

ARCHITECTURAL

PORTFOLIO



RITU S. GOSAVI



## ABOUT ME

14 AUGUST 1997

DHAMATNAGAR ,BEHIND RAJLAXMI STEEL  
OZAR MIG NASHIK

COLLEGE OF  
ARCHITECTURE NASIK AND AND CENTER  
FOR DESIGN  
(PUNE UNIVERSITY)



SSC-HSC

Gokhale Education Society H.A.L. High School  
ARCH.COURSE

College of Architecture Nasik and center for Design

## PARTICIPATION

Leewardist workshop on Visual story telling and sketching  
GRIHA (Green Rating System ) workshop and seminar  
Modular Architecture and office Building seminar  
Universal Design Studio live demonstration of physically challenged and  
design consideration  
Ar. BV Doshi fundamentals of architecture and Seminar  
Ted Talk on Universal Design live telecast

Landscape Architecture : Riverfront Development demonstration Workshop  
A talk with Ar.APrul Chauhan (Universal Design Expert) on Inclusive Design

## BASIC EXPERIENCE

Documentation  
Konkon Vernacular Architecture Kusumnwada  
Chandori Seven Temples of connectivity  
Rajasthan Ahar Banas Ghat documentation  
Indore street and Urban Planning  
Nasik Conservation of Vernacular Architecture

## EXTRA CURRICULUM

Nasik art Fest exhibition  
EXPLICO Student Academics Exhibition  
MISTURA Art Fest  
NASA Landscape Trophy (2015-16)  
Spech Competiton on Virangana JHAnsi Ki Rani (2012-13)  
Drama competition on Bluff Master (2011-12)  
Heritage Walk In Nasik (2015-16)  
Heritage Exhubition At SarkarWada Conservation (2015-16)

## MY QUALITIES

Promissing  
Able to work under pressure  
Good Communication Skills  
Best In Architectural Planning  
Leading Ability  
Group Management  
Good At Working Drawings  
Good in designing Technical Layouts  
Best at Drawing Parking Layout for Large scale Project

## WISH TO LEARN

Site Work  
Presentation (professional)  
Project Handling From A to Z  
Technical Skills  
Communicating with the client  
Meetings and Work Managment  
Want to know the real world of Architecture

## CONTACT ME



+91 9112889789



ritugosavi3@gmail.com



Ritu S Gosavi



Ritu S Gosavi  
(catastrophy)

## COMPUTERIZED SKILLS



AUTOCAD



REVIT



SKETCHUP



LUMION



PHOTOSHOP



MS POWERPOINT



VRAY

## LANGUAGE



ENGLISH



HINDI



MARATHI

## HANDSKILLS



RENDERING



PHOTOGRAPHY



PAINTING



SKETCHING



DRAFTING

## INTEREST



UNIVERSAL DESIGN,



LANDSCAPE DESIGN



WORKING DRAWINGS



PLANNING

## HOBBIES



MUSIC



TREKKING



RIDING



READING



READING GRAPHIC NOVELS



GAMES



WRITING

# PROJECTS



1



2



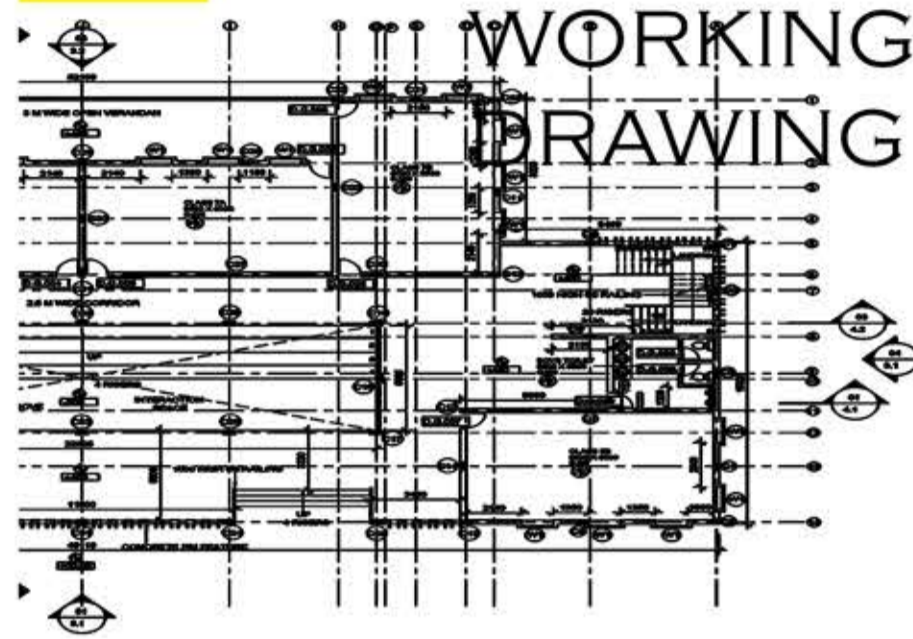
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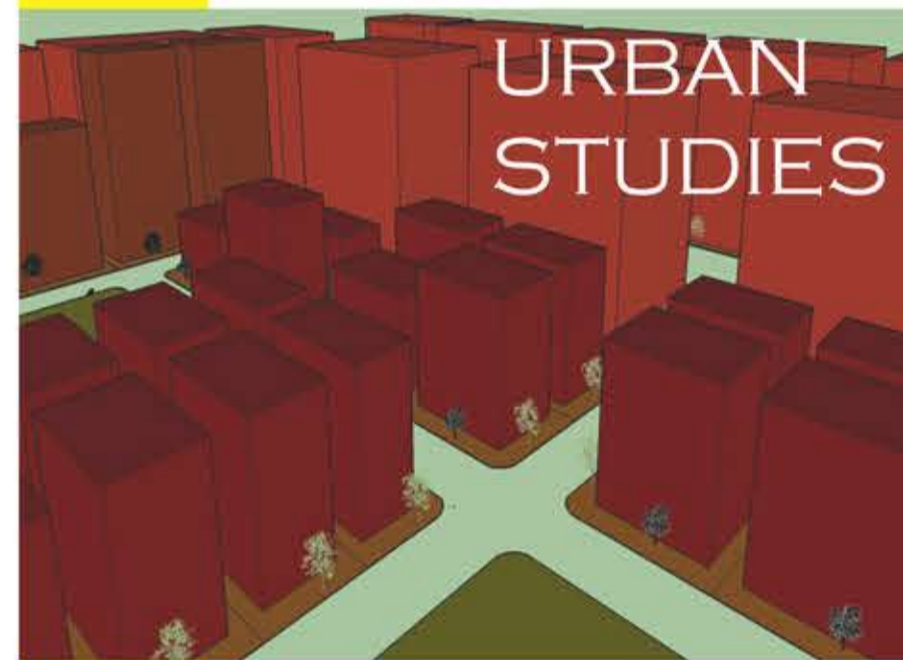
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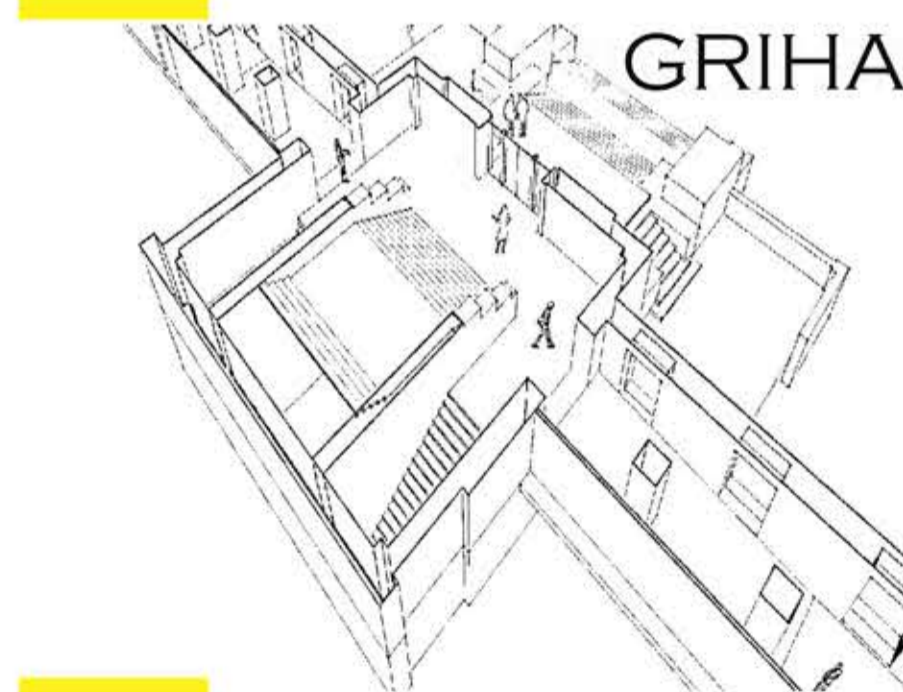
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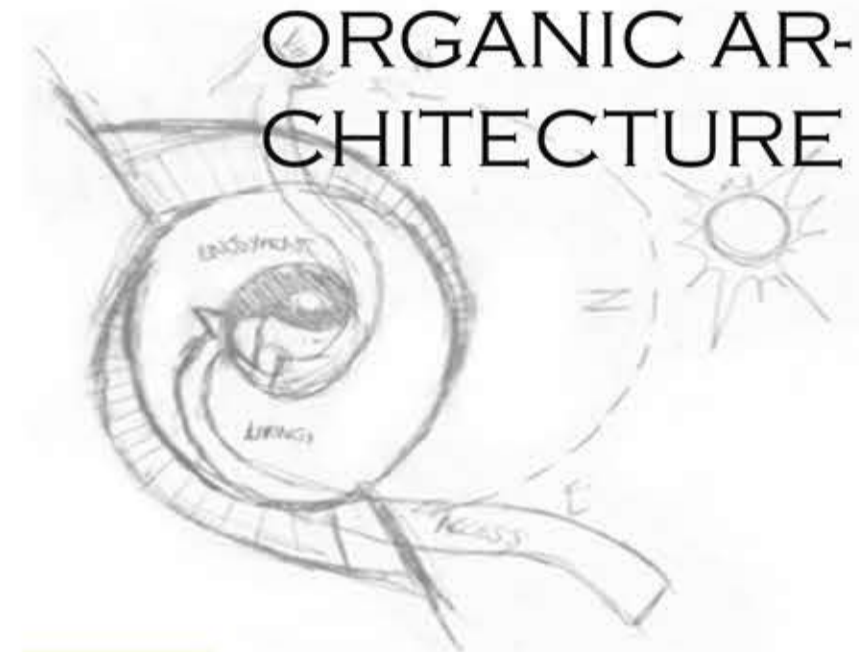
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8

## TECHNICAL

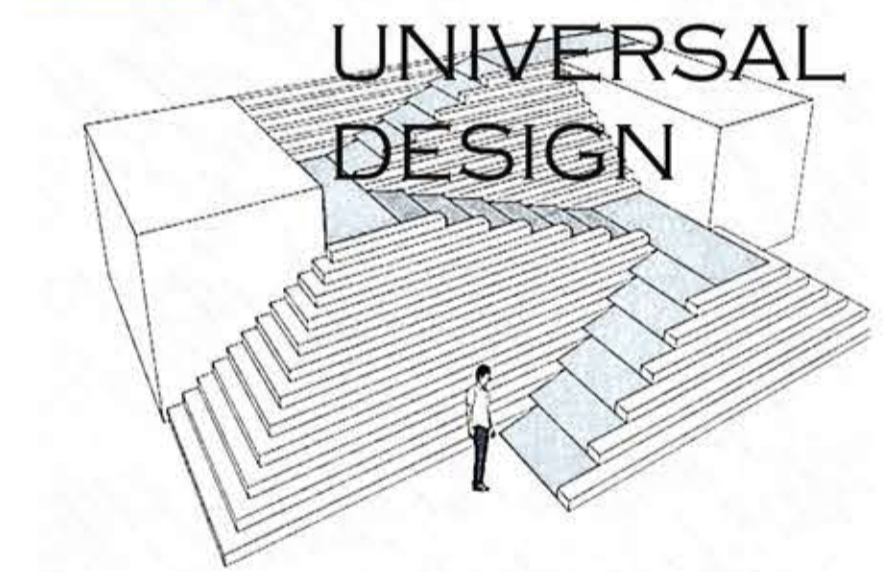
# RESEARCH / ELECTIVE



9



10



11



12

# ZILLA PARISHAD OFFICE NASIK

SEM:VIII  
DESIGN TYPE : ADMINISTRATIVE BUILDING

LOCATION: NEAR AMARDHAM, PANCHVATI NASHIK.  
APPROACH : I) FROM CBS 3.6 KM  
II) FROM NASHIK ROAD RAILWAY STATION 10 KM  
SITE AREA: 53355 SQ.M. (13.18 ACRE, 5.27 HECTRE)



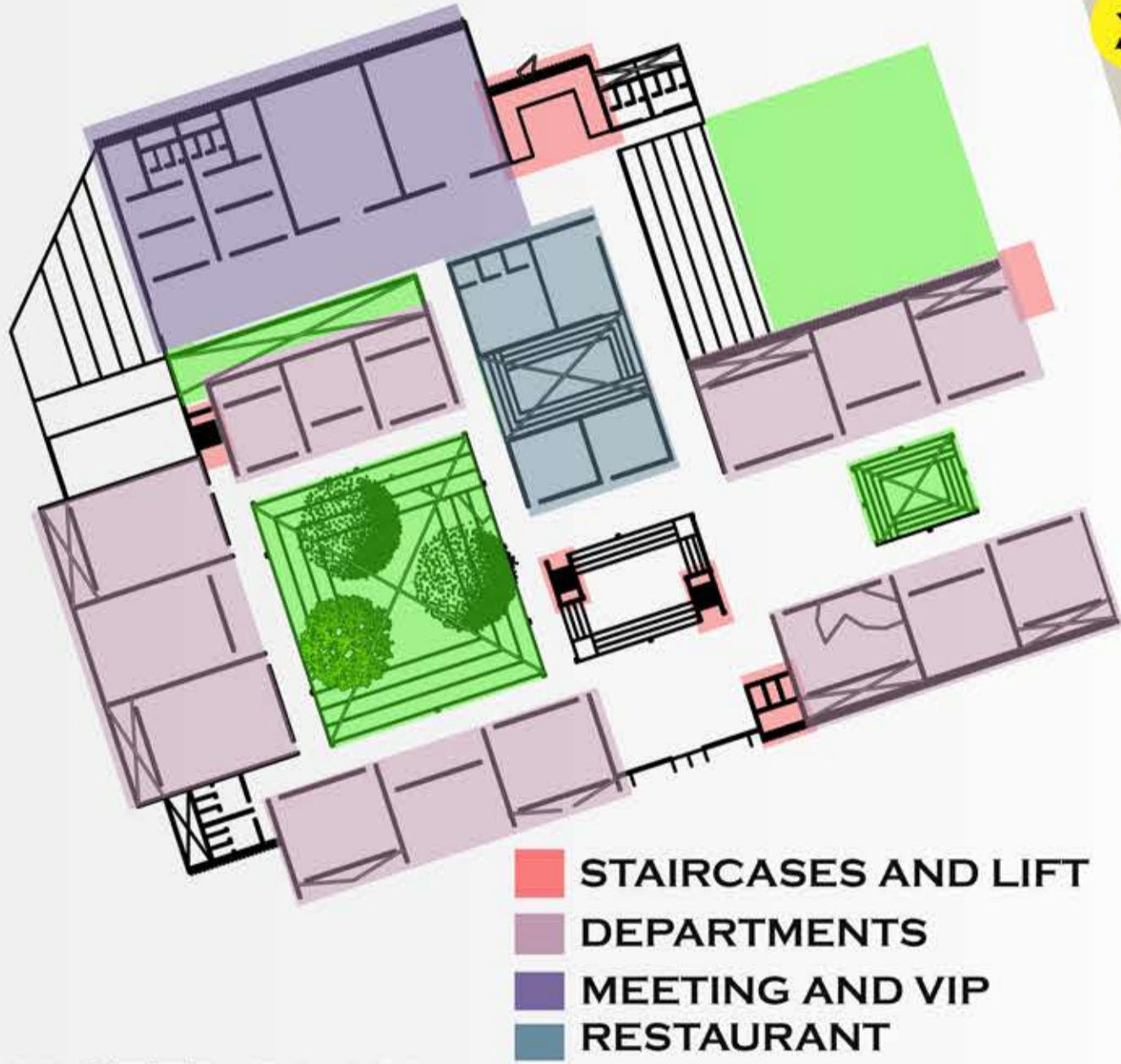
- Vehicular bridge
- Pedestrian bridge

### KEY FEATURE

STRENGTH	WEAKNESS	OPPORTUNITY	THREAT
Location of the site is major strength which perfectly connects to main roads (i.e. CBS, Karmaveer Karmaveer National Highway)	As the site is surrounded by the religious place which creates traffic on the bridge	Another axis can be proposed from the eastern side of the site	Transportation (bus stops are not near by)
There are two approach for the site one from southern side (main city) and another eastern side (national highway)	No bus stop in walking distance	Vegetation helps in creating landscape	Heavy traffic zone
Two part of the cities are connected by the bridge	Weekly market creates a chaos and small	The site connects old part and new parts of the city it gives a opportunity to develop an iconic structure (contemporary)	Flood due to excessive rain.
Hospitals, temples, vegetable markets, grocery shops are within periphery of 1 km	The river polluted so it creates bad smell	The typology of the project (Zilla Parishad) may influence the site surrounding	Eastern side have buffer zone it may hide side elevation of structure
The slope is towards the river when there is flood during rainfall site is above the water level	The site is surrounded by religious activities so it is weakness if we didn't design skilfully it may break a skyline of nasik	Typology creates a self importance for the location	River gets polluted due to religious activities and other domestic activities
Riverfront view		Riverfront development	The depth of river is low so it creates problem during heavy rainfall
Prime location due to presence of river and Gangapghat		Existing trees	

RELIGIOUS ACTIVITIES  
THE HISTORY OF ARCHITECTURE IS CONCERNED MORE WITH RELIGIOUS BUILDINGS THAN WITH ANY OTHER TYPE TEMPLE ARE THE MOST EXPRESSIVE, THE MOST PERMANENT, AND THE MOST INFLUENTIAL BUILDING IN ANY COMMUNITY.

## ZONNING



## MASTER PLAN

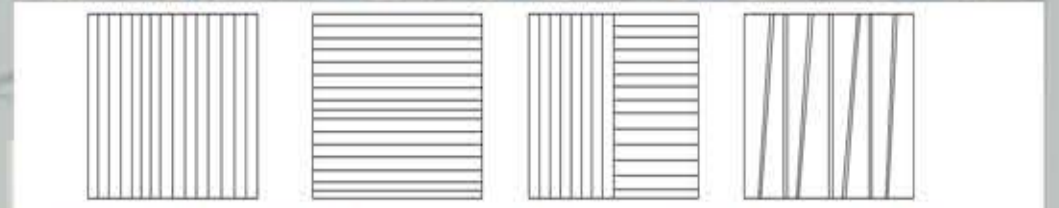


## CONCEPT

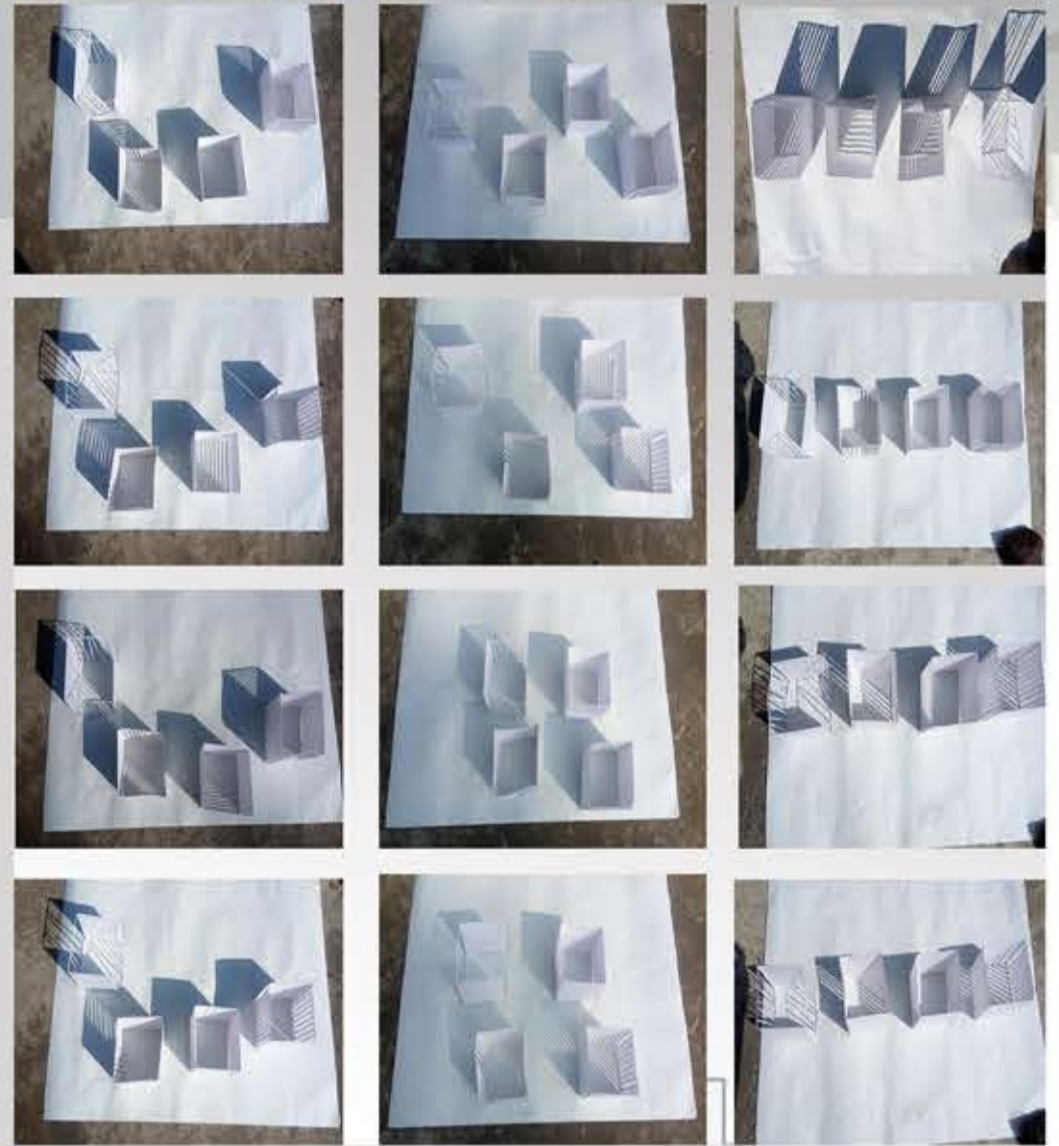
### SKIN

MUCH LIKE PLANTS, PEOPLE, OR OTHER LIVING THINGS, THE SKIN OF A BUILDING IS THAT SURFACE WHICH INTERACTS WITH THE WORLD AT LARGE. THE SKIN HAS A RESPONSIBILITY TO PROTECT THE CONTENTS, MUCH LIKE OUR SKIN PROTECTS US. IT ALSO MAKES A STATEMENT TO THE GREATER WORLD ABOUT THE BUILDING. A STATEMENT THAT CONNECTS THE FORM AND FUNCTION OF THE BUILDING: IT MIGHT CONCEAL AND CAMOUFLAGE, IT MIGHT FLAUNT, STRUT, POSE AND PARADE.

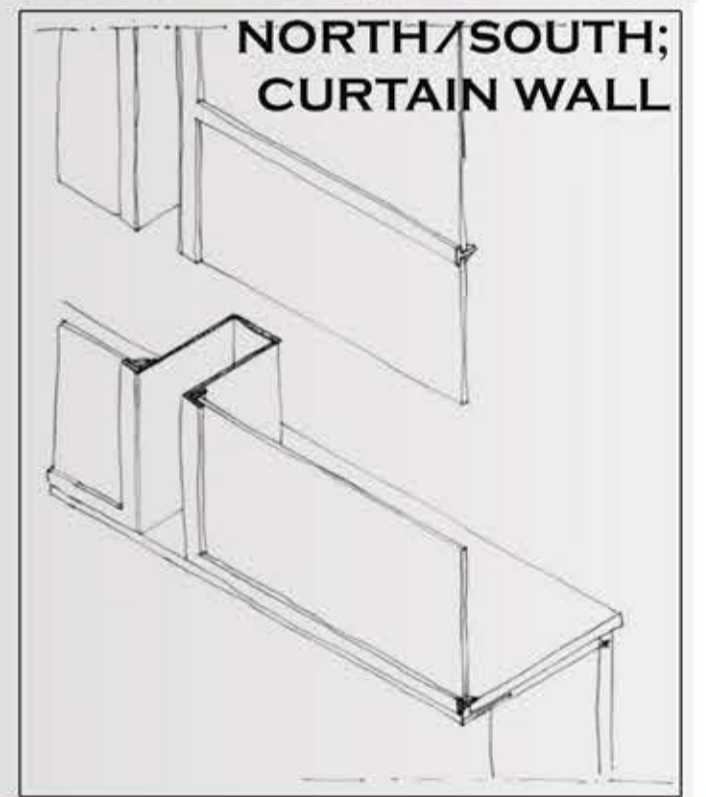
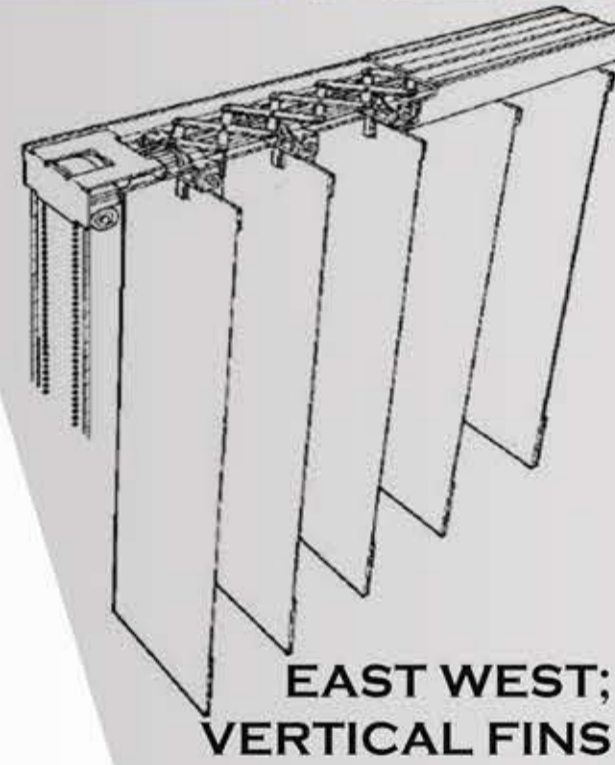
### PROCESS AND MODEL APPLICATION



### PLAYING WITH THE PATTERNS

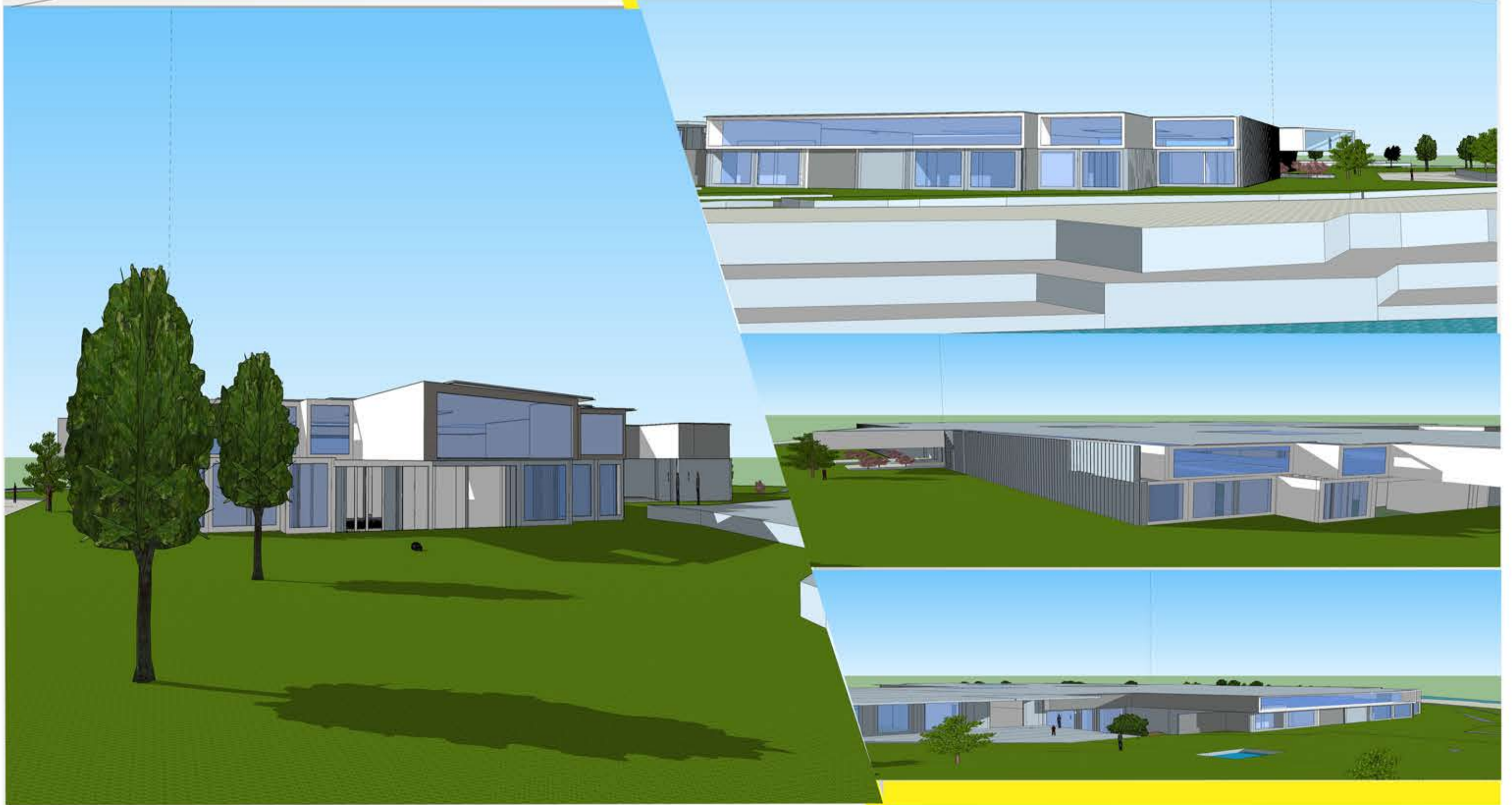


- 1 EXPERIMENTATION WITH PATTERNS
- 2 PHOTOGRAPHIC DOCUMENTATION WITH 3 TIMES IN DIFFERENT DIRECTION
- 3 AT 9 AM, 1 PM, 5 PM, TO OBSERVE THE LIGHT QUALITY
- 4 IN FOUR DIRECTIONS NORTH, SOUTH, EAST, WEST
- 5 AIM TO ACHIEVE WHICH PATTERN HAVE DAYLIGHT CONTROL AND INSULATION



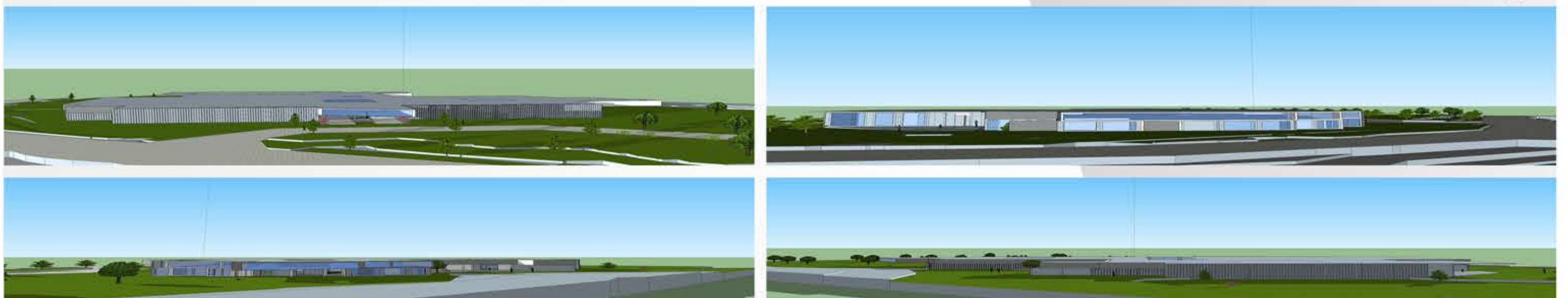
# ZILLA PARISHAD OFFICE NASIK

SEM:VIII  
DESIGN TYPE : ADMINISTRATIVE BUILDING



SECTION AA

SECTION BB



2

# MEMORIAL A.P.J. ABDUL KALAM

SEM:VIII  
DESIGN TYPE : MEMORIAL BUILDING

LOCATION GANAPUR ROAD  
JJAMNER NASIK  
AREA ; 200 SQMT

### CONCEPT

MY DESIGN RESEMBLES THE OLD HOUSE OF A.P.J. ABDUL KALAM SLOPING ROOF,LOCAL MATERIALS,VERNACULAR ARCHITECTURE



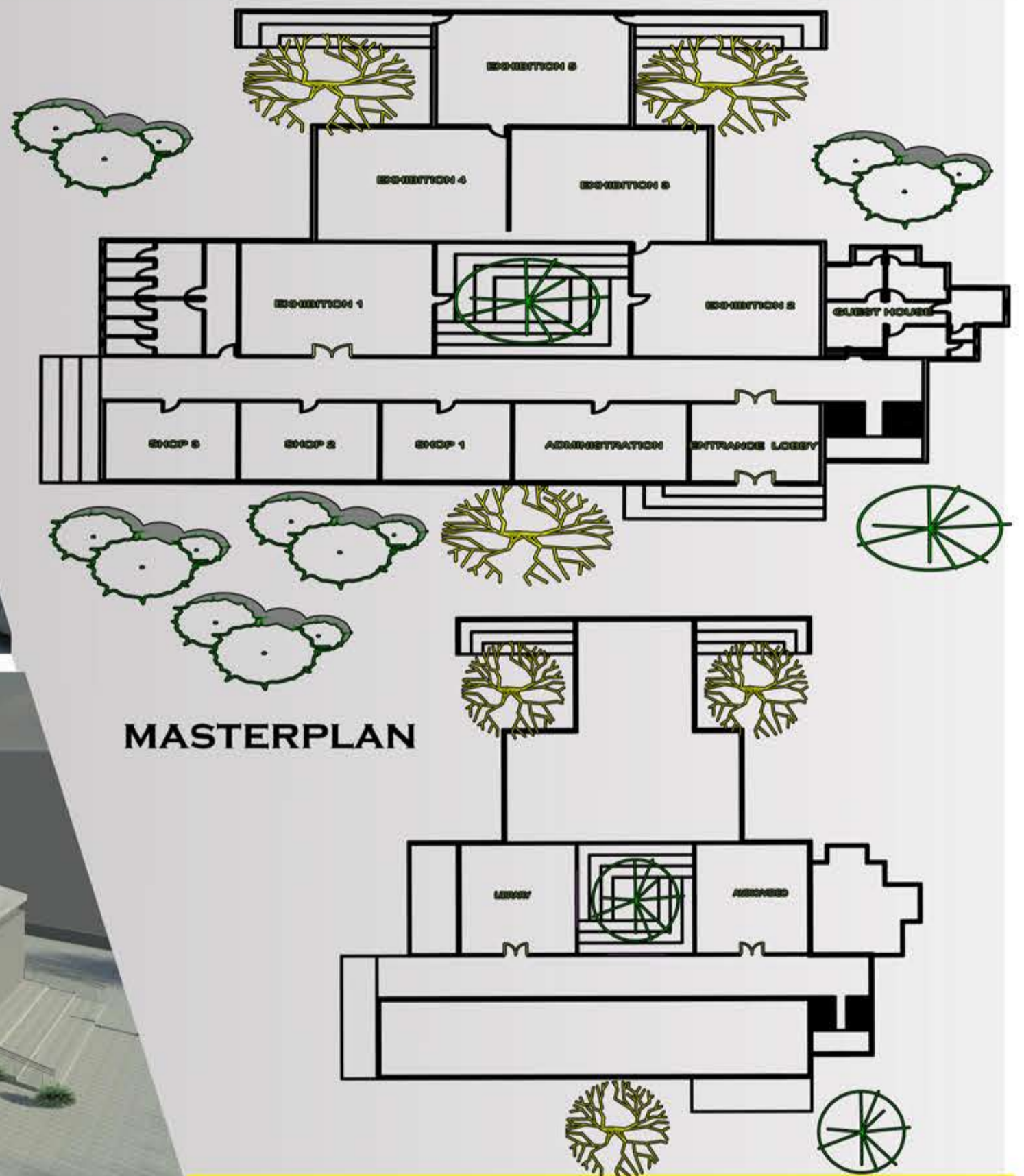
EASTSIDE ELEVATION



SOUTHSIDE ELEVATION



NORTHSIDE ELEVATION



3

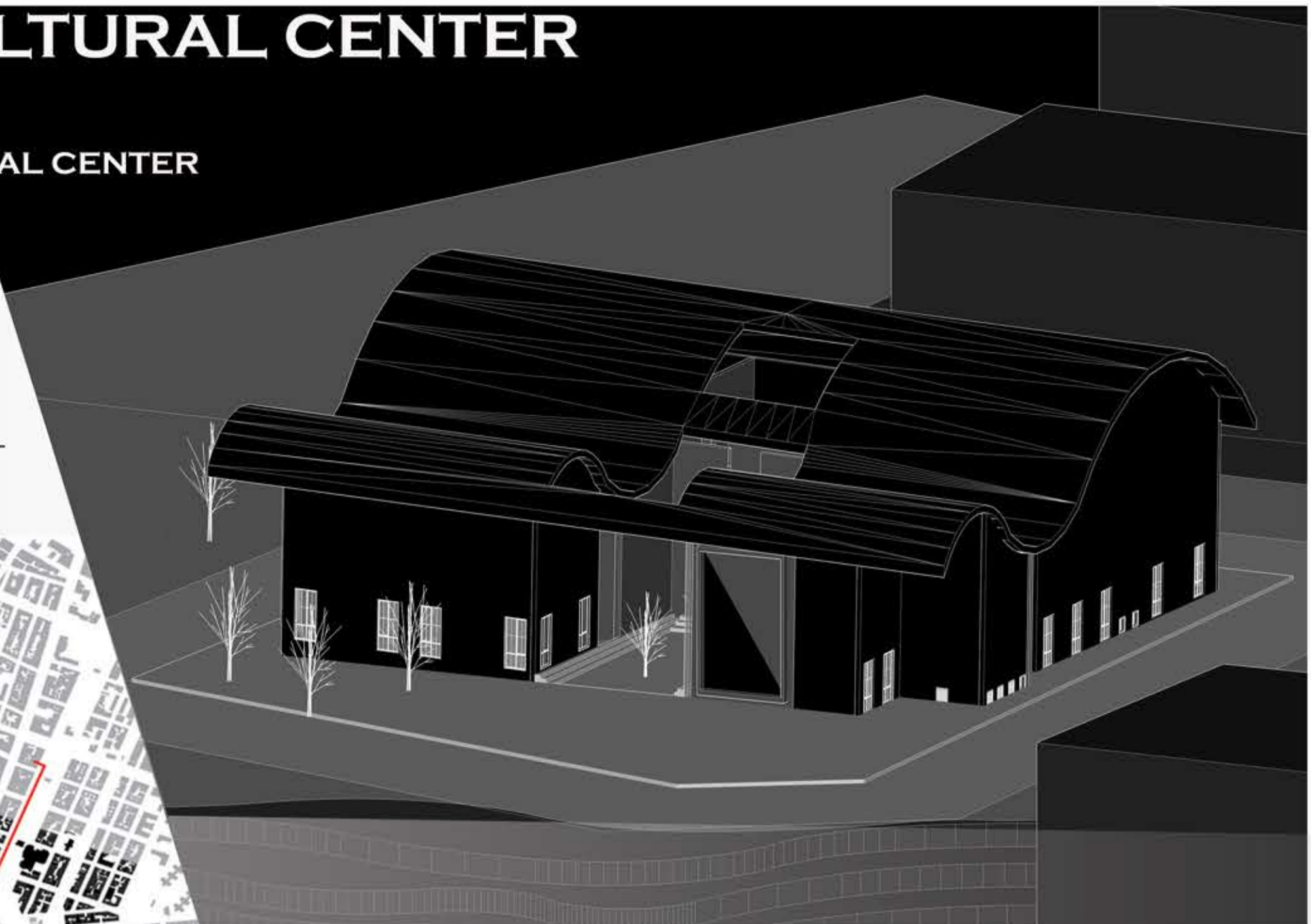
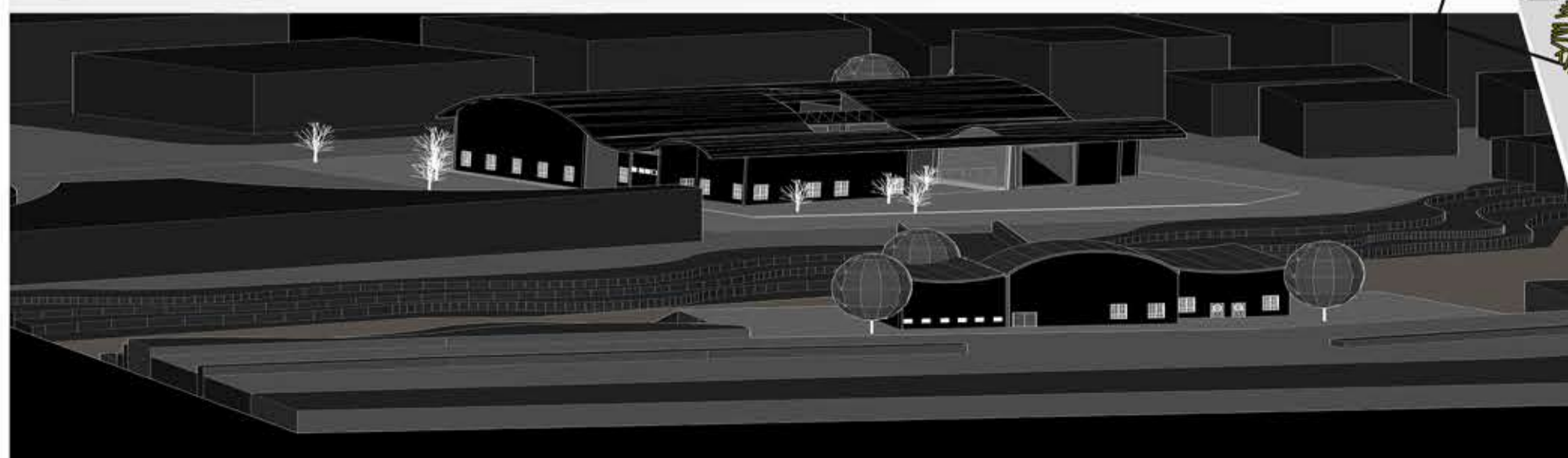
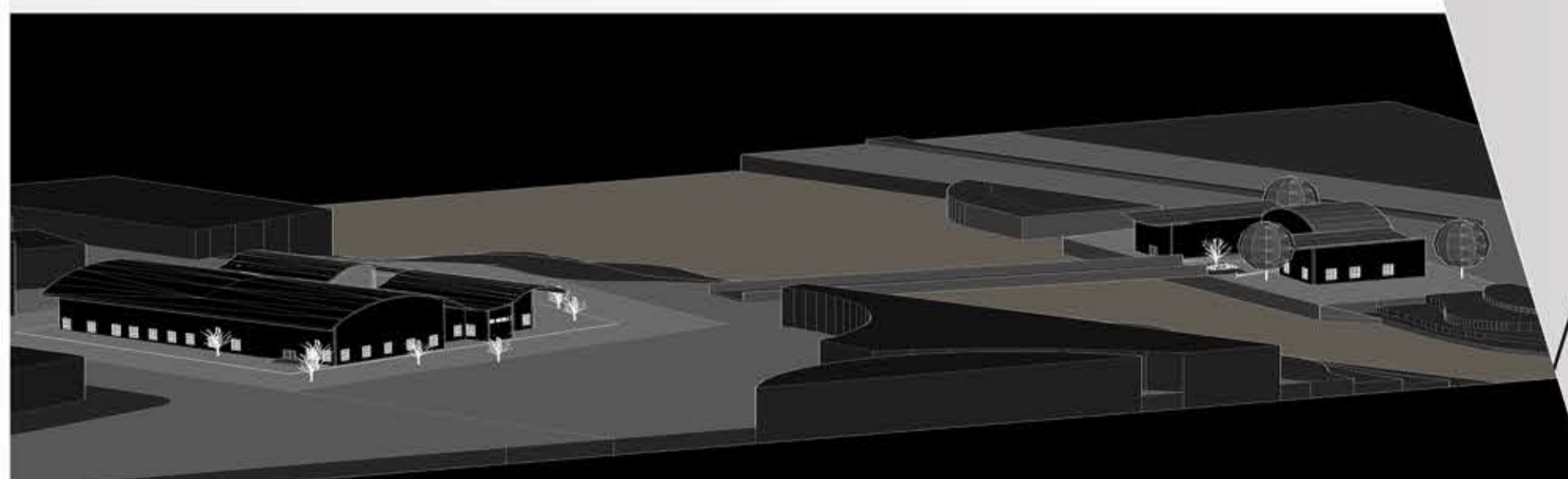
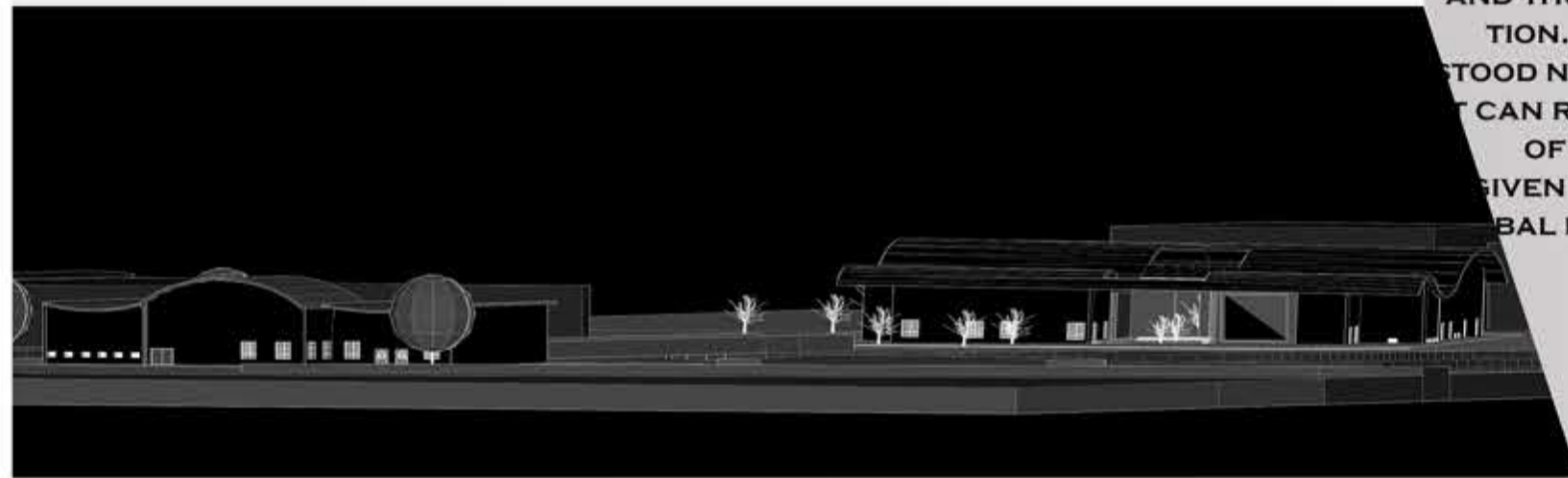
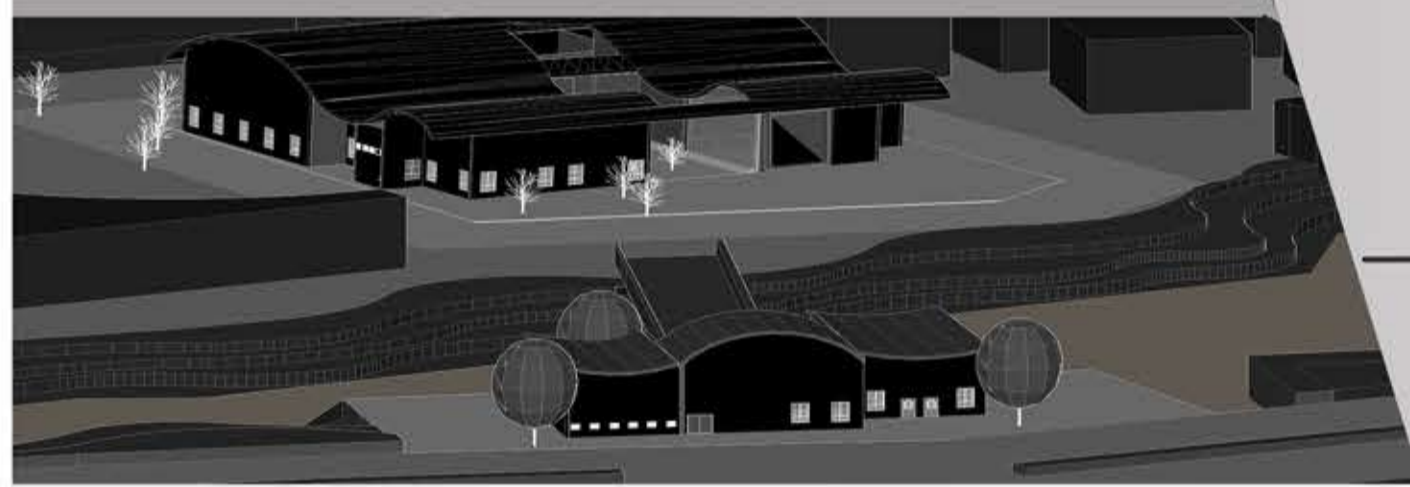
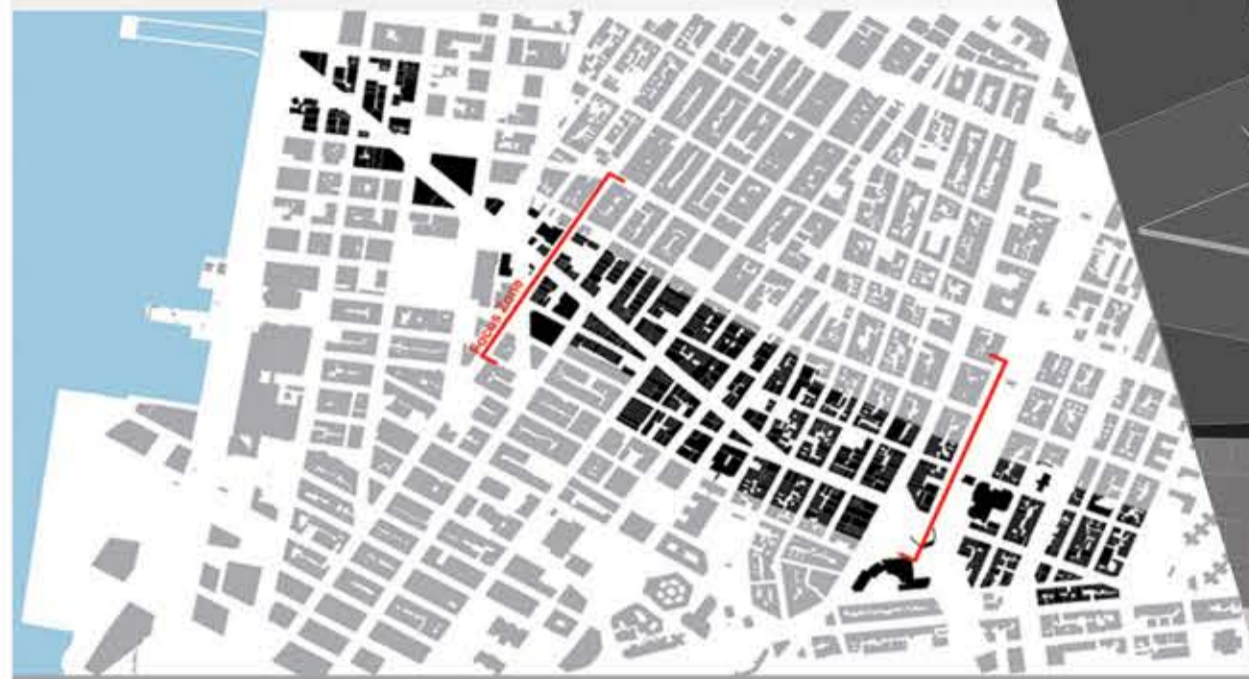
# INDORE CULTURAL CENTER

SEM:VI  
DESIGN TOPIC: INDORE CULTURAL CENTER

LOCATION :INDORE  
AREA ; 34000 SQMT

## CONCEPT

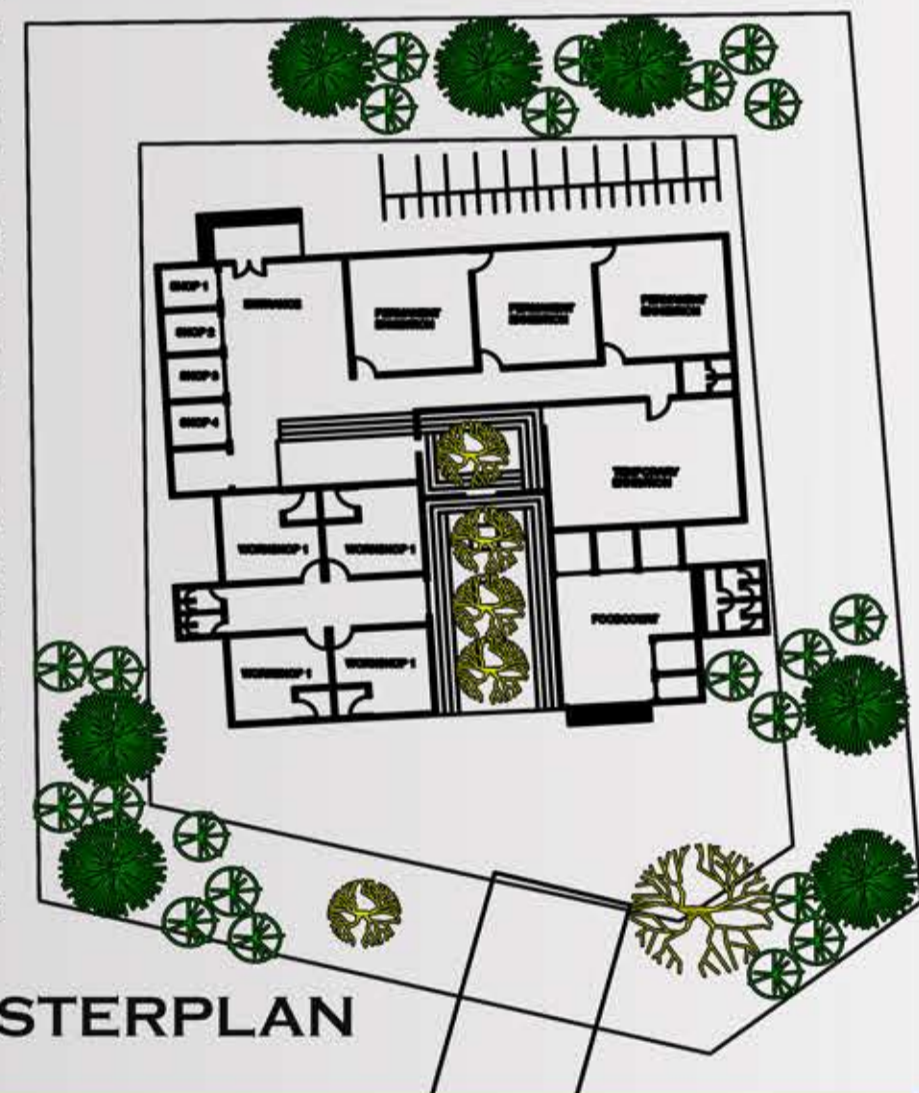
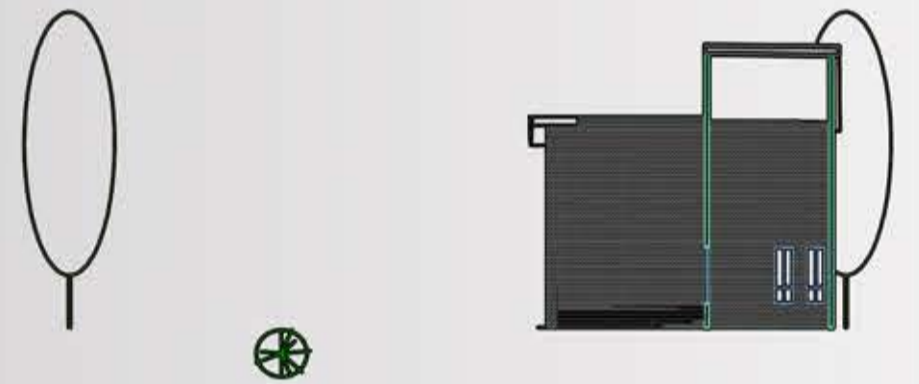
THE CONCEPT IS THE OLD STREET PLANNING IN INODRE ,THE OLD CHAJJA JHAROKHAS THE LOCAL MATERIALS,CURVES RESEMBLES THE RIVER



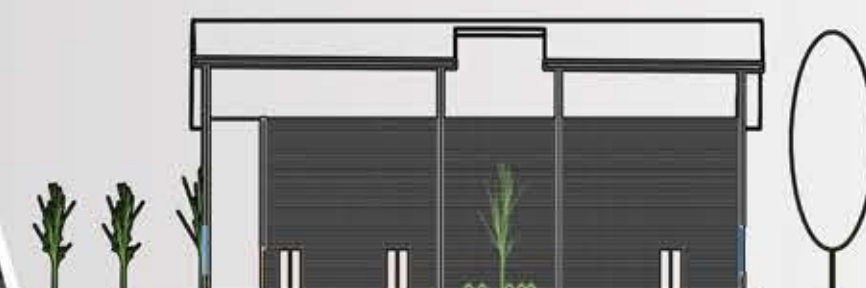
SECTION AA

VERNACULAR ARCHITECTURE ENCOMPASSES THE VAST MAJORITY OF THE WORLD'S BUILT ENVIRONMENT, AND THUS RESISTS A SIMPLE DEFINITION. IT IS PERHAPS BEST UNDERSTOOD NOT BY WHAT IT IS, BUT WHAT IT CAN REVEAL ABOUT THE CULTURE OF A PEOPLE OR PLACE AT ANY GIVEN TIME. THE SHEER RANGE OF LOCAL BUILDING TYPES AND DEVELOPMENTS

VERNACULAR ARCHITECTURE CAN BE CONTRASTED AGAINST ELITE OR POLITE ARCHITECTURE WHICH IS CHARACTERIZED BY STYLISTIC ELEMENTS OF DESIGN INTENTIONALLY INCORPORATED FOR AESTHETIC PURPOSES WHICH GO BEYOND A BUILDING'S FUNCTIONAL REQUIREMENTS



MASTERPLAN



SECTION BB

# 4

## RESIDENCE

SEM:IV  
DESIGN TYPE : RESIDENTIAL BUILDING

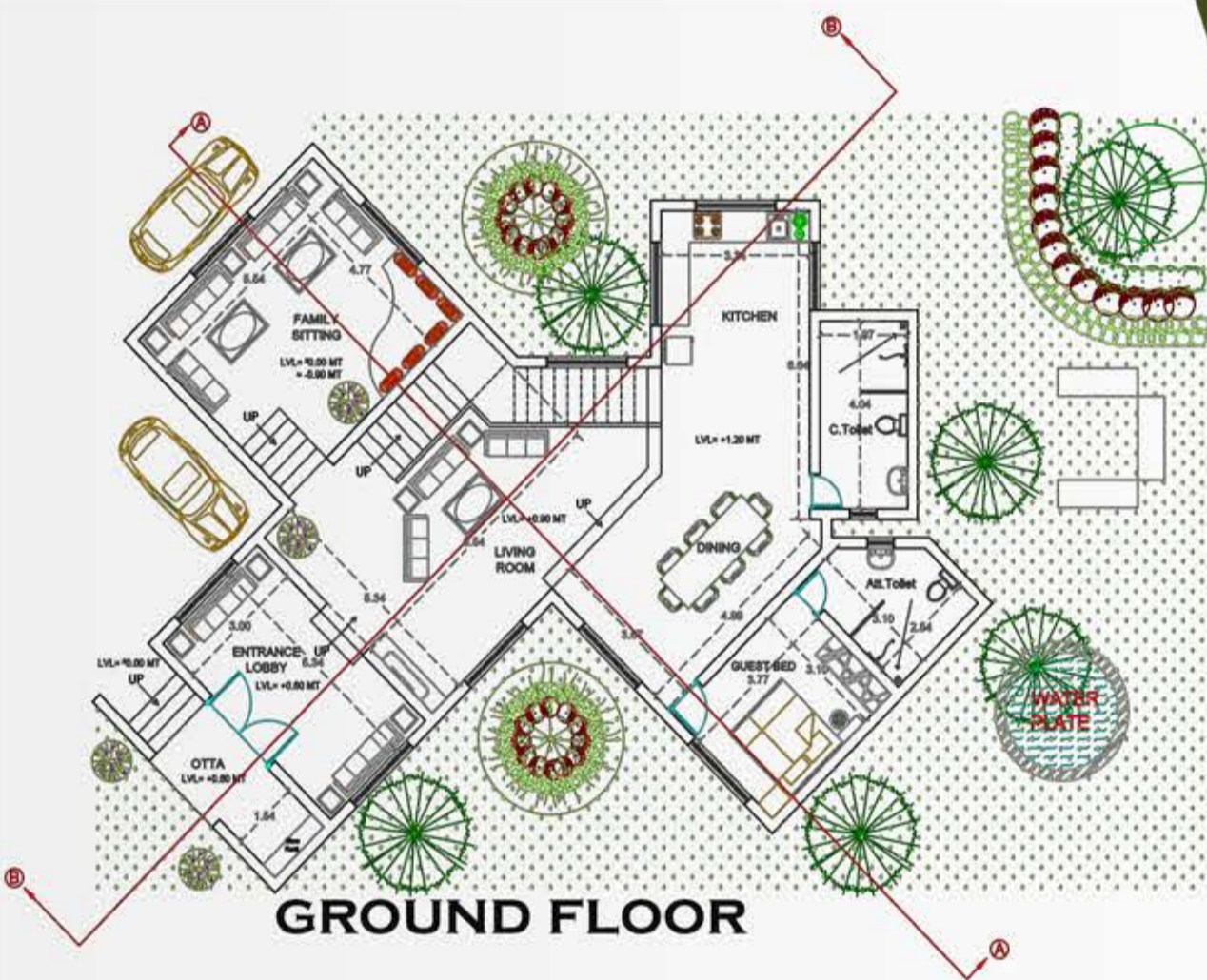
LOCATION::MAHAMTMA NAGAR  
NASIK

USER : RESIDENCE FOR A  
TEACHER

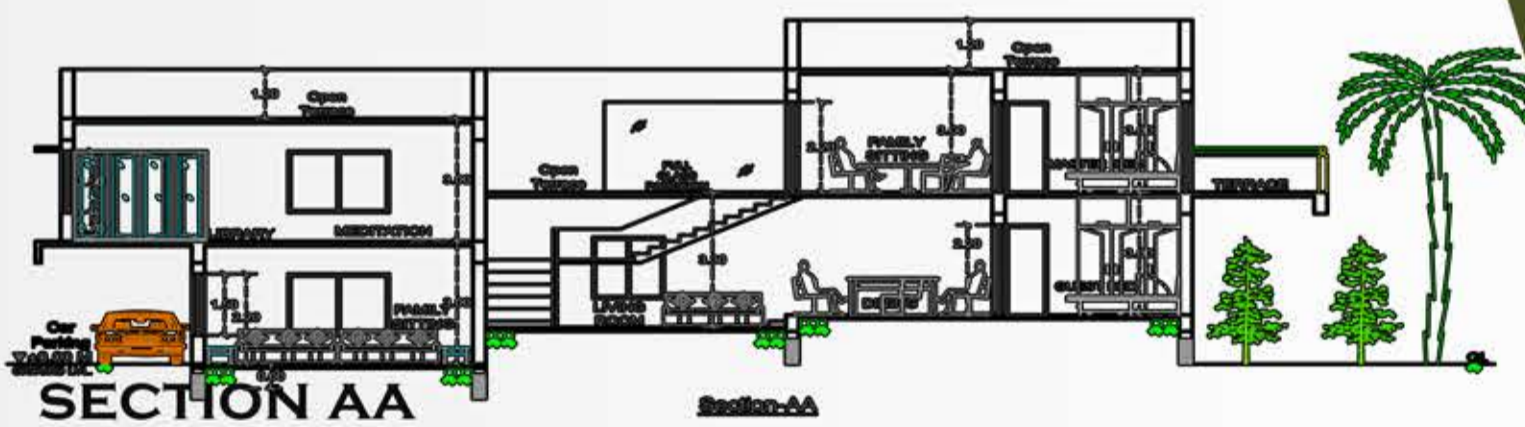
AREA : 1500SQMT

### CONCEPT

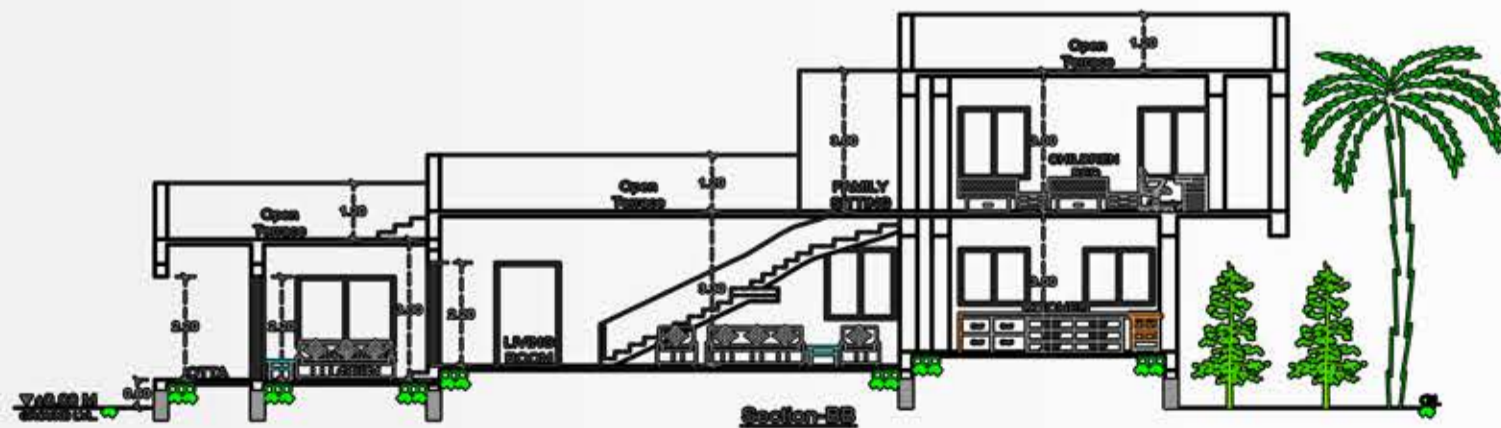
FORM EVER FOLLOWS FUNCTION  
WHERE FUNCTION DOES NOT CHANGE, FORM  
DOES NOT CHANGE...IT IS THE PERVADING  
LAW OF ALL THINGS ORGANIC AND INORGAN-  
IC, OF ALL THINGS PHYSICAL AND METAPHYSI-  
CAL, OF ALL THINGS HUMAN AND ALL THINGS  
SUPERHUMAN, OF ALL TRUE MANIFESTATIONS  
OF THE HEAD, OF THE HEART, OF THE SOUL,  
THAT THE LIFE IS RECOGNIZABLE IN ITS EX-  
PRESSION



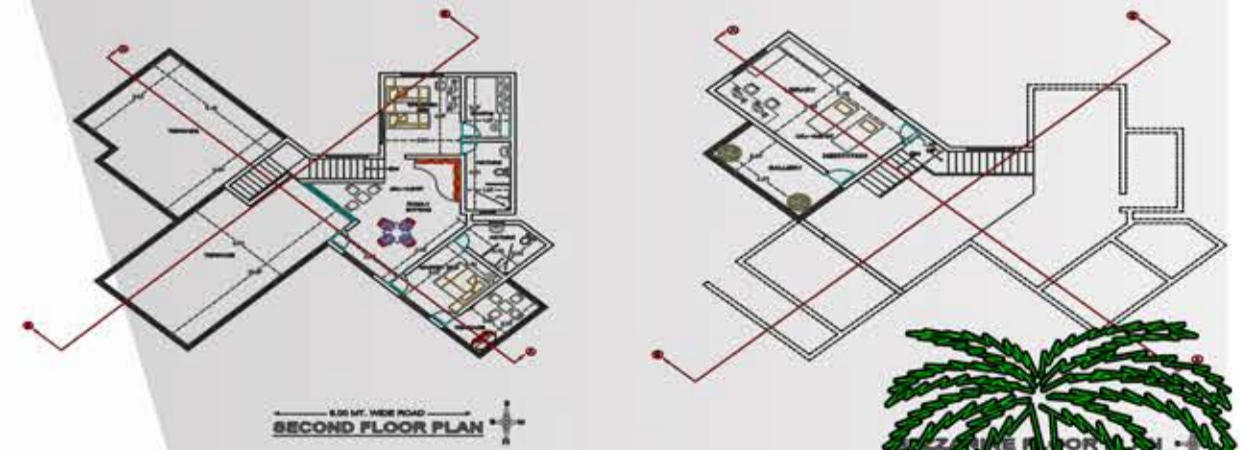
GROUND FLOOR



SECTION AA

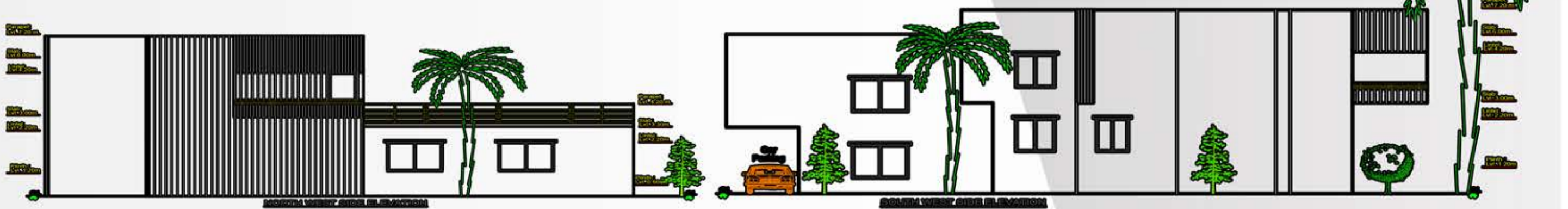


SECTION BB



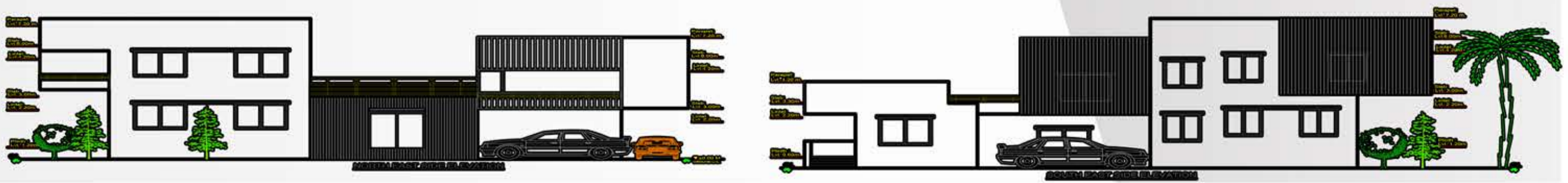
SECOND FLOOR PLAN

THIRD FLOOR PLAN



WEST ELEVATION

EAST ELEVATION

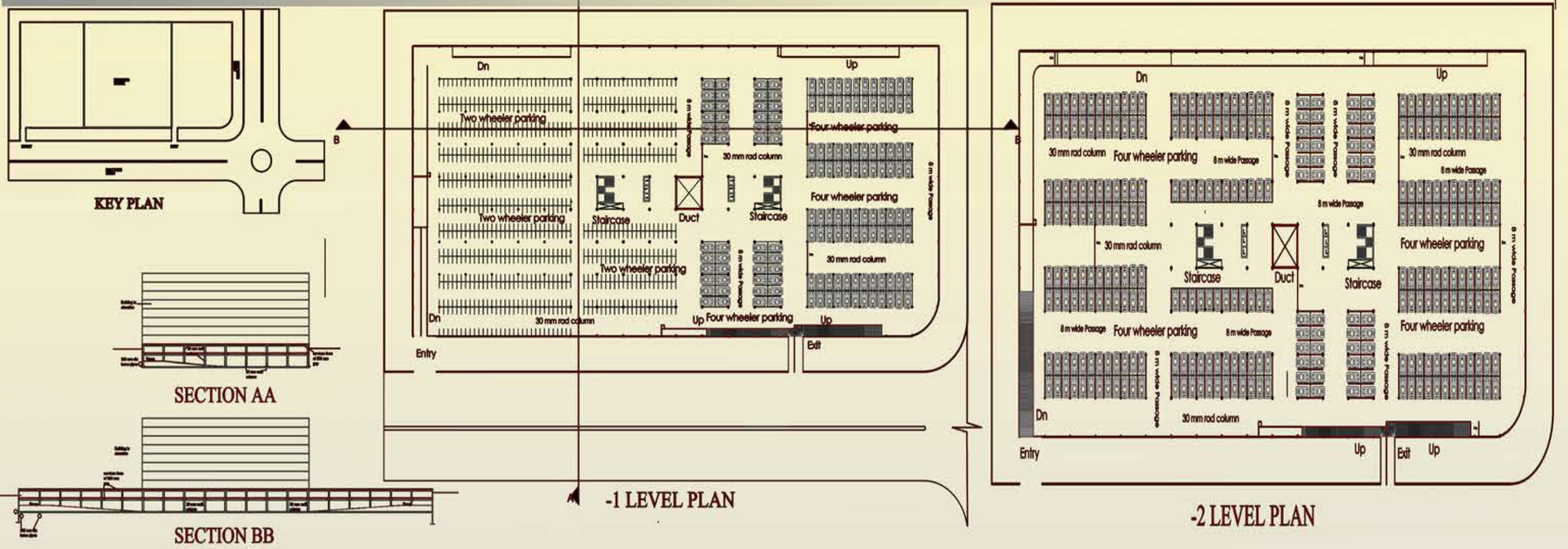


FRONT ELEVATION

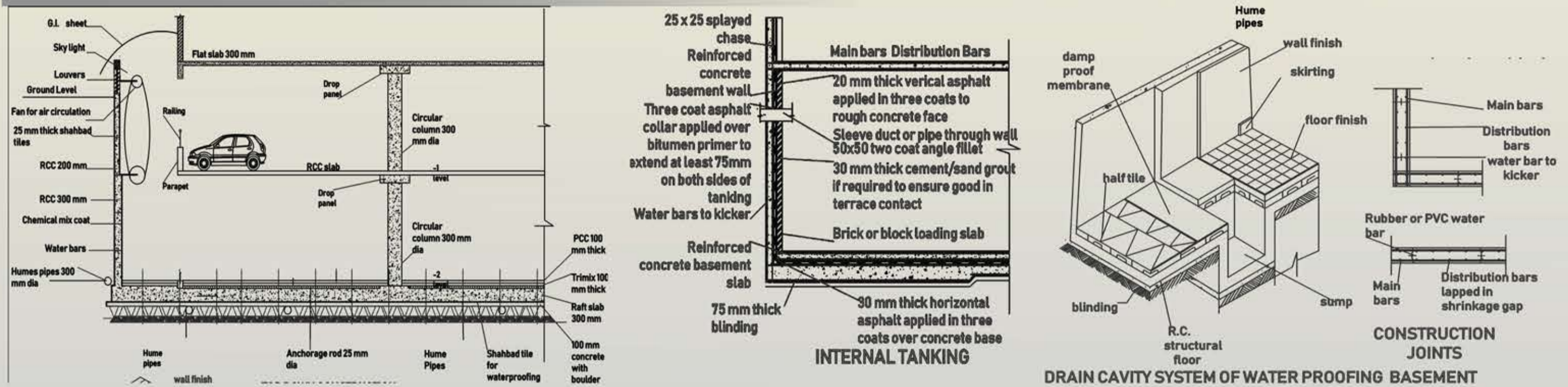
REAR ELEVATION



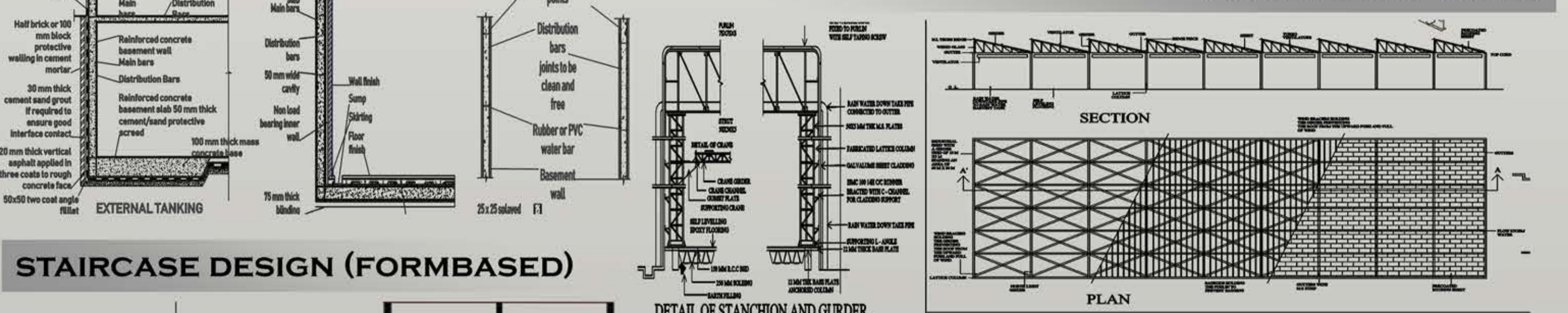
### BASEMENT CONSTRUCTION



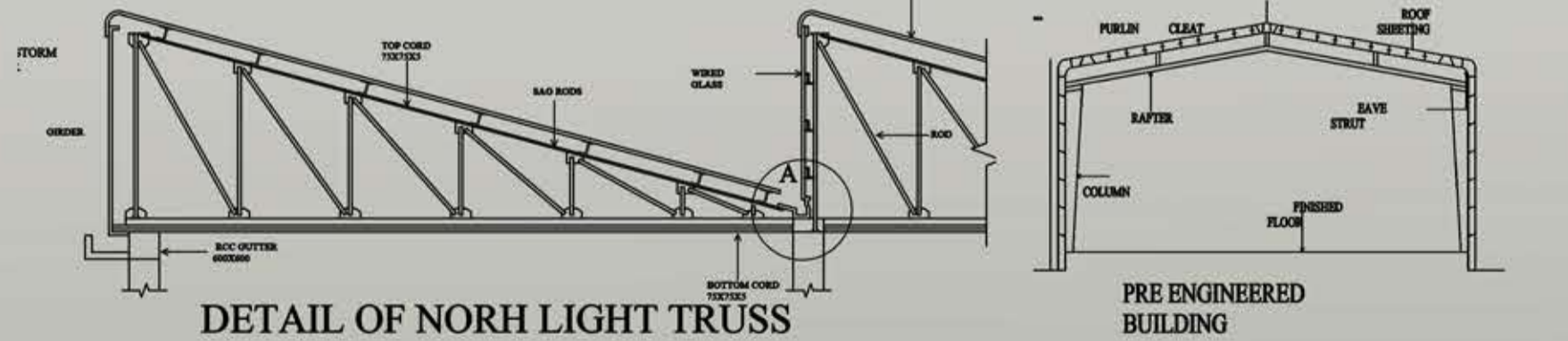
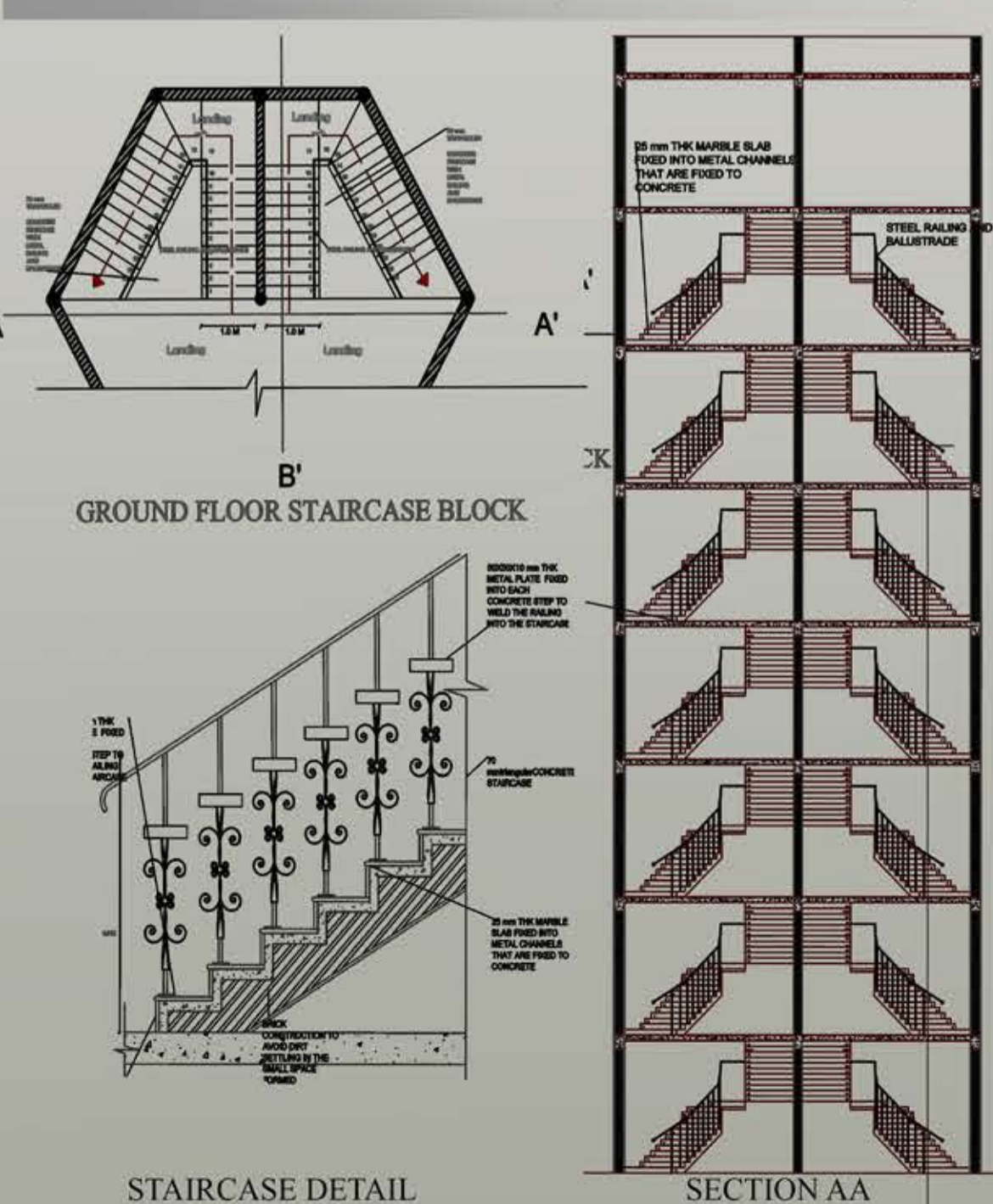
### TANKING DETAILS DOUBLE BASEMENT



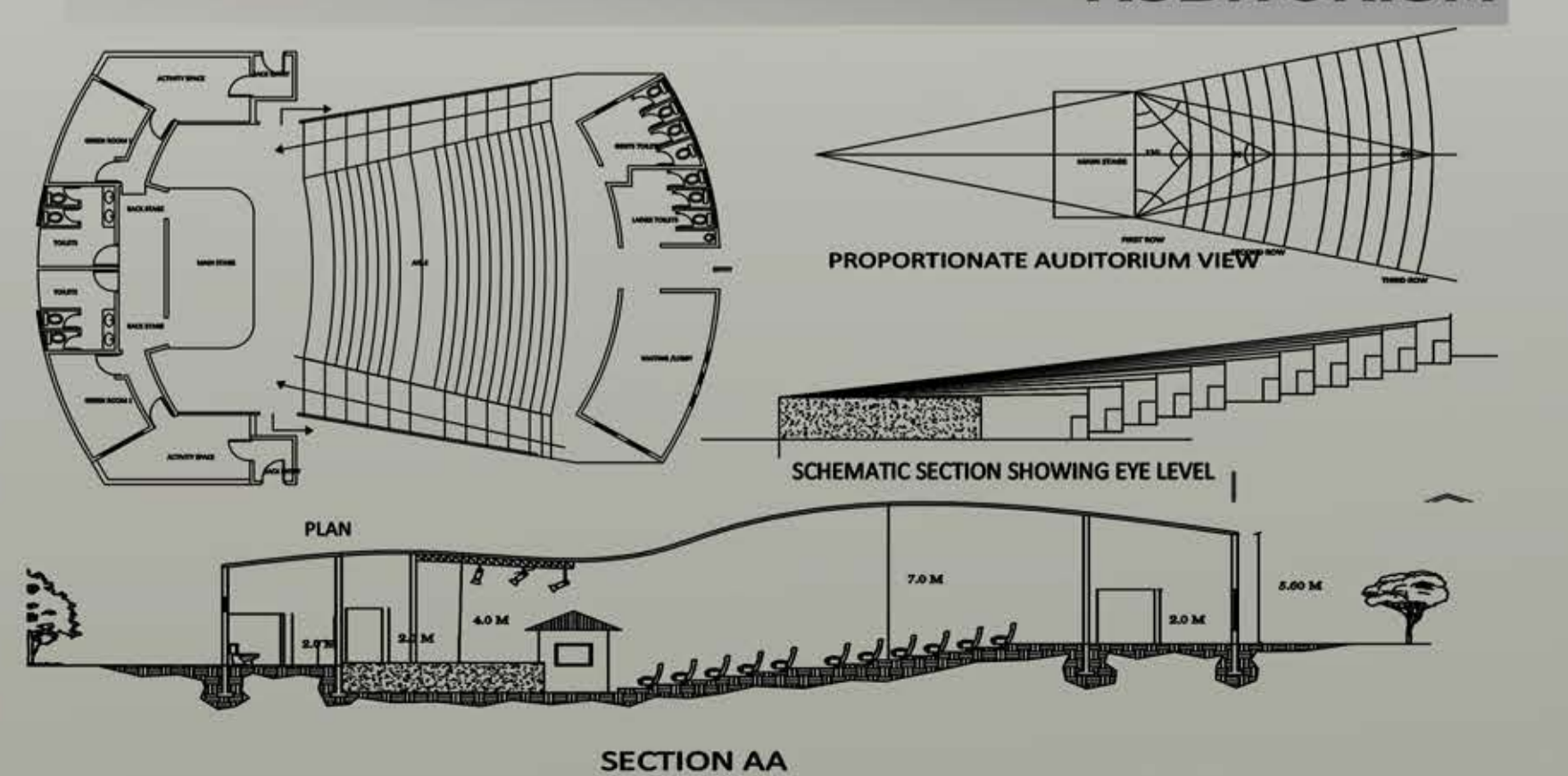
### NORTH LIGHT TRUSS



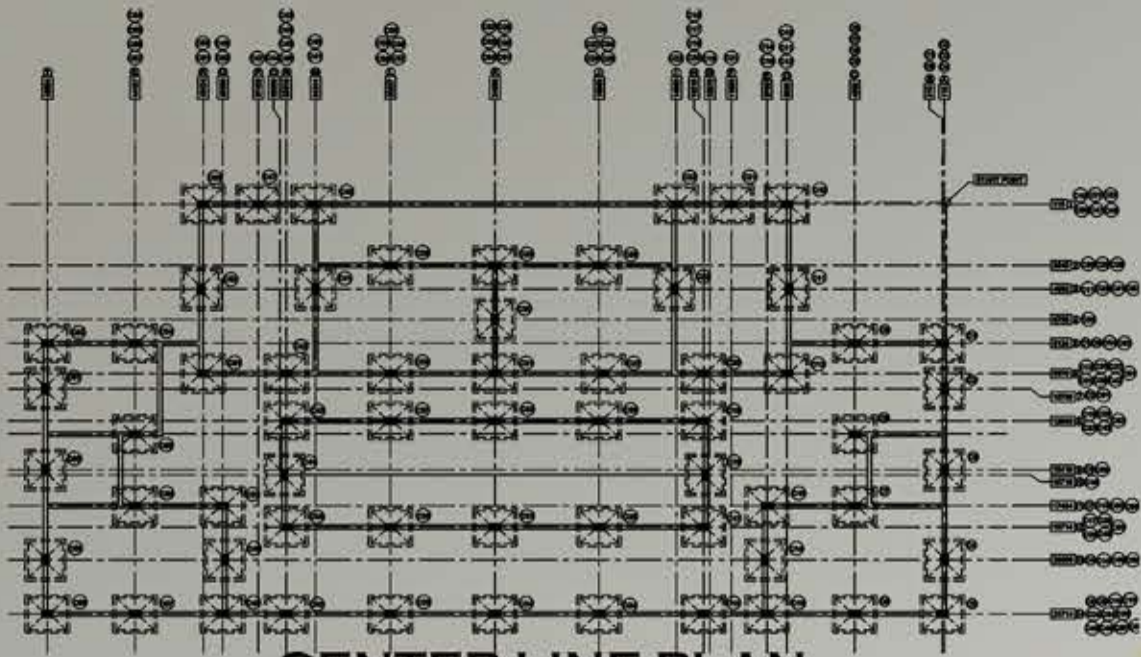
### STAIRCASE DESIGN (FORMBASED)



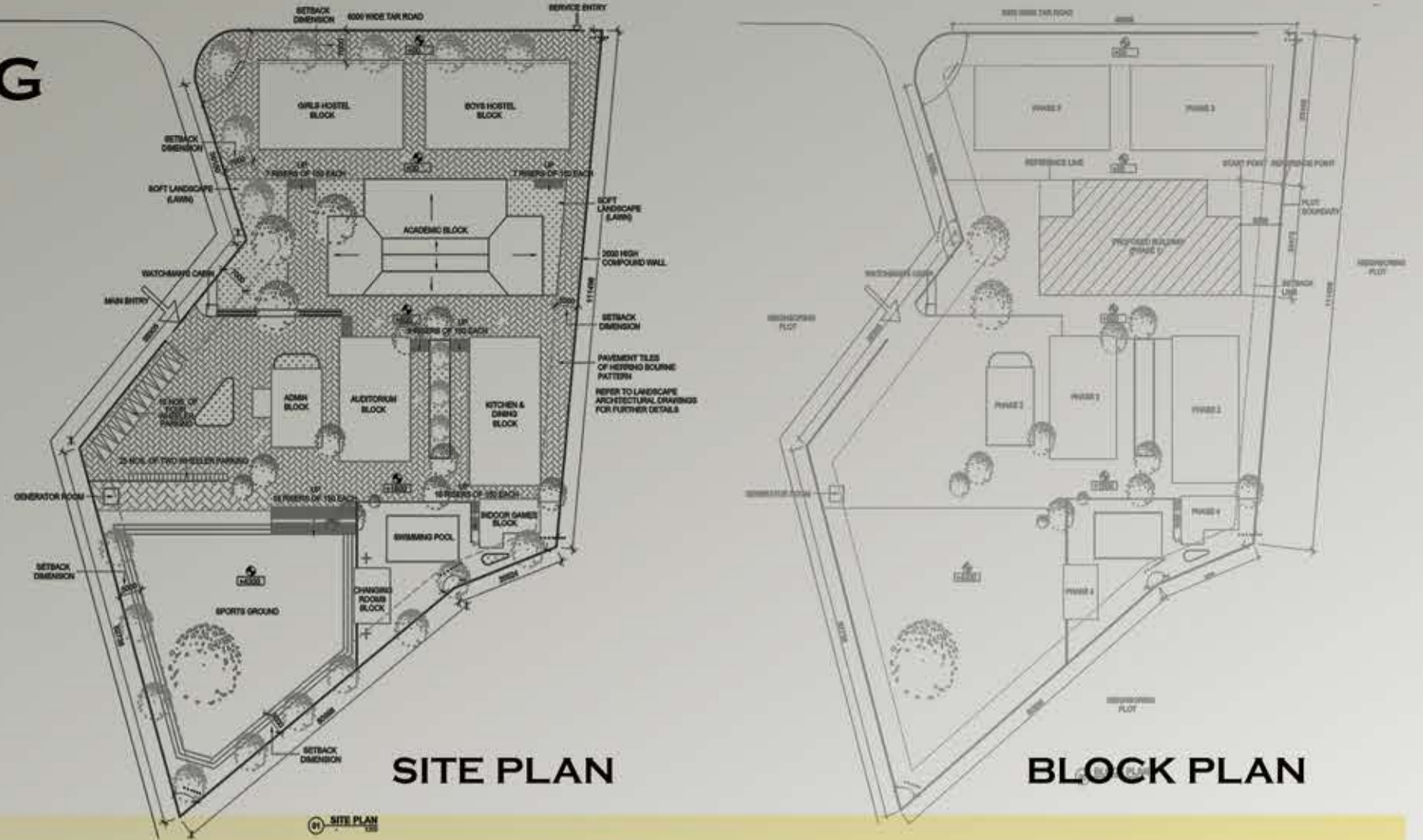
### AUDITORIUM



PROJECT : PREPRIMARY SCHOOL  
AREA:6000SQMT  
SEM :VII

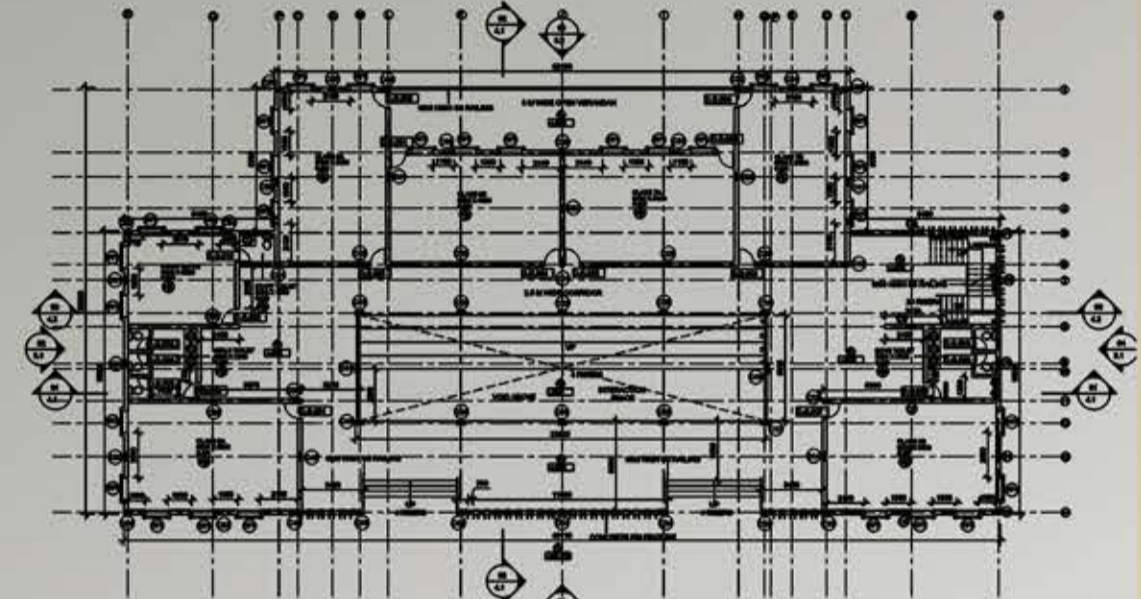


CENTER LINE PLAN

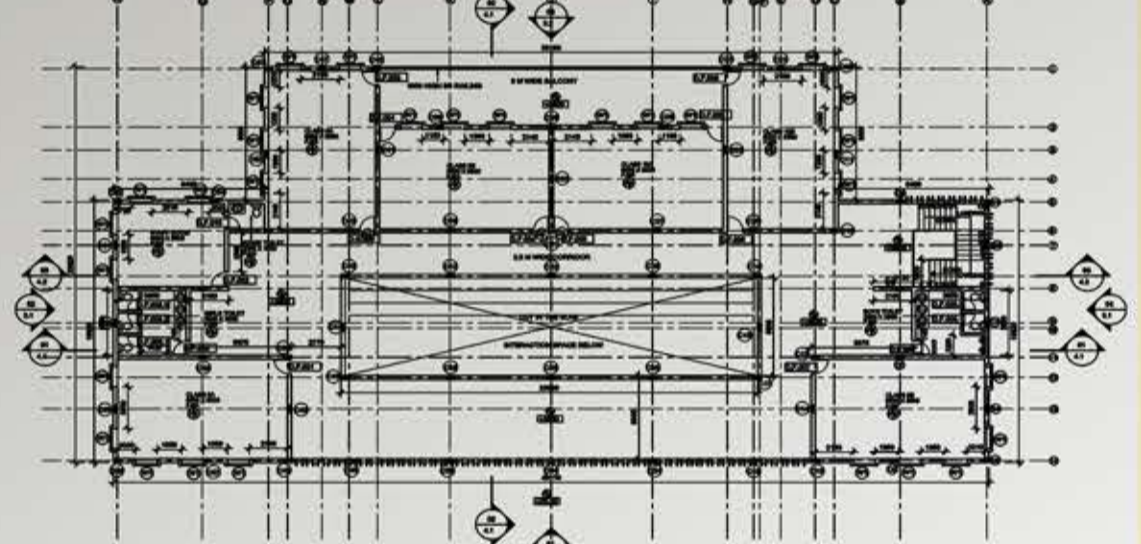


SITE PLAN

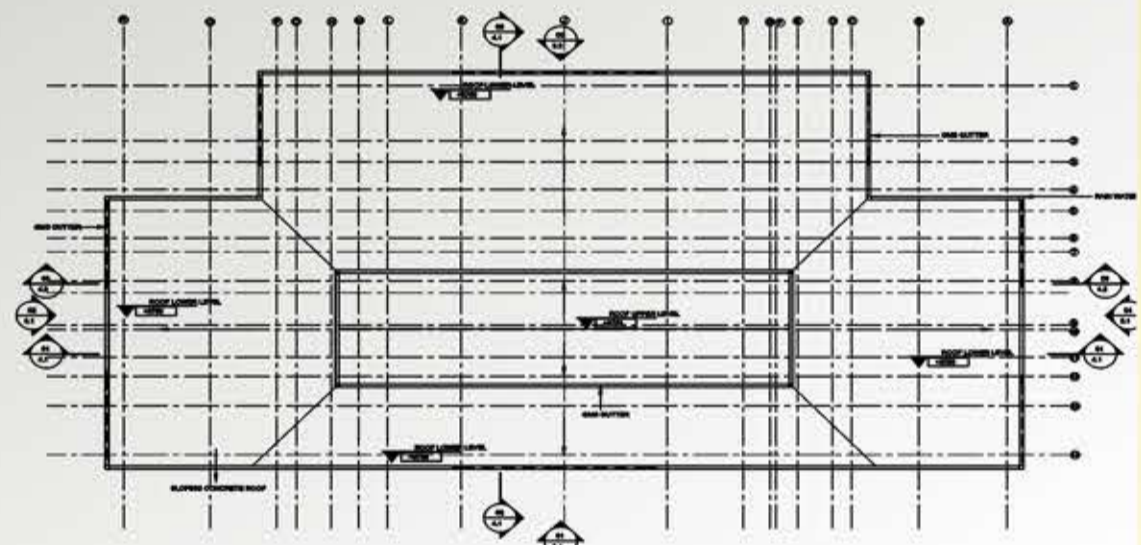
BLOCK PLAN



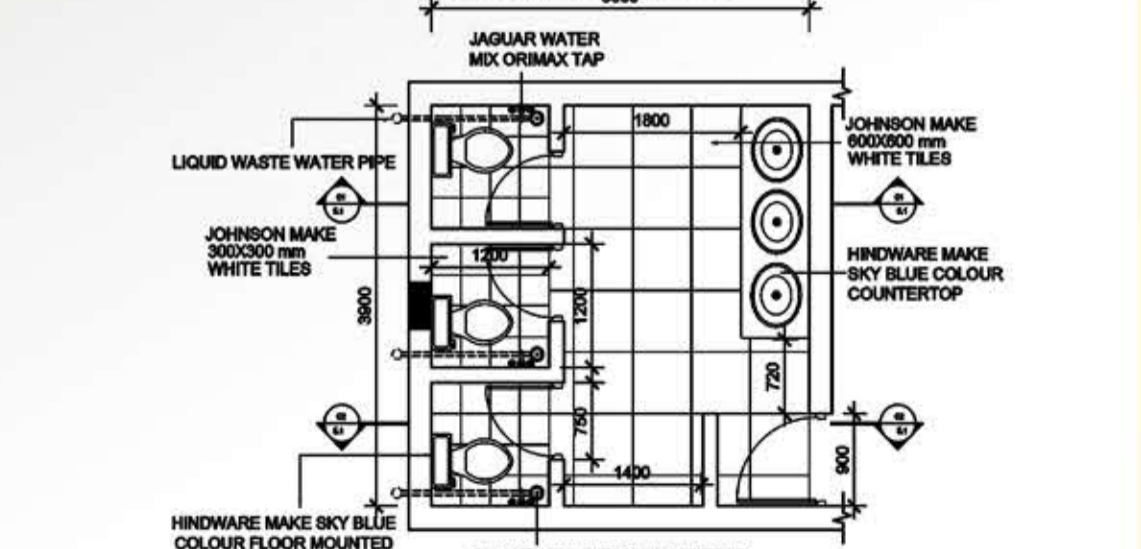
GROUND FLOOR PLAN



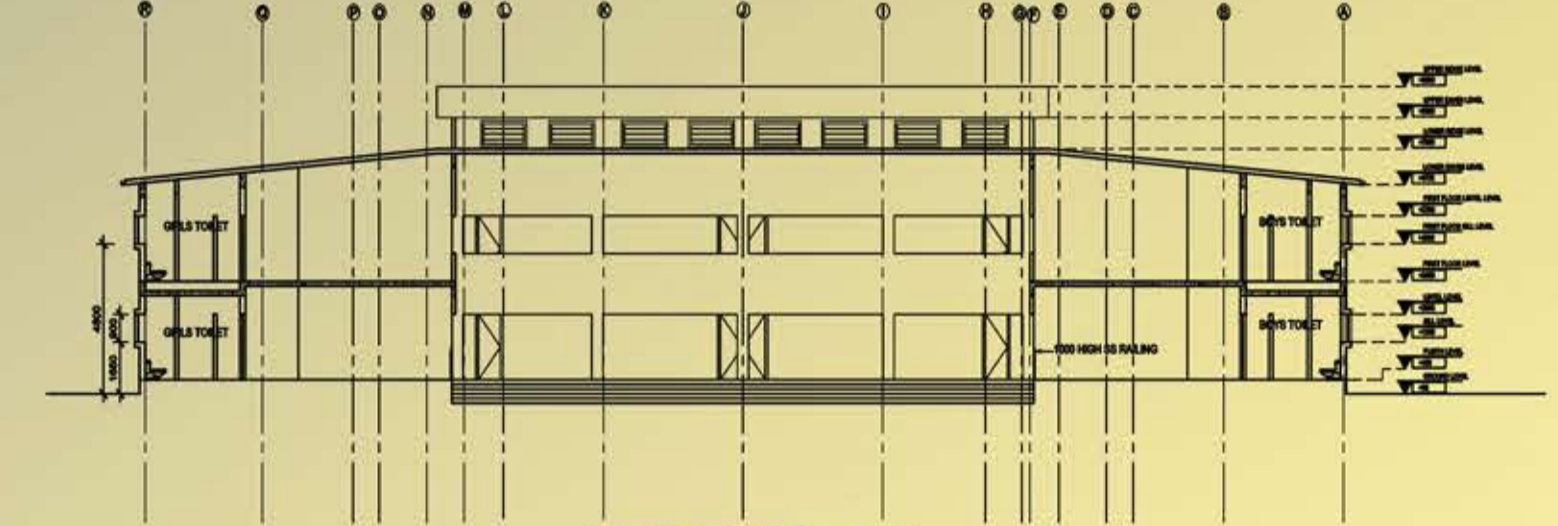
FIRST FLOOR PLAN



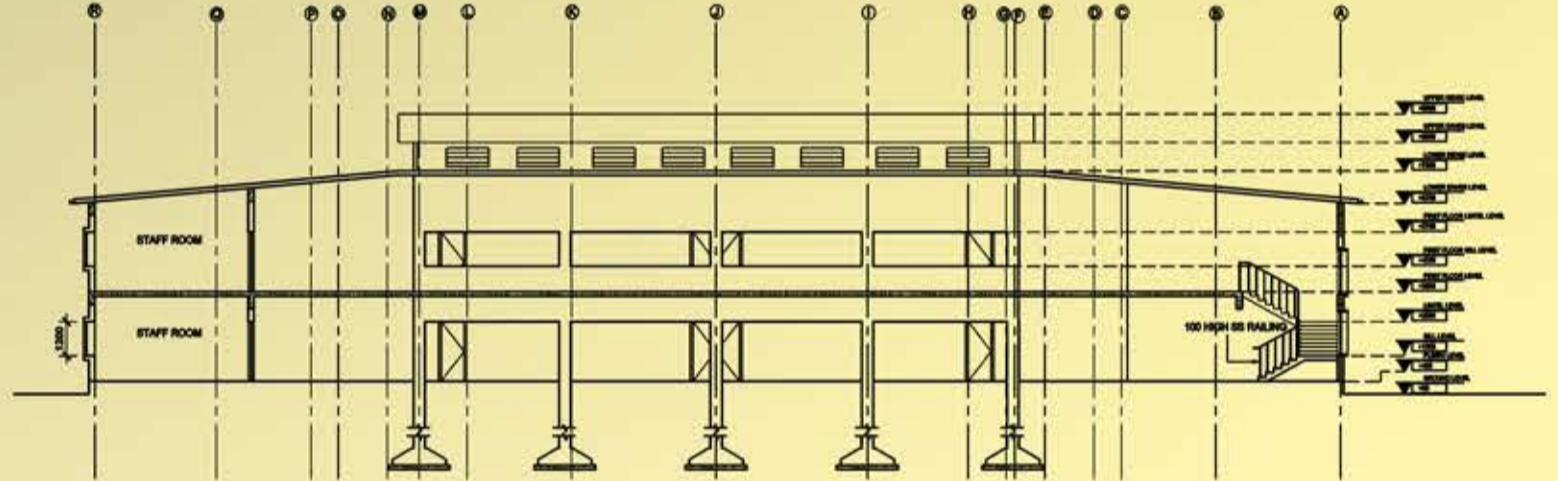
ROOF PLAN



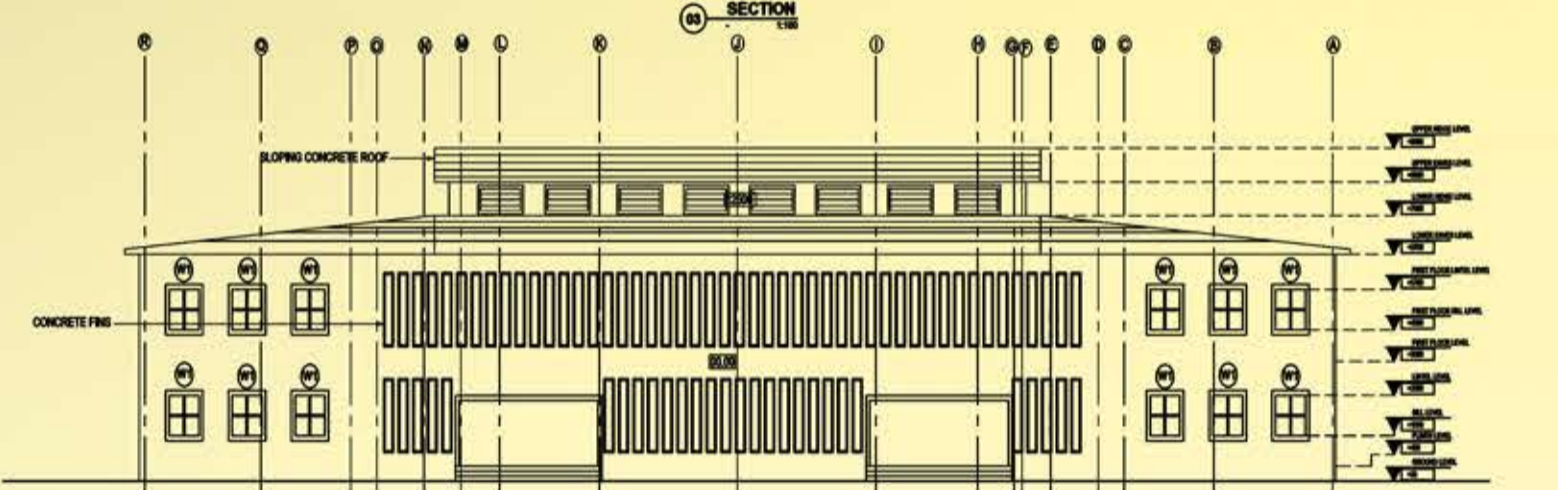
TOILET DETAIL



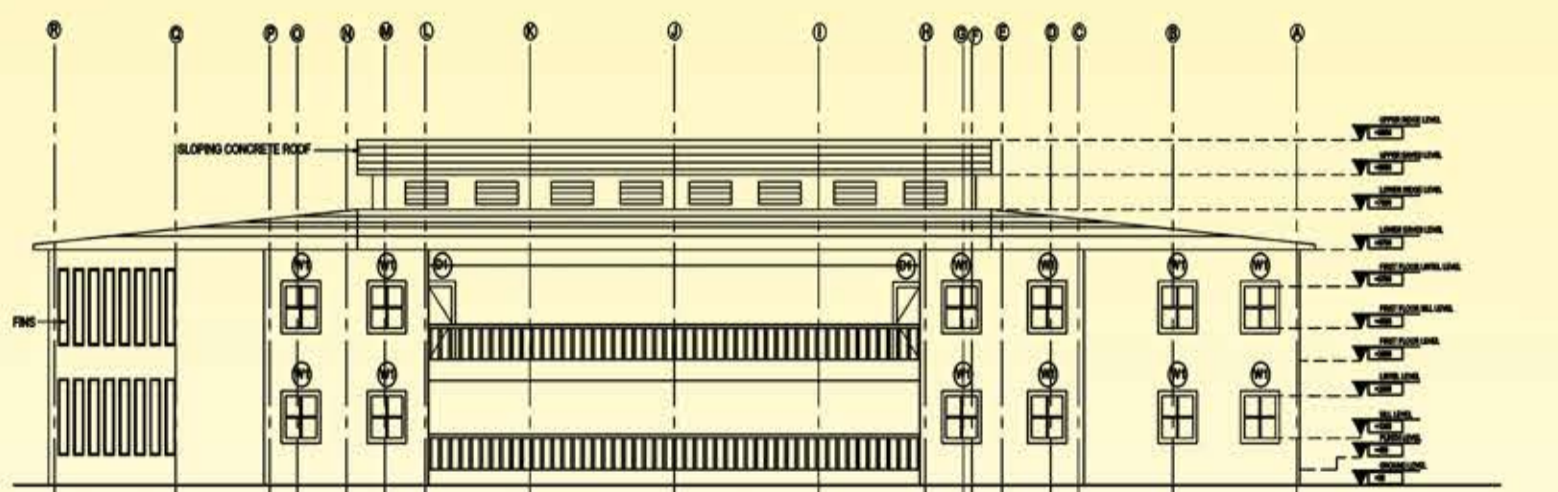
SECTION AA



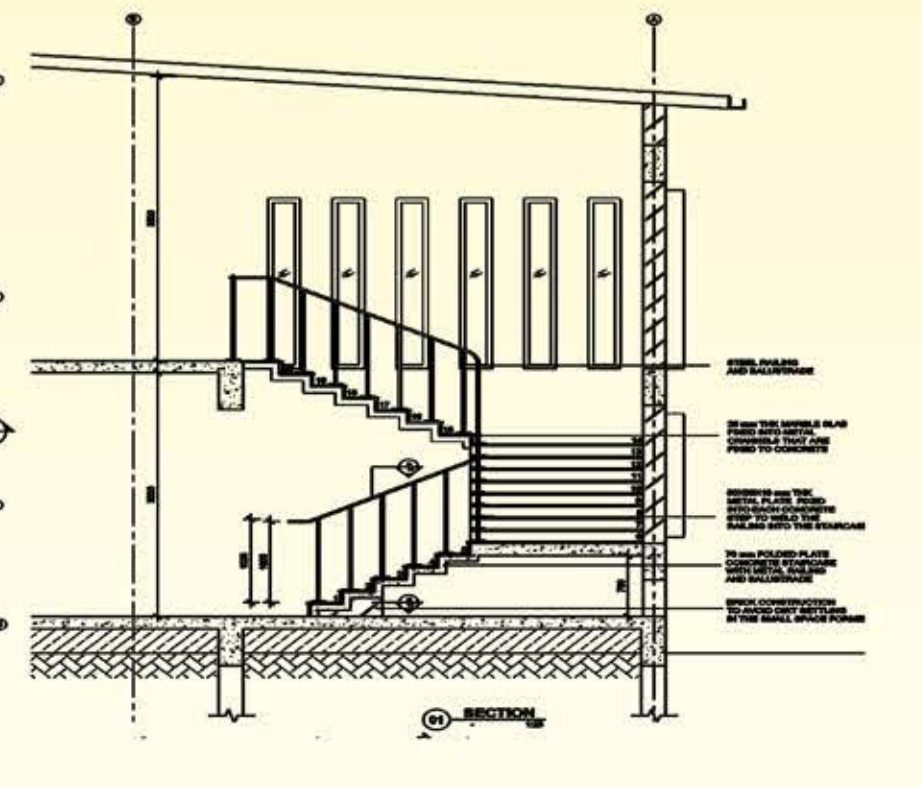
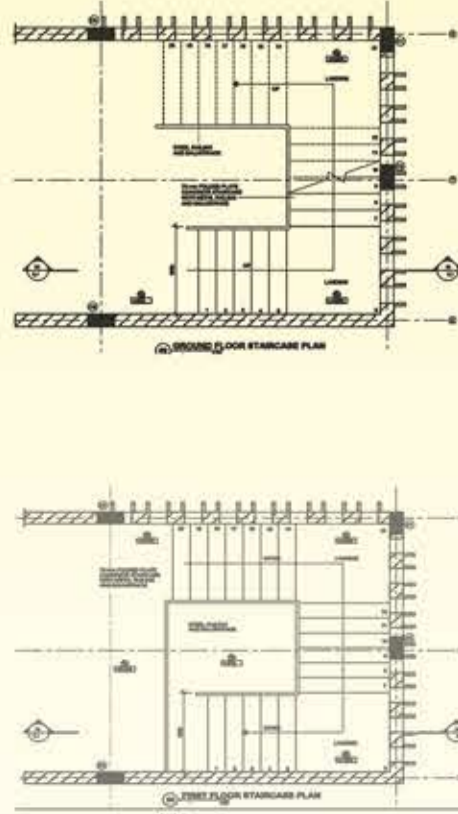
SECTION BB



EASTSIDE ELEVATION



WESTSIDE ELEVATION



#### CONCEPT

CONCEPT :- "MULTI NUCLEI MODEL" IS A MODEL OF URBAN LAND USE IN WHICH A CITY GROWS FROM SEVERAL INDEPENDENT POINTS RATHER THAN FROM ONE CENTRAL BUSINESS DISTRICT. THIS MODEL WAS GIVEN IN AN ARTICLE BY THEM "THE NATURE OF CITIES". EACH POINT ACTS AS A GROWTH CANTER FROM A PARTICULAR KIND OF LAND USE, SUCH AS INDUSTRY, RETAIL, PORT, UNIVERSITY OR HIGH QUALITY HOUSING ECT. AS THIS EXPAND, THE MARGE TO FROM A SINGLE URBAN AREA. THE CBD IS NOT THE ONLY GENERATOR OF CHANGE. EXAMPLE:- LONDON, CHICAGO, LOS ANGELES ETC.

LAND IS NOT FLAT IN ALL AREAS  
EVEN DISTRIBUTION OF RESOURCES  
EVEN DISTRIBUTION OF PEOPLE IN RESIDENTIAL AREAS  
EVEN TRANSPORTATION COSTS

#### Harris and Ullman's Multiple Nuclei Model



#### LOCATION :

**AKSHAR COLONY GARDEN SAMARTH NAGAR PARIJAT NAGAR NASIK**

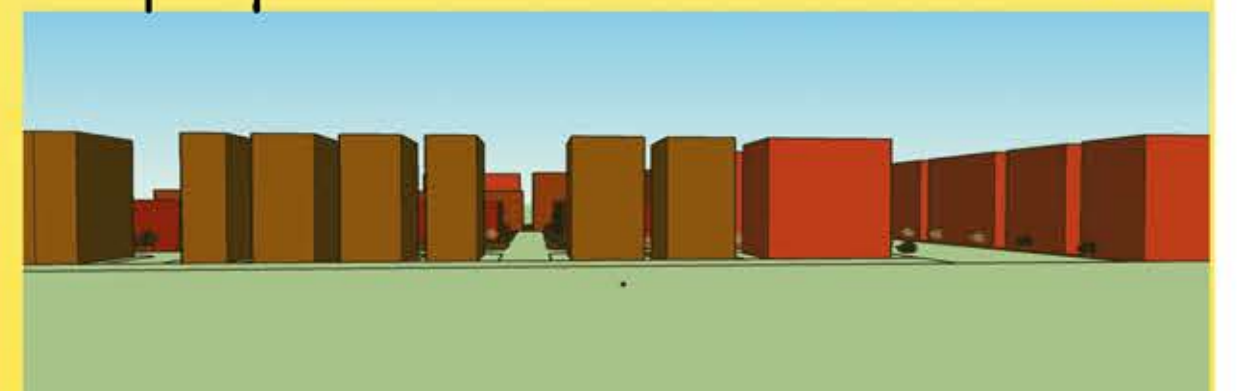
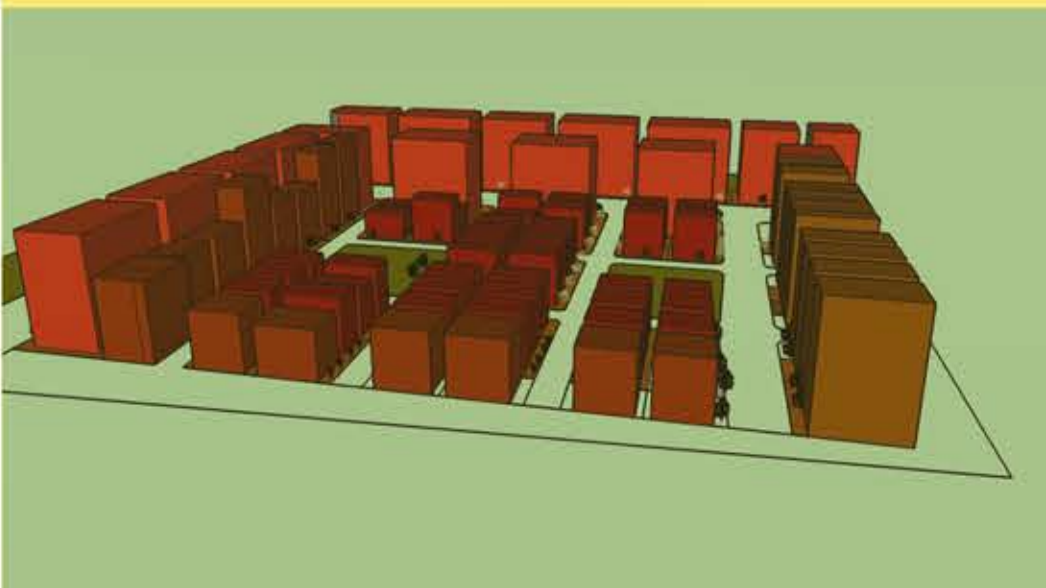
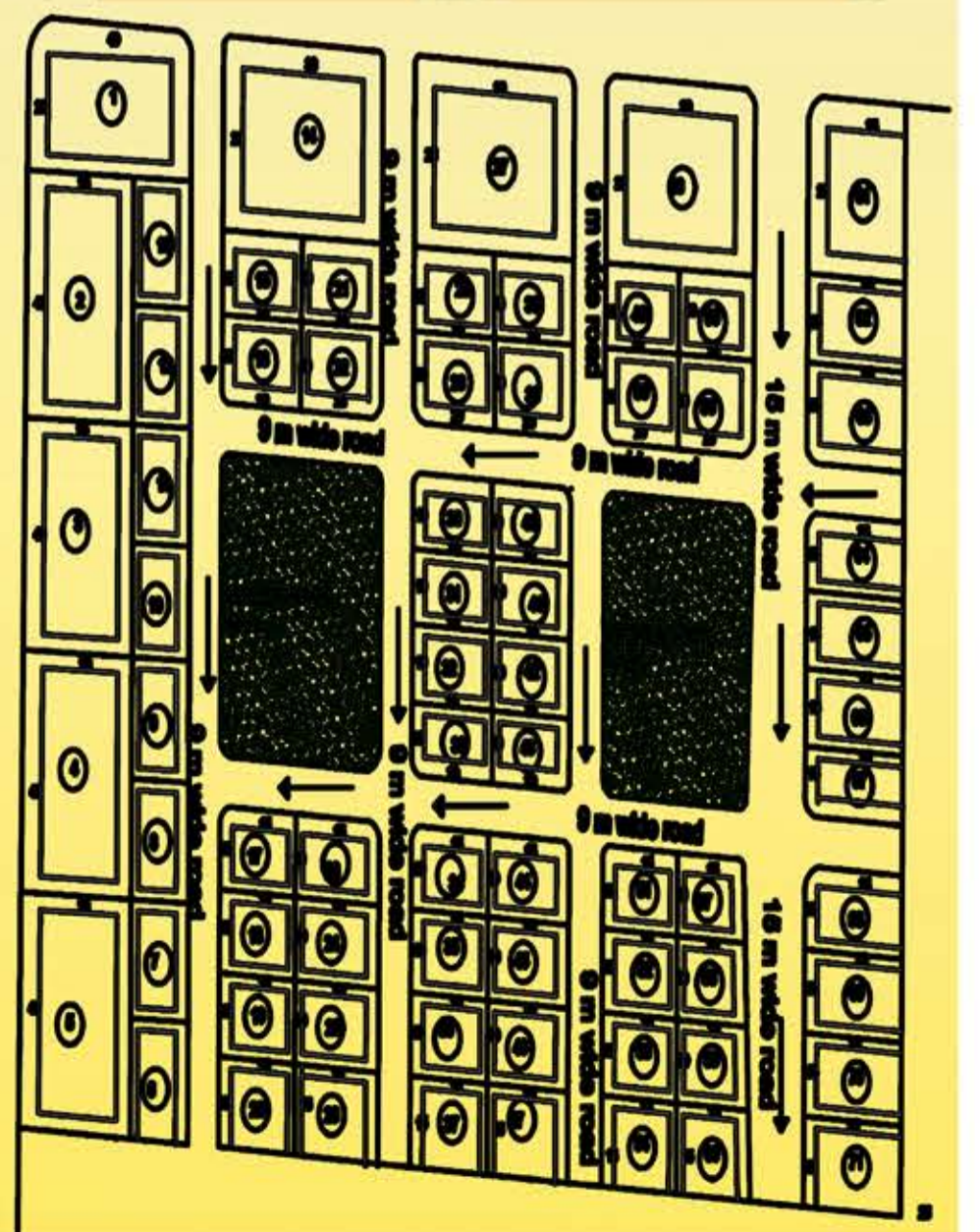
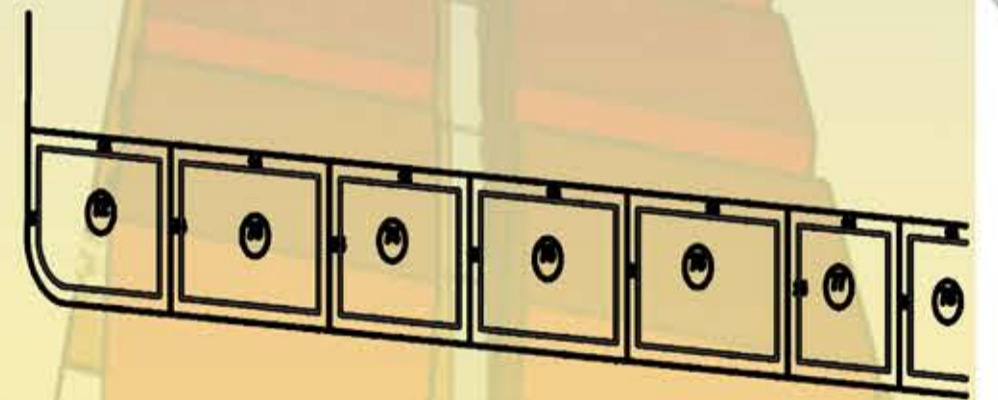
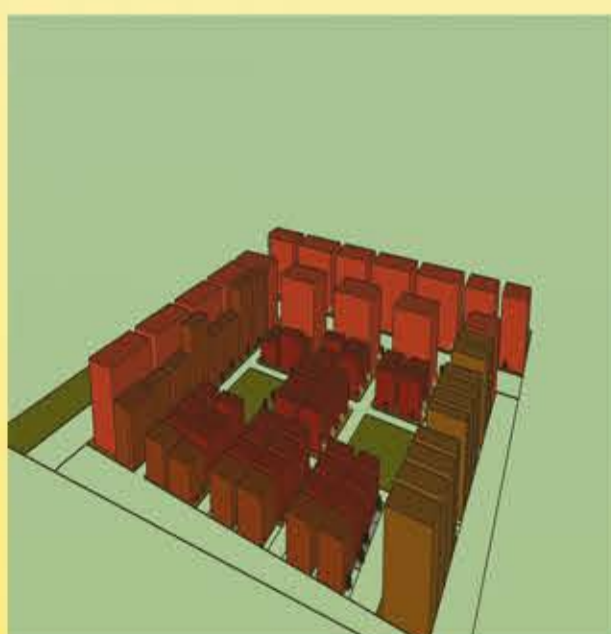
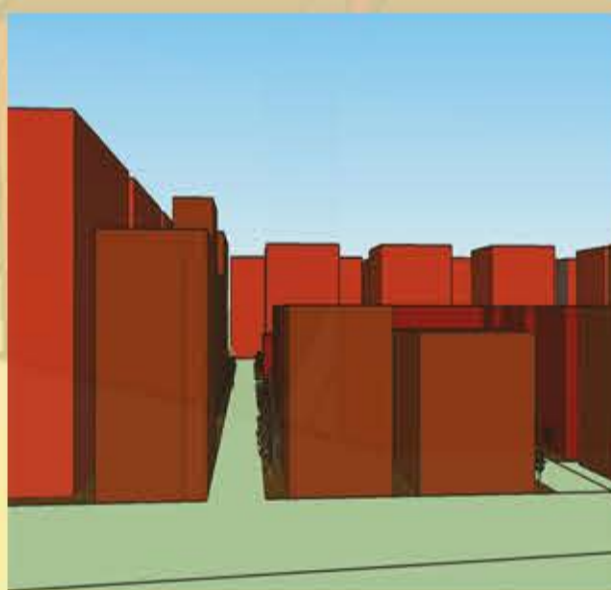
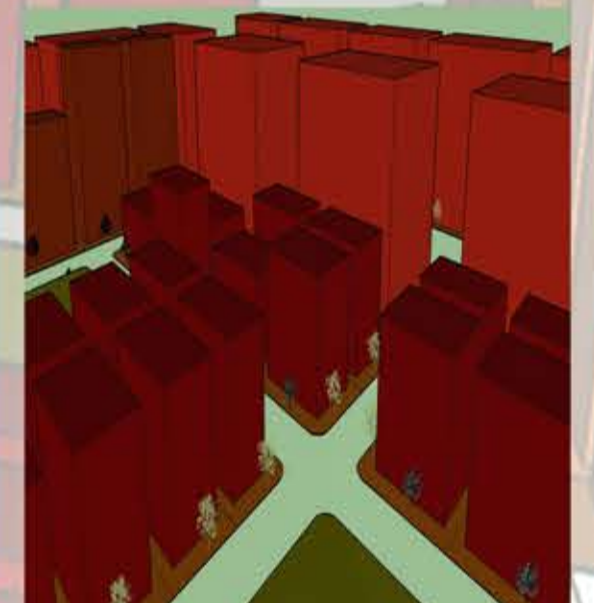
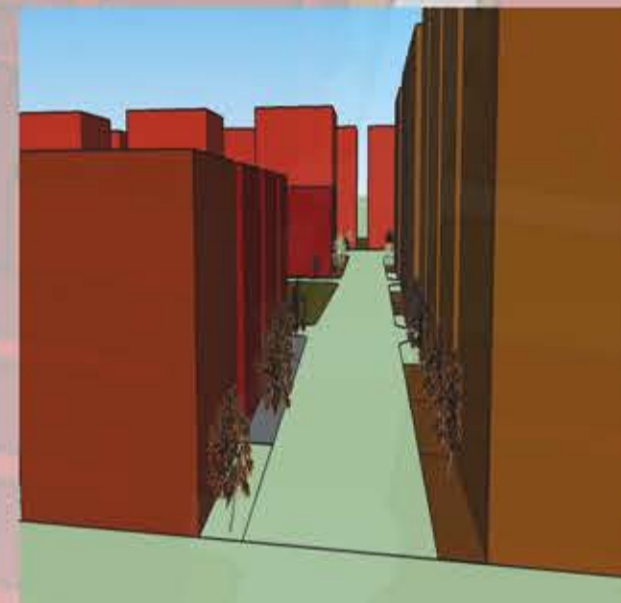


#### INTRODUCTION

THE AKSHAR COLONY IS CONNECTED TO MAHATMANAGAR ROAD WHICH IS 16 M WIDE. MAHATMA NAGAR ROAD CONNECTS TO CCM FROM THE SOUTHERN SIDE AND TO THE JEHAN CIRCLE. AKSHAR COLONY IS 60-75 YEAR OLD COLONY. ONE OF THE OLD AND SMALL COLONY BUILT NEAR BHOSLA MILITARY ZONE. THIS COLONY HAS A PLAYGROUND AT THE CENTER WHICH ALSO HAS A SMALL TEMPLE. THE PLANNING IN THE COLONY HAS EVOLVED CENTRALLY FROM THE POINT OF THE TEMPLE WHICH IS NEARLY 50-60 YEARS OLD.



- COMMERCIAL BUILDING ■
- RESIDENTIAL BUILDING ■
- COMMERCIAL + RESIDENTIAL ■
- RECREATIONAL AREA ■
- RESIDENTIAL ■



## CONCEPT OF GREEN BUILDING

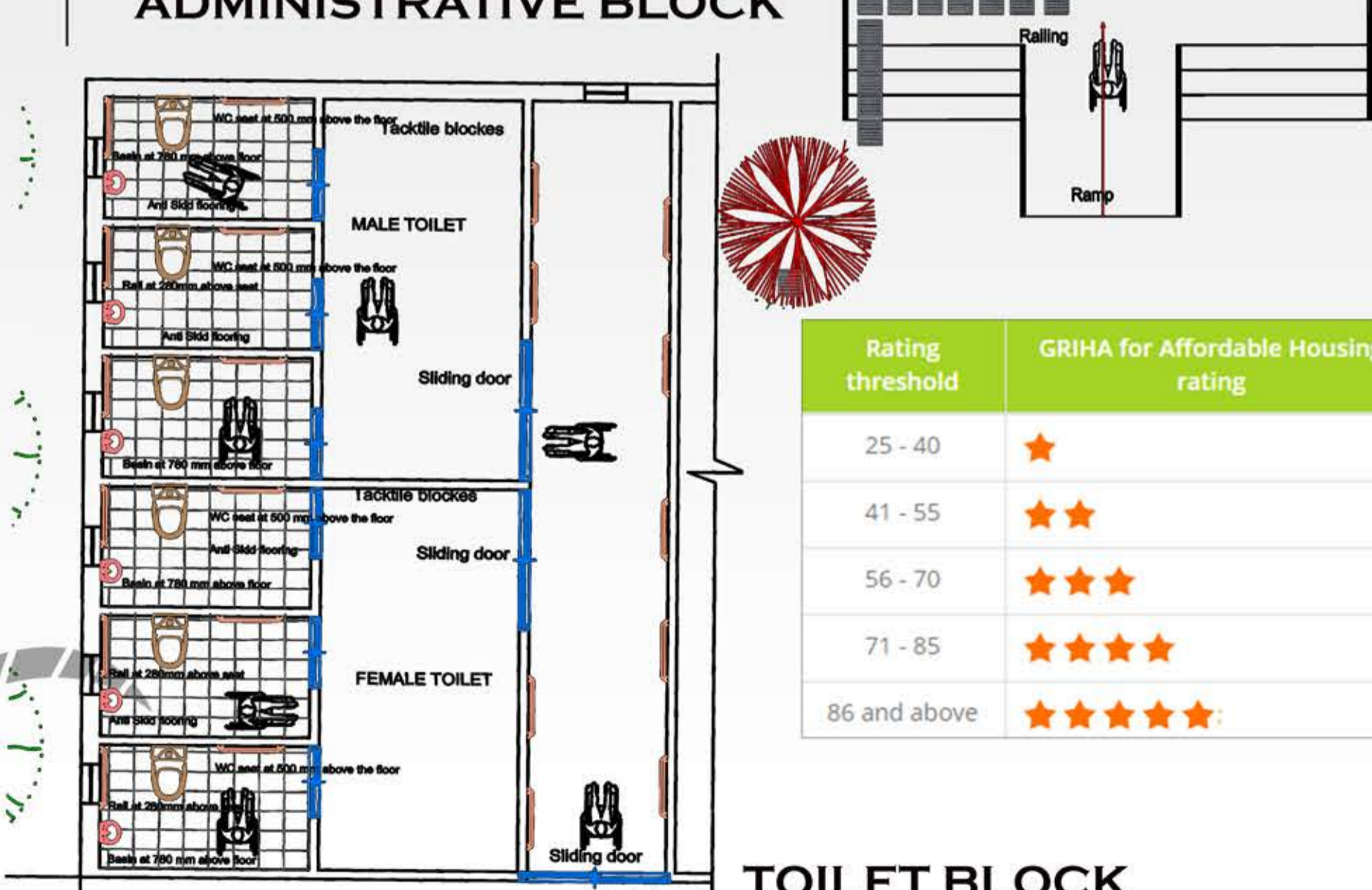
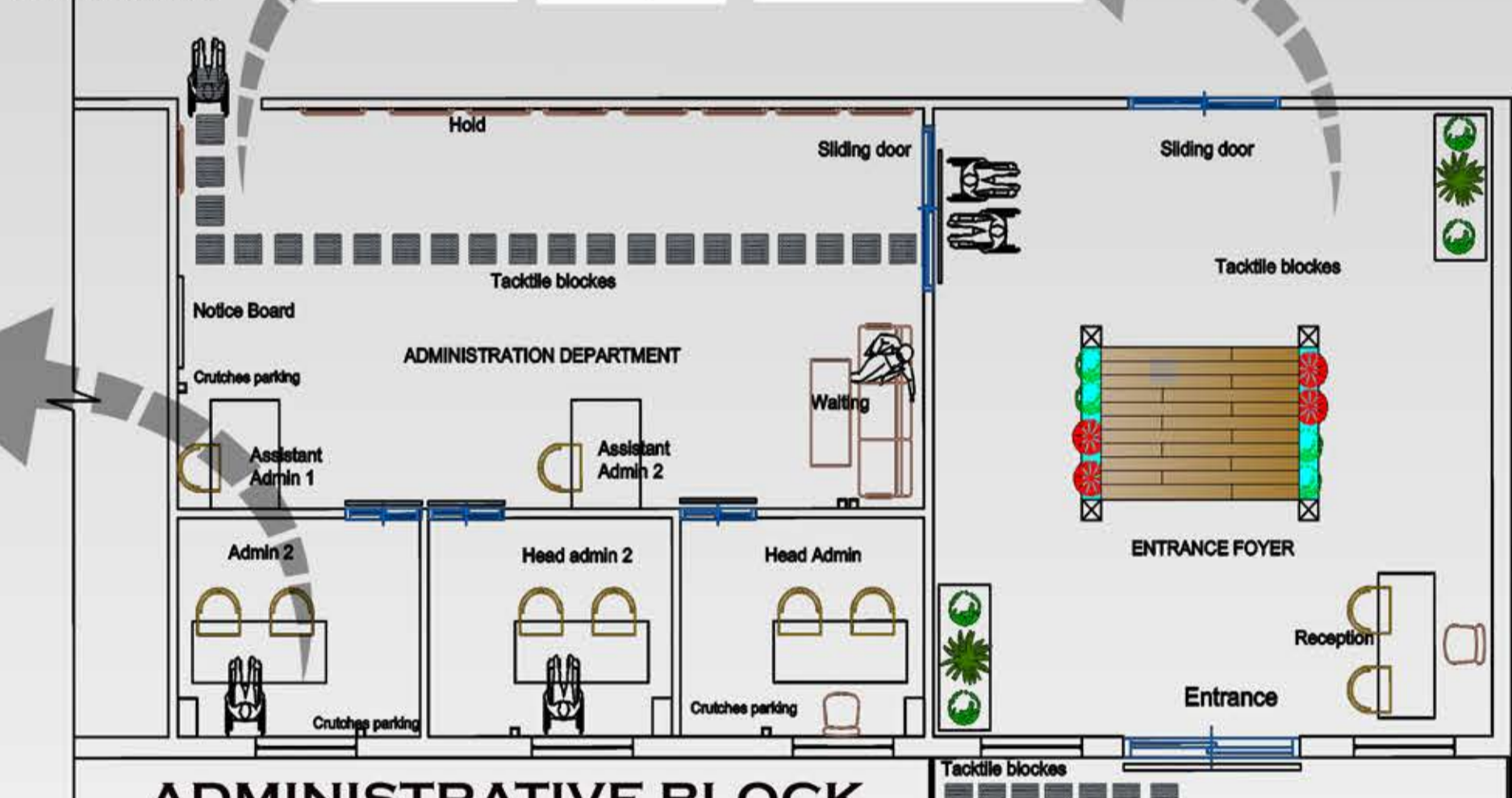
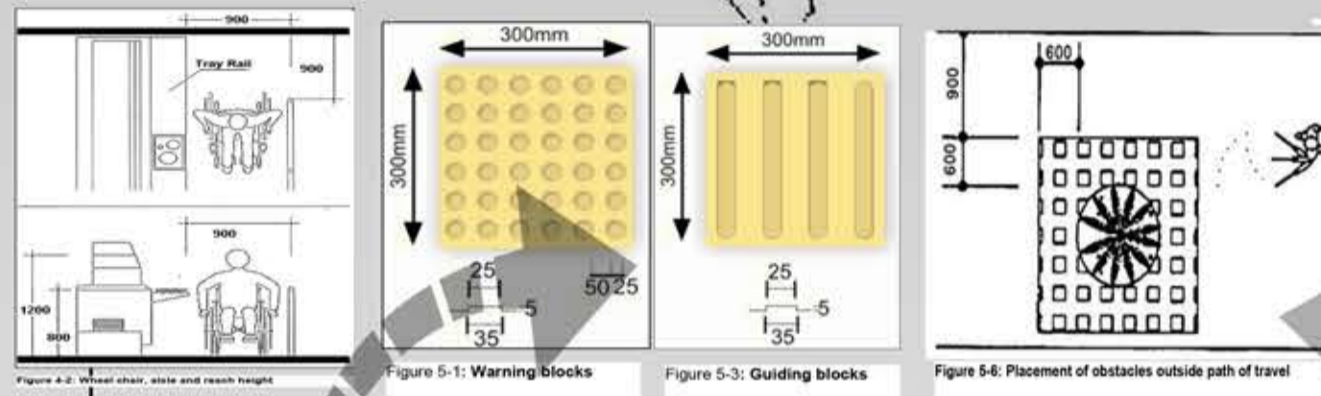
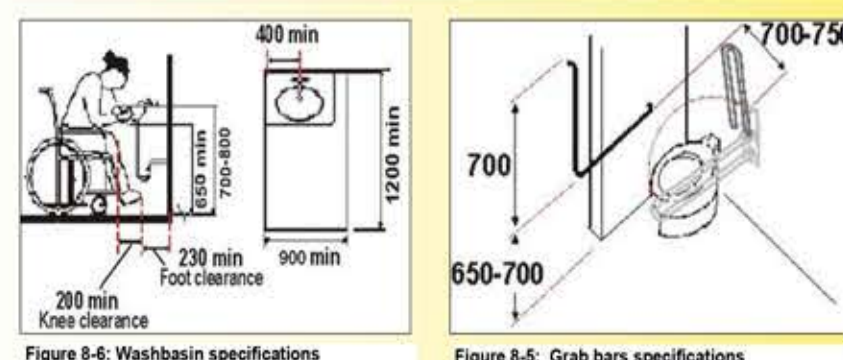
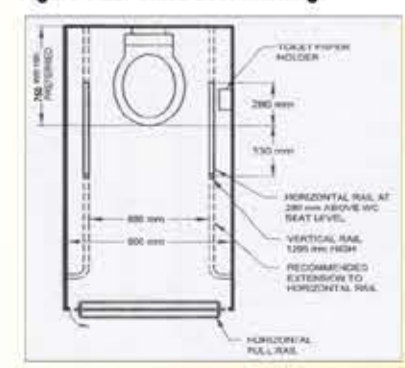
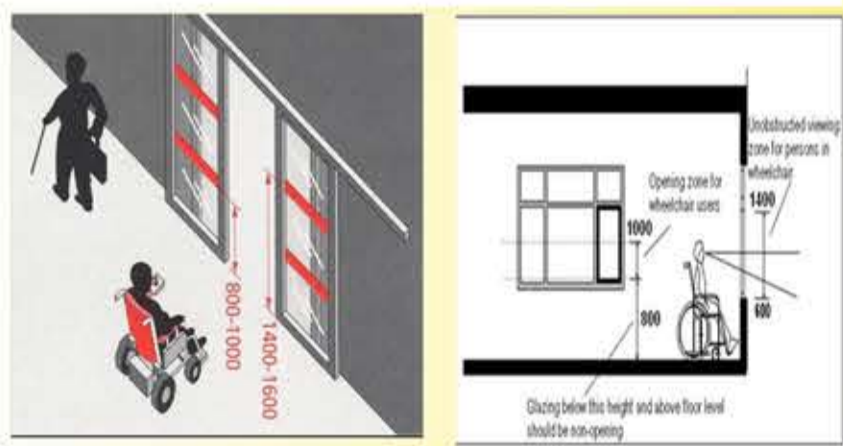
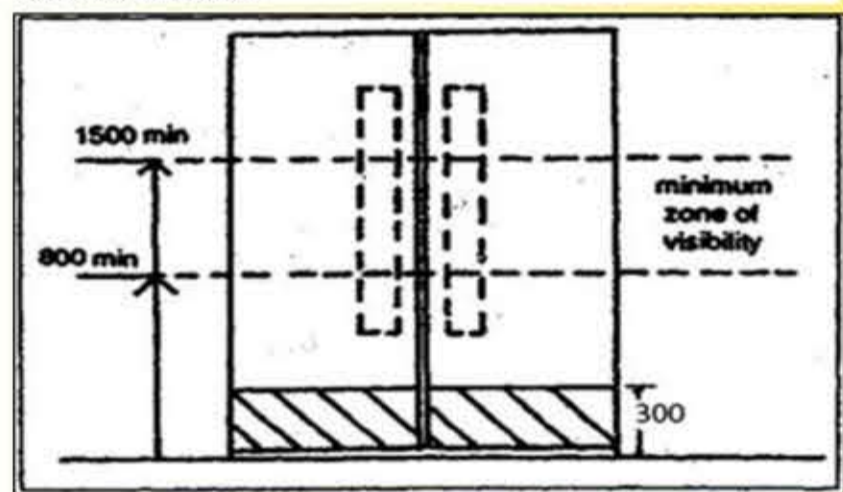
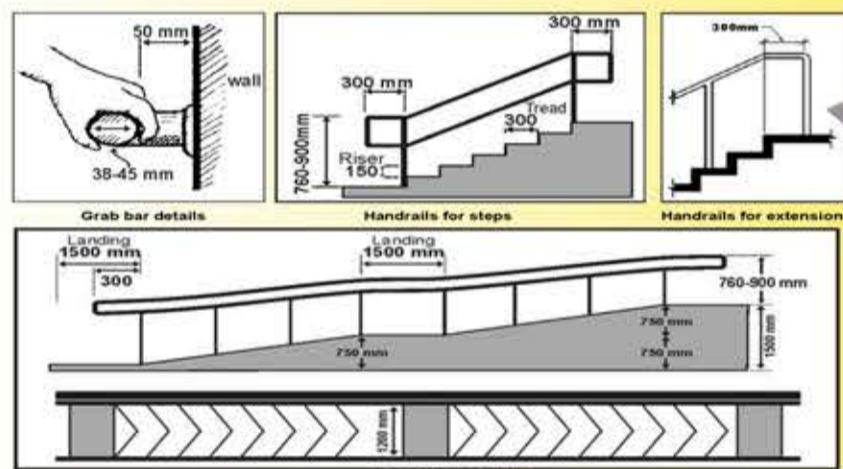
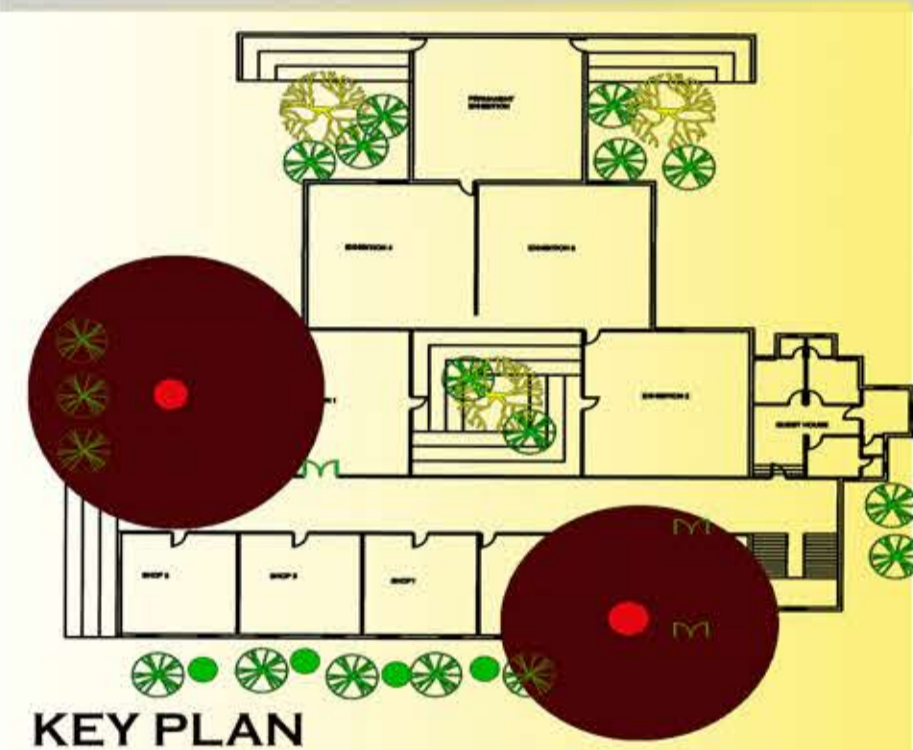


GREEN BUILDING IS THE PRACTICE OF CREATING STRUCTURES AND USING PROCESSES THAT ARE ENVIRONMENTALLY RESPONSIBLE AND ARE SOURCE-EFFICIENT THROUGHOUT A BUILDING'S LIFE-CYCLE FROM SITING TO DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, RENOVATION AND DECONSTRUCTION.

## GREEN BUILDING AROUND THE GLOBE



## DESIGN IMPLEMENTATION



Rating threshold	GRIHA for Affordable Housing rating
25 - 40	★
41 - 55	★★
56 - 70	★★★
71 - 85	★★★★
86 and above	★★★★★

Built-up Area	Registration Fee (required to formally initiate the process)	Certification Fee	Rating Fee
Built-up Area 5,000 sq.m & below	INR 50,000	INR 1,50,000	INR 2,00,000
5,001 sq.m to 50,000 sq.m	INR 50,000	INR 1,50,000 + INR 3.5 per additional sq.m over & above 5,000 sq.m	INR 2,00,000 + INR 3.5 per additional sq.m over & above 5,000 sq.m
50,001 sq.m & above	INR 50,000	INR 3,10,000	INR 3,60,000

### AIM

COMPREHENSIVE VIEWPOINT ABOUT THE CONTEMPORARY TRENDS/ APPROACHES IN ARCHITECTURAL PRODUCTION IN TERMS OF DESIGN, PRACTICES, ITS PERCEPTION, APPRECIATION AND CRITICAL DISCOURSES.

### INTRODUCTION AND HISTORY

ORGANIC ARCHITECTURE IS PHILOSOPHY OF ARCHITECTURE WHICH PROMOTE HARMONY BETWEEN HUMAN HABITATION AND NATURAL WORLD THROUGH DESIGN APPROACHES SO SYMPATHETIC AND WELL INTEGRATED WITH ITS SITE THAT BUILDINGS FURNISHING AND SURROUNDING BECOME PART OF THE UNIFIED INTERRELATED COMPOSITION.

THE TERM ORGANIC ARCHITECTURE WAS COINED BY FRANK LLOYD WRIGHT WHERE IN THE ARTICLE HE STATED THAT "SO HERE I STAND BEFORE YOU PREACHING ORGANIC ARCHITECTURE TO THE MODERN IDEAL".

ORGANIC ARCHITECTURE EMERGED IN DIFFERENT COUNTRIES AT THE BEGINNING OF THE 20TH CENTURY

### POST ORGANIC ARCHITECTURE



ORGANIC ARCHITECTURE HAS A LONG AND CELEBRATED HISTORY, FROM ANCIENT GREECE TO ART NOUVEAU.

IN A WELL-DESIGNED "ORGANIC" BUILDING, WE FEEL BETTER AND FREER.

FRANK LLOYD WRIGHT INTRODUCED THE WORD 'ORGANIC' INTO HIS PHILOSOPHY OF ARCHITECTURE AS EARLY AS 1908.

#### CASE STUDIES

##### FALLING WATER

DESIGN CONCEPT • ORGANIC ARCHITECTURE

IN CLOSE RELATIONSHIP TO THE GLEN, THE TREES, THE FOLIAGE AND WILD FLOWERS

THE GLORY OF THE NATURAL SURROUNDING IS BROUGHT IN AS PART OF THE DAILY LIFE...

SPACES ARE DESIGNED TO BRING NATURE INTO THE FOUR WALLS



### ARCHITECTS OF THAT TIME



BRUCE GOFF



BRUNO ZEVI



NARI GANDHI

### ARCHITECTS OF CURRENT TIME



JAVIER SENSIAIN



KENDRICK BANGS KELLOGG



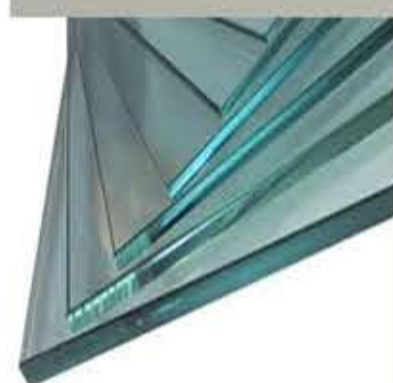
KAMATH DESIGN STUDIO

### RESEARCH : MATERIALS USED



#### WOOD

- HARDNESS
- STRENGTH
- TOUGHNESS
- STIFFNESS
- POROUS AND FIBROUS
- STRONG



#### GLASS

- TRANSPARENCY
- HEAT RESISTANCE
- A HARD
- BRITTLE
- TRANSLUCENT, FUSING SAND WITH SODA



#### BRICK

- HARDNESS
- STRENGTH
- TOUGHNESS
- STIFFNESS
- STRENGTH
- DURABILITY
- VERSATILITY



#### CONCRETE

- STRENGTH
- DURABILITY
- VERSATILITY
- LOW MAINTENANCE
- AFFORDABILITY
- FIRE-RESISTANCE
- THERMAL MASS

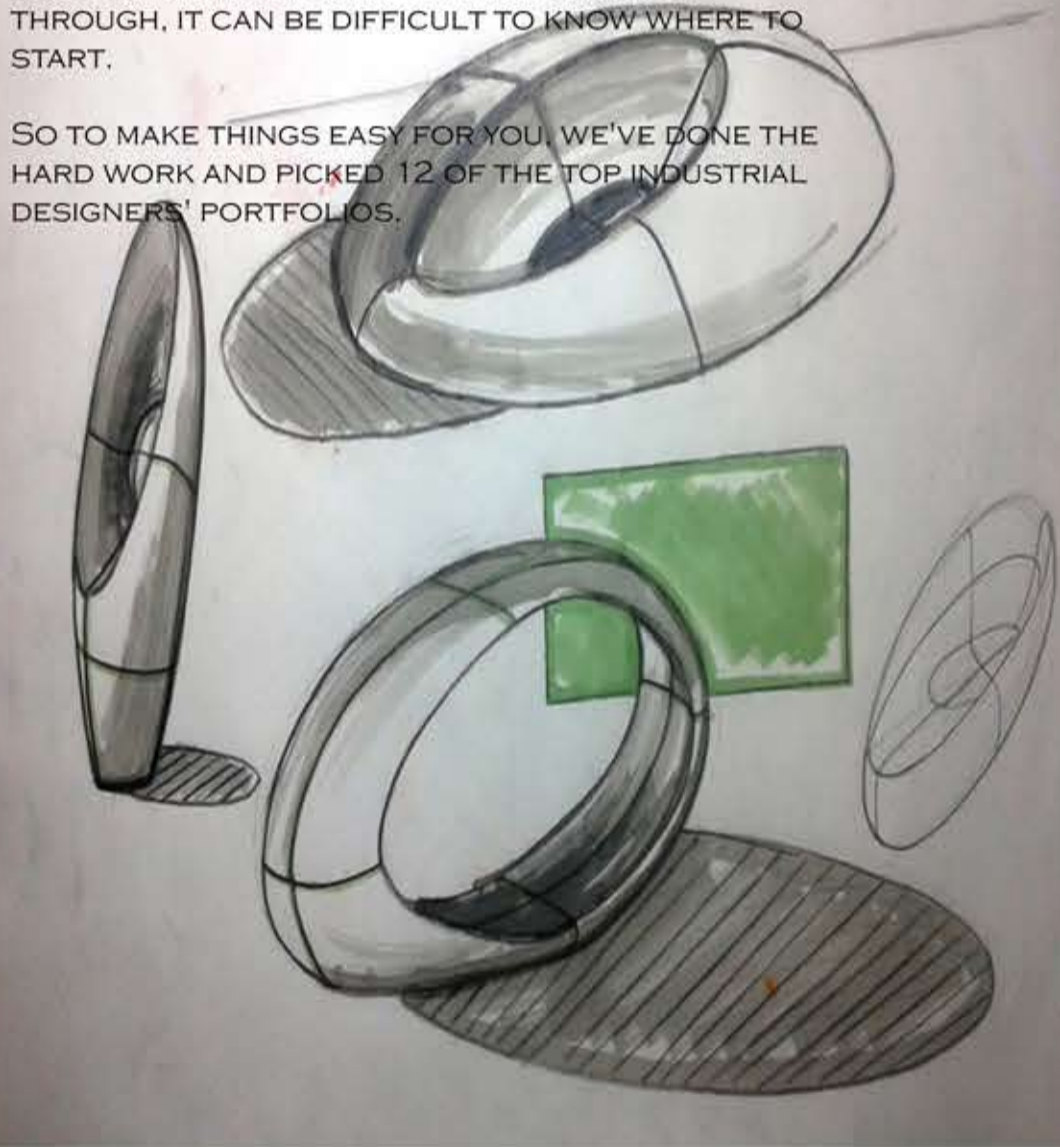


#### STONE

- DENSE
- DURABILITY
- STRENGTH
- POROSITY
- DOLOMITE, AND SLATE
- DENSE STONES

BEHANCE IS A GREAT PLACE TO FIND NEW WORK AND CREATIVE INSPIRATION FROM TOP INDUSTRIAL DESIGNERS. BUT WITH SO MANY PEOPLE TO BROWSE THROUGH, IT CAN BE DIFFICULT TO KNOW WHERE TO START.

SO TO MAKE THINGS EASY FOR YOU, WE'VE DONE THE HARD WORK AND PICKED 12 OF THE TOP INDUSTRIAL DESIGNERS' PORTFOLIOS.



DESIGNS BY PRODUCT DESIGNERS SUCH AS RON ARAD, LUIGI COLANI, MASSIMO IOSA GHINI, ROSS LOVEGROVE, AND PHILIPPE STARCK ARE CLEARLY INFLUENCED BY ORGANIC DESIGN.



### ORGANIC ARCHITECTURE IN FURNITURE DESIGN



### COMPETITION WRIGHT ORGANIC ARCHITECTURE COMPETITION



### TAIWAN ARCHITECTURE COMPETITION



# 10

# RESEARCH IN ARCHITECTURE INTERIOR IN HOSTEL BUILDING

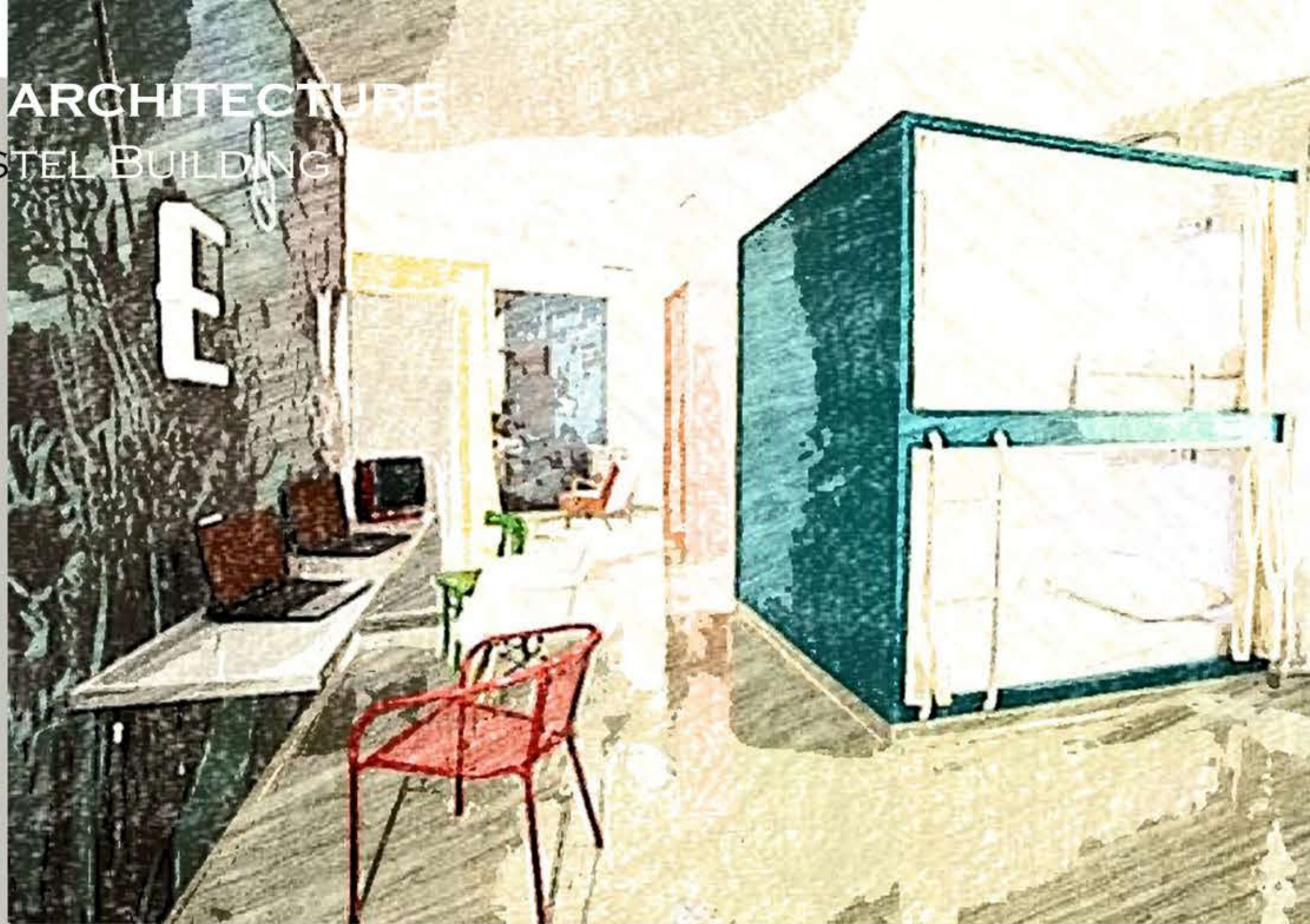
## INTRODUCTION

HOSTELS PROVIDE BUDGET-ORIENTED, SOCIABLE ACCOMMODATION WHERE GUESTS CAN RENT A BED, USUALLY A BUNK BED, IN A DORMITORY AND SHARE A BATHROOM, LOUNGE AND SOMETIMES A KITCHEN. ROOMS CAN BE MIXED OR SINGLE-SEX, AND PRIVATE ROOMS MAY ALSO BE AVAILABLE.

HOSTELS ARE OFTEN CHEAPER FOR BOTH THE OPERATOR AND OCCUPANTS; MANY HOSTELS HAVE LONG-TERM RESIDENTS WHOM THEY EMPLOY AS DESK AGENTS OR HOUSEKEEPING STAFF IN EXCHANGE FOR EXPERIENCE OR DISCOUNTED ACCOMMODATION.

## PRESENT CONDITIONS

- I. UNHYGIENIC WASHING CLOSET
- II. LACK OF FACILITIES
- III. LACK OF SPACE MANAGEMENT
- IV. VIOLATION OF RULES AND REGULATION
- V. CONGESTED INTERIORS
- VI. LACK OF SECURITY



HOSTEL BUILDINGS ARE DIVIDED INTO TWO GROUPS AS FOLLOWS:

1. GOVERNMENT HOSTELS
2. PRIVATE HOSTELS
3. INEXPENSIVE HOSTEL.

## GOVERNMENT HOSTELS:

SPACES UNDER THIS GROUP OF HOSTELS ARE RECTORS OFFICE, RECTORS ROOM, ENTRANCE LOBBY, TWO BEDED ROOM, FOUR BEDED ROOM, STUDY ROOM, TV ROOM, GYM SPACE, KITCHEN AND DINNING ETC.

## PRIVATE HOSTELS:

SPACES UNDER THIS GROUP OF HOSTEL ARE RECTORE OFFICE, RECTOR ROOM, ENTRANCE LOBBY, TWOBEBED ROOM, FOUR BEBED ROOM, STUDY ROOM, GYM SPACE, KITCHEN AND DINNING,

## INTERVIEWS

NMVP College of nursing

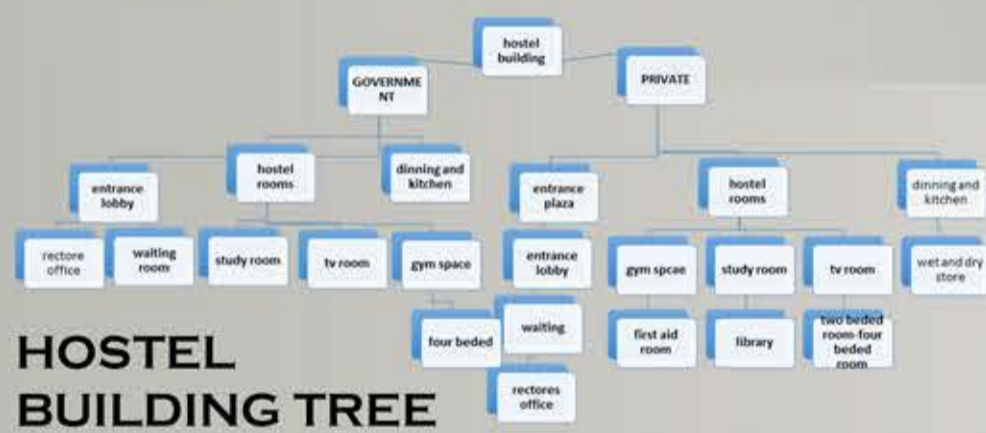
- I. Rooms are quite good .
- II. Spaces are managed for storage and others stuff.
- III. Library ,tv room don't have good furniture.
- IV. No security for lockers.

Mgh hostel trimbak road

- I. Unhygienic rooms
- II. No security for lockers
- III. No lightings provided in corridors
- IV. Colors used in the rooms are bright and vibrant
- V. Not good space management

Shree maheshwar hostel

- I. Good study rooms tv rooms , library etc
- II. Rooms are provided with minimum furniture
- III. Less no of lightings
- IV. Colors used are warm
- V. No updated security for lockers



HOSTEL BUILDING TREE



## DESIGN IMPLEMENTATION



## MODULAR FURNITURE



USING A GOOD COLOR SCHEMES IN INTERIOR MAKE THE SPACE MORE LIVELY  
WALL ATTACHED FURNITURES REDUCES SPACE  
PROPER INTERNAL CIRCULATION AND LOCATION OF FURNITURE MAKE THE SPACE GOOD FOR LIVING  
SIMPLY MANAGED SPACE CAN REDUCE MESSINESS  
USE OF AMBIENT LIGHTING BRINGS MORE LIVELINESS  
COLOR SCHEME USED MAKE THE SPACE QUITE AND PURE  
GRAFFITI ON THE WALL MAKES THE SPACE MORE YOUTHFUL  
DESKS ARE ATTACHED TO WALL WHICH OCCUPY LESS SPACE  
TWO MORE UNITS ARE SITUATED IN A SMALLER ALL-WHITE ROOM, WITH AN EXTRA BED RAISED HIGH ABOVE THE GROUND THAT APPEARS TO BALANCE ON LOCKERS  
DESKS AND SHELVES ACCOMPANIED BY A MIXTURE OF CHAIR STYLES OFFER SPACE FOR GUESTS TO EAT OR USE LAPTOPS WITHIN THE DORMS.

**CONCEPT :** A DISABILITY IS AN IMPAIRMENT THAT MAY BE COGNITIVE, DEVELOPMENTAL, INTELLECTUAL, MENTAL, PHYSICAL, SENSORY, OR SOME COMBINATION OF THESE. IT SUBSTANTIALLY AFFECTS A PERSON'S LIFE ACTIVITIES AND MAY BE PRESENT FROM BIRTH OR OCCUR DURING A PERSON'S LIFETIME. DISABILITY IS THUS NOT JUST A HEALTH PROBLEM. IT IS A COMPLEX PHENOMENON, REFLECTING THE INTERACTION BETWEEN FEATURES OF A PERSON'S BODY

### PRINCIPAL OF UNIVERSAL DESIGN :

**1 Equitable Use**  
The design is useful and marketable to people with diverse abilities.

**2 Flexibility in Use**  
The design accommodates a wide range of individual preferences and abilities.

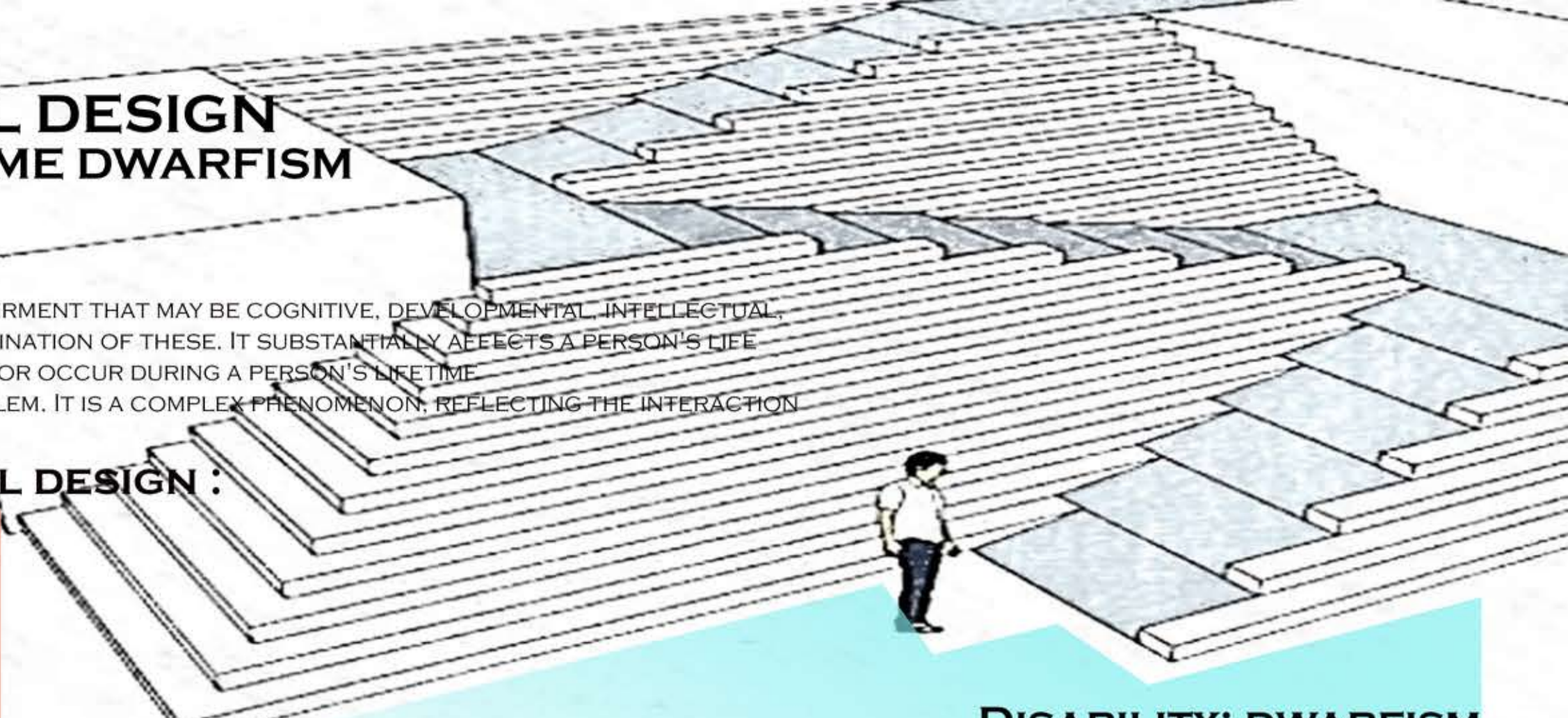
**3 Simple and Intuitive Use**  
Use of the design is easy to understand, regardless of the user's experience, knowledge, language skills, or education level.

**4 Perceptible Information**  
The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities.

**5 Tolerance for Error**  
The design minimizes hazards and the adverse consequences of accidental or unintended actions.

**6 Low Physical Effort**  
The design can be used efficiently and comfortably and with a minimum of fatigue.

**7 Size and Space for Approach and Use**  
Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body size, posture, or mobility.



### DISABILITY: DWARFISM



**DWARFISM**, ALSO KNOWN AS SHORT STATURE, OCCURS WHEN AN ORGANISM IS EXTREMELY SMALL.[1] IN HUMANS, IT IS SOMETIMES DEFINED AS AN ADULT HEIGHT OF LESS THAN 147 CENTIMETERS (4 FT. 10 IN), REGARDLESS OF SEX, ALTHOUGH SOME INDIVIDUALS WITH DWARFISM ARE SLIGHTLY TALLER.[2] [3] DISPROPORTIONATE DWARFISM IS CHARACTERIZED BY EITHER SHORT LIMBS OR A SHORT TORSO. IN CASES OF PROPORTIONATE DWARFISM, BOTH THE LIMBS AND TORSO ARE UNUSUALLY SMALL. NORMAL INTELLIGENCE AND LIFESPAN ARE USUAL

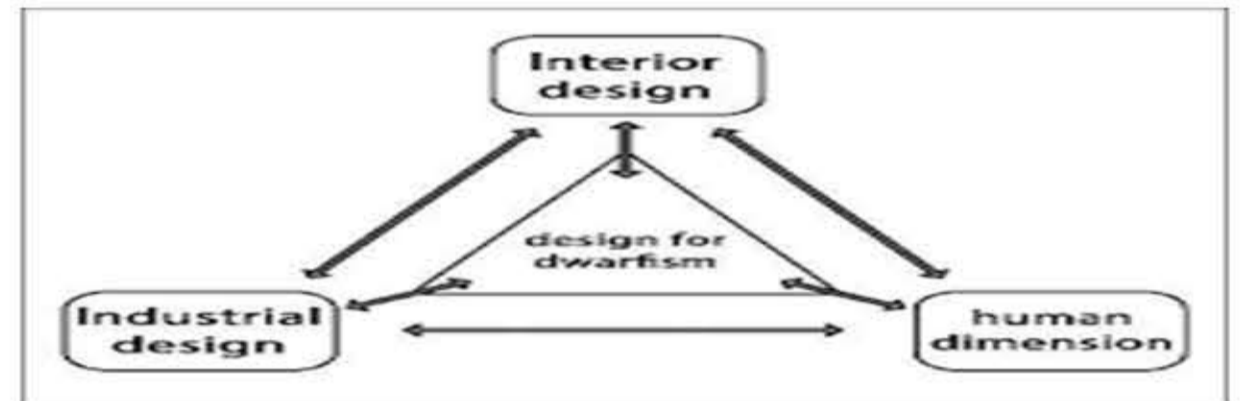
#### 8.3.2 ARCHITECTURAL CHALLENGES

- NOT BEING ABLE TO REACH DOOR HANDLES AND HAVING TO WAIT FOR OTHERS TO OPEN THEM FOR HER
- CLIMBING STEEP STEPS ONLY BY PULLING HERSELF UP BY THE HANDRAIL
- HAVING TO WAIT FOR SOMEONE TO ENTER THE ELEVATOR AND PUSH THE DESIRED FLOOR BUTTON THAT SHE COULD NOT REACH
- NOT BEING SEEN OVER THE RECEPTIONIST COUNTER AND WONDERING IF SHE WOULD EVER RECEIVE SERVICE
- HAVING TO FOREGO

### PRINCIPLES DESIGNED FOR DWARFISM

ACCORDING TO SOME STUDIES, PRINCIPLES DESIGNED ARE DIVIDED INTO THREE PARTS.

1. THE HUMAN DIMENSION
2. INTERIOR DESIGN
3. INDUSTRIAL DESIGN



### ANTHROPOMETRIC FOR DWARFISM

Knee height

Gender	Inch	CM
Boys	15	38.2
Girls	14.9	37.8

50

Size Height

Gender	Inch	CM
Boys	49	124.4
Girls	48.7	123.6

50

Rump width

Gender	Inch	CM
Boys	8.4	21.3
Girls	8.5	21.6

50

Height behind The knee

Gender	Inch	CM
Boys	12.2	31.1
Girls	12	30.6

50

Thick thighs

Gender	Inch	CM
Boys	3.8	9.6
Girls	3.8	9.6

50

From knee to hip

Gender	Inch	CM
Boys	15.7	39.9
Girls	15.8	40.1

50

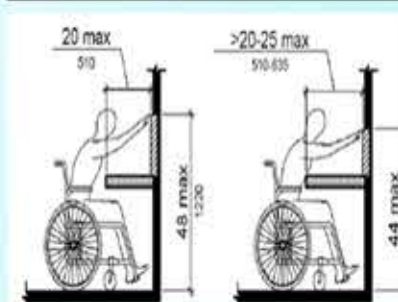
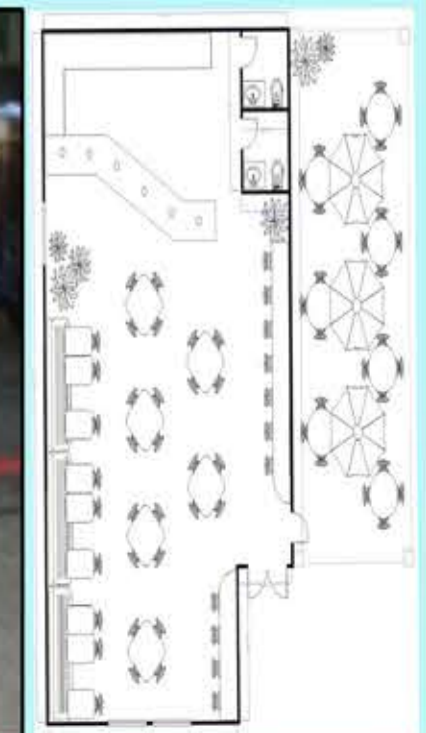
### ACCESSIBILITY AUDIT

LOCATION

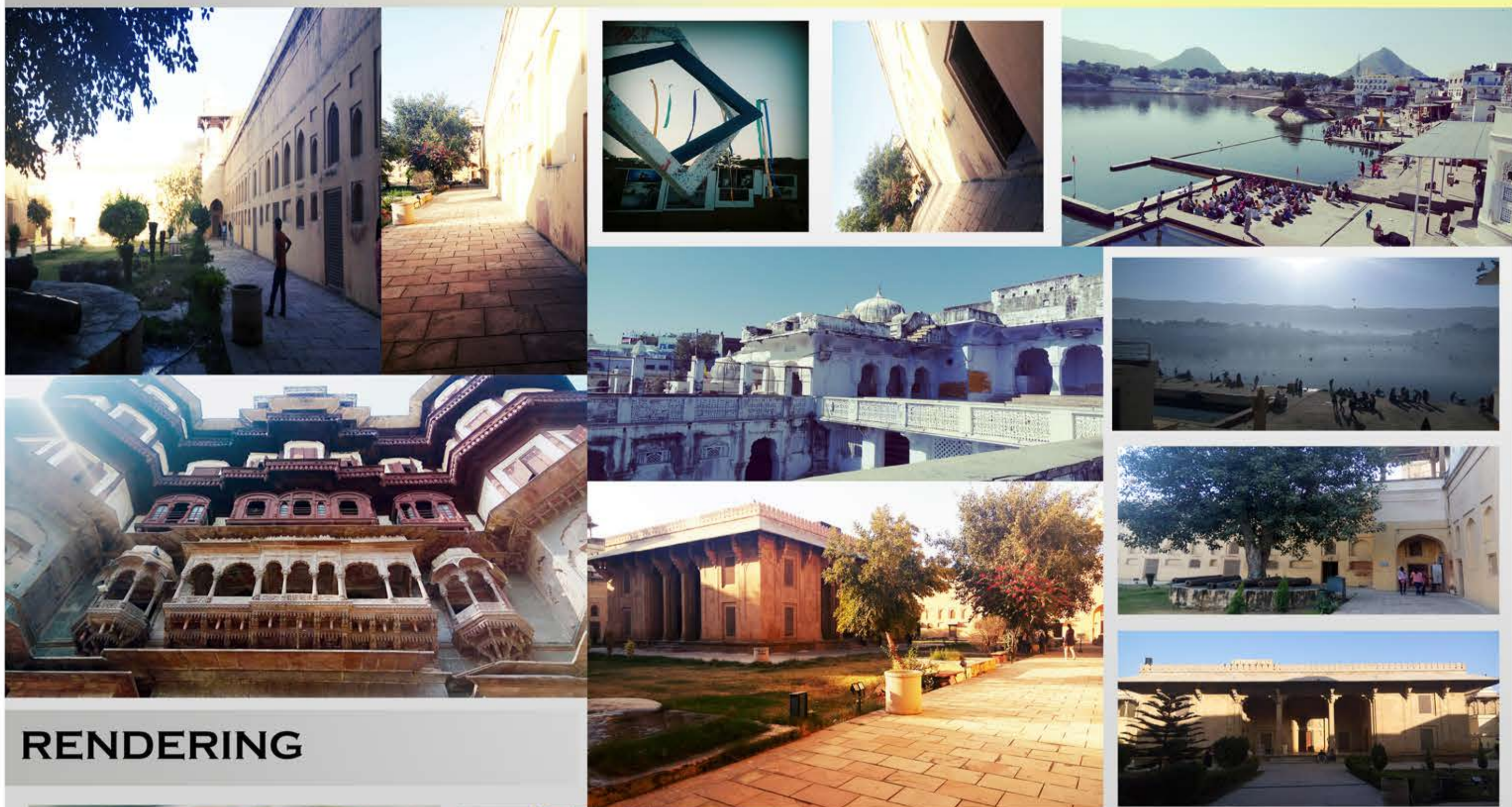
BIG BAZAAR COLLEGE ROAD NASIK

ABOUT BIG BAZAAR

BIG BAZAAR IS A COMMERCIAL PLACE OF HAVING GROCERIES, CLOTHS, OTHER DAILY NEED THINGS ALL TOGETHER UNDER ONE ROOF



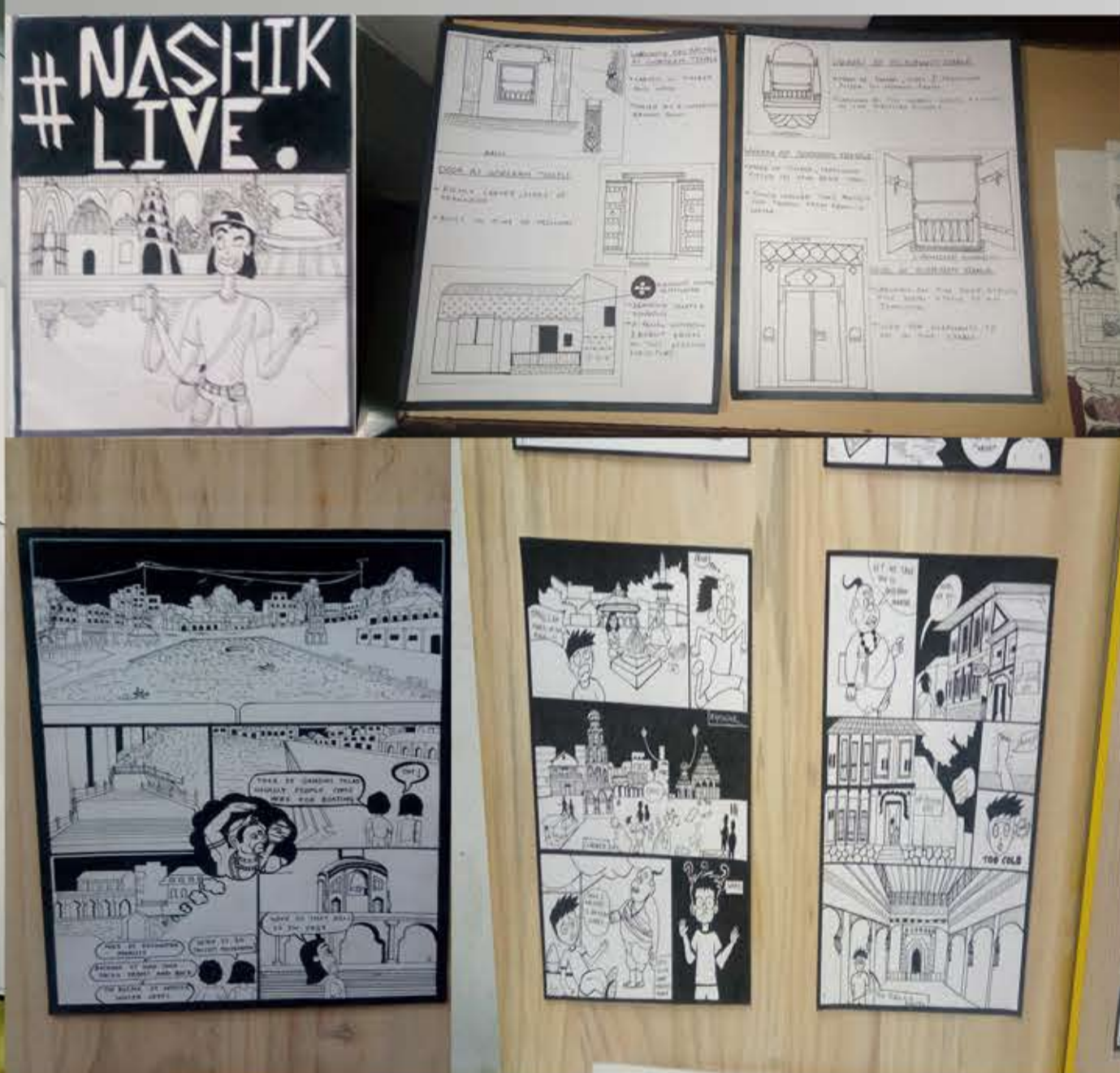
PHONE PHOTOGRAPHY



RENDERING



COMICS





If there is one thing i know .....  
its that i dont know everything but **i am working on that**



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