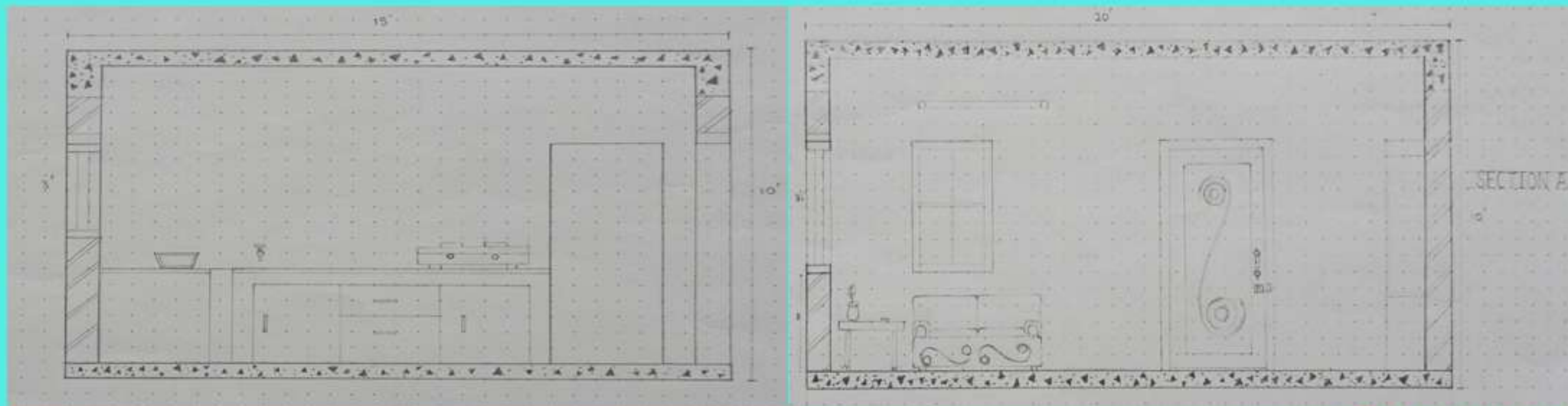
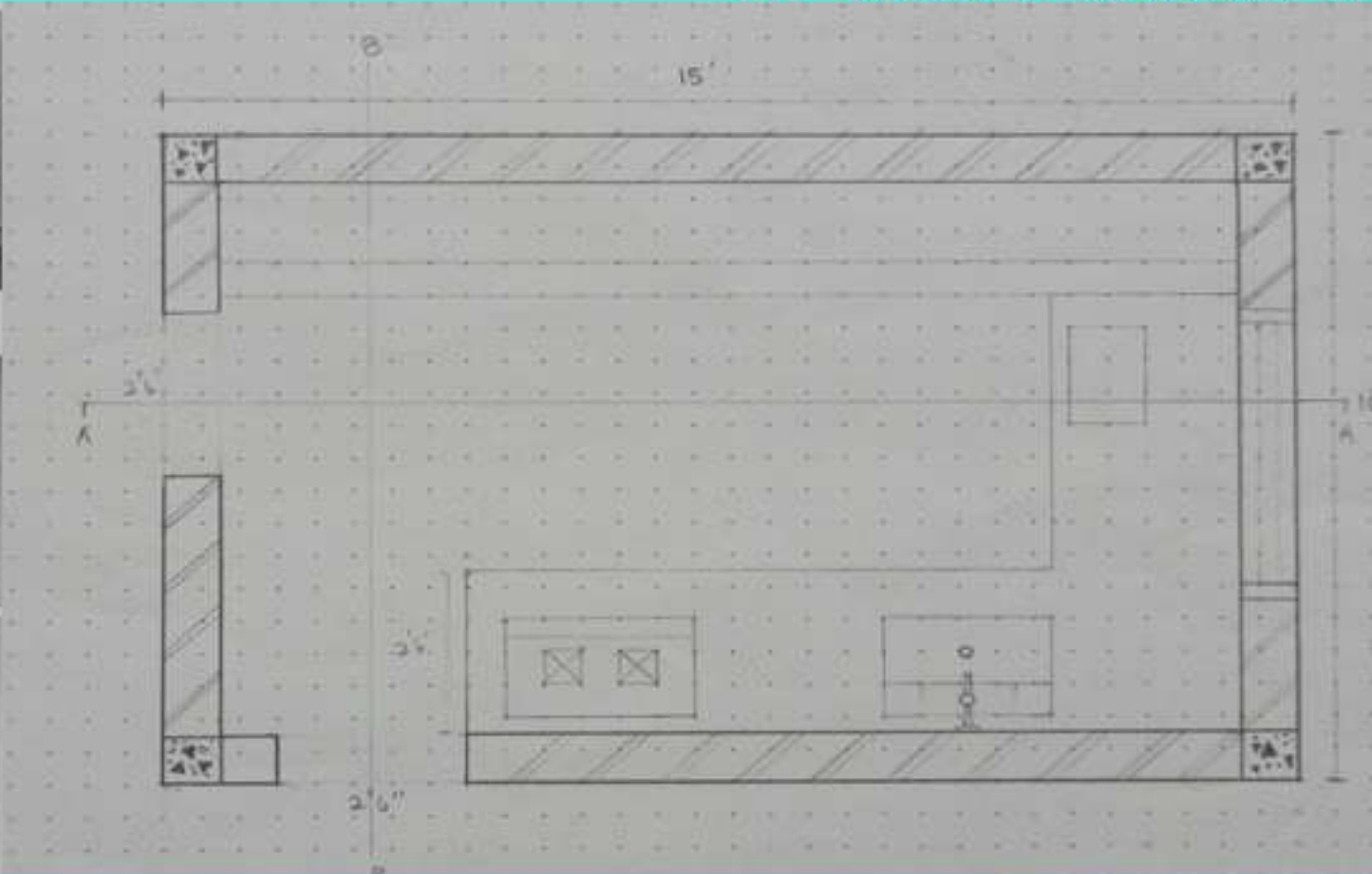
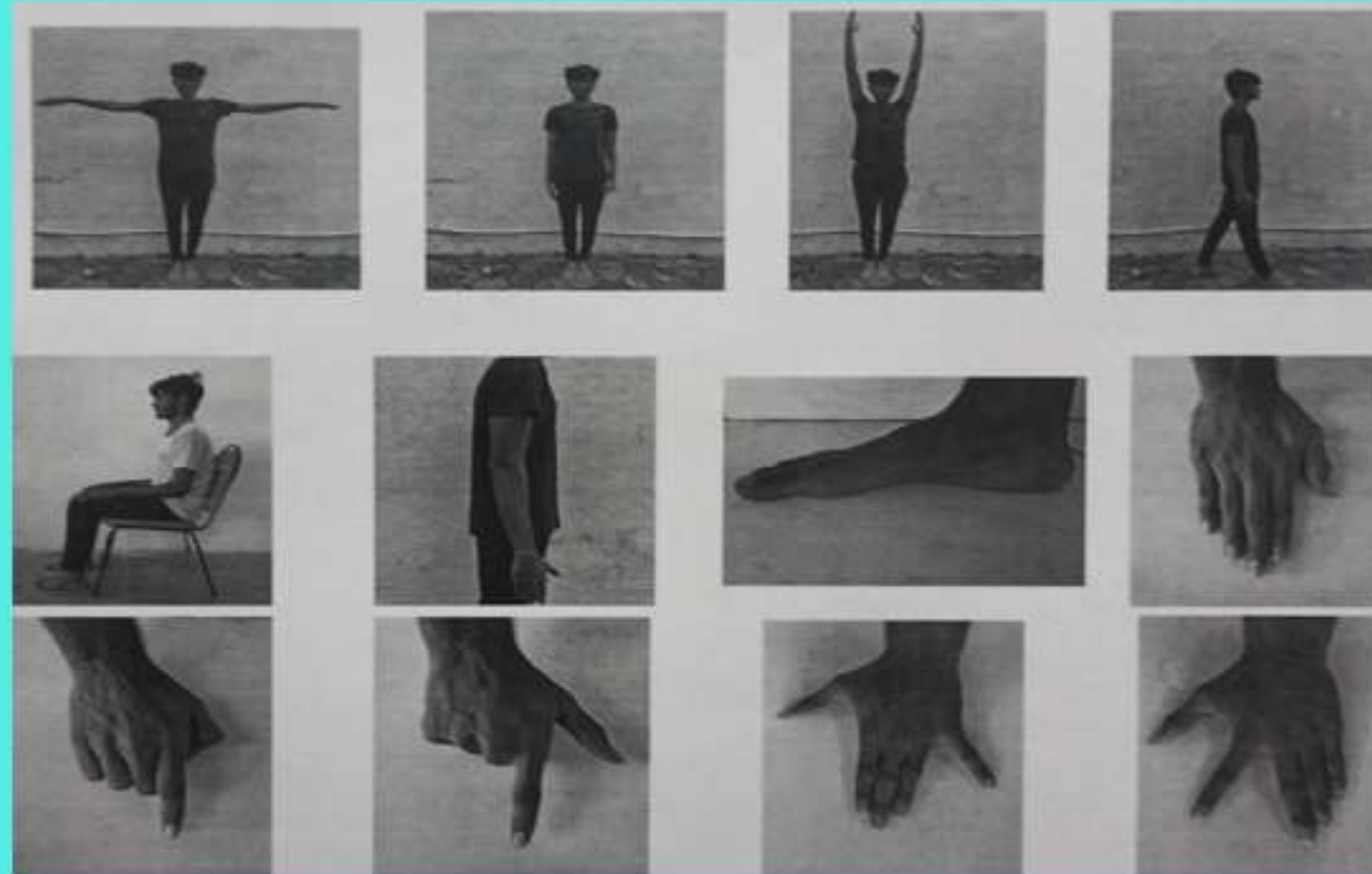
4

SEMESTER 1

B.ARCH



BY NIDHIN KUMAR K J



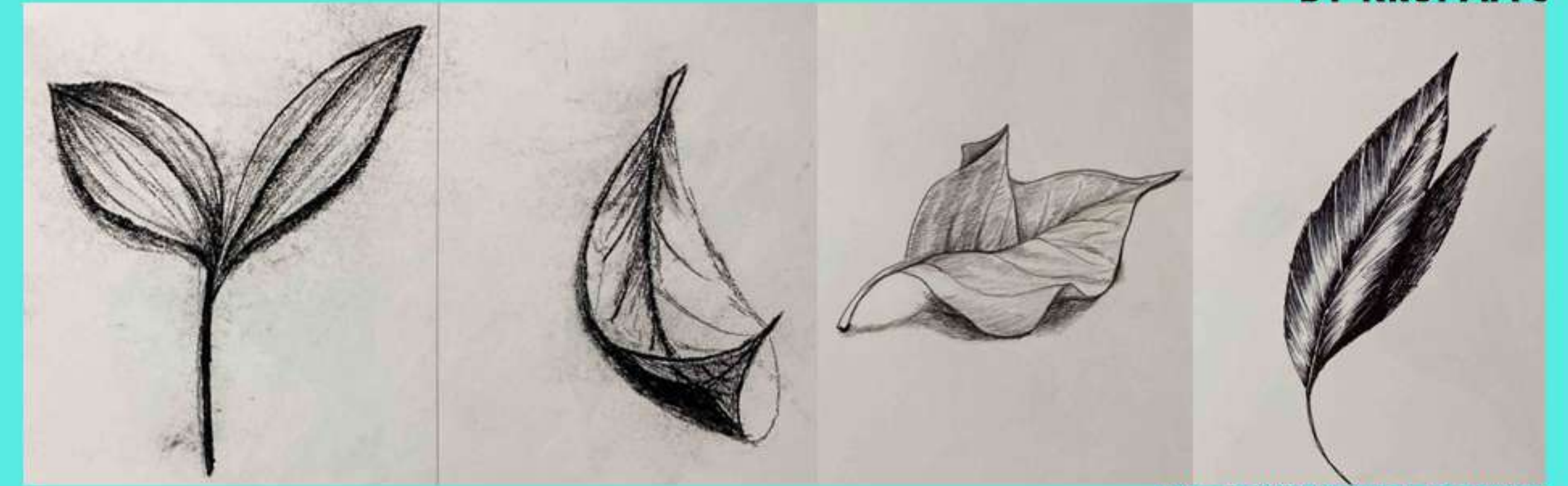
BY AATHIRA B

SEMESTER 1

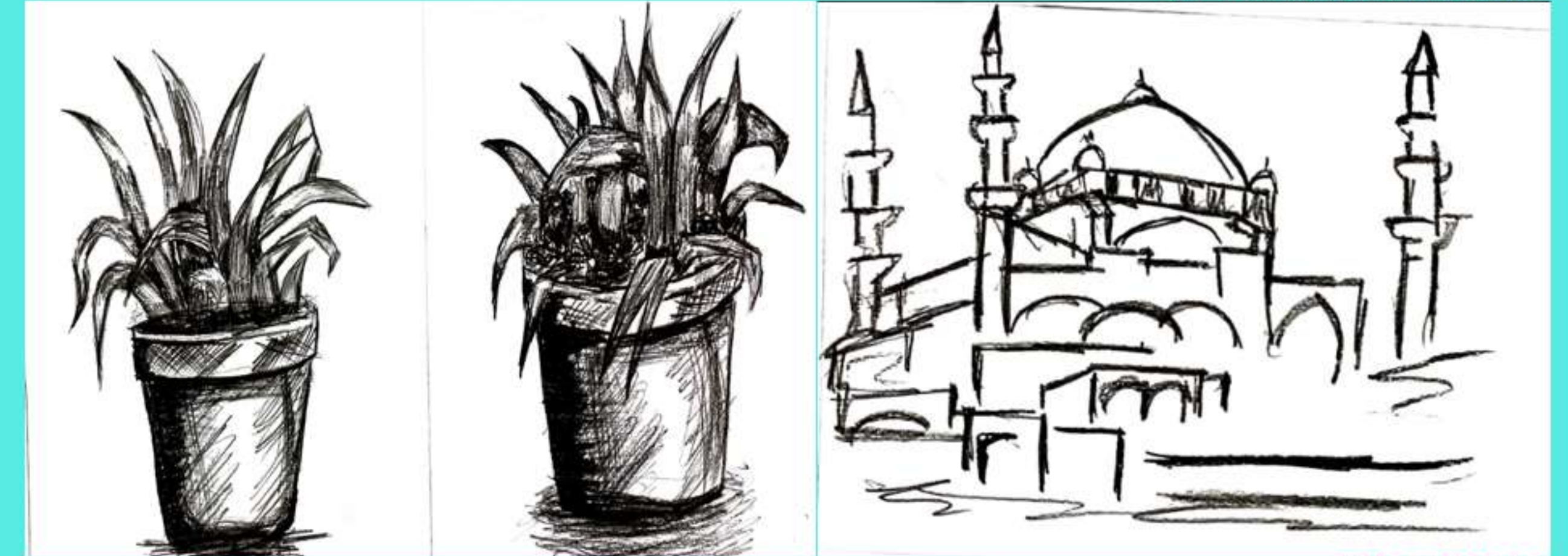
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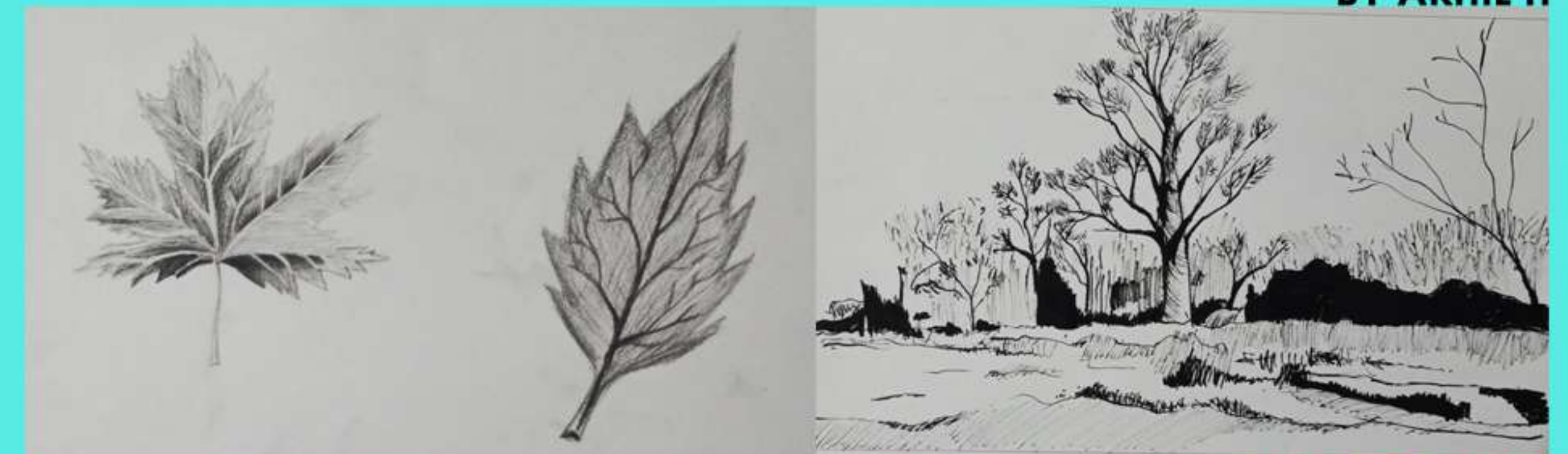
BY KRUPAA J



BY PRIYADHARSHINI



BY AKHIL H



BY YOGARAJ A

PRIMARY SCHOOL DESIGN & STUDENT'S CENTRE

FACULTY TEAM

1. Ar. G. Sudha
2. Ar. Manjari Krishnamoorthy
3. Ar. K. Kalaimathy
4. Ar. Vishva Dharani V M

SEMESTER 3

CONCEPT DEVELOPMENT

SPATIAL REQUIREMENTS

1. CLASSROOM *
2. STAFF ROOM *
3. PRINCIPAL'S ROOM *
4. VICE PRINCIPAL'S ROOM *
5. OFFICE *
6. CONFERENCE/EVENTS ROOM *
7. LOBBY *
8. WAITING AREA *
9. WASHROOM - GIRLS *
10. WASHROOM - BOYS *
11. HANDBASH AREA *
12. ACTIVITY ROOM *
13. ART ROOM *
14. MUSIC ROOM *
15. MATH LAB *
16. COMPUTER LAB *
17. YOGA ROOM *
18. SPORTS ROOM *
19. GYMNASIUM *
20. WASHROOM - STAFF *
21. SECURITY ROOM *
22. GYM ROOM *
23. CANTINEEN *
24. GYM/FIT *
25. TRACKING - BUS / CAR / TWO-WHEELER *
26. GYM/FIT / PARK *
27. LIBRARY *
28. ASSEMBLY HALL *
29. AMPHITHEATRE *
30. OUTDOOR - PLAYGROUND *
31. INDOOR - PLAY AREA *
32. AV ROOM *
33. EXTRA ACTIVITY ROOM *
34. NON-TEACHING STAFF ROOM *
35. SKATING RING *
36. OUTDOOR - COURT *

LEGEND

- PUBLIC SPACE
- SEMI-PUBLIC / SEMI-PRIVATE
- PRIVATE SPACE

CONCEPT

BUBBLE DIAGRAM

LEGEND

- ENTRY
- SEMI-PRIVATE CONNECTION
- PRIVATE CONNECTION
- ADJACENT
- VERTICULAR
- PUBLIC CONNECTION

CONCEPT

TREE - SCHOOL

EDUCATING / LEARNING IS LIKE A TREE. KNOWLEDGE IS LIKE A FRUIT. WATER THIS PLANT EVERYDAY. TO GROW THIS TREE FROM THE ROOT. ALWAYS IN GROWING YOUR CARE. TO MAKE IT ALIVE PERSISTENCE AND PERSEVERANCE MAKE A FRUITFUL LIFE.

LEGEND

- PUBLIC SPACE
- SEMI-PUBLIC / SEMI-PRIVATE
- PRIVATE SPACE

ELEMENTS TO BE CONSIDERED

BRIGHTENING

AIR AND VENTILATION
CIRCULATION
INTERACTIVITY
BIOPHILIC
VISO-VISUAL
TEMPERATURE REGULATION
COMFORT

LEGEND

- PUBLIC SPACE
- SEMI-PUBLIC / SEMI-PRIVATE
- PRIVATE SPACE

LEGEND

- PUBLIC SPACE
- SEMI-PUBLIC / SEMI-PRIVATE
- PRIVATE SPACE

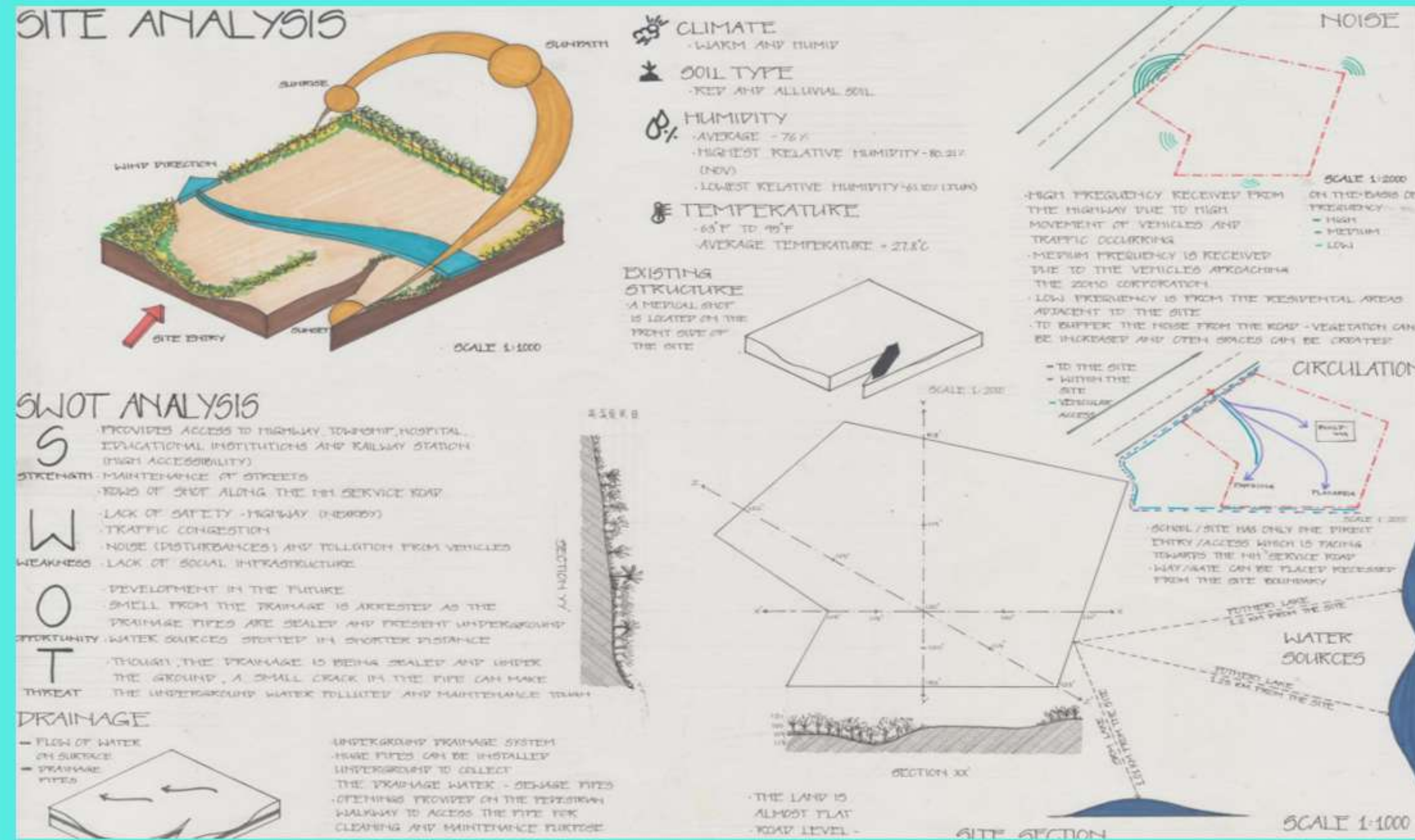


BY SHUBHASHRI

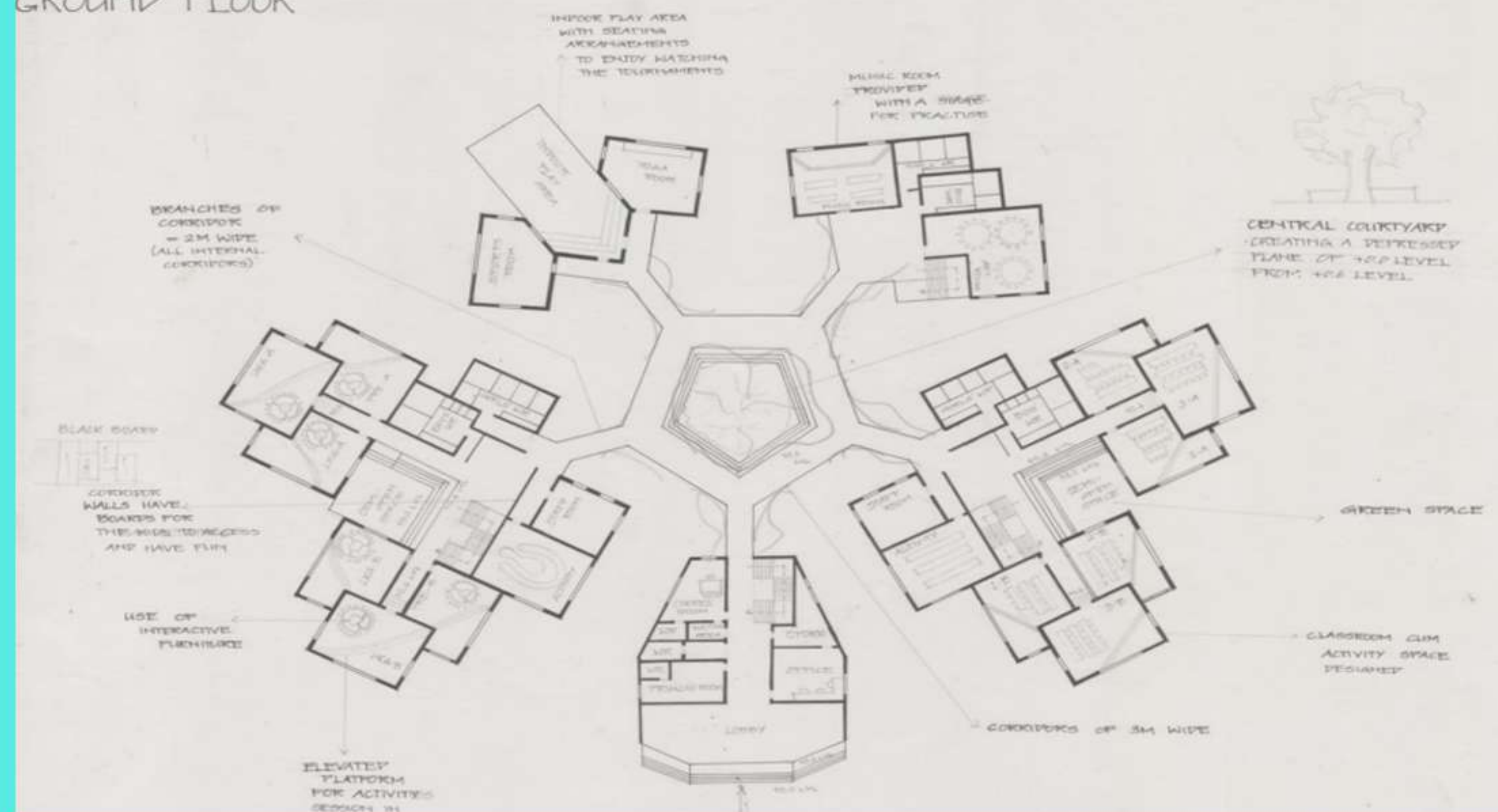
SEMESTER 3

B.ARCH

SITE ANALYSIS



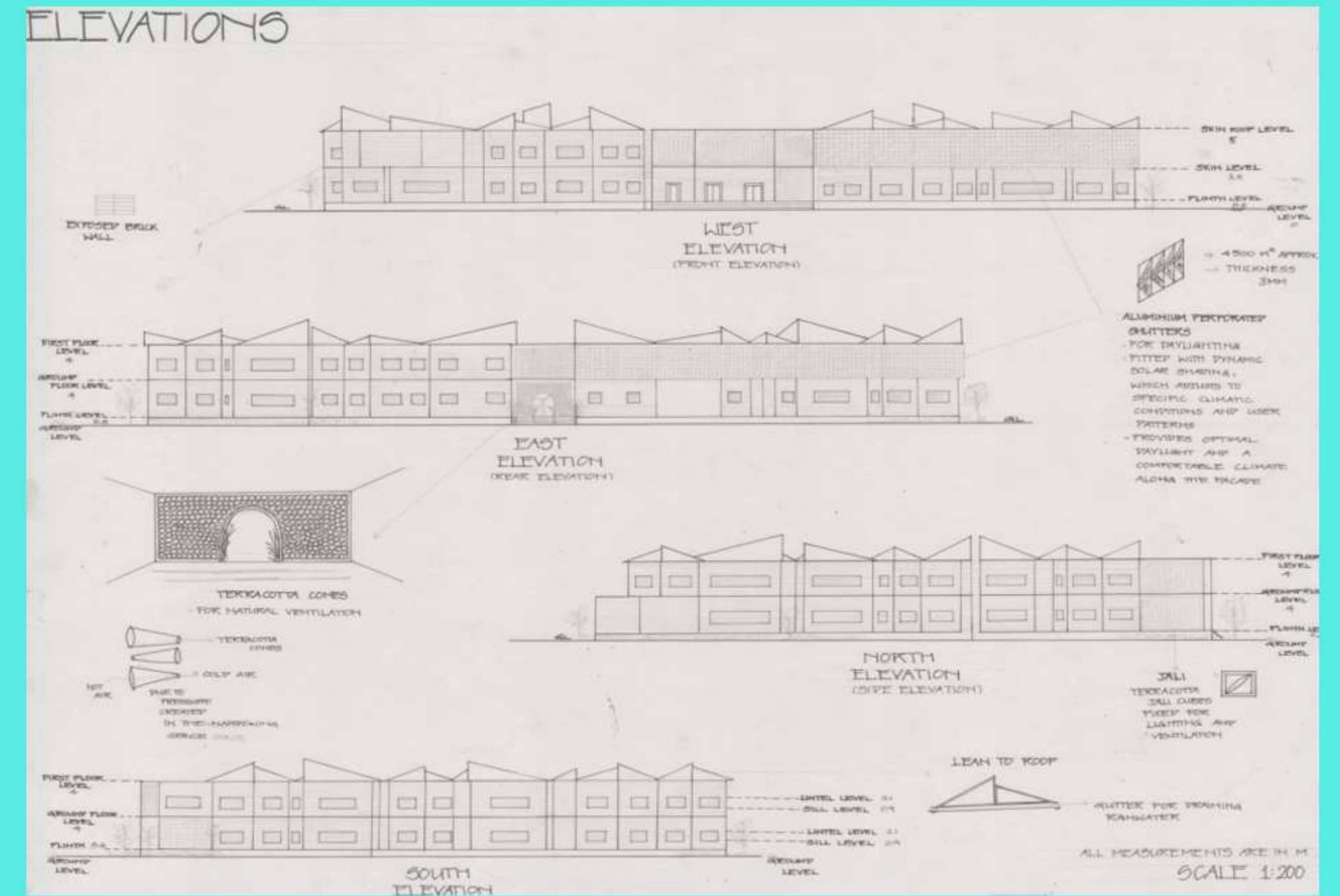
FLOOR PLAN GROUND FLOOR



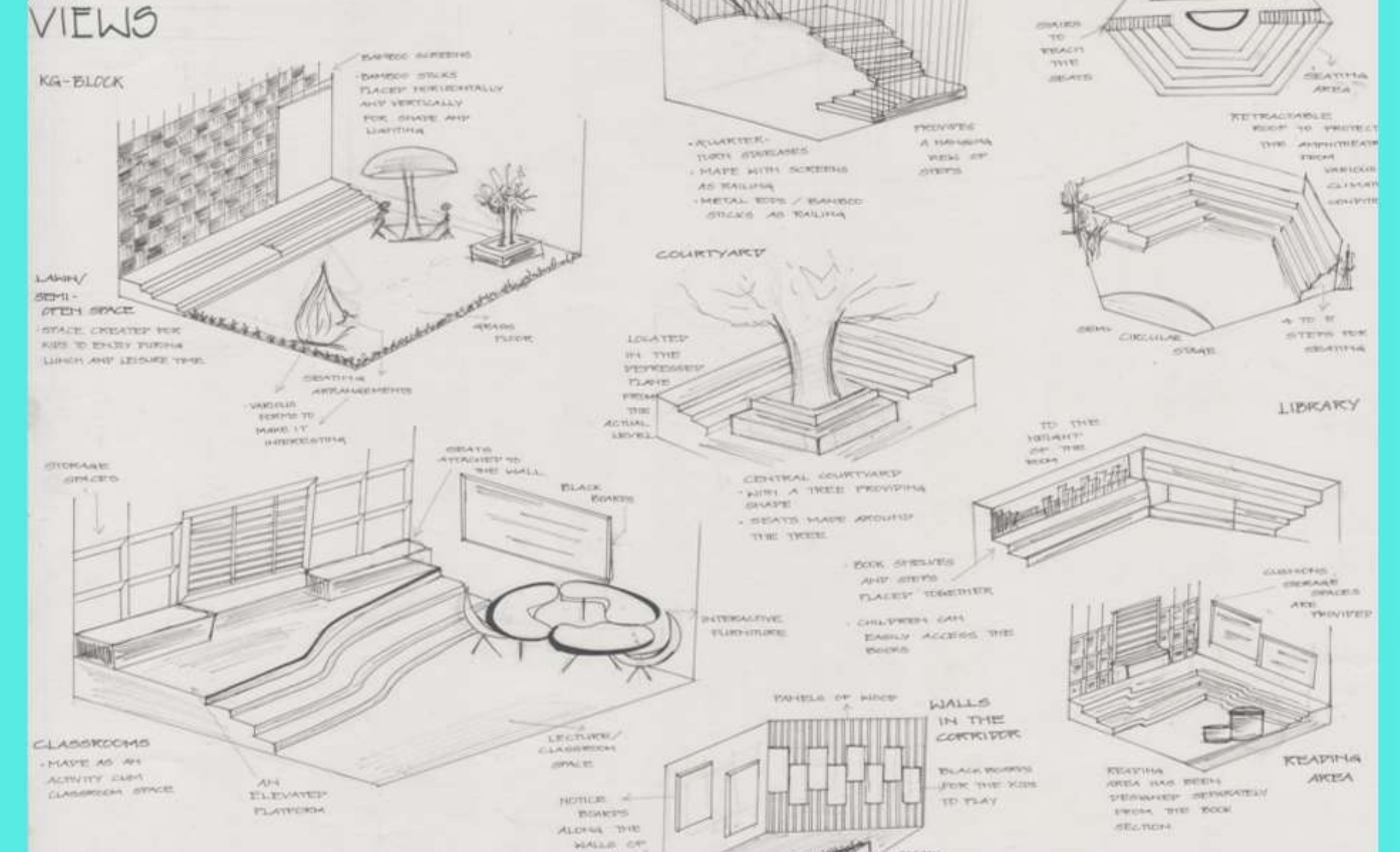
SEMESTER 3

B.ARCH

ELEVATIONS



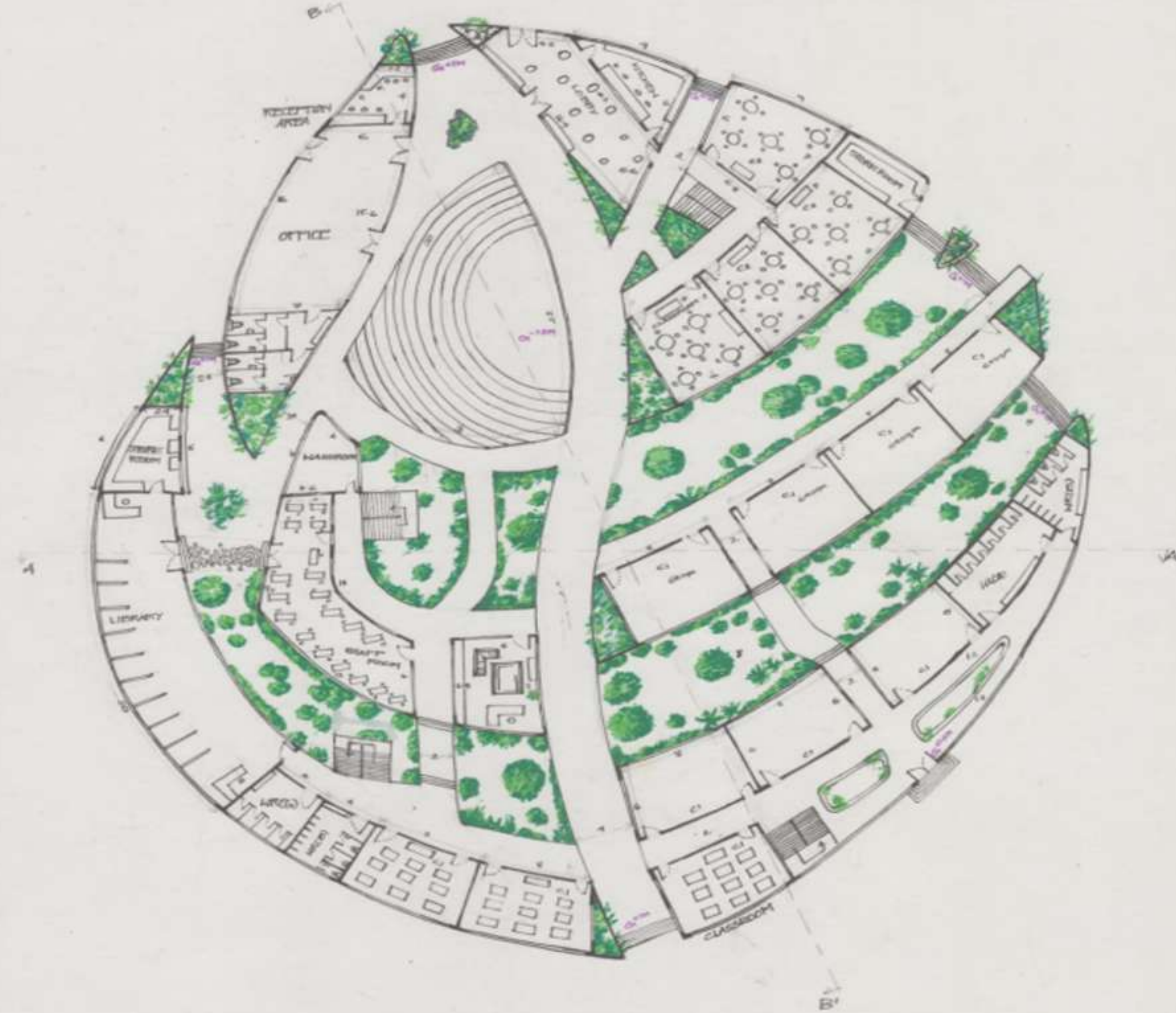
SKETCHES AND VIEWS



SEMESTER 3

B.ARCH

GROUND FLOOR PLAN



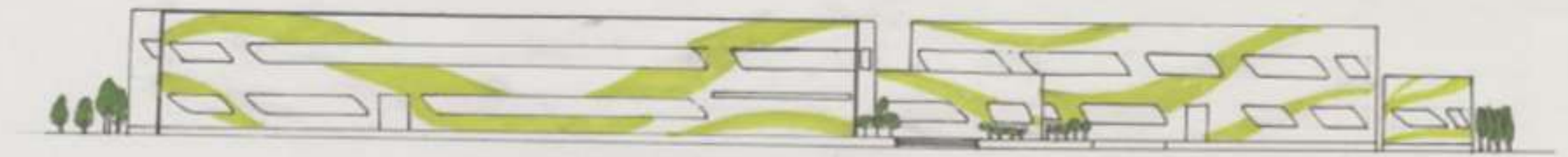
SECTION BB'



SECTION AA'

SEMESTER 3

B.ARCH



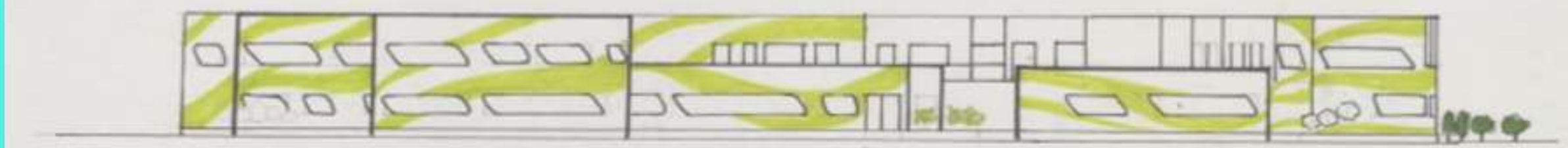
NORTH ELEVATION



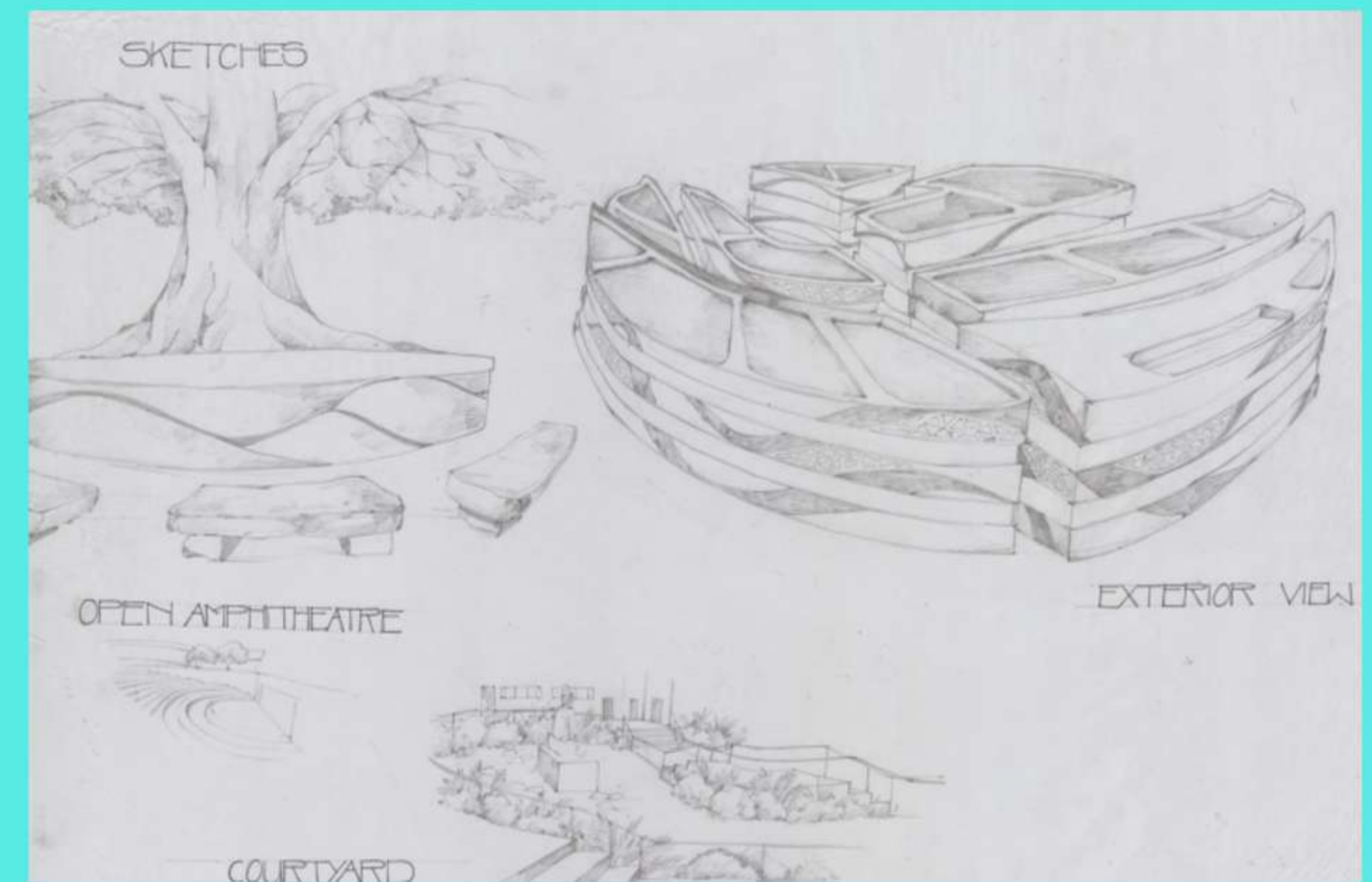
SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION

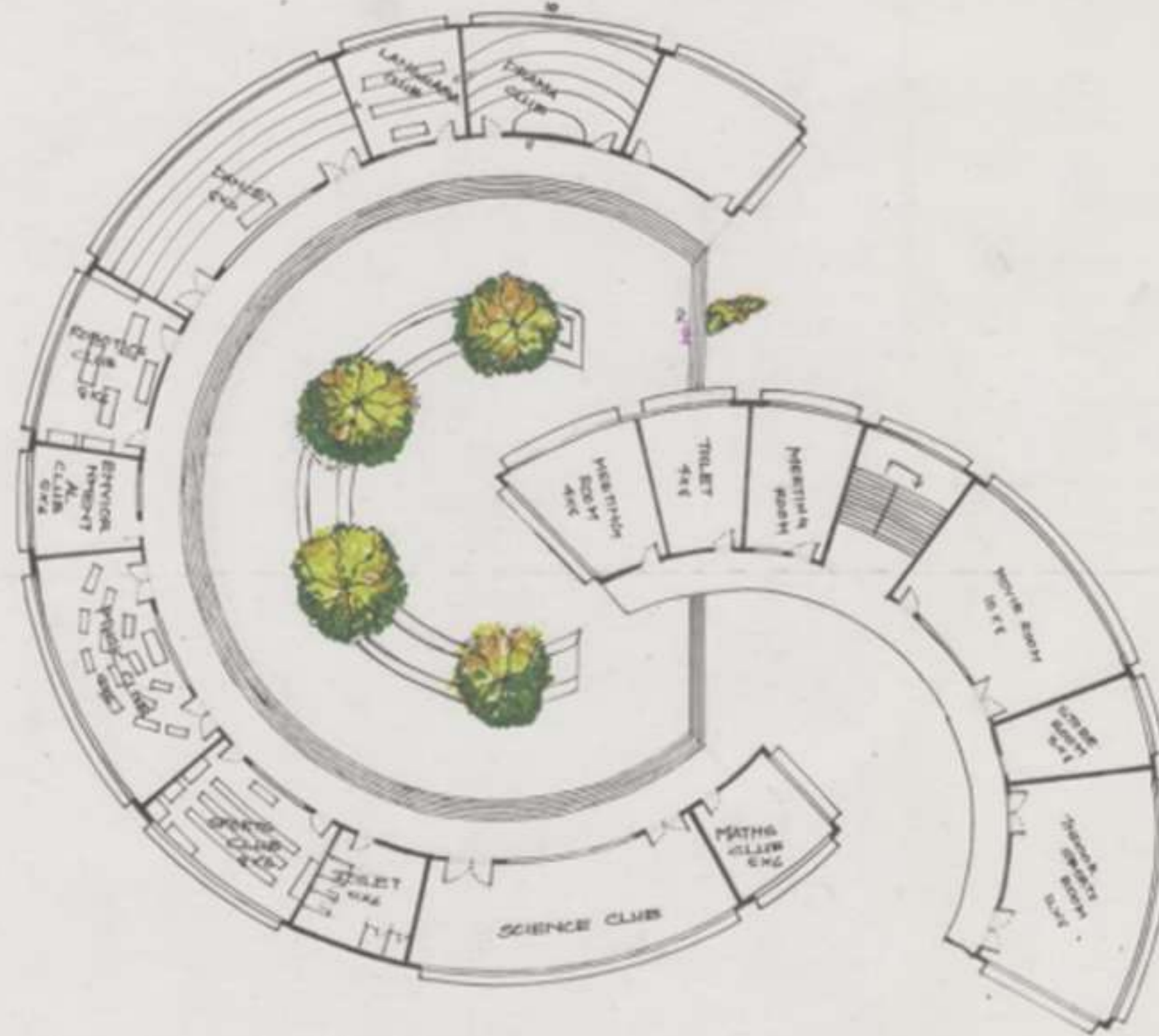


BY NANDHU

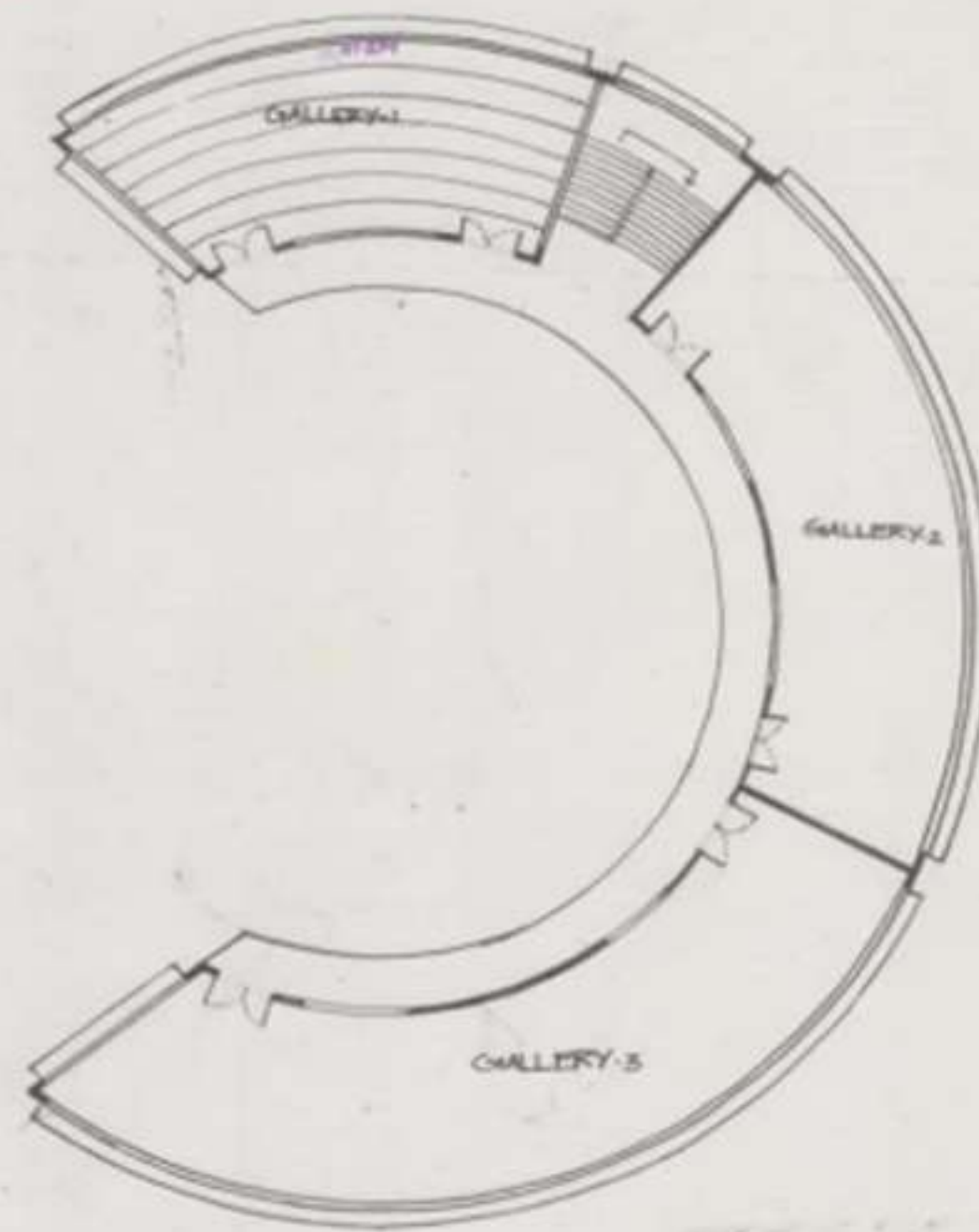
SEMESTER 3

B.ARCH

GROUND FLOOR PLAN



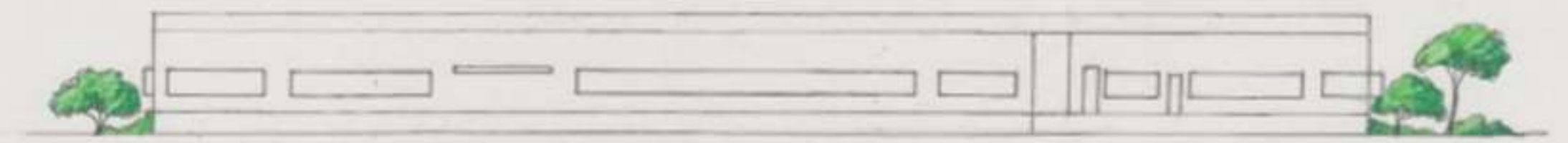
FIRST FLOOR PLAN



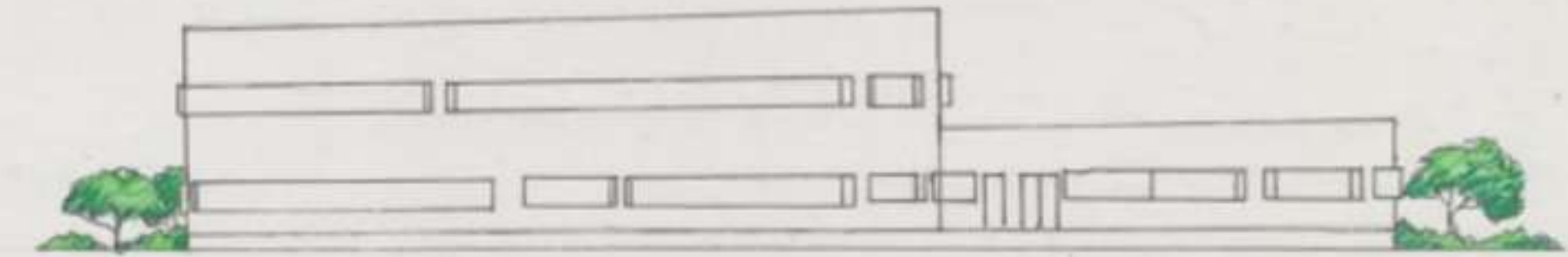
SCALE 1:200

SEMESTER 3

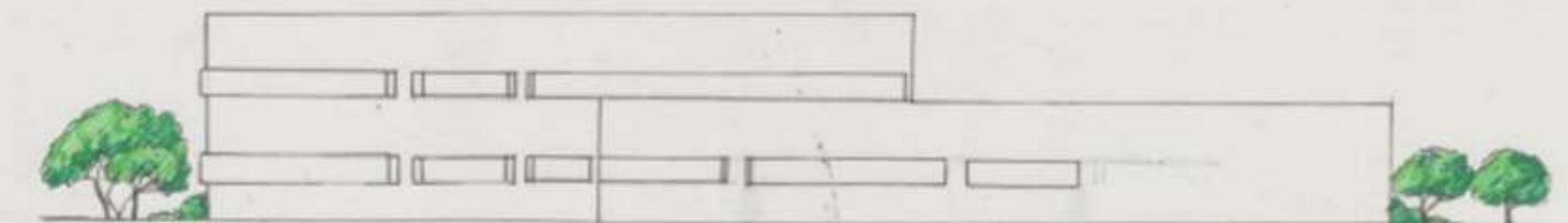
B.ARCH



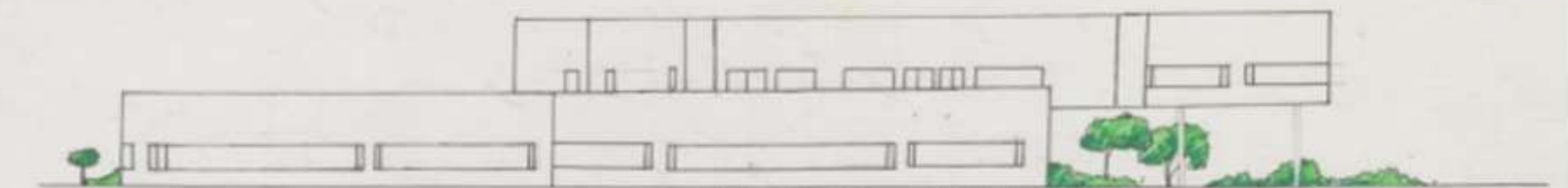
NORTH SIDE ELEVATIONS



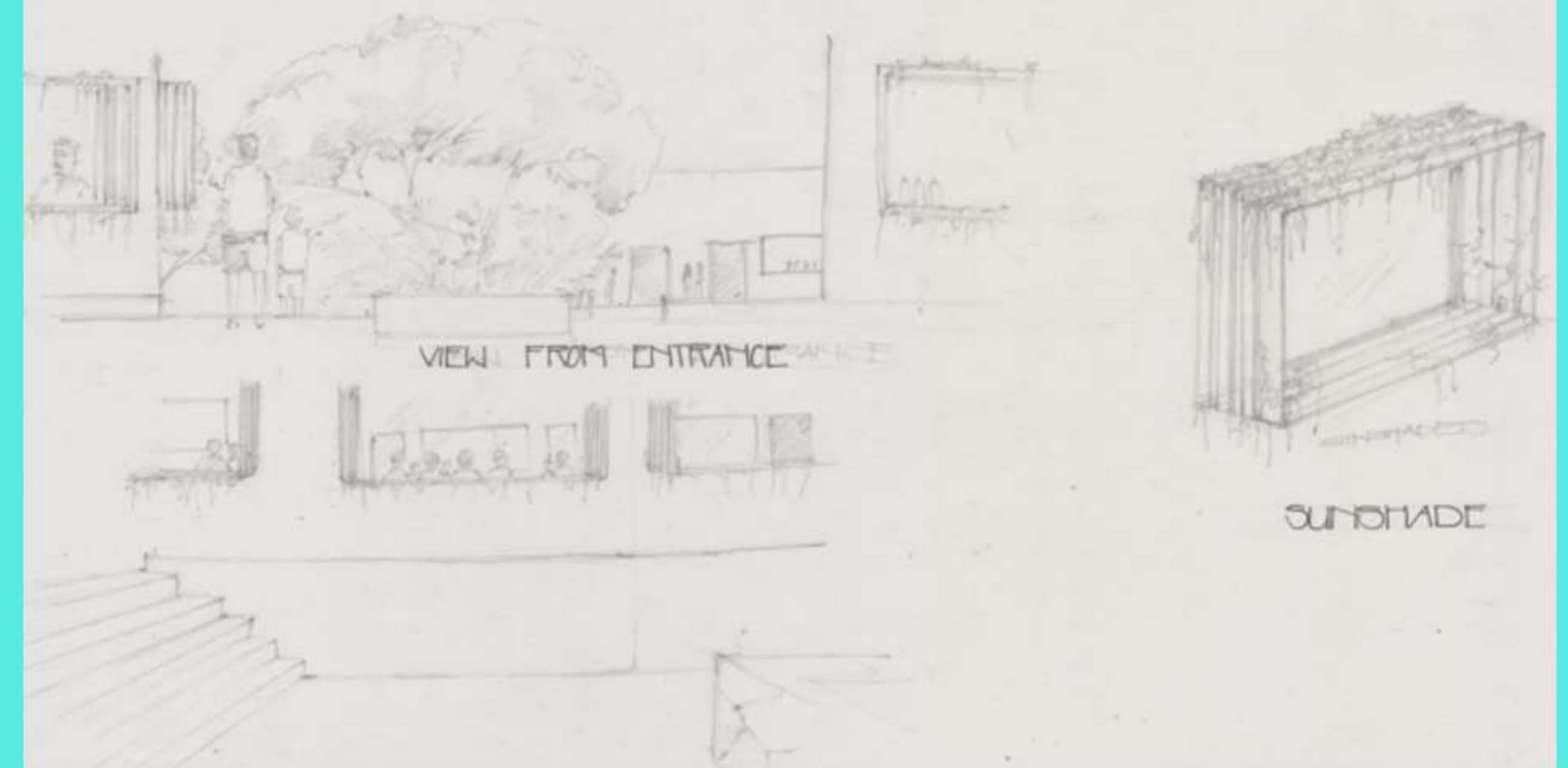
WEST SIDE ELEVATIONS



EAST SIDE ELEVATION



SOUTH SIDE ELEVATION



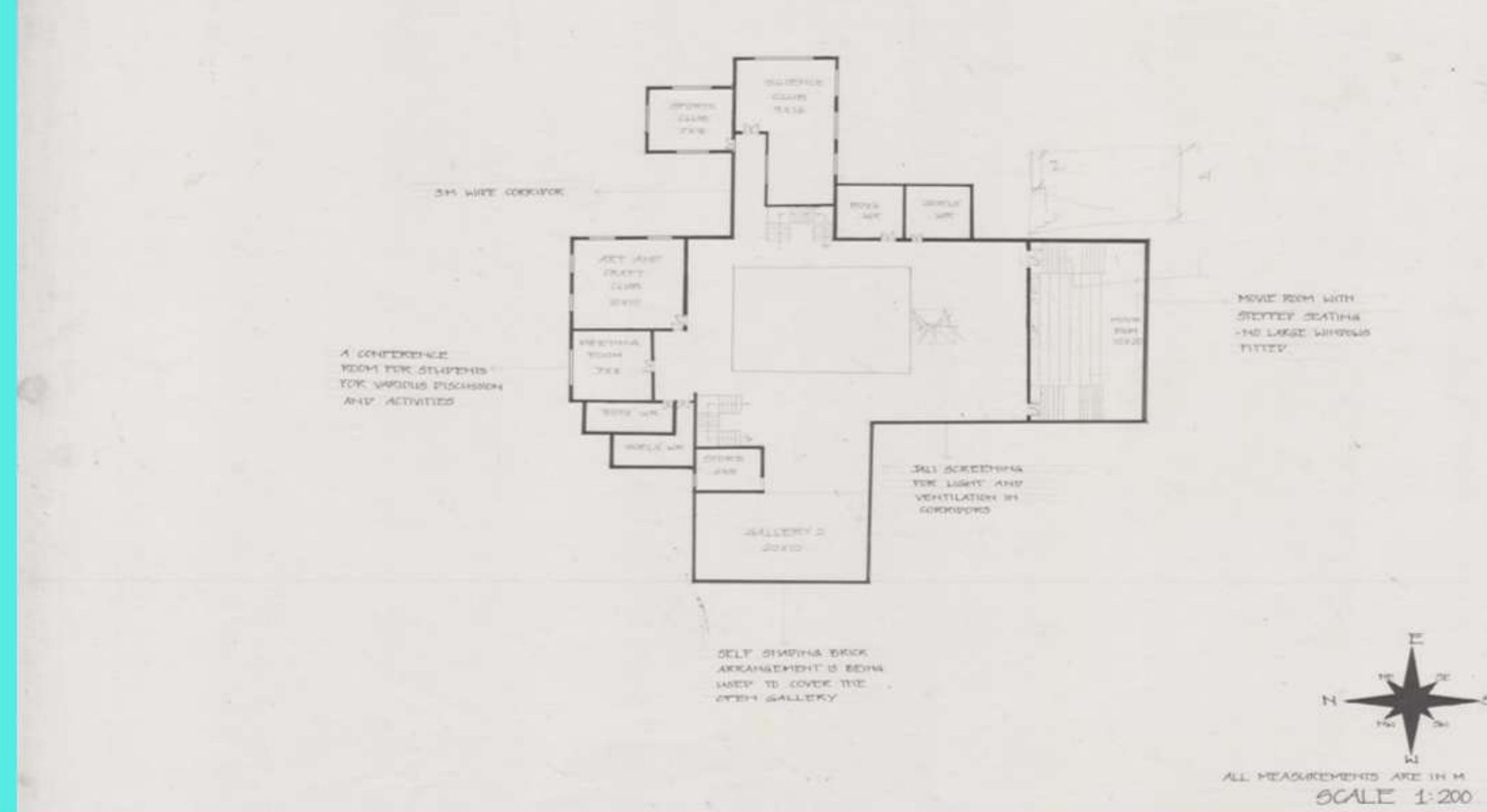
SUNSHADE

BY NANDHU

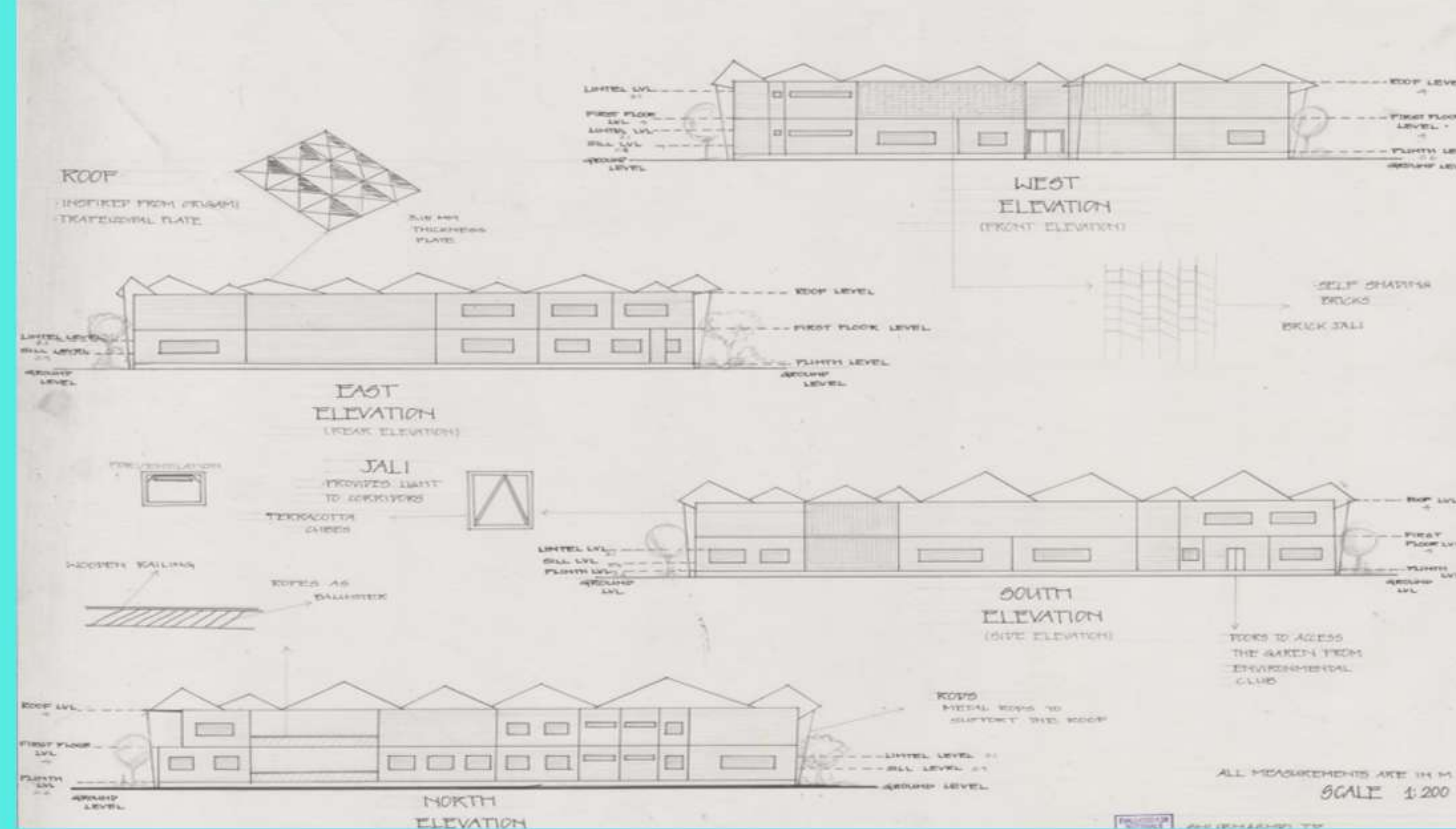
SEMESTER 3

B.ARCH

FLOOR PLAN FIRST FLOOR



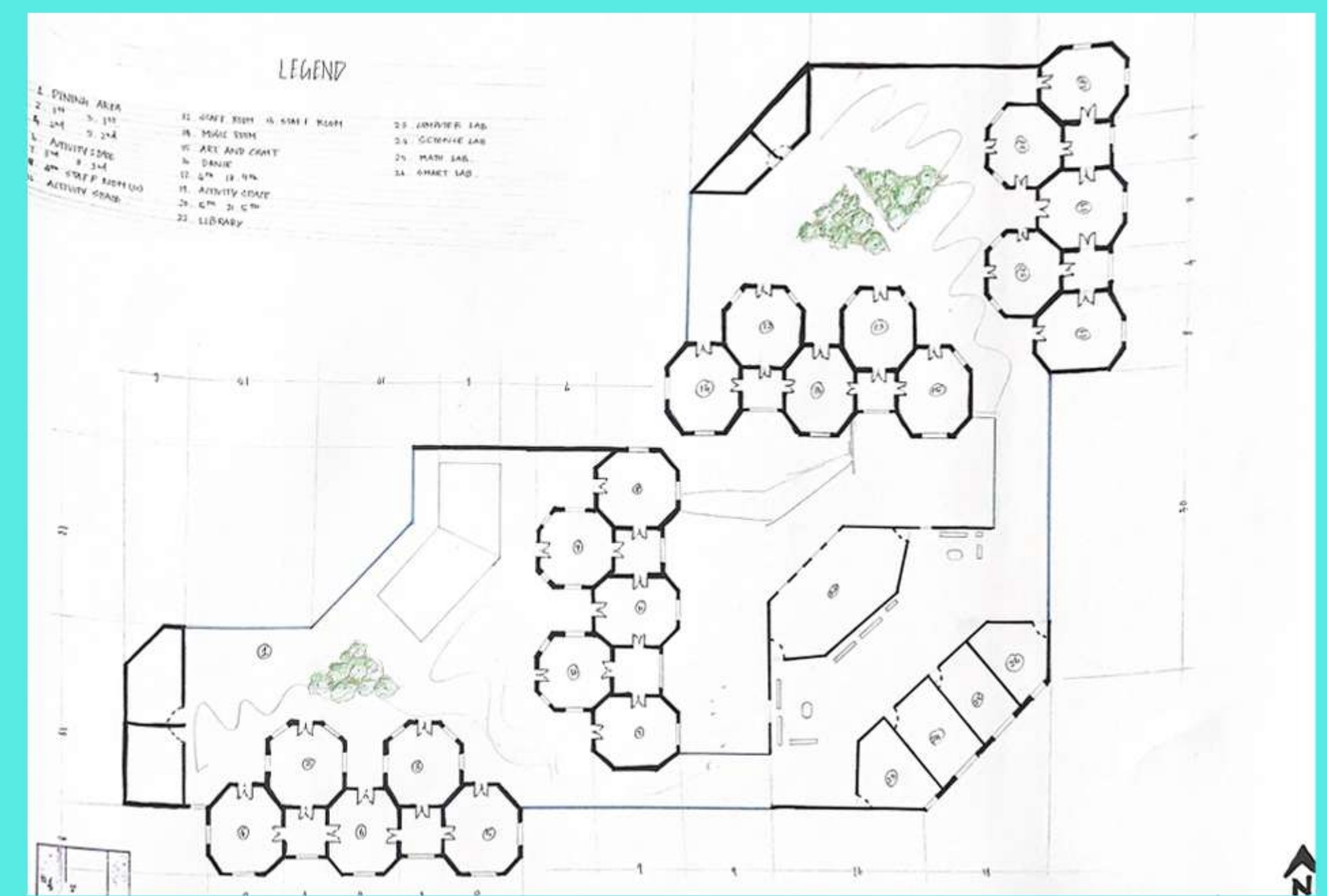
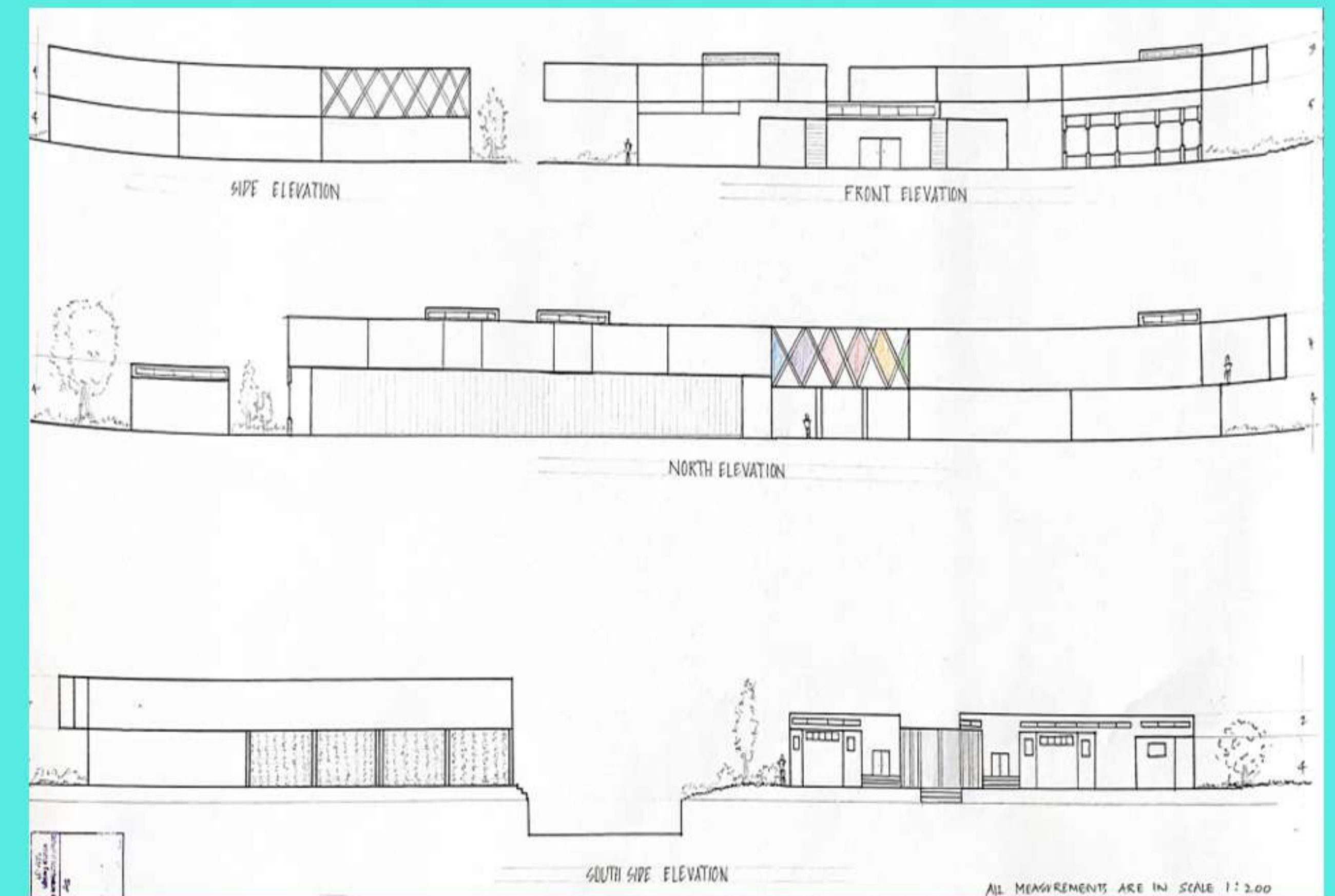
ELEVATIONS



BY SHUBHASHRI

SEMESTER 3

B.ARCH



BY VISHNU PRIYA

SEMESTER 5

CULTURAL CENTRE & HOSPITAL

Semester 5 aims at focusing the needs and evolving a HEALTHCARE FUNCTIONAL PROGRAM with modern requirements. To develop a SPACE PROGRAM and people WORK FLOW for proposed hospital and Cultural centre. To understand the issues in planning and social structuring involved in design development.

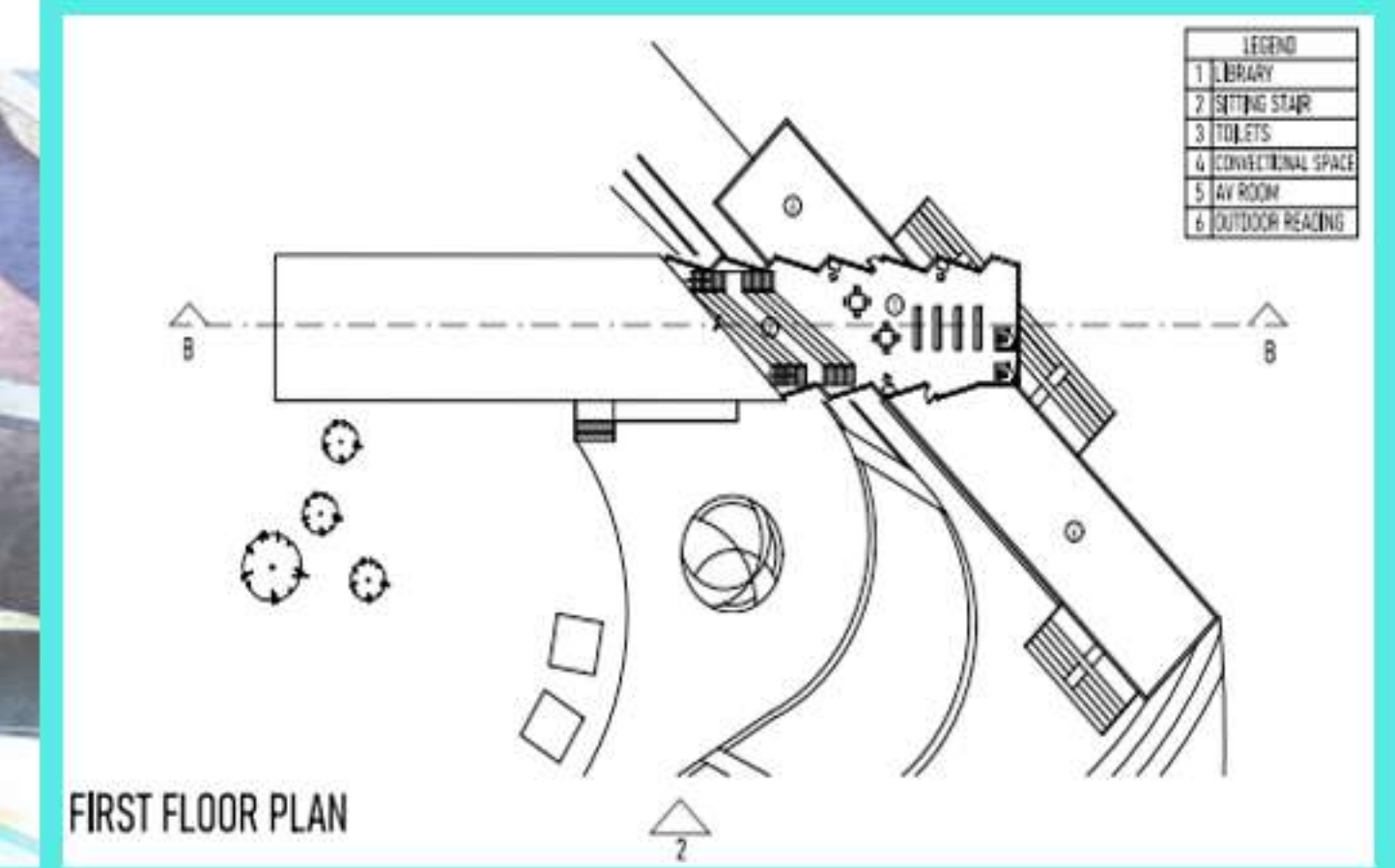
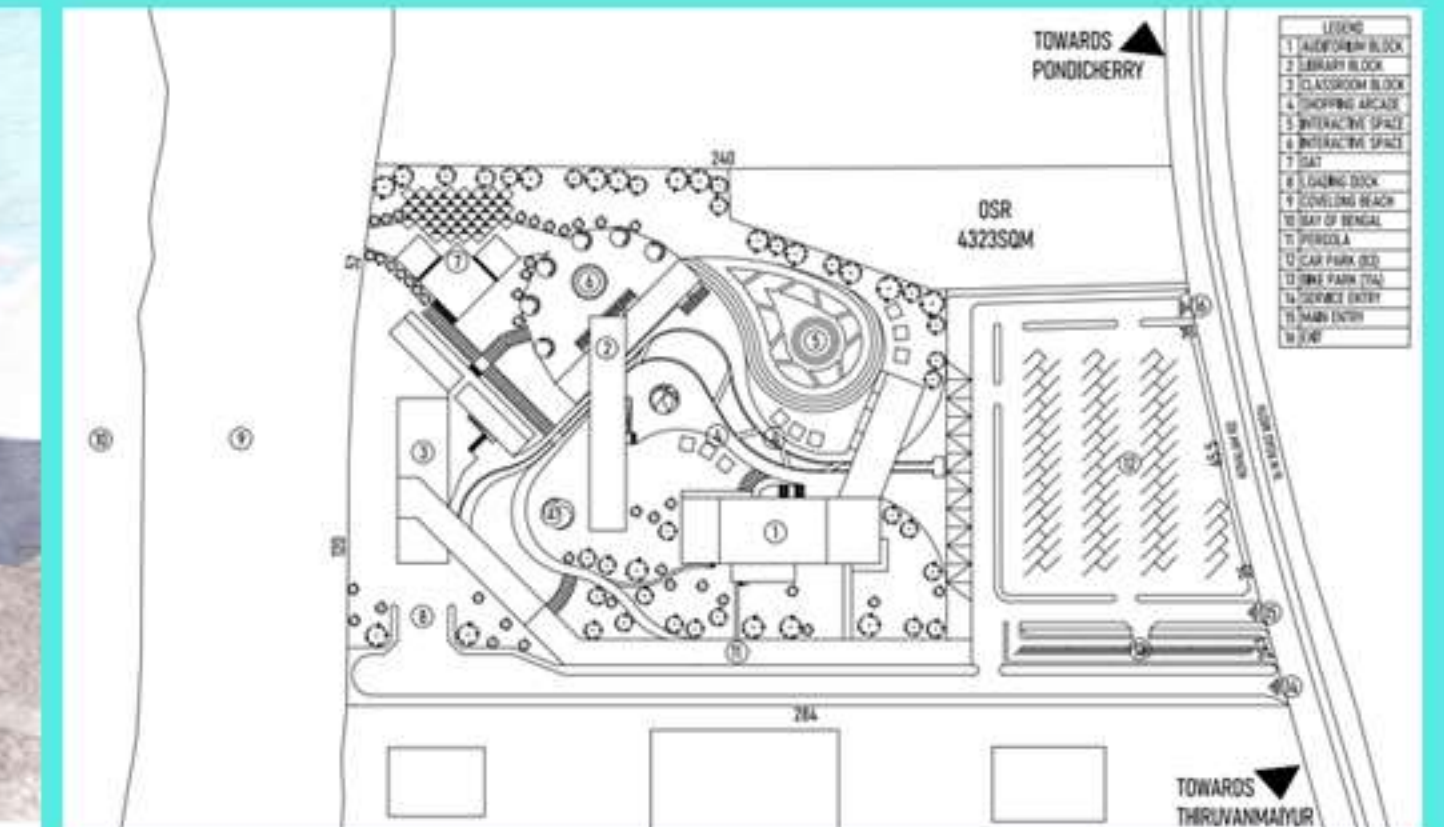
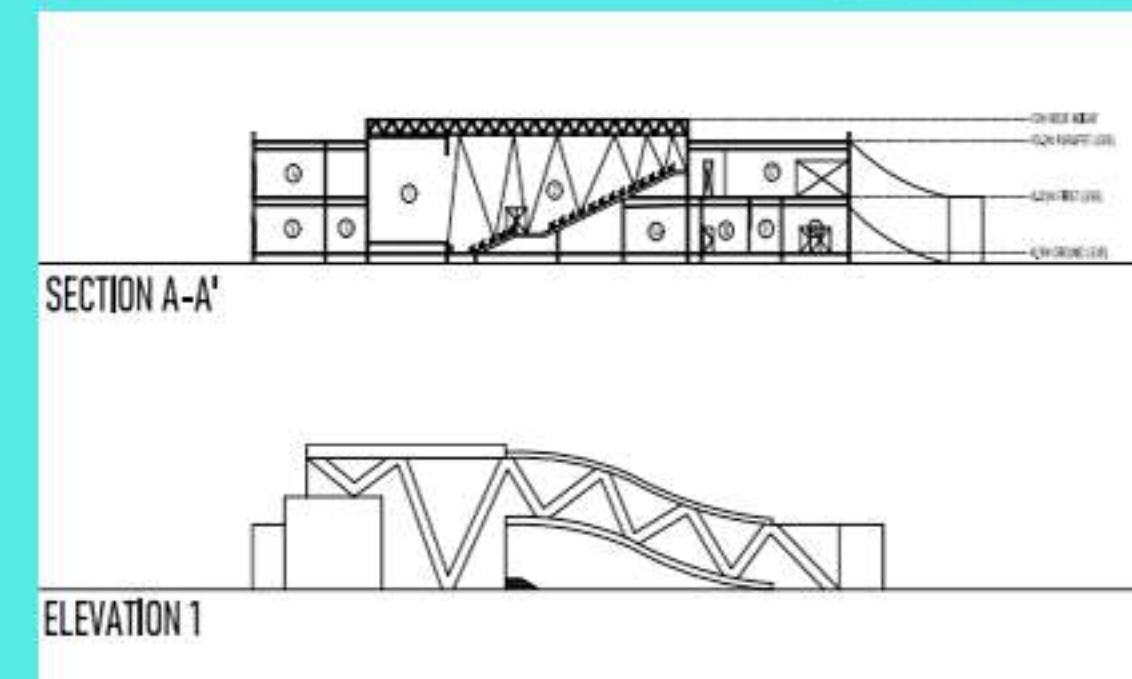
FACULTY TEAM

1. Prof. Dr. K. Geetha
2. Prof. Dr. K. Anantha Narayana
3. Ar. Kavitha.G
4. Dr. Kousalya Devi
5. Ar. Pooja Kripanithi
6. Ar. Prasanna

B.ARCH

SEMESTER 5

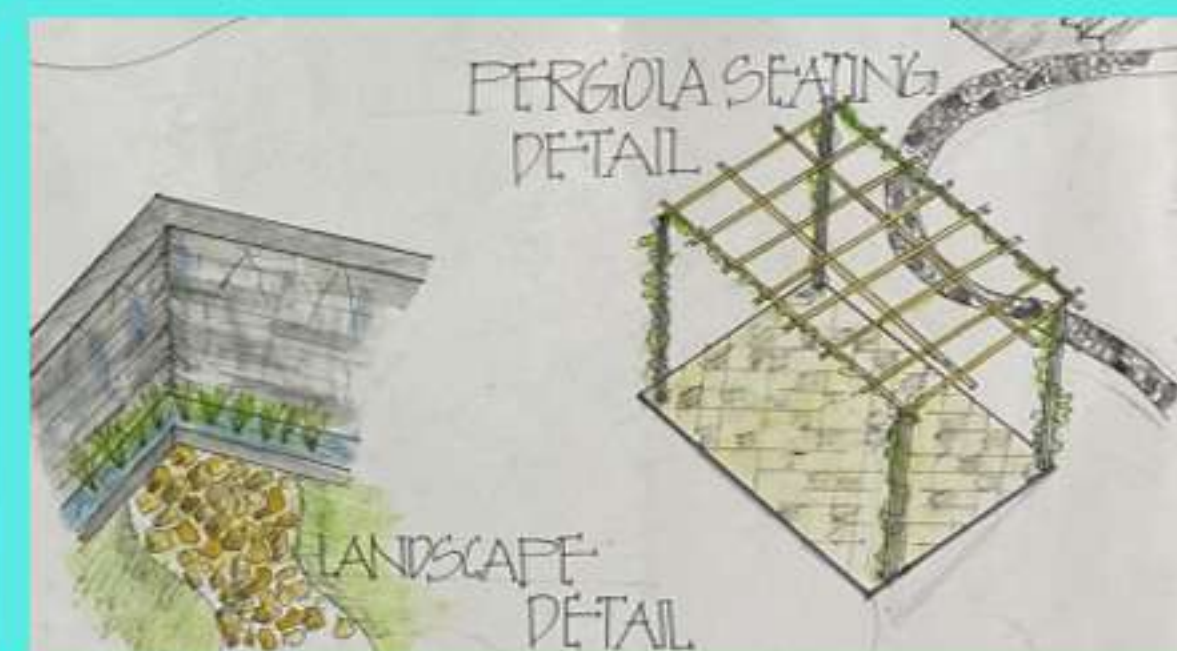
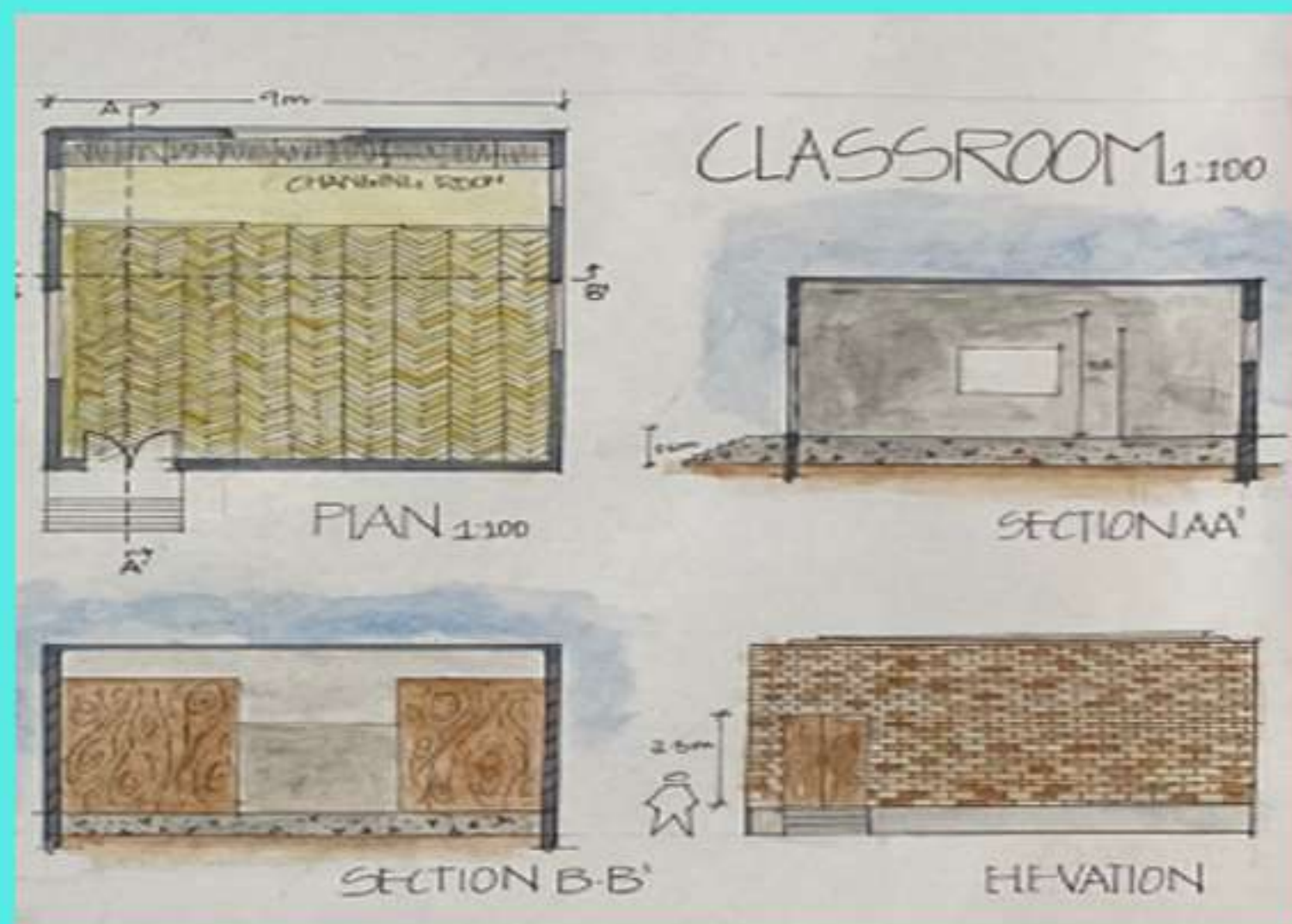
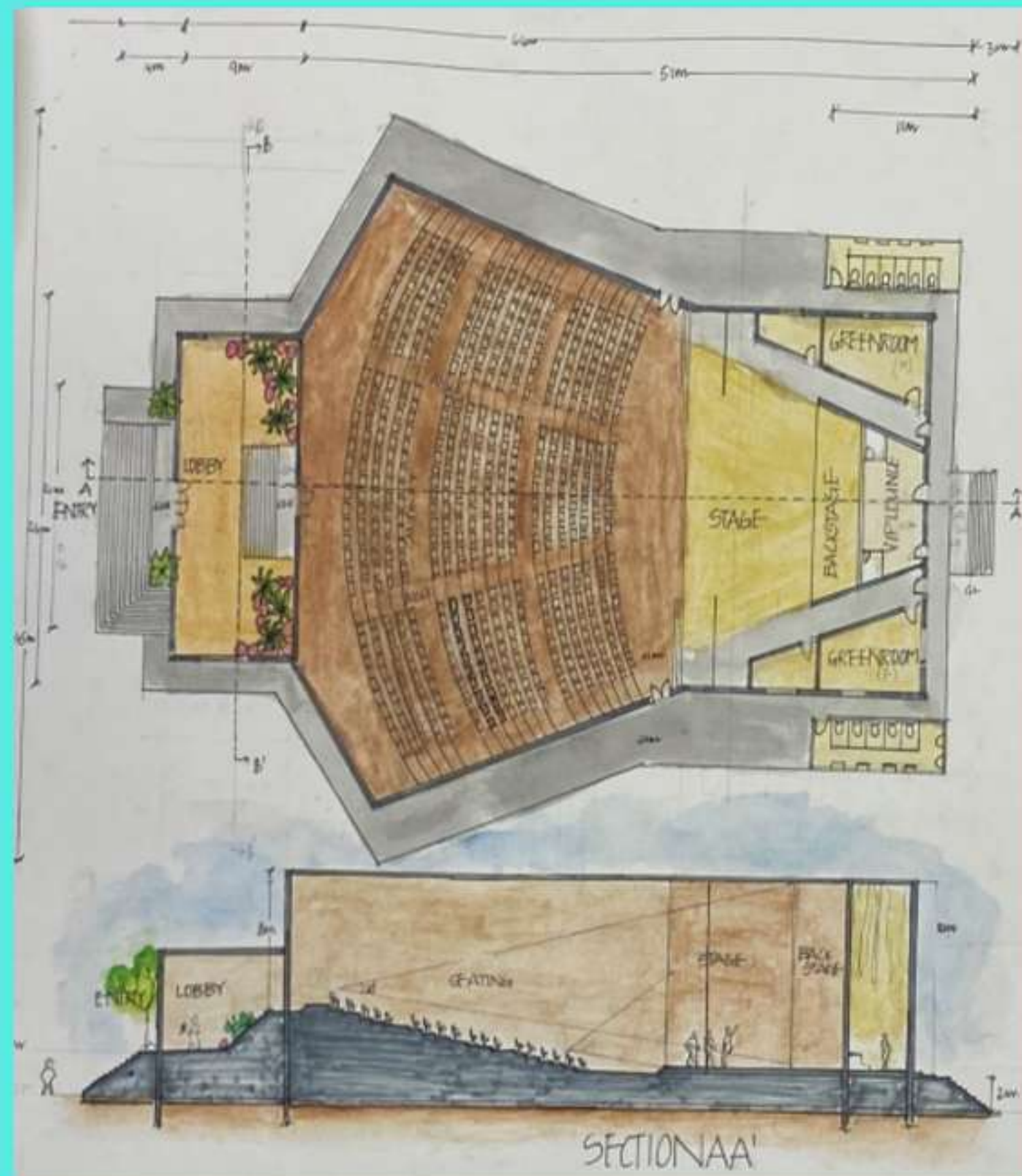
B.ARCH



BY PRAGATHES.V

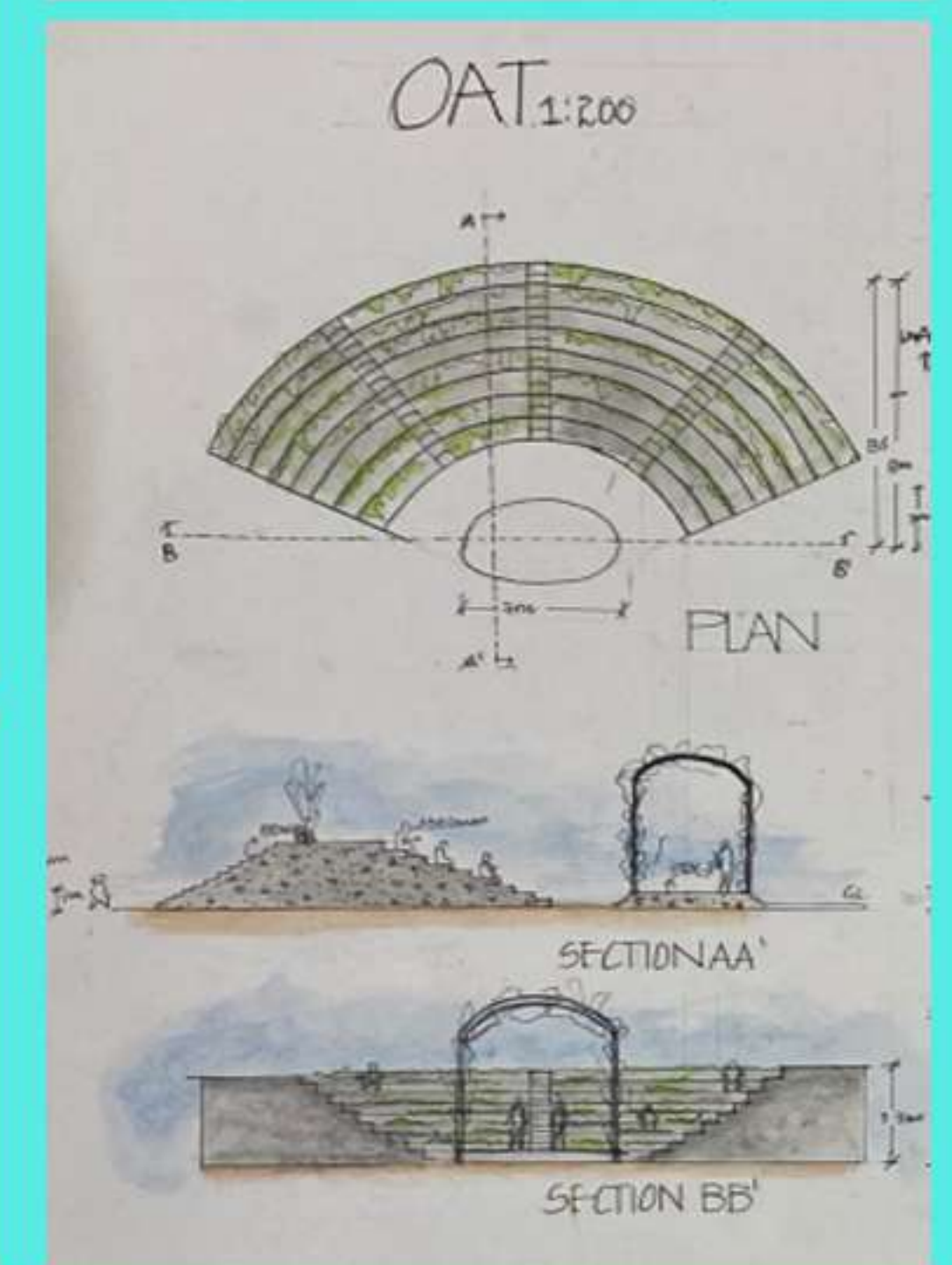
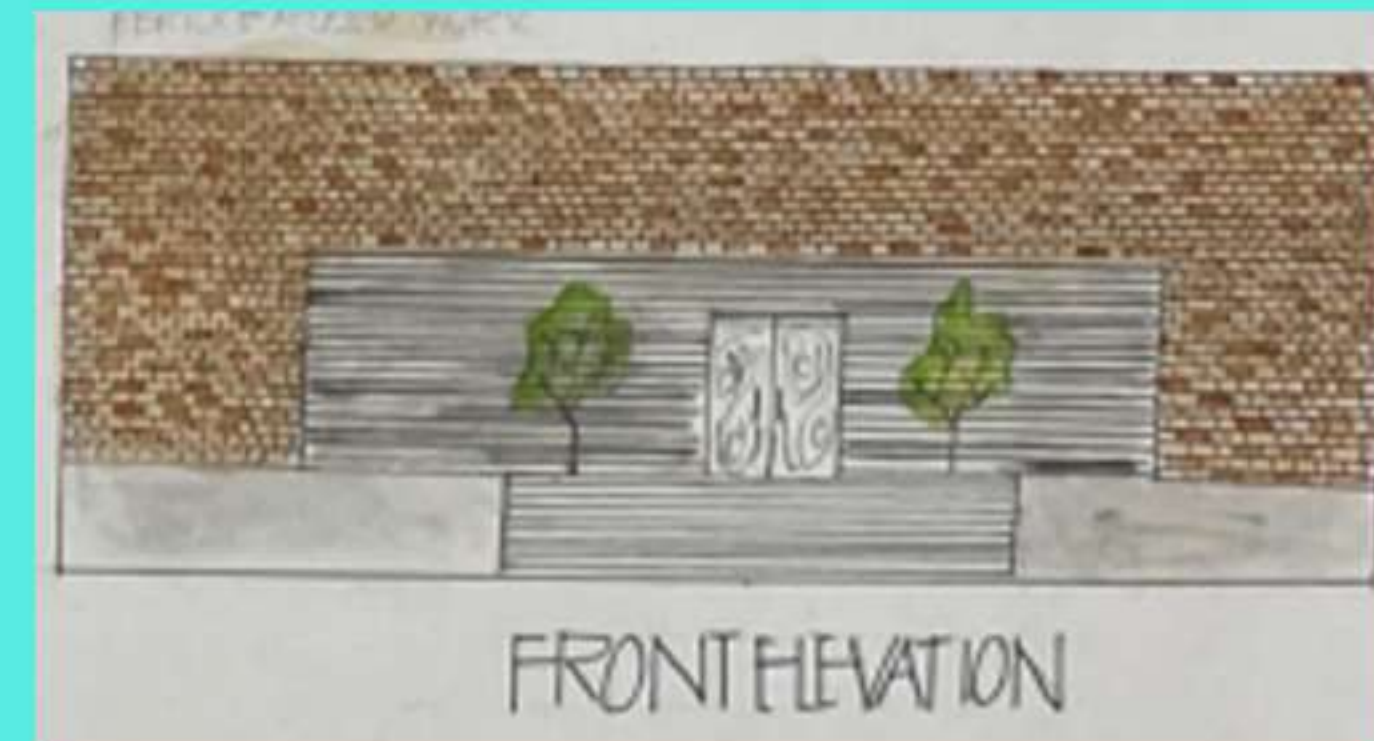
SEMESTER 5

B.ARCH



SEMESTER 5

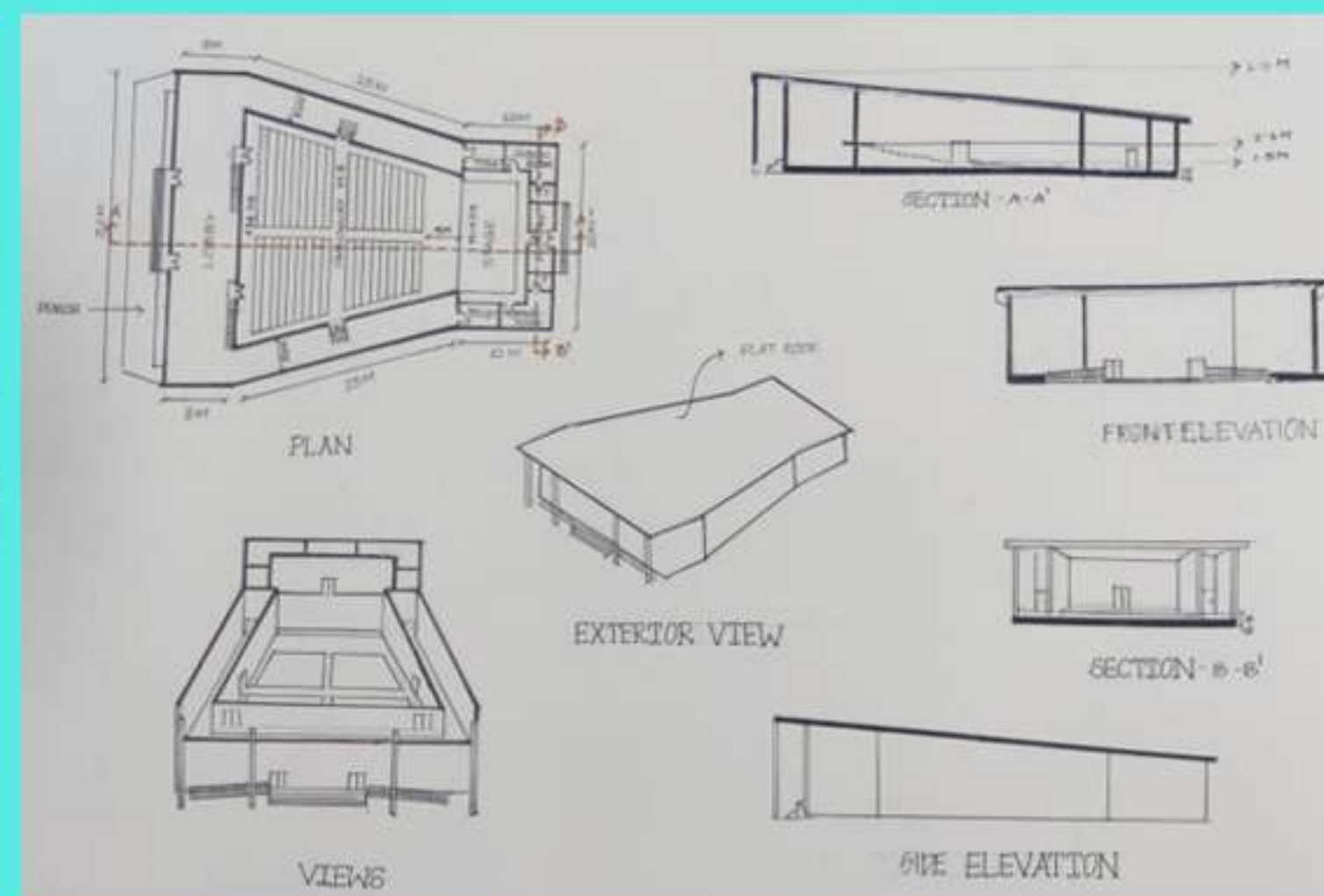
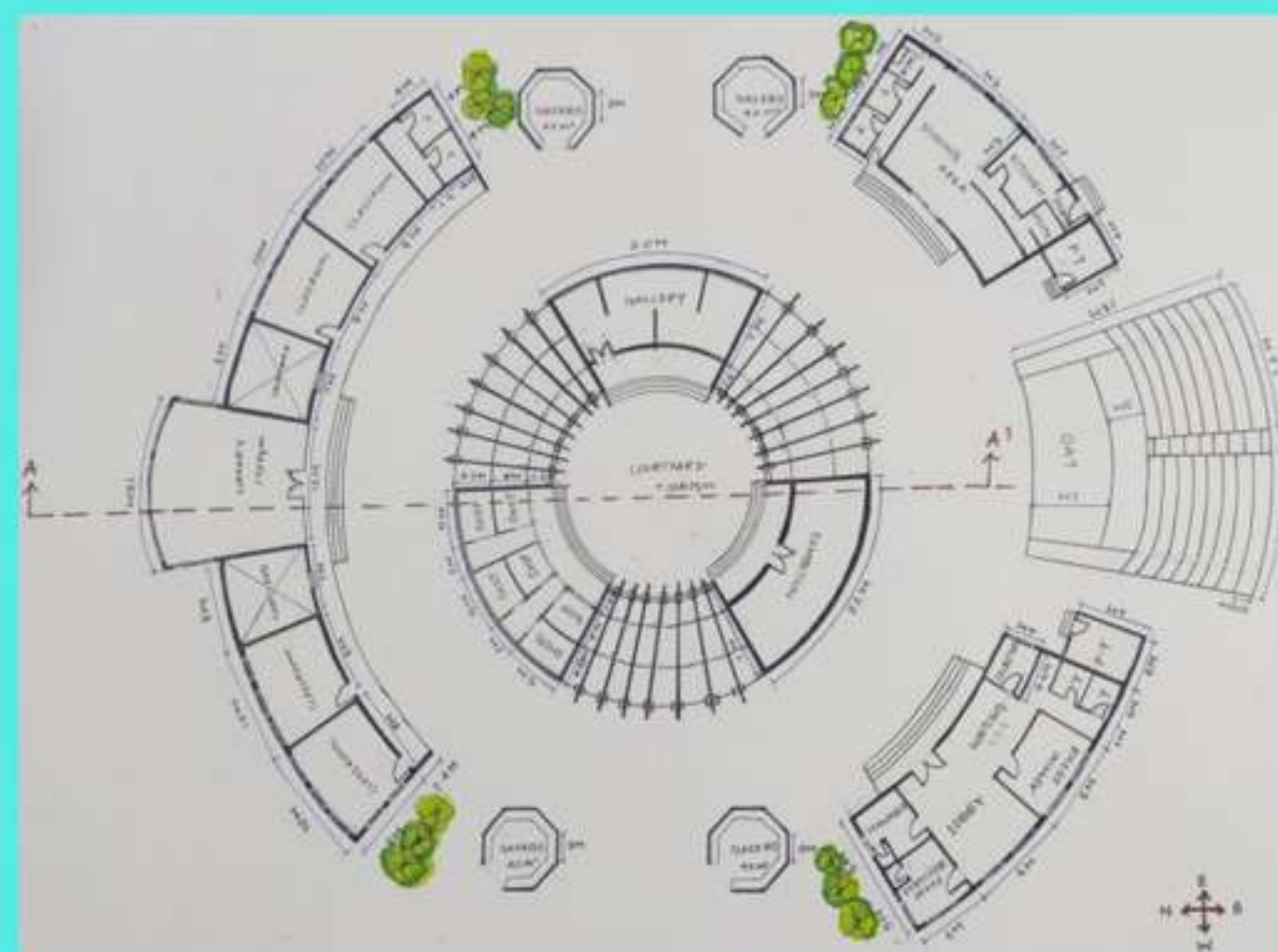
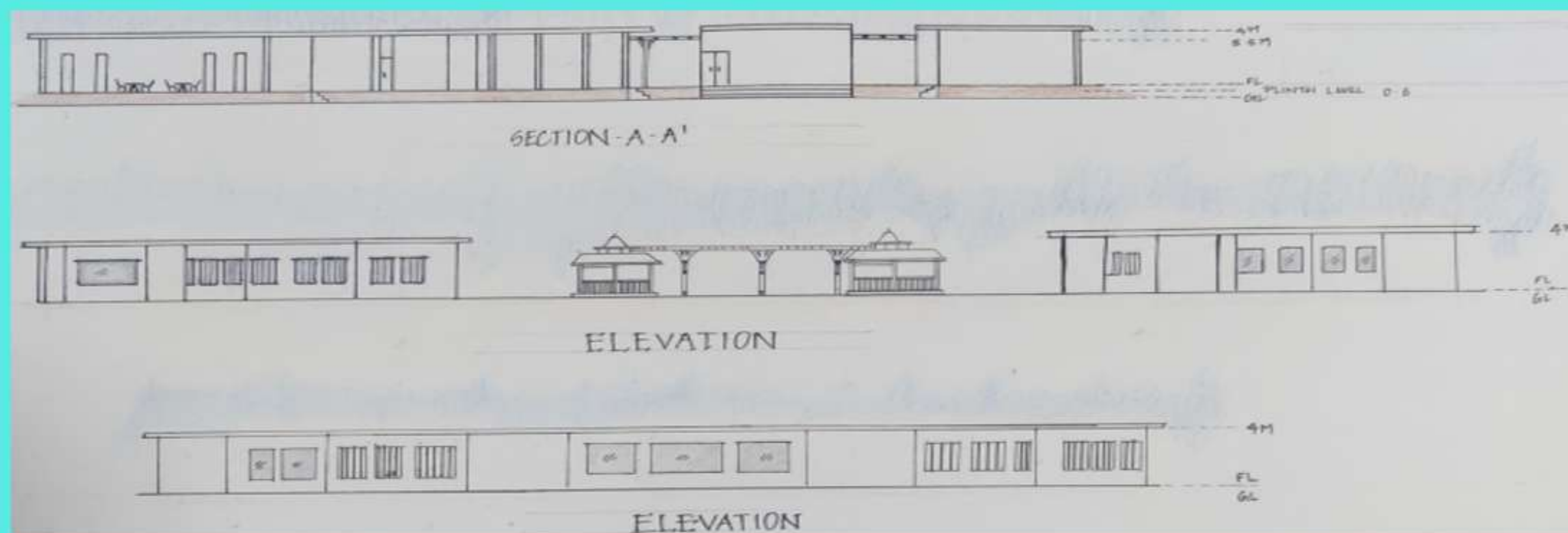
B.ARCH



BY SHANMUKHA SRI

SEMESTER 5

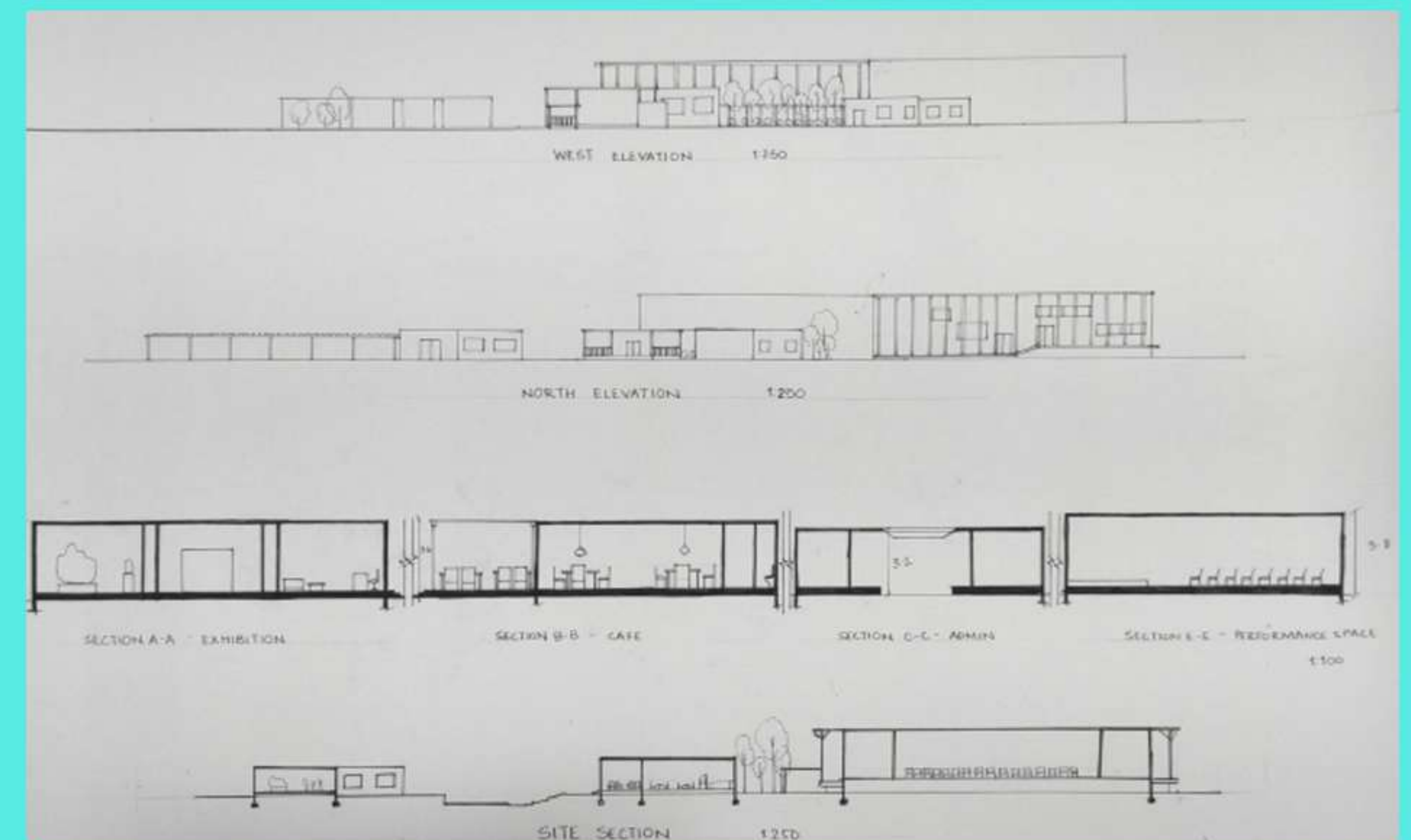
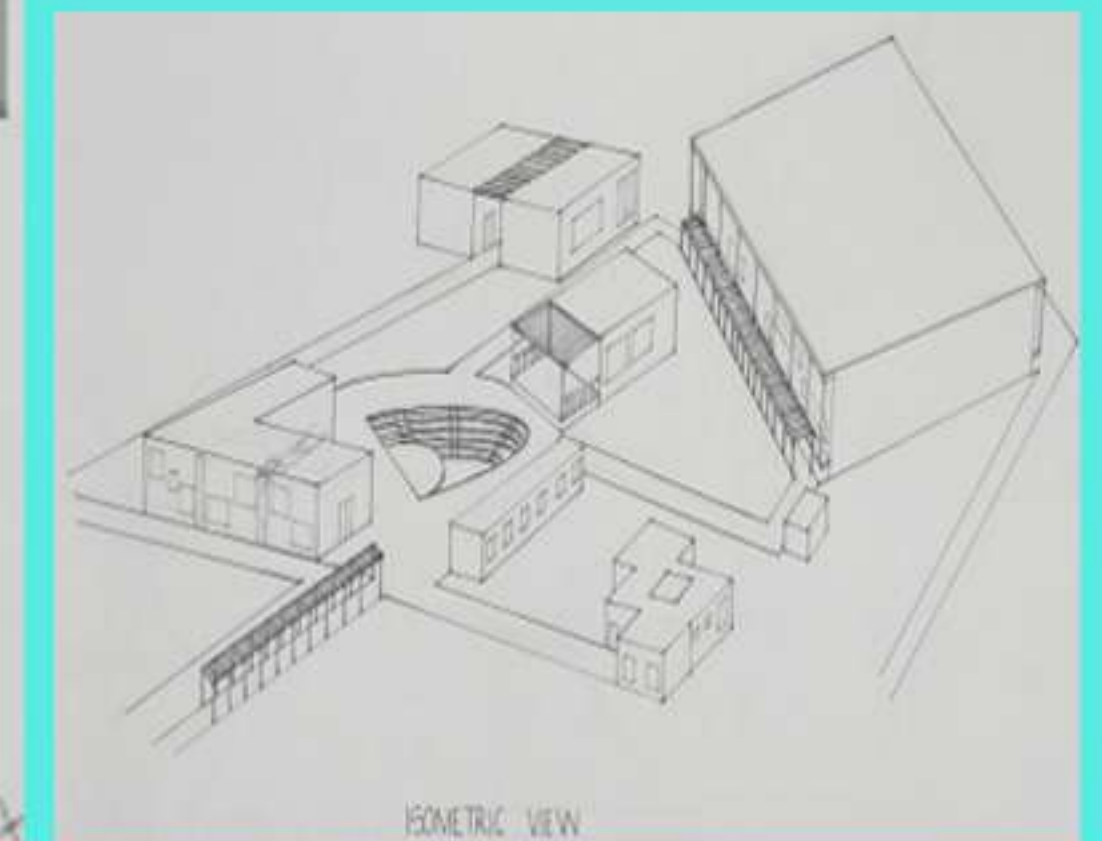
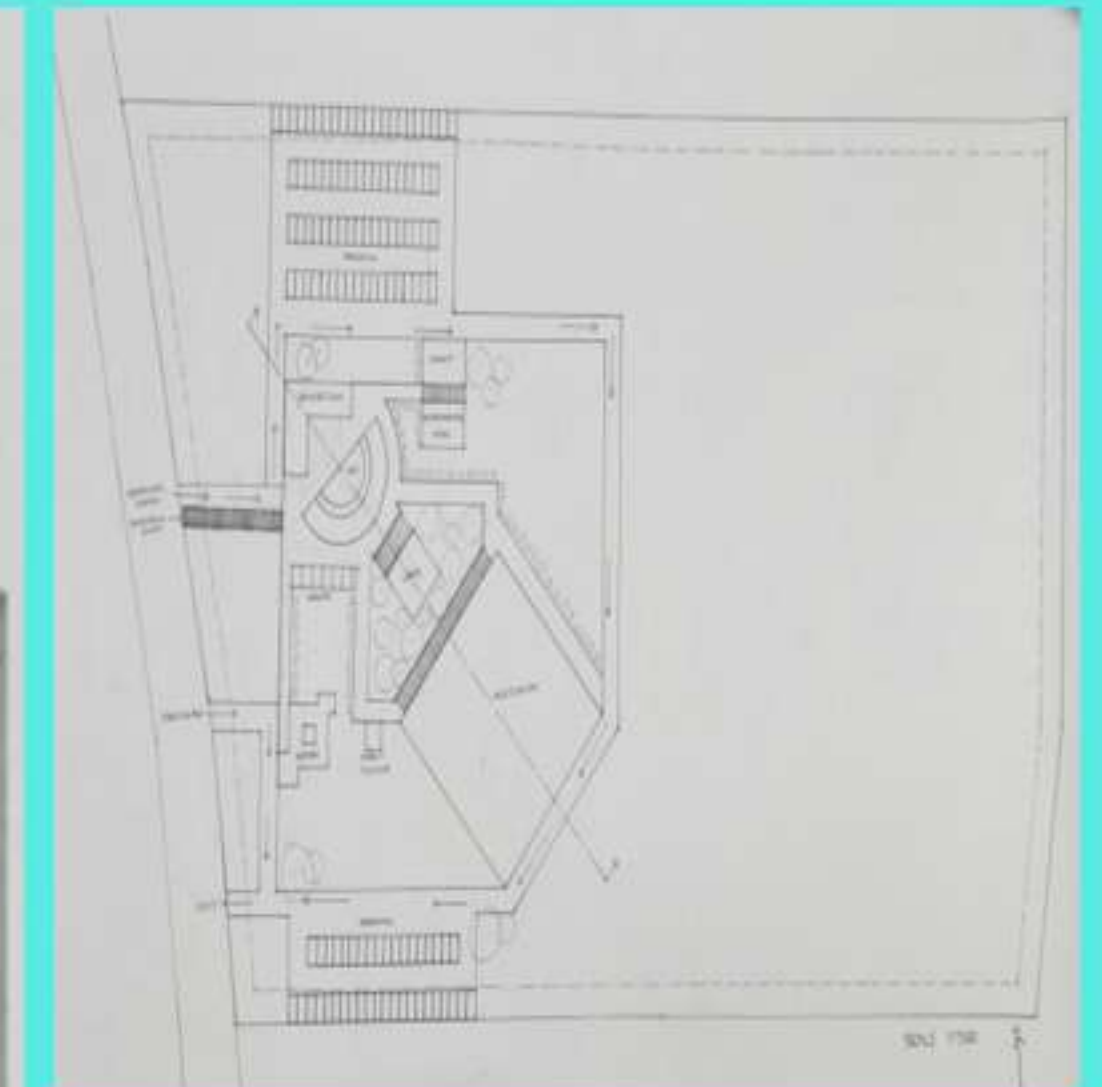
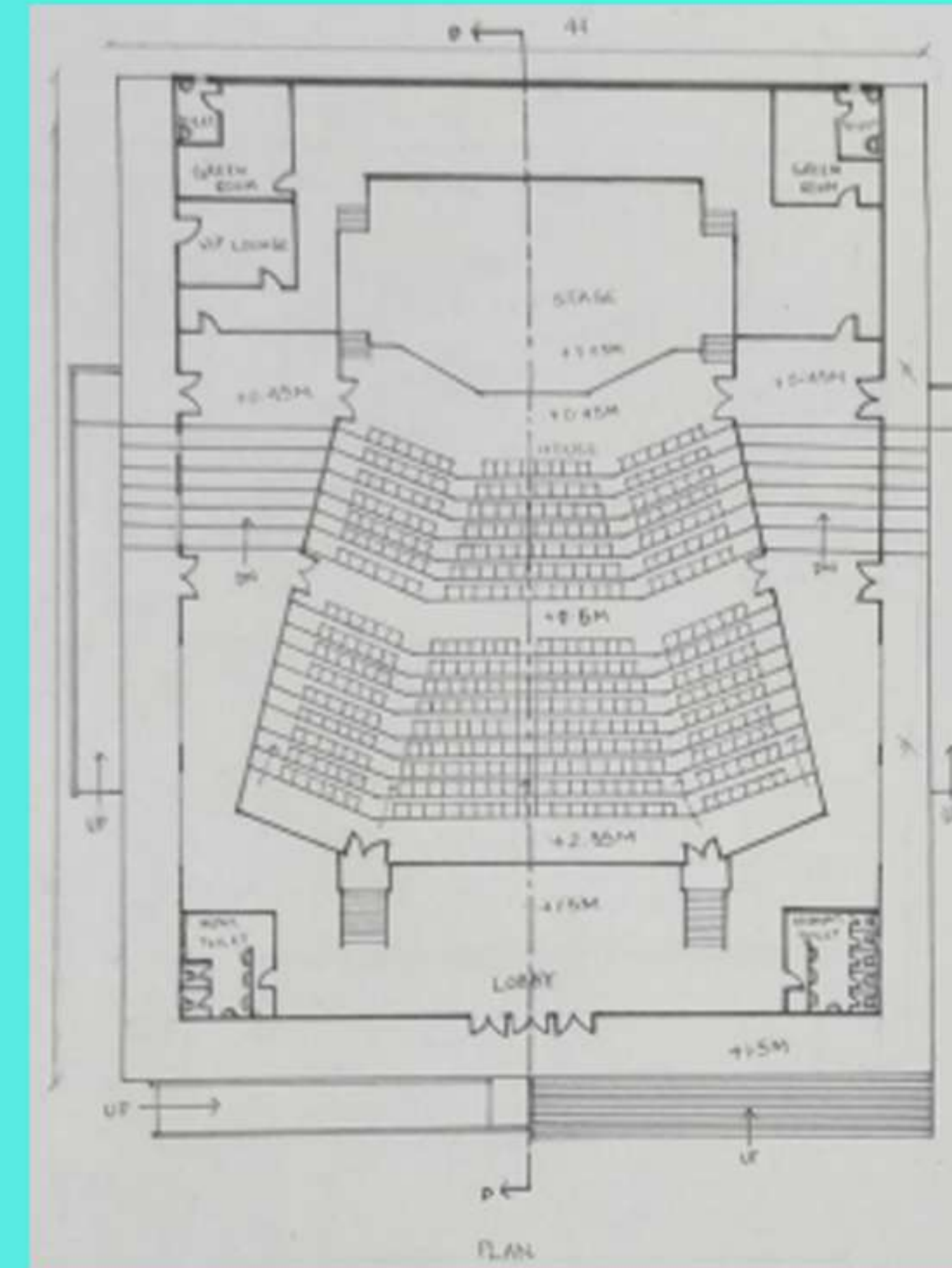
B.ARCH



BY SHAHIDHYA

SEMESTER 5

B.ARCH



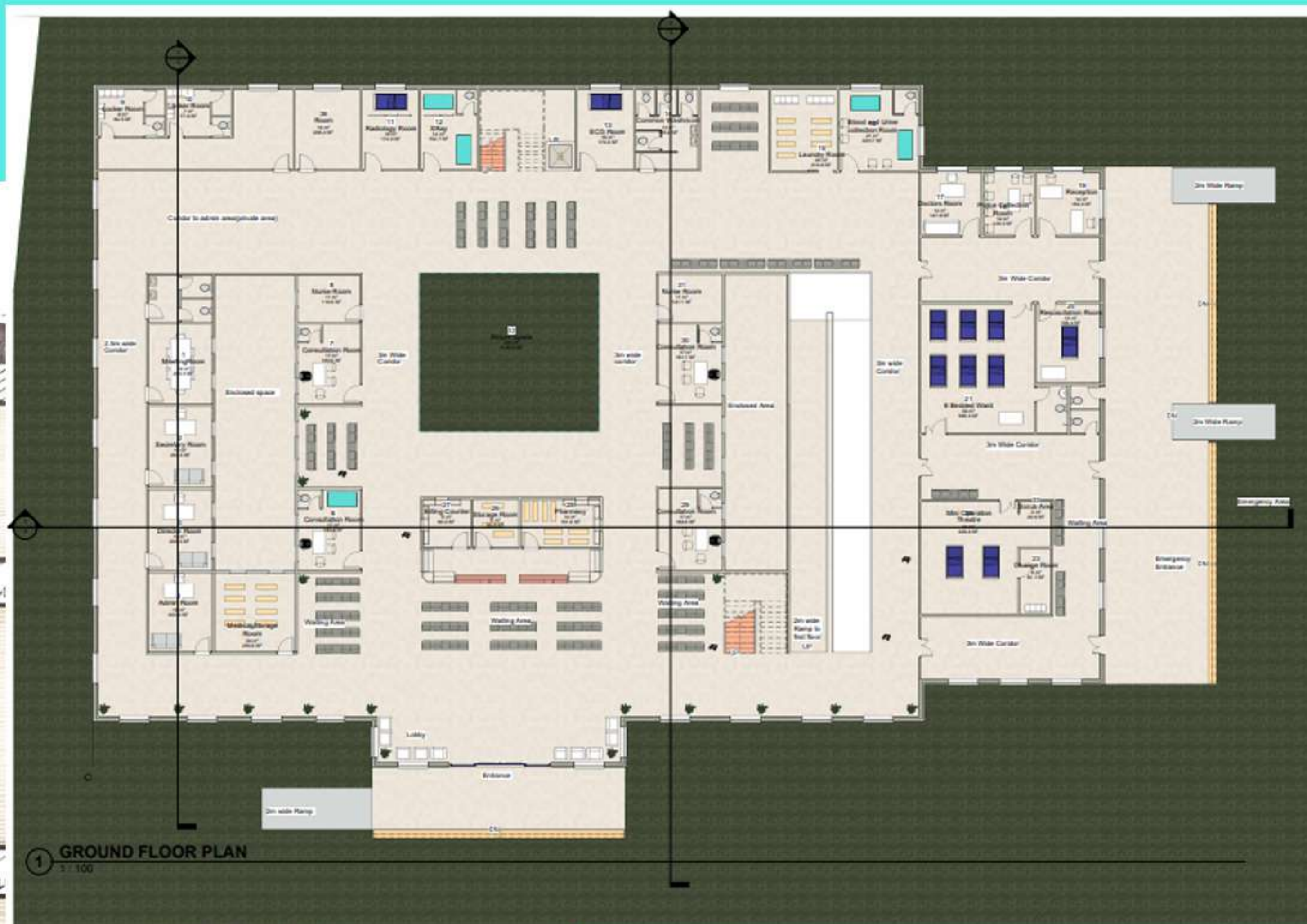
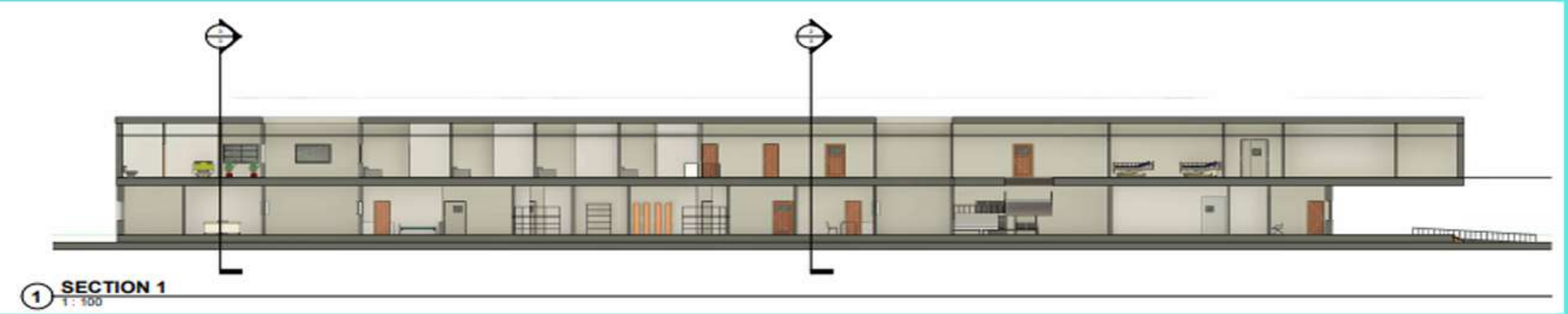
BY ARUSHEE MANDAL

SEMESTER 5

B.ARCH

SEMESTER 5

B.ARCH



BY ALYA RAJAN

SEMESTER 7

BUS SHELTER & 5 STAR HOTEL

Semester 7 aims at understanding the spatial needs in Hospitality sector and Terminal hub design. Focuses on addressing the insufficiency of spaces through spatial needs & retaining the historical importance in design. Designing with coherence to spatial quality and functionality.

FACULTY TEAM

1. Ar. Purnachandar P
2. Ar. Sathish L
3. Ar. P. Prashant
4. Ar. Sukhesini
5. Ar. Praveen M N
6. Ar. Geeva Chandana

B.ARCH

SEMESTER 7

B.ARCH

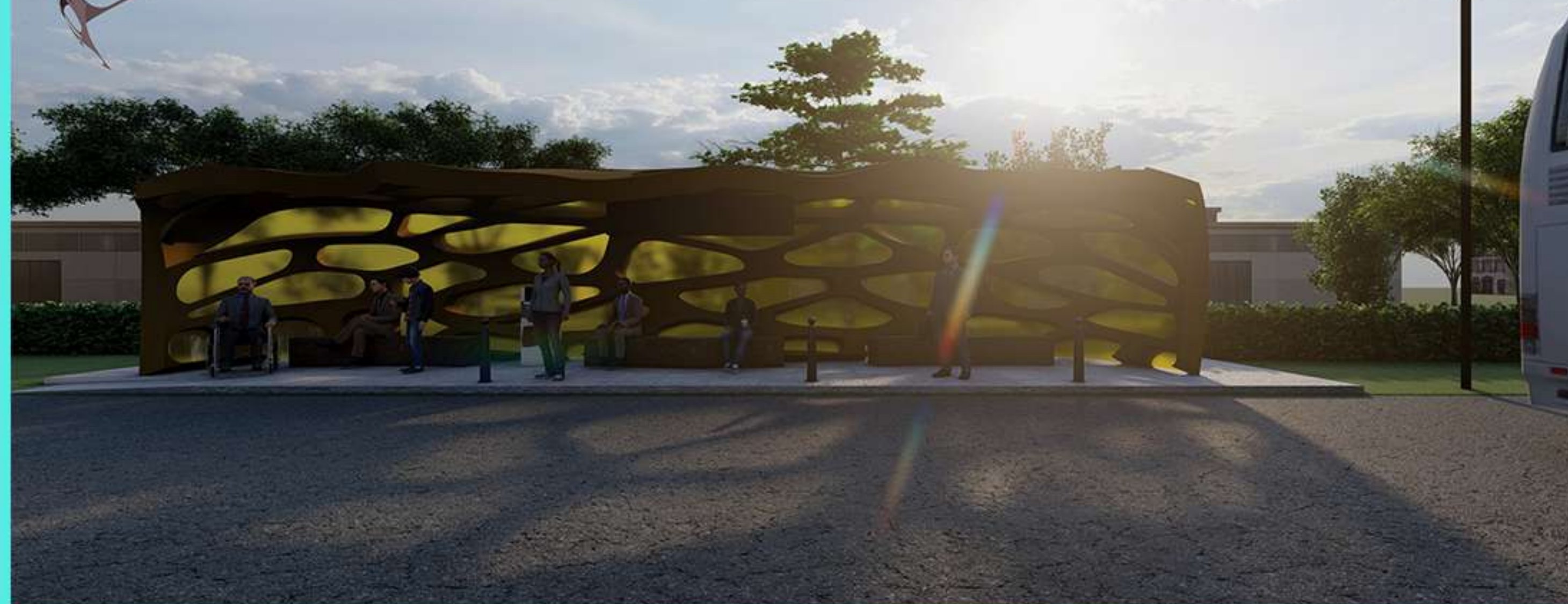
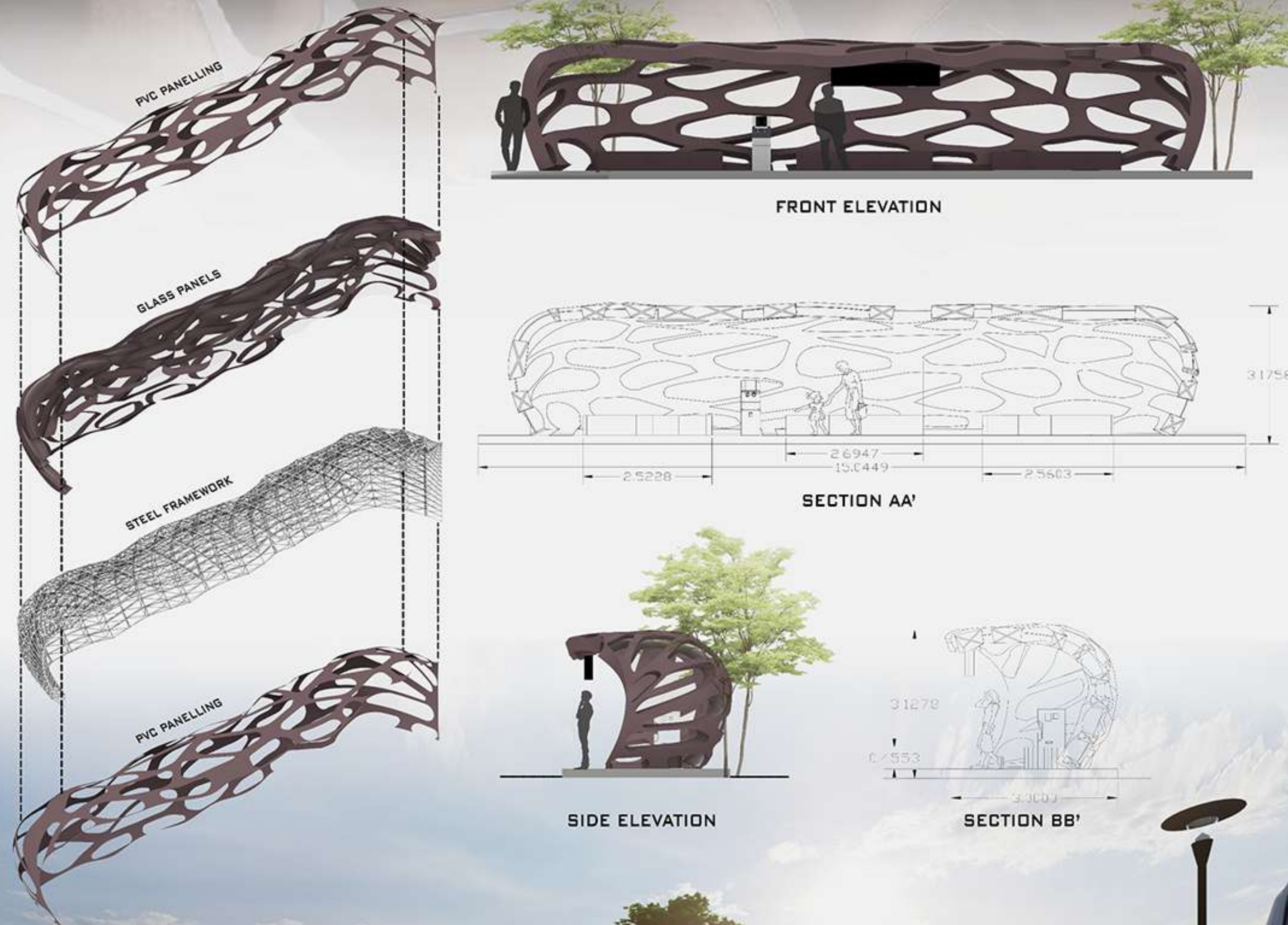


BY RIZAN

BUS SHELTER DESIGN

MATERIAL SPECIFICATIONS

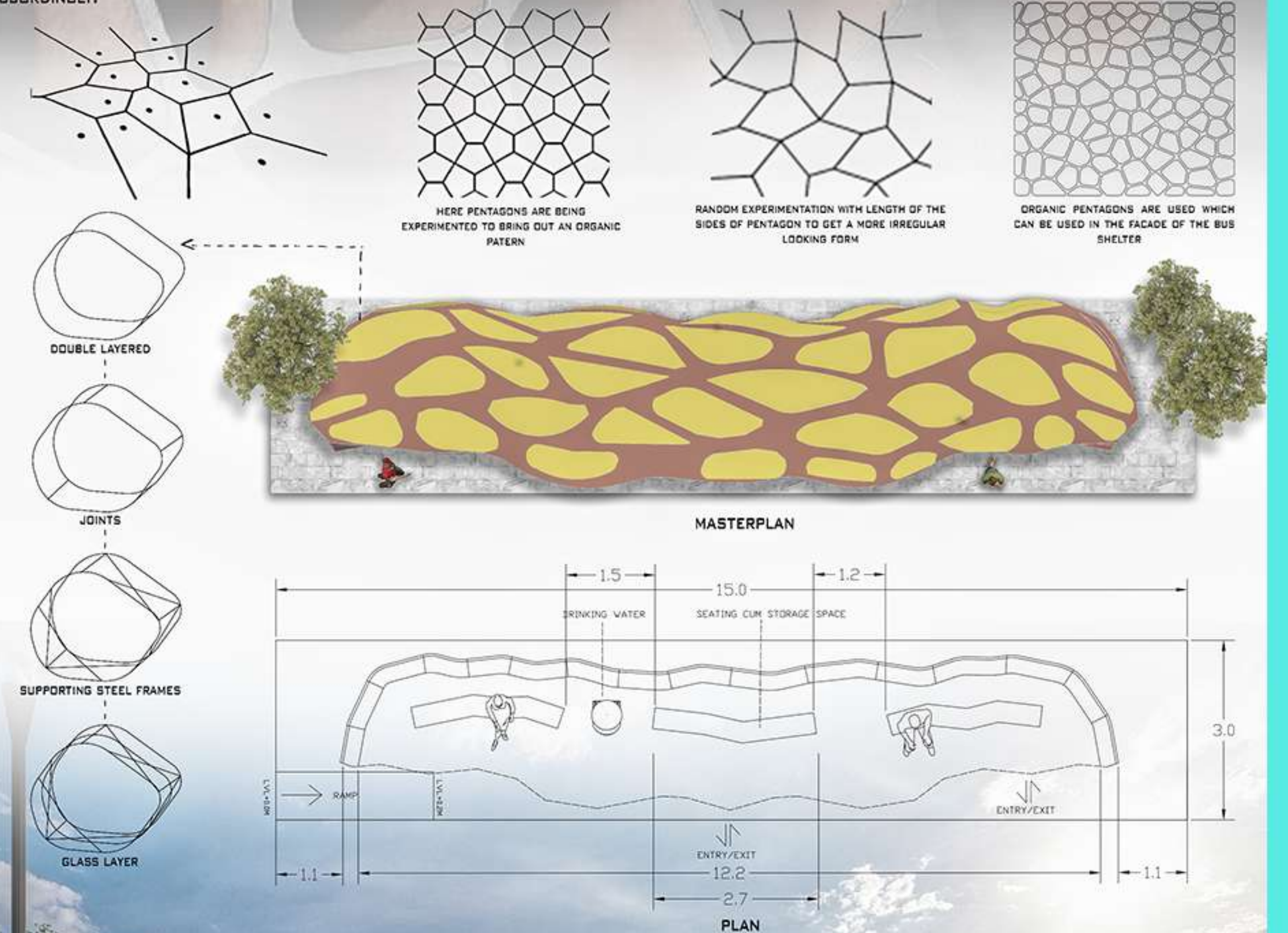
EACH VORONOI PANELS ARE SEPARATE DOUBLE LAYERED FRAMEWORK WHICH ARE WELDED TO EACH OTHER AND ASSEMBLED. STEEL FRAMEWORK IS USED FOR BETTER SUPPORT AND STRENGTH. IN BETWEEN THE STEEL FRAMEWORK GLASS PANELS ARE FIXED TO ALLOW SUNLIGHT, TO LIGHT THE BUS SHELTER. THE STEEL FRAMEWORK IS COVERED OR CLADED WITH PVC PANELS TO HIDE THE STEEL FRAMEWORK AND TO GIVE A BETTER LOOK TO THE BUILDING.



BUS SHELTER DESIGN

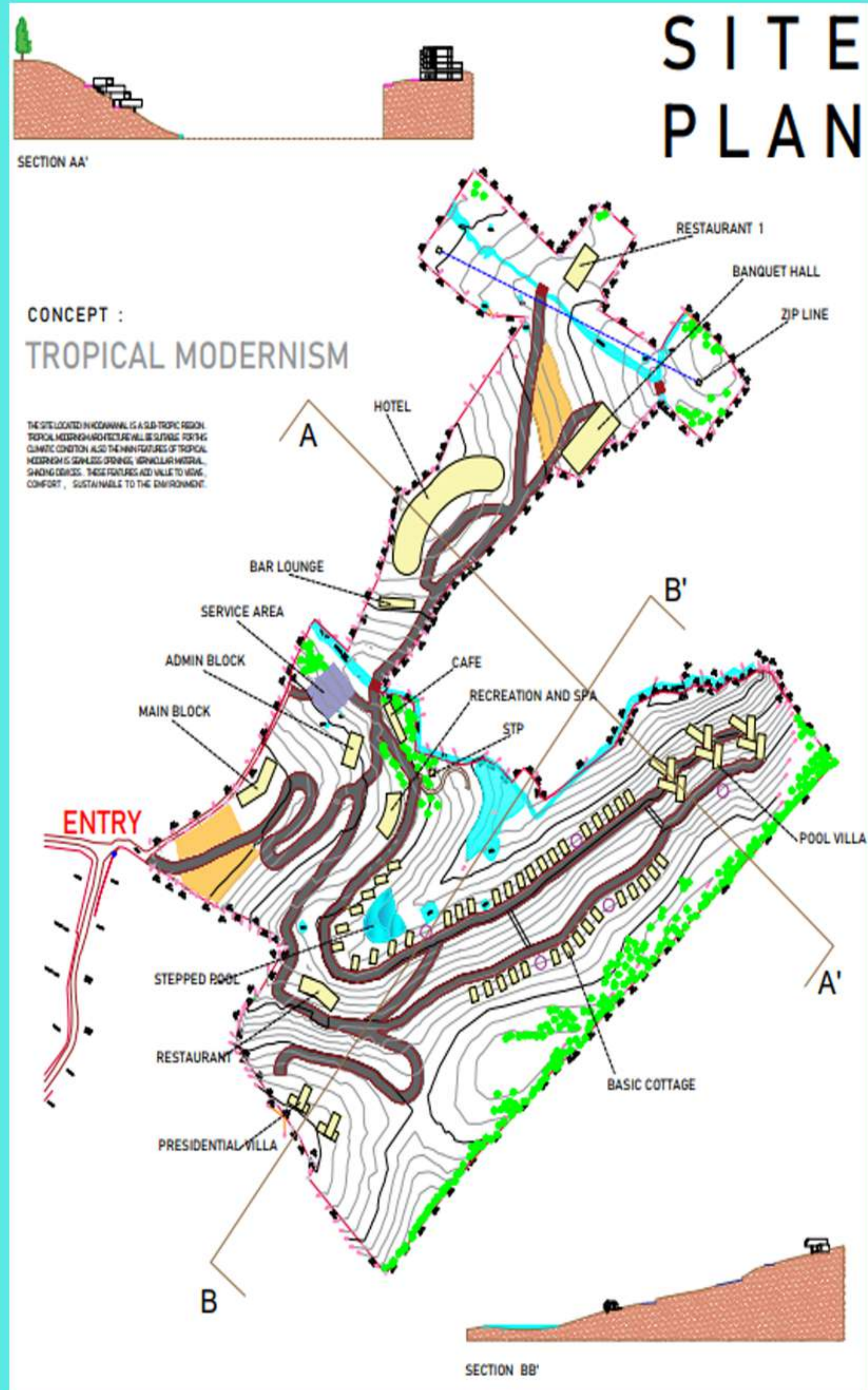
CONCEPT

THE VORONOI DIAGRAM IS A SYSTEM THAT DIVIDES THE SPACE INTO SUB-SPACES IN AN ORGANIC WAY. THE DIAGRAM USES POINTS TO CREATE CELLS THAT SURROUND THESE POINTS. POINTS CAN BE PLACED AS SPONTANEOUSLY OR CAN BE DETERMINED IN THE DIRECTION OF A CERTAIN DATA AND TESSELLATION CAN BE PROVIDED ACCORDINGLY.



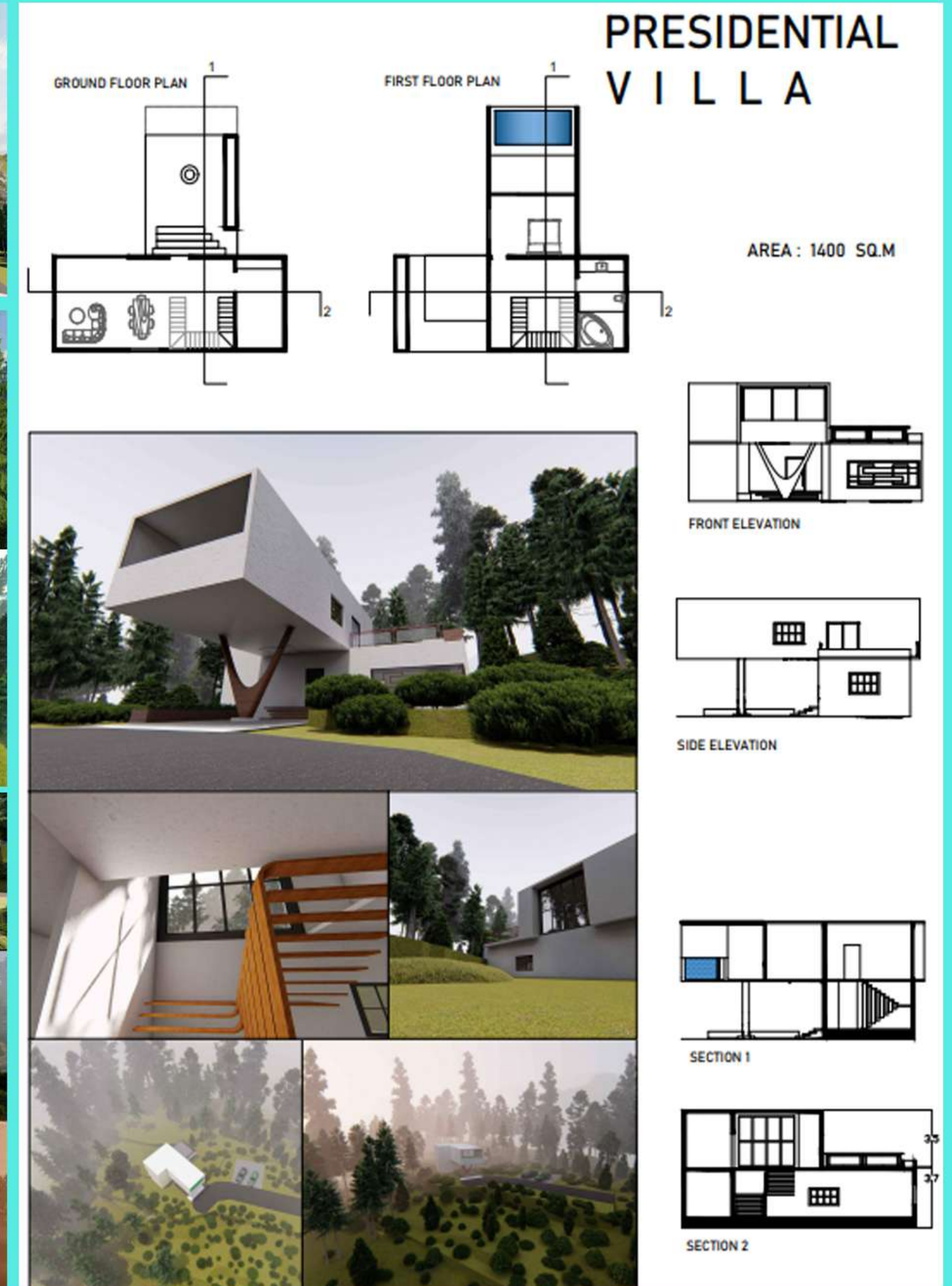
SEMESTER 7

B.ARCH



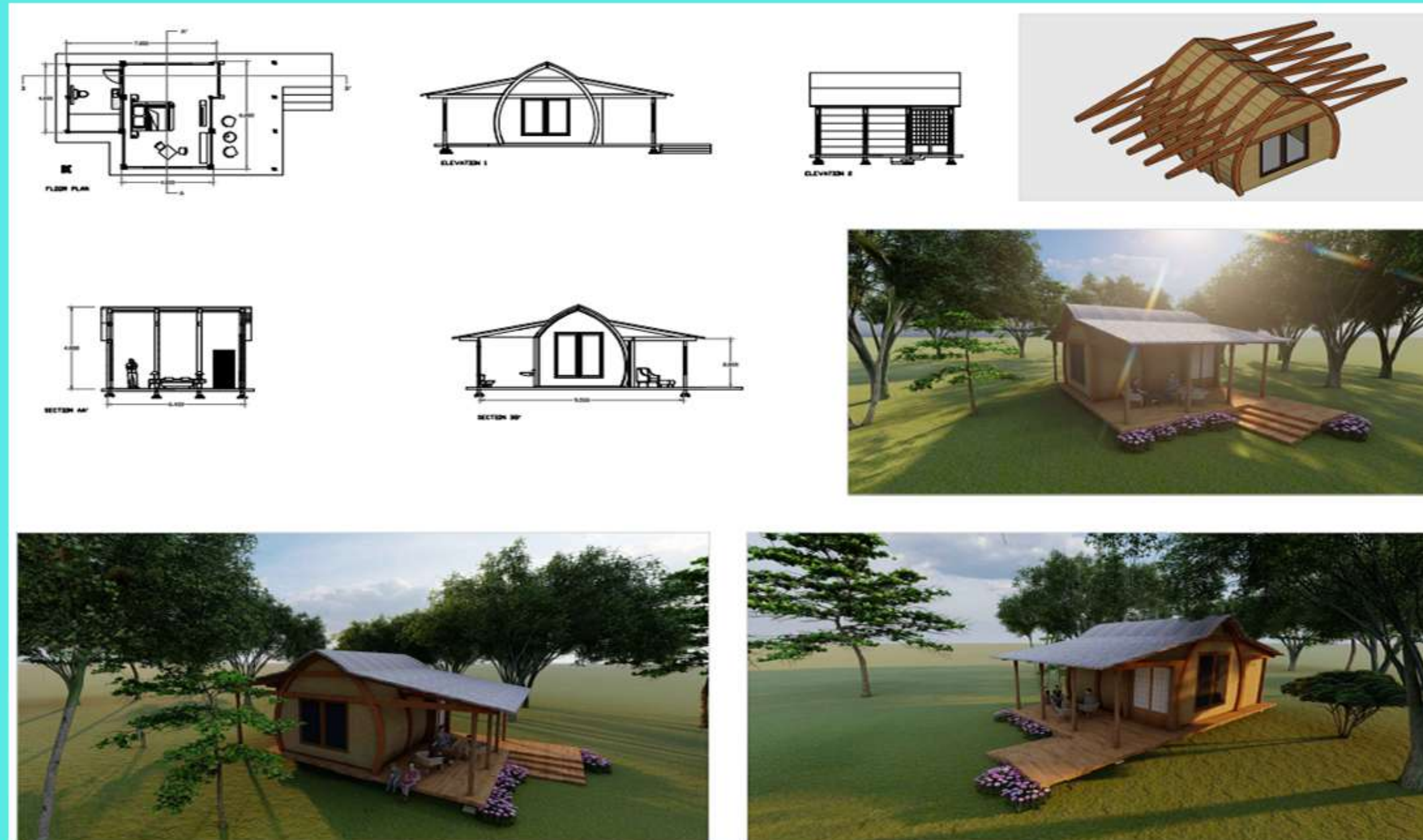
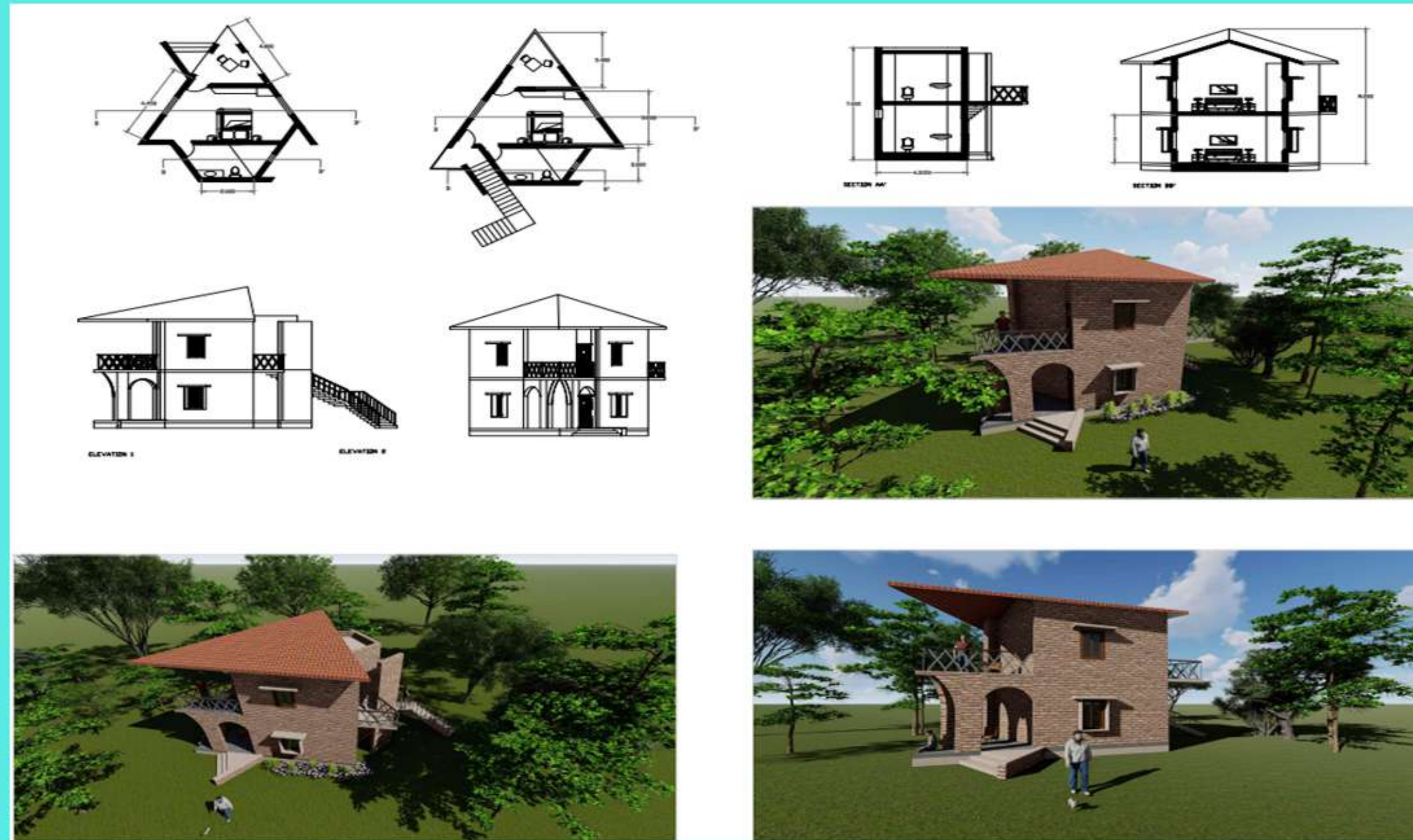
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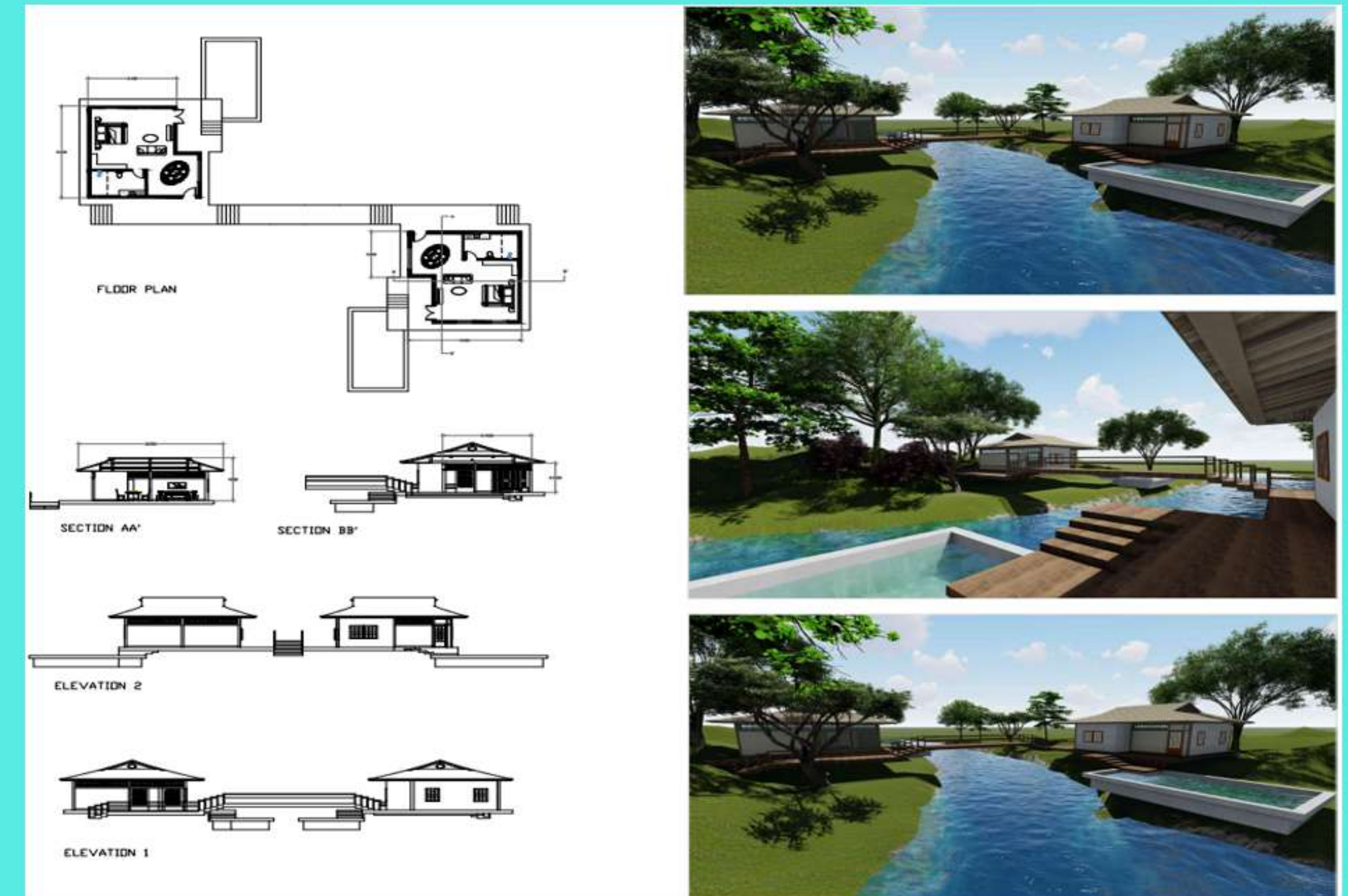
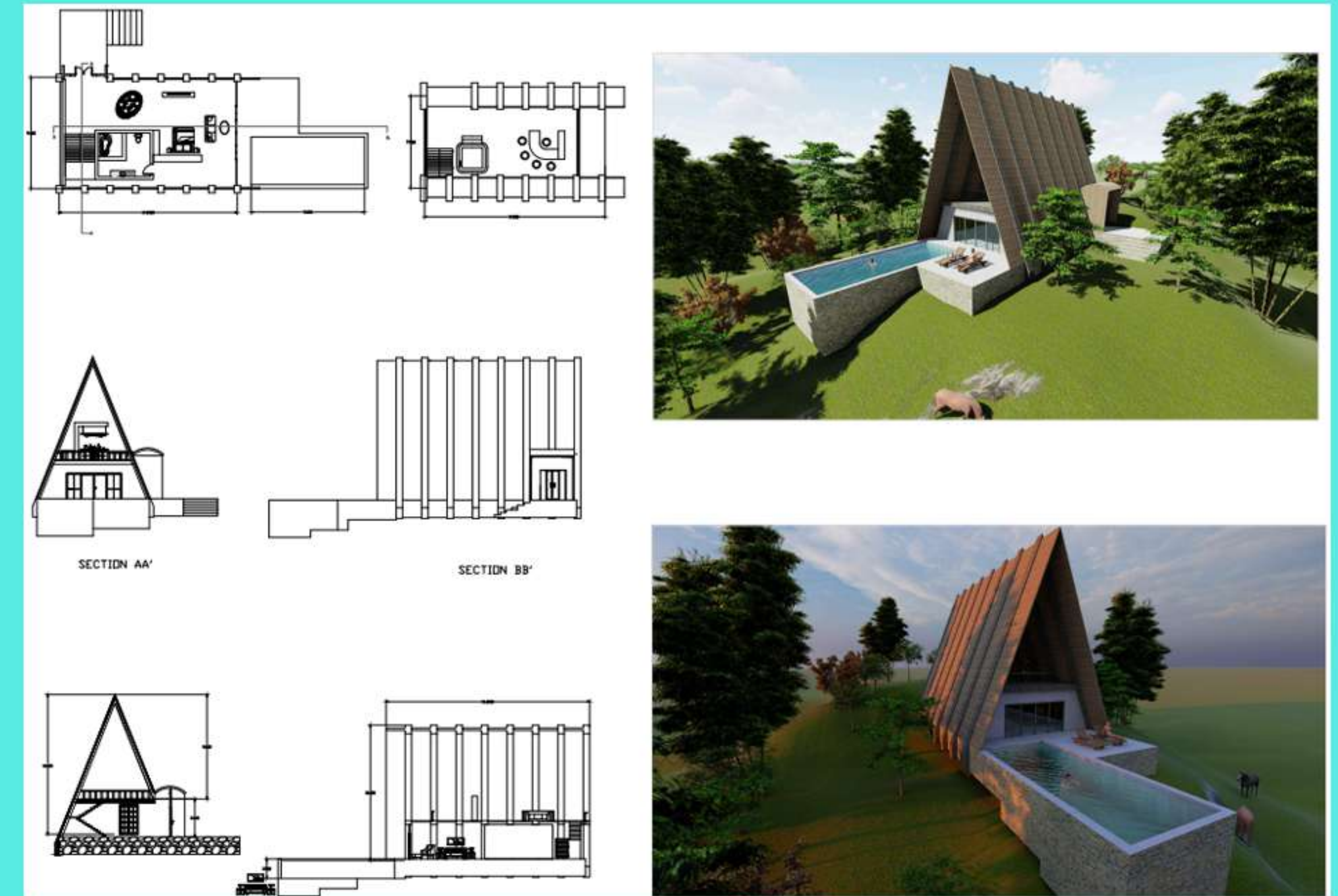
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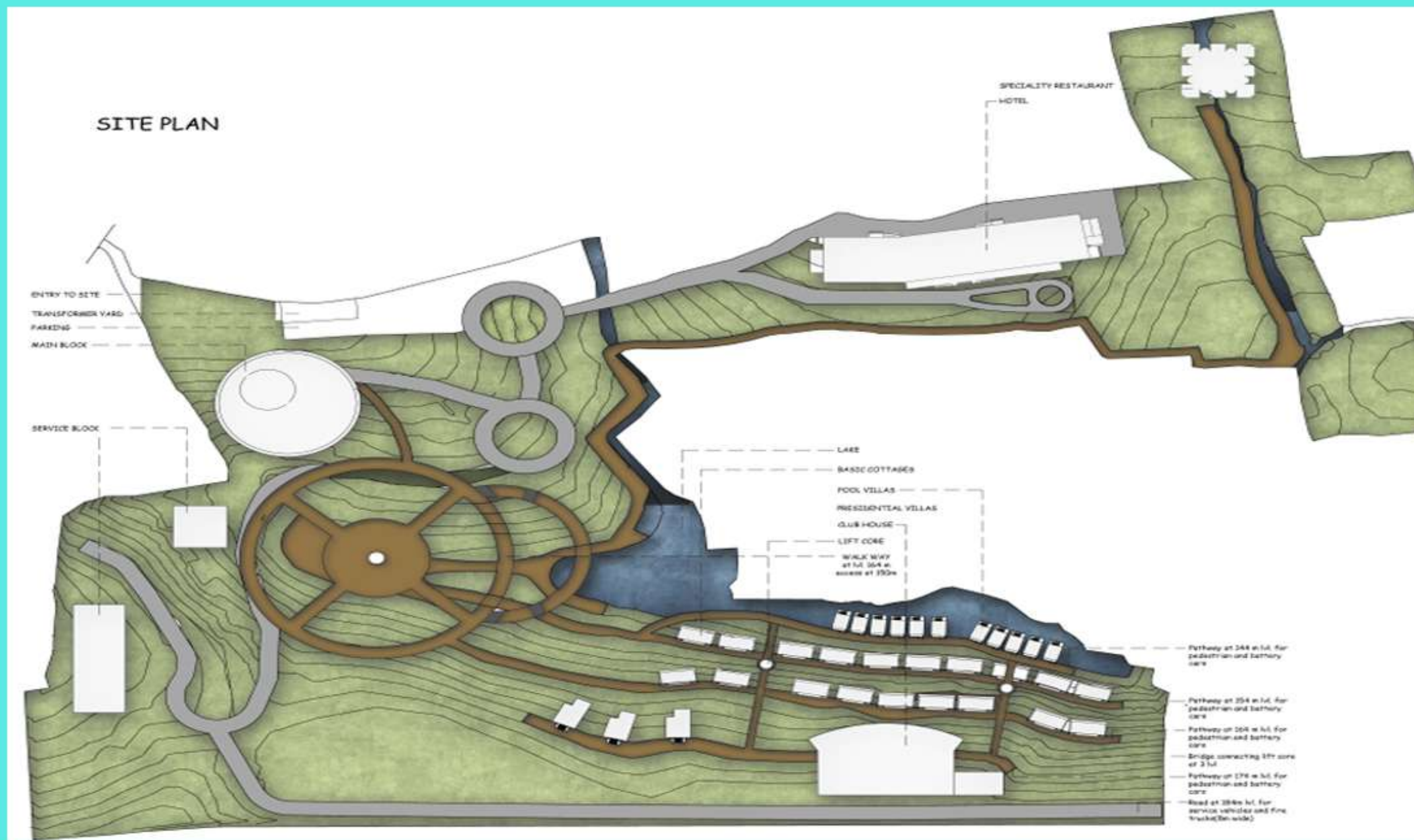
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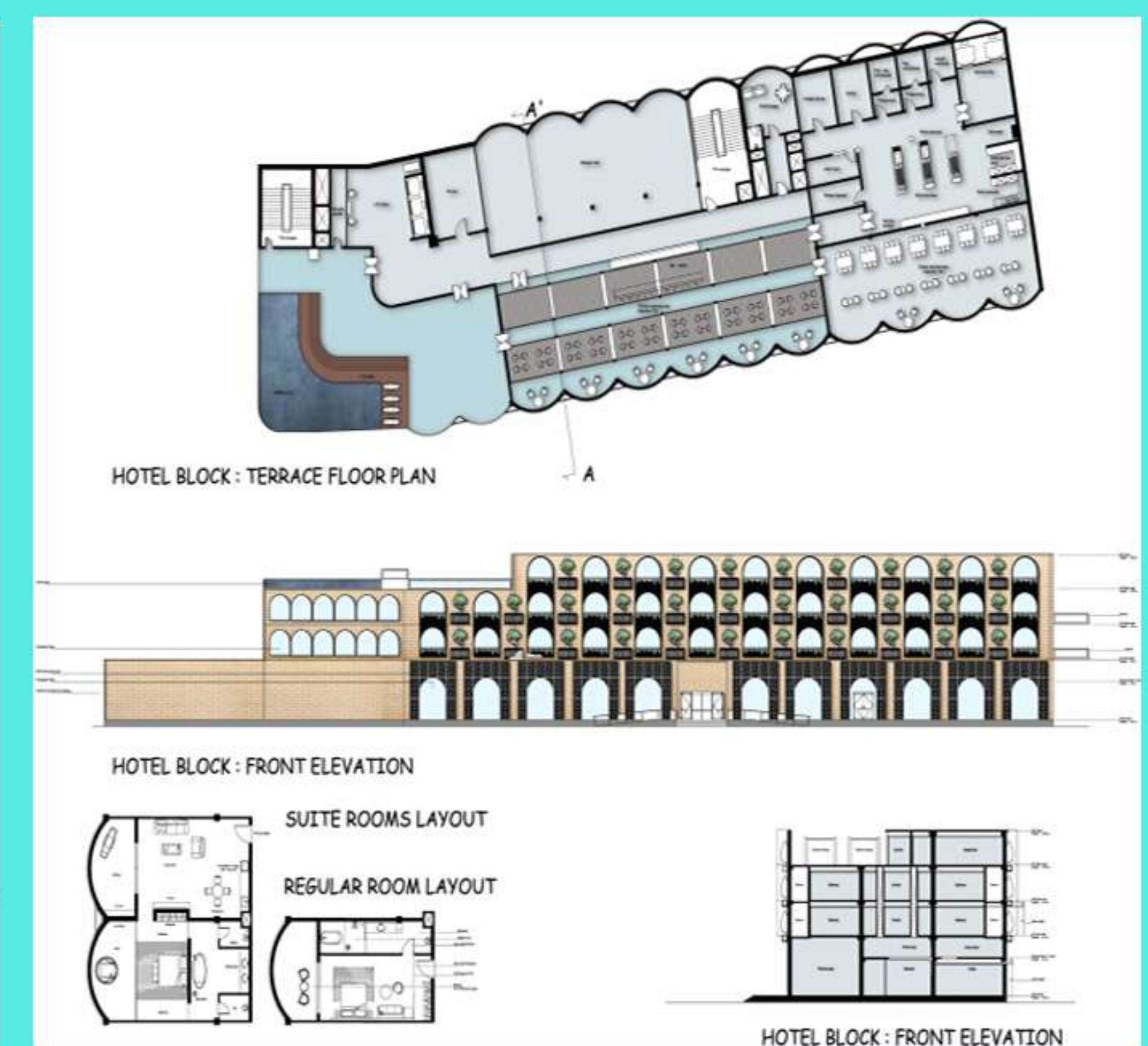
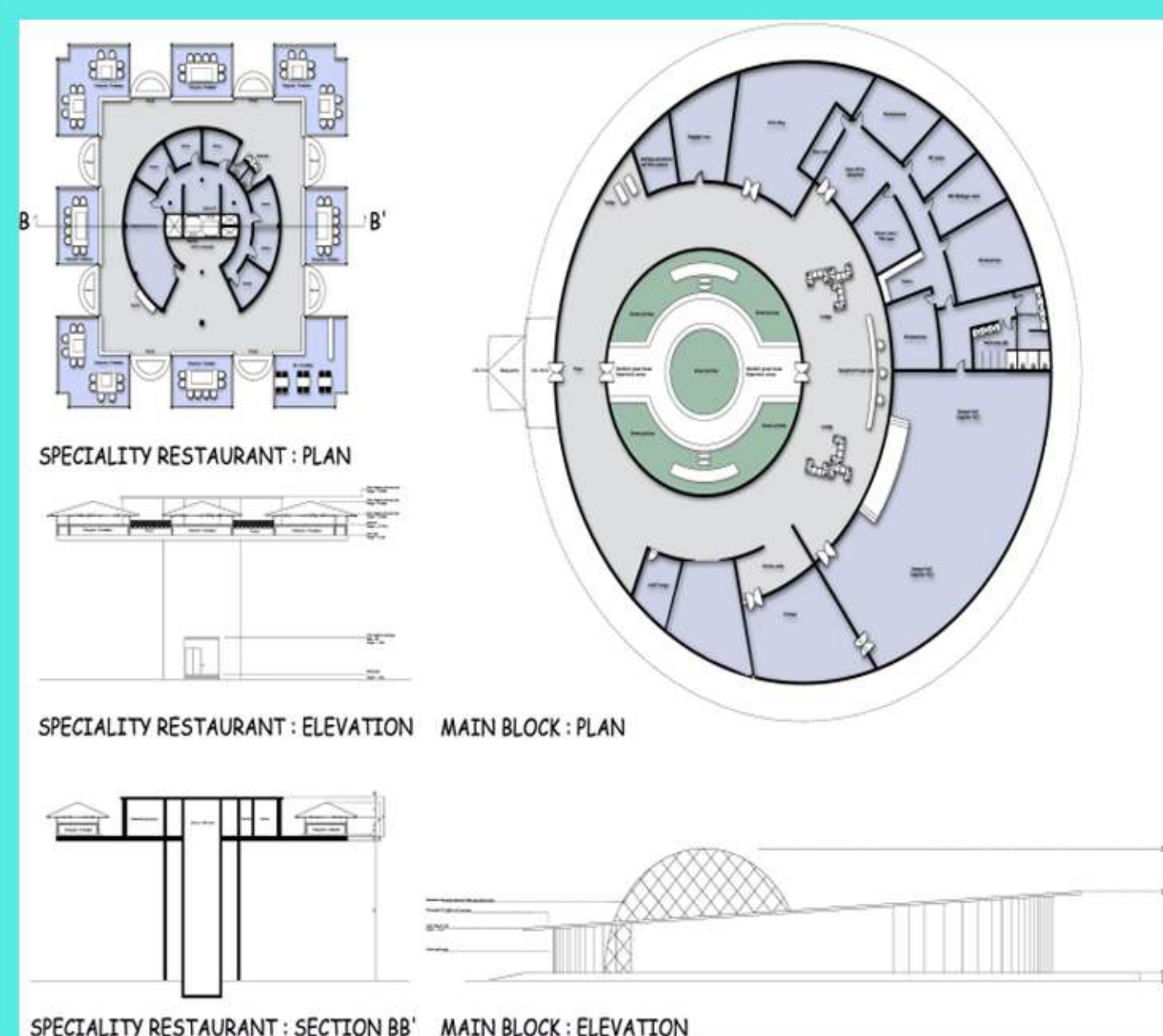
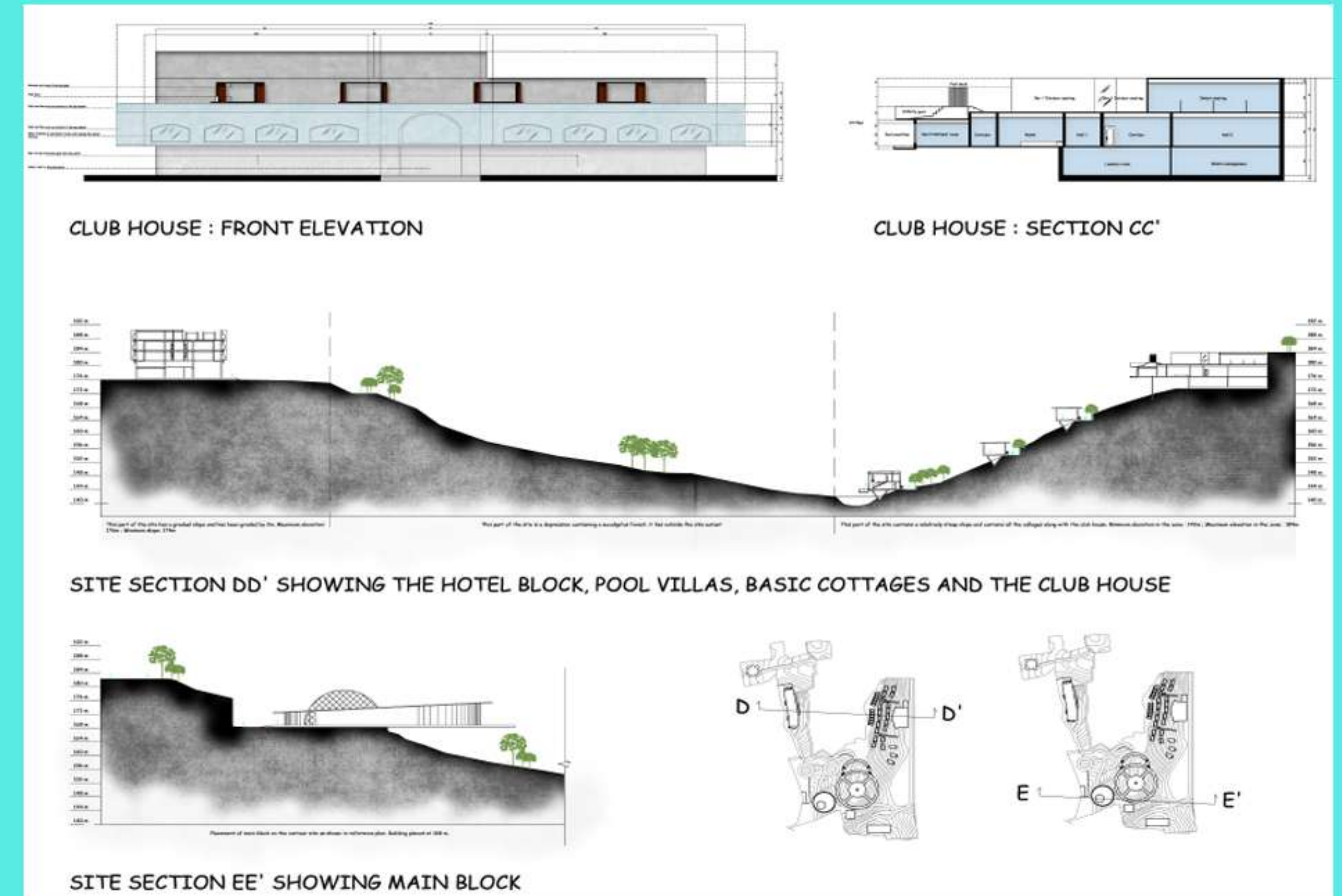
SEMESTER 7

B.ARCH



SEMESTER 7

B.ARCH



BY NIVEDITHA

SEMESTER 9

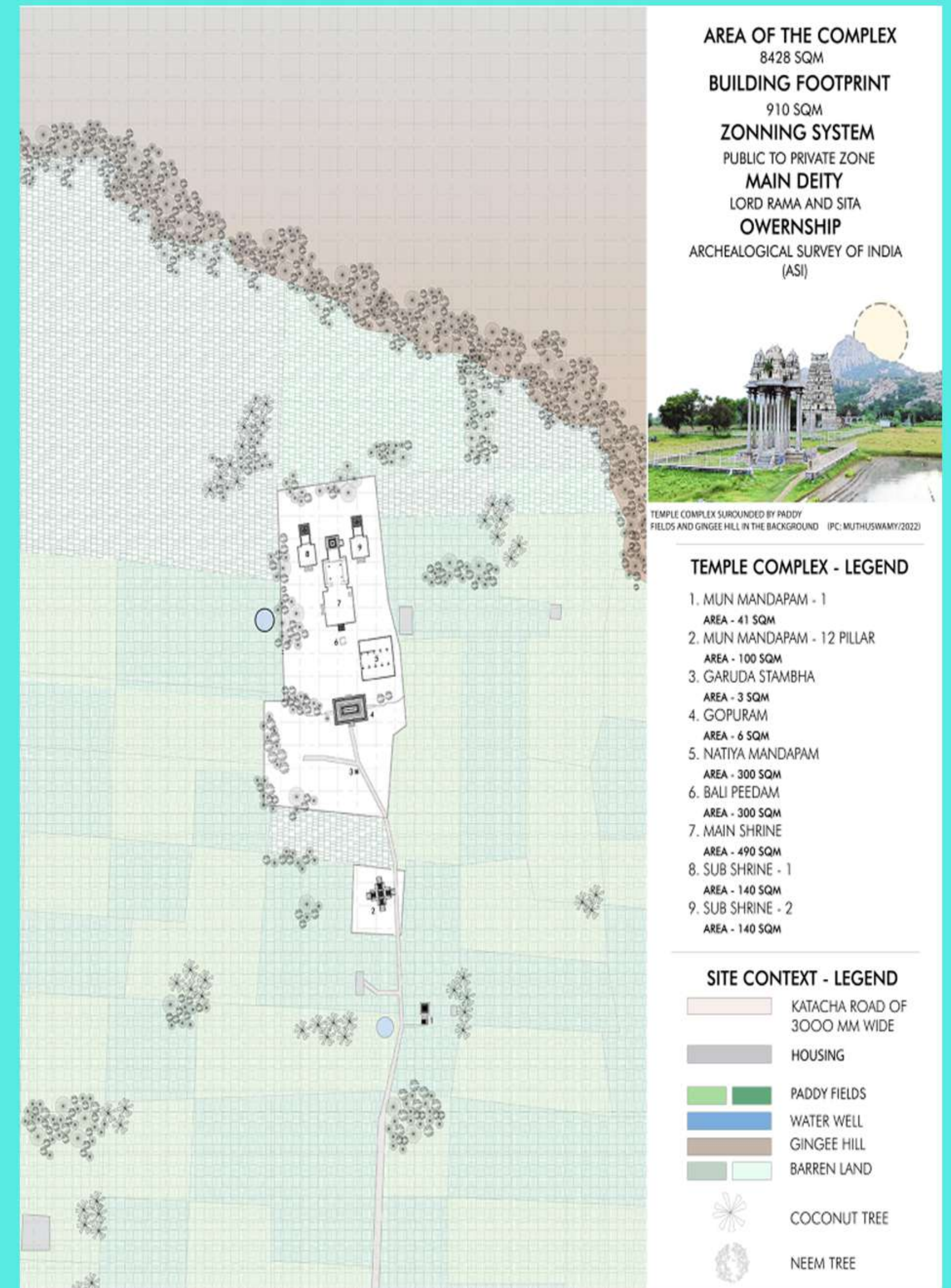
HERITAGE DOCUMENTATION

Semester 9 aims at understanding the purposes of identification, protection, interpretation, and physical preservation of movable objects, historic buildings, archaeological sites, and cultural landscapes. To focus on a significant place in all major heritage conventions relating to the preserve their physical integrity.

FACULTY TEAM

1. Dr. C. Pradeepa
2. Ar. Geeva Chandana
3. Dr. Kousalyadevi
4. Ar. Dharanisdharan

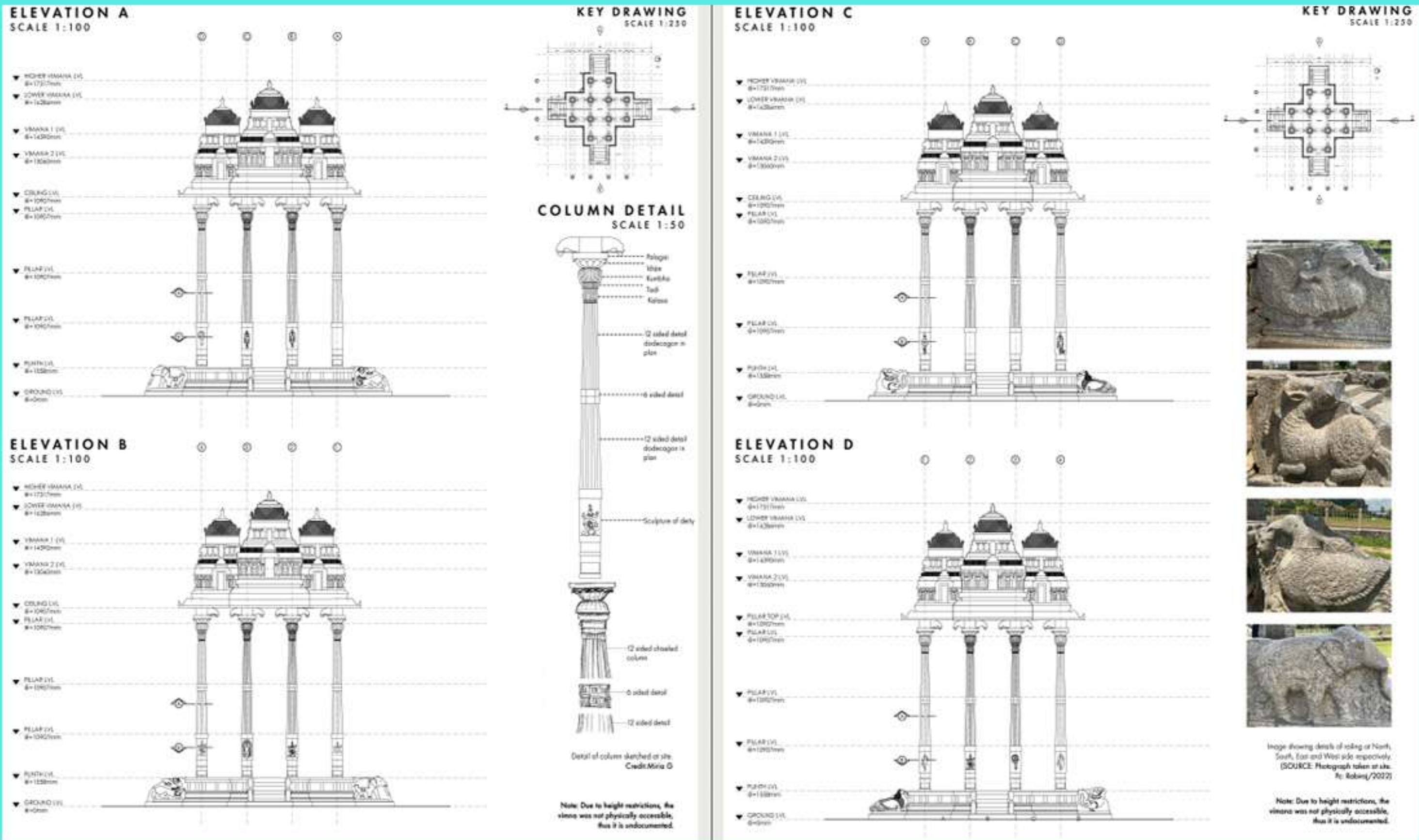
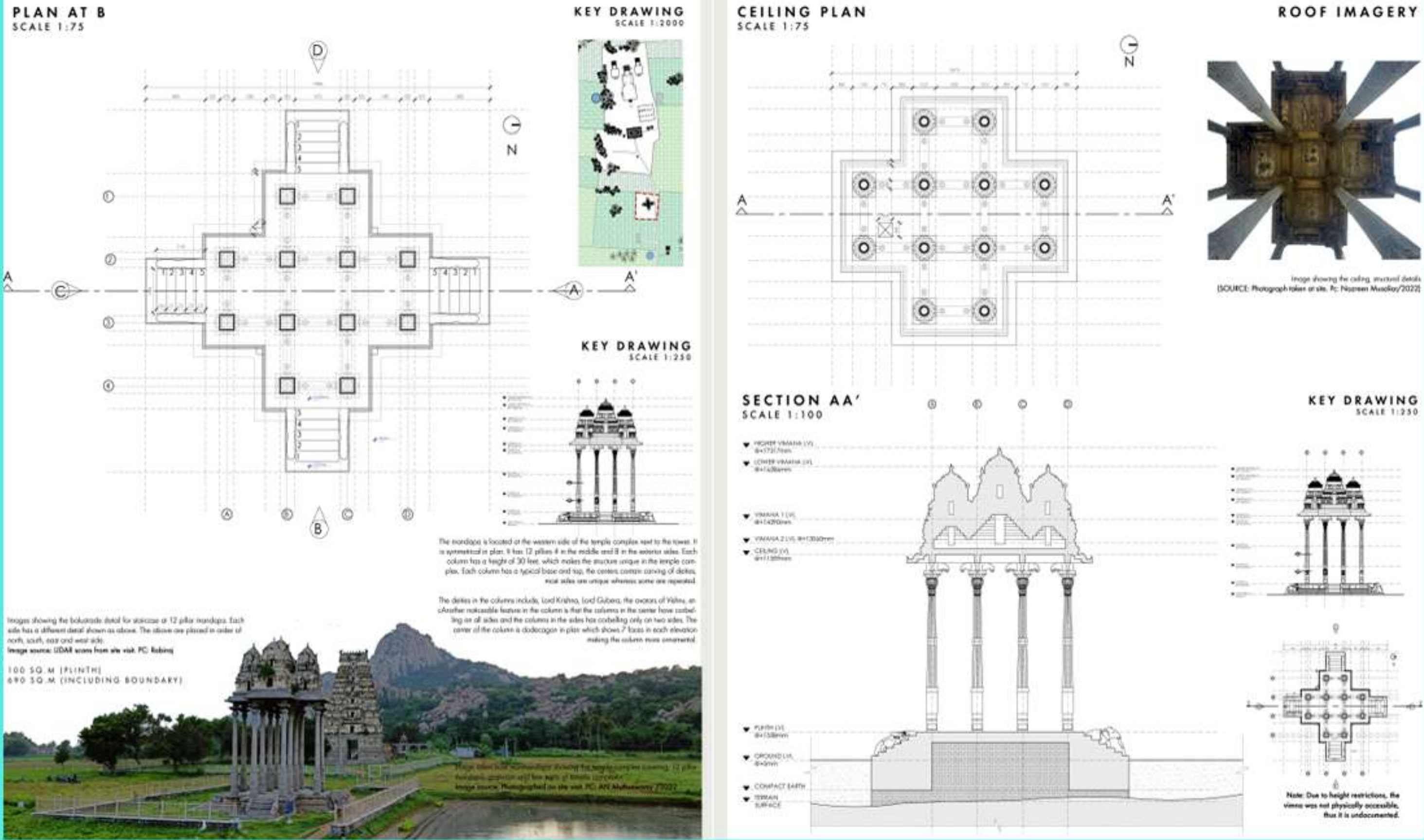
SEMESTER 9



BY SRINIDHII GANESAMOORTHY, AN MUTHUSAMY, JAGADEESWARAN, NITHYASRI, GOKUL C, MIRIA G, NAZREEN MUSALIAR, RABIRAJ K

SEMESTER 9

B.ARCH



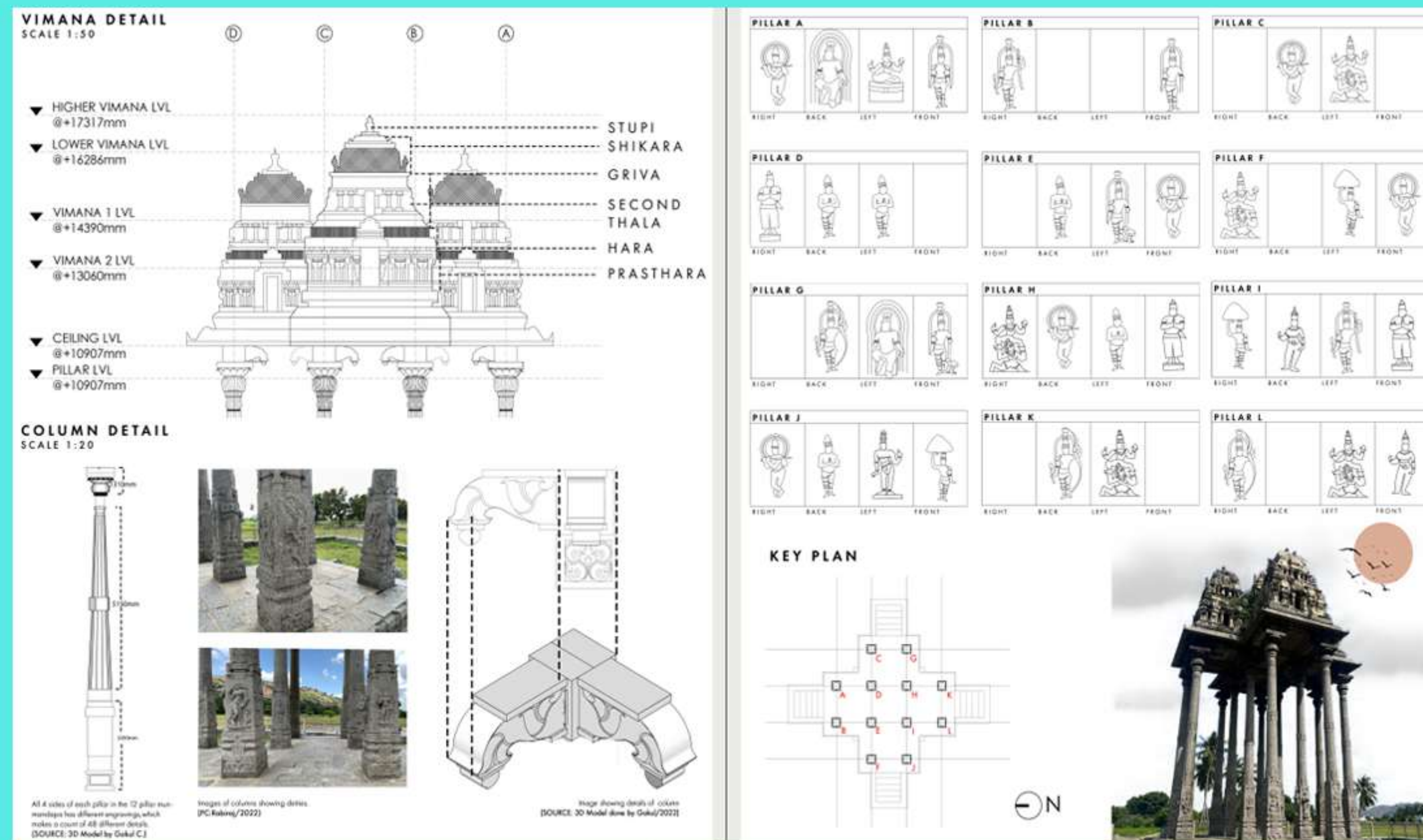
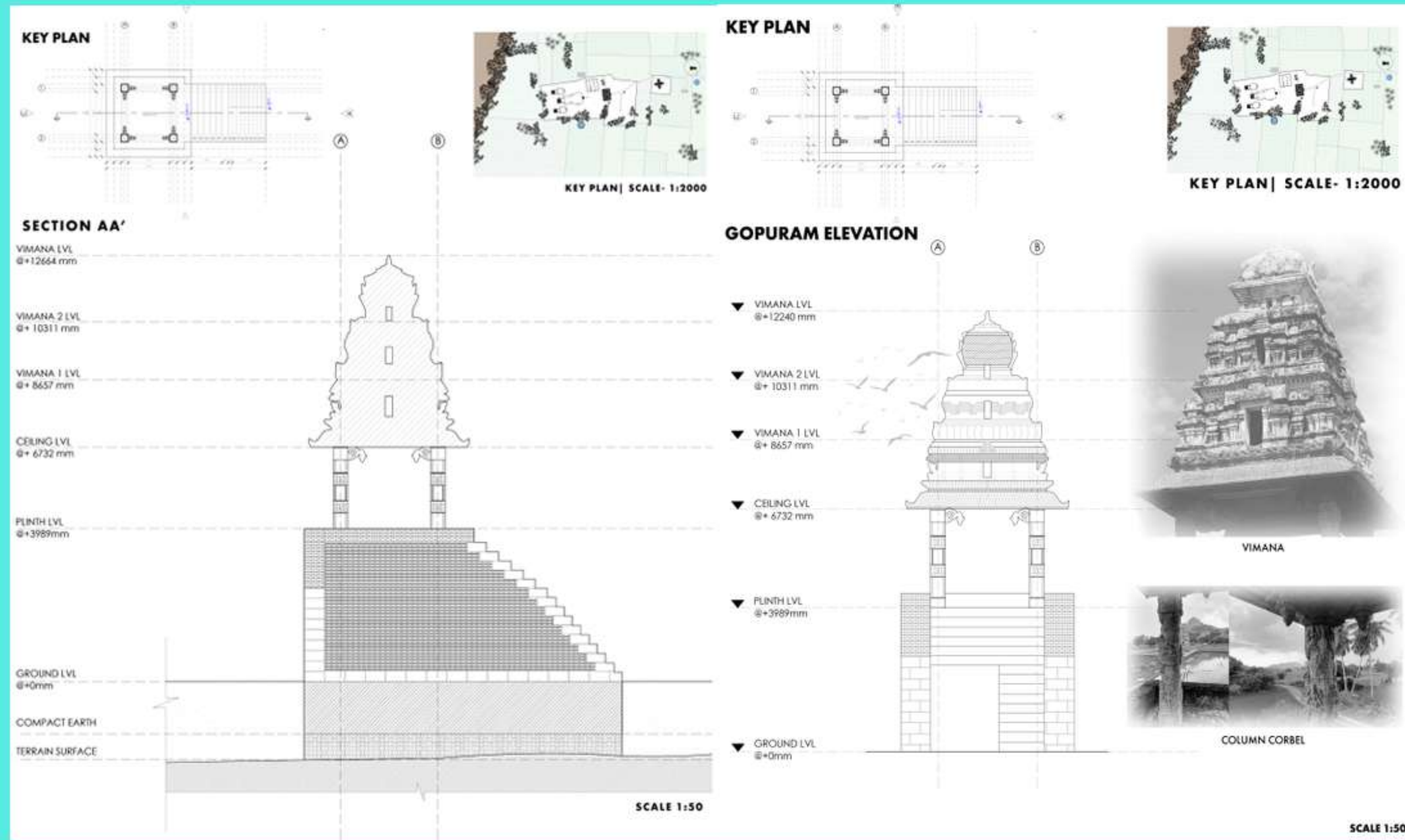
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SEMESTER 9

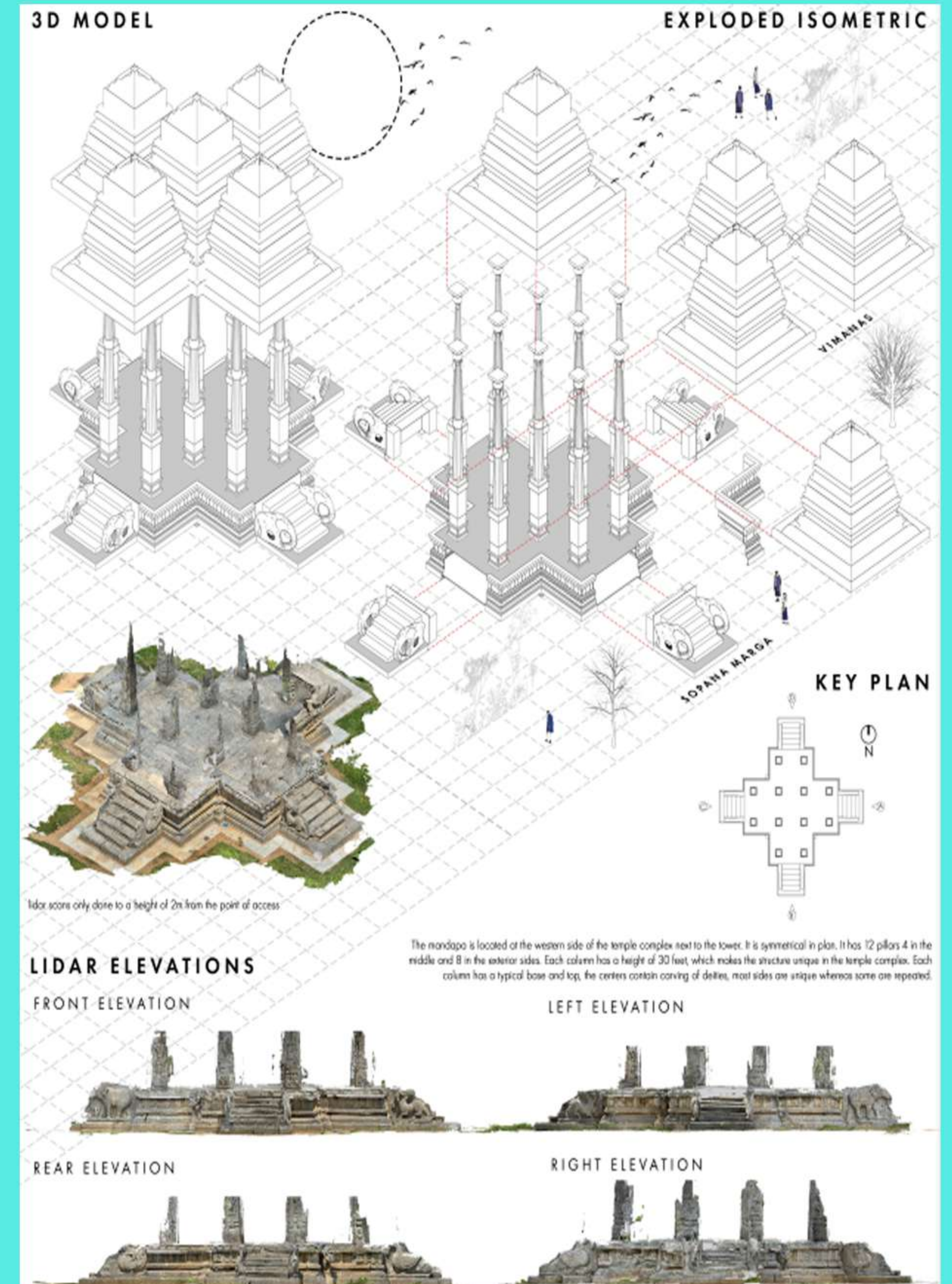
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BY SRINIDHI GANESAMOORTHY, AN MUTHUSAMY, JAGADEESWARAN, NITHYASRI, GOKUL C, MIRIA G, NAZREEN MUSALIAR, RABIRAJ K

SEMESTER 9

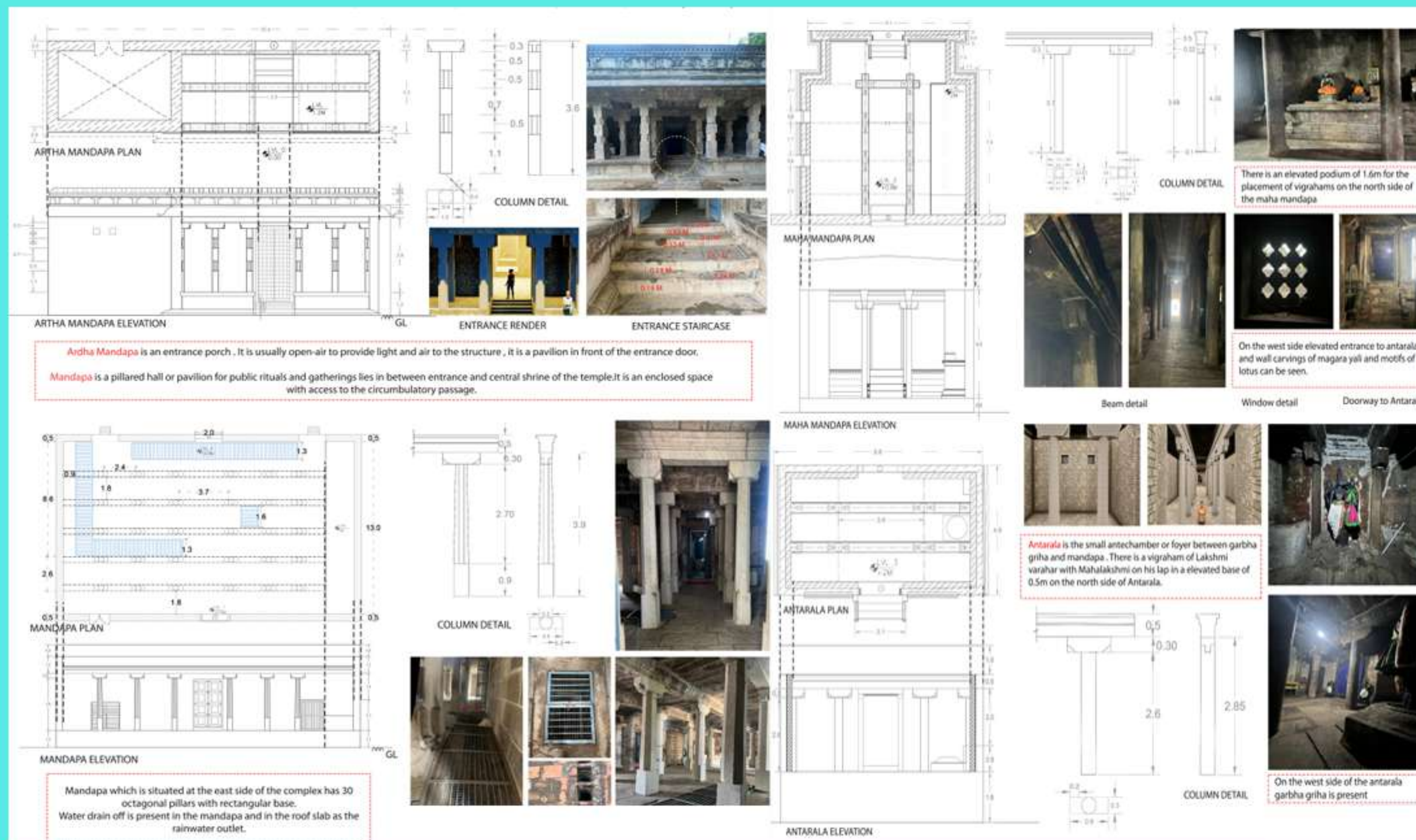
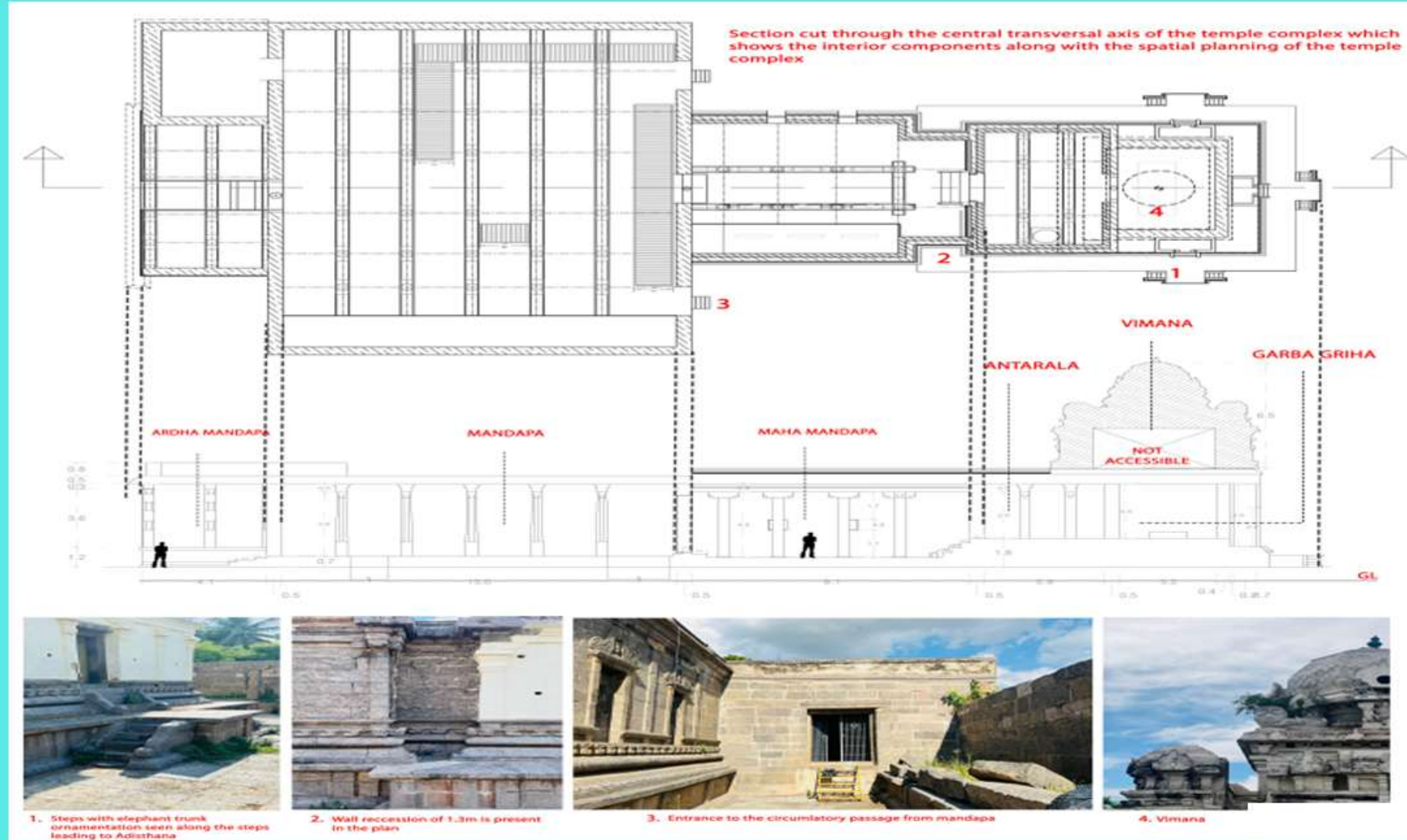
B.ARCH



GUIDED BY AR. GEEVA CHANDANA

SEMESTER 9

B.ARCH

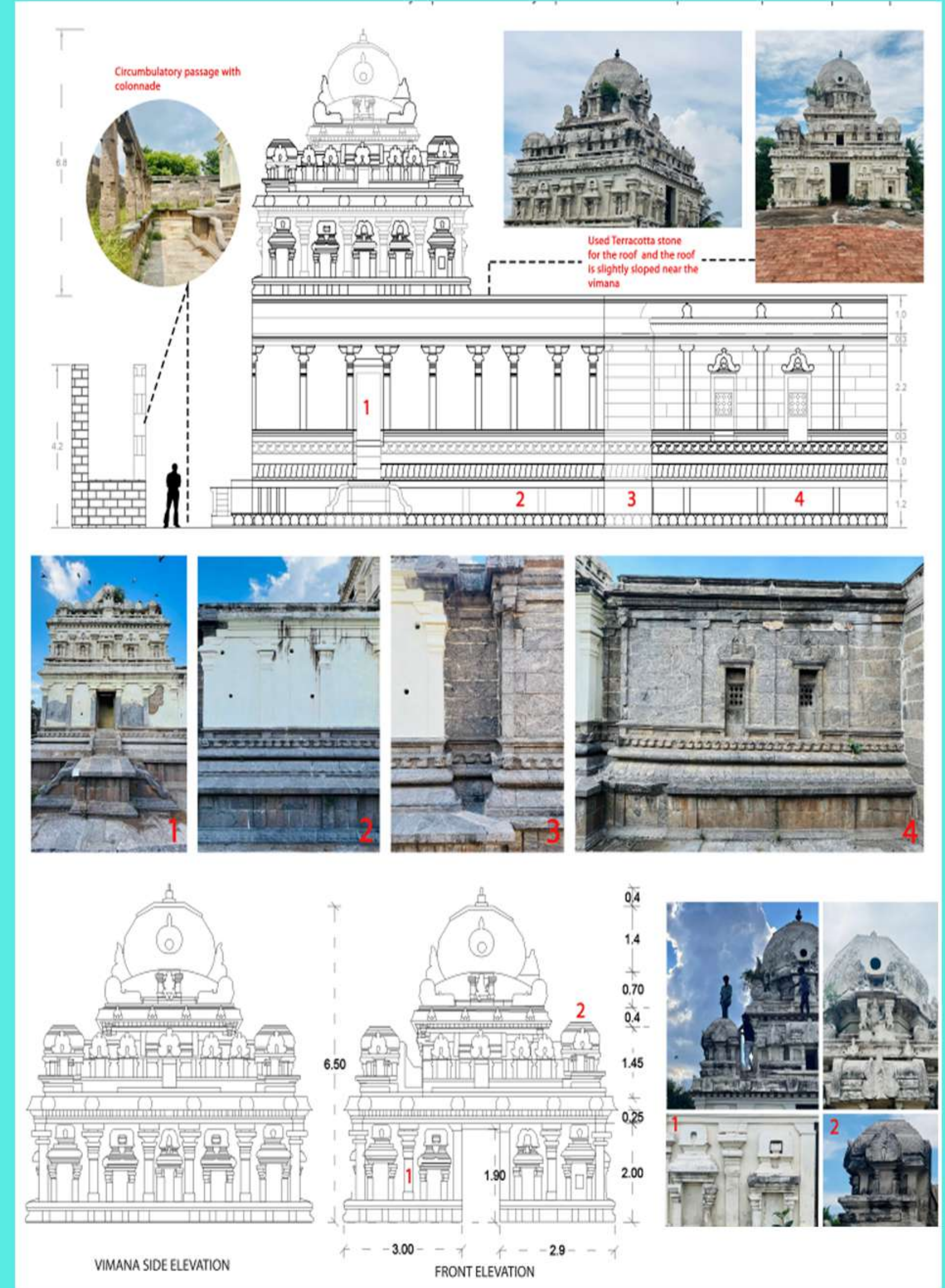


BY LAKSHMI LASYA, AASLESHA PRIYA, BHUVANESHWARI, ANUSHKA, ROSHAN, NEVIN, DAVID

45

SEMESTER 9

B.ARCH

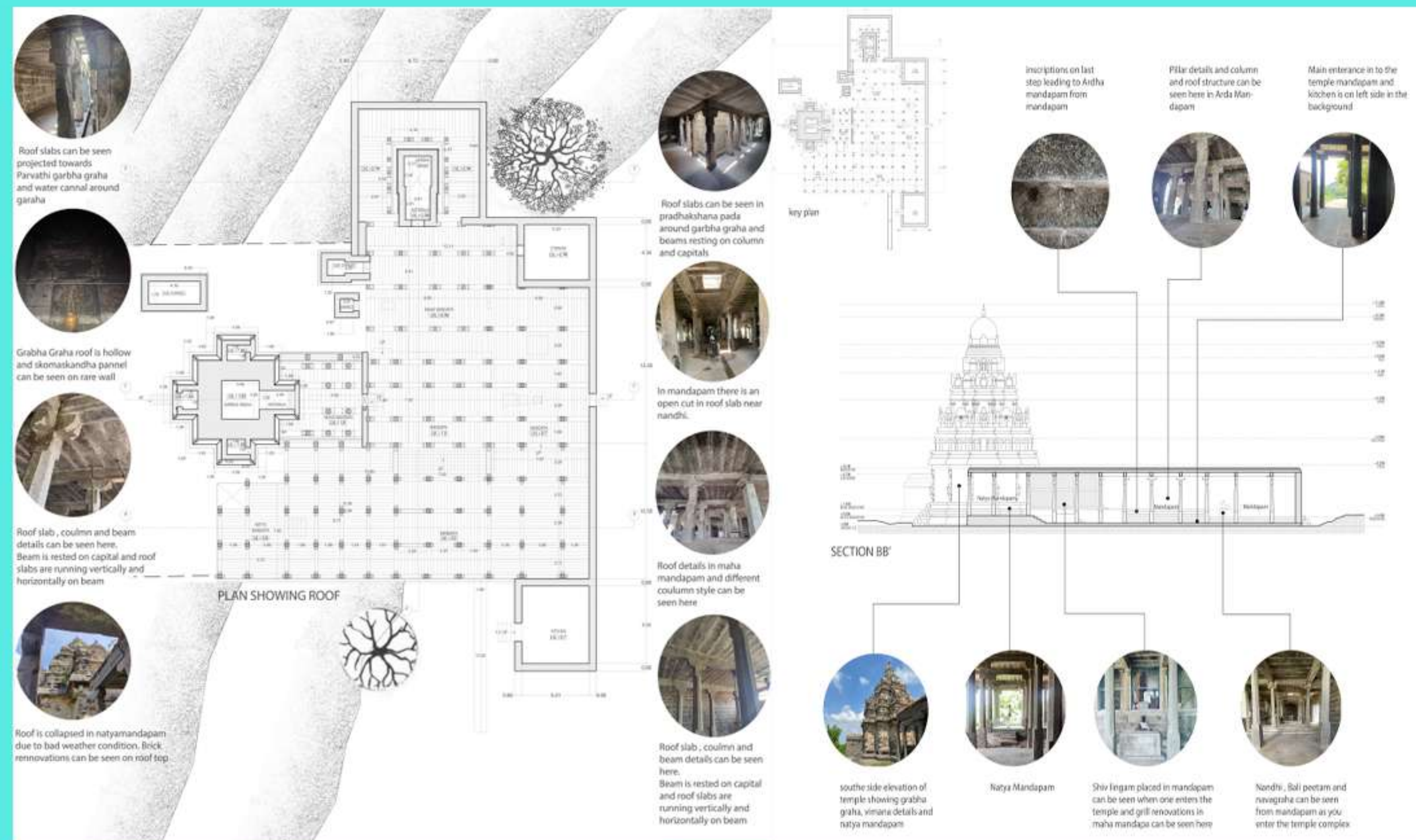


GUIDED BY AR. AISHWARYA R

46

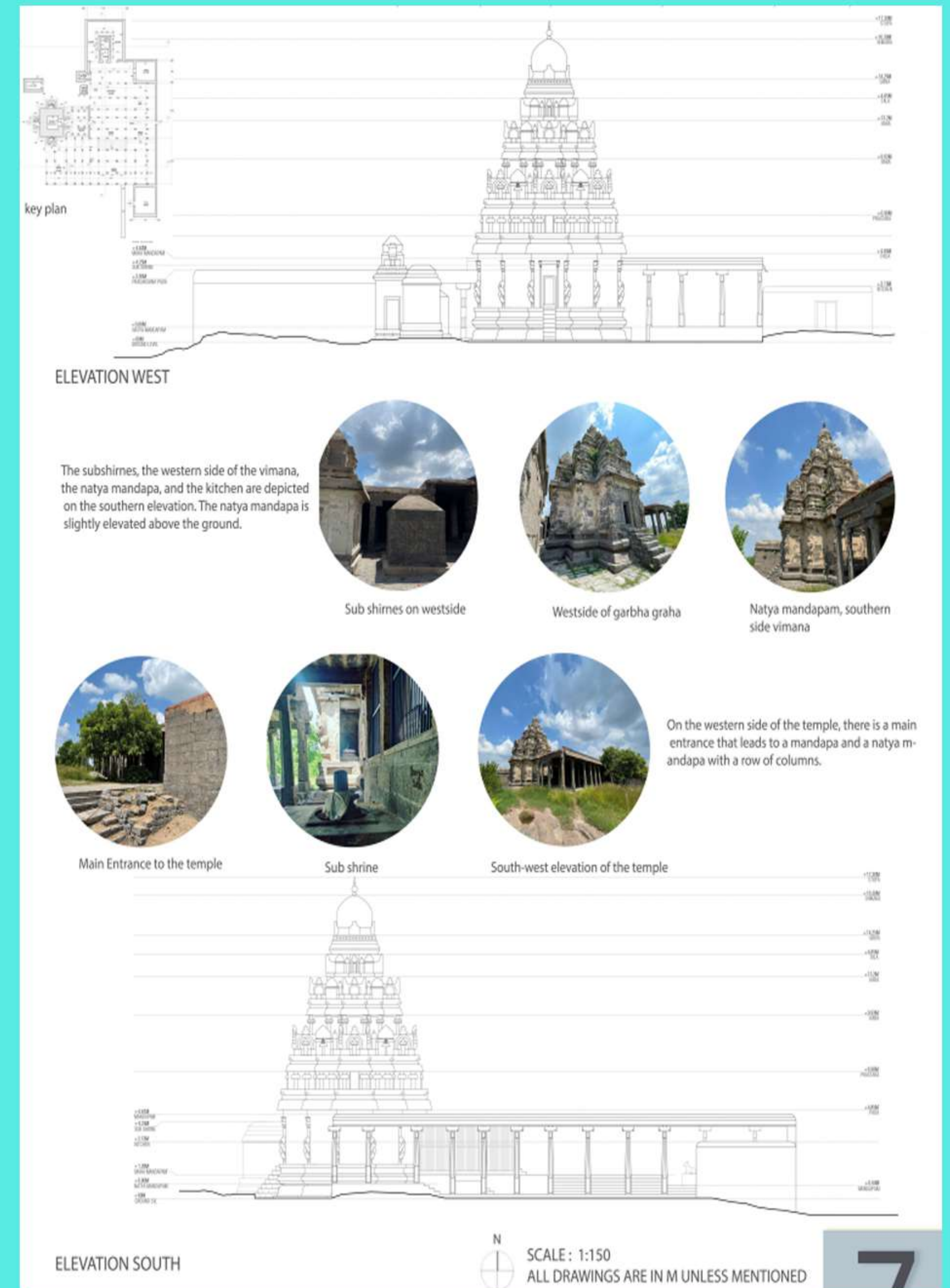
SEMESTER 9

B.ARCH



SEMESTER 9

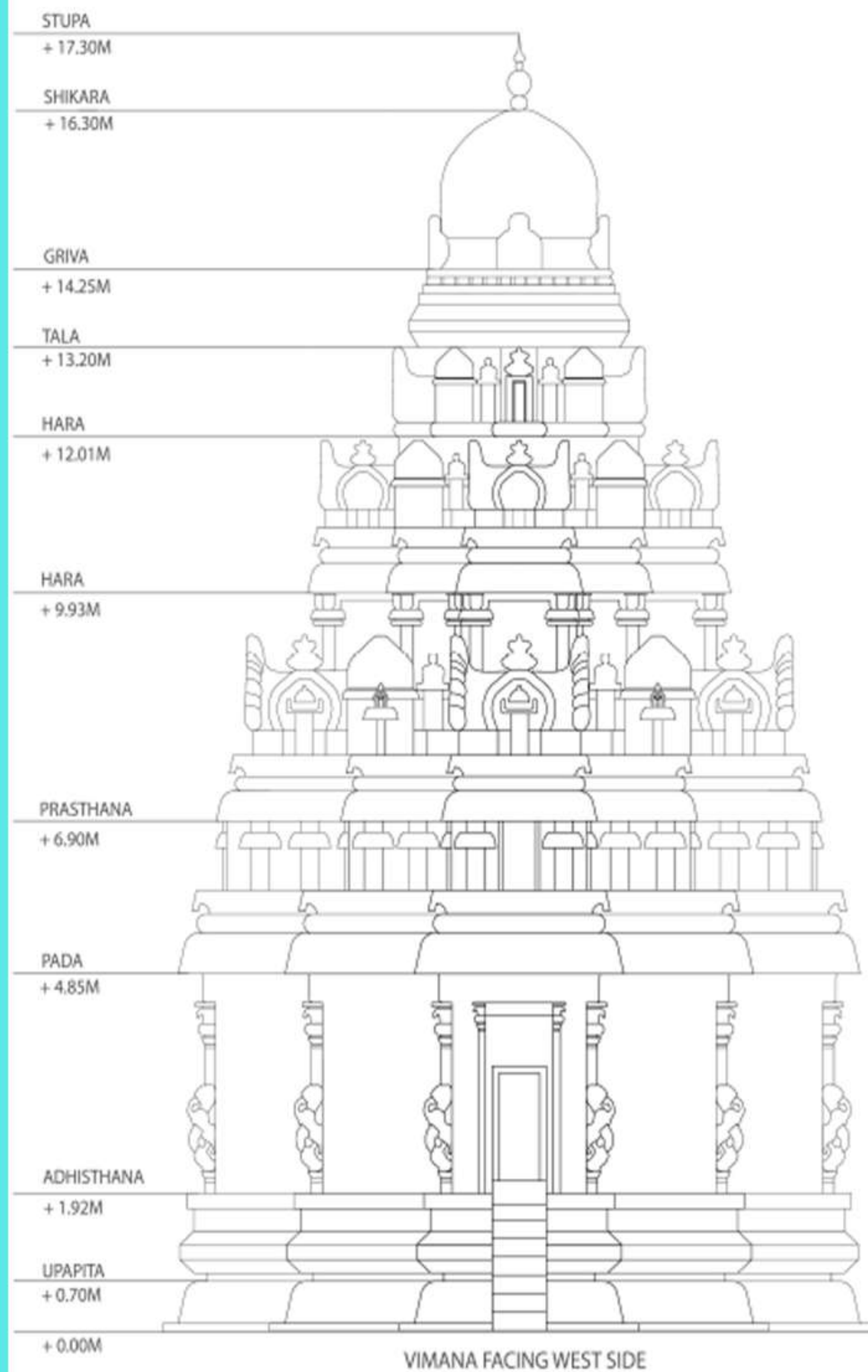
B.ARCH



BY ANJANA REDDY, AAKRITI, SATHYAVATHI, SHAKURTHI, CATHERINE STANLEY, FAHAD ROUF SHAH, PS SIDDHARTH

SEMESTER 9

B.ARCH



spire, also known as a shikhara, that marks the end of the temple's upper body, or vimana. The spire is curved and has a corrugated stone at the top, which is called the amalaka. It culminates in dome-like or octagonal constructions with stupa on top.



The clerestory, which is a series of windows above the garbhagriha and at the base of the spire.



A vimana tala refers to a level or storey. A wall zone in tala has thin pilasters. Statues are typically used to embellish the side sections substantially.



The rectangular-shaped carved structure known as the shala or ayatasra, which is embellished with sculptures and animals that illustrate the temple's history and construction process.



Another level or tala in the vimana called prasthana features decoration in the form of pillars or chatra shapes.



The pillars (simha stambhas) that stand in between the walls that surround the garbhagriha. The beam or architrave that marks the beginning of the spire and the conclusion of the garbhagriha walls. The griva is the clerestory, or rows of windows, that are located above the garbhagriha and at the base of the spire.

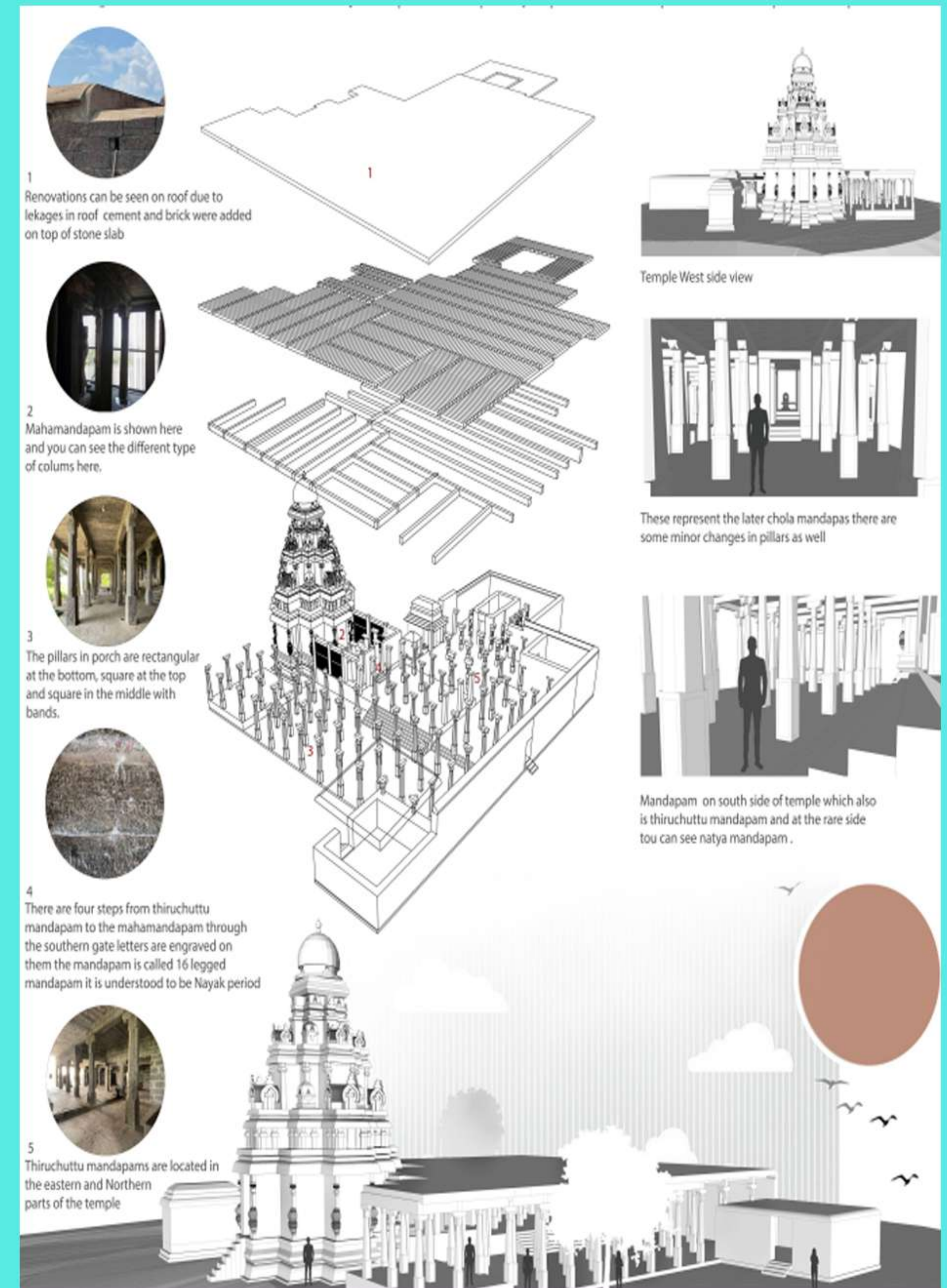


A platform or base that increases the upapita height, is where it rests. Adishthana sides are frequently decorated with deep-cut mouldings or relief carvings. Stone was used to construct the adhithana, or raised platform, of the temple.

BY ANJANA REDDY, AAKRITI, SATHYAVATHI, SHAKURTHI, CATHERINE STANLEY, FAHAD ROUF SHAH, PS SIDDHARTH

SEMESTER 9

B.ARCH



GUIDED BY AR. POOJA KRIPANITHI

SEMESTER 1

M.ARCH

COMMUNITY BASED TOURSIM & VENDHAR SQUARE

Semester 1 aims at understanding the development which supports a chain of seamless connectivity with perception of community based tourism in Mahabalipuram. To encourage sustainable mobility, image ability, walkability by connecting different land use in a harmonious environment. The students also focused on design proposal for Vendhar Square with recreational landscapes space and other amenities.

FACULTY TEAM

1. Prof. Dr. Shanthi Priya
2. Ar. Gajendran

SEMESTER 1

M.ARCH



SHADED CANOPY WITH CREEPERS

MOUNDS WITH TREES AT TOP

SCULPTURES AT ENDS

FOXTAIL PALMS

Use of Foxtail palms, ground covers, shrubs & plants like mimusops elangi, creeper as a natural shading canopy is being implemented in this pocket along with hardscape like boulders & miniature sculptures at vertical ends. Use of mounds of small sizes giving a interesting element in the pocket. These mounds are ended with bands at both sides of min. 9" thickness which can stabilize the soil inside. Seating also provided inside the canopy.



AERIAL VIEW OF THE DESIGN

BY YOGITHA

SEMESTER 1

M.ARCH

CONCEPT

The vendhar square is been designed by a flow of palace of a king .Where we can feel the ancient row of coloumns and to give the feel of a palace, bright colours are been avoided and made the complete design to run as a single colour tone of rock.

The design of vendhar square is designed by Keeping the constrain of traditional and simplicity .For natural lighting and ventilation we have designed the dining area and the corridor completely open to feel fresh air flowing throught the area.



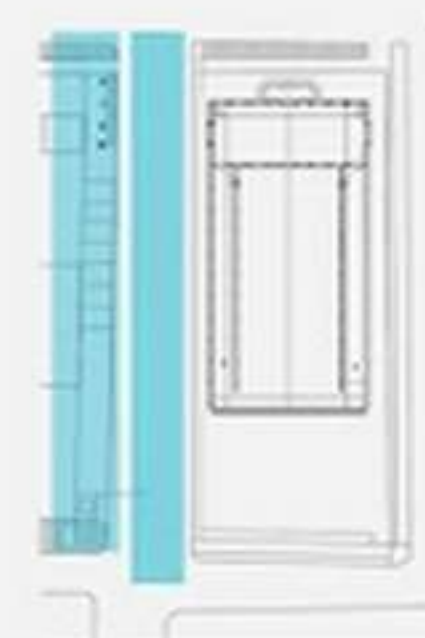
CHARACTERS INVOLVED

- Row of column
- Rock clour tone
- Stone flooring
- Natural ventilation
- Natural lighting
- Traditional coloumns

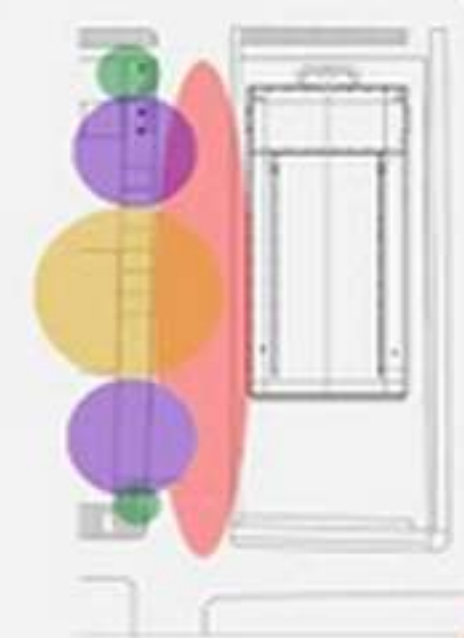
CONCEPTUAL SITE LAYOUT AND PLANNING



EXISTING BUILDING



AREA TO BE DESIGNED

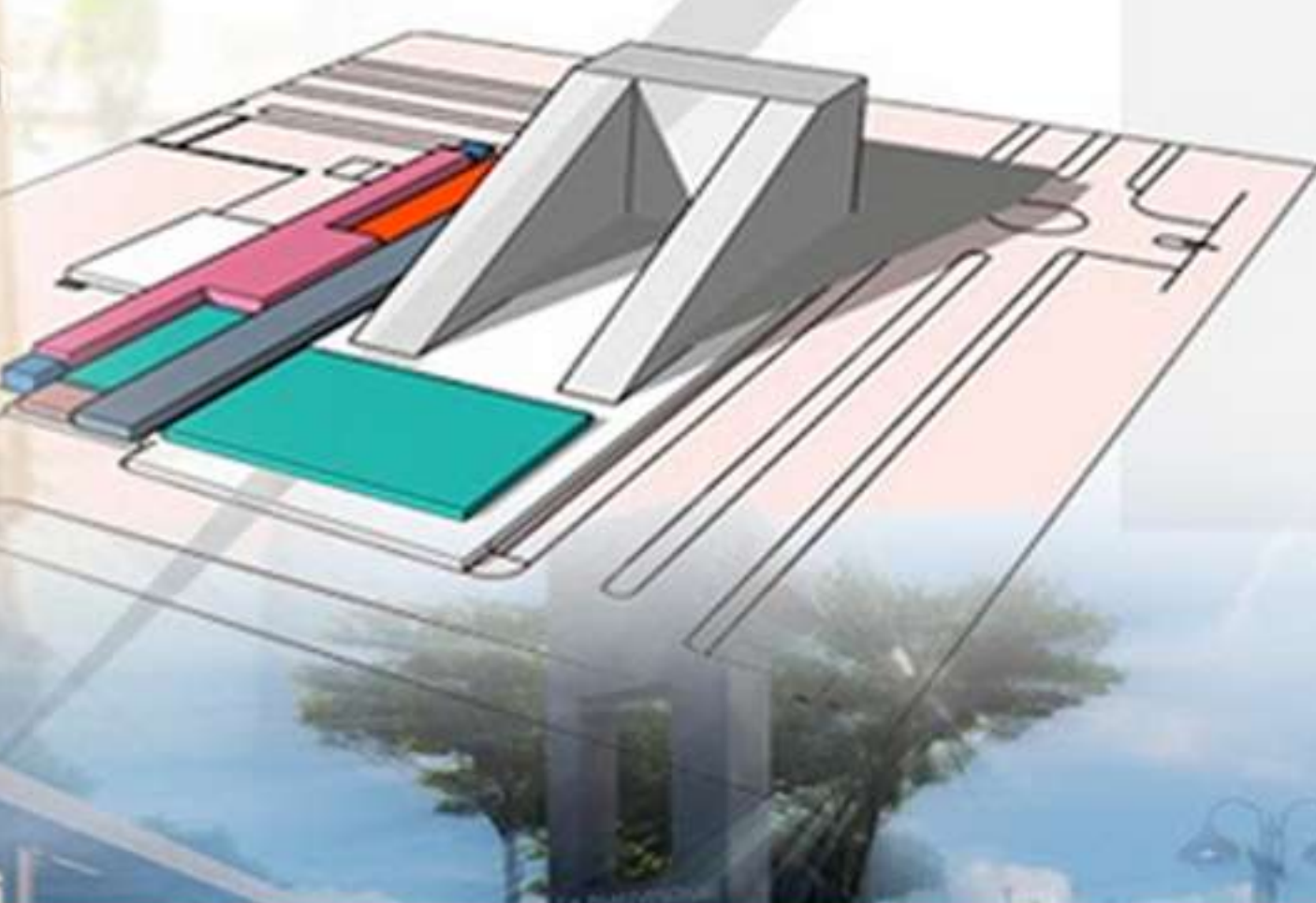
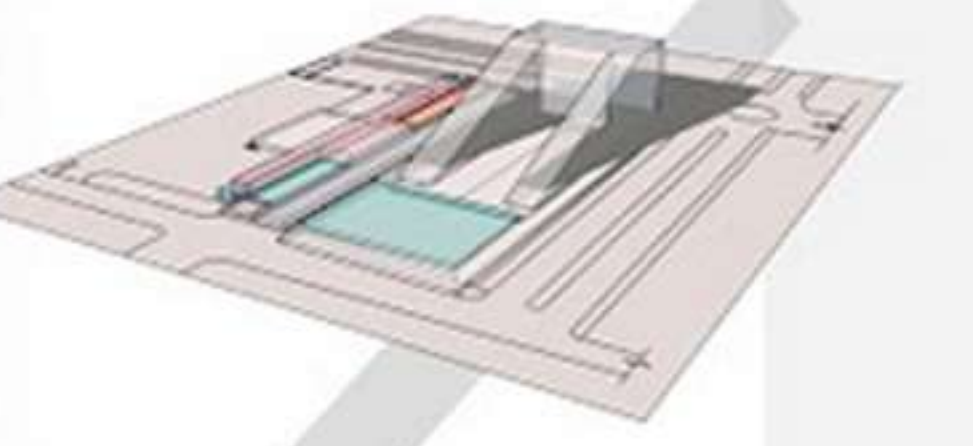
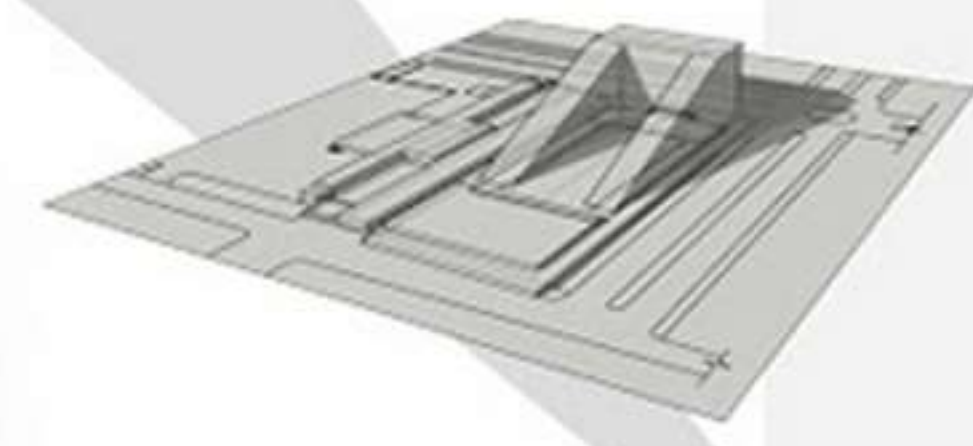
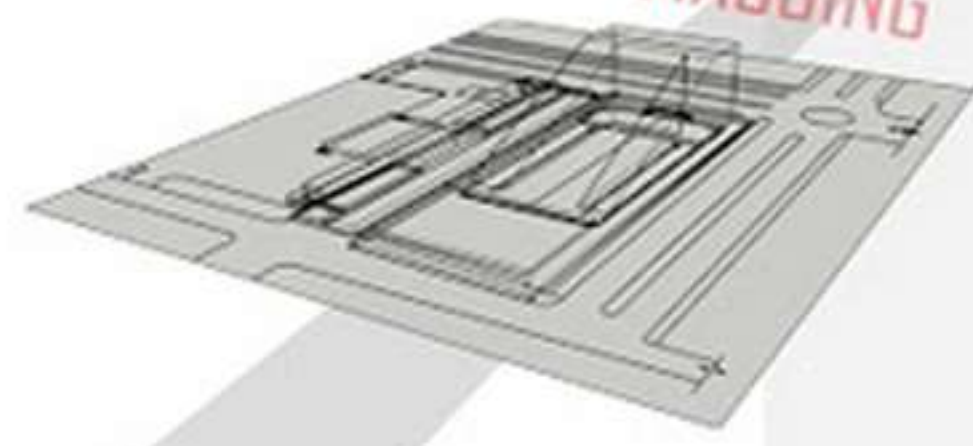


ZONING OF SPACE



PEDESTRIAN AND VEHICLE PATH

MASSING



SEMESTER 1

M.ARCH



BY ASHOK, SURYA, DHASARADAN, NIKITHA

SEMESTER 1

M.ARCH

SITE AND VIEWS



SITE PLAN

SCALE - 1:300



1 ENTRANCE TO VENDHAR'S SQUARE



2 SHADED SITTING AREA WITH VIEWPOINT



3 AUDIENCE SPACE FOR THE CENTRAL STAGE



4 SHADE SITTING AREA FOR THE FOOD COURT



5 MULTI-PURPOSE FEATURE WALL AREA



6 BACK ENTRANCE TO THE STUDENT'S CORRIDOR

SEMESTER 1

M.ARCH

ACTIVITIES AND USES



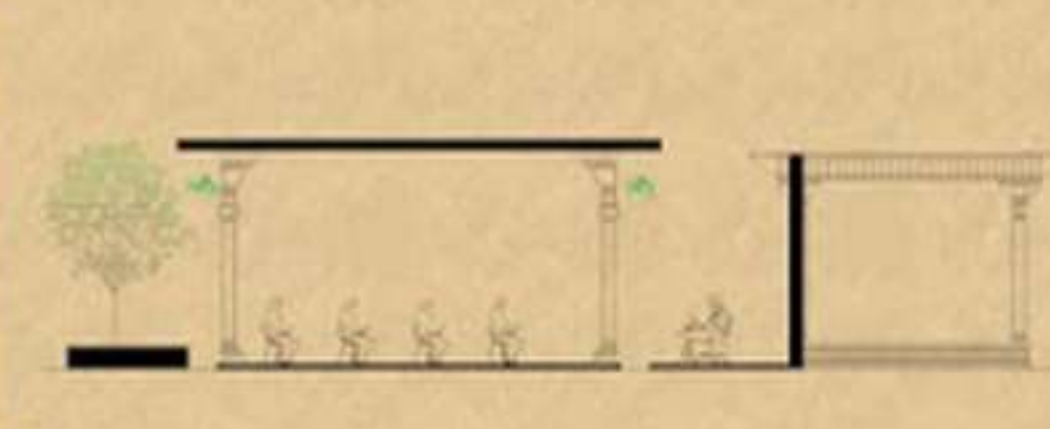
TEMPORARY SITTING AREA NEXT TO THE FOOD STALLS WHERE USERS CAN SIT AND EAT UNDER THE SHADE



AESTHETICALLY PLEASING, PEACEFUL AREA WITH GAZEROS WHERE USERS CAN RELAX



SITTING AREA IN FRONT OF VENDHAR'S SQUARE WHERE USERS CAN HAVE A QUIET AND PEACEFUL EXPERIENCE



EXAMPLES OF HOW THE USERS CAN UTILISE THE SAME SPACE IN MULTIPLE WAYS. IN THIS EXAMPLE, THE USERS CAN BE SEEN NEAR THE FEATURE WALL ATTENDING A LECTURE OR HAVING A GROUP DISCUSSION. AT THE SAME SPACE WE HAVE SHOWCASED HOW THE USERS CAN UTILISE THE SPACE FOR DANCING OR OTHER RECREATIONAL ACTIVITIES AS WE HAVE PROVIDED THE FACILITY/SPACE FOR IT.

THIS SPACES WHICH ARE DIVIDED IN DIFFERENT ZONES CATER TO A WIDE RANGE OF ACTIVITIES AND ACT AS A MULTI-PURPOSE ZONE. IT WILL TOUCH UPON THE DIFFERENT NEEDS OF THE DIFFERENT USERS WHICH ARE EXPECTED TO USE THE SPACE. THESE SPACES HAVE BEEN DESIGNED WITH THE INTENTION TO ATTRACT THE STUDENTS AND OTHER STAFFS, KEEPING THEIR COMFORT AND NEEDS AS A PRIORITY (PROVIDING SHADE, SITTING SPACE AND SHOPS WHICH ARE ESSENTIAL).

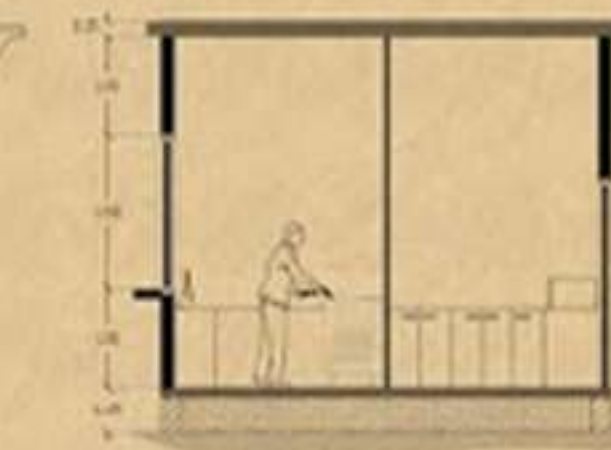
STUDENT CORRIDOR SHOPS



SIDE VIEW OF SHOPS WHERE POSTERS OR MENUS CAN BE SHOWCASED



FRONT VIEW OF THE SHOP WHERE STUDENTS CAN PLACE AND COLLECT THEIR ORDER



SECTIONAL ELEVATION OF SHOPS IN STUDENT'S CORRIDOR



PLAN OF SHOPS IN STUDENT'S CORRIDOR

SCALE - 1:150

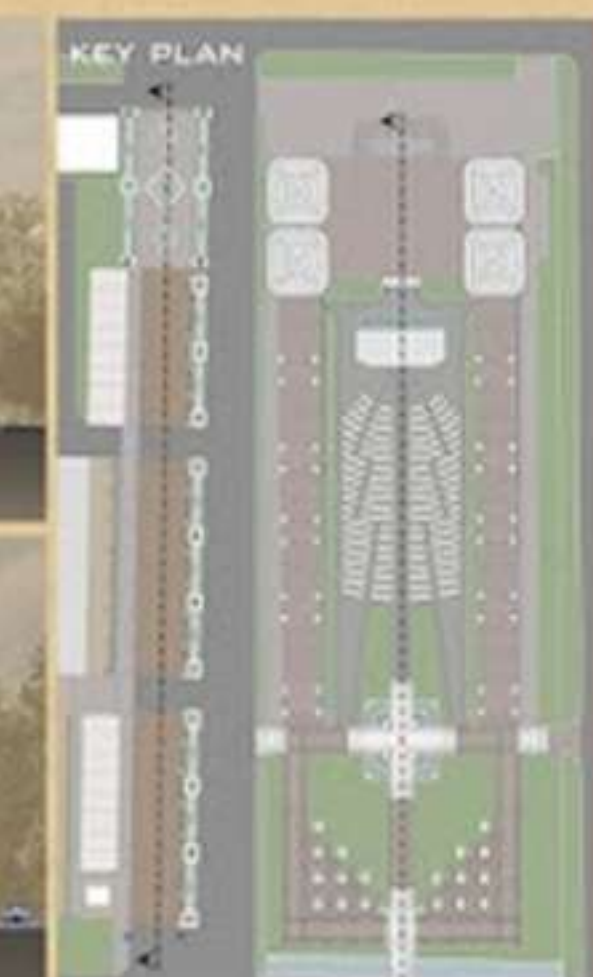
SITE SECTIONS



RENDERED SITE SECTION OF VENDHAR'S SQUARE



RENDERED SITE SECTION OF STUDENT'S CORRIDOR



KEY PLAN

BY PRABHALA SRIPOOJA, SOBER THOUDAM, AJITHKUMAR

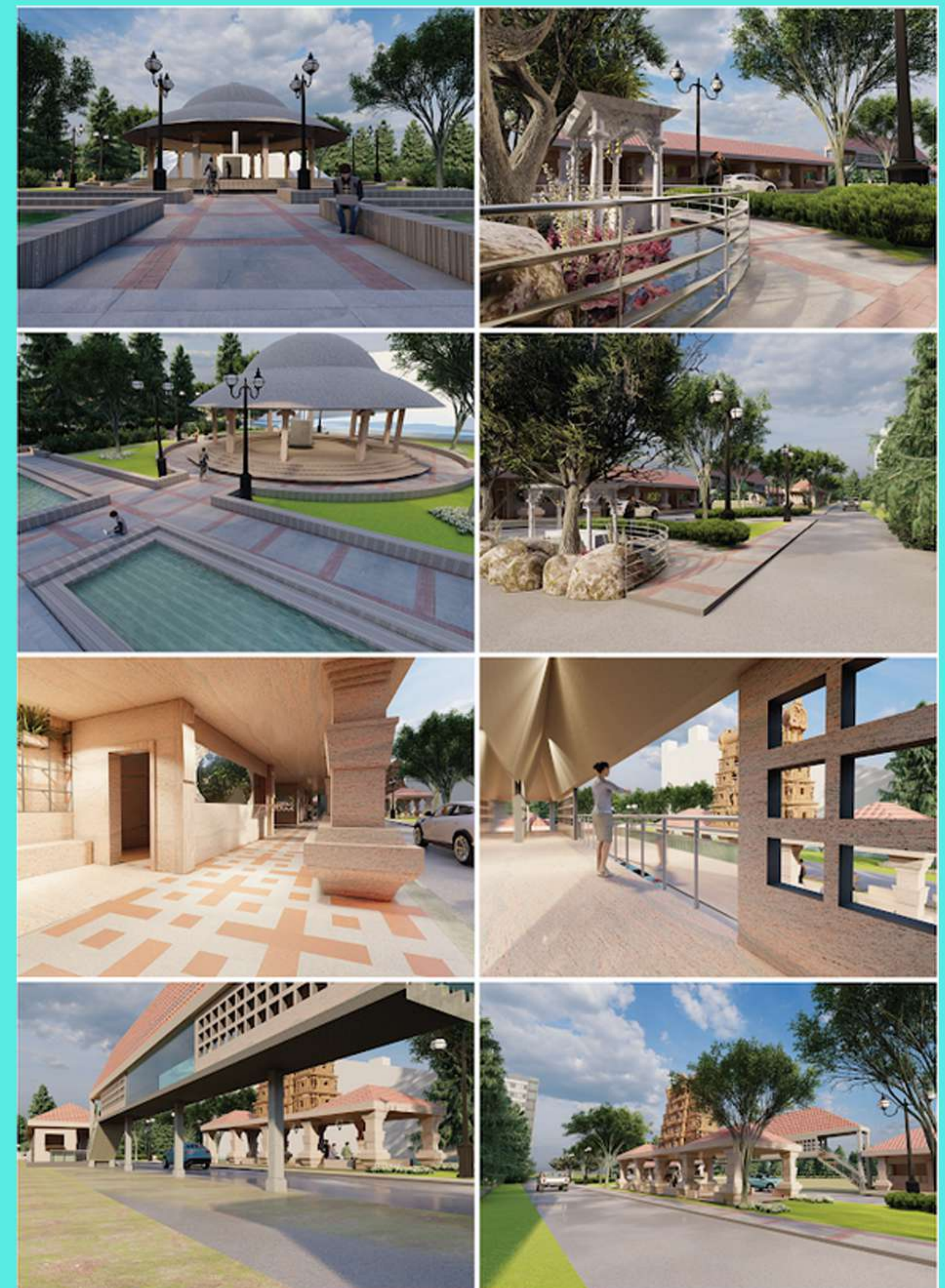
SEMESTER 1

M.ARCH

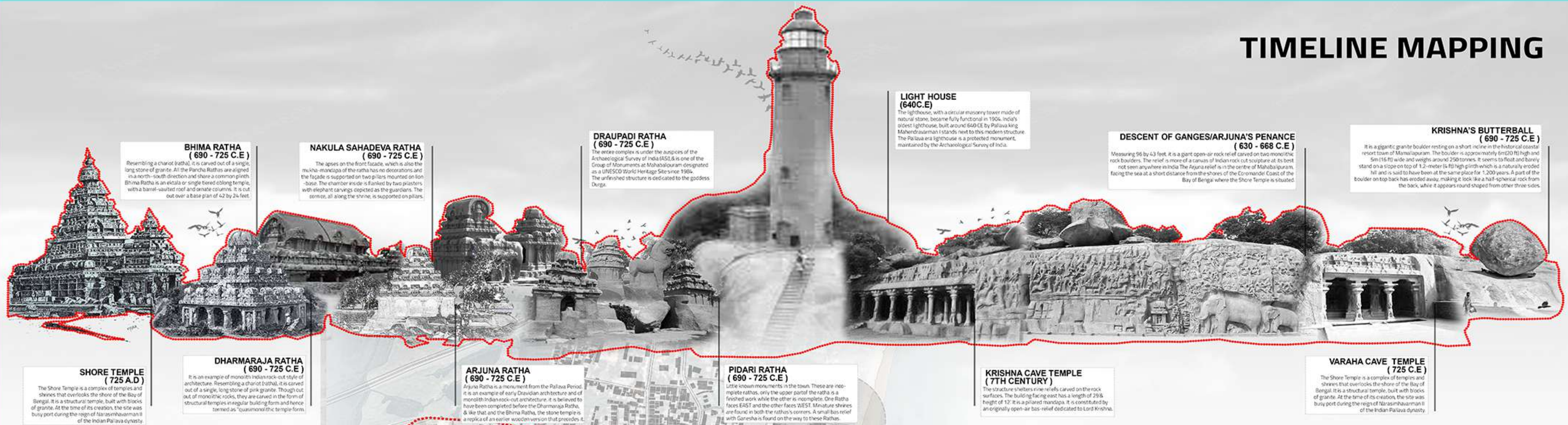


SEMESTER 1

M.ARCH



TIMELINE MAPPING



MAHABALIPURAM



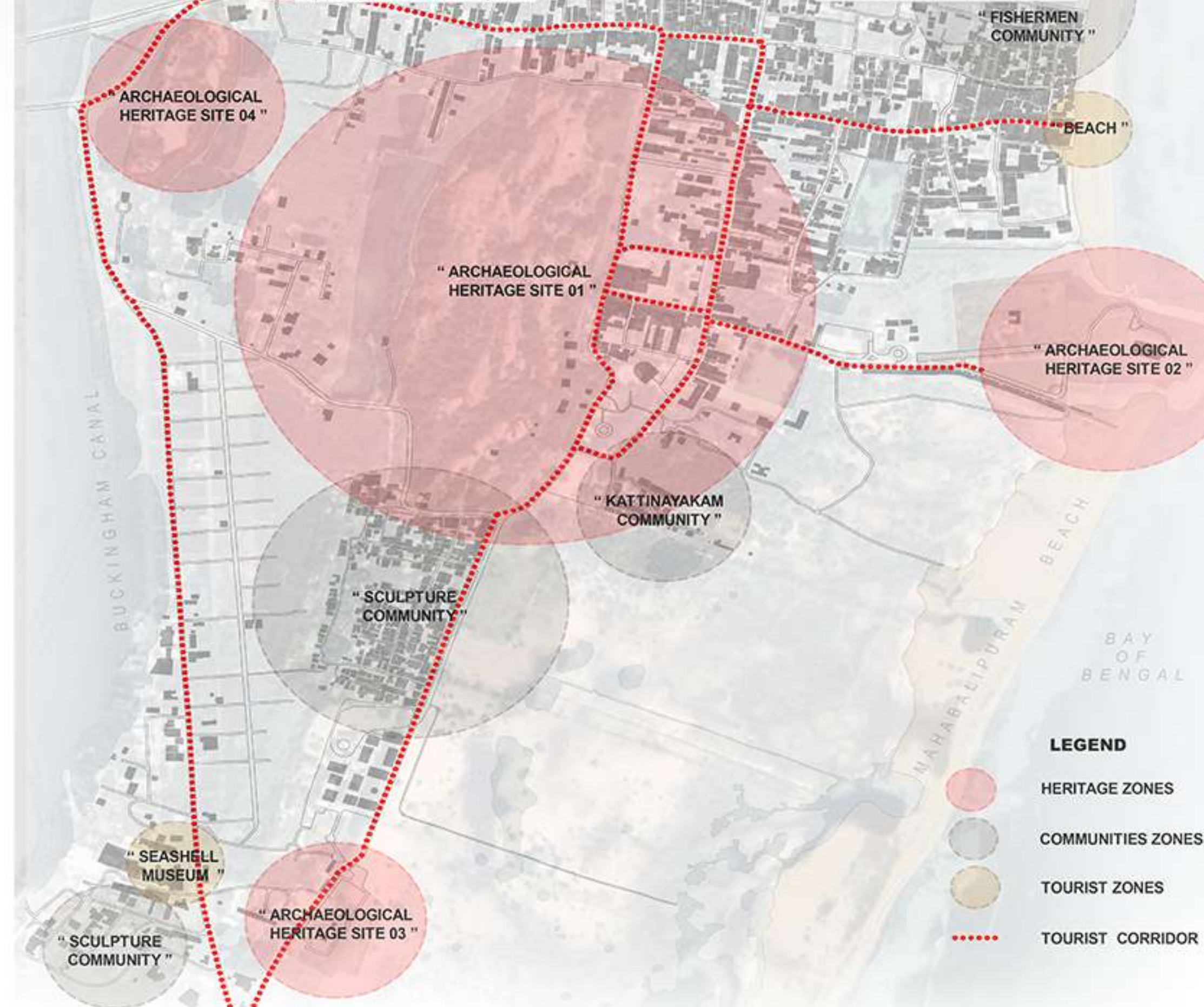
Mamallapuram, also called Mahabalipuram or Seven Pagodas, historic town, northeast Tamil Nadu state, southeastern India. It lies along the Coromandel Coast of the Bay of Bengal 37 miles (60 km) south of Chennai.

Mahabalipuram is an important place of classical Monuments in India, the monolithic and cave temples. It is also known as Mamallapuram. This place attracts large number of visitors from all over the world. It is situated close to the sea and it is rich in artistic wealth also. These monuments afford scope for not only the study ancient architecture and sculpture in the Tamil country.

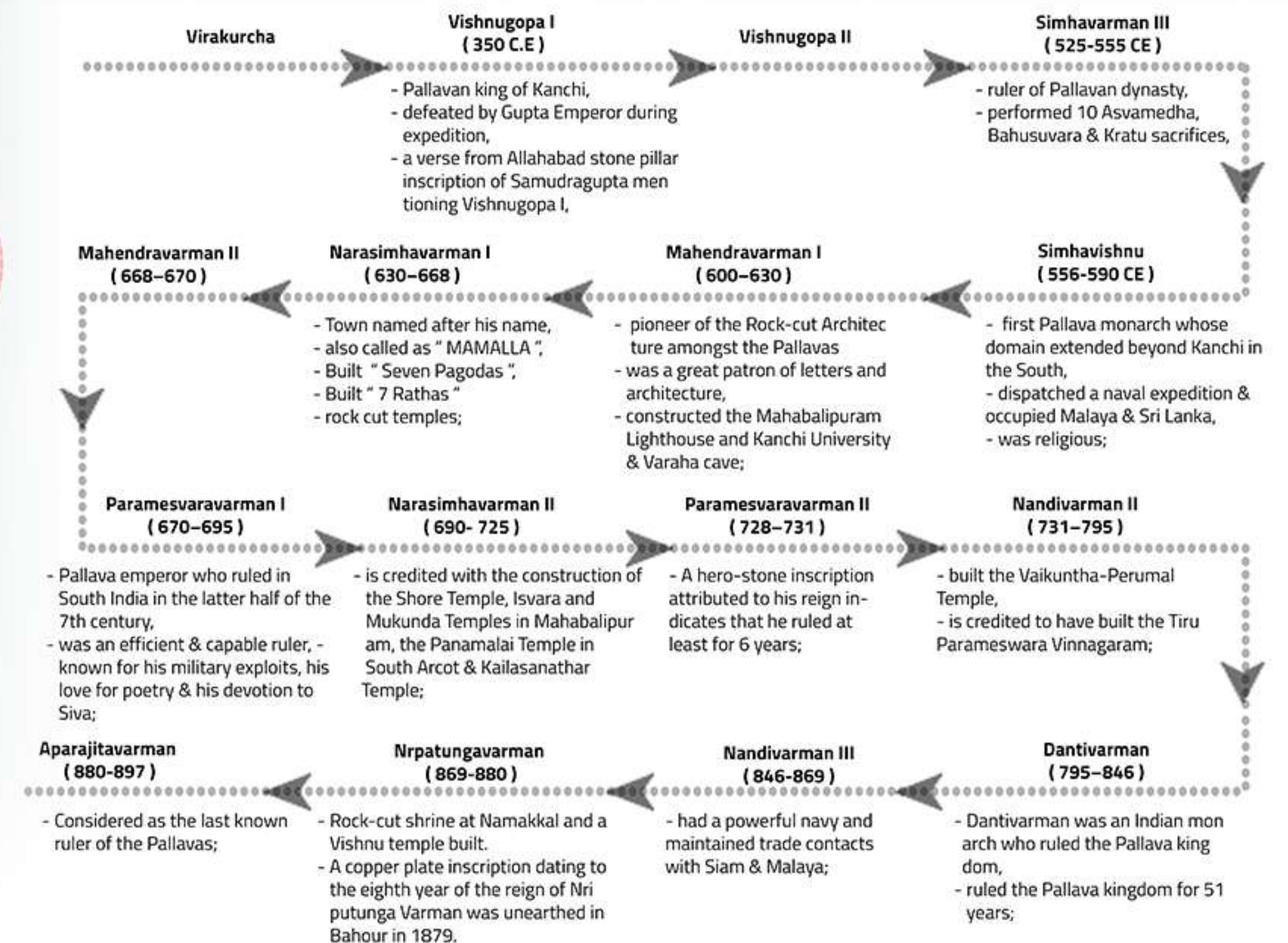
The rich portraits in stone of various deities, celestial beauties and epic stories are breathtakingly real. The shore temple, cave temples, Chariot temples are the world's largest & is the pride of Mamallapuram. It was once the flourishing port of the Pallavas - an old lighthouse built of stone exists intact till date, proclaiming the glory of Pallava trade and maritime supremacy.

It is also the birth place of one of the first three Alvars Boothathalwar. Since Pallava kings were both Saivaites and Vaishnavaites. Mamallapuram has shrines of both beliefs. Though no formal worship is done today, large number of visitors come every day to enjoy the sculpture and splendour of Pallava art architecture. The monolithic and scooped out cave temples are of different dates.

Mamallapuram is a resort and tourist centre. In addition to the ancient monuments and temples, it has an extensive beachfront on the ocean, lined with resorts and tourist cabins. The town is also home to a college offering instruction in architecture and temple sculpture. It is a renowned representative city of our rich Indian culture and Heritage. Today, it stands as a center of art and as a testimonial to early Dravidian style of Architecture. This town also attracts tourists from not only at national level but also at international level.



SUCCESSION MAPPING

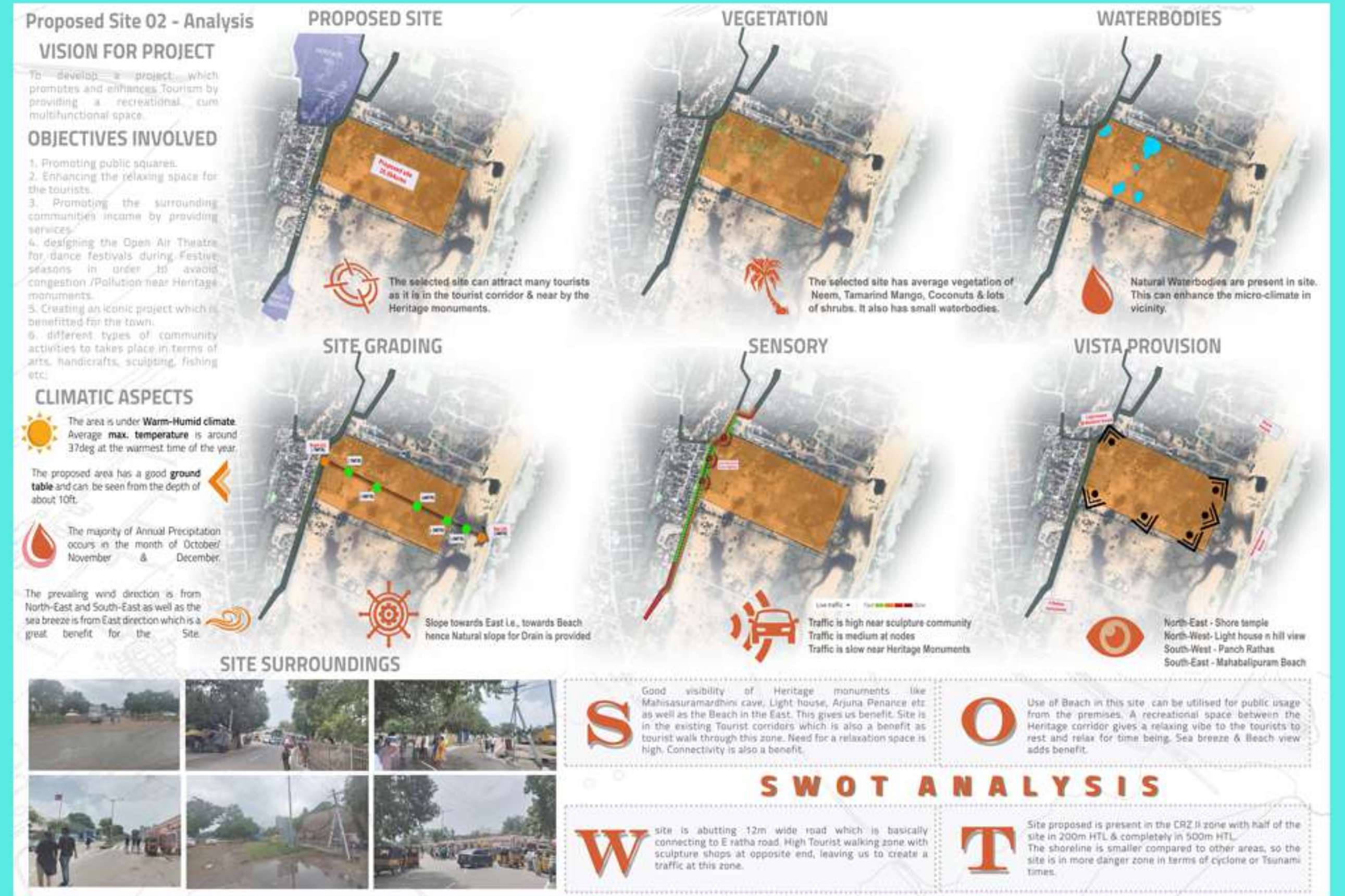
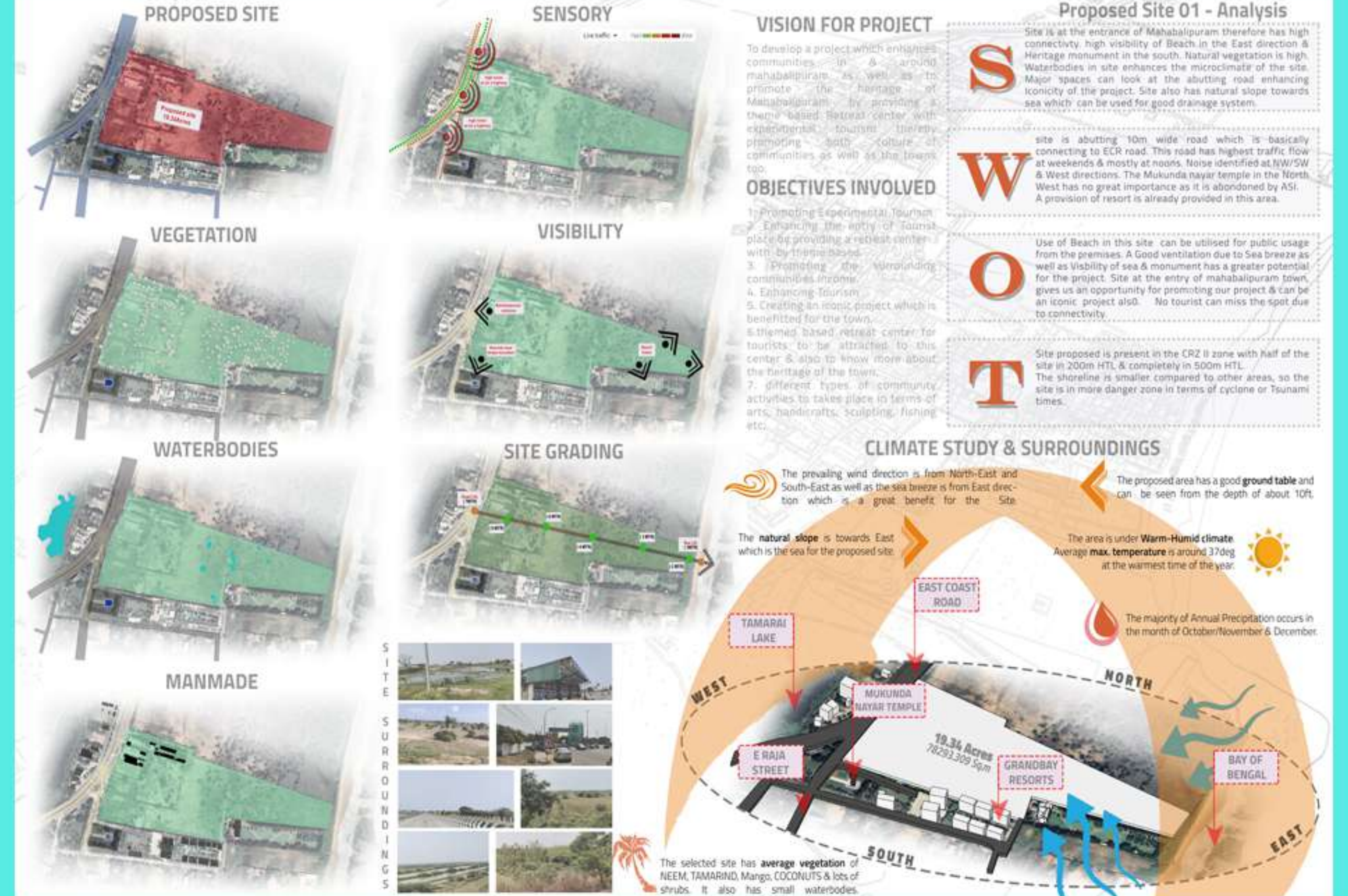


SEMESTER 1

M.ARCH

SEMESTER 1

M.ARCH



BY YOGITHA

SEMESTER 1

M.ARCH

SEMESTER 1

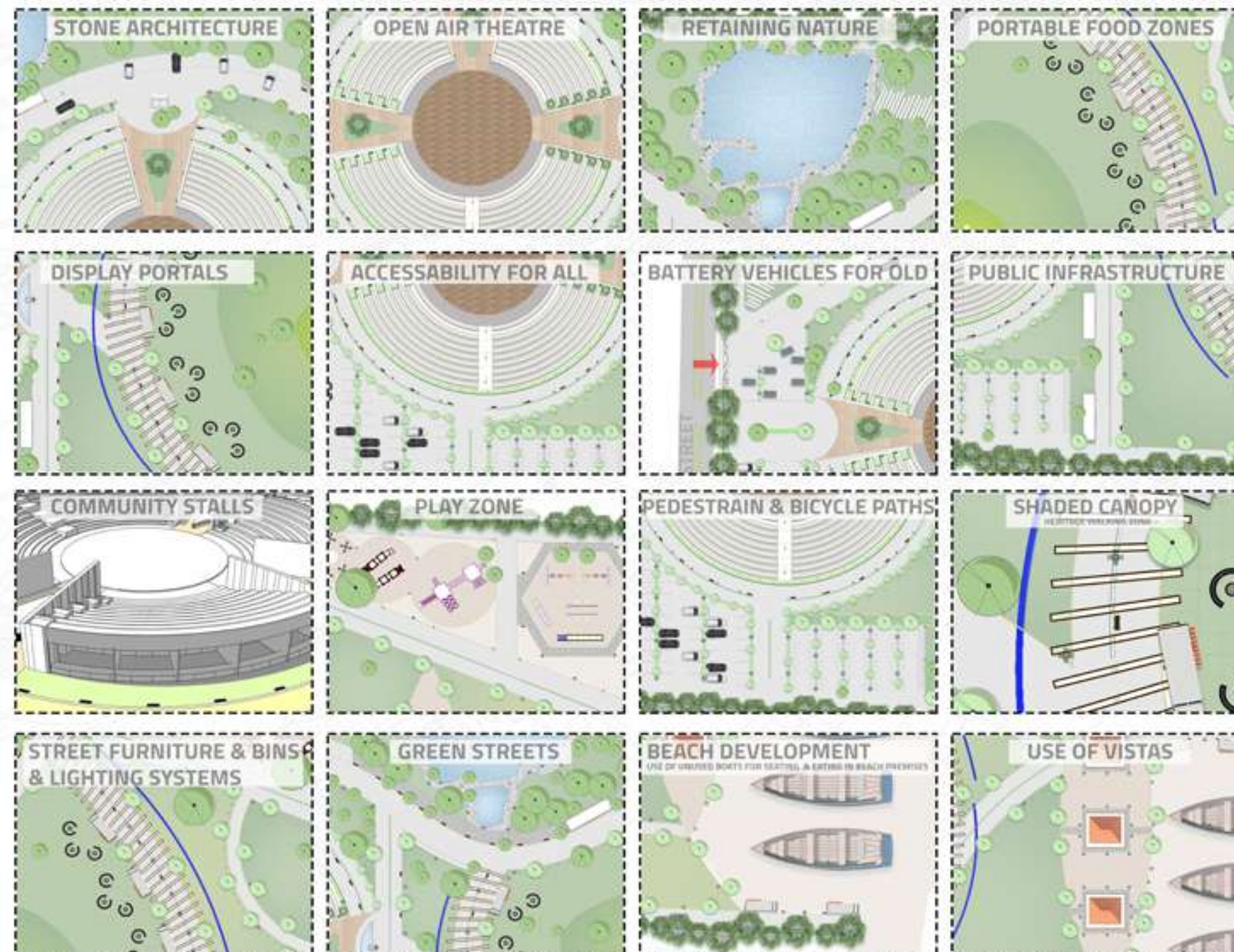
M.ARCH

DESIGN OF "RECREATIONAL LEISURE SPACE" FOR THE TOURISTS

ISSUES IDENTIFIED AT MAHABALIPURAM

- Need for development for all the major streets in mahabalipuram like Othawadi Street, E Raja street, Shore temple street, GDM Street, Conservation and development of temple tank near shore temple complex.
- Provision for heritage walks;
- Provision for a leisure spaces for tourists to relax under such weather;
- Movable kiosks development for improving the communities occupation;
- Development of active public spaces for recreation for tourists;
- Proper Bus station provisions for public transportation & parking spaces;
- Workshops to promote tourism, interact with communities;
- Providing experimental tourism for tourists;
- Improvise Tourism in beach as Mahabalipuram is famous for the beach also;
- Provision of wayfinding;
- Provision of ramps in pathways for "accessibility for all";
- Better Streetscaping for all the major streets;
- Promoting/provision of mobility ideas;
- Skill-upgradation for the community;
- Provisions that be designed for the festivals & dance festivals near heritage spots;
- Temporary establishments & developments near beach to accommodate public during festivals;
- Provisions for enhancing urban fabric of the space;
- Provisions for selfie points/binocular points for the public at beach & heritage spots;
- Good provision of platforms for hawkers & for encouraging them;
- Interactive portals provision for wayfinding & importance & history of heritage monuments displayed;
- Use of LED Portals, Light Poles with solar panels for sustainability;
- Use of technology (smart apps design);
- Conversion of buildings for home stays for the tourists;
- Small to Big level plazas provisions for the public as well as hawkers for in and around mahabalipuram, as they can promote their stalls in the plazas;
- Provision of urban plazas as the town is filled with shops, resorts, heritage spots, residential areas, there is no open spaces we find generally;

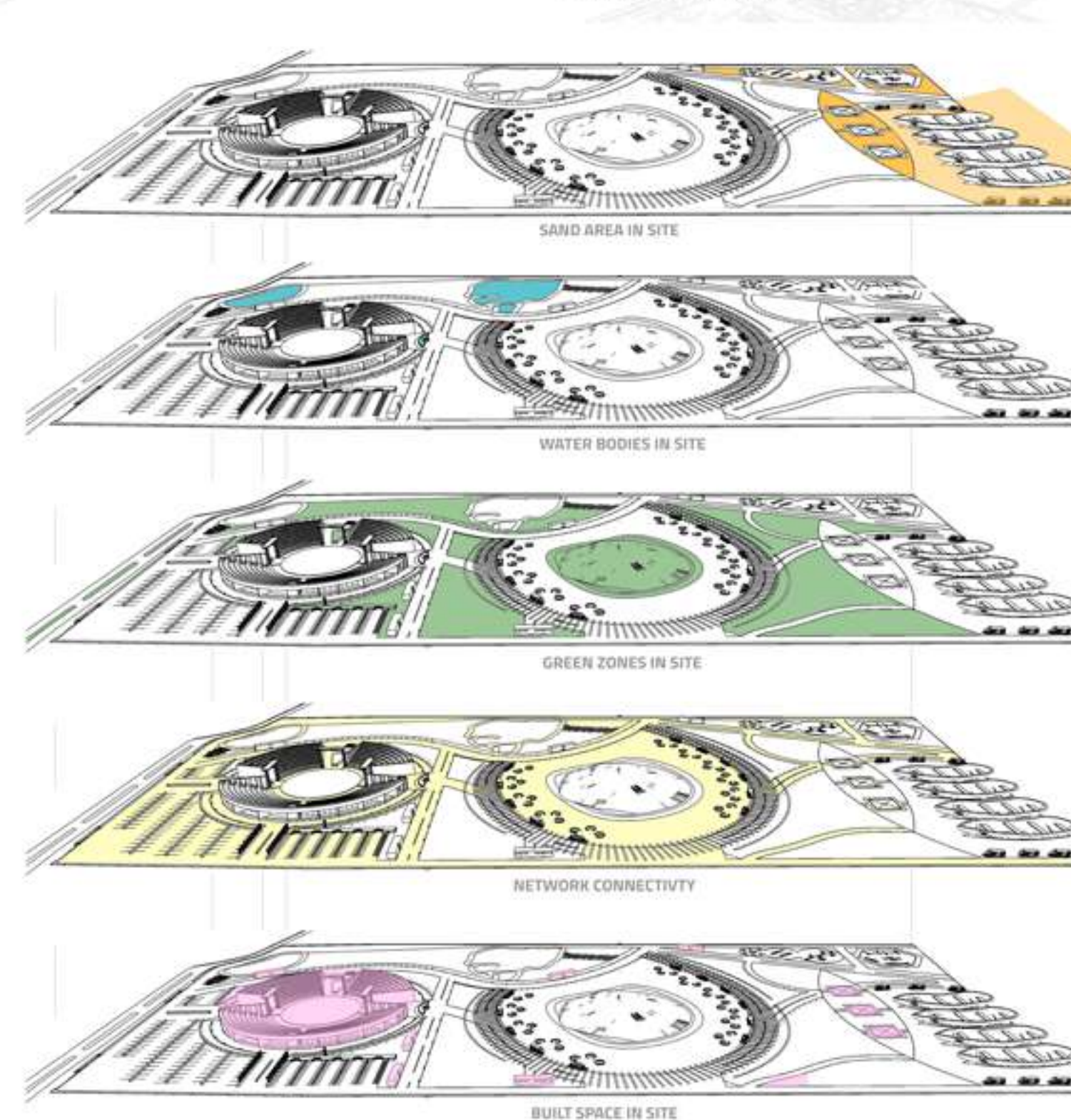
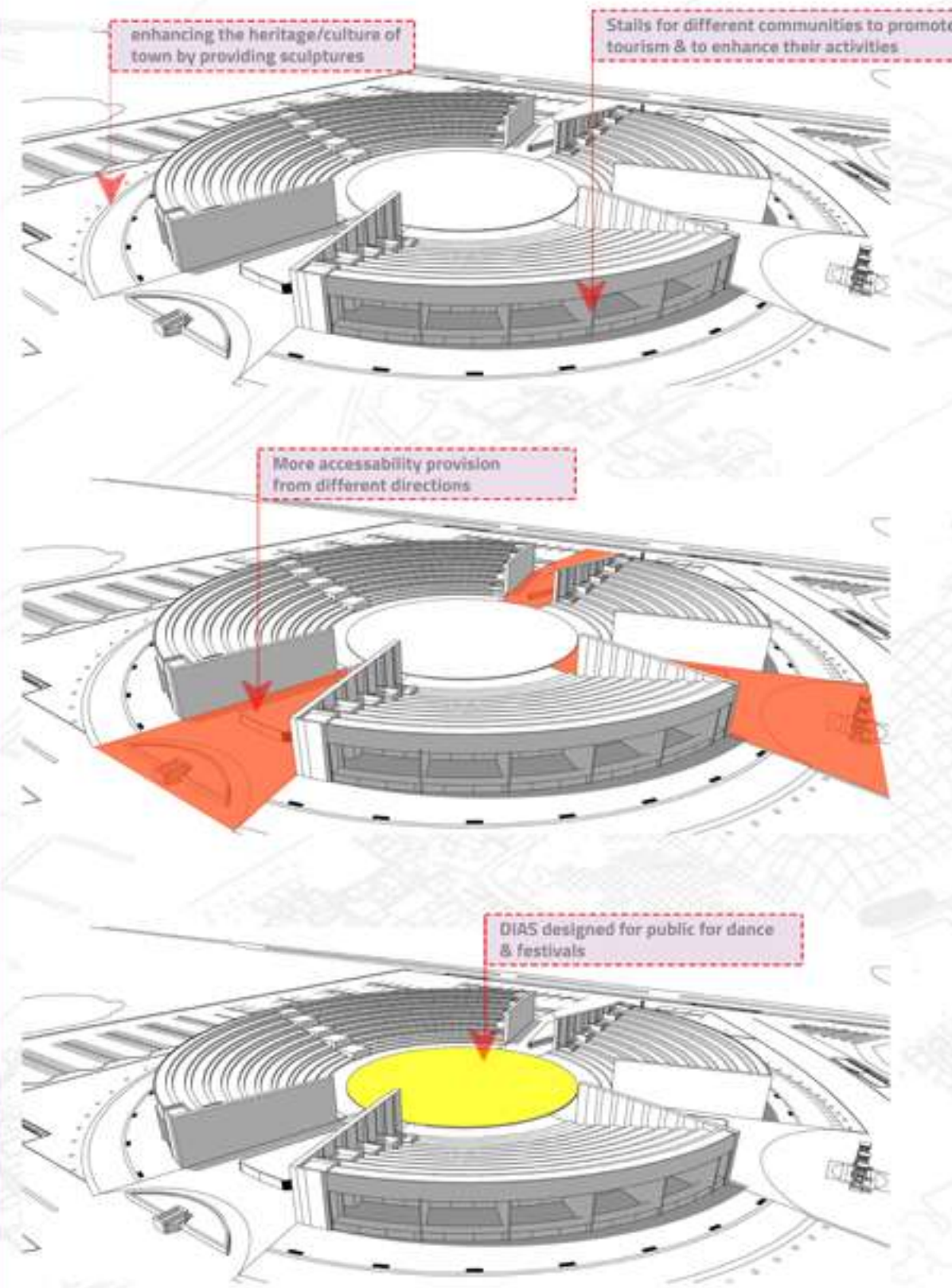
DESIGN CONSIDERATIONS FOR THE PROPOSAL



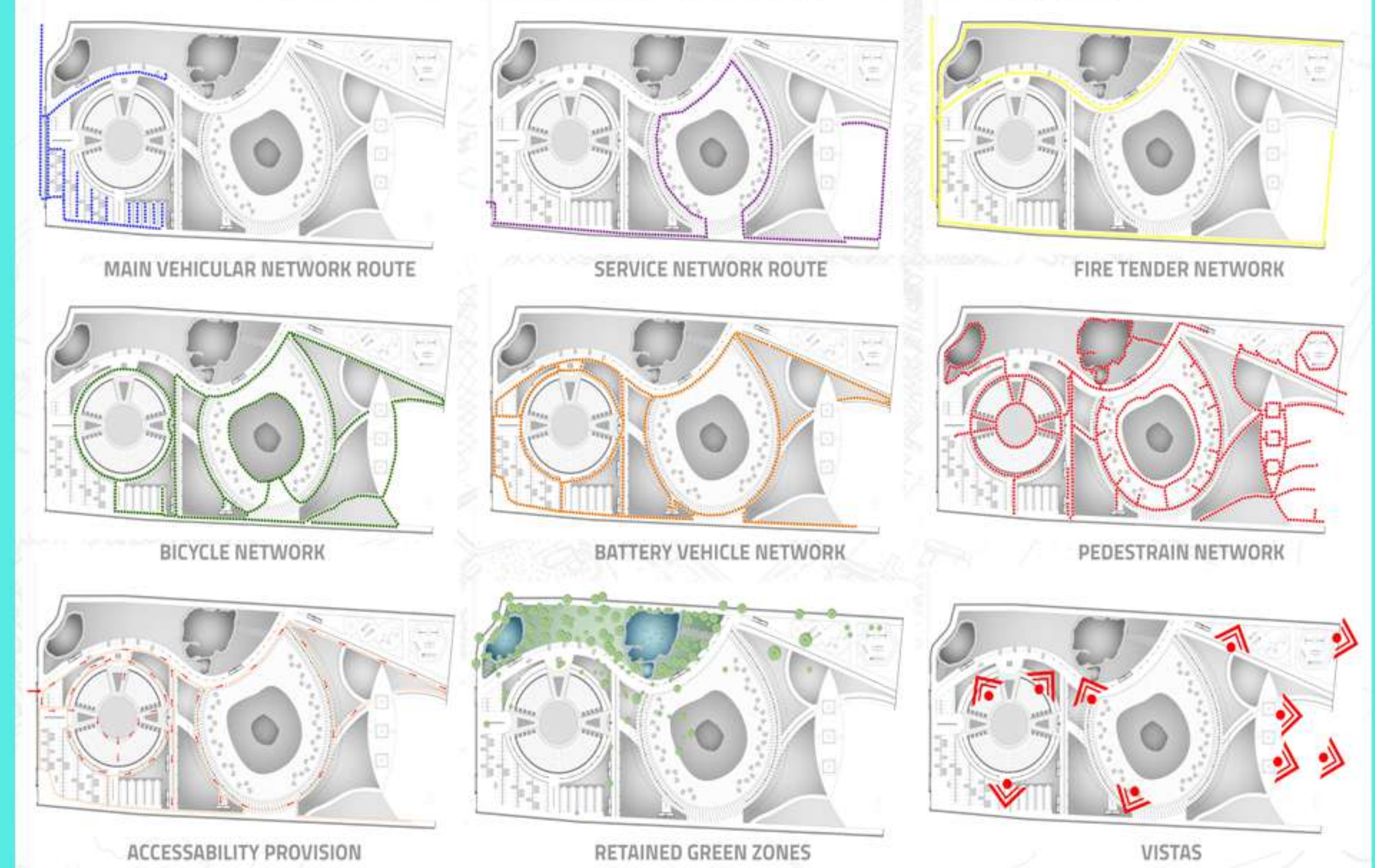
DESIGN OF "RECREATIONAL LEISURE SPACE" FOR THE TOURISTS



SITE ZONING



DESIGN OF "RECREATIONAL LEISURE SPACE" FOR THE TOURISTS



SEMESTER 3

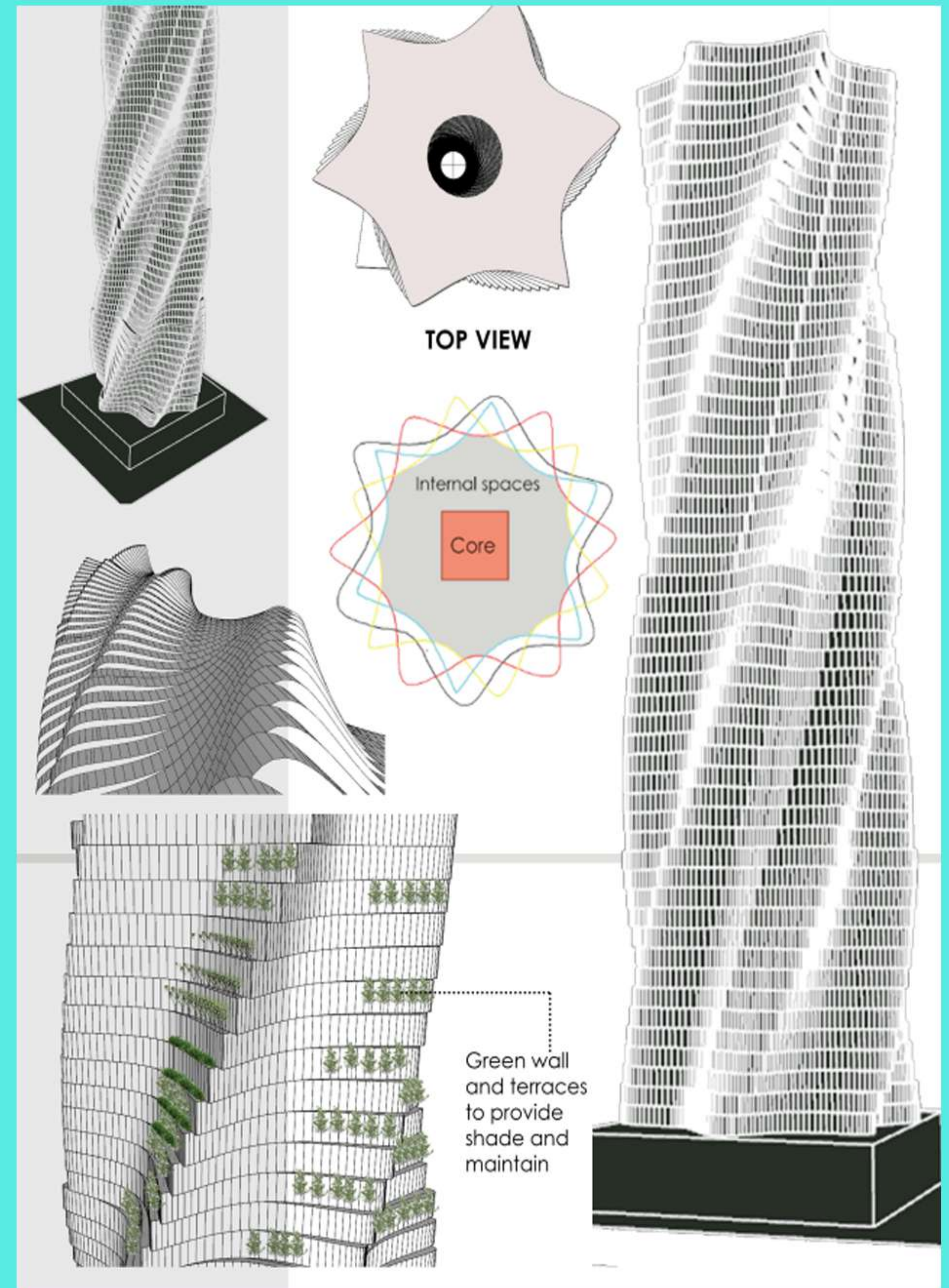
HIGH RISE BUILDING

Semester 3 aims at understanding the conceptual development of AI generation outputs have been manipulated to form of the helix and spiral of the DNA structure and intermediate floors are emphasized by the floor plates. The twisted structures creates a dynamism in the built form. In consideration with the structural loads, circulation between intermediate levels, vertical stacking, etc., the following high-rise buildings have been designed.

FACULTY TEAM

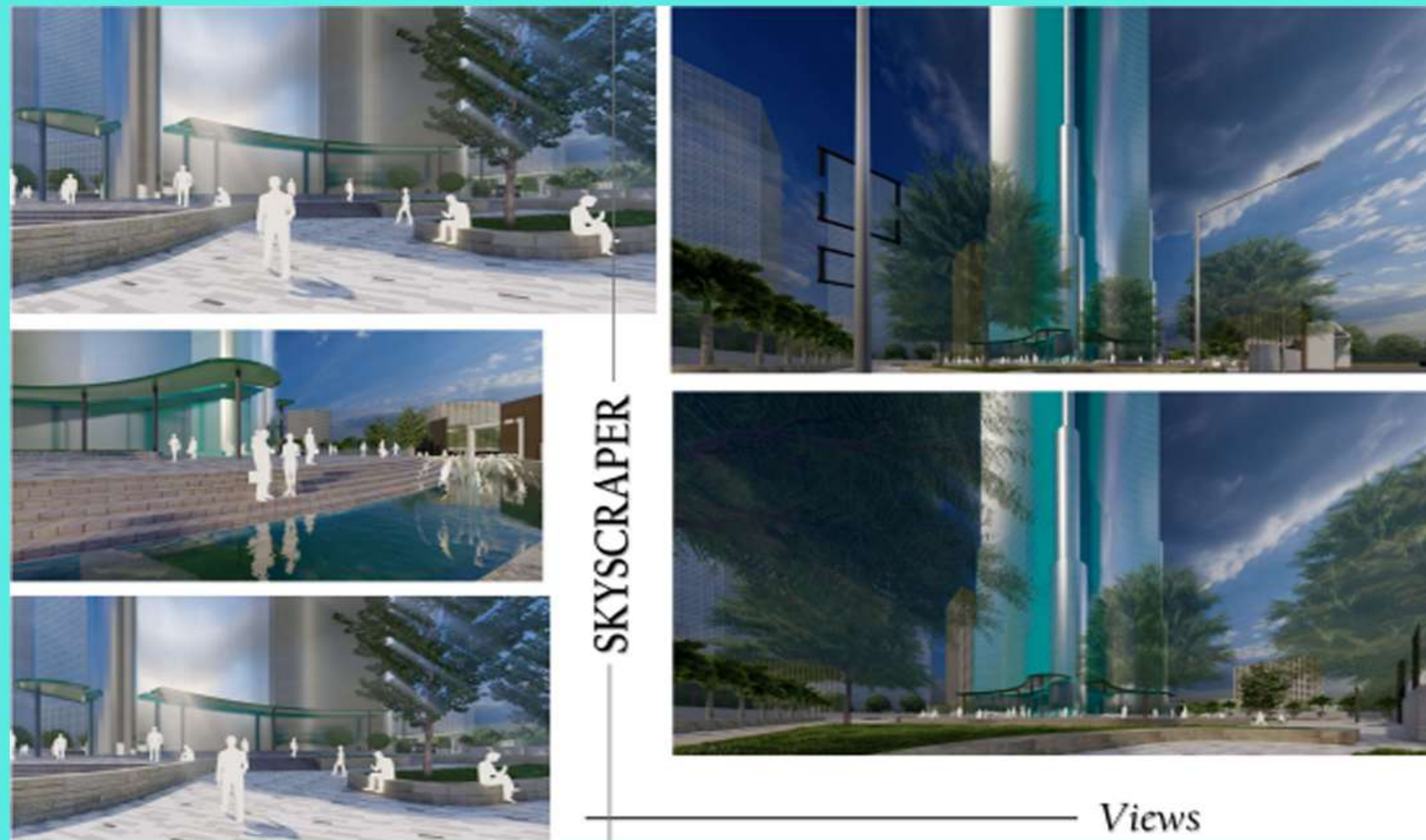
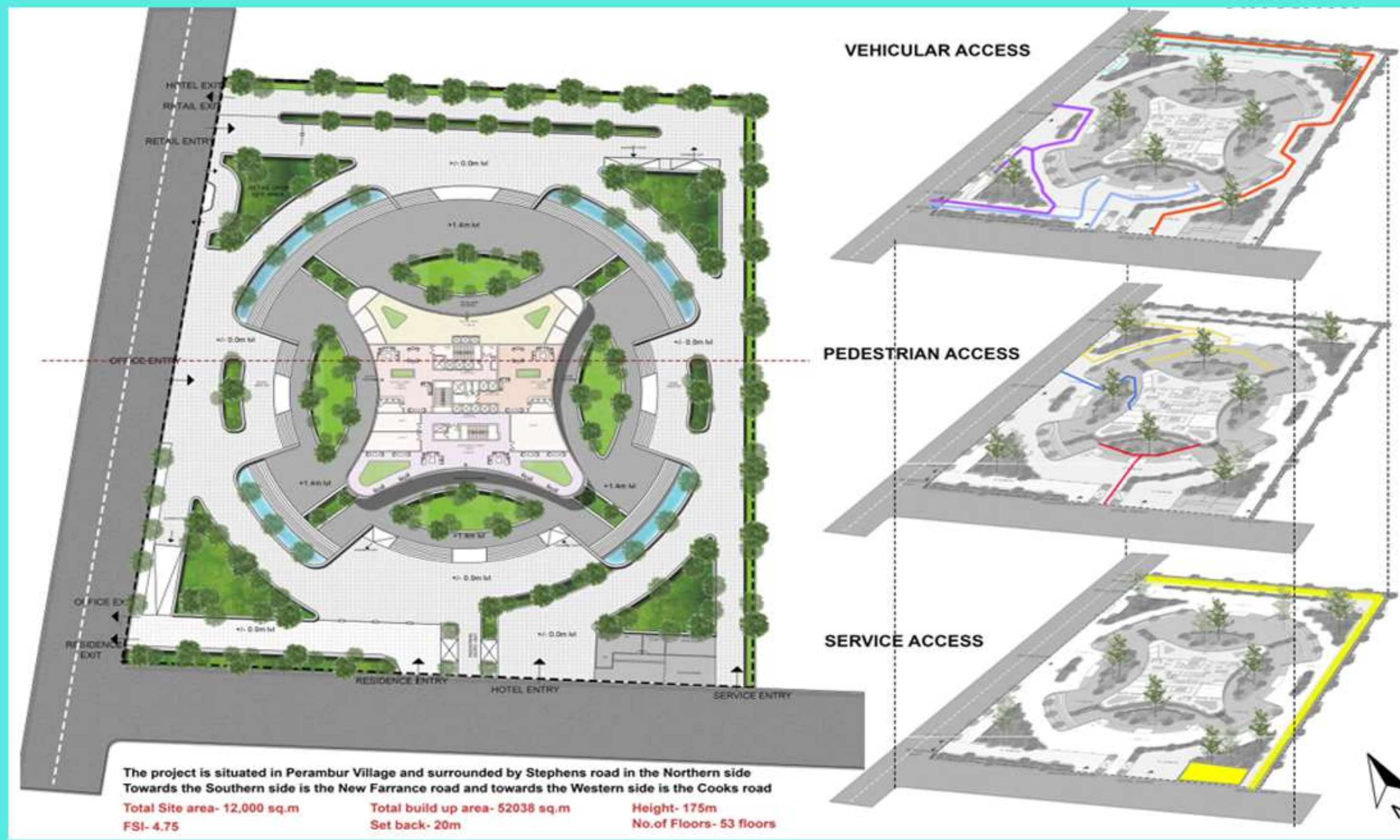
1. Prof. Suriya Prakash M
2. Ar. Rengarajan N

SEMESTER 3



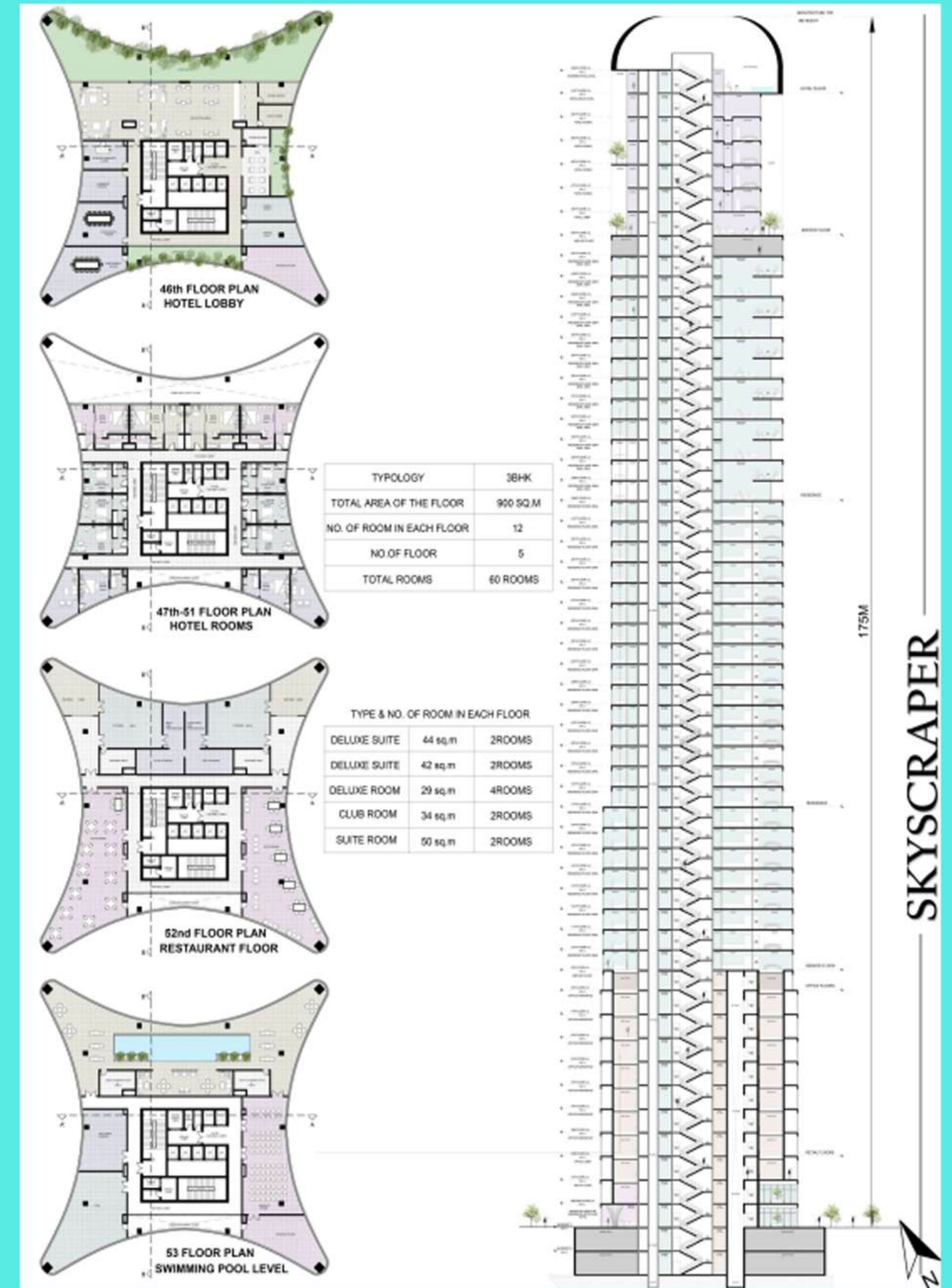
SEMESTER 3

M.ARCH



SEMESTER 3

M.ARCH

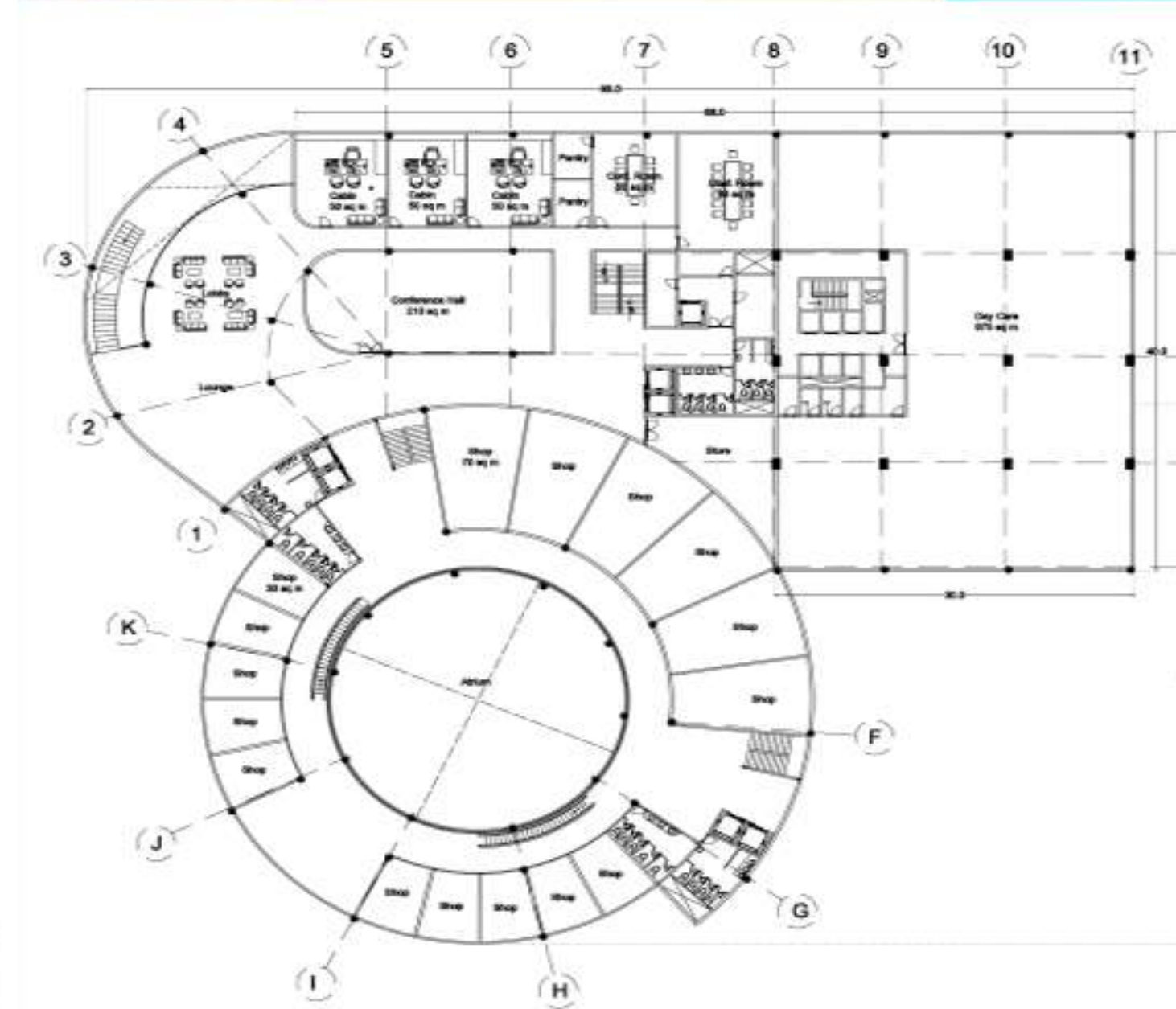
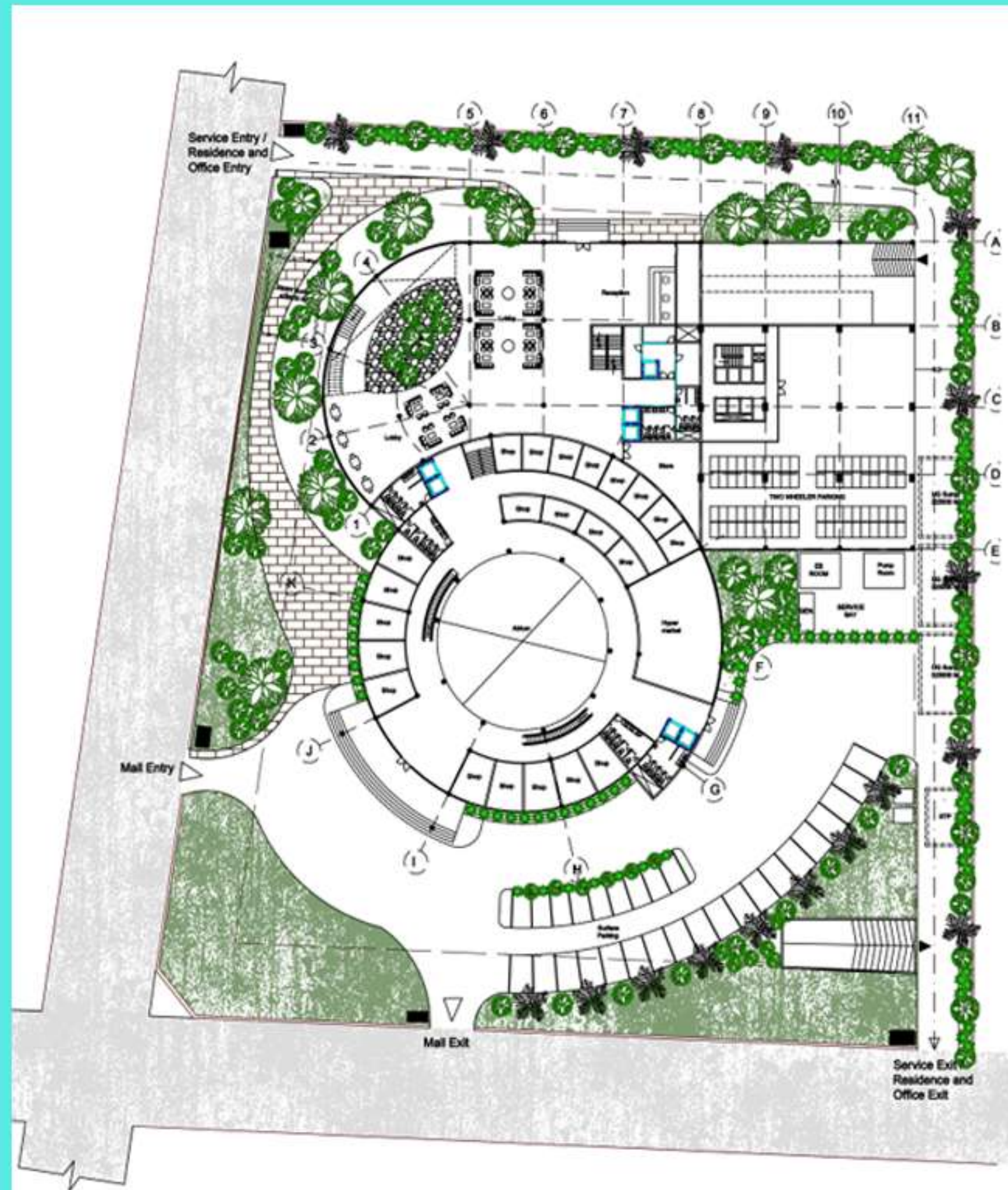


SEMESTER 3

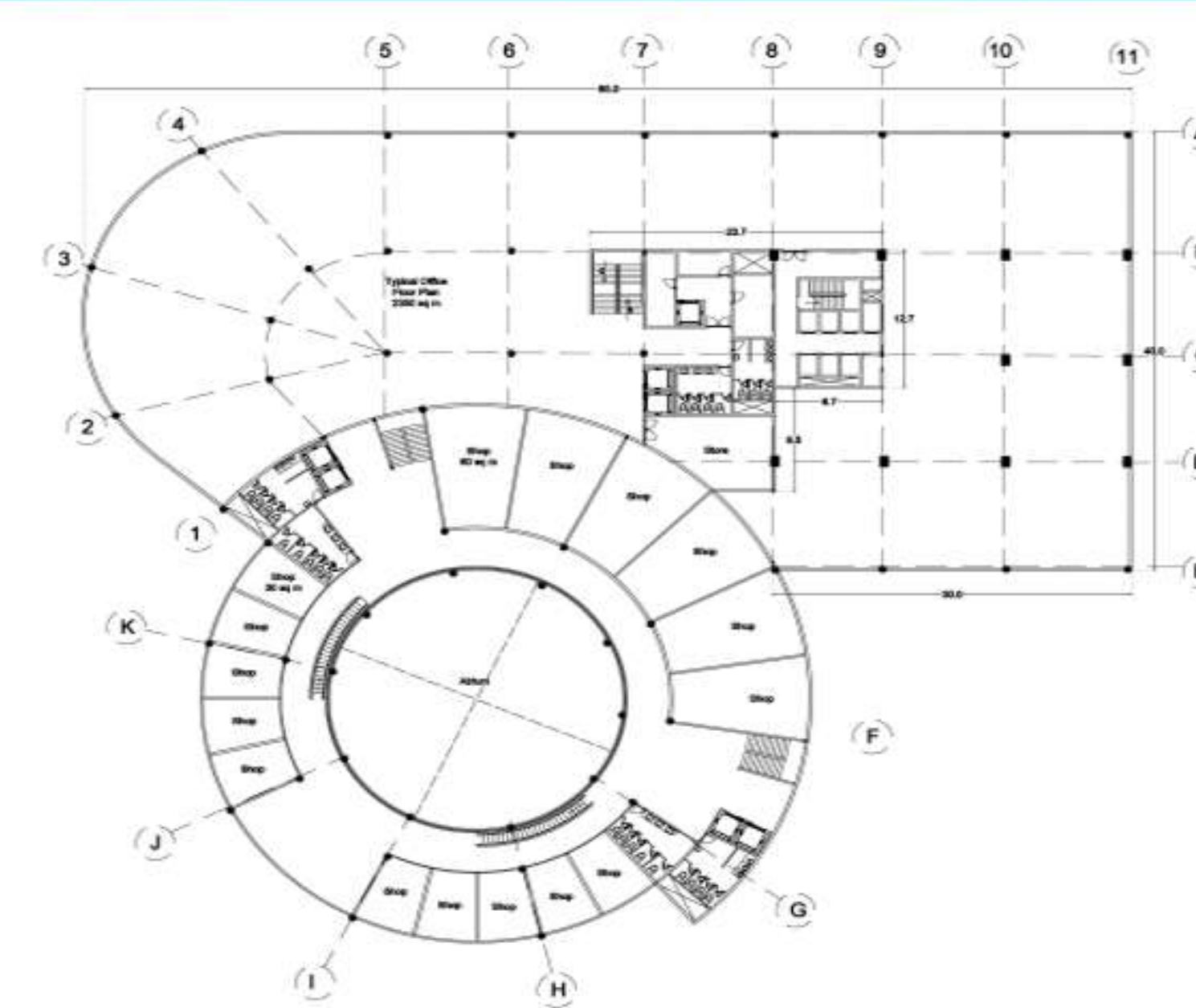
M.ARCH

SEMESTER 3

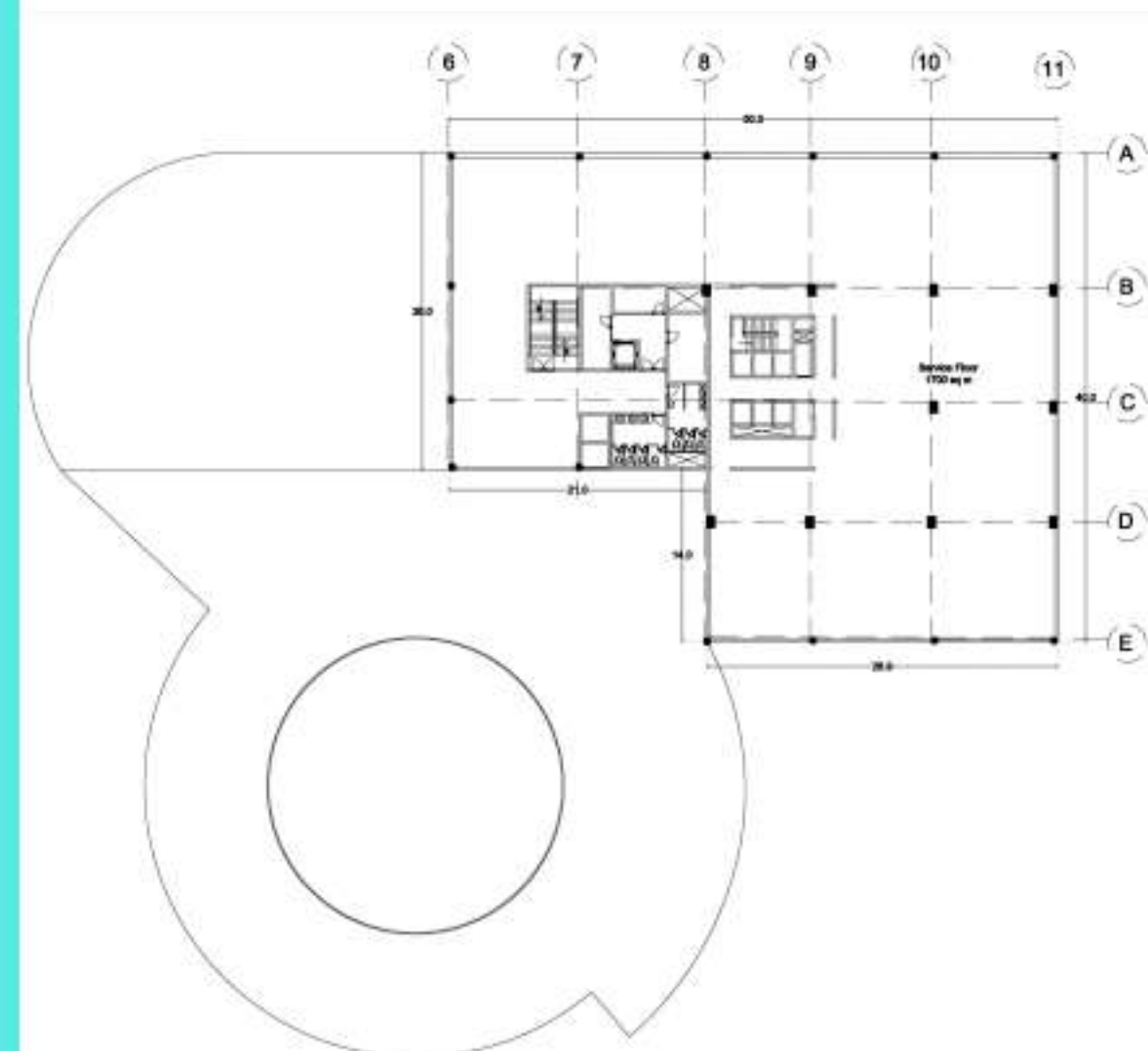
M.ARCH



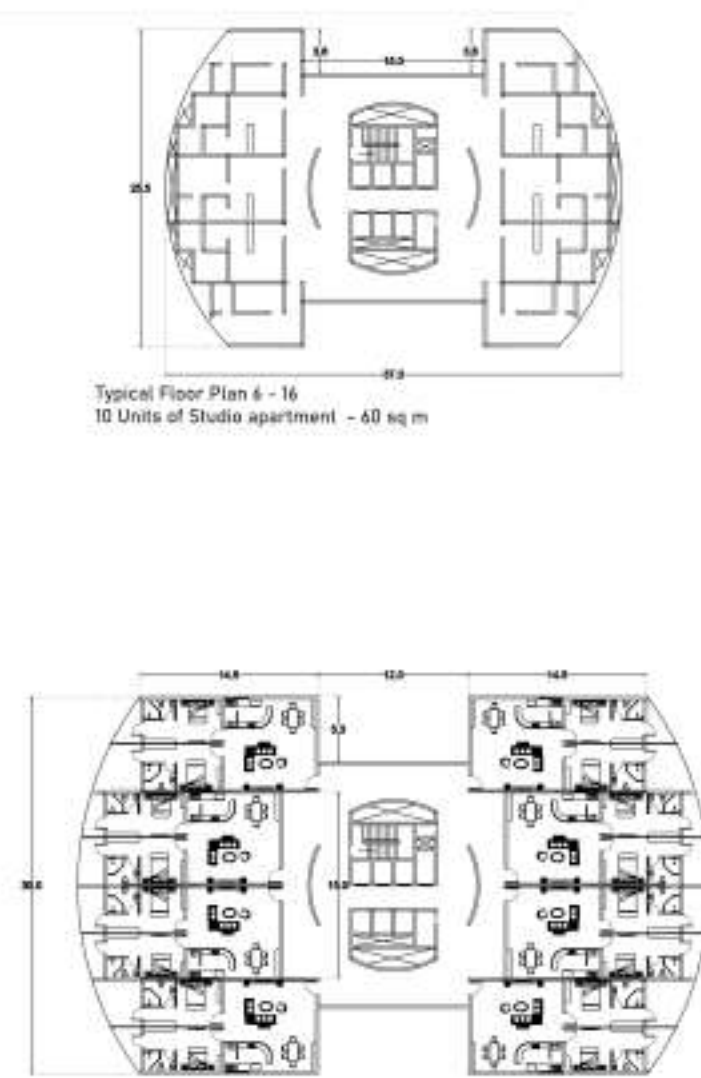
FIRST FLOOR PLAN



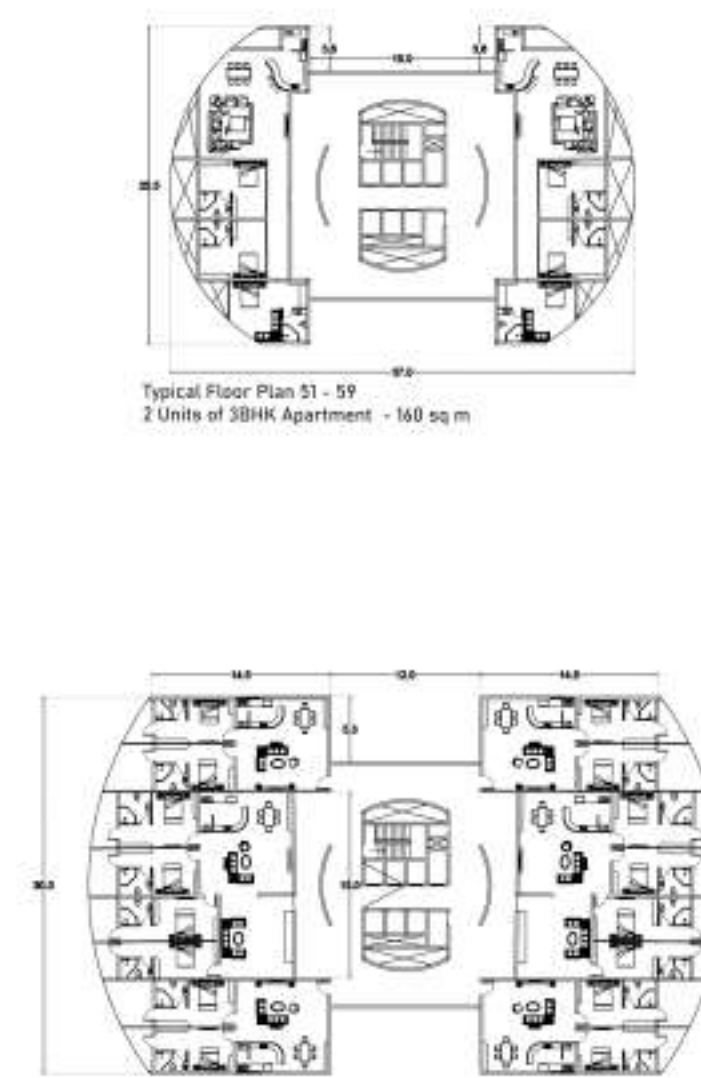
SECOND FLOOR PLAN



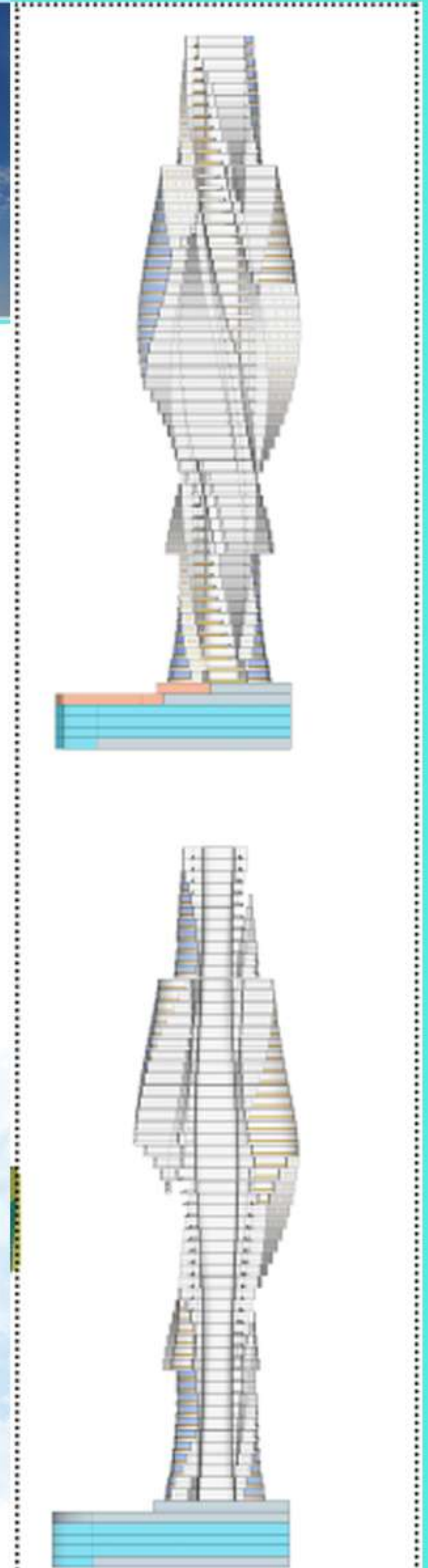
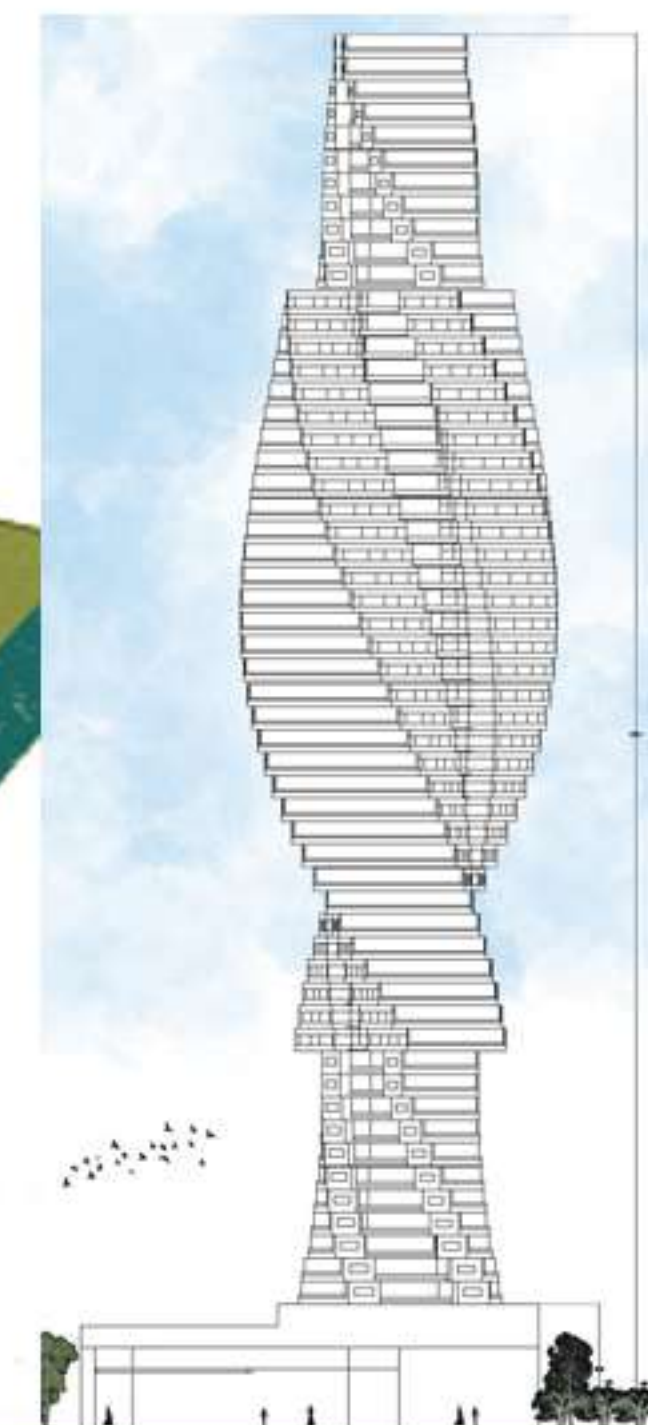
SERVICE FLOOR PLAN
(SIXTH FLOOR PLAN)



TYPICAL FLOOR PLAN
(APARTMENT TOWER)



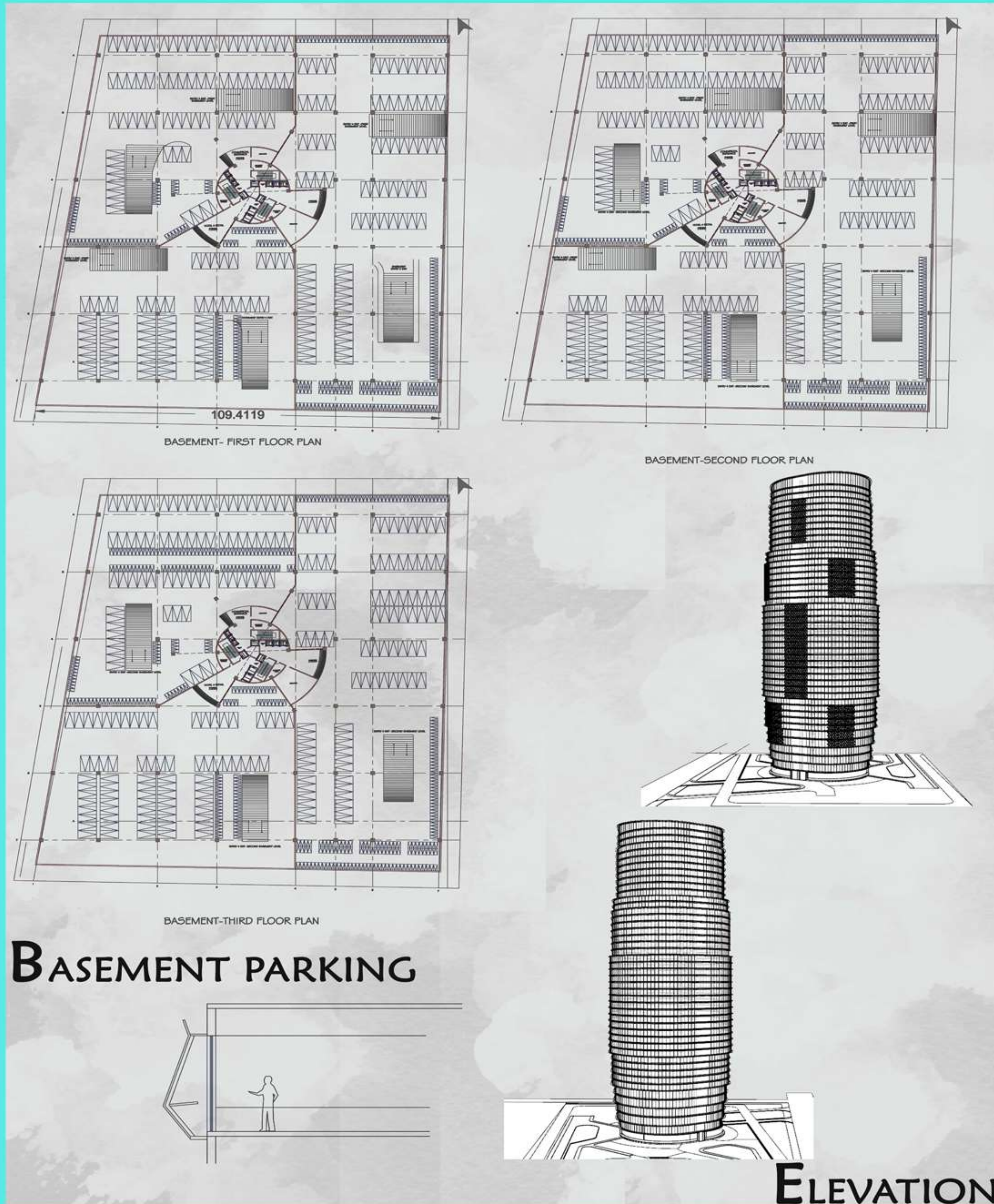
Typical Floor Plan 38 - 50
4 Units of 2BHK Apartment - 90 sq m
2 Units of 4BHK Apartment - 200 sq m



SCHEMATIC
SECTION

SEMESTER 3

M.ARCH



SEMESTER 3

M.ARCH

