

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

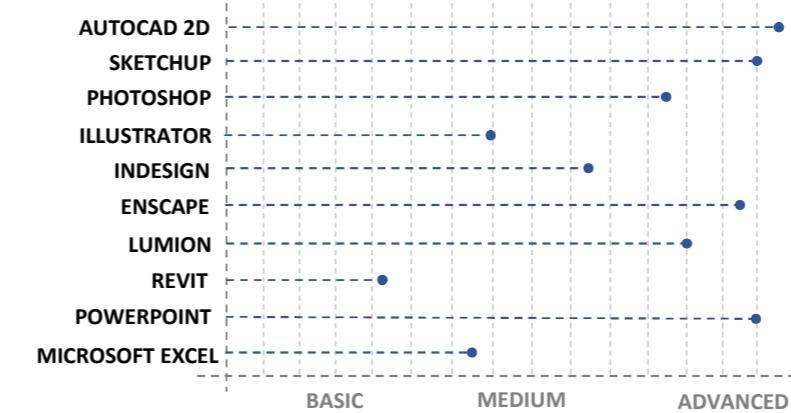
PARTICIPATED IN SEVERAL DESIGN COMPETITIONS INVOLVING:

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

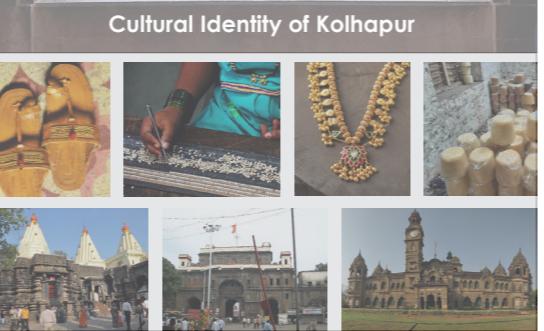
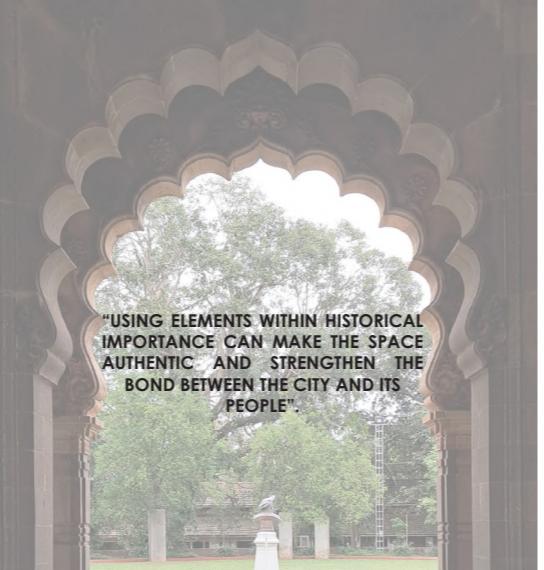
1. REVITALIZATION OF ABANDONED SHAHU MILL SITE AS: CULTURAL CENTER OF KOLHAPUR (SEM-10)



DESIGN INTENT



ACTIVITY PROGRAMME



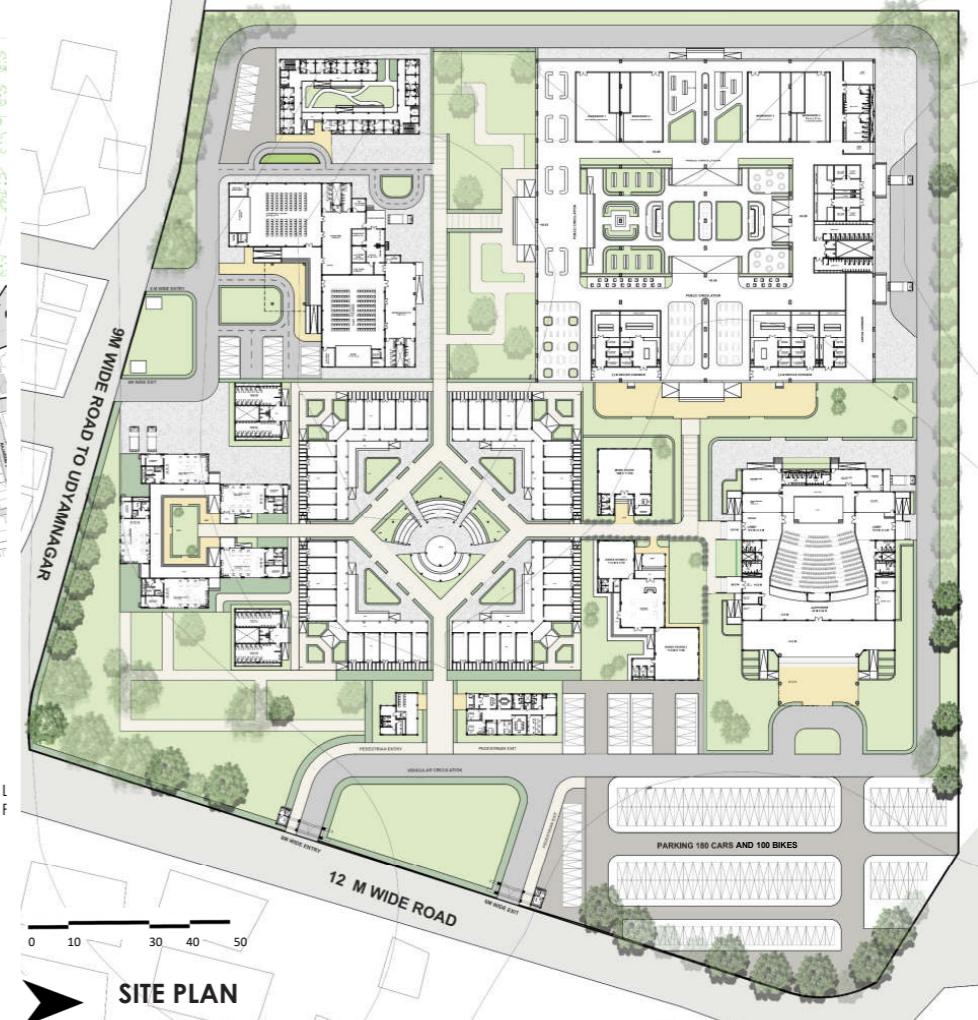
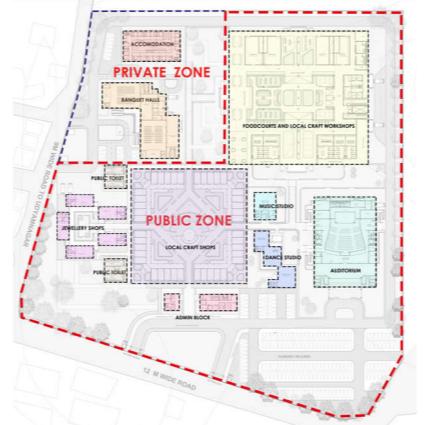
DESIGN STRATEGY



MASTER PLAN



ZONNING



SITE PLAN



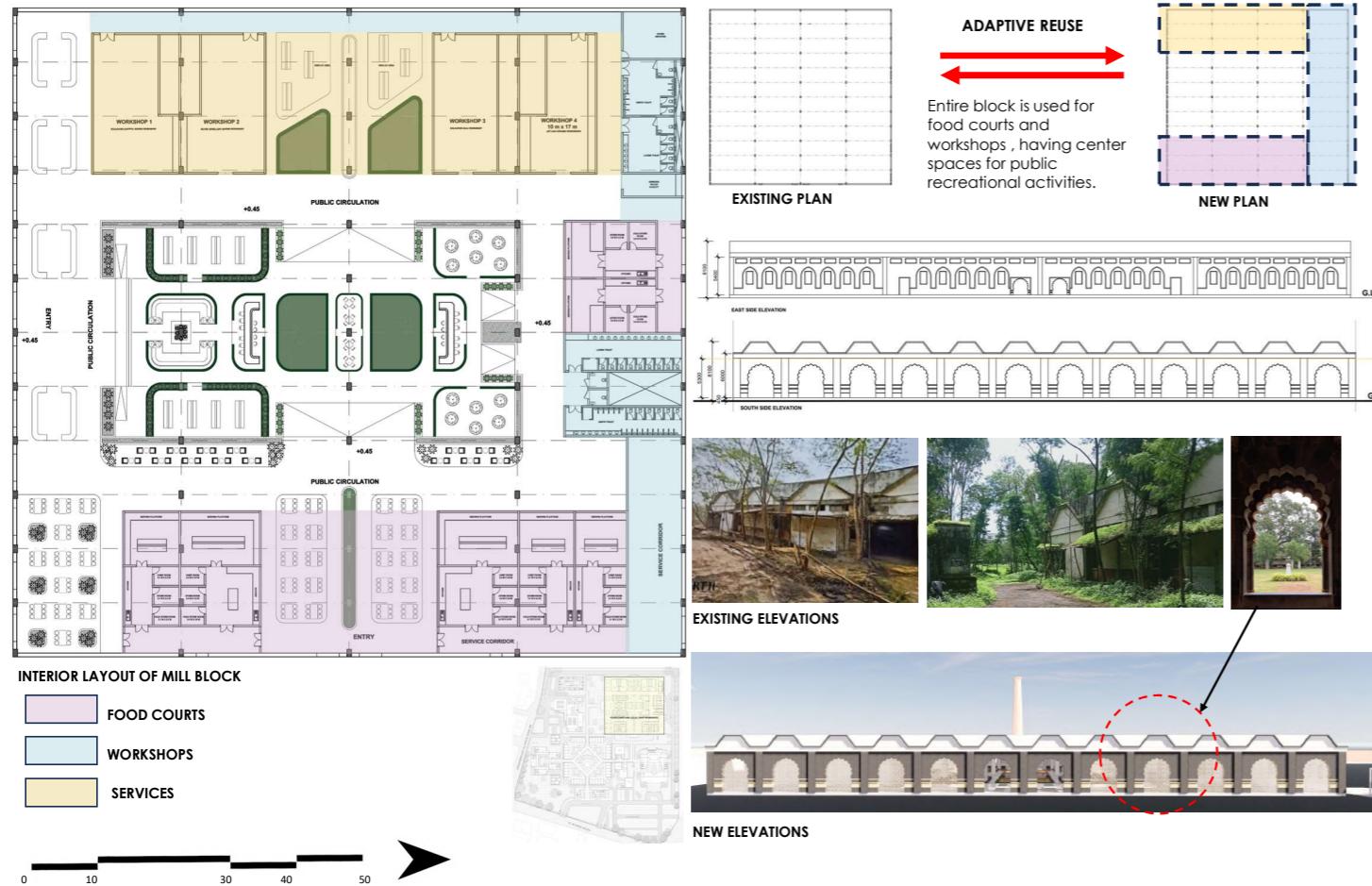
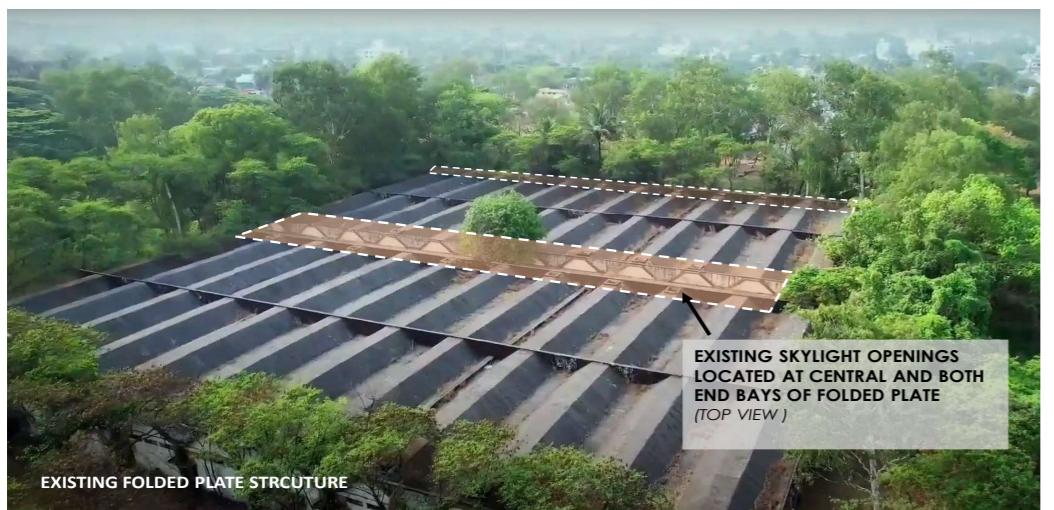
BIRDS EYE VIEW



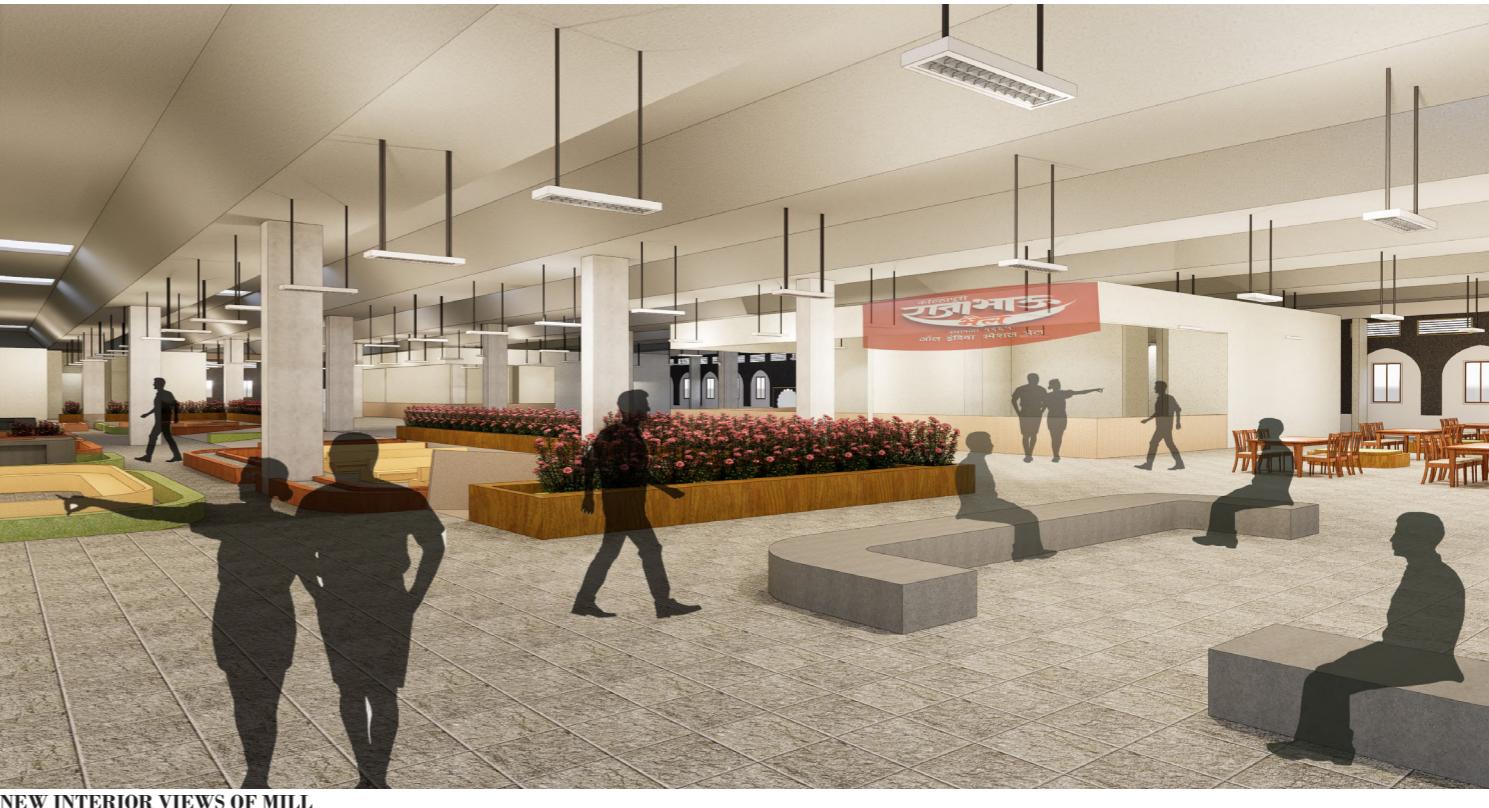
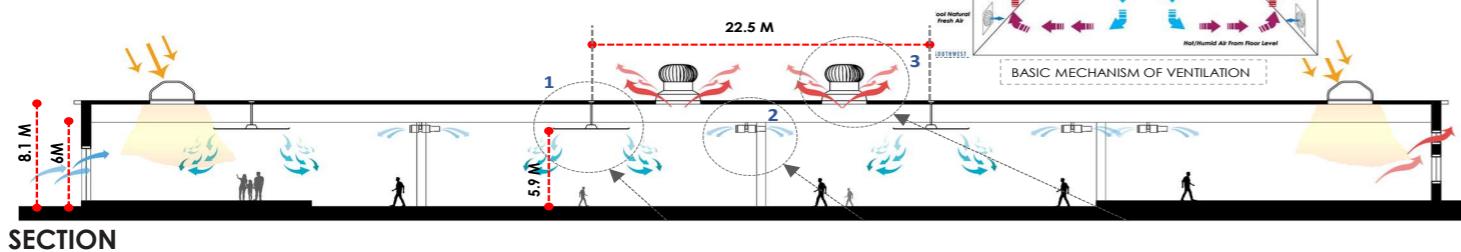
ENTRANCE VIEW

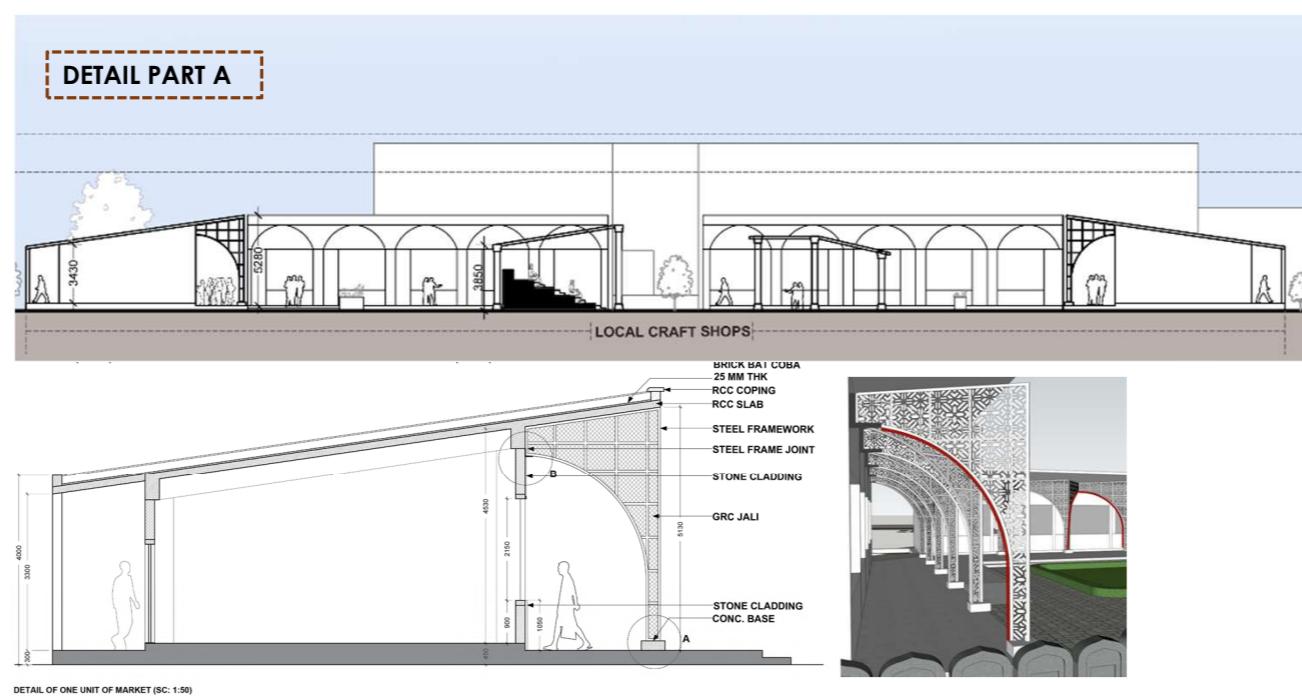
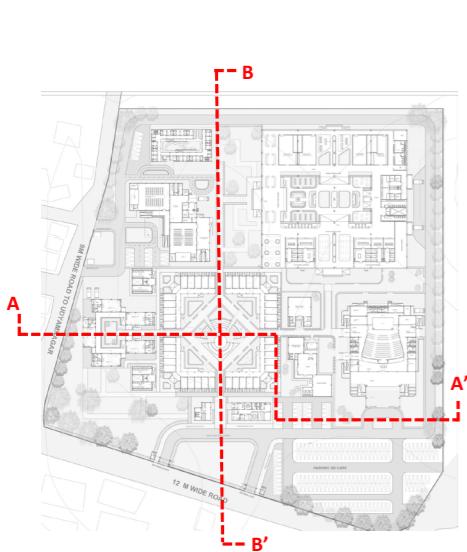
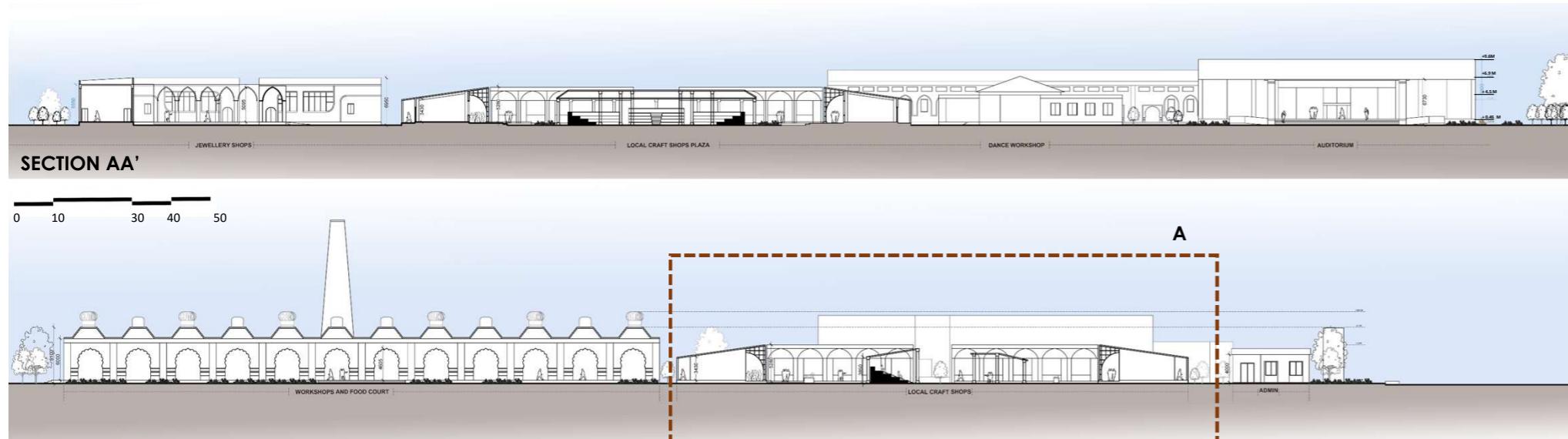
STUDY OF EXISTING MILL BLOCK

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.

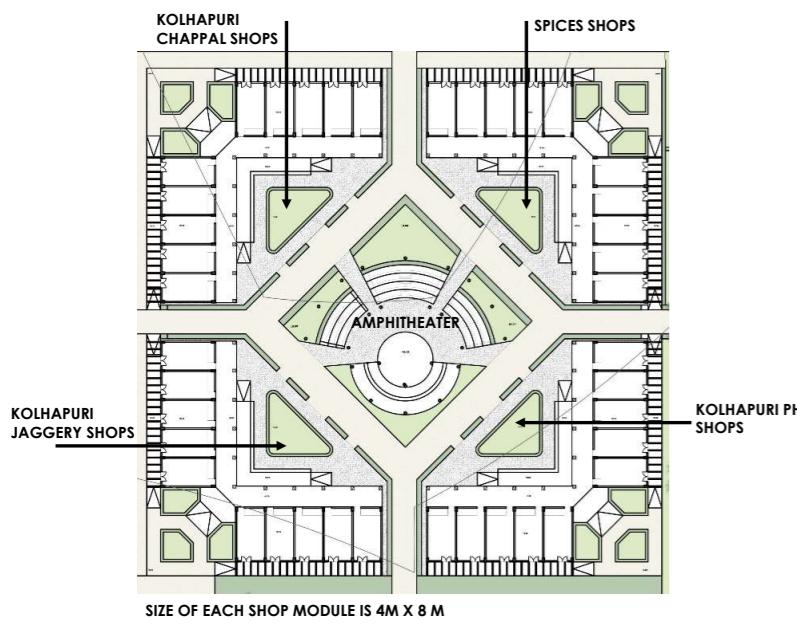


This mill block is used in an adaptable manner without causing significant structural damage. For efficient cross ventilation, the window and ventilator openings that were already in place were insufficient. Thus, roof-mounted turbo exhaust fans are used for efficient air circulation. As a result Space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





SITE SECTIONS



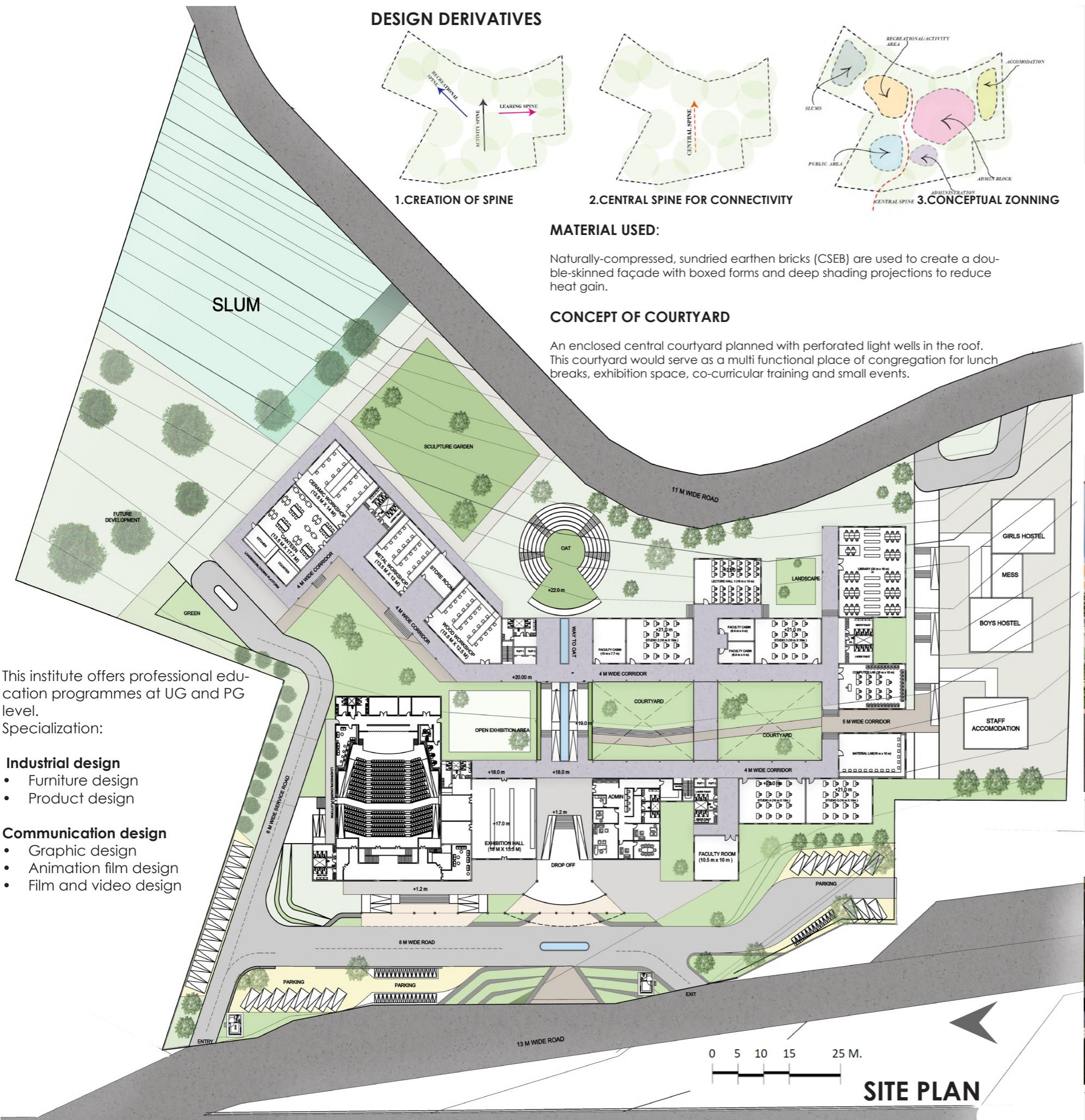
LOCAL CRAFT SHOPS PLAZA



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

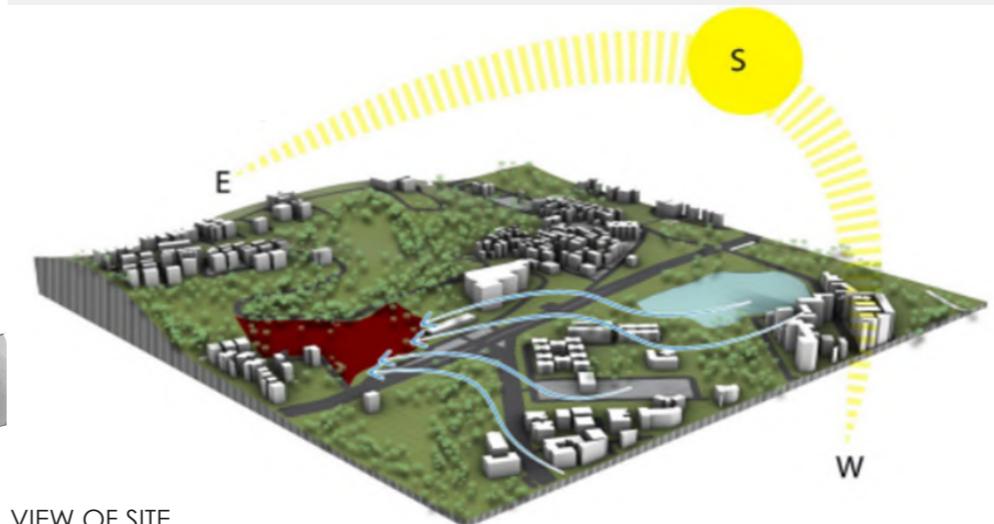


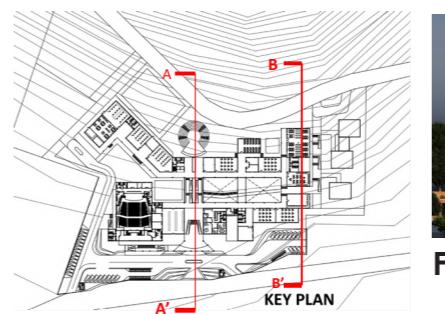
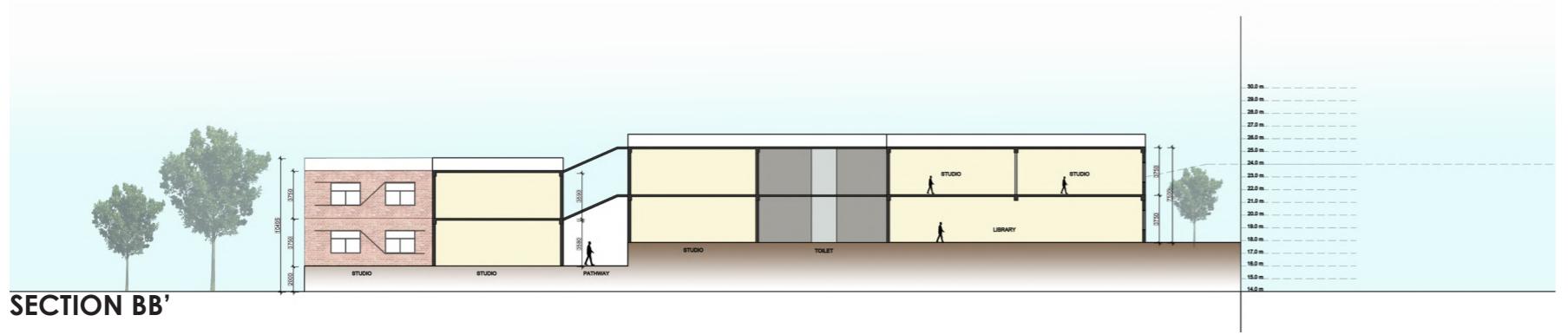
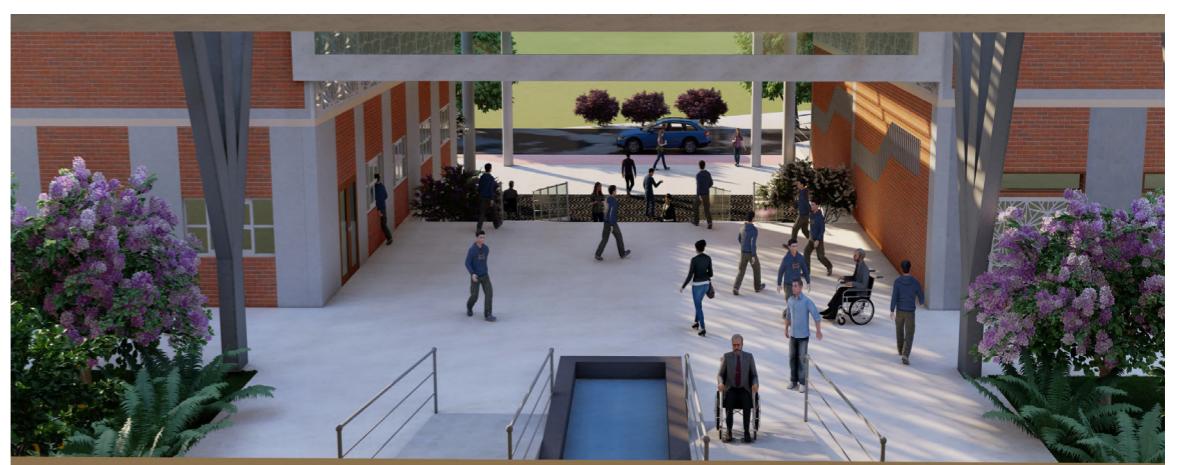
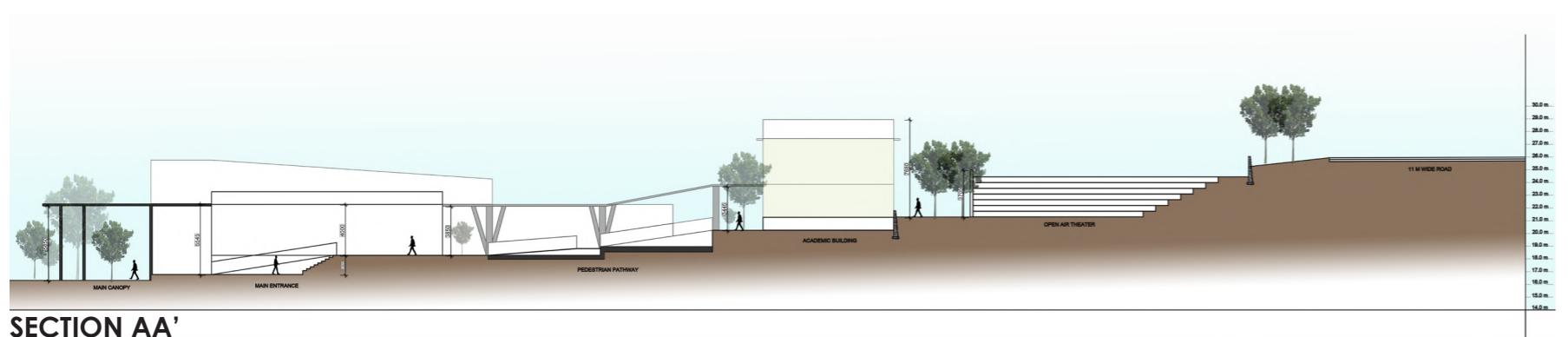
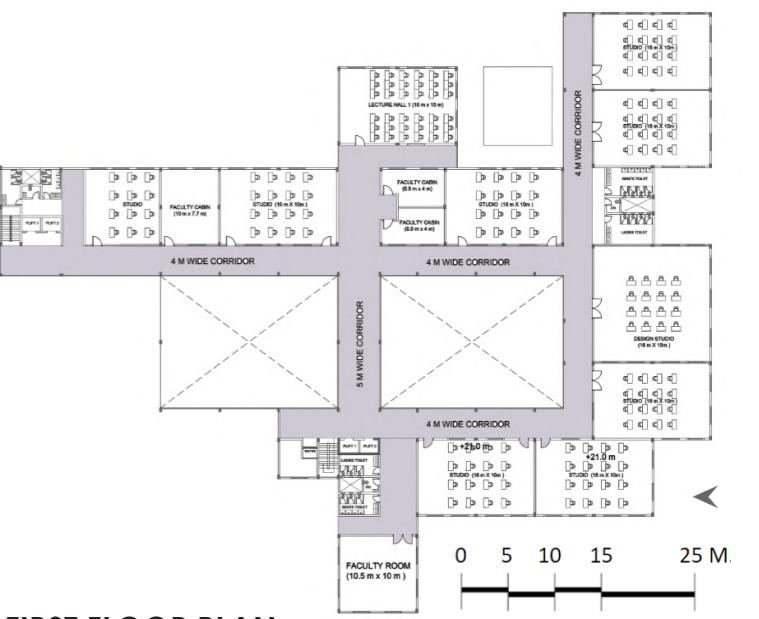
*We must encourage design education and develop students' innate creative abilities in the realm of design. Campuses of design institutes can be designed to achieve this. There are very few NID in India; more of these NID are needed to foster the development of creative minds. This idea inspired me to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

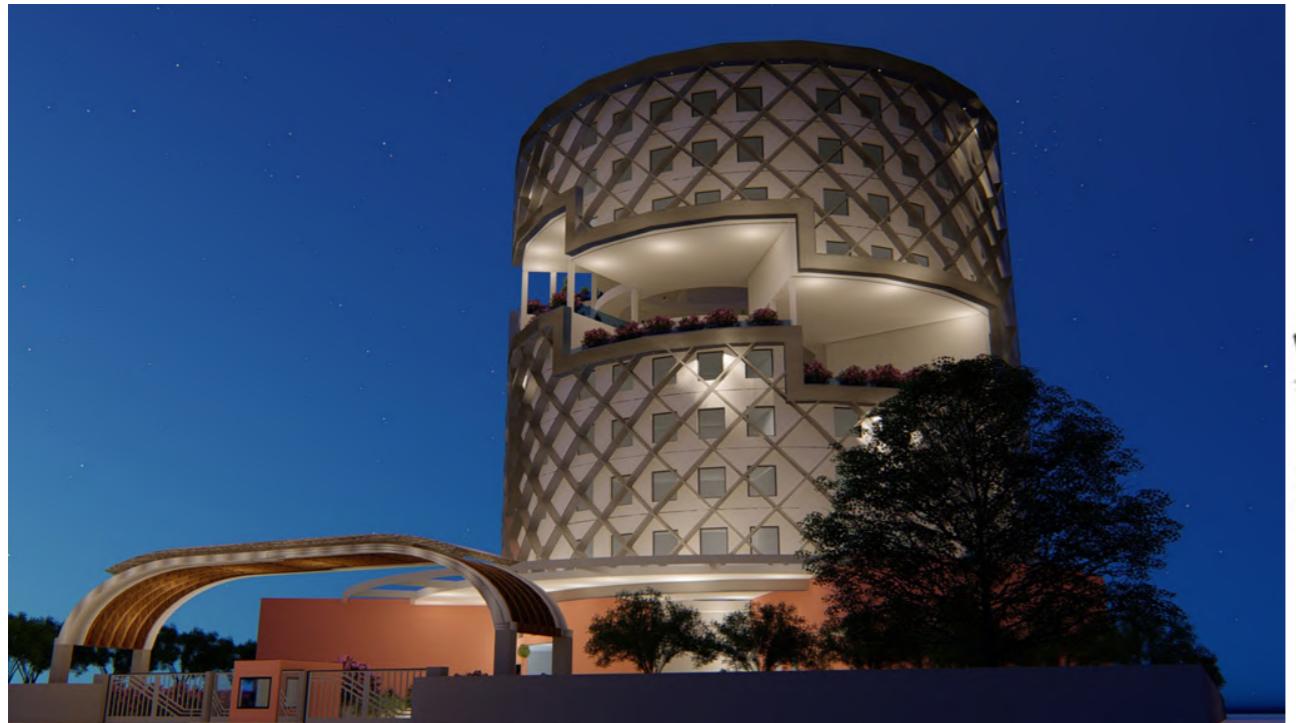




SWAR MUSIC INSTITUTE, MUMBAI (SEM-6)

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.



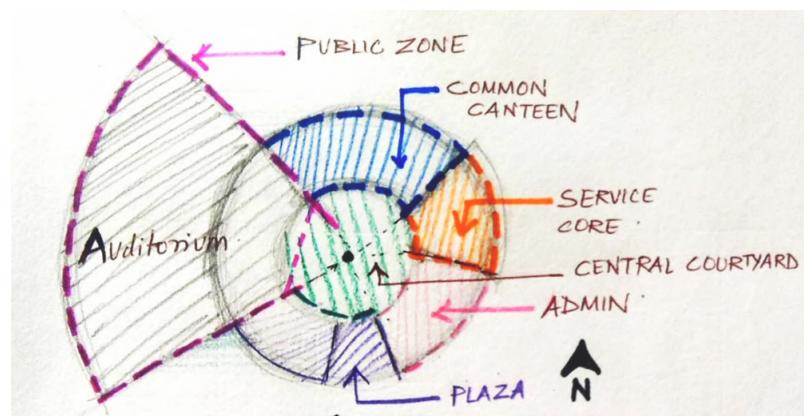


LOCATION:

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



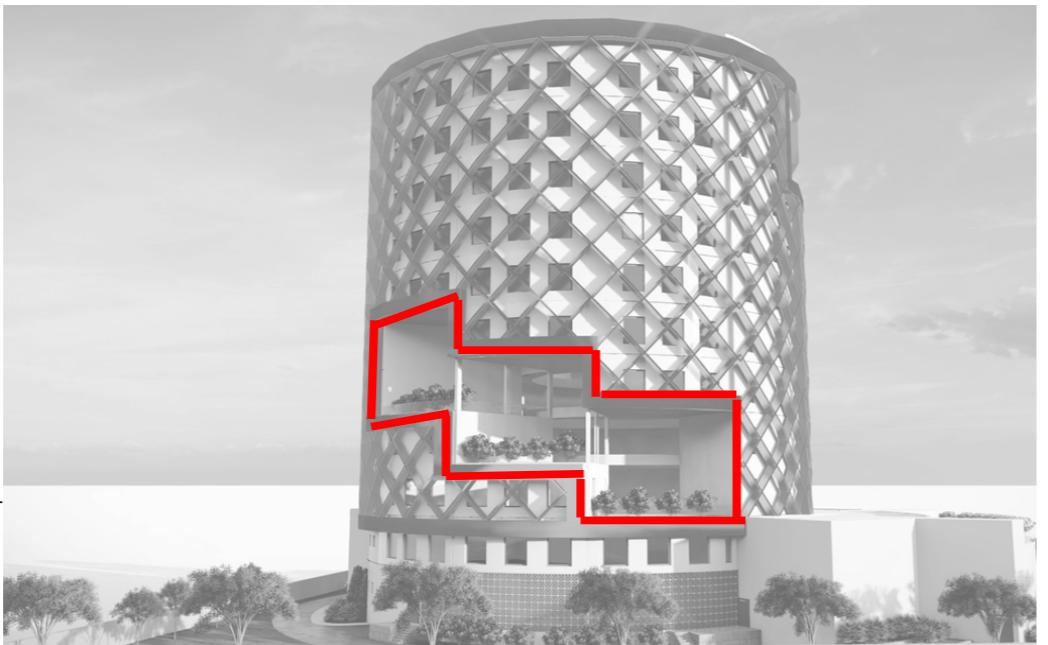
Fan shaped rooms are designed so that sound energy is distributed uniformly within the rooms.

ZONING

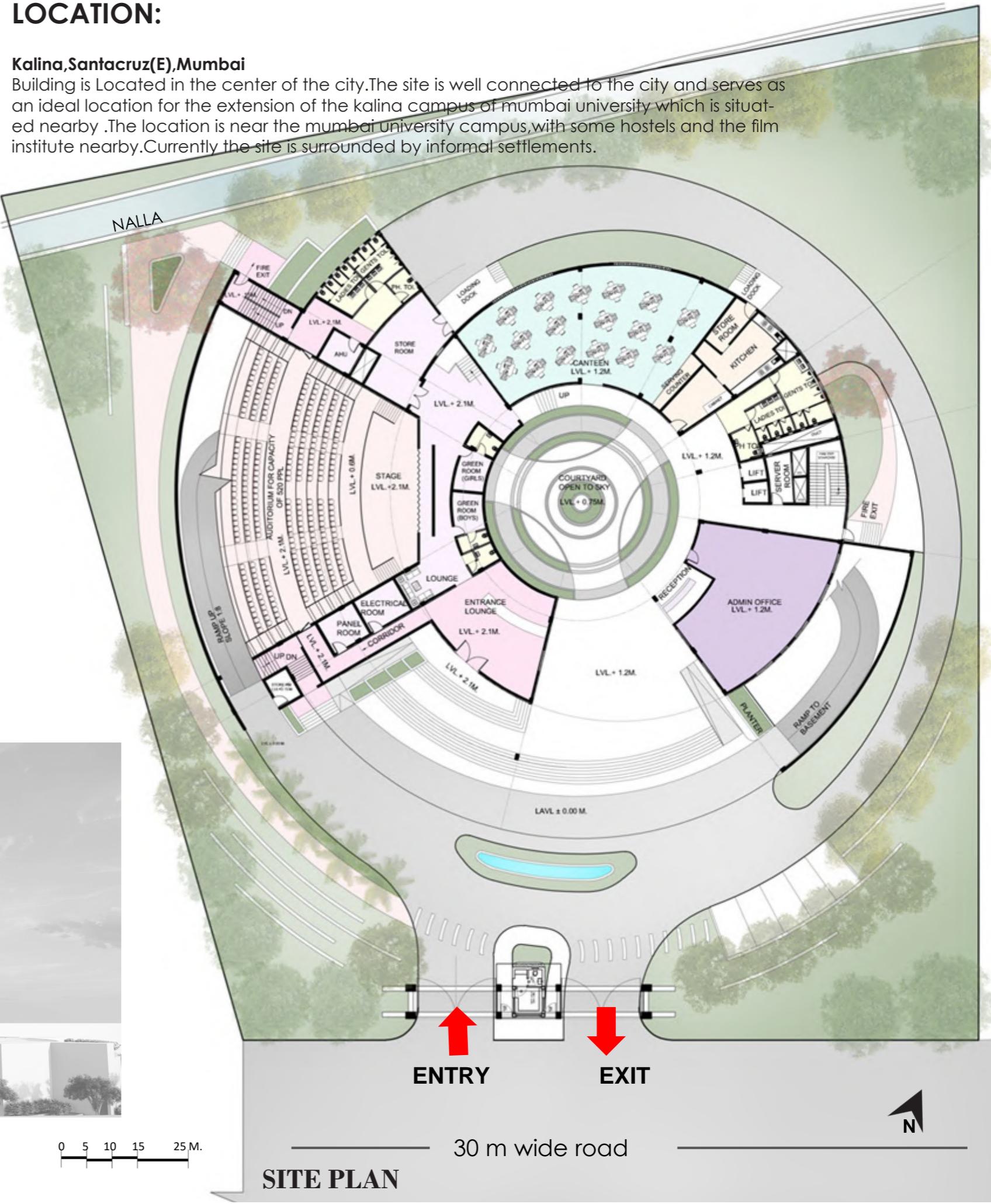
The main axis pointing towards large auditorium and the other axis connecting canteen and the entrance plaza along with administration area.

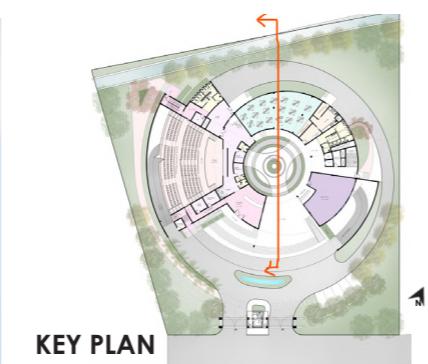
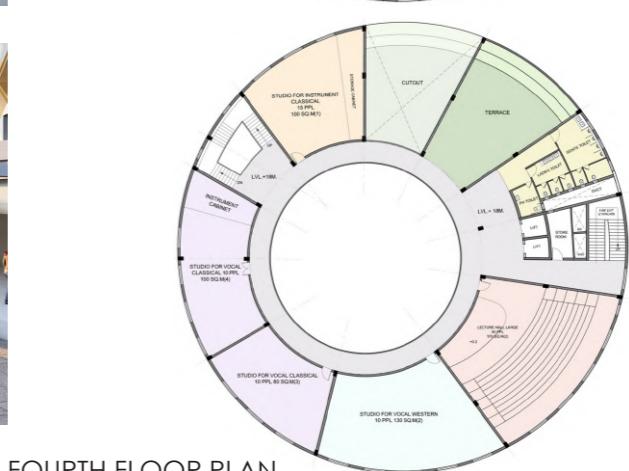
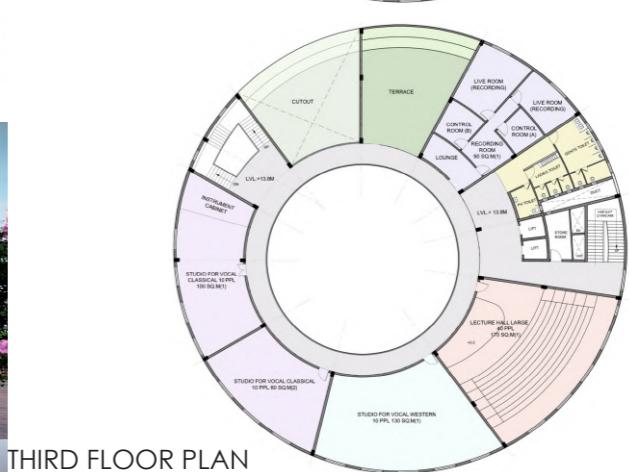
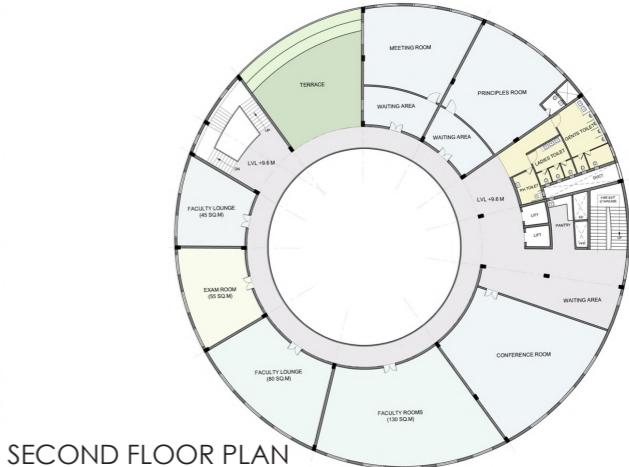
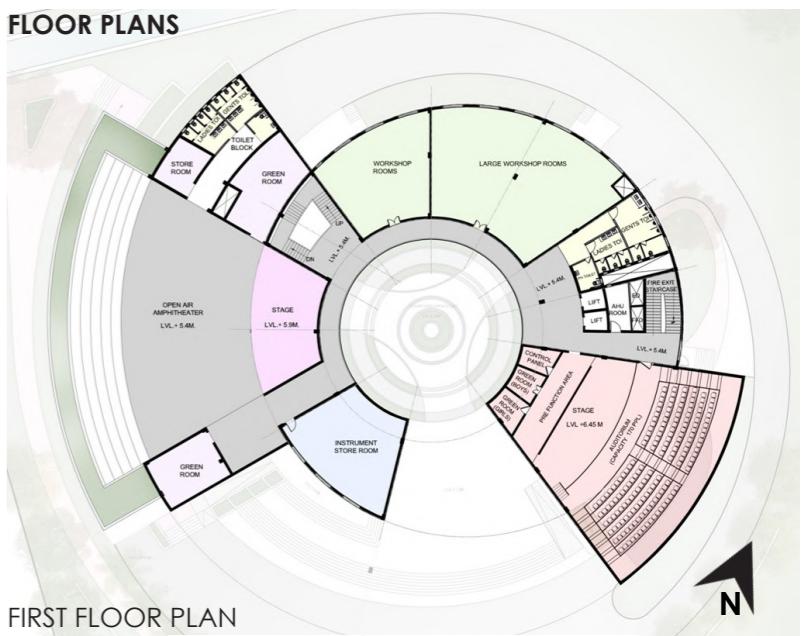
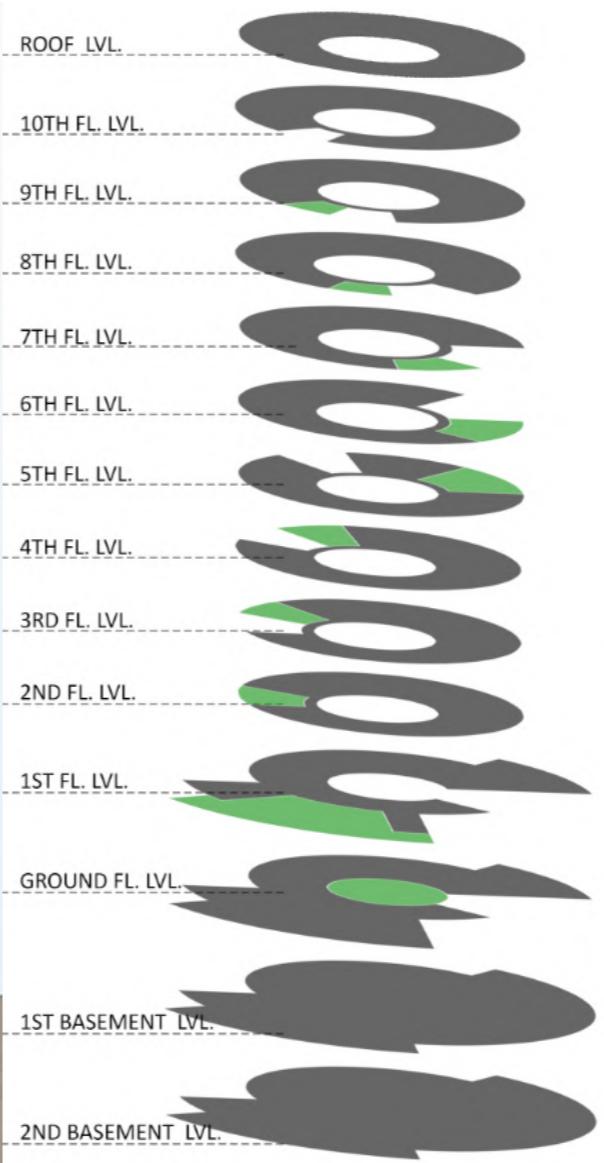
DESIGN DERIVATIVES

- 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

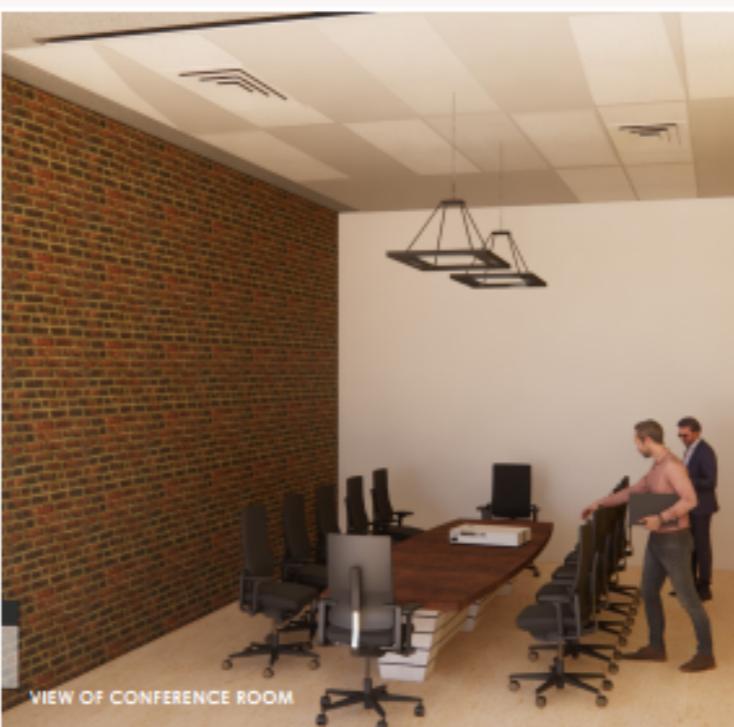
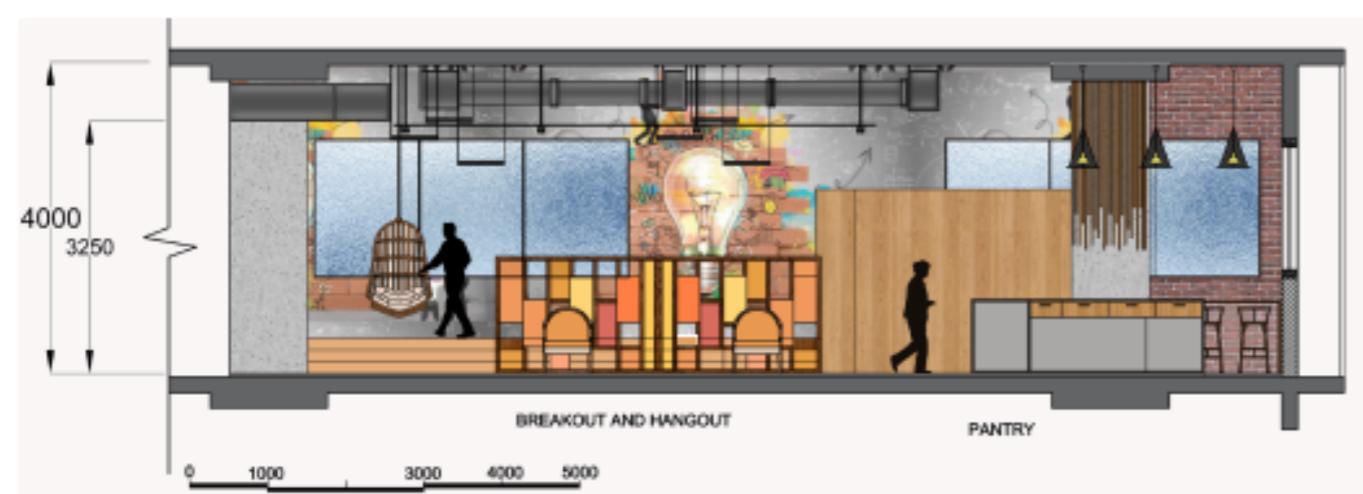
SION-PANVEL HIGHWAY, LOCATED ON 7 TH FLOOR OF COMMERCIAL BUILDING WHICH HOUSES VARIOUS TYPES OF ESTABLISHMENT.

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.

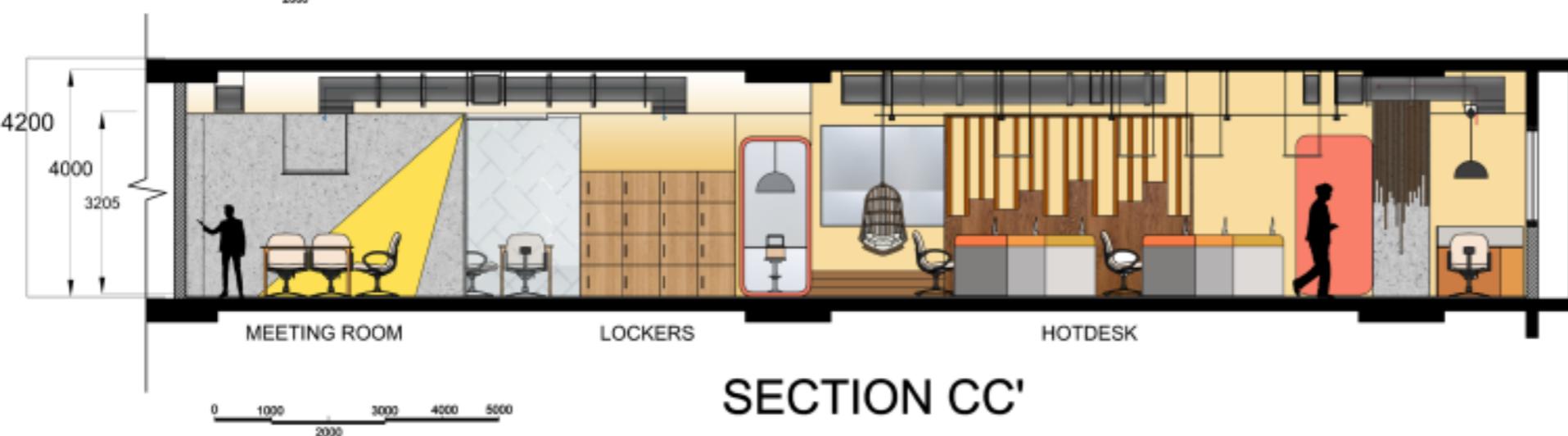
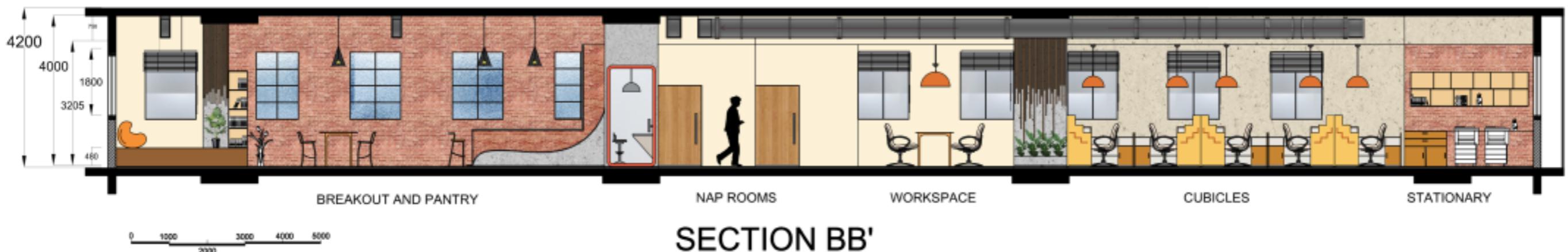
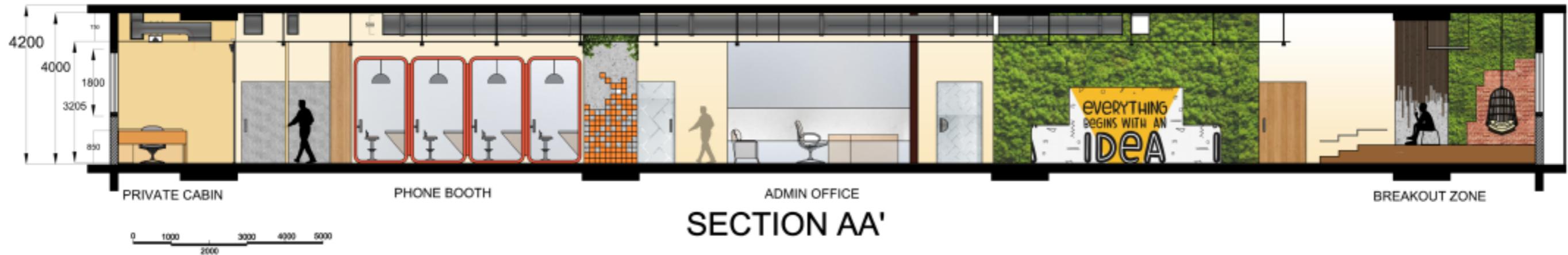
COLOUR PALETTES

- 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.

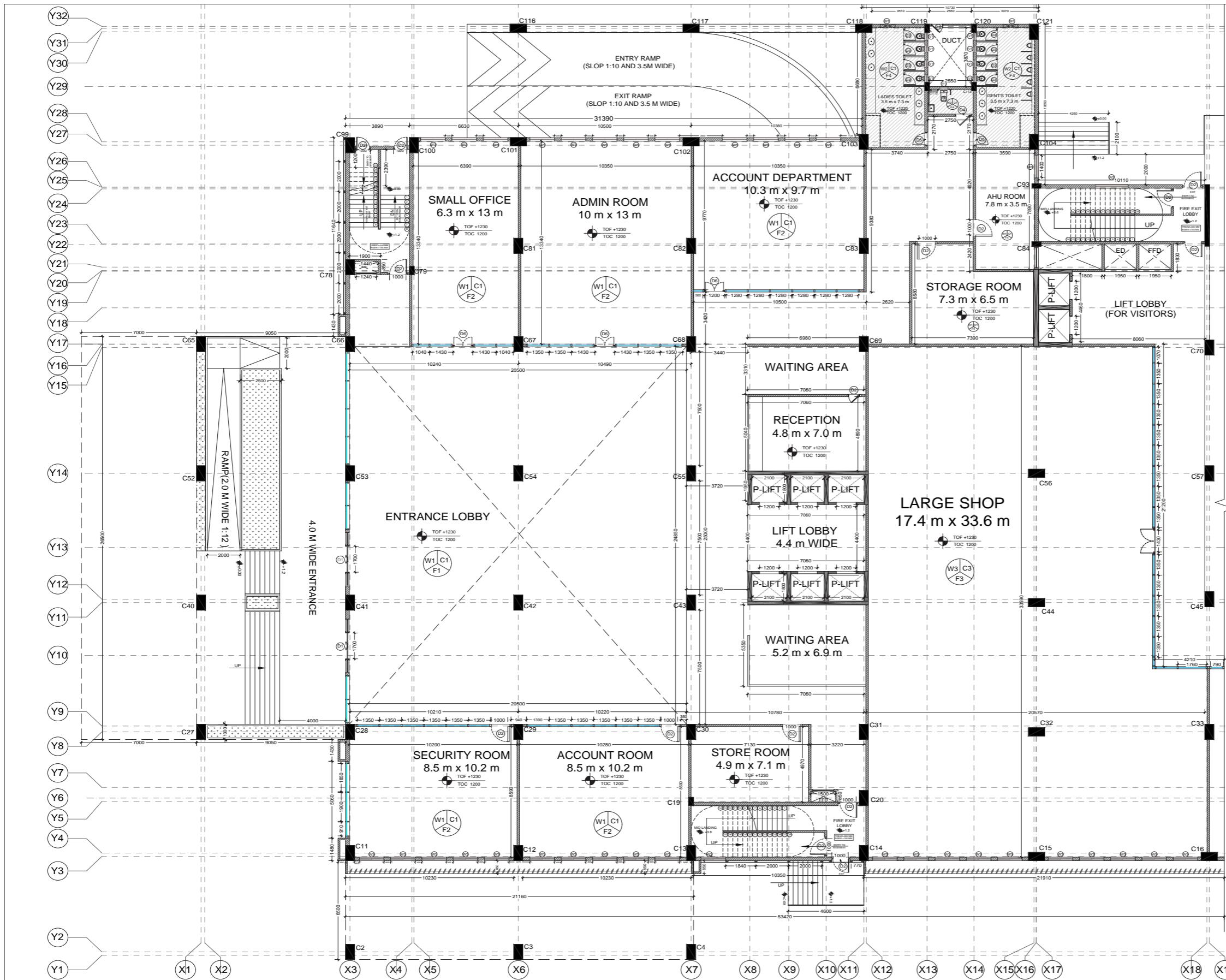


FLOOR PLAN





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 |

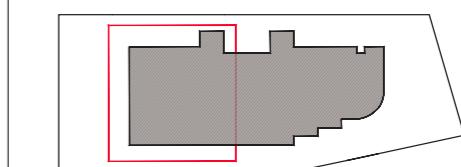
| TYPE | DESCRIPTION | DIMENSIONS | THICKNESS |
|------|--------------------------------|-------------|-----------|
| F1 | MARBLE FLOORING | 1000 X 1000 | 20MM |
| F2 | VITRIFIED TILES, ANCASTER GRAY | 600 X 600 | 10MM |
| F3 | ANTI SKID FINISH CERAMIC TILES | 300 X 300 | 8MM |
| F4 | ROUGH GRANITE | 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. 30X30 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

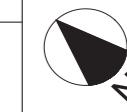
NAME- VAISHNAVI M PATIL | SEAT NO-5267
SUBJECT - WORKING DRAWING
T.Y. B.ARCH (SEM-VII) | ROLL NO-1955
SIR J.J. COLLEGE OF ARCHITECTURE
PROJECT DETAILS:
COMMERCIAL COMPLEX

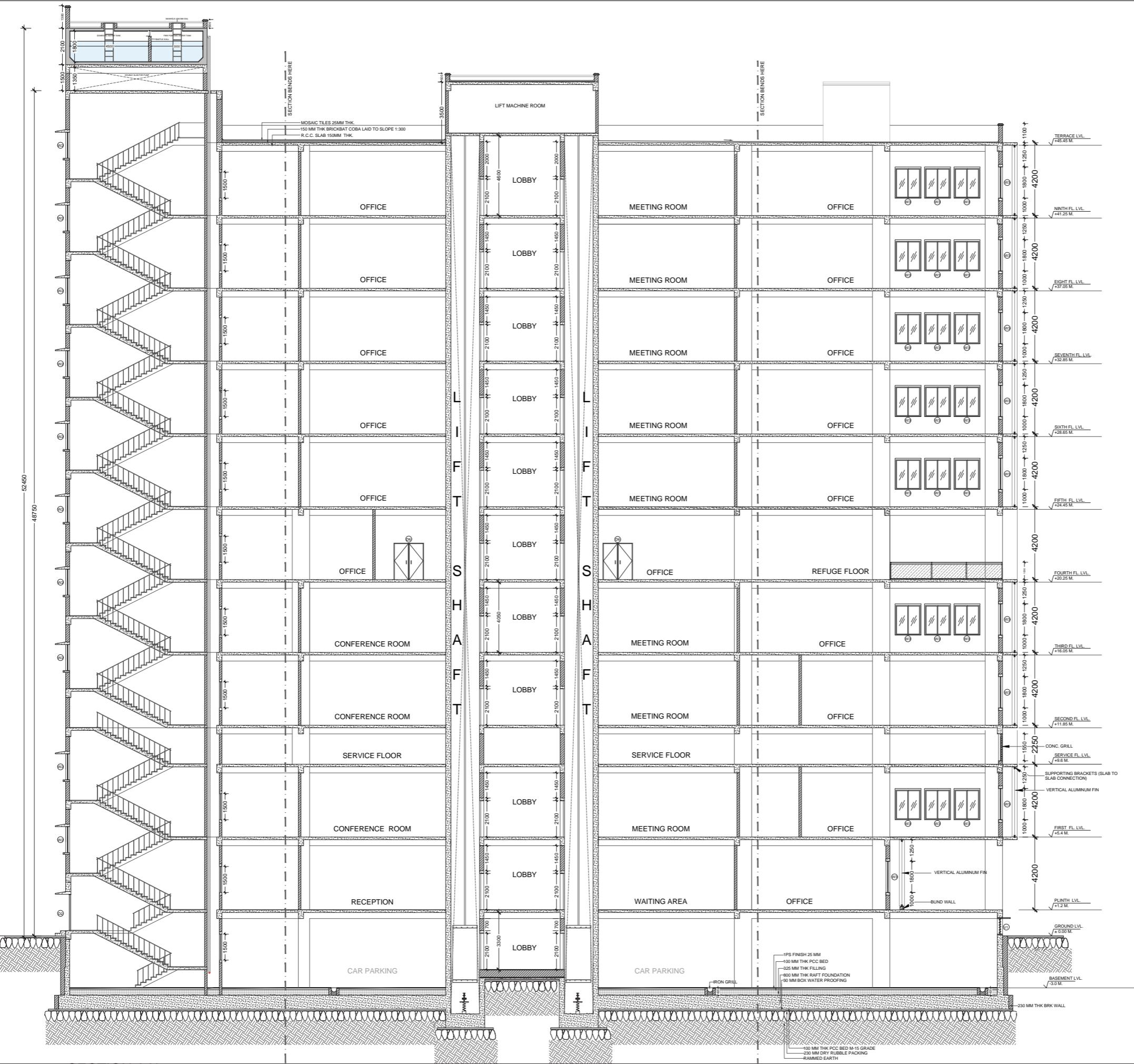
DATE: 22/04/2022 | SCALE: 1:100

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 | | |
| | | |

4. ACHIEVEMENT AIS DESIGN OLYMPIAD 2021

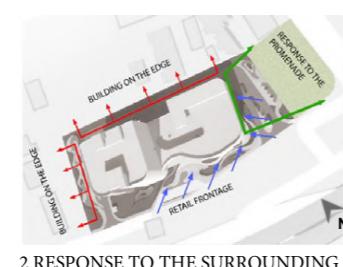
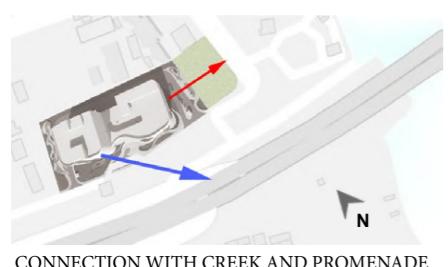
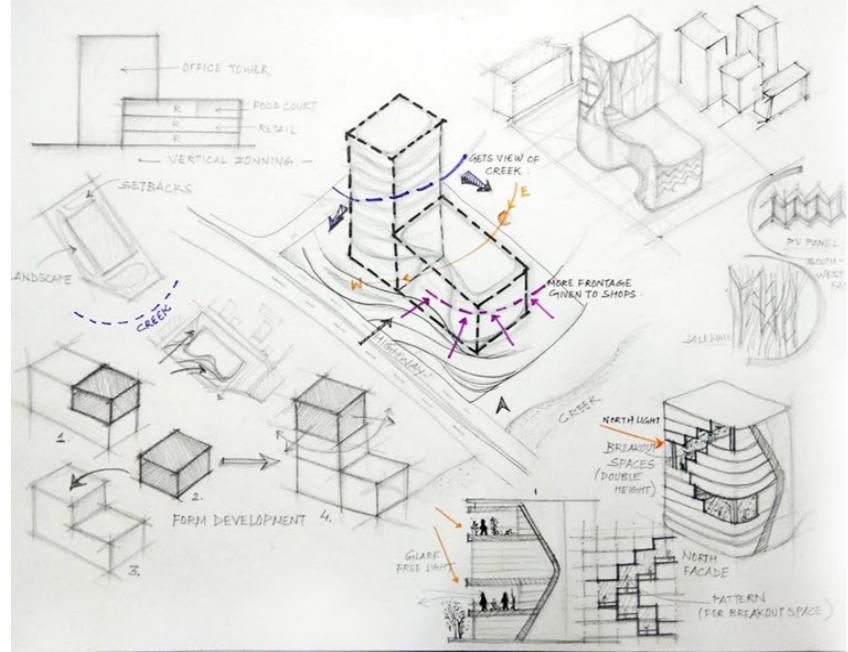
- 2 ND RUNNER UP IN NATIONAL LEVEL
- 1 ST RUNNER UP IN REGIONAL LEVEL

“WE-WORK” - A MIXED USE COMMERCIAL COMPLEX

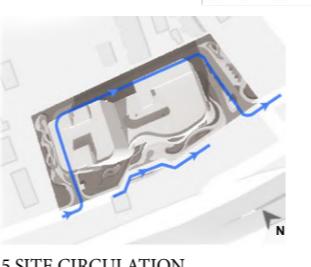
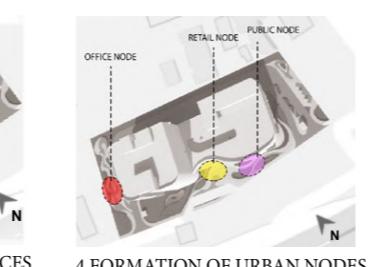
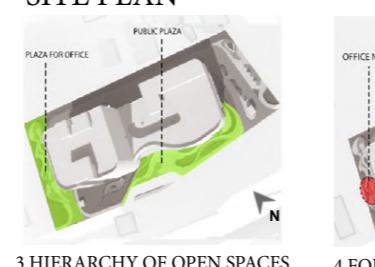




CONCEPT: DESIGN APPROACH AND VISION



3.HIERARCHY OF OPEN SPACES

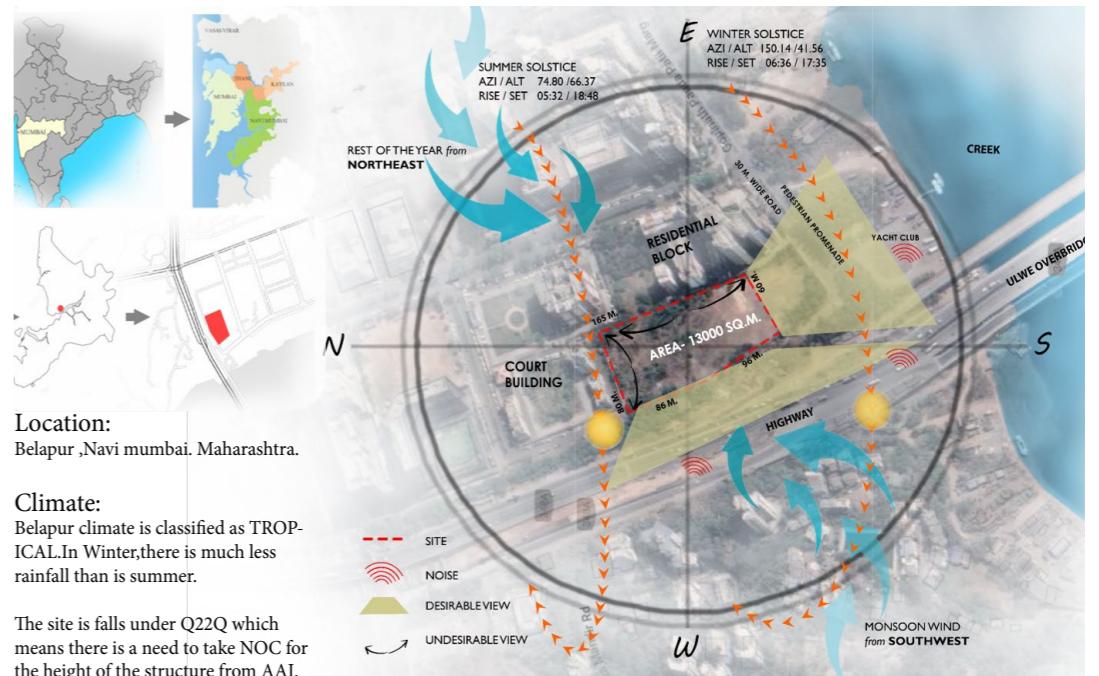


INTRODUCTION

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

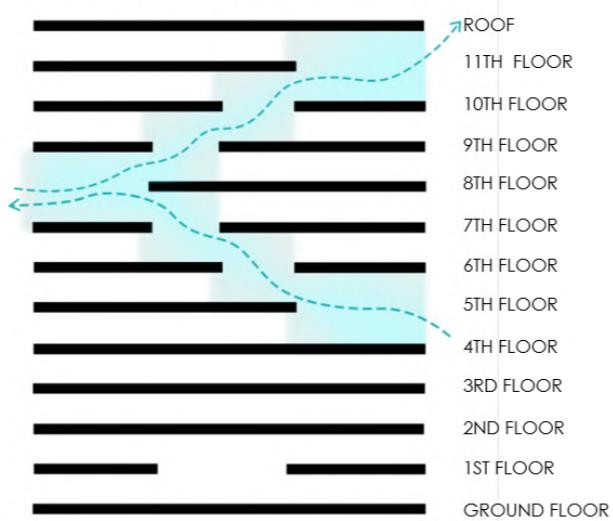
This is accomplished by offering a mixed-use function that caters to a wide range of users, i.e flexible office design, co-working offices, food courts, shopping malls cum exhibition spaces. The project's aim is to create an inclusive and self-sufficient office complex. This is accomplished by offering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





FLEXIBLE OFFICE FLOORS LAYOUT



7TH FLOOR

8TH FLOOR

9TH FLOOR

10TH FLOOR

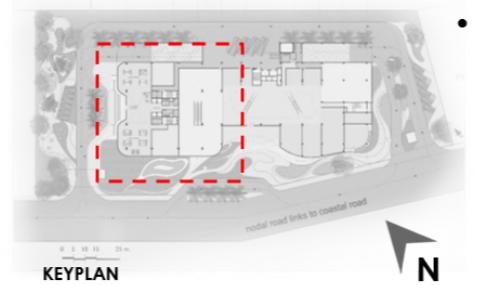
11TH FLOOR

ROOF

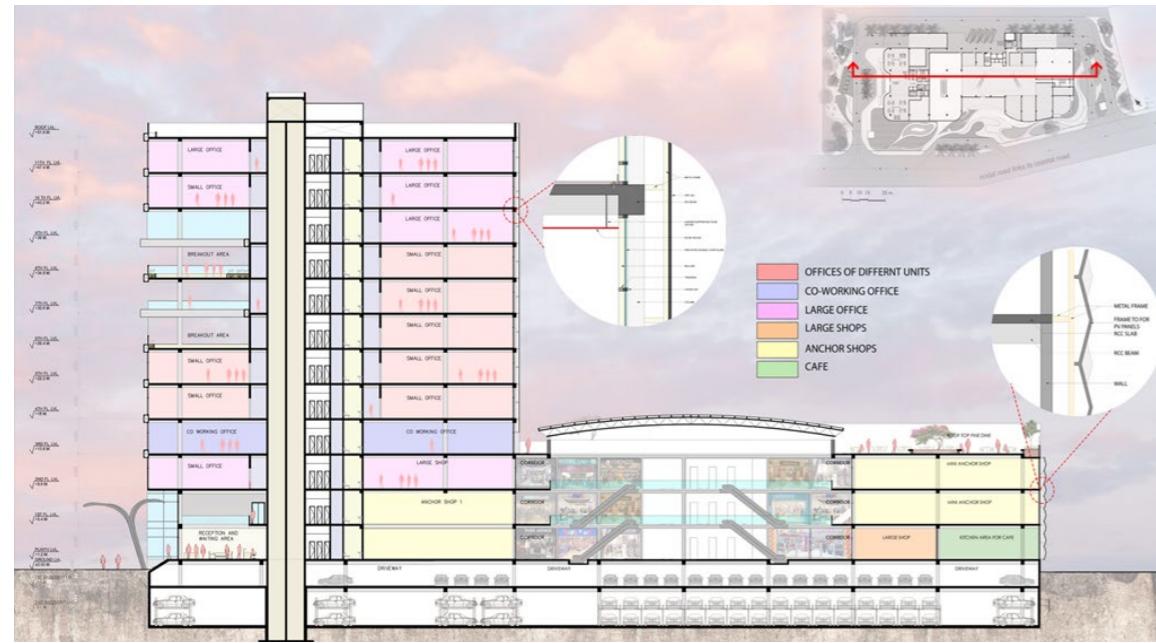
- Total 12 no. of floors are provided for the office tower. From 4th floor to 11th floor have flexible floor plate plan to accommodate different size offices.



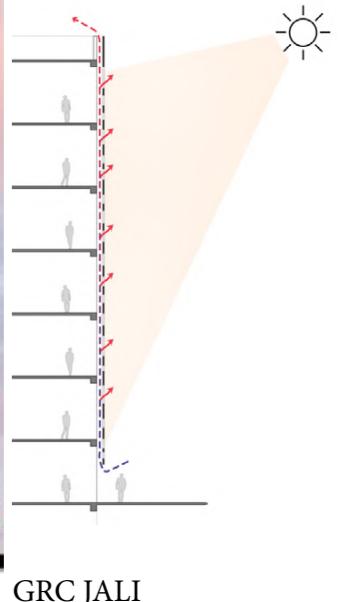
KEY SECTION



KEYPLAN



SECTION



SOUTH-WEST SIDE ELEVATION



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



SCAN HERE





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