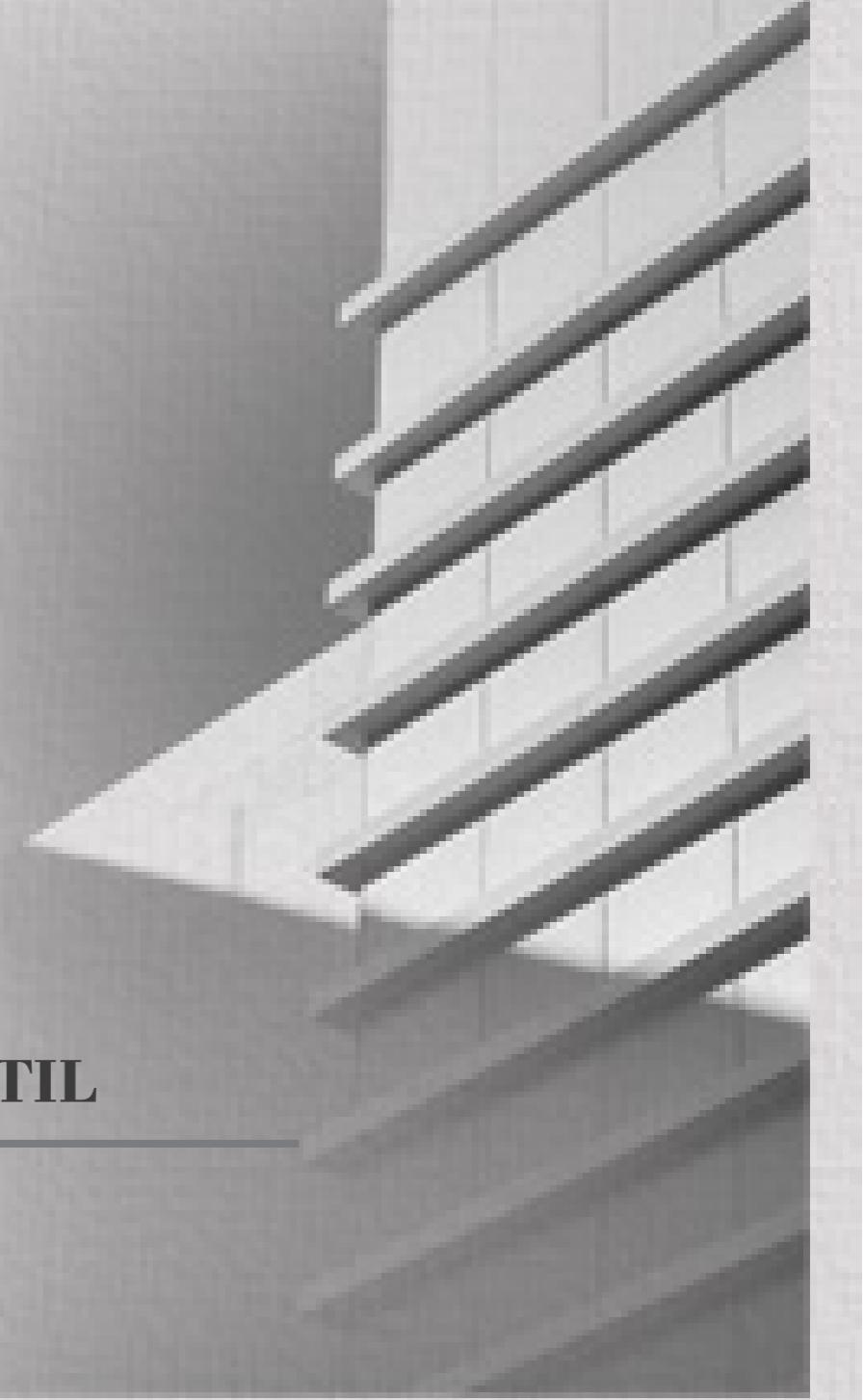


ARCHITECTURAL
PORTFOLIO



VAISHNAVI M. PATIL

SELECTED WORKS
2019 - 2024

EDUCATION

2024 | SIR J J COLLEGE OF ARCHITECTURE , MUMBAI
CGPA : 8.56 / 10

2019 | ATOMIC ENERGY CENTRAL SCHOOL NO. 4
CBSE 12TH BOARD (HSC) : 86.4%

2017 | ATOMIC ENERGY CENTRAL SCHOOL NO. 5
CBSE 10TH BOARD (SSC) : 97.2%



Vaishnavi M. Patil

vaishupatil0016@gmail.com
+9969535047

ABOUT ME :

Hello !
A youthful, curious me has always been fascinated by the history of places and their structures . I would define myself and my perspective on architecture as being filled with curiosity and a desire to learn new creative things. "Keen to use academically acquired knowledge in practical projects while always learning new things and developing as a member of a vibrant architectural team."

LANGUAGES :

1.ENGLISH 2.HINDI 3.MARATHI

BARC COLONY
ANUSHAKTINAGAR,MUMBAI 400094

+9969535047
+9372975987

vaishupatil0016@gmail.com

<https://www.linkedin.com/in/vaishnavi-m-patil-b12950250>

ACHIVEMENTS:

2024 | PRESENTED RESEARCH PAPER IN CONFERENCE ROUND : THE INTERNATIONAL CONFERENCE & KNOWLEDGE SERIES ON IRSHS 2024 , HELD AT POORNIMA UNIVERSITY, JAIPUR.

2021 | AIS DESIGN OLYMPIAD (WINNER)
2 ND RUNNER UP , NATIONAL LEVEL
1 ST RUNNER UP , REGIONAL LEVEL

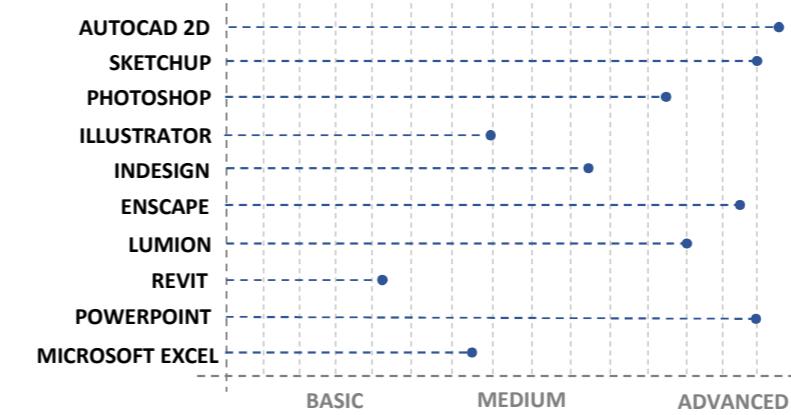
PARTICIPATED IN SEVERAL DESIGN COMPETITIONS INVOLVING:

2020 | FACULTY MEDAL : PUBLIC HEALTH CENTER

2020 | SCHINDLER'S HATKE DESIGN CONTEST.

2021 | FACULTY MEDAL : SOS CHILDREN VILLAGE

SOFTWARES



EXPERIENCE

1. 2023 | INTERNSHIP (5 MONTHS) : ARCHITECT HAFEEZ CONTRACTOR OFFICE.
2. FREELANCE TAKEN UP DURING UNDERGRAD YEARS: DESIGN OF INTERIORS FOR 1BHK AND 2BHK FLAT ,KAMOTHE

COURSES (WORKSHOP + ELECTIVES)

1. LEARNING PHOTOSHOP AND ENSCAPE (BASIC AND ADVANCE)
2. EARTHQUAKE RESISTANT STRUCTURE ELECTIVES
3. REVIT ELECTIVE COURSE
4. ADOBE AFTER EFFECTS : ROORKIE WORKSHOP SERIES

PERSONAL QUALITIES

- GOOD COMMUNICATION
- DESIGN ORIENTED THINKING
- ADAPTABILITY
- LEADERSHIP AND TEAMWORK APPROACH

HOBBIES



CONTENTS-

1. ARCHITECTURAL DESIGN

- REVITALISATION OF ABANDONED SHAHU MILL SITE AS: CULTURAL CENTER OF KOLHAPUR (SEM10)
- NATIONAL DESIGN INSTITUTE (NID) , NAVI MUMBAI (SEM-6)
- SWAR MUSIC INSTITUTE ,MUMBAI (SEM-6)

2. INTERIOR DESIGN

- CO-WORKING OFFICE DESIGN (SEM-4)

3. WORKING DRAWING

- DESIGN OF COMMERCIAL COMPLEX (SEM-6)

4. COMPETITIONS

- AIS DESIGN OLYMPIAD 2021

5. EXTRA-CURRICULARS

- FREELANCE WORK
- INTERNSHIP EXPERIENCE
- SKETCHING AND PHOTOGRAPHY

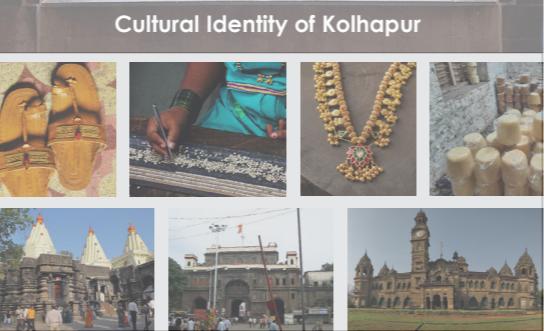
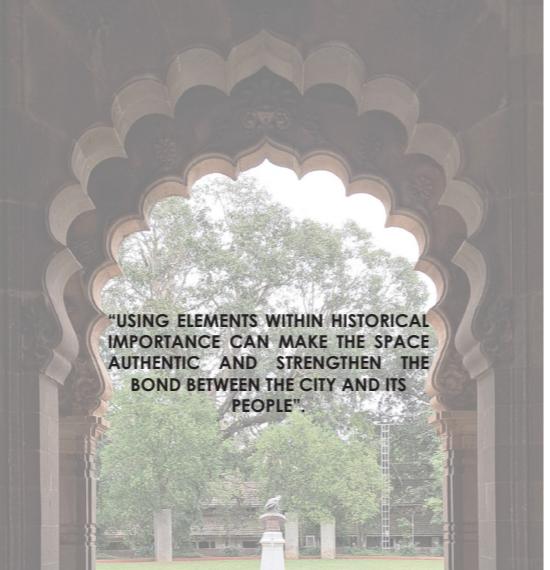
1. REVITALIZATION OF ABANDONED SHAHU MILL SITE AS: CULTURAL CENTER OF KOLHAPUR (SEM-10)



DESIGN INTENT



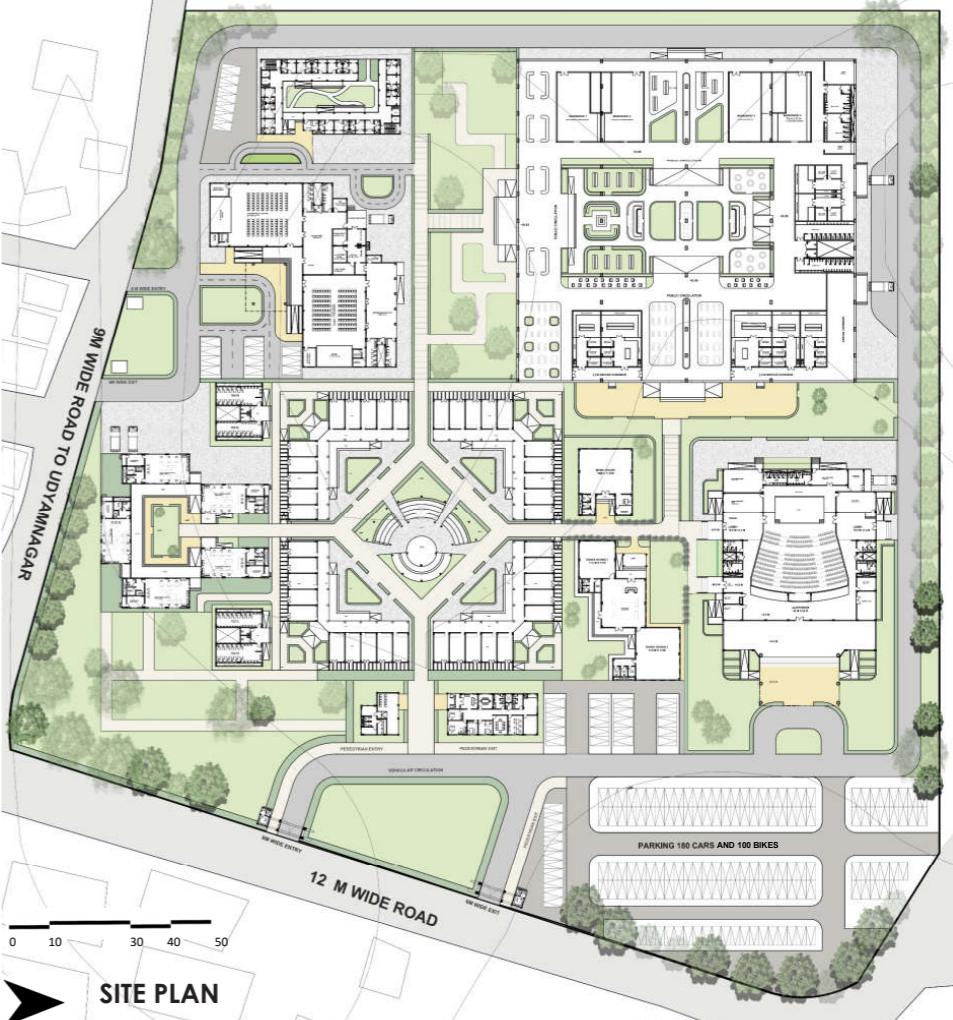
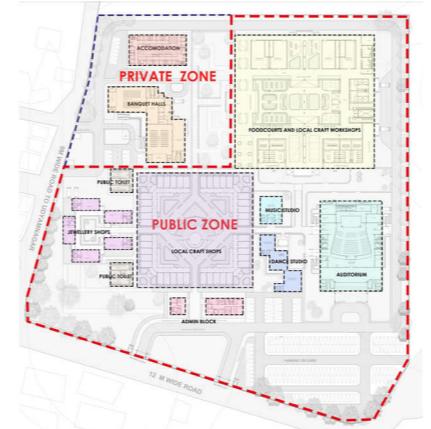
ACTIVITY PROGRAMME



MASTER PLAN



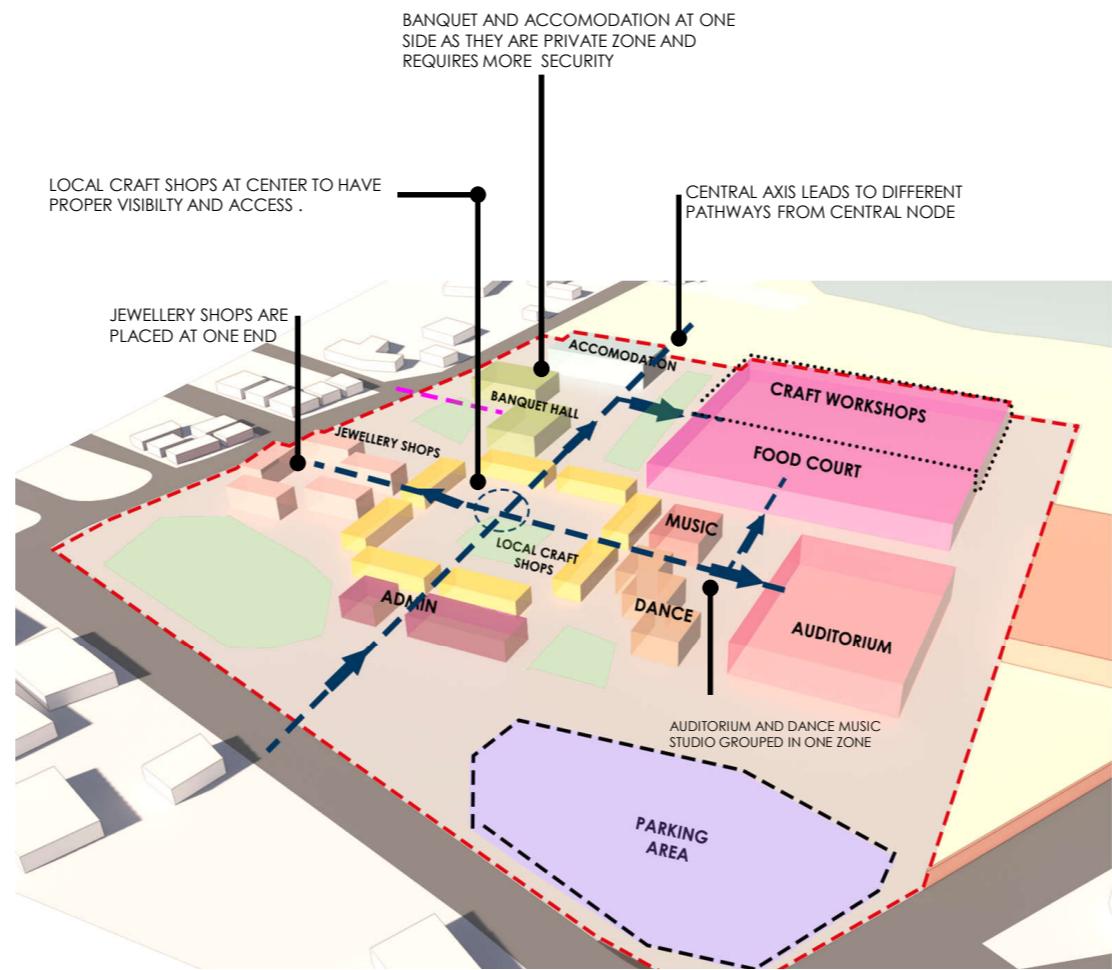
ZONNING



SITE ANALYSIS



DESIGN STRATEGY

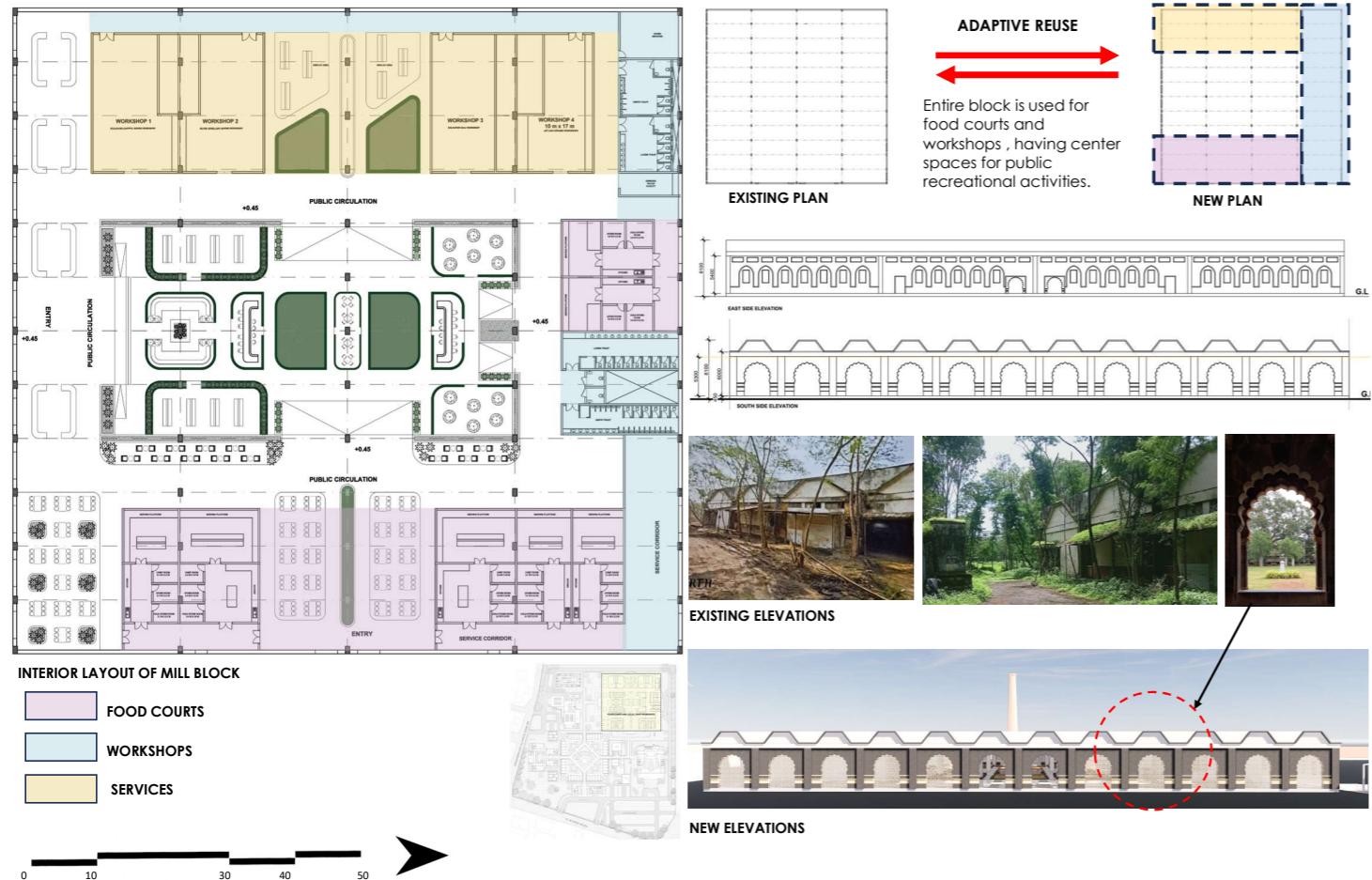
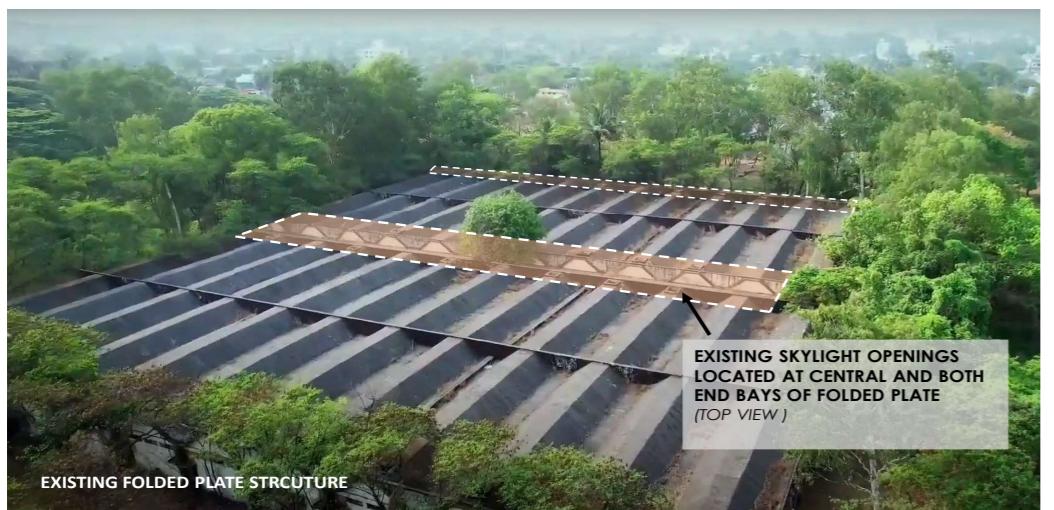


BIRDS EYE VIEW

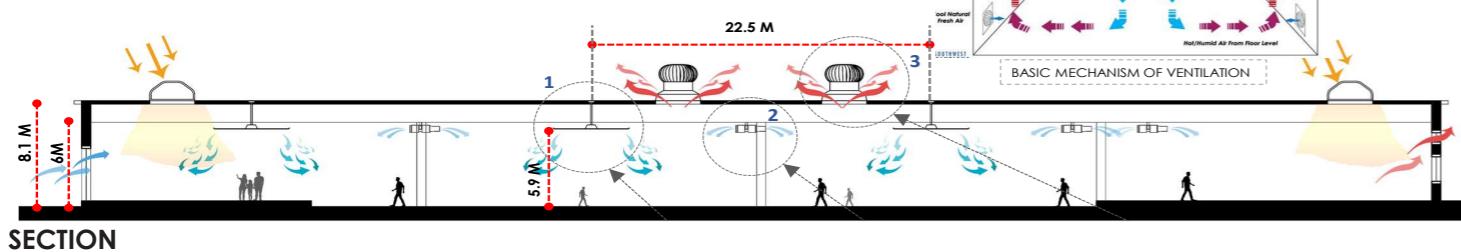


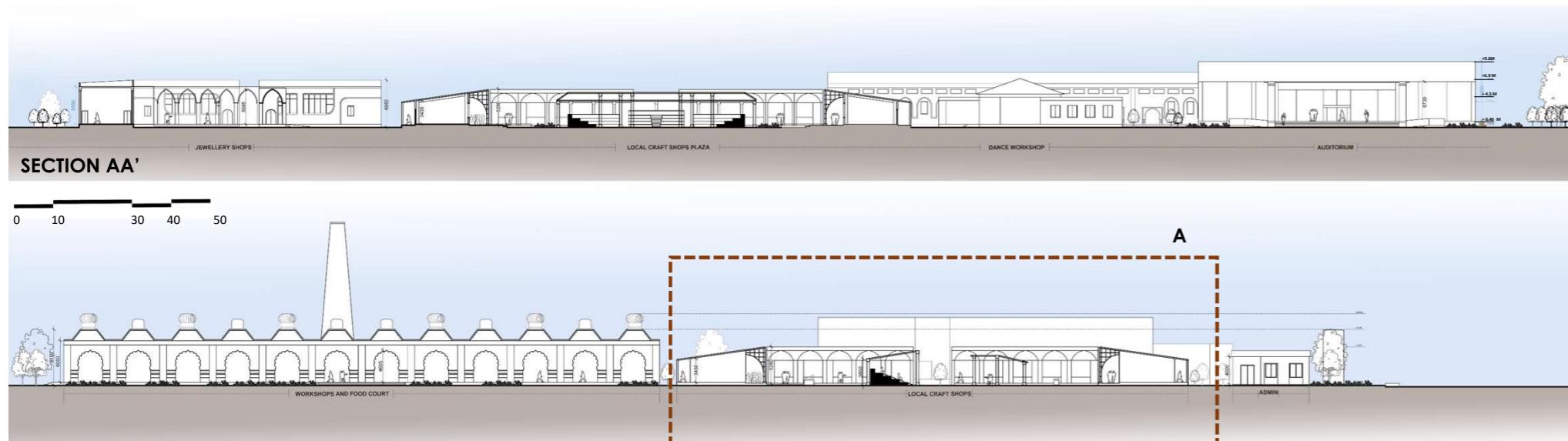
STUDY OF EXISTING MILL BLOCK

In the chosen site area, there is a single existing mill block. Considering the state of the structure is good. Its use is considered to adaptive use , causing no structural damage.

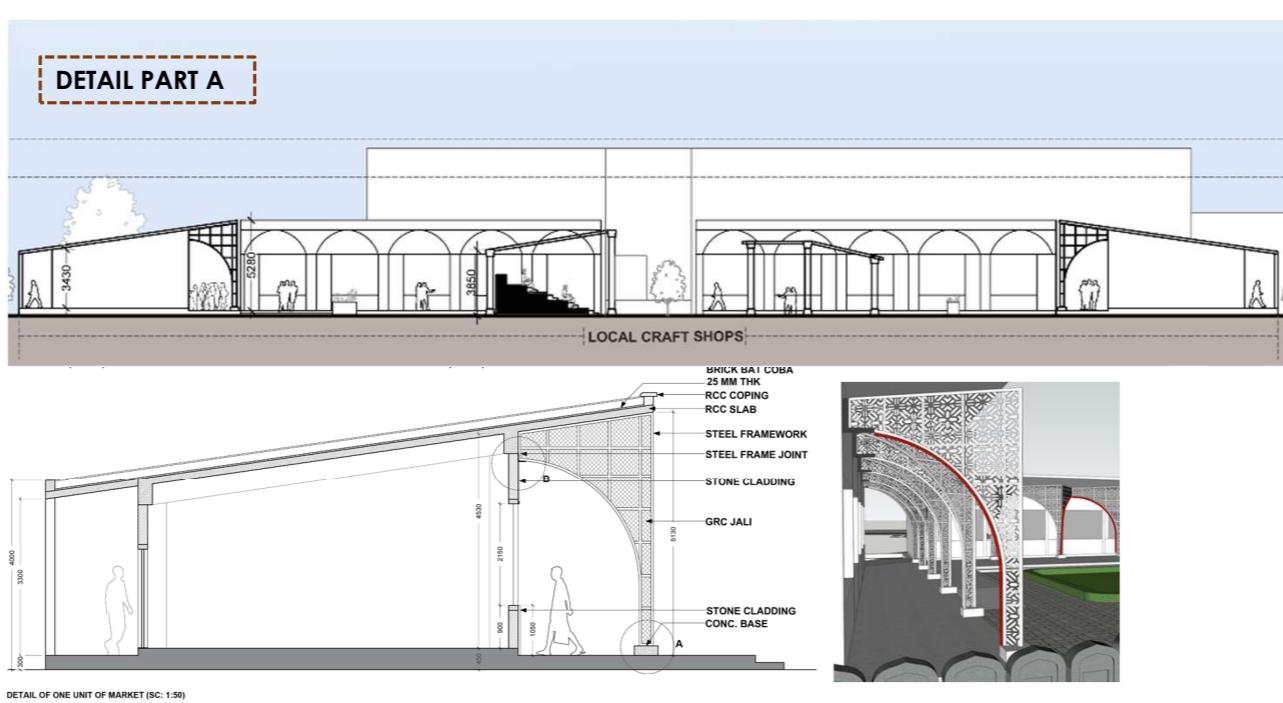
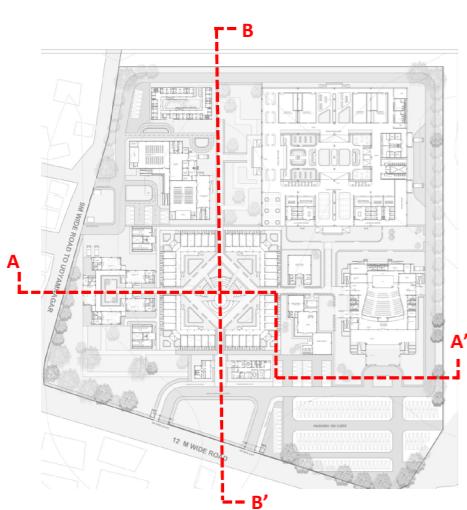


This mill block is used in an adaptable manner without causing significant structural damage. For efficient cross ventilation, the window and ventilator openings that were already in place were insufficient. Thus, roof-mounted turbo exhaust fans are used for efficient air circulation. As a result Space will become more vibrant and breathable .

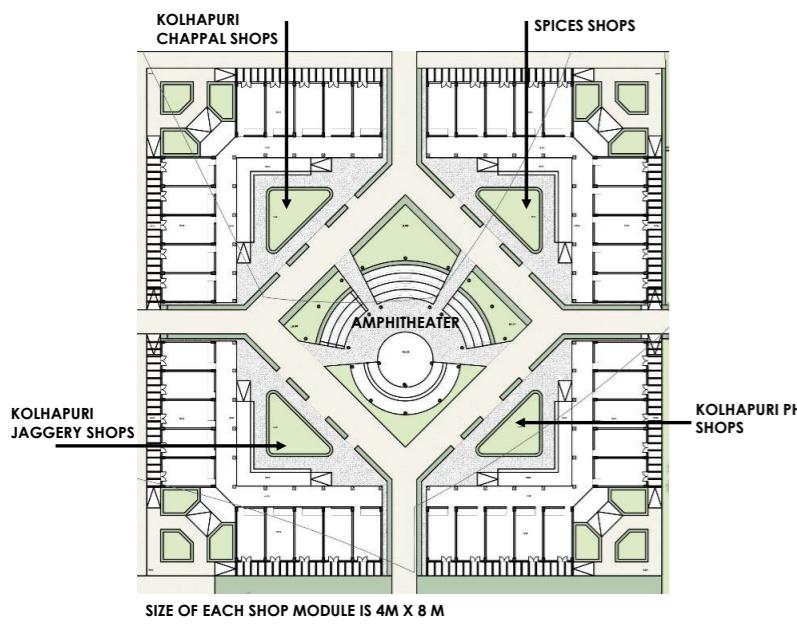




SECTION BB'



SITE SECTIONS



LOCAL CRAFT SHOPS PLAZA



VIEW OF CENTRAL PLAZA



VIEW OF CENTRAL PLAZA



ENTRANCE VIEW

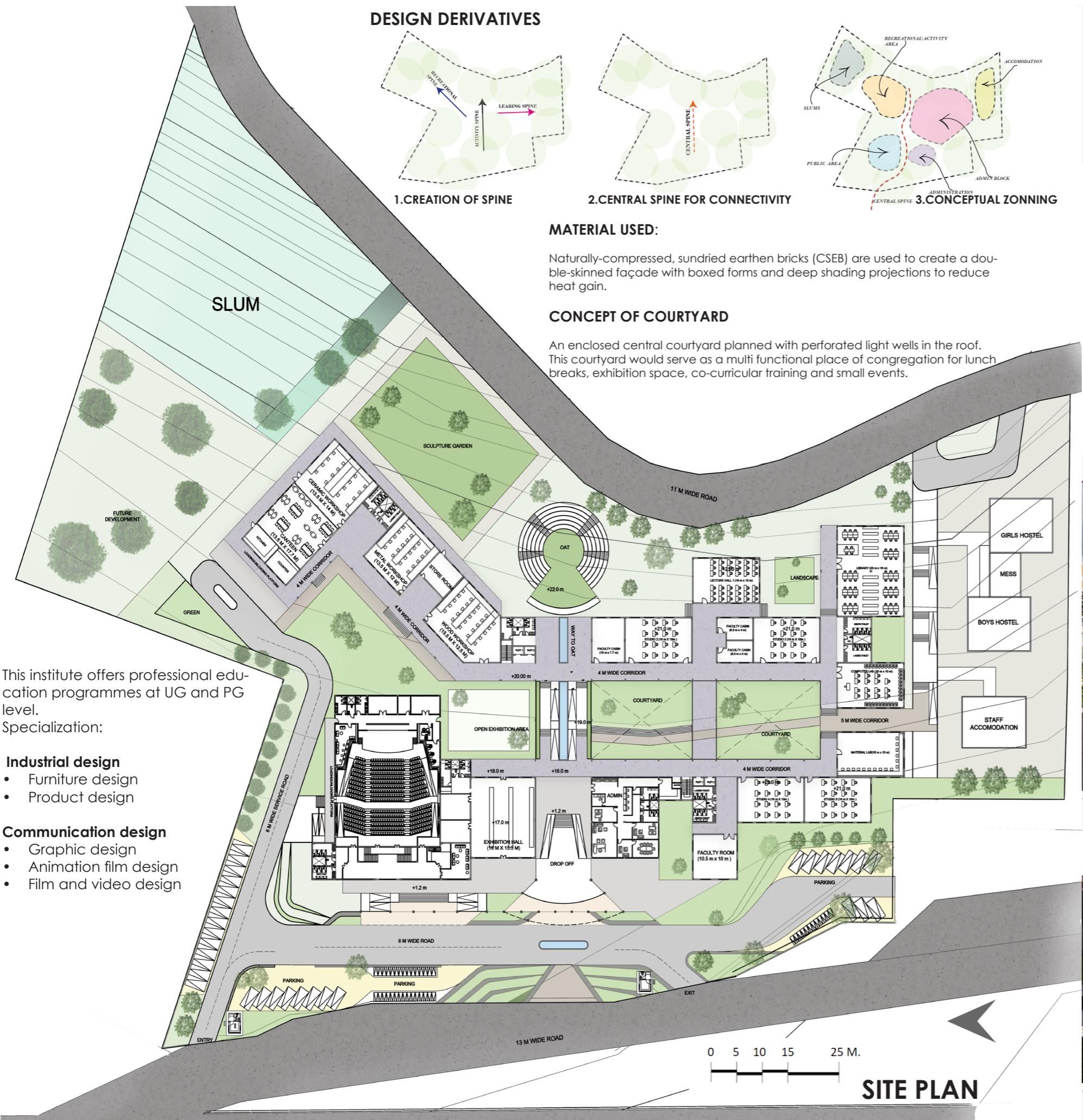


VIEW OF JEWELLERY SHOPS

NATIONAL DESIGN INSTITUTE (NID) BELAPUR (SEM-6)

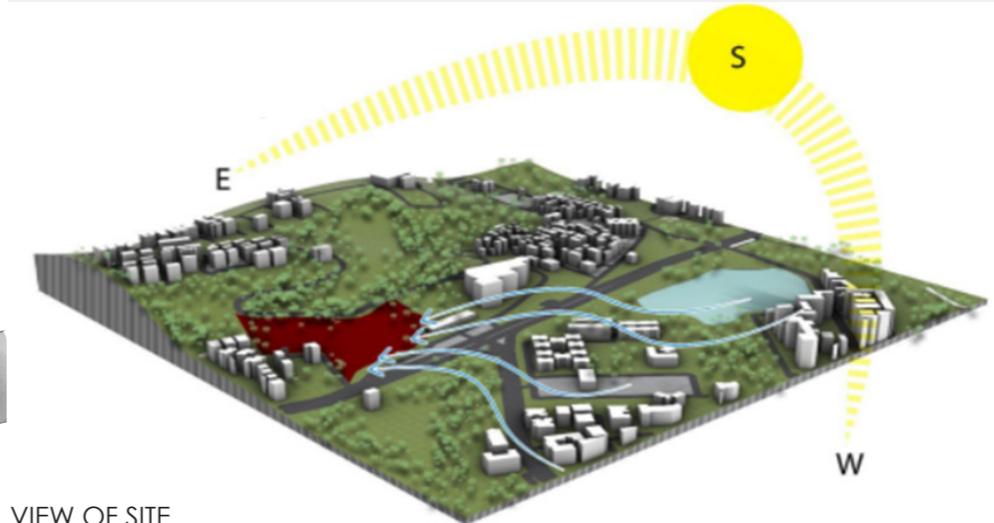


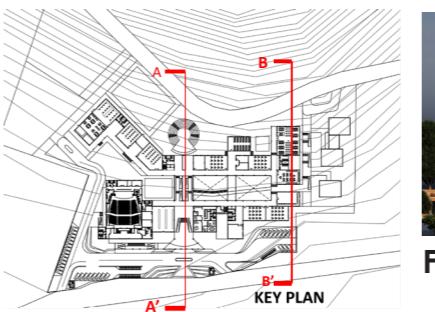
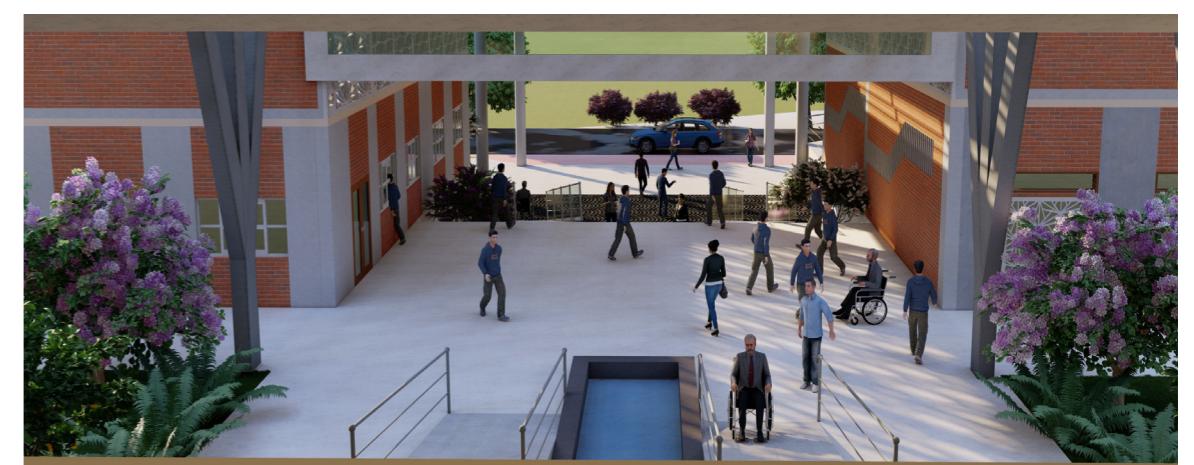
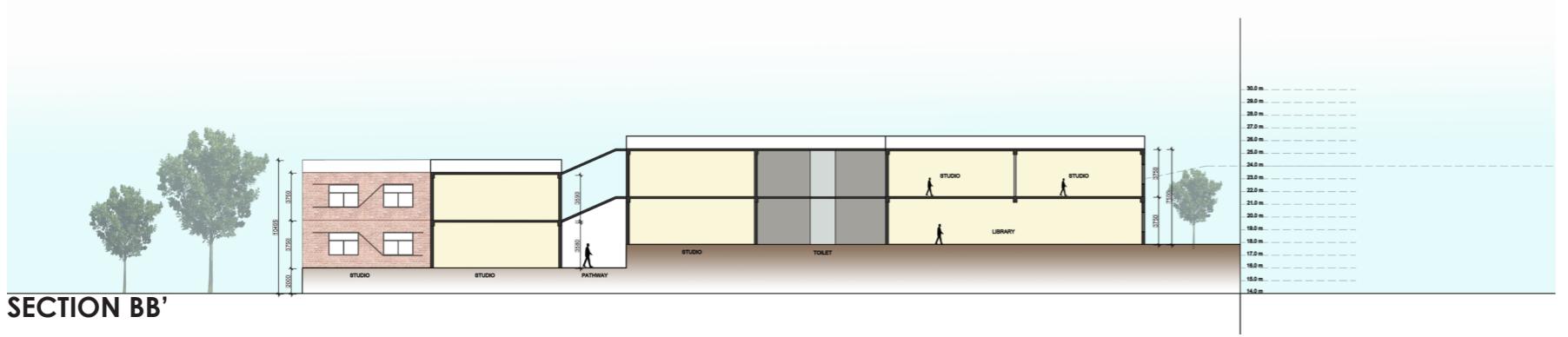
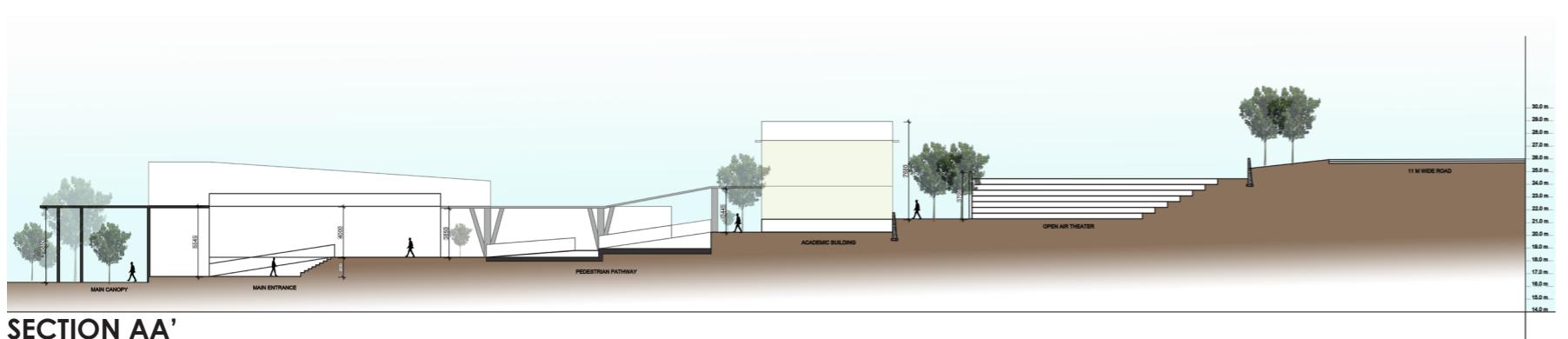
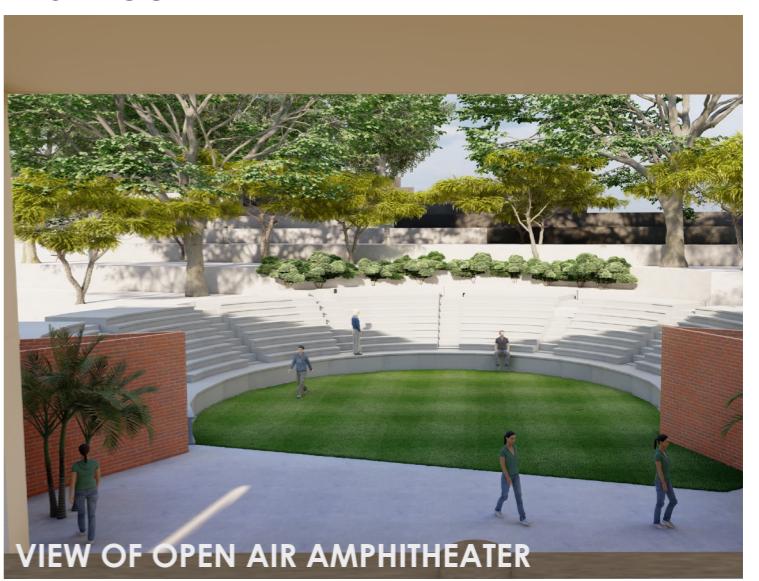
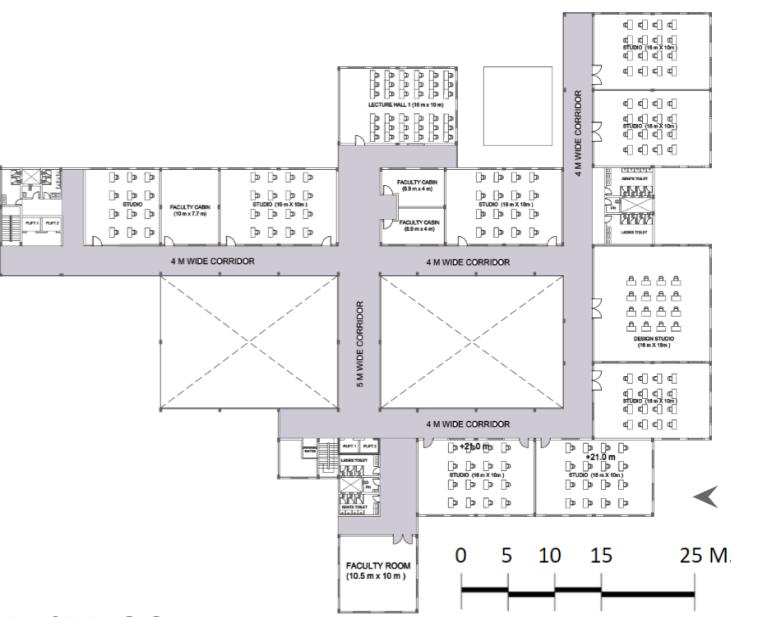
*We must encourage design education and develop students' innate creative abilities in the realm of design. Campuses of design institutes can be designed to achieve this. There are very few NID in India; more of these NID are needed to foster the development of creative minds. This idea inspired me to create the **Design Institute in Belapur, Navi Mumbai**.*



ABOUT SITE

Site is located in Belapur ,Navi mumbai.
Site area total: 7.3 acres Site perimeter: 1266 metres
Belapur is 2 metres above sea level.
The weather in Belapur is categorised as tropical.

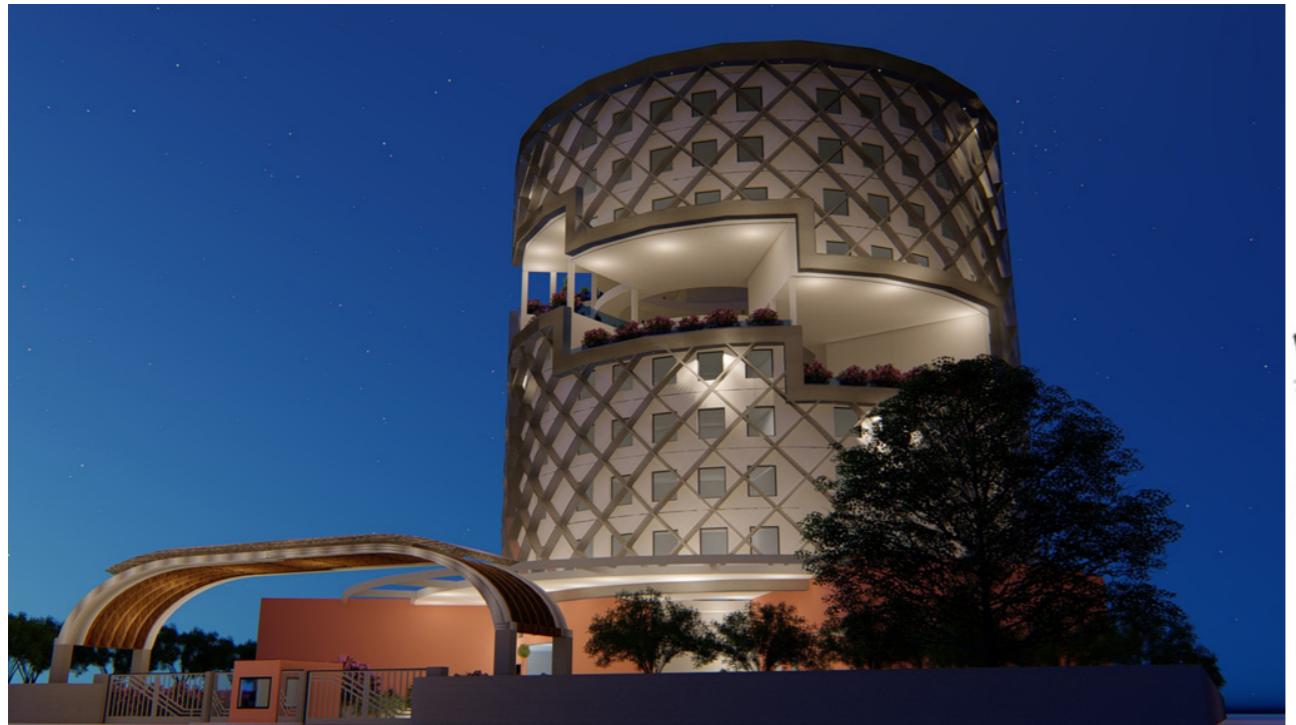




SWAR MUSIC INSTITUTE, MUMBAI (SEM-6)

The “Swar Music Institute” building is designed to be a suitable extension to Mumbai University’s Kalina campus, aiming to provide residents and students with a wide range of musical facilities. This was a collaborative effort. This project was designed by a group of three members.



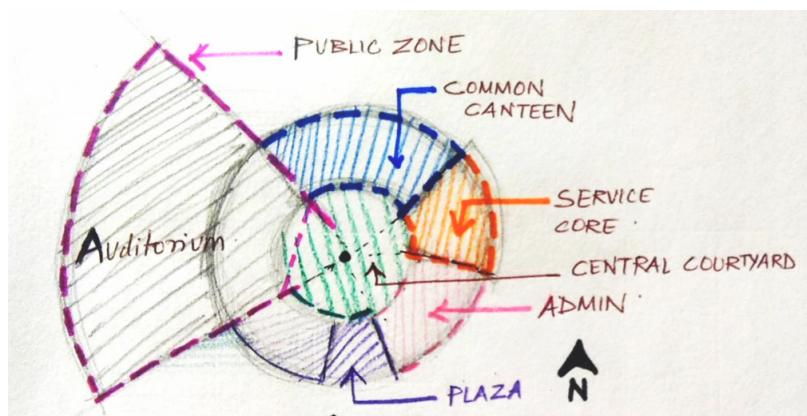


LOCATION:

Kalina, Santacruz(E), Mumbai

Building is Located in the center of the city. The site is well connected to the city and serves as an ideal location for the extension of the kalina campus of mumbai university which is situated nearby. The location is near the mumbai university campus, with some hostels and the film institute nearby. Currently the site is surrounded by informal settlements.

CONCEPT



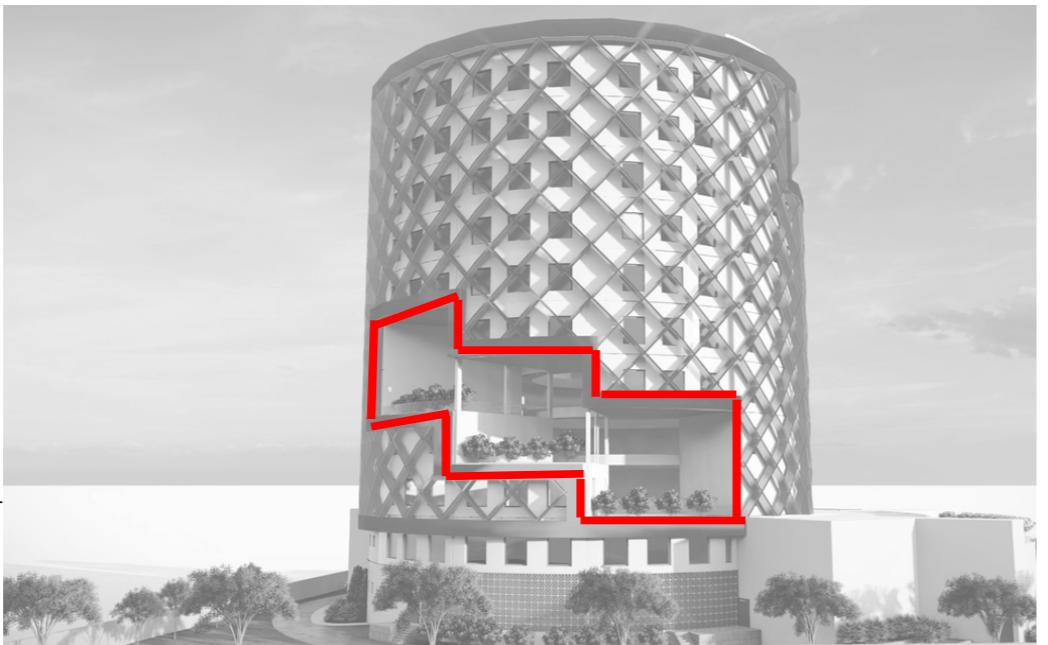
Fan shaped rooms are designed so that sound energy is distributed uniformly within the rooms.

ZONNING

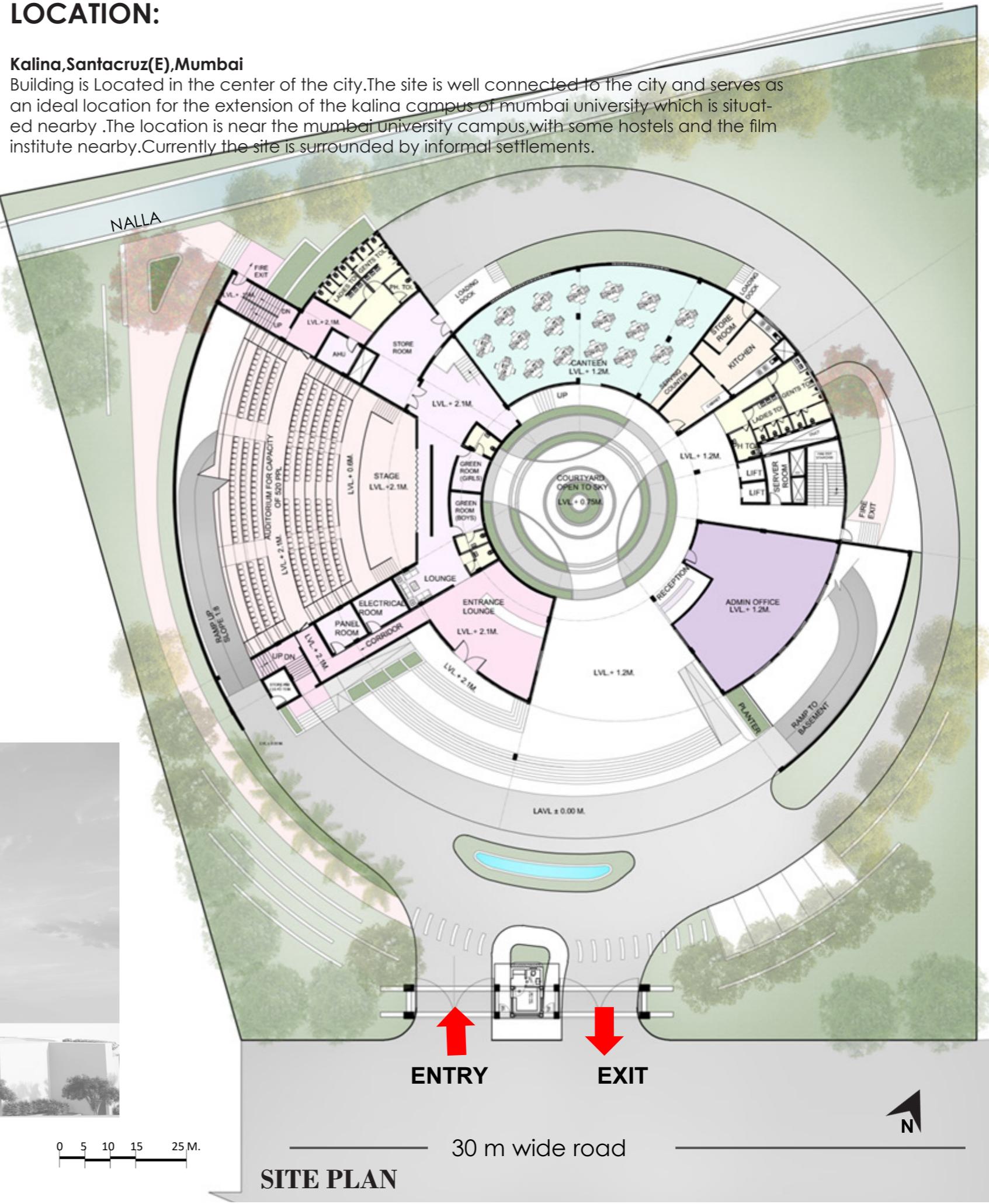
The main axis pointing towards large auditorium and the other axis connecting canteen and the entrance plaza along with administration area.

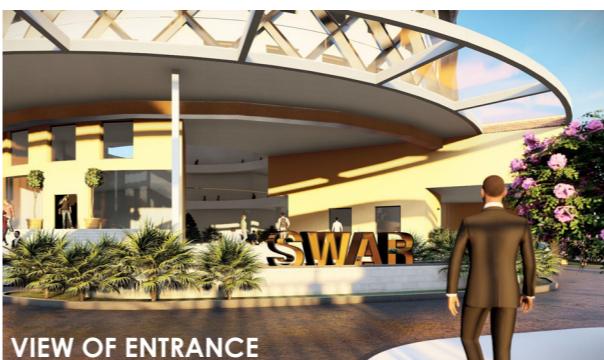
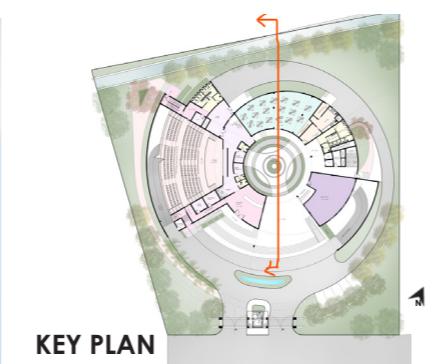
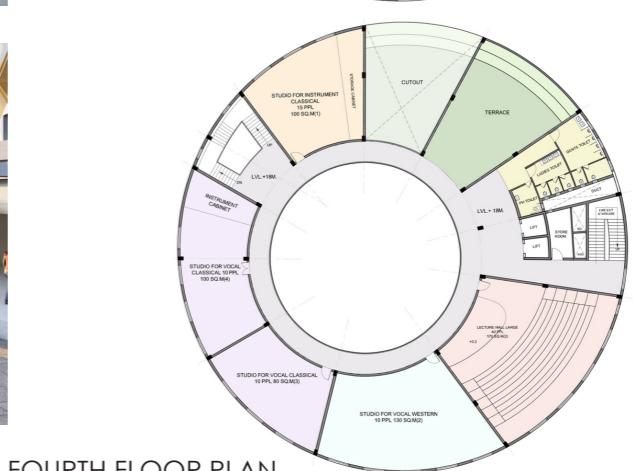
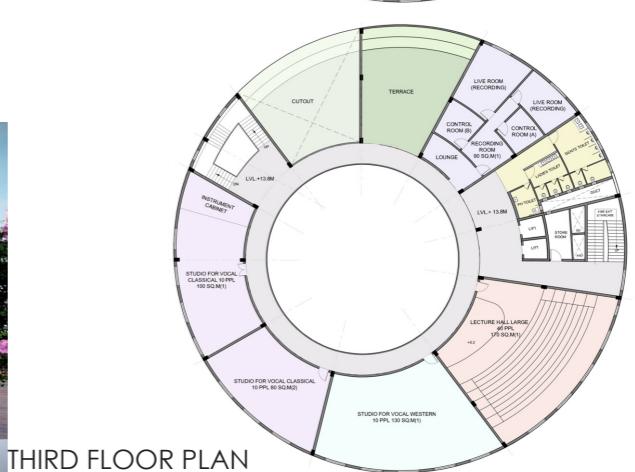
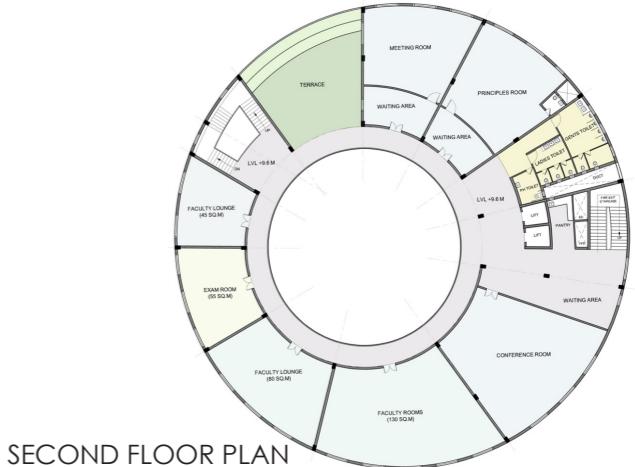
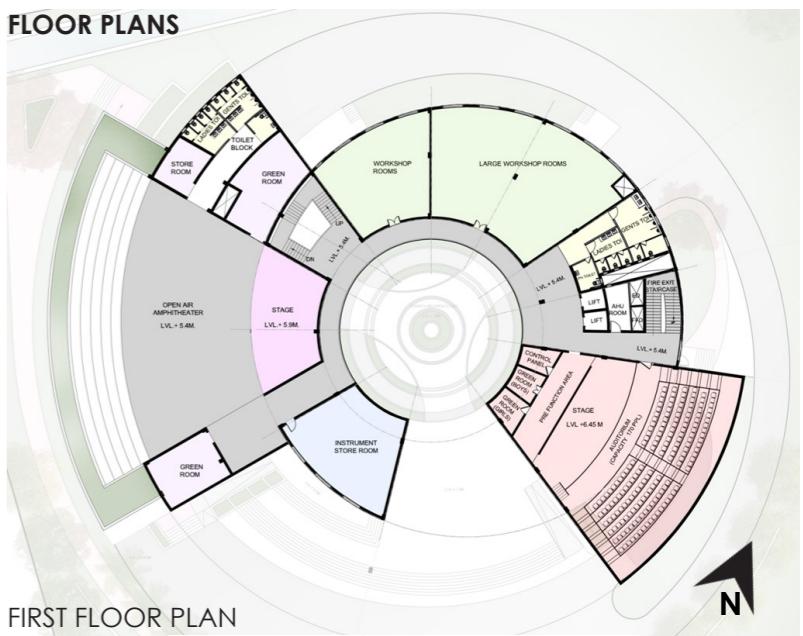
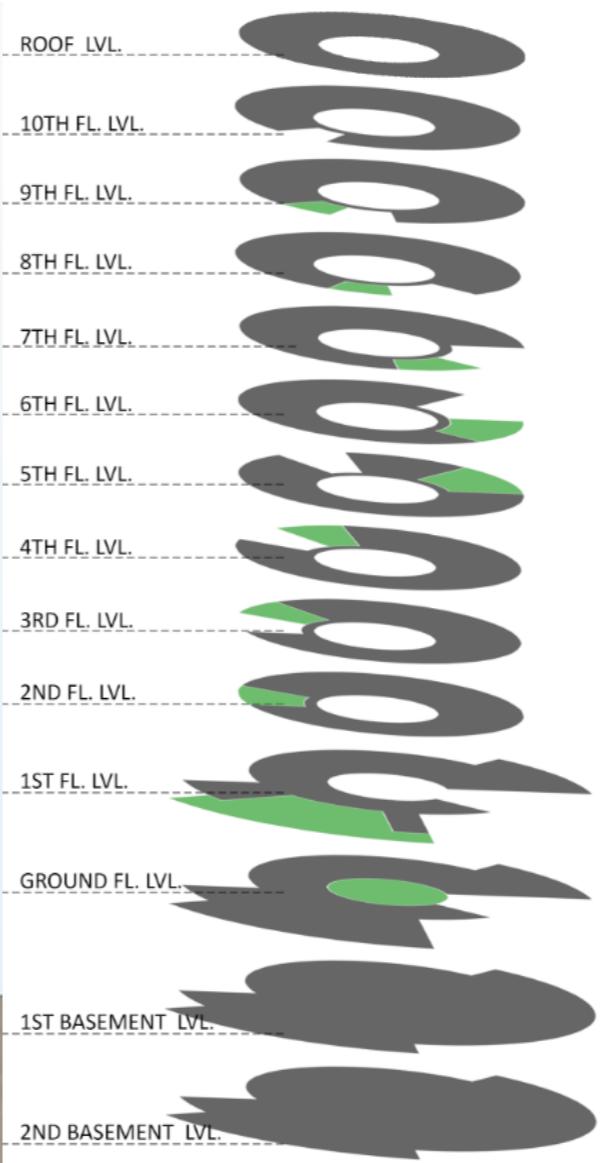
DESIGN DERIVATIVES

- The green buffer zones are created as a cavity/ void in the building's volume to ensure sufficient natural light within the building and make good natural light an integral part of the rooms.
- This voids also creates a visual point of interaction with other floors, giving everyone a sense of belonging.



- The outer jali is made up of aluminium fins that are arranged in a criss cross pattern to cut direct glare.





2. CO-WORKING OFFICE DESIGN

INTERIOR DESIGN (SEM-4)

LOCATION

SION-PANVEL HIGHWAY, LOCATED ON 7 TH FLOOR OF COMMERCIAL BUILDING WHICH HOUSES VARIOUS TYPES OF ESTABLISHMENT.

CONCEPT

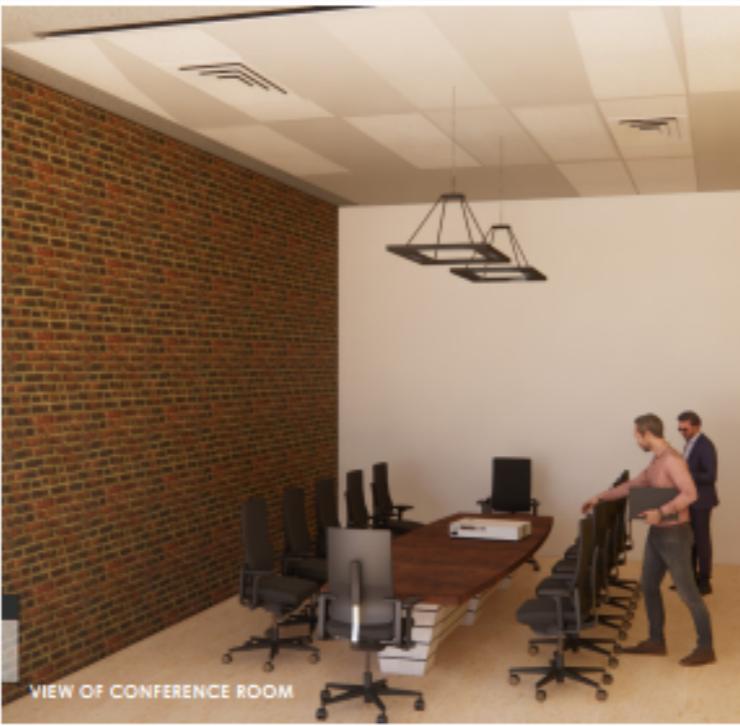
- THE DESIGN MAINLY FOCUSES OF INDUSTRIAL STYLE OF ATMOSPHERE.
- USE OF INDUSTRIAL, RAW AND NATURAL MATERIALS LIKE CONCRETE, WOOD, METAL AND A VERTICAL GARDEN TO SOFTEN THE ENVIRONMENT, MOOD AND TONE. EXPOSED CEILING TO ADD INDUSTRIAL EFFECT.
- COLOUR PALETTES SIGNIFY ALL BRIGHT COLOUR IN RAW SURFACES.

COLOUR PALETTES

- Bohemian color palette: warm earthy colors are common. Deep browns, greens, and grays for base colors, and then accessorize with saturated purple, fiery orange, and electric blue.



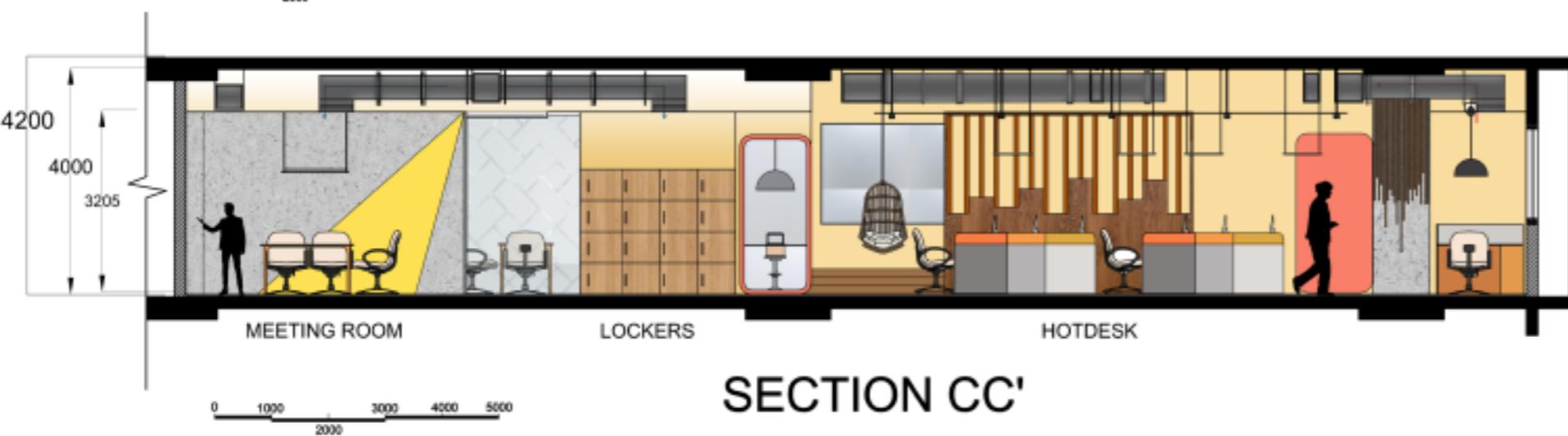
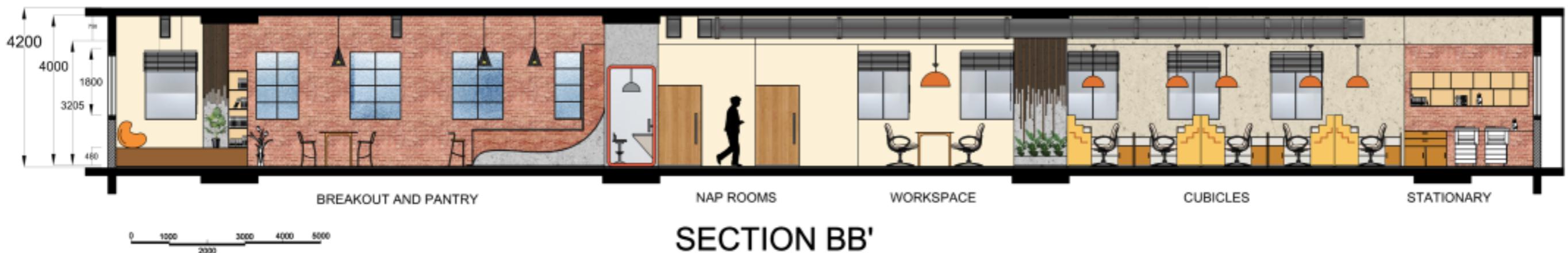
VIEW OF COMMON WORKSPACE



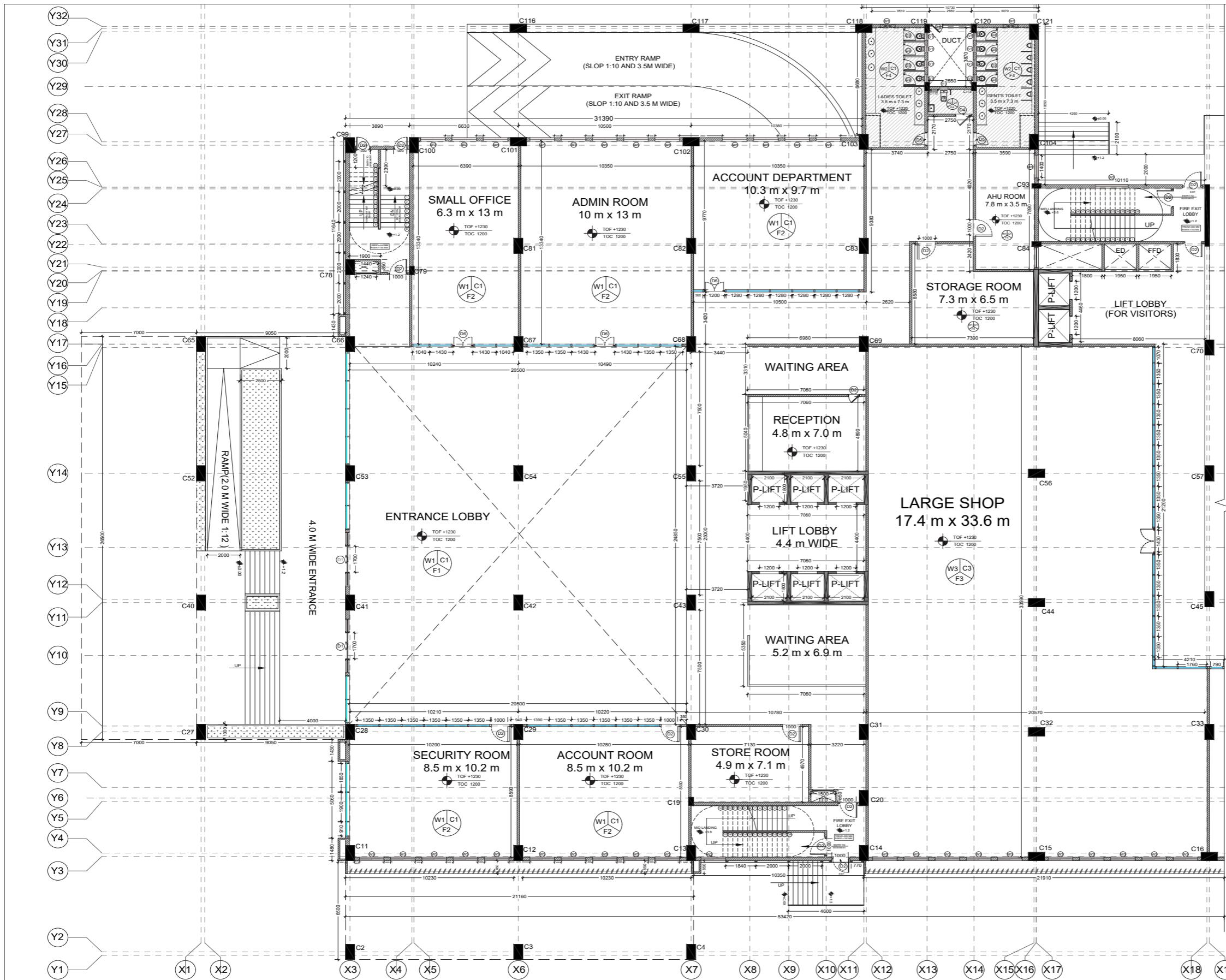
VIEW OF CONFERENCE ROOM

FLOOR PLAN





3. WORKING DRAWING COMMERCIAL COMPLEX (SEM-6)



GENERAL NOTES

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- ALL P.C.C. WORK IN 1:3:6 CONCRETE.
- ALL R.C.C. WORK IN 1:2:4 CONCRETE.
- FOR R.C.C. WORK REFER STRUCTURAL ENGINEER'S DRAWINGS.
- EXTERNAL WALL PLASTER IS 20 MM THICK.
- INTERNAL WALL PLASTER IS 15 MM THICK.
- CHECK ALL DIMENSIONS AFTER EXECUTION.
- TOILET SLAB IS 200 MM SUNK WITH REGULAR R.C.C. BEAM, FILLED WITH BRICK BAT COBA OR ANY LIGHT WEIGHT FILLING MATERIALS..
- AAS- AS PER AVAILABLE ON SITE

DOOR SCHEDULE

Sl no.	SIZE	DESCRIPTIONS
D1	1700 X 2100	AUTOMATIC DOUBLE GLASS SLIDING DOOR WITH ALUMINUM FRAME
D2	1000 X 2100	ALUMINUM FRAMED FIXED WINDOW WITH 6MM THICK PARTLY TRANSLUCENT GLASS PANELS
D3	750 X 2100	SINGLE LEAF 35 MM THK TIMBER FLUSH DOOR WITH VENEER FACING
D4	1200 X 2100	SINGLE LEAF 35 MM THK TIMBER FLUSH DOOR WITH VENEER FACING
D5	900 X 2100	SINGLE LEAF 35 MM THK TIMBER FLUSH DOOR WITH VENEER FACING
D6	1200 X 2100	DOUBLE GLASS DOOR WITH ALUMINUM FRAME

WINDOW SCHEDULE

Sl no.	SIZE	DESCRIPTIONS
W1	900 X 1000	ALUMINUM FRAMED FIXED WINDOW WITH 6MM THICK PARTLY TRANSLUCENT GLASS PANELS
W2	2000 X 1500	
W3	1500 X 2100	
V1	500 X 750	FROSTED GLASS 6MM THK. FIXED LOUVERED TO T.W. FRAME

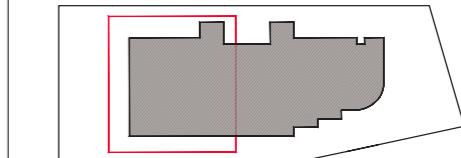
TYPE	DESCRIPTION	DIMENSIONS	THICKNESS
F1	MARBLE FLOORING	1000 X 1000	20MM
F2	VITRIFIED TILES, ANCASTER GRAY	600 X 600	10MM
F3	ANTI SKID FINISH CERAMIC TILES	300 X 300	8MM
F4	ROUGH GRANITE	300 X 150	8MM
F5	BLACK POLISH GRANITE	1000 X 1000	20MM
F6	I.P.S. FLOORING		75MM

TYPE	DESCRIPTION
W1	INTERNAL WALLS IN SMOOTH FINISH PLASTER FINISHED WITH ONE COAT OF PRIMER AND 3 COATS OF EMULSION PAINT

TYPE	DESCRIPTION
W2	6 MM THK. 30X300 GLAZED CERAMIC TILES (WALL DADO HT: 1200; PLASTER ABOVE DADO)

TYPE	DESCRIPTION
C1	CEILING FINISHED IN P.O.P. AND ACRYLIC PAINT (PRIMER + 2 COATS)

KEY PLAN



KEY PLAN

NAME- VAISHNAVI M PATIL | SEAT NO-5267

SUBJECT - WORKING DRAWING

T.Y. B.ARCH (SEM-VII) | ROLL NO-1955

SIR J.J. COLLEGE OF ARCHITECTURE

PROJECT DETAILS:

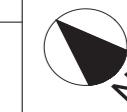
COMMERCIAL COMPLEX

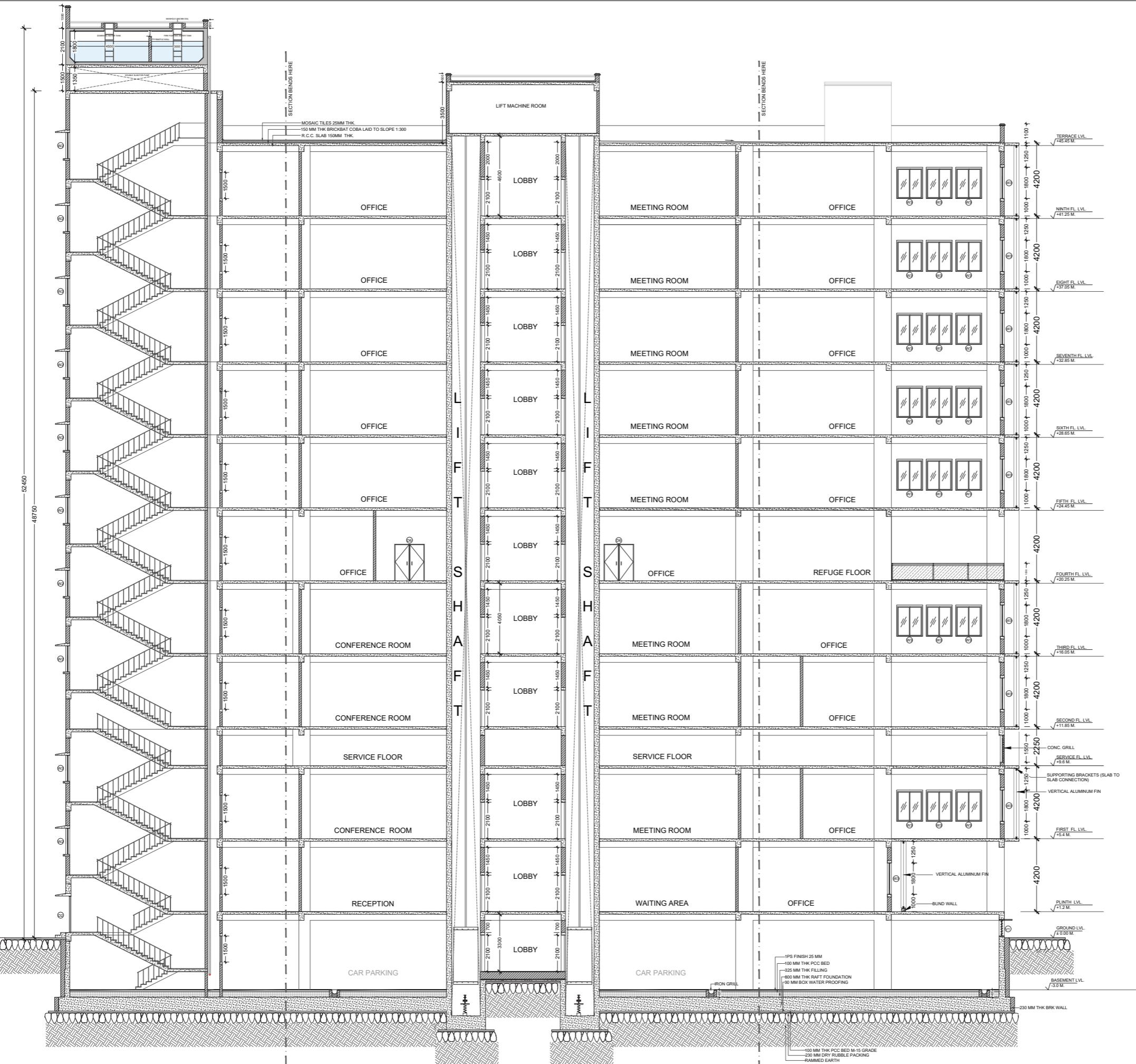
DATE: 22/04/2022 | SCALE: 1:100

GROUND FLOOR PLAN | SHEET- A1

SIGNATURE AND STAMP

4





GENERAL NOTES		
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.		
2. ALL P.C.C. WORK IN 1:3:6 CONCRETE.		
3. ALL R.C.C. WORK IN 1:2:4 CONCRETE.		
4. FOR R.C.C. WORK REFER STRUCTURAL ENGINEER'S DRAWINGS.		
5. EXTERNAL WALL PLASTER IS 20 MM THICK.		
6. INTERNAL WALL PLASTER IS 15 MM THICK.		
7. CHECK ALL DIMENSIONS AFTER EXECUTION.		
8. TOILET SLAB IS 200 MM SUNK WITH REGULAR R.C.C. BEAM, FILLED WITH BRICK BAT COBA OR ANY LIGHT WEIGHT FILLING MATERIALS.		
DOOR SCHEDULE		
SR no.	SIZE	DESCRIPTIONS
D1	1700 X 2100	AUTOMATIC DOUBLE GLASS SLIDING DOOR WITH ALUMINIUM FRAME
D2	1000 X 2100	ALUMINUM FRAMED FIXED WINDOW WITH 6MM THICK PARTLY TRANSLUCENT GLASS PANELS
D3	750 X 2100	SINGLE LEAF 35 MM THK.TIMBER FLUSH DOOR WITH VENEER FACING
D4	1200 X 2100	SINGLE LEAF 35 MM THK.TIMBER FLUSH DOOR WITH VENEER FACING
D5	900 X 2100	SINGLE LEAF 35 MM THK.TIMBER FLUSH DOOR WITH VENEER FACING
D6	1200 X 2100	DOUBLE GLASS DOOR WITH ALUMINIUM FRAME
WINDOW SCHEDULE		
SR no.	SIZE	DESCRIPTIONS
W1	900 X 1000	ALUMINUM FRAMED FIXED WINDOW WITH 6MM THICK PARTLY TRANSLUCENT GLASS PANELS
W2	2000 X 1500	
W3	1500 X 1800	FROSTED GLASS 6MM THK. FIXED LOUVERED TO T.W. FRAME
V1	600 X 900	VENTILATOR
V2	2000 X 750	
KEY PLAN		
 KEY PLAN		
NAME- VAISHNAVI M PATIL SEAT NO-5267		
SUBJECT - WORKING DRAWING		
T.Y. B.ARCH (SEM-VII) ROLL NO-1955		
SIR J.J. COLLEGE OF ARCHITECTURE		
PROJECT DETAILS:		
COMMERCIAL COMPLEX		
DATE: 22/04/2022 SCALE: 1:100		
SECTION- AA' SHEET- A1		
SIGNATURE AND STAMP		
 9A		

4. ACHIEVEMENT AIS DESIGN OLYMPIAD 2021

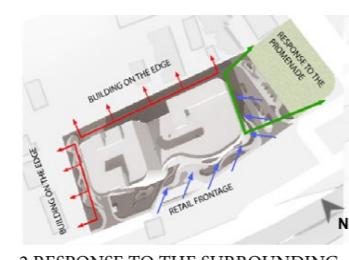
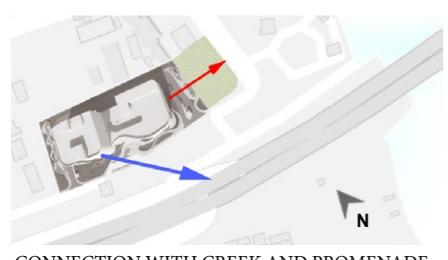
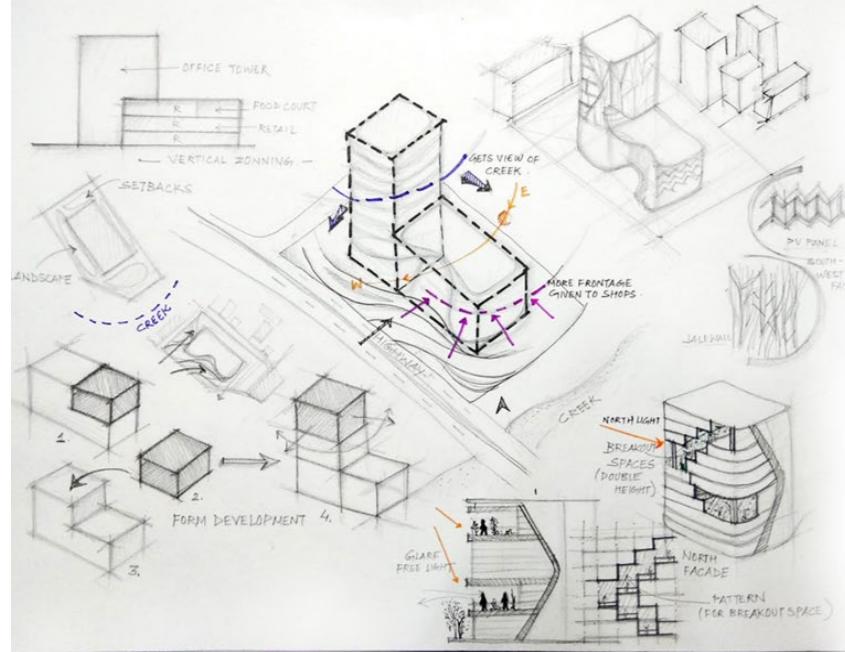
- 2 ND RUNNER UP IN NATIONAL LEVEL
- 1 ST RUNNER UP IN REGIONAL LEVEL

“WE-WORK” - A MIXED USE COMMERCIAL COMPLEX

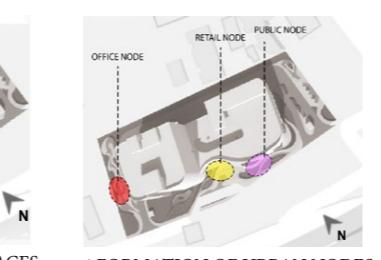
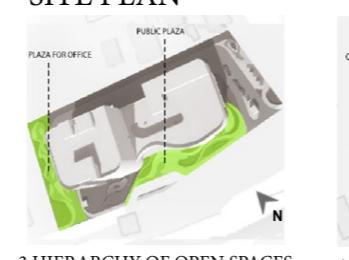




CONCEPT: DESIGN APPROACH AND VISION



3.HIERARCHY OF OPEN SPACES

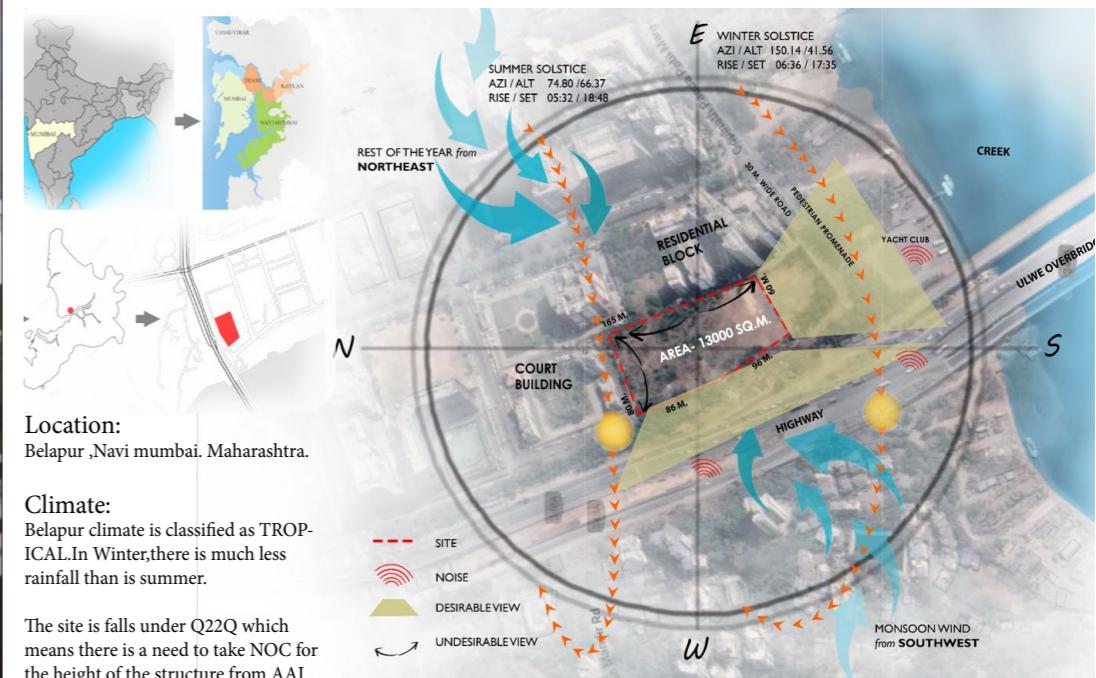


INTRODUCTION

The project's aim is to create an inclusive and self-sufficient office complex.

This is accomplished by offering a mixed-use function that caters to a wide range of users, i.e flexible office design, co-working offices, food courts, shopping malls cum exhibition spaces. The project's aim is to create an inclusive and self-sufficient office complex. This is accomplished by offering a mixed-use function that caters to a wide range of users ,i.e. flexible office design, co-working offices, food courts, shopping malls cum exhibition spaces.

It is done by focusing on nodes of interaction, types of interactions fostered and facilities, typology of workspaces, movement, employee well-being, the scope of face to face interaction, different ways of encouraging collaboration and teamwork through spaces, human needs, flexibility and mobility, spatial attributes. Mixed-use development encourages a walkable built environment that can help rejuvenate a city and stimulate private investment



Location:
Belapur ,Navi mumbai. Maharashtra.

Climate:
Belapur climate is classified as TROPICAL.In Winter,there is much less rainfall than is summer.

The site is falls under Q2Q which means there is a need to take NOC for the height of the structure from AAI.



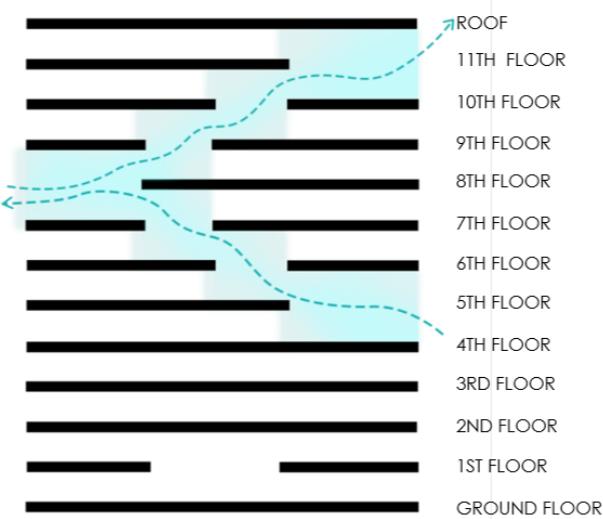
VIEW FROM PEDESTRIAN PLAZA



VIEW OF ATRIUM



FLEXIBLE OFFICE FLOORS LAYOUT



4TH FLOOR

5TH FLOOR

6TH FLOOR

7TH FLOOR

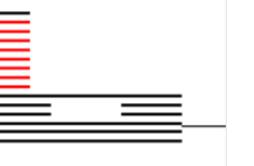
8TH FLOOR

9TH FLOOR

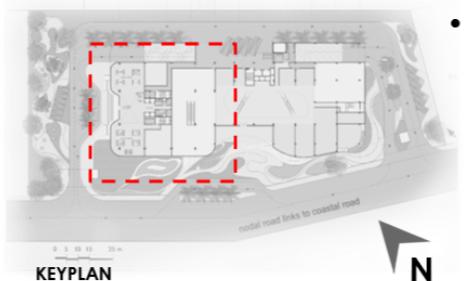
10TH FLOOR

11TH FLOOR

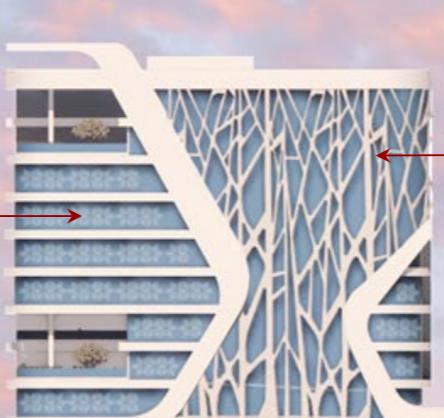
- Total 12 no. of floors are provided for the office tower. From 4th floor to 11th floor have flexible floor plate plan to accommodate different size offices.



KEY SECTION



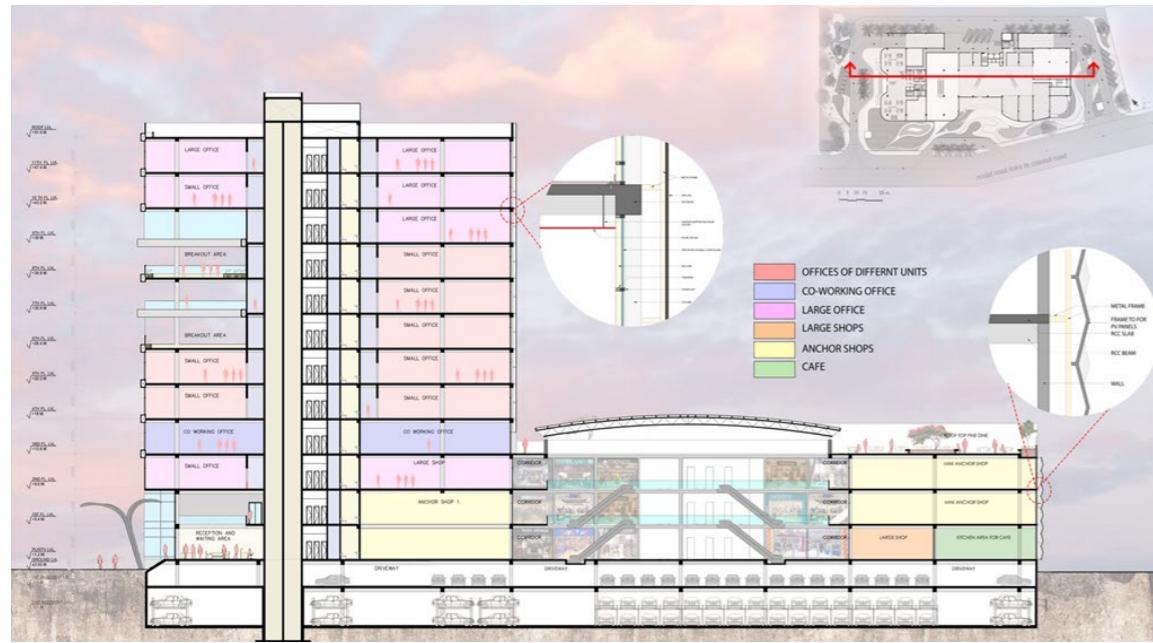
KEYPLAN



SOUTH-WEST SIDE ELEVATION



GRC JALI



SECTION



VIEW OF OFFICE ENTRANCE



VIEW OF OUTDOOR SEATING AT TERRACE



VIEW OF FRONT OFFICE PLAZA



VIEW OF SHOPPING MALL ENTRANCE

5. EXTRA CURRICULARS

FREELANCE INTERIOR WORK



1BHK FLAT,KAMOTHE

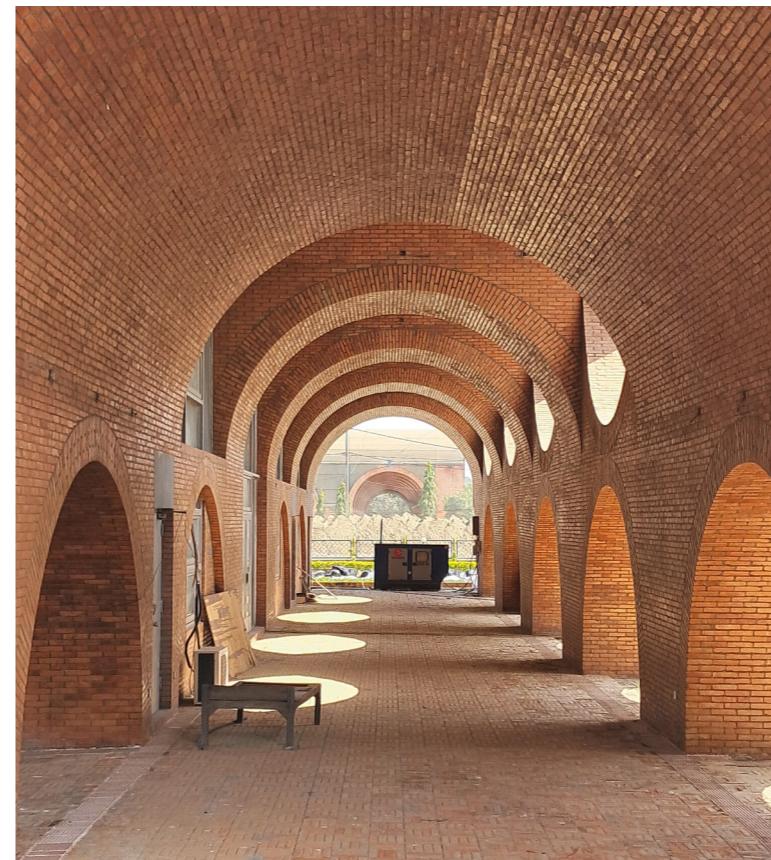


VIEWS OF LIVING ROOM



VIEW OF BEDROOM

KITCHEN



SKETCHING AND PHOTOGRAPHY



INTERNSHIP EXPERIENCE

FIRM : ARCHITECT HAFEEZ CONTRACTOR

DURATION: 5 MONTHS

WORKED ON PROJECTS LIKE :

- RESIDENTIAL PROJECTS
- COMMERCIAL PROJECTS

INTERNSHIP PORTFOLIO



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