

UTKARSH
SURANA

ARCHITECTURE PORTFOLIO
PUNE UNIVERSITY

CURRICULUM VITAE

UTKARSH SURANA

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Date of Birth :- 20/10/1992

EDUCATION QUALIFICATION

School - De Paul English Medium School, Rahuri. (SSC - 83.35%)
Junior college - Shri Samarth Vidya Mandir, Ahmednagar. (HSC - 72.60%)
B.Arch. - Pad. Dr.D.Y.Patil College Of Architecture, Akurdi, Pune.

- 1st year B.Arch. - Higher Second class
- 2nd year B.Arch. - Higher Second class
- 3rd year B.Arch. - Higher Second class
- 4th year B.Arch. - First class
- 5th year B.Arch. - First class.

ACADEMIC PROJECTS

- 1st year -** Bus stop
Cultural Centre, Dapoli.
- 2nd year -** Farm house, Lonavala.
Lakeside Development, Badami.
Meditation center, Badami.
- 3rd year -** Blind School, Ravel.
Tourist Resort, Talegaon.
Community Center, Gandhinagar.
- 4th year -** IT / ITES Housing, Hinjewadi.
Five star hotel, Pune.
- 5th year -** (Thesis) Automobile Design Institute,
Pune.

OBJECTIVE

To work in progressive environment where I can learn and utilize my skills to act as a value contributor. To grab the opportunity of working with different people on a variety of projects that organization deals with.

SOFTWARE SKILLS

Revit , Autocad , Google Sketch up , Adobe Photoshop , Navisworks, Vray , Irender , Lumion , Microsoft Office.

WORK EXPERIENCE

- **Dar Al-Handasah, PUNE - (Professional work)**
Year - 2017, August to present.
Task - Worked on Council of Ministers building, Saudi Arabia & Al maktoum airport's short term car & staff car parking building.
- **Sanjeev & Mita Joshi Architects, PUNE - (Professional work)**
Architect - Ar. Sanjeev Joshi & Mita Joshi
Year - 2016, May to 2017, July
- **Desk Architecture & Urban designs, PUNE - (Professional work)**
Architect - Ar. Kunal Kelkar
Year - 2015, August to December
Task - Design development, Working drawings, 3D visualizations, Site visits, Coordination with consultants, Client meetings.
- **Integrid designs, PUNE - (Internship)**
Architect - Ar. Ravi Kadam
Year - 2014, June to October
Task - Working drawings, 3D visualizations, Coordination with consultants.

EXTRACURRICULAR ACTIVITIES

- Hosted and volunteered zonal NASA convention 2010 in college.
- Worked for ANDC trophy in 2011.
- Worked for REDESIGN competition in zonal NASA 2013 in Loni, Ahmednagar.
- Worked for HUDCO competition in annual NASA 2013 in Sonpat, Gurgaon.

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Professional work | Des.k Studio

COURTYARD IN AHMEDNAGAR

Professional work | Des.k Studio

AUTOMOBILE DESIGN INSTITUTE

Academic Work | 10 th Semester

INTERNSHIP WORK

Academic Work | 9 th Semester

IT/ITES HOUSING, PUNE

Academic Work | 8 th Semester

FIVE STAR HOTEL, PUNE

Academic Work | 7 th Semester

COMMUNITY CENTER, AHMEDABAD

Academic Work | 6 th Semester

EXTRA CURRICULAR ACTIVITIES

Academic Work | 10 th Semester

BUNGALOW IN PUNE

PROFESSIONAL WORK



INTRODUCTION

This bungalow in prime location of Pune belongs to a family of a 6 people. Client is well reputed businessman & builder in Pune. Plot has road on three side. Surrounded by residential buildings.

DETAILS

- Client : –
- Status : Flooring completed
- Year : 2016 - ongoing
- Site Area : 438.20 sqm.

BRIEF

Client was very clear about requirements , feel & all other basic stuff for his bungalow. He was of that view that he wanted minimalist exterior as well as interior. He didn't want any false ceiling and fancy stuff. He wanted swimming pool on the terrace. Light & ventilation in bungalow was one of his major priority.

CONTRIBUTION

I was involved in this project at stage of 2nd slab casting. Worked & co-ordinated working drawing in office & site. Attended & involved in weekly site visits as Project Architect.

- Coordinated with structural on consultant & worked upon structural drawings.
- Worked on working drawings including masonry, fabrication, electrical, plumbing etc.
- Prepared presentation drawings for different proposals.
- Prepared 3D visualizations for client.
- Prepared proposals & working drawing details for toilets. Co-ordinated for the same with site engineer.
- Prepared working drawing for interior proposals.
- Coordinated with different consultants such as AC, swimming pool, RCC consultant.



3D VISUALIZATION



Sanjeev - Mita Joshi Architects

FLOOR PLANS



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR



TERRACE FLOOR

LIVING ROOM

- It is attached with extended court with trees. It brings sense of merging outdoor spaces in indoor area.
- First class brick cladding is used on highlighter wall. Same element is used on external elevation.

FAMILY ROOM

- Family room is combined with pooja room. It also has feature wall in first class brick.

DINNING

- Location of dinnig is such that it sits in middle of kitchen & green court area. Thus serving purpose of practicality & recreational thing.



Living room



Dinning



Family room



In laws bedroom



In laws bedroom toilet



Daughter's bedroom toilet



Master bedroom

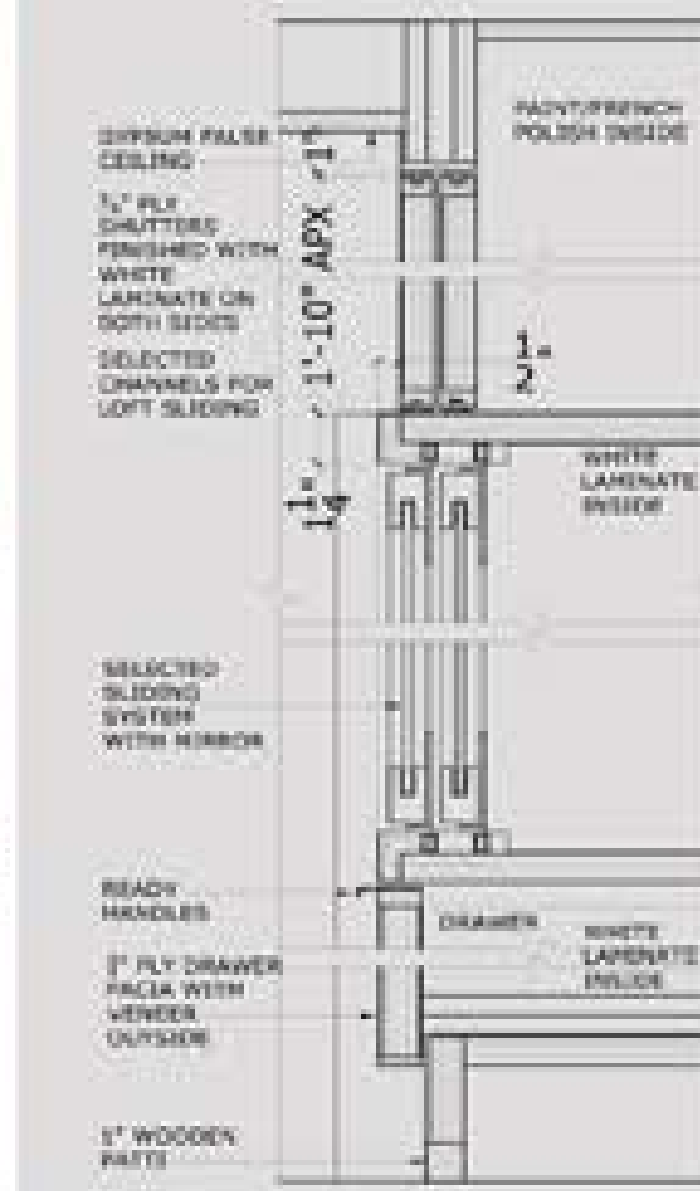


Master bedroom toilet

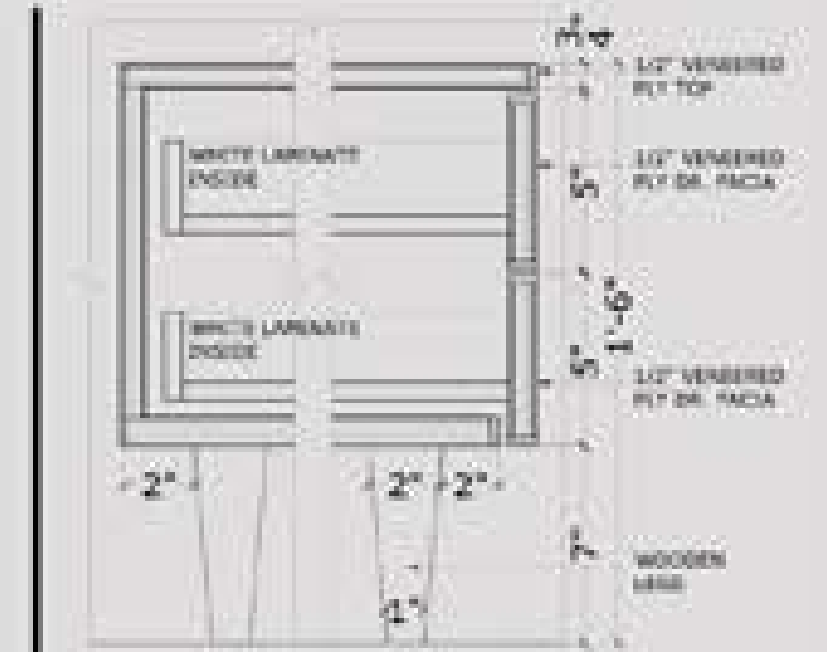


Parent's bedroom toilet

SELECTED WORKING DRAWINGS



WARDROBE DETAIL



SIDE UNIT DETAIL



W.B. COUNTER DETAIL

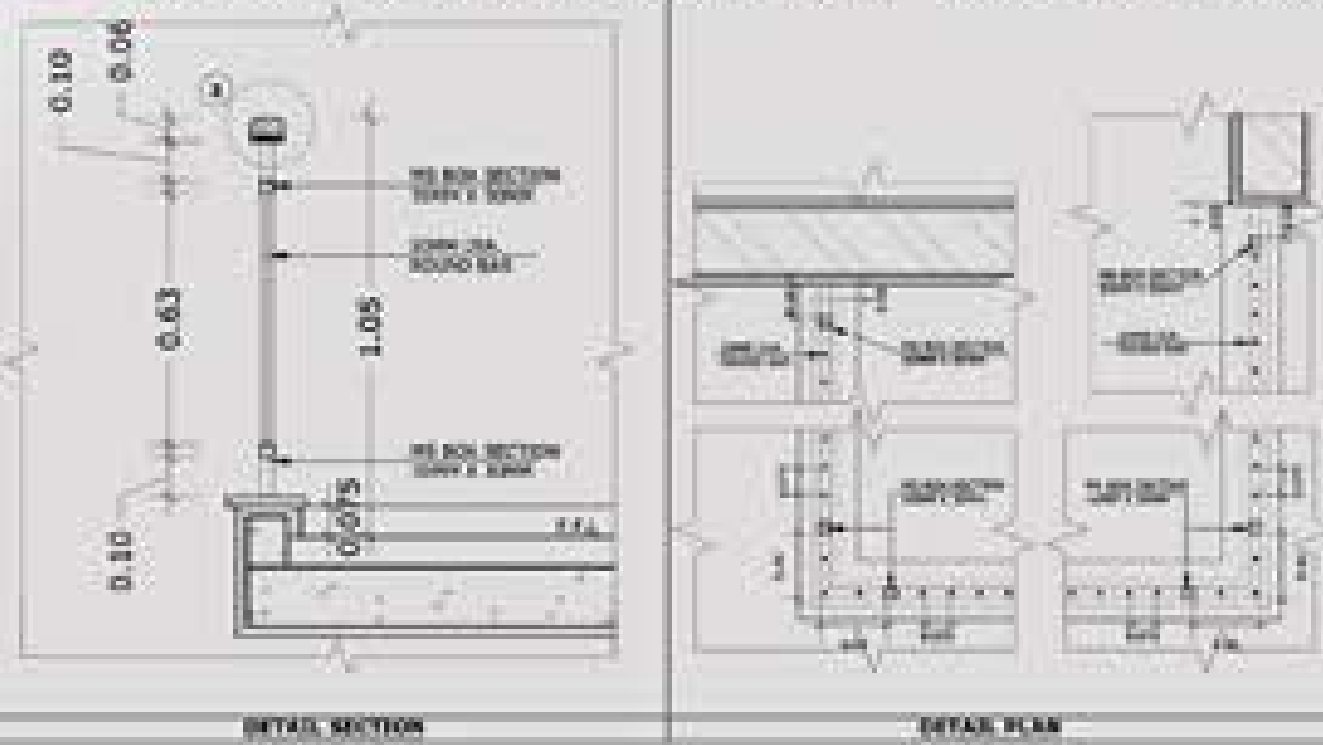


BED DETAIL

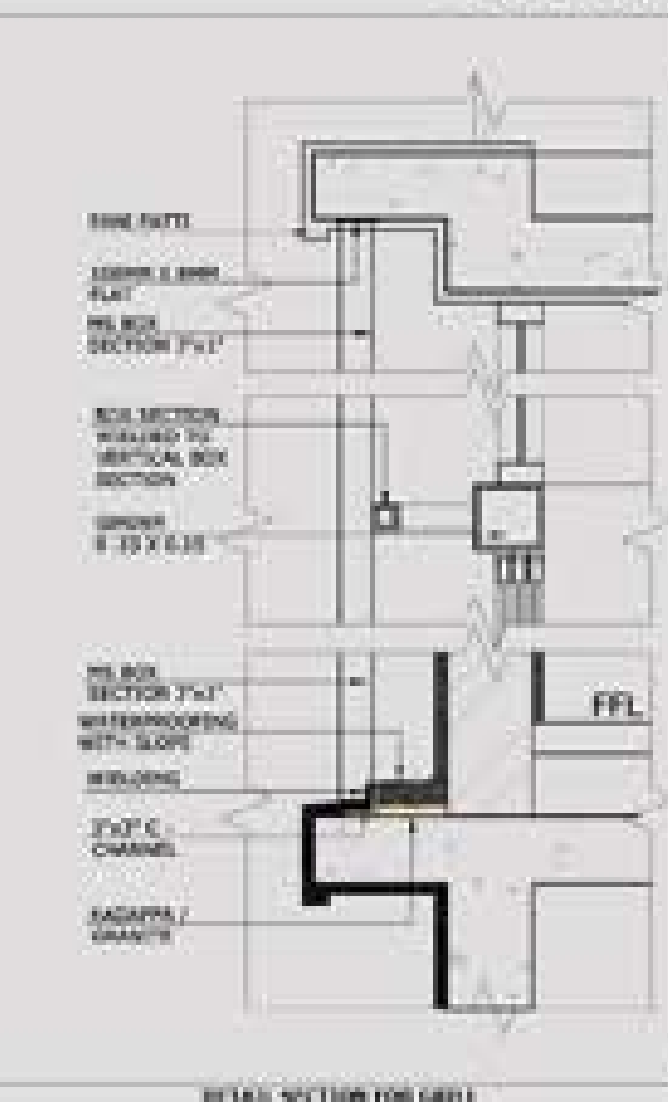


WINDOW FRAME DETAIL

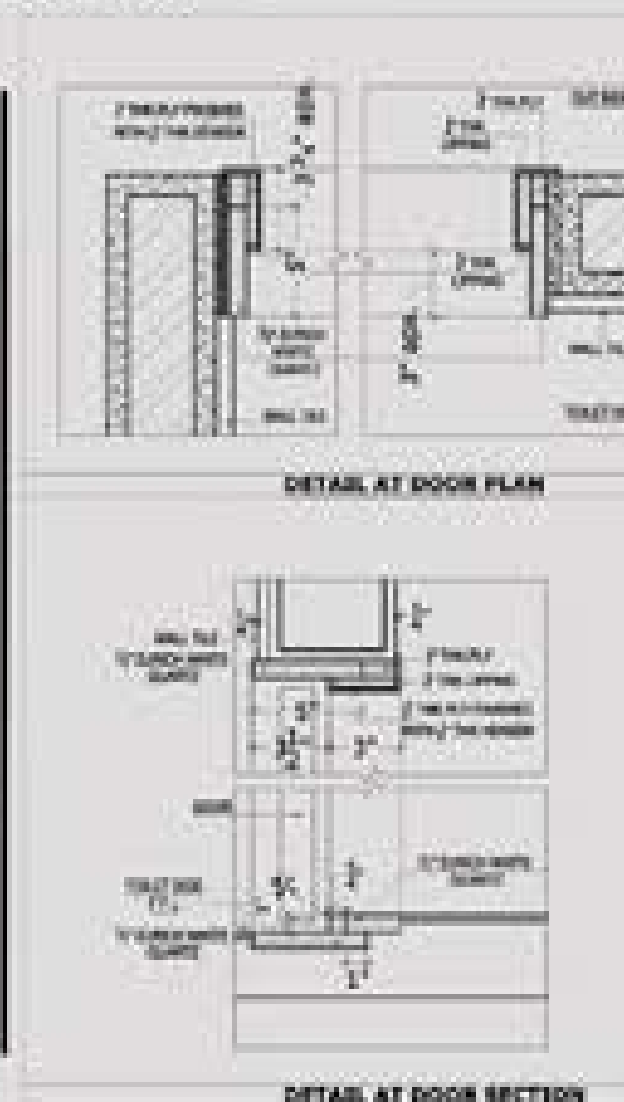
SELECTED WORKING DRAWING



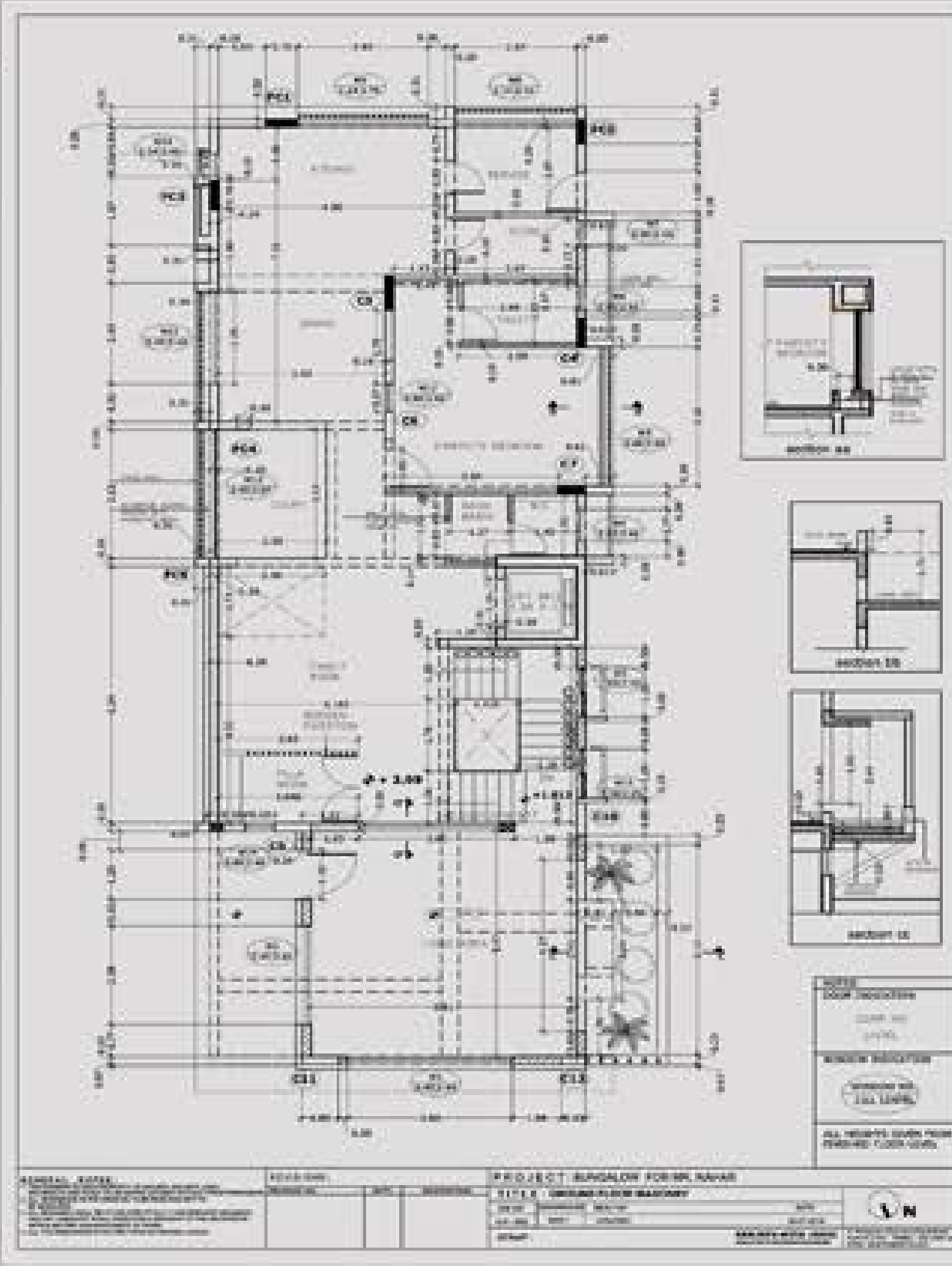
RAILING DETAILS



GRILL DETAILS



TOILET DOOR DETAILS



MASONRY DRAWING



Brick pattern on front facade



Terrace



Front elevation

ON SITE IMAGES



Daughter's bedroom toilet



10 laws bedroom toilet



Parent's bedroom toilet

FARMHOUSE AT BHUGAON

PROFESSIONAL WORK



INTRODUCTION

This farmhouse is proposed on the outskirts of Pune in village located called bhugaon. Site is surrounded by roads on two sides. It is contoured site with slope of 1M at each contour.

DETAILS

- Client : Mr. Sanzgiri, Pune
- Status : Sanctioning stage
- Year : 2017 - 2018
- Site Area : 3777 sqm.

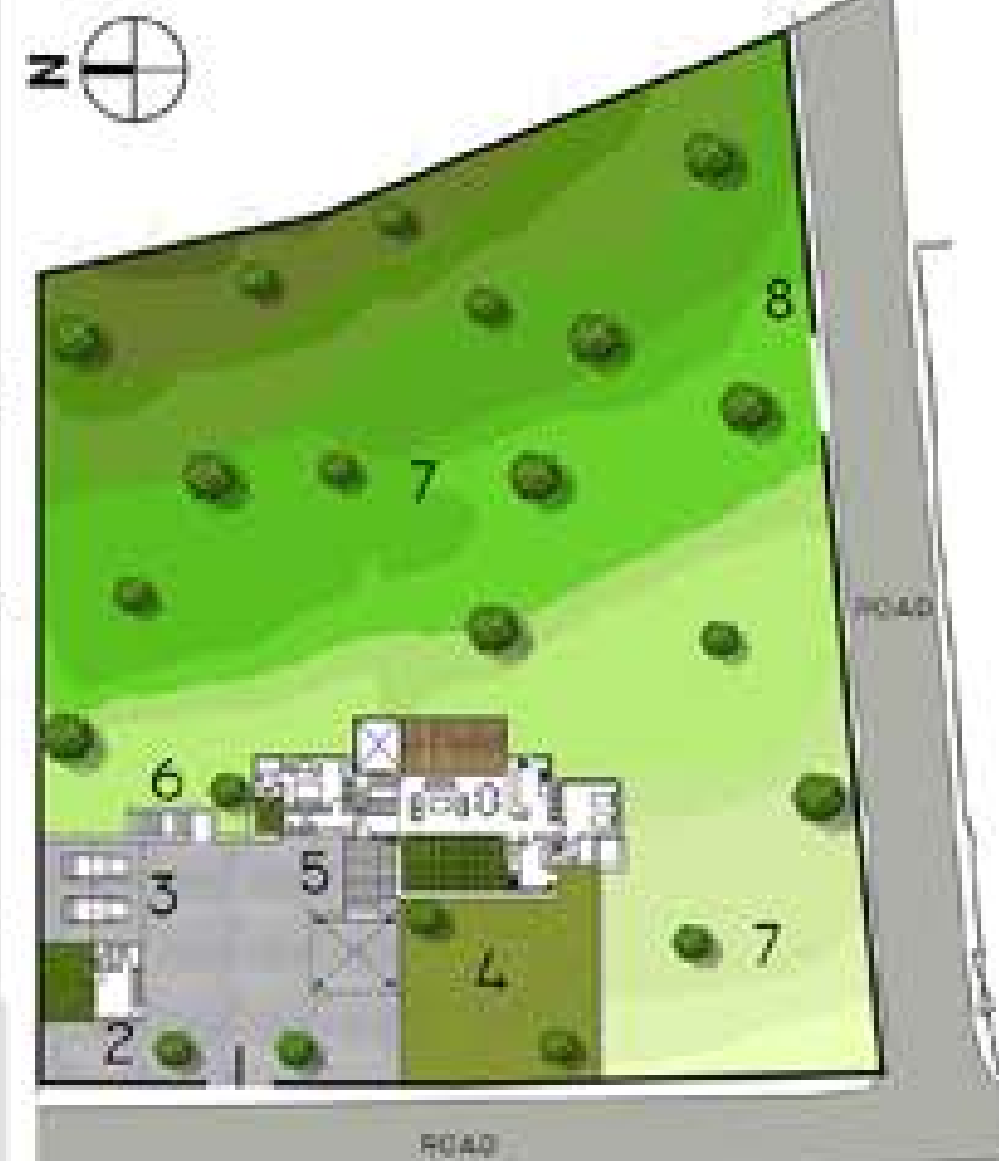
BRIEF

Client had this plot on outskirts of pune for sole purpose of building farmhouse. He wanted it as weekend home. His budget was limited. He wanted to keep plan of farm house simple.

CONTRIBUTION

I am involved in these project from designing to present stage.

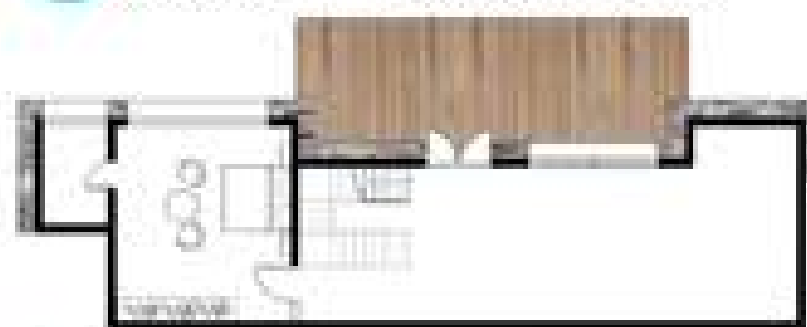
- Prepared intial design & presentation drawings.
- Prepared 3D visualizations in sketchup.
- Held meeting with client regarding design proposal.
- Co-ordinating with structural Engineer for all the drawings related to it.



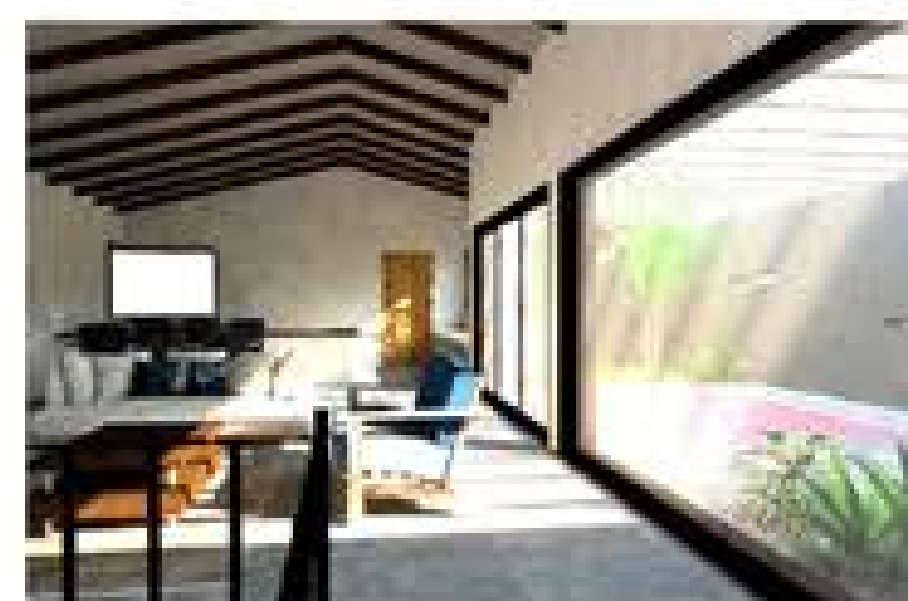
- | | |
|----------------------|----------------------------|
| 1. Entrance | 2. Service entry |
| 3. Car parking | 4. Garden |
| 5. Entrance porch | 6. Staircase to plantation |
| 7. Fruits plantation | 8. Service entry |



GROUND FLOOR PLAN



LOWER LEVEL FLOOR PLAN



Sanjeev - Mita Joshi
Architects & Interior Designers



ROW HOUSE IN PUNE

PROFESSIONAL WORK



INTRODUCTION

This row house is situated in Baner, Pune. It was 10 year old building in housing society. Client has family of 5 people.

DETAILS

- Client : Mr. Apte
- Status : Completed
- Year : 2016 - 2017
- Site Area : 438.20 sqm.

BRIEF

Client has modern family of 5. Originally row house had only 3 bedrooms, congested dining space with no daylight. They wanted one extra bedroom & to open up spaces all the rooms. They wanted to do interiors of all the rooms with extensions of living room merging into outdoor open space.

CONTRIBUTION

- I was involved in this project from starting till finishing.
- Worked & co-ordinated working drawing in office & site.
- Attended & involved in weekly site visits as Project Architect.
- Coordinated with contractors, different agencies also attended selection visits with client & Architect.
- Worked on working drawings including masonry, fabrication, electrical, plumbing etc.
- Prepared presentation drawings for different proposals.
- Prepared 3D visualizations for client.
- Prepared proposals & working drawing details for toilets.
- Prepared working drawing for interior proposals.

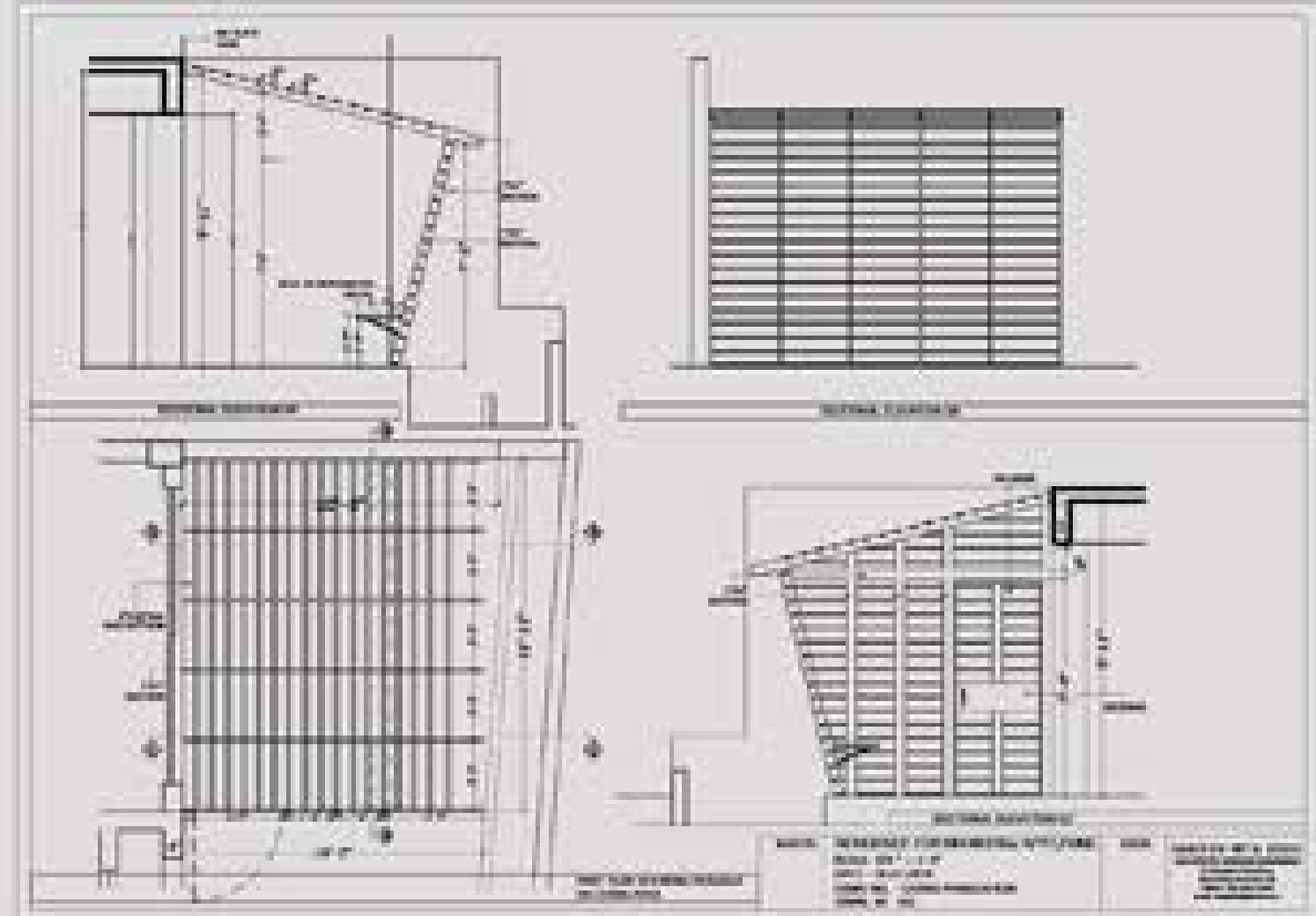


FIRST FLOOR PLAN

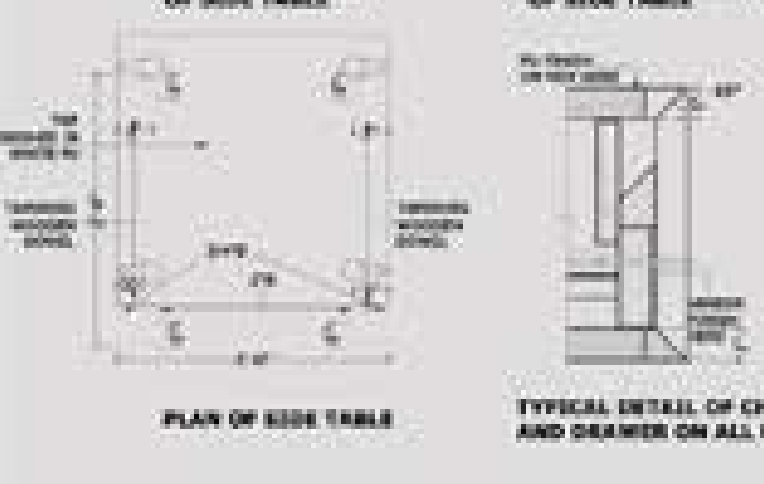
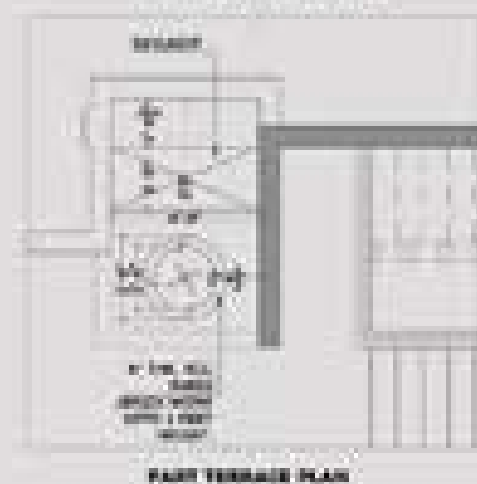
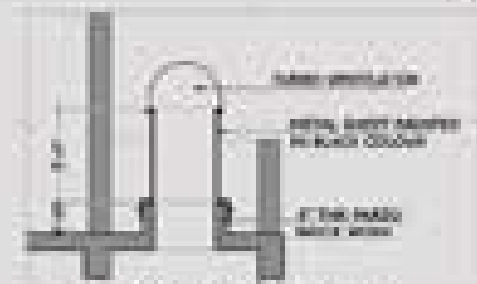


Sanjeev - Mita Joshi Architects

SELECTED WORKING DRAWING

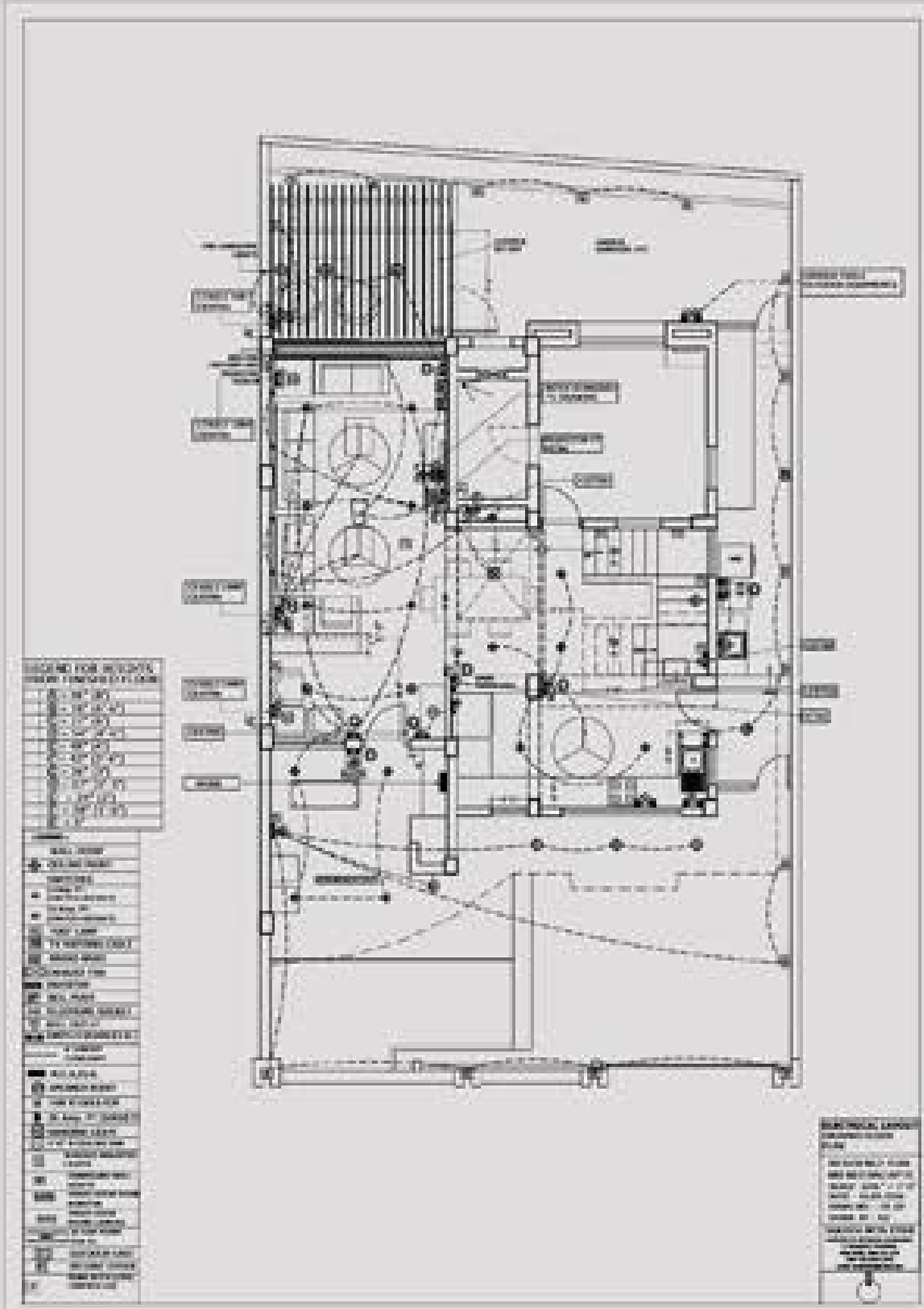


PERGOLA DETAILS



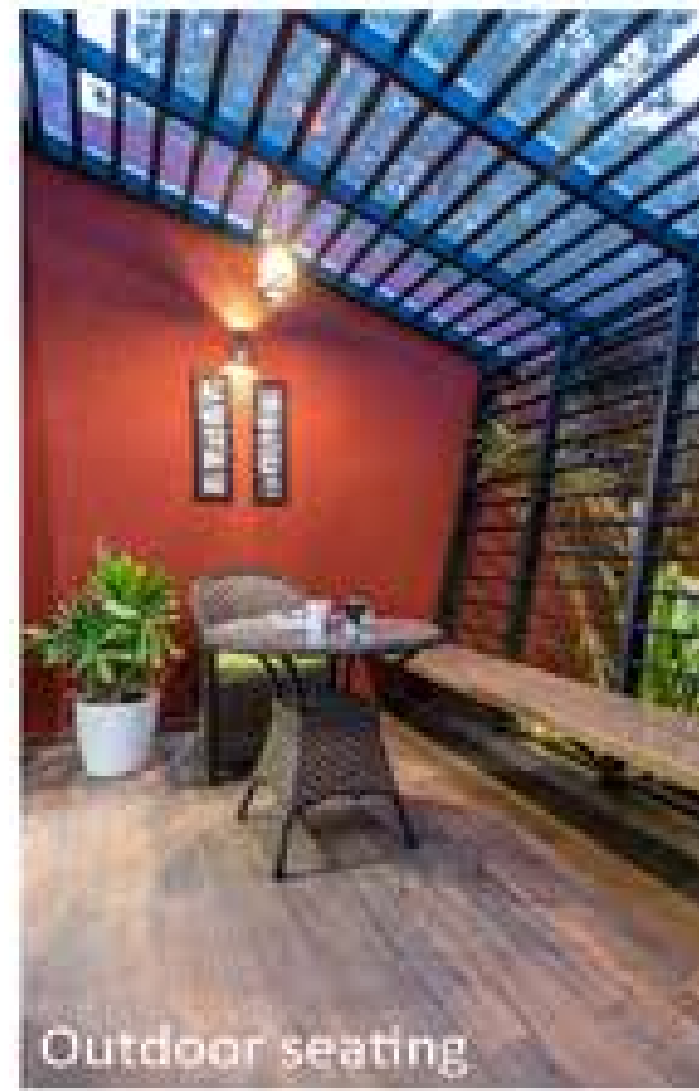
TURBO DETAILS

SIDE TABLE DETAILS



ELECTRICAL LAYOUT

ON SITE IMAGES



RESTAURANT AT KARAD.

PROFESSIONAL WORK



INTRODUCTION

This restaurant is to be built in Karad, Satara on Karad - Chiplun highway. Location of plot is such that it has college, RTO (government offices), residential colony's in near by vicinity. As there are no such restaurants in neighbourhood so there is great scope for it.

DETAILS

• Client : Mr. Bamne, Karad • Status : Designing stage
• Year : 2015 - 2016 • Site Area : 678.18 sqm.

BRIEF

There was no such brief from client regarding how he wants restaurant. He had given freehand in designing but had budget limit of 15-20 lakhs.

CONTRIBUTION

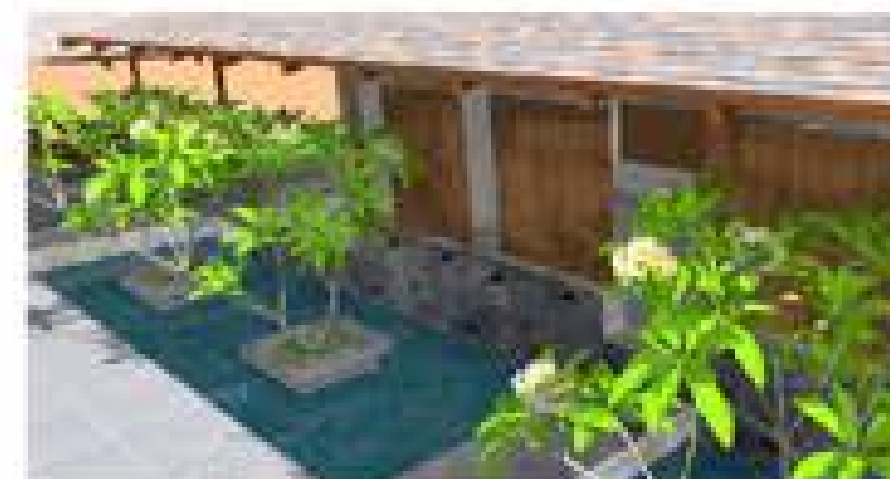
Tam involved in this project with Ar. Abhijeet Angolkar as an associate. He is Principle Architect at AAD design studio, Pune. We both are working on this project to build a restaurant which will be par excellent in design & to fit in budget limit of client.

- Prepared intial design & presentation drawings.
- Prepared 3D visualizations in sketchup
- Held meeting with client regarding design propsal.
- Co-ordinating with structural Engineer for all the drawings related to it.
- Currently preparing working drawings for the same.



LEGEND

- | | |
|--------------------|-----------------|
| 1. Entrance plaza | 2. Seating 'A' |
| 3. Outdoor seating | 4. Washrooms |
| 5. Seating 'B' | 6. Waiting area |
| 7. AC seating 'C' | 8. Kitchen |
| 9. Service entry | 9. Parking |



COURTYARD, AHMEDNAGAR.

PROFESSIONAL WORK



INTRODUCTION

'The Courtyard' is a project by Marc Constructions in Ahmednagar. It has **three residential towers** with **one commercial tower** for office spaces & shops. It is one of the biggest upcoming projects in Ahmednagar which cater to rising demands.

DETAILS

• Client : Marc Constructions • Status : Launching soon
• Year : 2015 - 2016 • Site Area : 14000 sqm.

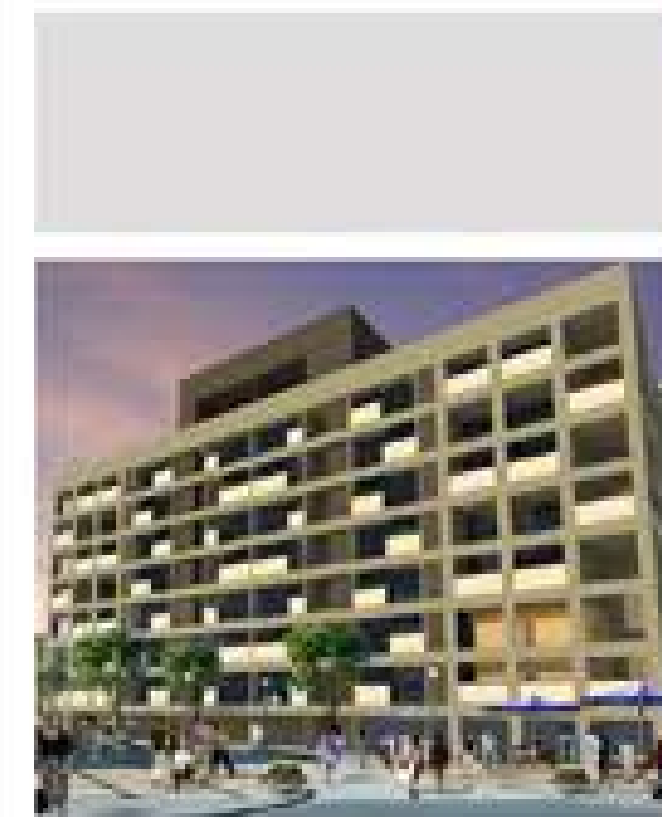
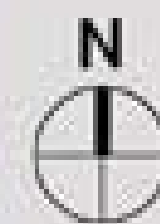
BRIEF

Client wanted to develop a commercial & residential project in developing market of Ahmednagar. They were basically **catering upper middle class group** for this project & wanted to be different than other projects in city.

CONTRIBUTION

I was involved in this project after basic planning of residential part was done. I handled commercial tower from designing stage to submission drawings.

- Worked on design of commercial building.
- Prepared presentation drawings.
- Prepared 3D visualizations for client.
- Prepared elevation options for residential as well as commercial building.
- Worked on submission drawing for the project.
- Coordinated with consultants.



des.k architecture & urban design

AUTOMOBILE DESIGN INSTITUTE, PUNE.

FIFTH YEAR B.ARCH.



INTRODUCTION

Automotive design is the profession involved in the development of the appearance, and to some extent the ergonomics, of motor vehicles or more specifically road vehicles. An institute for automobile design is one of the **most popular and upcoming** in India that deals with a very new topic, which has **not been completely developed** in India. Automobile design courses at these campus will equip the learners with the required knowledge and skills to be professional Automobile designer. **Training students** in several Automobile design disciplines through professional programmes. Providing apprenticeship, training opportunities at studios. Propogating design awareness through **lectures, seminars, workshops & short term programmes** and through display and sale of new products and technologies designed by the students and faculty.



WHY PUNE?

Pune is **major hub in automobile industry** and it is also **famous for education facilities**. The automotive sector is prominent in Pune. All sectors of the automotive industry are represented. It would help to nurture knowledge about automobile designing and learn in interactive way. The main aim would be to help and **create automobile knowledge hub** with creative and ecofriendly aspects in Pune.

PROJECT HIGHLIGHTS

- Location - Pimpri, Pune.
- Coordinates - 18°37'17.80"N
73°48'53.11"E
- Site Area - 44,700 Sqm.
- Builtup area - 21,300 sqm.
- FSI - 1.00



SITE PLAN



LEGEND

- 1 - Entrance
- 2 - Parking
- 3 - Admin Building
- 4 - Academic Building
- 5 - Workshops
- 6 - Canteen
- 7 - Exhibition Center
- 8 - Auditorium
- 9 - Seminar Hall
- 10 - Girls Hostel
- 11 - Boys Hostel
- 12 - Hostel Mess
- 13 - Faculty Residences

SITE

Pimpri - Chinchwad is satellite city of Pune. It houses many **automobile industries** as well as related industries hub of Pune. Site is located in Pimpri **adjacent to old Pune Mumbai highway**. The location of site with respective latitude & longitude is **18°37'17.80"N 73°48'53.11"E**.

REASON FOR SELECTION

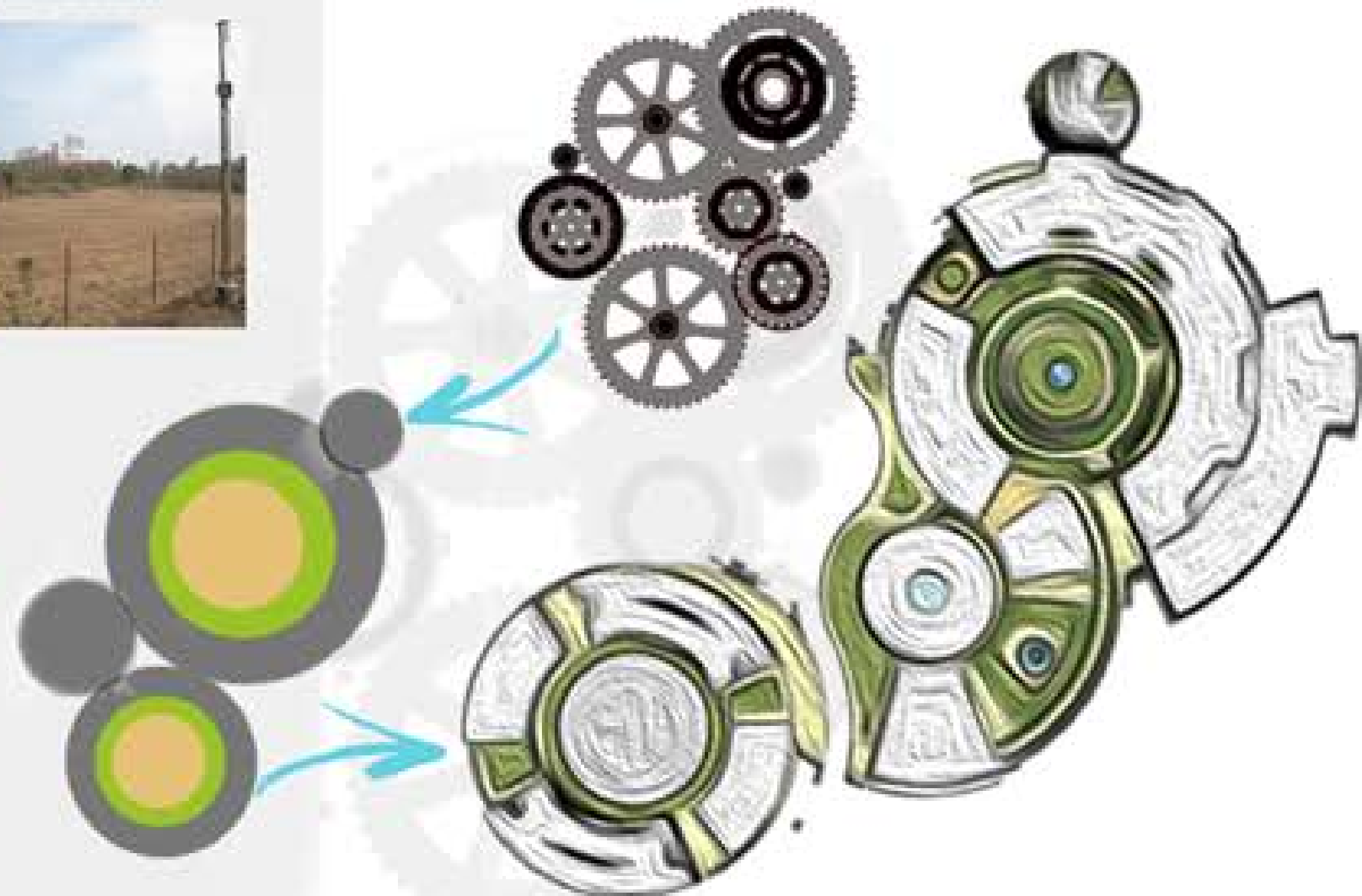
Located in Pimpri. Near to many **automobile industries and research facilities**.
Direct exposure to students in **Industrial activities**.
Easily accessible through road and rail transport.
Located in land **reserved for educational institute**.

- Education zone
- Green zone
- Bus stand
- Residential zone



CONCEPT

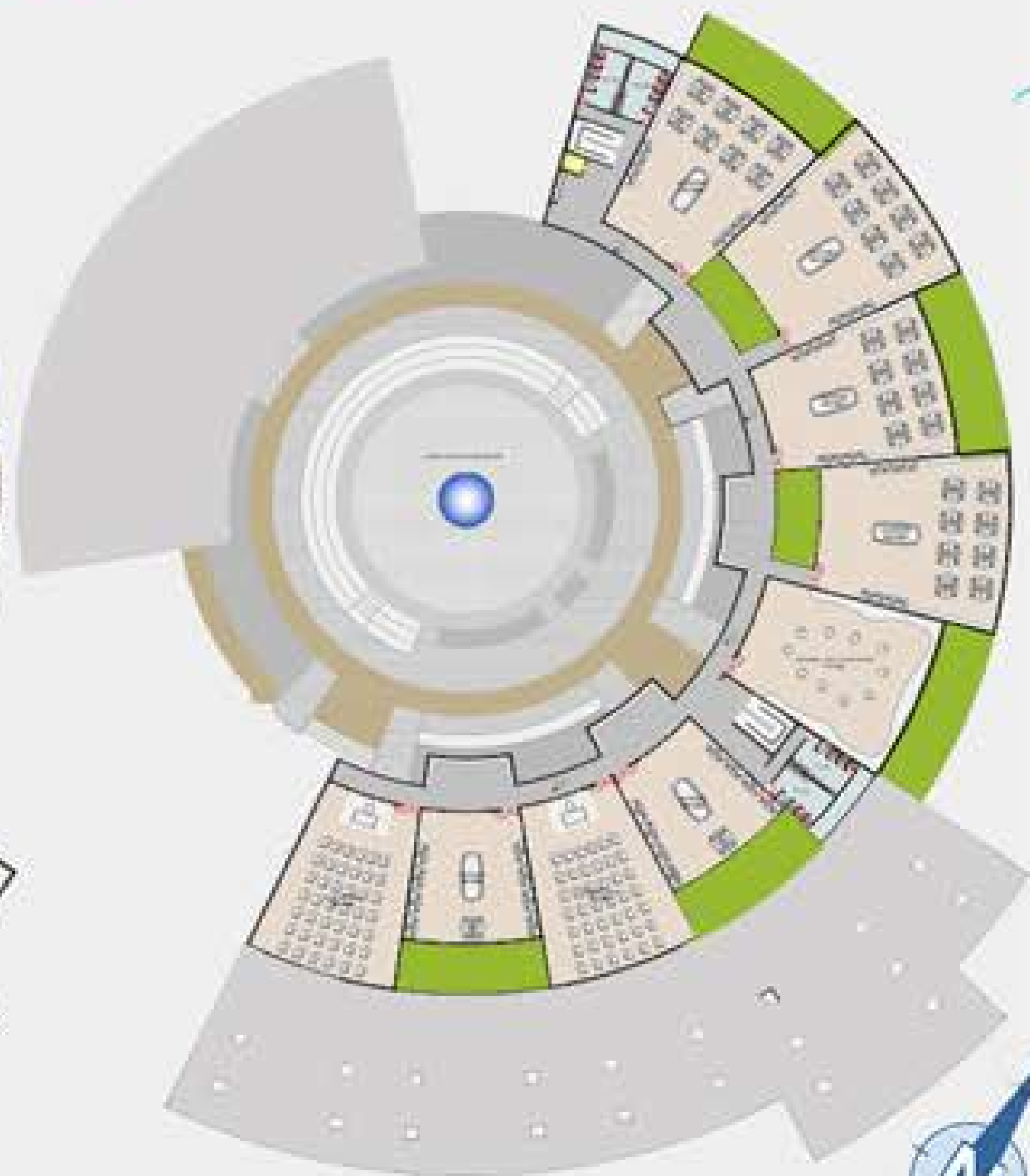
Conceptual form of building was derived from the **mechanical wheels** used in many of automobile parts as well as engine. They help in **smooth functioning** of respective part. So this inspired me to derive layout of design using these. It also creates **segregated spaces but connected in certain manner**. Central spaces from plaza which can be used for many interactive activities.



ACADEMIC BLOCK



GROUND FLOOR PLAN



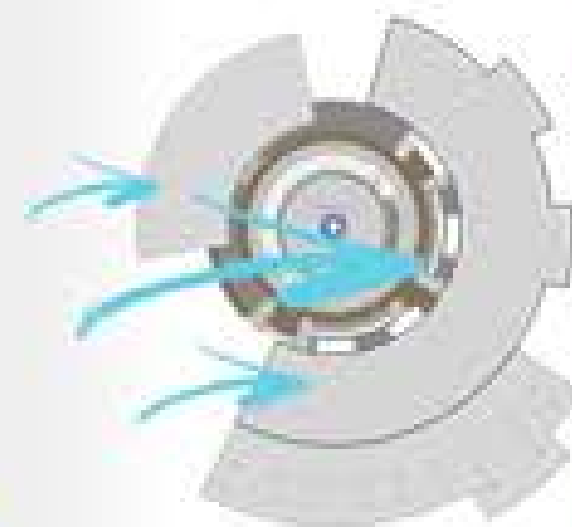
FIRST FLOOR PLAN



DESIGN FEATURES

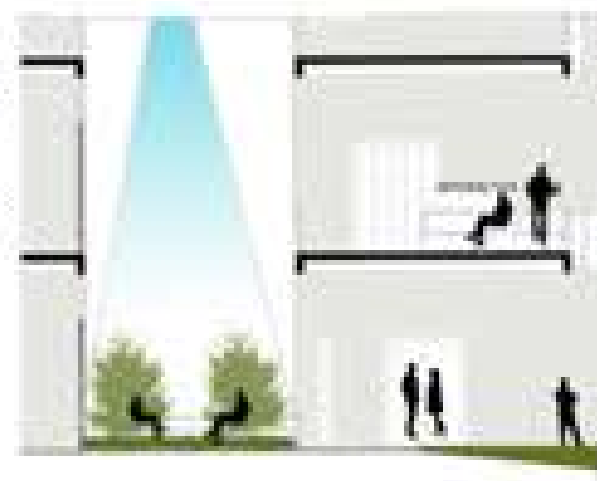
WIND DIRECTION

Openings of academic blocks are placed in such a manner that they receive continuous flowing wind from southwest side. Central water body & trees also help in cooler wind as well as cooler outdoor environment.



STUDIO GARDEN

Studio blocks at each level are staggered to allow space for a dedicated semi open garden for each studio. This also allows a good vista for studio & the green buffer reduces the heat penetrations.



Section through studio

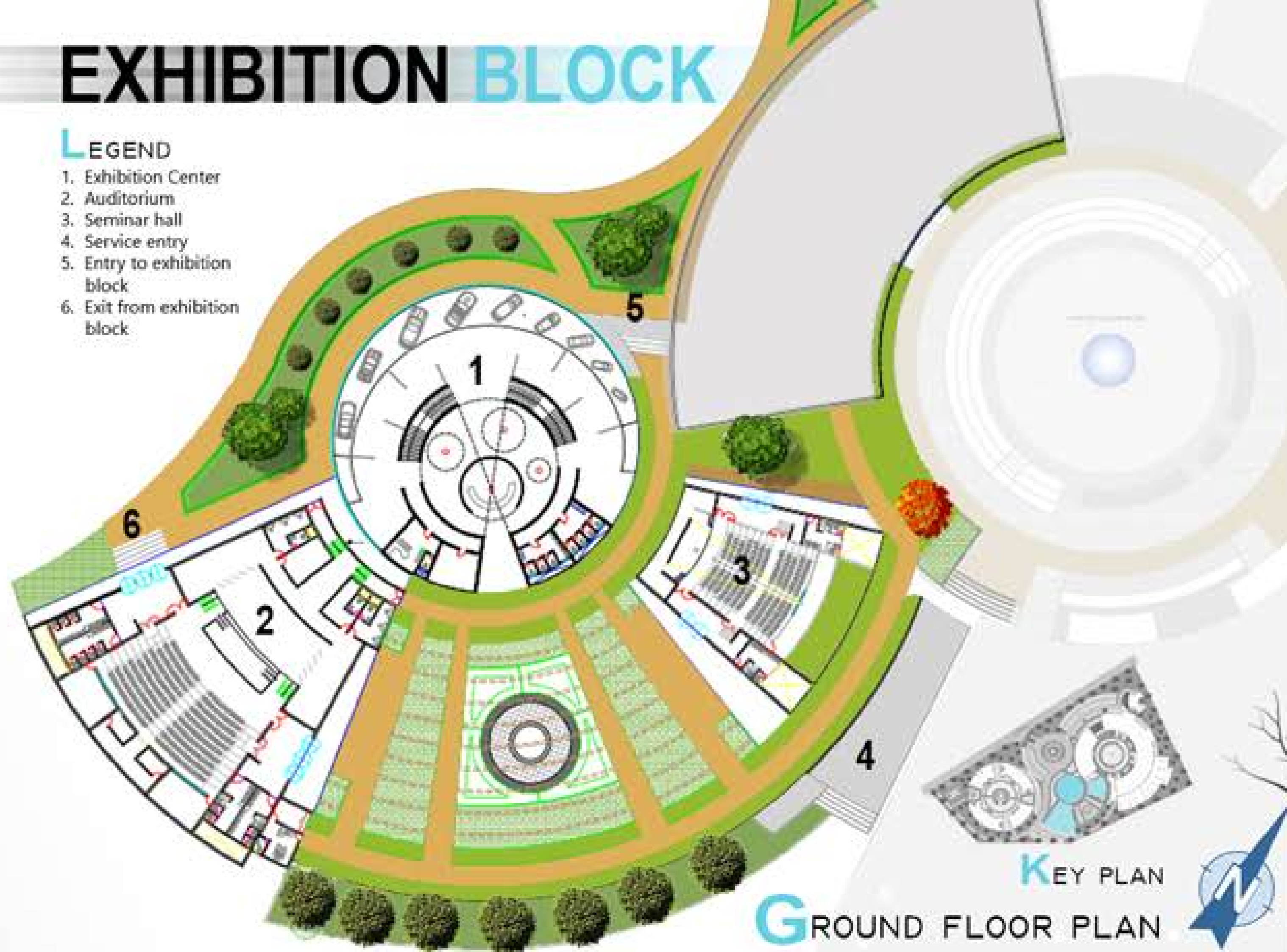


Longitudinal Section

EXHIBITION BLOCK

LEGEND

- 1. Exhibition Center
- 2. Auditorium
- 3. Seminar hall
- 4. Service entry
- 5. Entry to exhibition block
- 6. Exit from exhibition block



KEY PLAN
GROUND FLOOR PLAN

DESIGN FEATURES

TRANSITIONAL OUTDOORS

The master planning of exhibition area is done in such a way that all mob from auditorium, seminar hall and exhibition center will have **transition space** as well as **recreational space**. Open landscape pattern in middle will allow people to **gather, interact** with each other. This will also act as transition space for all activities.

The whole space is **loud response to the built mass and also imparts character to the land-art.**



PATHWAYS

Strong connectivity between spaces through pathways **making easy connection** through rest of buildings in campus. Thus it helps school as an open space with **providing working environment** which ease for faculty and student to teach, learn, and interact also act as transition space for all activities.



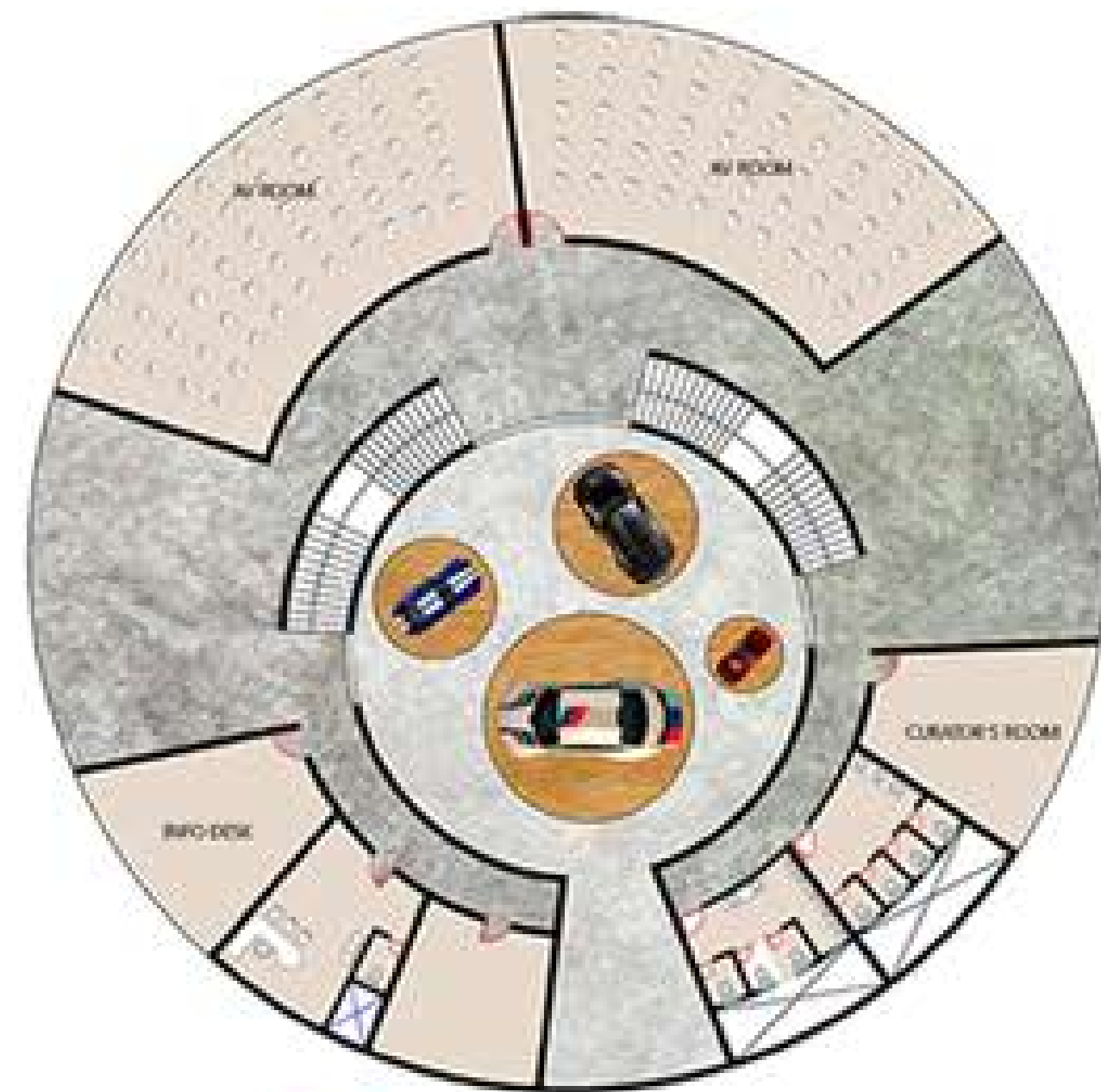
Longitudinal Section through exhibition center & seminar hall.

EXHIBITION CENTER

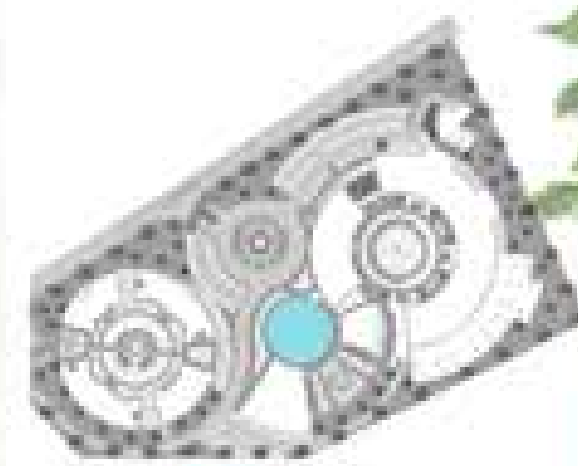
Exhibition center is included in institute to cater two purposes. It shall serve as a platform for students of college to showcase there work to people as will it will act as an information center regarding latest technologies in automobile sector. It help in promotion of automobile designing as well as awarness among genreal public.



GROUND FLOOR PLAN



FIRST FLOOR PLAN



KEY PLAN



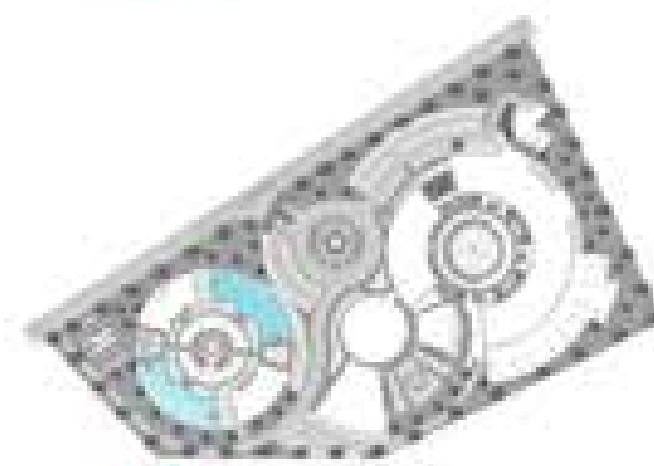
Longitudnal Section

HOSTEL BLOCK



GROUND FLOOR PLAN

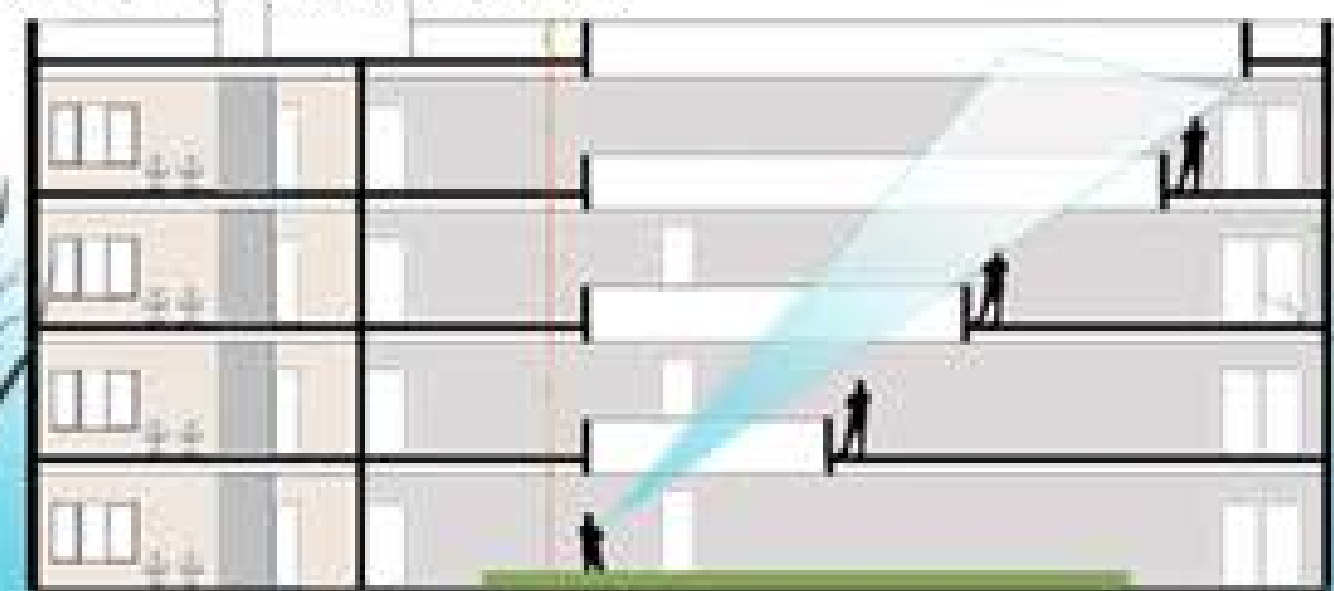
TYPICAL FLOOR PLAN



KEY PLAN

Hostel comprises 40 rooms at 4 levels. Central plaza for hostel blocks serves as a recreational space. Rooms overlook to the *central spine*.

This central spine serve as an *interactive space* and allows air movement. Faculty residence is situated between girls & boys hostel.



CANTEEN BLOCK



Canteen is located near academic block thus providing ease of access to students, faculty as well as visitors.

Outdoor as well as indoor seating is provided which allows varieties of spaces for users.

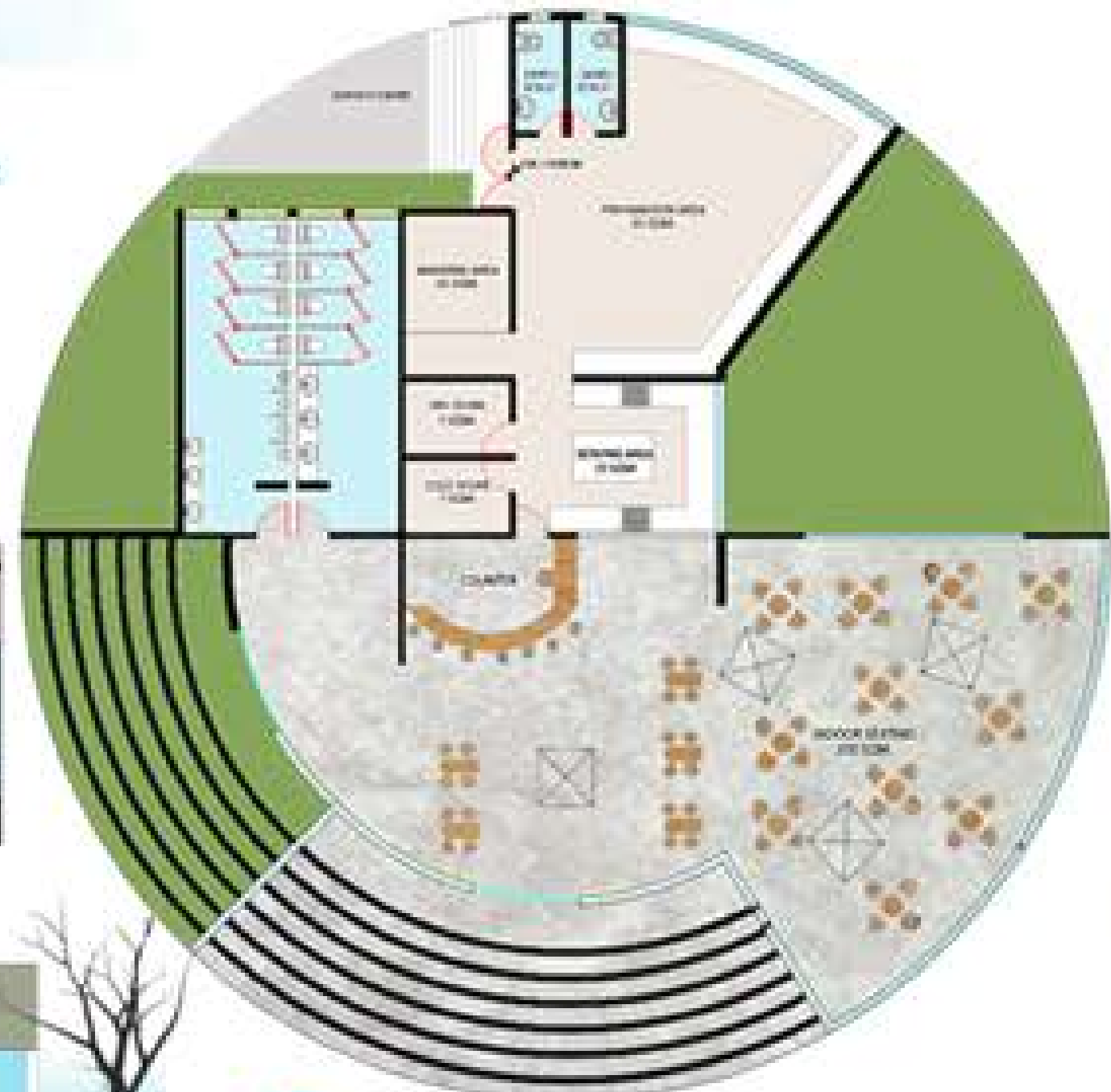
DESIGN FEATURES

Canteen is provided with light cannon which grabs north light and direct it into seating area as well as kitchen.

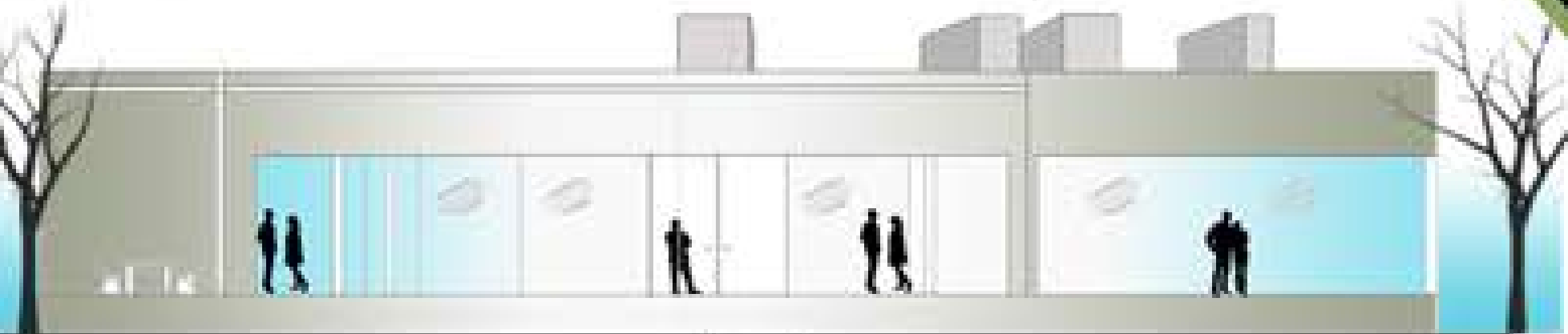
Thus, providing north light which is not harsh and creating soothing atmosphere in canteen.



Part section



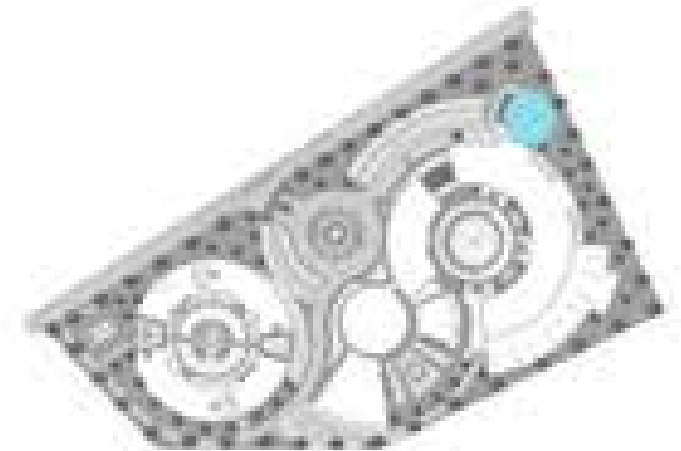
G

ROUND FLOOR PLAN

Elevation



Longitudinal Section through canteen



K

EY PLAN

WALK THROUGH



INTERNSHIP WORK

AT INTEGRID DESIGNS, PUNE UNDER AR. RAVI KADAM.



SATARA AUDITORIUM, SATARA.
Location - Satara, Maharashtra. Client - Zilla Parishad, Satara.
I was given opportunity to design interior of Yashwantrao Chavan Auditorium, Satara while doing my internship there. These project was government project so all the quantities as well as materials were finalised earlier in tender. So it was challenging task to design a interior for it in restricted materials as well as quantities. As per tender I tried to use combination of granites in toilet as well as entrance lobby giving it a contemporary look. I also designed jaali for entrance lobby which created interesting shadow patterns.



TOILET VIEWS

LOBBY VIEWS

IT / ITES HOUSING, PUNE

FOURTH YEAR B.ARCH

INTRODUCTION

'IT / ITES housing' term itself explains the project. This fourth year project was given keeping in mind so that we can understand the *changing scenario of urban development* and considering the needs of IT professionals. Site was located in *Nere village near Hinjewadi, Pune*. Hinjewadi is place where most of IT companies are located. Site has *gradual slope and was adjacent to small canal* with open spaces surrounding it. On south east side there was Sahara cricket stadium and on south west side gave axis to view of hills. *Area of site is 30,000 SQ.M*. Around 10% of total land area is to be left for open space and 5 to 15% of land area to be left for amenity space & road width.



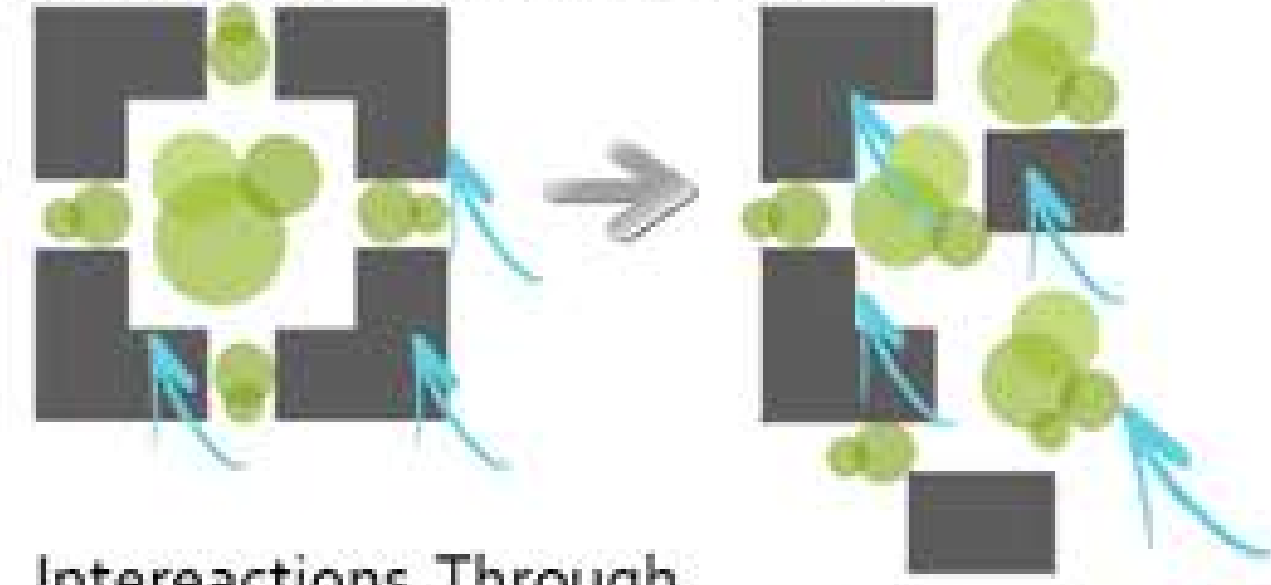
BRIEF REQ.

1. Tenaments for 200 people.
2. 10% of open spaces.
3. 15% of amenities.
4. 10% of roads.
5. 30% ground coverage.
6. 3% of service area.



CONCEPT

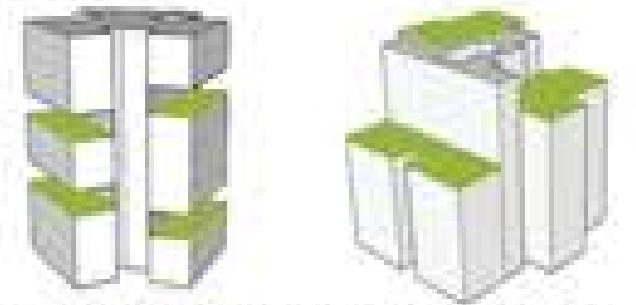
It was important to consider users while designing i.e. IT professionals. So there busy life has been consider in mind.



Interactions Through

Intersections

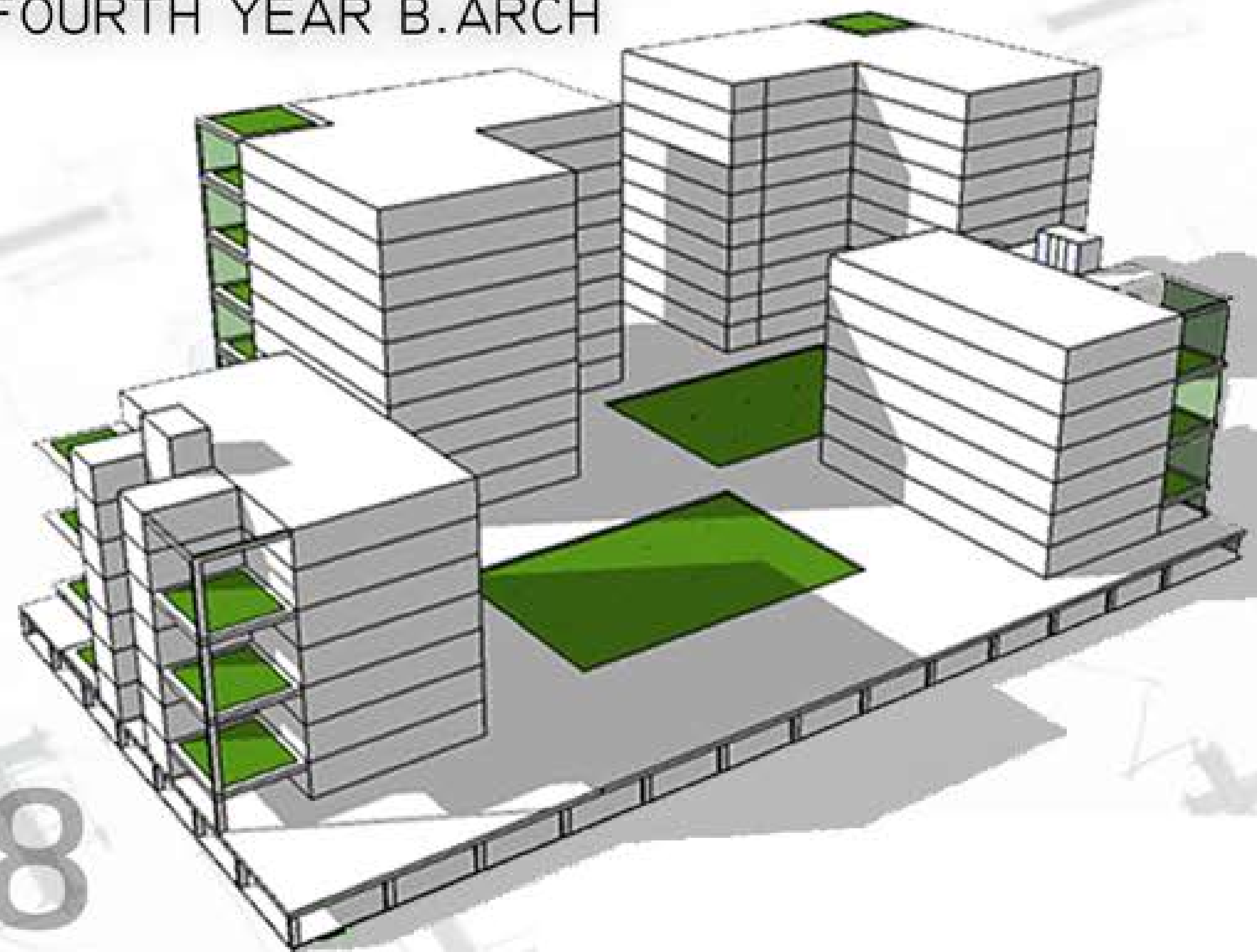
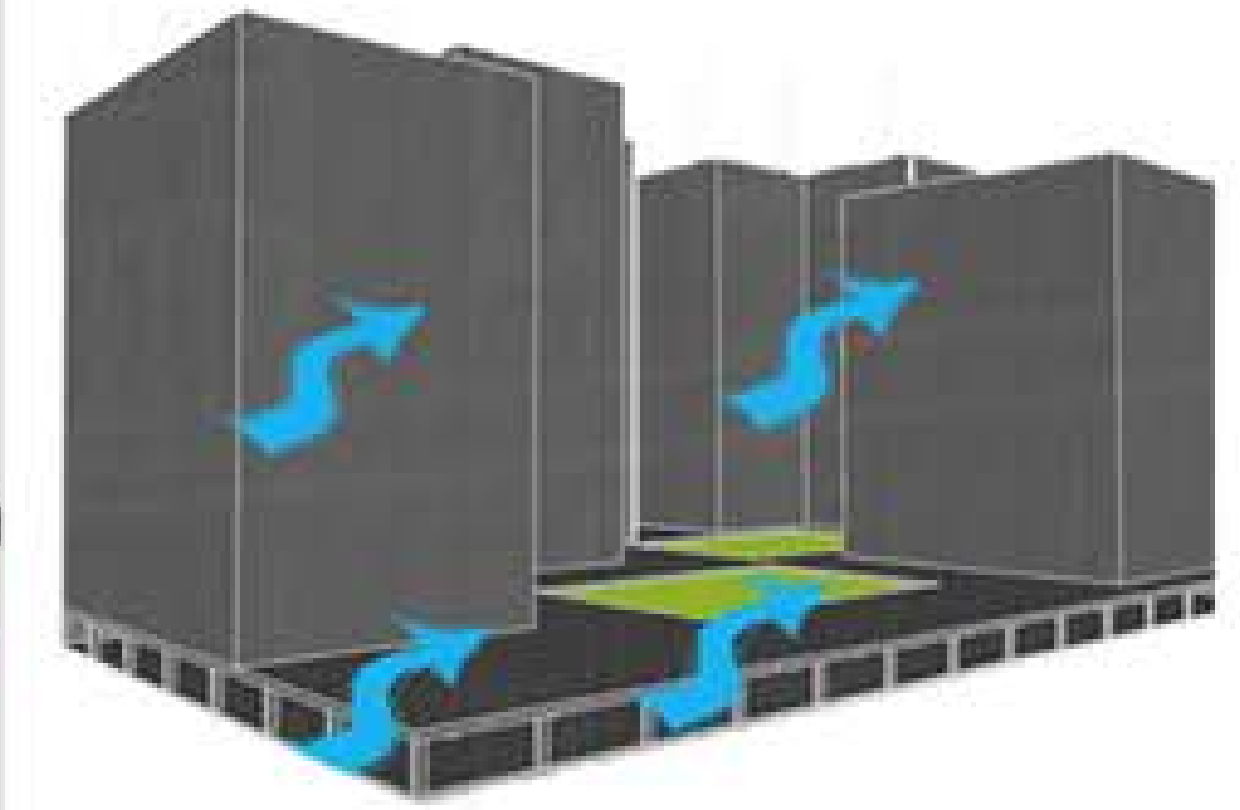
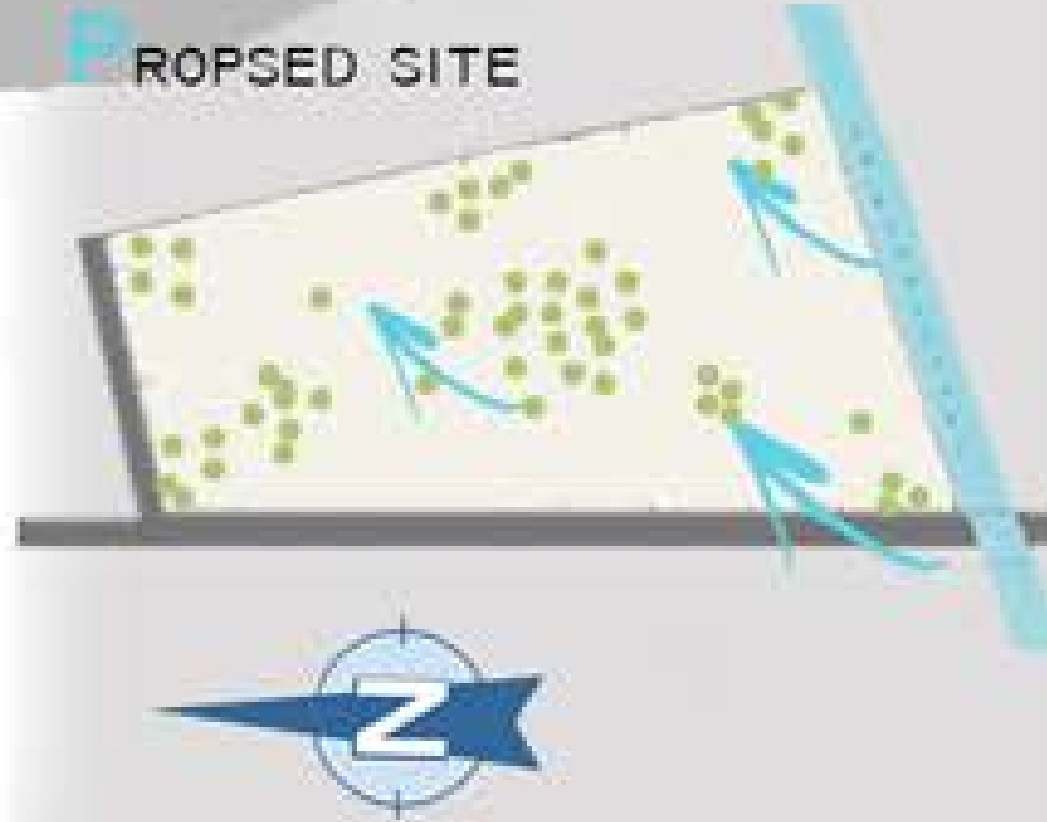
As IT professional leads very busy life they dont have time to enjoy nature as well as interact with peoples. So green spaces as well as interactive spaces are provided at maximum extent in design.



Green spaces at different levels

Apartments are aranged in such a way that they recieve southwest winds

PROPOSED SITE



SITE PLAN



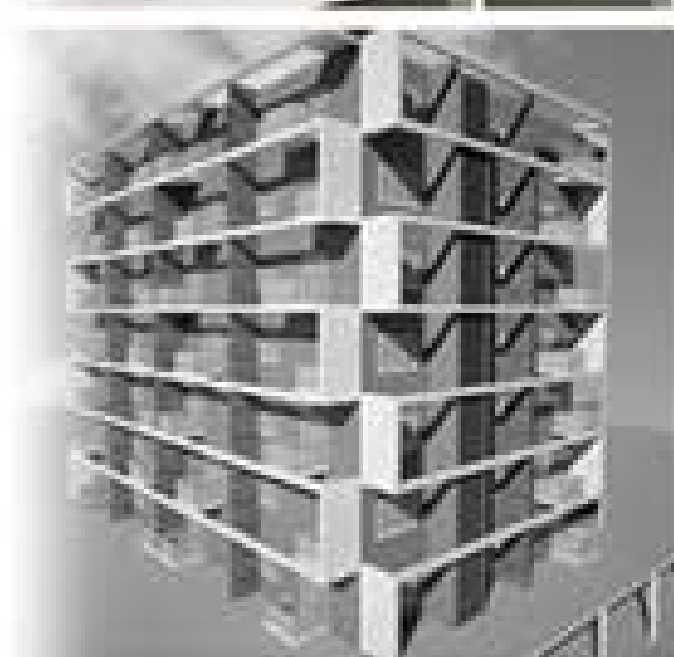
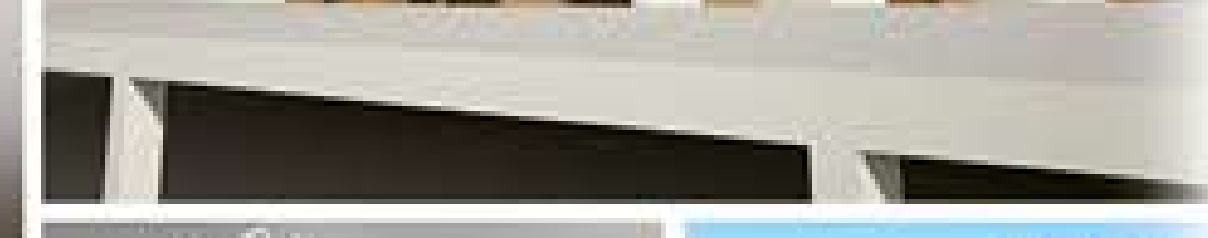
LEGEND

- 1 - Entrance
- 2 - Tower A & D
- 3 - Tower B & C
- 4 - Club House
- 5 - Bungalows
- 6 - Row house
- 7 - Service entry



Longitudinal section through site

APARTMENTS



Apartments are located at northside of site separated from bungalows and rowhouses by means of amenities space. They are located on podium which have parking facility for around 400 four wheelers.



TOWER A & D



DESIGN FEATURES

Main **elevational feature** is used in such a way that it act as **shading device** as well **barrier** for privacy from each adjacent flats.

Green space is provided on each alternate floors which can be serve purposes of both **green space** as well as **interactive area** for residence and users in apartment. These spaces will help IT people **bring closer to nature & community**.



KEY PLAN



TOWER B & C



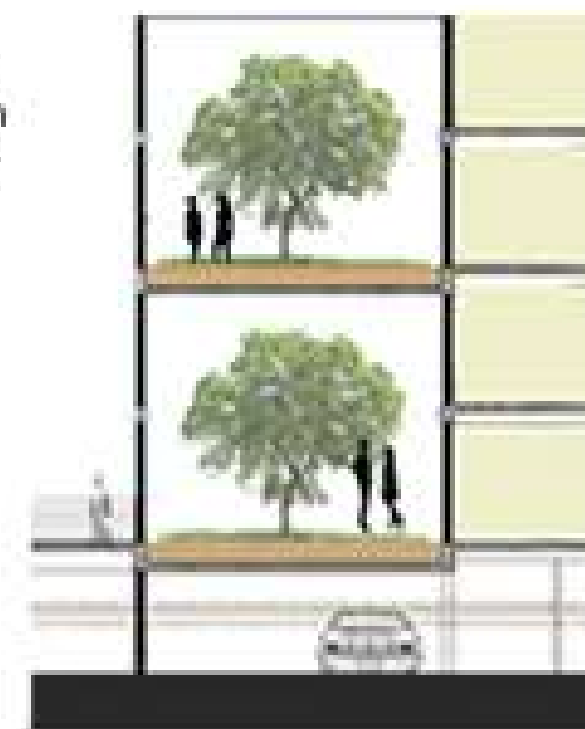
DESIGN FEATURES

Main **elevational feature** is used in such a way that it act as **shading device** as well **barrier** for privacy from each adjacent flats.

Green space is provided on each alternate floors which can be serve purposes of both **green space** as well as **interactive area** for residence and users in apartment. These spaces will help IT people **bring closer to nature & community**.



KEY PLAN



TYPICAL FLOOR PLAN

AREA STATEMENT OF BLOCK 'A' & 'D'					
TYPE	NO OF FLOORS	NO OF FLATS PER FLOOR	TOTAL NO OF FLATS	AREA PER UNIT	TOTAL AREA
2 BHK	10	4	40	137.46 SQ M	5508.4 SQ M
1 BHK	10	2	20	117.94 SQ M	2358.8 SQ M
TOTAL AREA UNDER CIRCULATION (PASSAGES)					899.8 SQ M
TOTAL AREA UNDER SERVICES (LIFT, STAIRS, DUCTS)					1396.2 SQ M
TOTAL BUILT UP AREA					8704.6 SQ M

AREA STATEMENT



Elevation



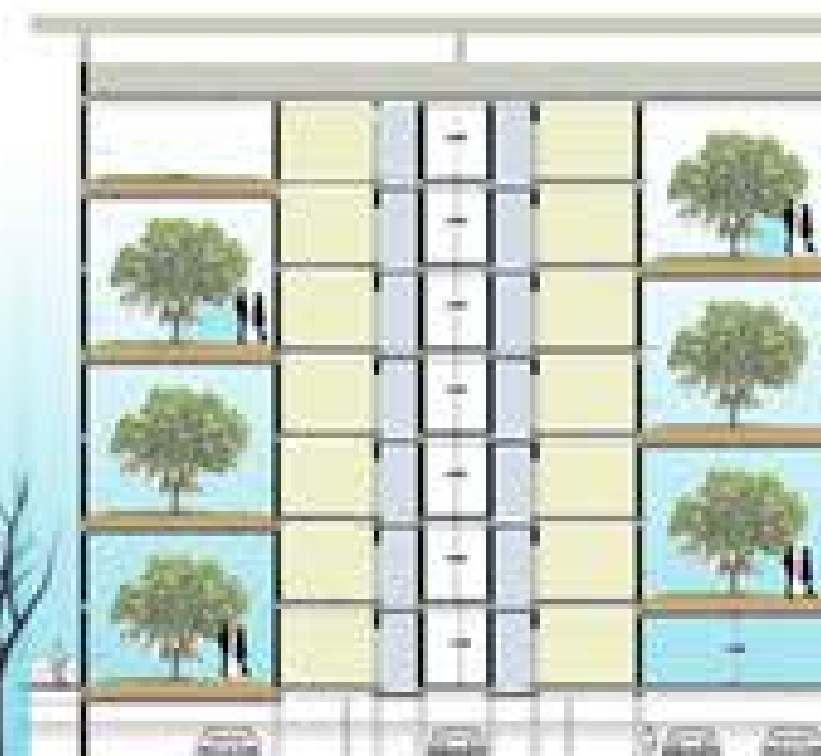
Section

AREA STATEMENT

AREA STATEMENT OF BLOCK 'B' & 'C'					
TYPE	NO OF FLOORS	NO OF FLATS PER FLOOR	TOTAL NO OF FLATS	AREA PER UNIT	TOTAL AREA
2 BHK	7	2	14	113.29 SQ M	1586.06 SQ M
1 BHK	7	2	14	61.39 SQ M	859.46 SQ M
STUDIO	7	2	14	44.51 SQ M	623.14 SQ M
TOTAL AREA UNDER CIRCULATION (PASSAGES)					506.29 SQ M
TOTAL AREA UNDER SERVICES (LIFT, STAIRS, DUCTS)					348.42 SQ M
TOTAL BUILT UP AREA					2553.91 SQ M



Elevation



Section

BUNGLOW



FIRST FLOOR PLAN



SECOND FLOOR PLAN

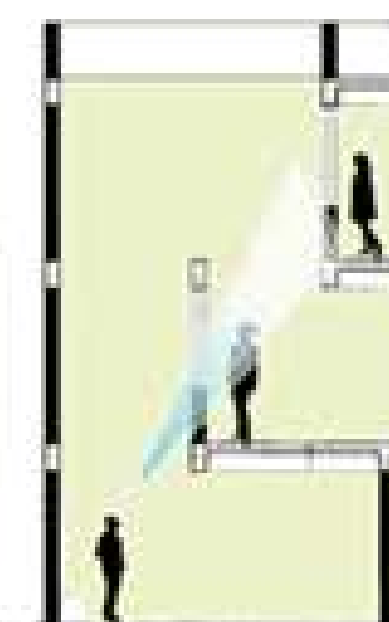


KEY PLAN

TENANT TYPE	GROUND FLOOR AREA	FIRST FLOOR AREA	SECOND FLOOR AREA	TOTAL BUILT-UP AREA	PLOT AREA
BUNGLOW	144.8 M ²	138.4 M ²	114.21 M ²	397.41 M ²	407 M ²
TOTAL NO. OF BUNGLOWS=7				2781.87 M ²	2849.1 M ²

AREA STATEMENT

DESIGN FEATURES

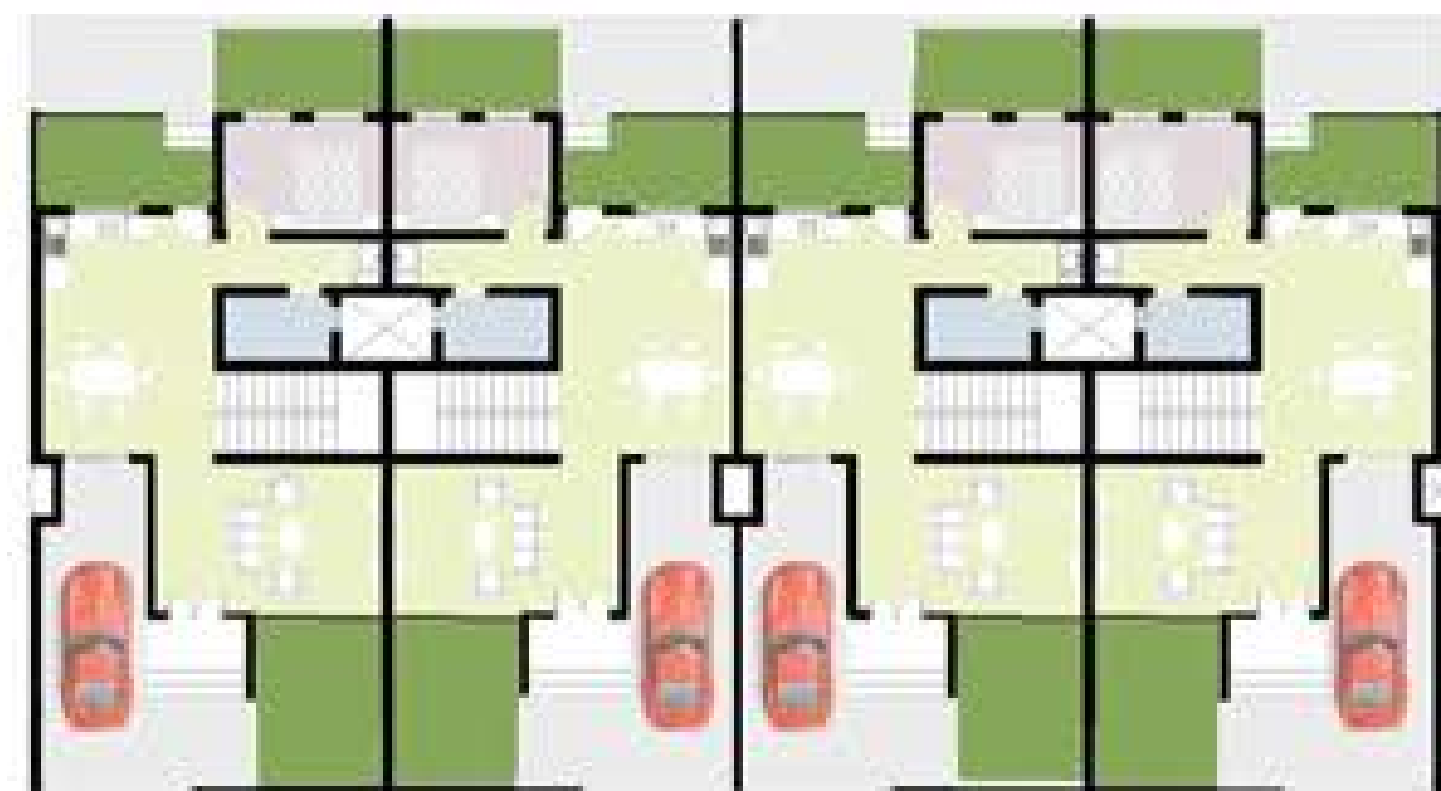


Skylight is provided at such a location that it helps to illuminate major portion of house throughout the day. Various types of amenities including well equipped gym, parking facilities with covered porch, water body, garden in plot boundary etc. has been provided.



Section through stairs

ROW HOUSE



G ROUND FLOOR PLAN

As these row houses were build for slightly **lower economic section of IT people** but considering there hectic lifestyle it was necessary to give them as much as possible in lower amount of land . Thus **providing maximum space in minimum amount was main approach while designing.**



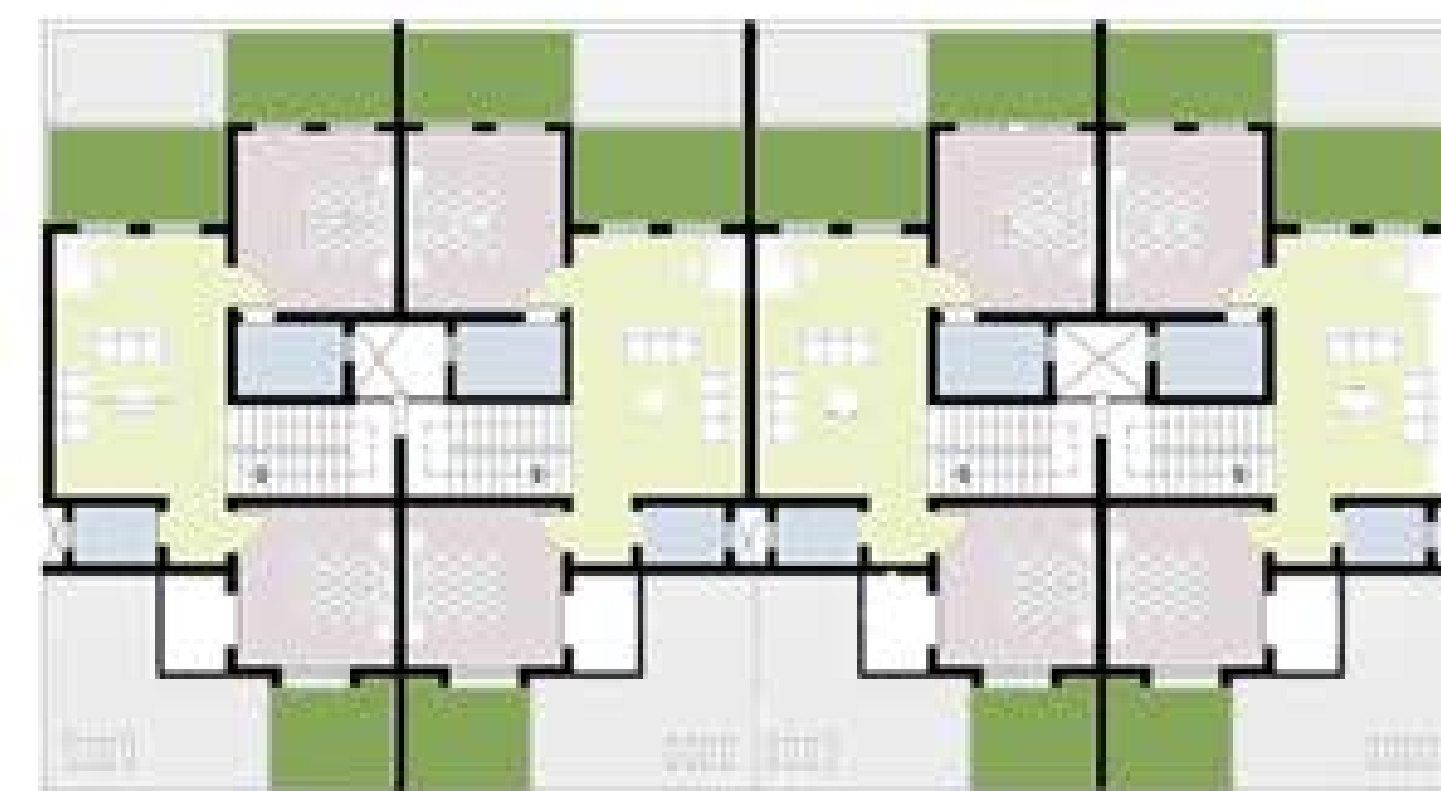
K EY PLAN

TENANT TYPE	GROUND FLOOR AREA	FIRST FLOOR AREA	SECOND FLOOR AREA	TOTAL BUILT UP AREA	PLOT AREA
BUNGLOW	144.8 M ²	138.4 M ²	114.21 M ²	397.41 M ²	407 M ²
TOTAL NO. OF BUNGLOWS/T				2780.7 M ²	2888.1 M ²

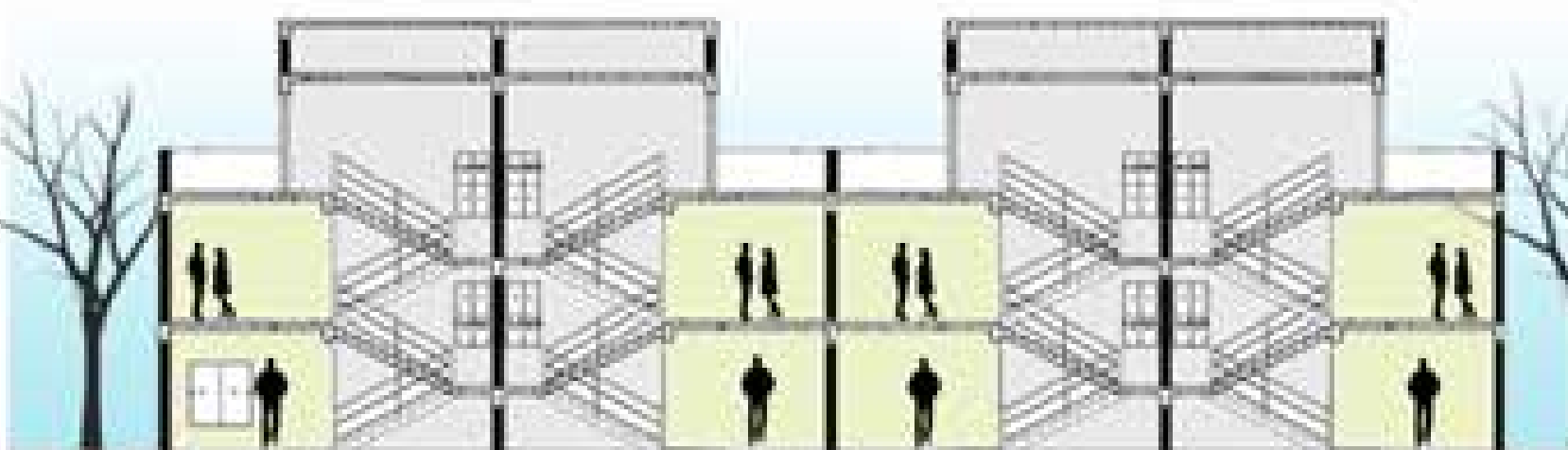
A REA STATEMENT

D ESIGN FEATURES

Row houses are provided to cater people **who can't afford bungalow** but want seprate space for them. **Seprate parking** space as well as **small garden** is provided on front as well as back side of house, which will serve as **small green space** for users living there.



F IRST FLOOR PLAN



S ection through stairs

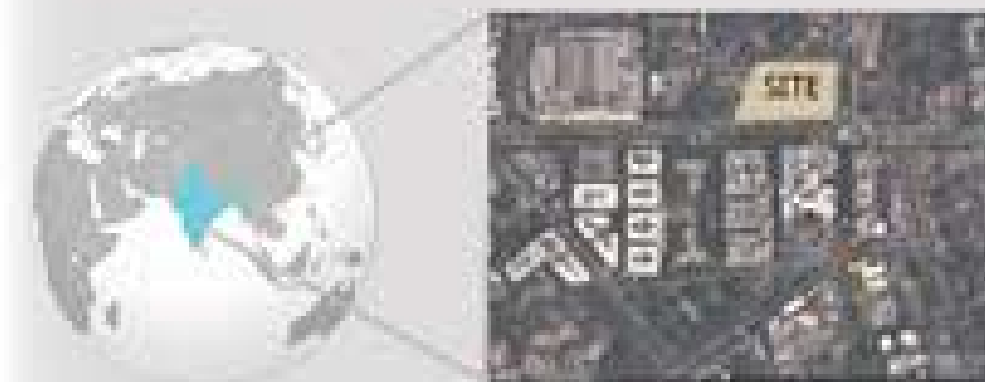
FIVE STAR HOTEL

FOURTH YEAR

009

INTRODUCTION

This was *fourth year* design project. Site was situated on *MG road, Pune*. The MG road where the site is located is situated in central core of the city (CBD) which have grown over the years. It has been *rich of cultural, social, business centre*. But it has been overcrowded in according to space available there. Aim of project was *to design five star hotel on busy and crowdly MG road so that it can cater HIG public, tourists, corporate people in nearby vicinity*. Five star hotel should be design in such a way that it *complies with local norms*. To design in such a way that they don't disturb surrounding and merge with it.



PROPOSED SITE



Area of site - 7390 sqm.
Amenities space - 15 %
Open space - 10 %

BRIEF REQ.

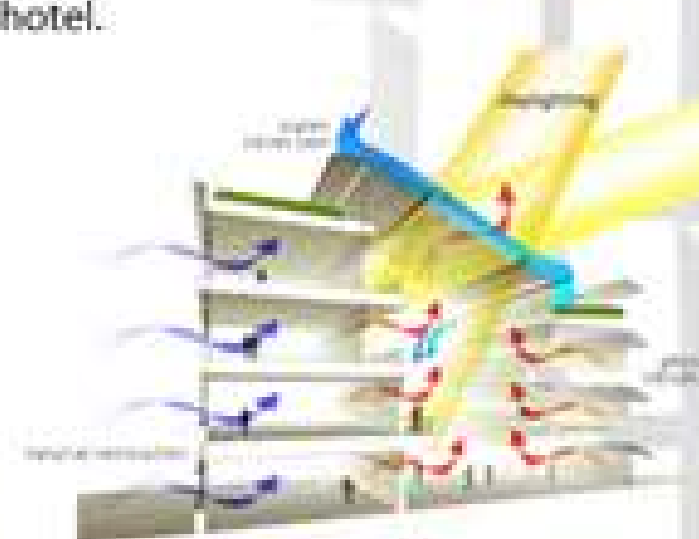
1. 5 star hotel with 250 rooms.
2. All amenities for 5star hotel.
3. 10% of open spaces.
4. 15% of ammenities.
5. Setbacks as per rules.
6. 3% of service area.



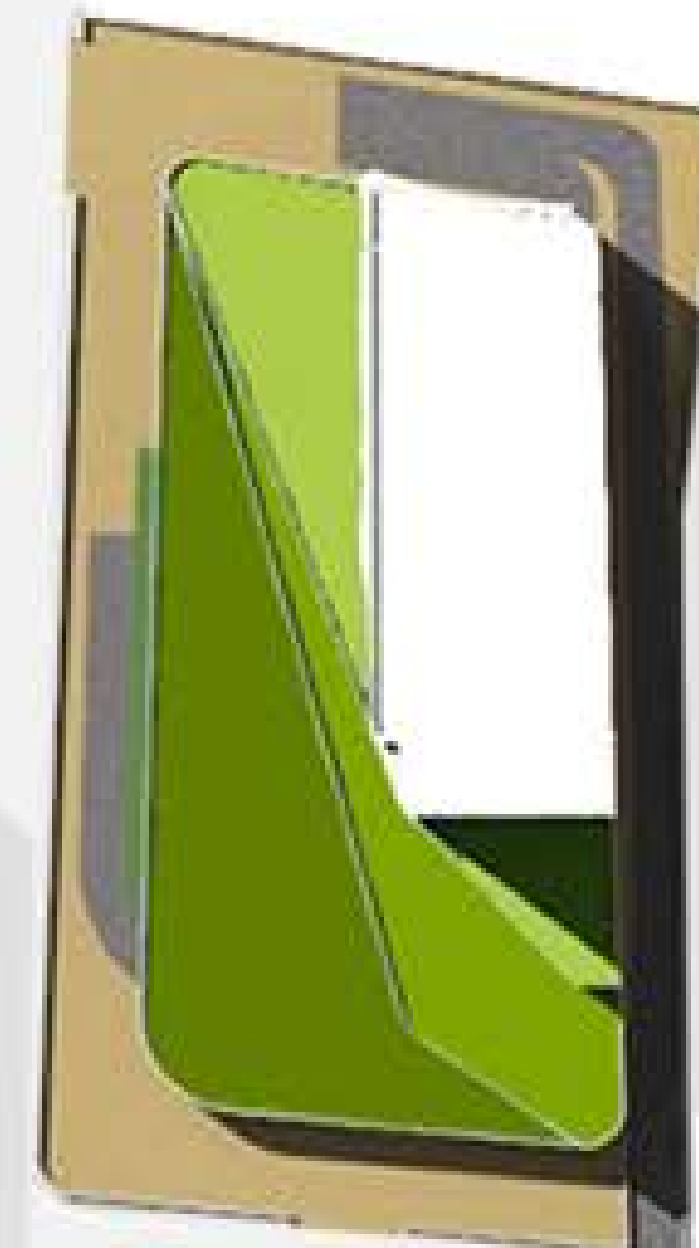
CONCEPT

Merging Green spaces

Into Levels



The green roofs serve as *rainwater filters* while *insulating the hotel and reducing its energy use*. The hotel's volumes are *staggered in floors*, creating areas where the *architecture blends with nature*. This connects visitors to the land and nature at the same time.



SITE PLAN

FLOOR PLANS



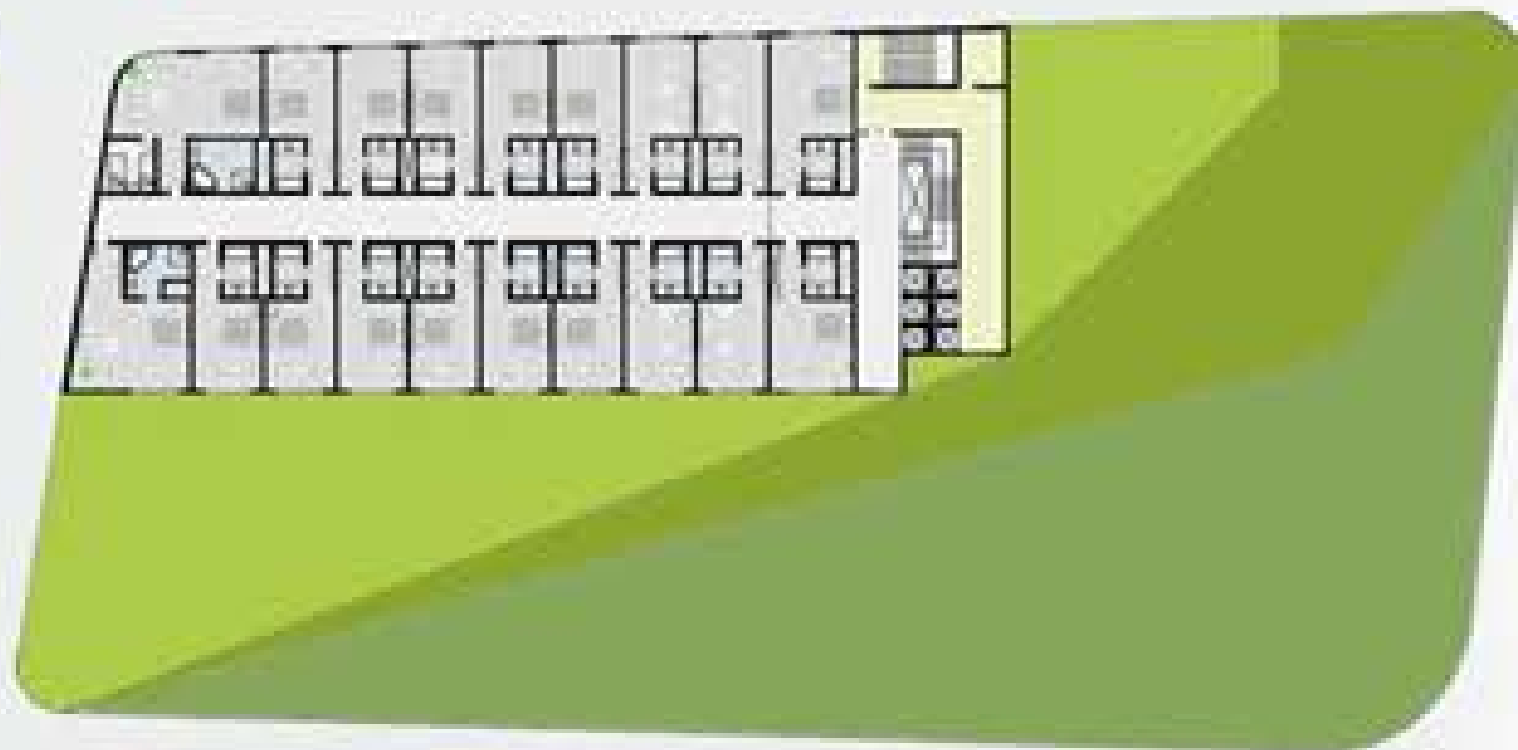
GROUND FLOOR PLAN



FIRST FLOOR PLAN



FOURTH FLOOR PLAN



SIXTH FLOOR PLAN

BRIEF

- Hotel is G +18 storey skyscraper with 2 basements which includes parking.
- Public functions occupy ground & first floors. Characterised by large column free spaces for programs like banquet halls and seminar halls.
- The 3rd & 4th floors are used for official purpose as well as amenities space. Upper floors are occupied by hotel & its services.
- All service shafts from the hotel rooms are re-routed to service floor on G + 4 & G + 10



View from the green roof at first floor.



View at Entrance porch



Longitudinal Section through stairs



Front elevation

COMMUNITY CENTER, GUJRAT

THIRD YEAR B.ARCH.



INTRODUCTION

In this project we were supposed to design community centre in Gandhinagar, Gujrat. Aim of this project was to understand the different culture of various sections of society and incorporate them in design. Site was located in sector 7, Gandhinagar and had presence of roads on two sides. Site had flat land.

Site was located in sector 17, Gandhinagar. Plot was surrounded by roads on two sides & vacant plot on remaining two side.



PROPOSED SITE



CONCEPT

Abstracting regionalism means using local methods, materials or styles in construction. Design attempts to incorporate courtyard type of planning which is commonly used in hotter region to overcome the heat.

Central courtyard surrounded or inside built mass ensures cooler temperature and includes thermal comfort.



Stack effect works efficiently in courtyard planning thus reducing the temperature in surrounded built mass.



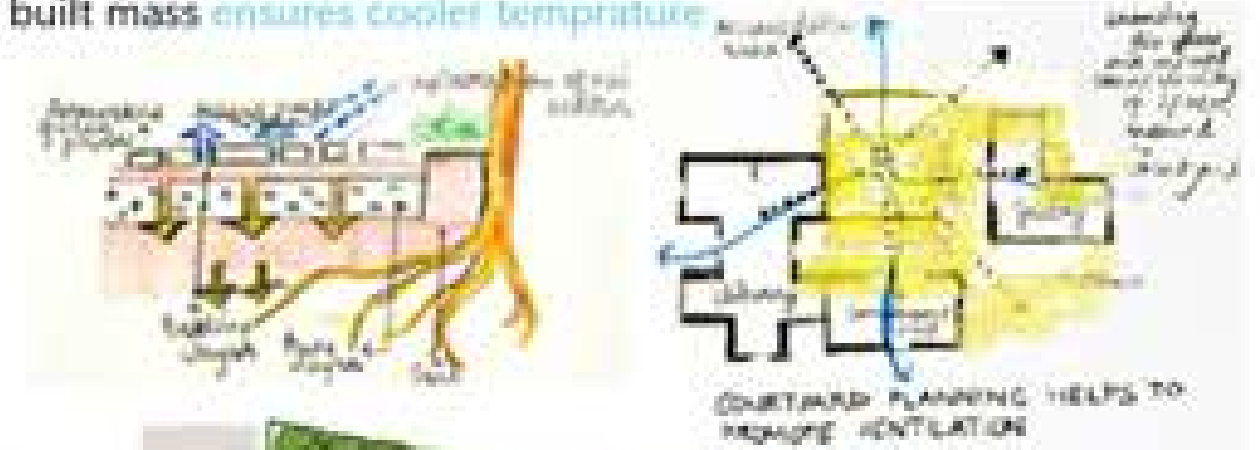
Water bodies inform of fountains, water walls helps in absorbing large amount of heat from surrounding air.

LEGEND

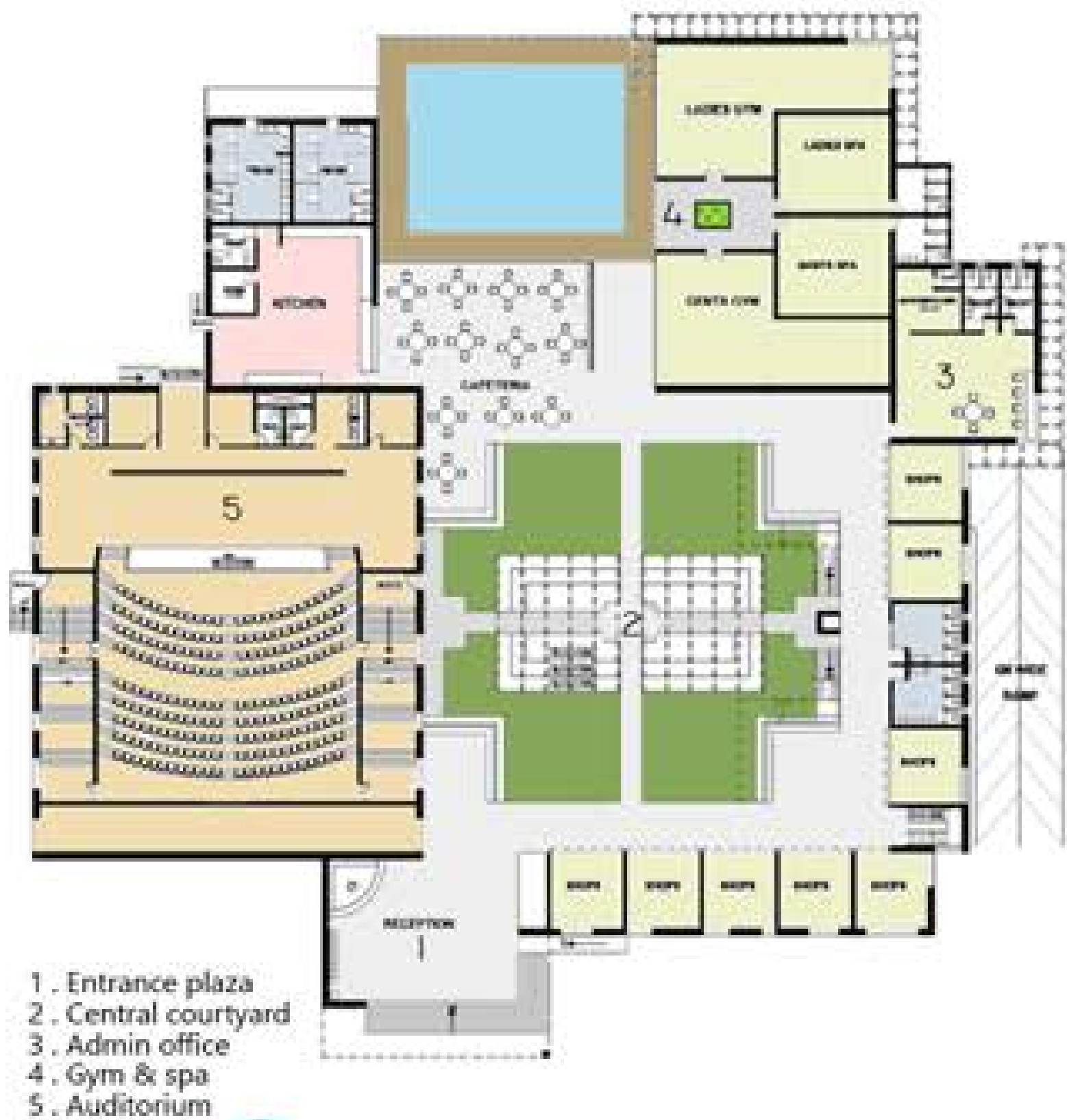
1. Entrance plaza
2. Auditorium
3. Central Courtyard
4. Swimming pool
5. Outdoor cafe
6. Bus parking
7. Basement entry

Abstract

Regionalism

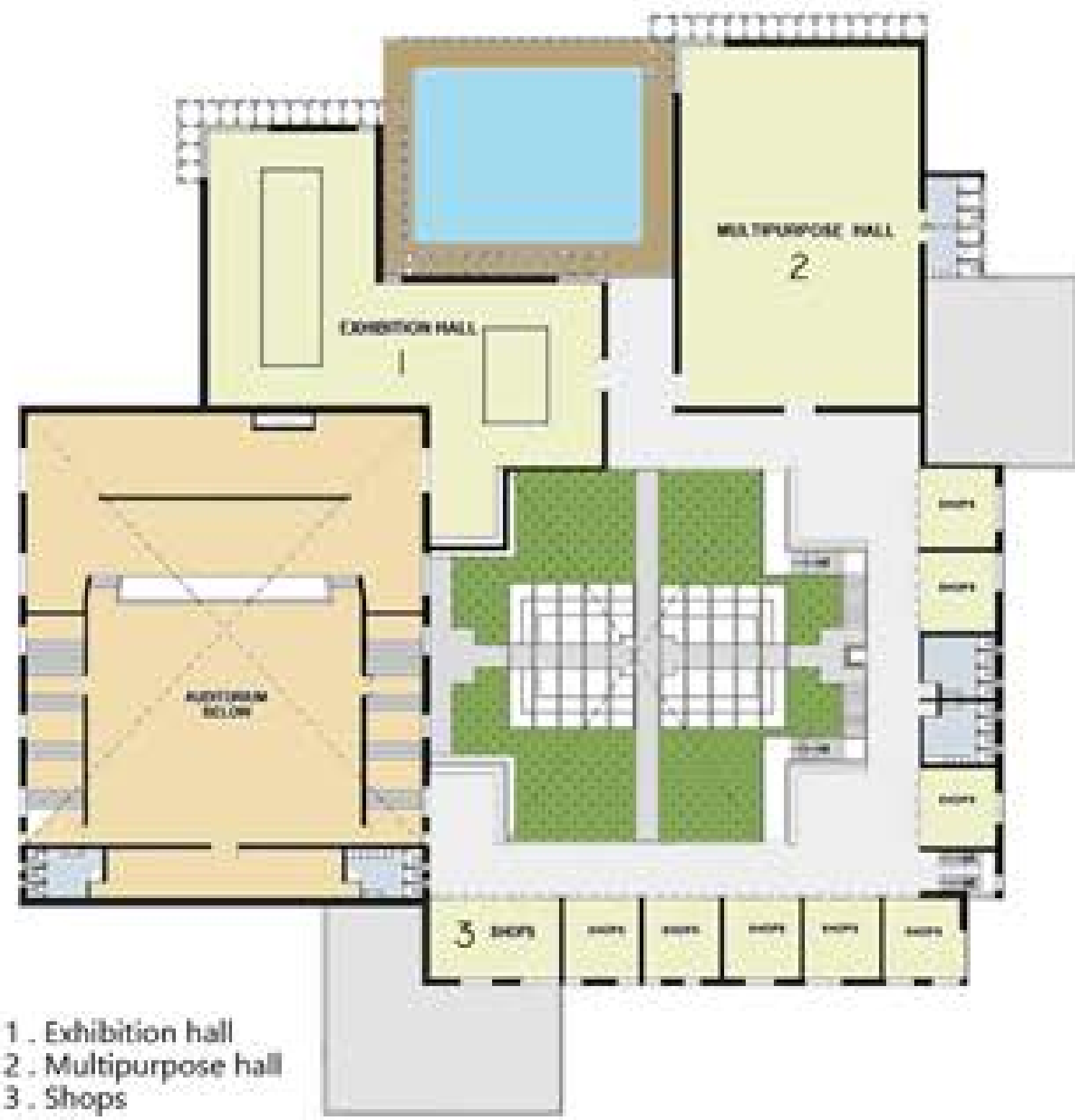


FLOOR PLANS



- 1 . Entrance plaza
- 2 . Central courtyard
- 3 . Admin office
- 4 . Gym & spa
- 5 . Auditorium

GROUND FLOOR PLAN



- 1 . Exhibition hall
- 2 . Multipurpose hall
- 3 . Shops

FIRST FLOOR PLAN

BRIEF

The project demanded a rich and aesthetically rich center which can be featured by the people with spaces like art galleries, library, auditorium, living spaces. Developing cultural center like urban haat was like open spaces was main concern.



Bird eye view of courtyard



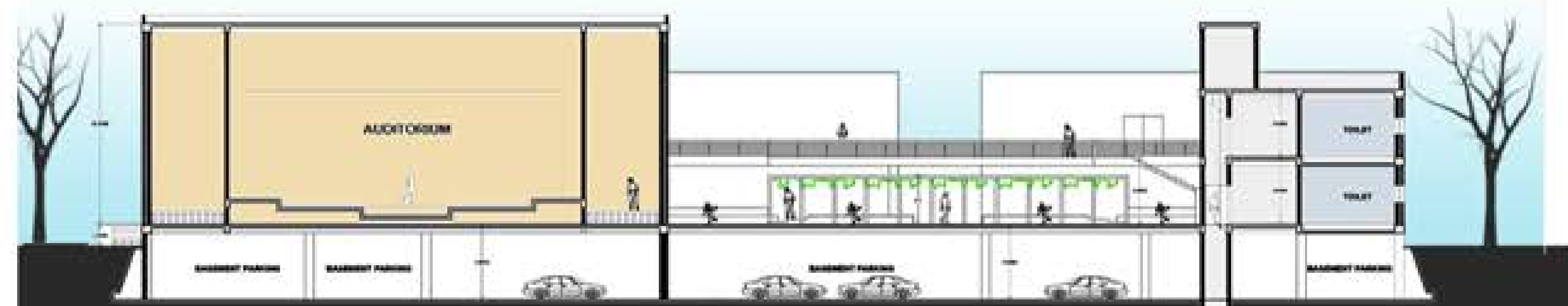
View through swimming pool.



Section through shops & central courtyard



View through central courtyard.



Section through auditorium & central courtyard

BASIC DESIGN



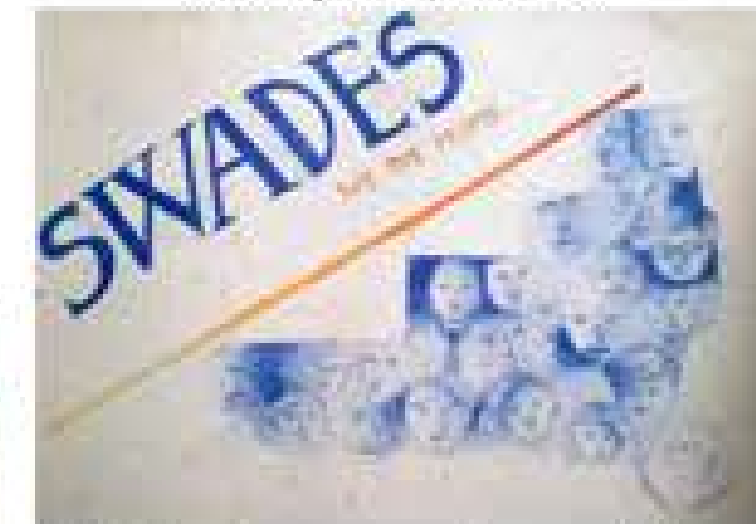
Abstract sketch depicting song 'Rock On'



Model of typical Konkan house.



Abstract sketch using different building components.



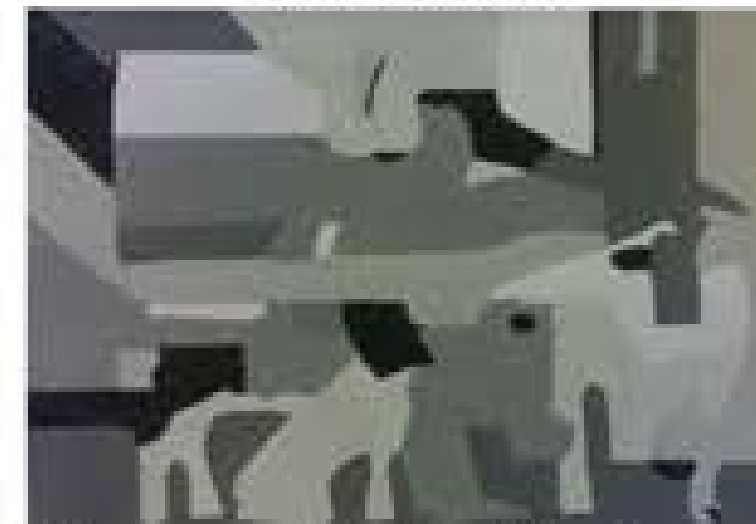
To design a poster after watching 'Swadesh' movie.



Lamp using waste material



This assignment was to design your own dream car.



Monotonous black & white painting abstract.



Abstract block model

HUDCO 2012

CONCEPT

The student will have an entry from the ground level to the upper level of the site in a north-south direction.

The student will have to design a building which will be a part of the site in a north-south direction. The student will have to design a building which will be a part of the site in a north-south direction.

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AREA CALCULATION

Sl. No.	Description	Area (sq. m)
1	Plot Area	1000
2	Area of Building	500
3	Area of Road	100
4	Area of Open Space	400
5	Area of Green Space	100
6	Area of Water Body	0
7	Area of Other	0
8	Total Area	1100

REGIONAL VENTILATION

The student will have to design a building which will be a part of the site in a north-south direction.

AREA CALCULATION

The student will have to design a building which will be a part of the site in a north-south direction.

ZONING

The student will have to design a building which will be a part of the site in a north-south direction.

MATERIAL

The student will have to design a building which will be a part of the site in a north-south direction.

CONCEPT

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