



THESIS REPORT ON
**“THE TOURIST RESORT,
AGRA, UP**

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE
DEGREE OF:

**BACHELOR OF ARCHITECTURE
BY
(SHIVAM YADAV)
(1180101041)**

THESIS GUIDE
(AR. ANSHU RASTOGI)

SESSION
2022-2023

**TO THE
SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY
LUCKNOW.**

**SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).**

CERTIFICATE

I hereby recommend that the thesis entitled“ TOURIST RESORT, AGRA ,UP“
under the supervision, is the bonafide work of the students and can be accepted as
partial fulfillment of the requirement for the degree of Bachelor’s degree in
architecture, school of Architecture and Planning, BBDU, Lucknow.

Prof. Mohit Kumar
Agarwal
Dean of Department

Prof. Sangeeta Sharma

Head of Department

Recommendation Accepted

Not Accepted

External Examiner

External Examiner

BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).

Certificate of thesis submission for evaluation

1. Name :
2. Roll No. :
3. Thesis Title :
4. Degree for which the thesis is submitted:
5. Faculty of University to which the thesis is submitted: Yes / No
6. Thesis preparation guide was referred to for preparing the thesis. Yes / No
7. Specification regarding thesis format have been closely followed. Yes / No
8. The content of the thesis have been organized based on the guidelines. Yes / No
9. The thesis has been prepared without resorting to plagiarism Yes / No
10. All the sources used have been cited appropriately Yes / No
11. The thesis has not been submitted elsewhere for a degree. Yes / No
12. Submitted 3 hard bound copied plus one CD Yes / No

.....
(Signature(s) of the supervisor)
Name:

.....
(Signature of the Candidate)
Name:
Roll No.:

INDEX

1. CHAPTER- 1.....	3-5
• INTRODUCTION	
• AIM	
• OBJECTIVE	
• SCOPE	
• LIMITATION	
• METHODOLOGY:	
2. CHAPTER- 2.....	6-12
SITE ANALYSIS	
3. CHAPTER – 3.....	13-38
CASE STUDIES	
• CASE STUDY -1	
• CASE STUDY -2	
• DEAD CASE STUDY- 1	
• DEAD CASE STUDY -2	
4. CHAPTER-4.....	39-42
LITRATURE STUDIES	
• STANDARDS OF TIME SAVER	
• STANDARDS OF NUFERT	
5. CHAPTER-5.....	48-60
CONCEPT	
• FUNCTIONAL CONCEPT	
• AREA CALCUCATION	
6. CHAPTER 6.....	
PLANNING	
• FLOOR PLANS	
• SECTION	
• ELEVATION	
• ALL BUILDING BLOCKS	
• SITE PLAN	
• 3D VIEWS	
• WORKING DRAWINGS	
• LANDSCAPE DETAILS	
7. CHAPTER 7.....	
BIBLOGRAPHY	

ACKNOWLEDGEMENT

I would like to thank **Ar. ANSHU RASTOGI** for her significant Support and insights that helped me this work. My heartfelt gratitude also goes to the members of my graduating committee for their patience and understanding during the years it took to complete this course.

Also I am grateful to thank to my Dean **Ar. Mohit Agrawal**, HOD **Ar. Sangeeta Sharma** and Professor **Ar. Keshav kumar** for their ongoing mentorship and never-ending supply of fascinating tasks. Their humble approach to research and science is an inspiration this approach is evident in his simple but obvious writing style which I aspire to emulate throughout my career I am forever thankful for the unconditional love and support throughout the entire thesis process.

I am deeply grateful to **Ar. Satyam Srivastava** and **Ar. Anshul Singh**, who served as thesis coordinator and provided all the necessary resources and facilities for my work.

I also want to thank my parents, batchmates and friends and all those who supported me throughout my thesis by providing me help guidance and resources.

THANK YOU.

CHAPTER - 1

INTRODUCTION

INTRODUCTION :

It is a place where accommodation, reorientation are involved and most important is a place for enjoyment which drives the mind of a visitor with its diversified activities. The resort have physical as well as physiological impact on the minds of the people .Traffic development and industrialization has lead to the urbanization which has stolen the mental peace of the human therefore resorts are created to quench the need for peace. Resort is one of the few places that offer a break from the strain of hectic life style. Resorts cater mainly to leisure tourists, families or individuals on holiday rather than business or educationally inclined tourists

SCOPE OF THE PROJECT:

- ☐ To study the multi various spaces of a resort and their inter dependencies and their interaction with each other.
- ☐ Study and incorporation of local materials which comply with the favorable conditions of the climate and enhance and accentuate the aesthetics.
- ☐ Study of construction techniques to be applied keeping in mind the soil conditions.
- ☐ To study and adhere the coastal regulations to protect the environment and the guests.
- ☐ Landscaping complying with a costal region and incorporating the various flora and fauna available locally

OBJECTIVES:

- To analyze the site, study the topography and the climate condition.
- Study the bye laws of Agra.
- Do a live case study to cover all the aspects of a resort and a resort in general.
- Study the functional requirements of resort and implement efficient design to carry out the functions smoothly.
- Provide hospitality for both domestic and foreign tourists.
- Use design approaches so as to harmonize building and nature.

NEED OF THE PROJECT:

- ☐ Economic Progress
- ☐ Source of Income
- ☐ Development of Infrastructure
- ☐ Societal Progress
- ☐ Cultural Heritage
- ☐ Educational Significance of Tourism
- ☐ Tourism and Environment

WHY THIS PROJECT:

I want to design a resort because I have a interest in designing a habitable space near a tourist region and a resort fulfill my goals. I want to study the spaces and designing aspects of a hotel in a tourist region, its architectural elements and construction methods. Incorporating NATURAL ELEMENTS in resort and connecting it to nature in order to establish a HARMONY between human habitation and natural world by various design approaches. I want to design this because I find this concept very INTERESTING and UNIQUE unlike all the other resorts, which tend to put all their focus into the luxury and comfort and not on the natural aspects of the place.

METHODOLOGY:

SITE STUDY

To analyze the site with respect to location, climatology, physiography, surrounding, historical background of that region, on the basis of which design has to be done



CASE STUDIES

Case studies to be done so as to be clear about the functionality of the project & come out from the merits & demerits aspect of the project.



LITERATURE STUDIES

The study is either from the books or from the internet to clear out more concepts and can do research on the topic and extract inferences from these literature studies.



REQUIREMENTS FRAMING AND AREA ANALYSIS

The requirements areas framed out and area chart has to be finalize



CONCEPT



DESIGN STAGES



FINAL DESIGN

CHAPTER - 2

SITE ANALYSIS

SITE ANALYSIS

SITE LOCATION :-



ABOUT SITE

Site is surrounded by the agricultural land , residential & public buildings.
Having 15m road west side, 9 m road east side and 6m road north side.

LOCATION –

Myapur, Fatehabad Road, Agra, Uttar Pradesh.

SHAPE & AREA -

Rectangular in shape
9.6 acres (38998.76 sqm)

CO ORDINATES -

A - 27° 8'45.21"N 78° 5'3.90"E
B - 27° 8'48.09"N 78° 5'6.72"E
C - 27° 8'40.79"N 78° 5'15.99"E
D - 27° 8'38.15"N 78° 5'13.30"E

VEGETAION –

Scanty with few trees

SOIL TYPE AND TOPOGRAPHY –

The soil is loam sandy loam ravines, & the topography of the site is plain.

CURRENT LAND USE -

The current land use of proposed site is Commercial

APPROACH TO THE SITE -



METRO STATION – 5 KM



BUS STATION – 8.6 KM



RAILWAY STATION – 9.3 KM



AIRPORT - 14 KM

ARCHAEOLOGICAL IMPORTANT PLACES -

Taj Mahal – 5.5 km, North West

Agra Fort – 7.5 km, North West

SWOT ANALYSIS:

STRENGTH-

- THE SITE IS SURROUNDED BY AGRICULTURAL LAND.
- PROPER SEWER LINE AND ELECTRICITY.
- GOOD ROAD NETWORK.
- AGRA IS A POLLUTED CITY AS THE SITE IS LOCATED AT OUTER OF THE CITY HENCE WE CAN PROVIDE PLEASANT ATMOSPHERE TO THE TOURISTS.
- THE SITE IS FREE FROM NOISE AND HAVE FRESH AIR CIRCULATION DUE TO VEGETATION NEAT SITE

OPPORTUNITIES-

- THE SITE IS LOCATED AT DISTANCE 5KM FROM TAJ MAHAL.WHICH IS THE WONDERS OF THE WORLD.
- TO MAKE A LANDMARK FOR THE TOURIST FROM WORLD WIDE

THREATS

- PROPOSED SITE COMES UNDER IIIrd SEISMIC ZONE IN INDIA.
- PROPER MANAGEMENT TILL THE COMPLETION OF SITE

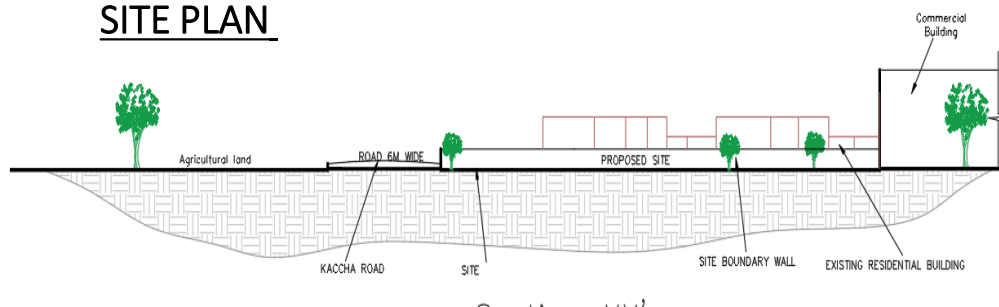
WEAKNESS-

- THE SITE IS LOCATED AT THE OUTER OF CITY.
- IM-PROPER TRANSPORT CONVENIENCE TO THE SITE
- THERE IS NO WATER SYUPPLY

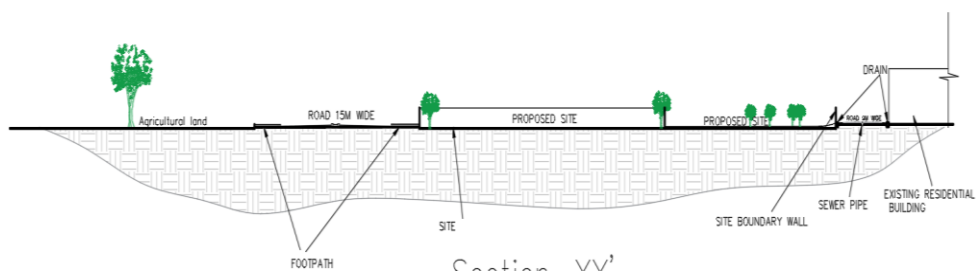
SITE DETAIL:



SITE PLAN



SECTION – XX'



SECTION – YY'



FATEHABAD ROAD



15M WIDE FRONT
ROAD ON WEST SIDE



EXISTING VEGETATION
ON SITE



BUILDINGS ON THE
SOUTH OF THE SITE



CHAMBER SEWER
LINE



SITE VIEW TOPOGRAPHY
OF THE SITE IS PLAIN



VIEW FROM THE BACK
SIDE GATE OF THE SITE



6 M WIDE ROAD AT THE
NORTH OF THE SITE



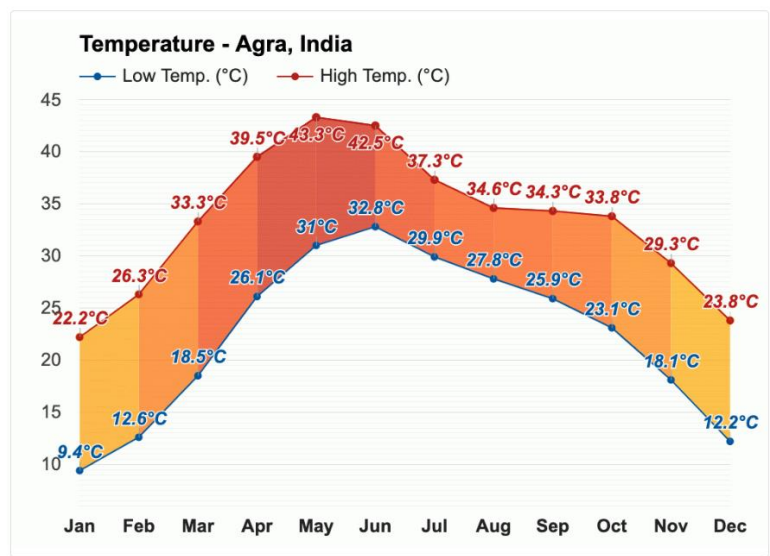
THE SITE HAS 3.2M
HIGH BOUNDARY WALL

CLIMATE :

Agra district is situated in South-West semi-arid zone of UP. It is located at altitude of 27.20 North and longitude of 77.90 easts. River Chambal makes the southern boundary of district and flows from West to East separating district Behind (M.P) In the North Agra is bounded by districts of Firozabad and Etawah.

AVERAGE TEMPERATURE AGRA, INDIA

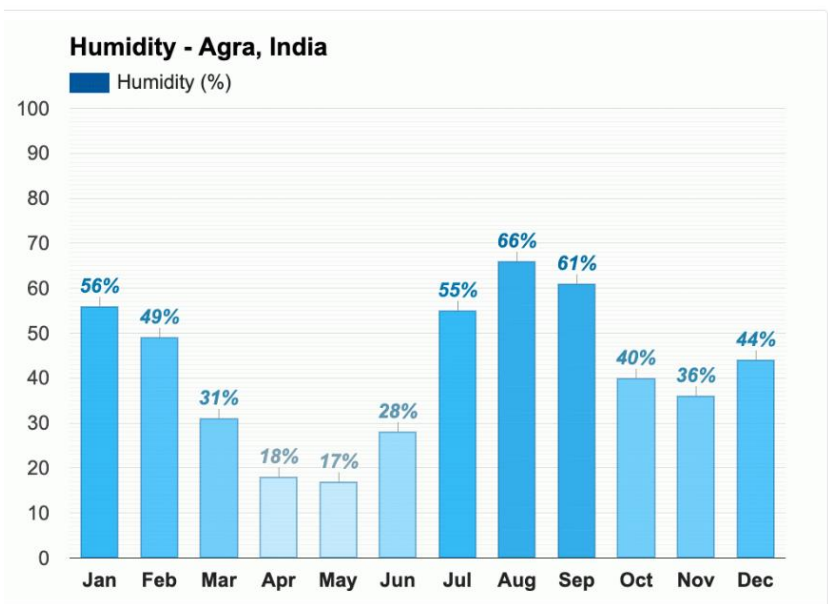
Agra, located in the Indo-Gangetic plains of North India, has a **continental sub-tropical climate** with long, hot summers and short, cold winters. During the summer months, the hot wind loo blows and temperatures can reach as high as 45 degrees C.



AVERAGE HUMIDITY AGRA, INDIA

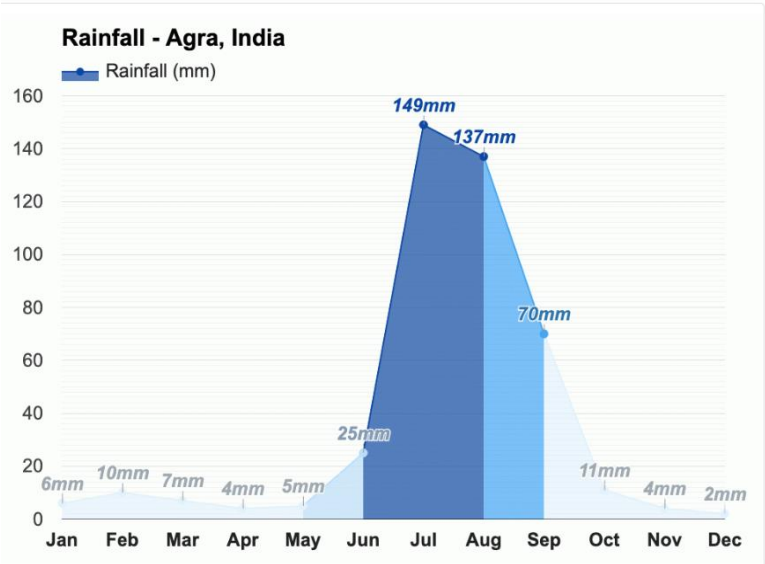
The month with the highest relative humidity is **August** (66%).

The month with the lowest relative humidity is **May** (17%).



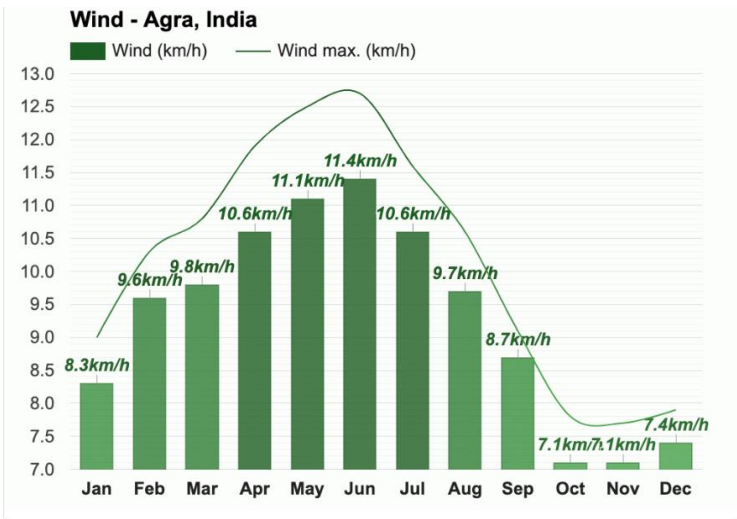
AVERAGE RAINFALL AGRA, INDIA

The wettest month (with the highest rainfall) is **July** (149mm).
The driest month (with the least rainfall) is **December** (2mm)



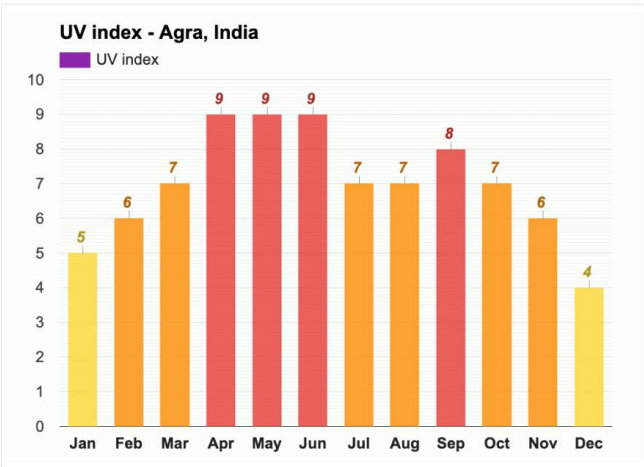
AVERAGE WIND SPEED AGRA, INDIA

The windiest month (with the highest average wind speed) is **June** (11.4km/h). The calmest months (with the lowest average wind speed) are **October** and **November** (7.1km/h).



AVERAGE UV INDEX AGRA, INDIA

The months with the highest UV index are **April, May and June**(UV index 9).The month with the lowest UV index is **December** (UV index 4).



CHAPTER - 3

CASE STUDY

CASE STUDY 1

INFINITY RESORT, CORBETT

PROJECT :- Infinity resort , Uttarakhand

ADDRESS :- Rani Khet Road, P.O. Dhikuli, Ramnagar, Uttarakhand 244715

AREA :- 22 acres (89030.8 SQ/M)

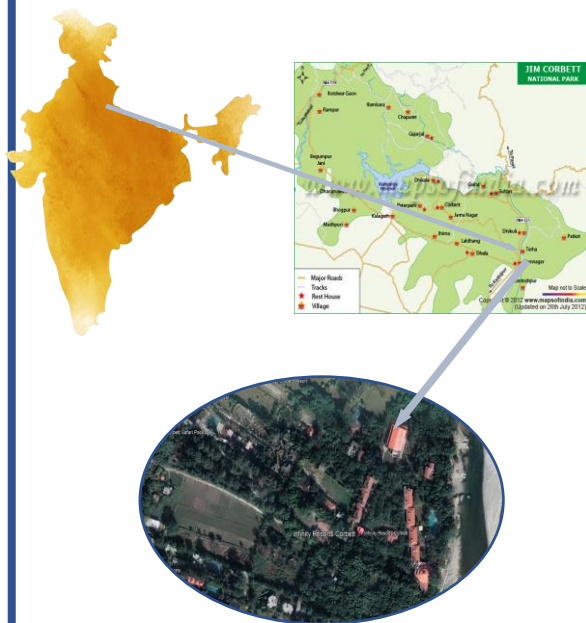
BUILT UP AREA - 13370 sqm

TOPOGRAPHY:- contours

OWNER :- Dilip D. Khatau

ARCHITECTS - DAAT India

CORDINATES :- 29°27'7.40"N, 79° 8'39.70"E



Infinity Resort Corbett is Spread over 22 acres of massive green landscape & is the ideal gateway to your stay with Nature away from the crowded city life. Located on the banks of Kosi River near the Bijrani Gate, the Resort is the stay option between the entry gates of the Bijrani & Dhikala zone of the Corbett National Park. Infinity Resort Jim Corbett located in the Porch area of [Jim Corbett](#) called Dhikuli Village,



METRO STATION – -



BUS STATION –
7 KM(Ramnagar bus station)



RAILWAY STATION –
9 KM (Ram Nagar railway station)



AIRPORT -
88 KM(Pant Nagar airport)

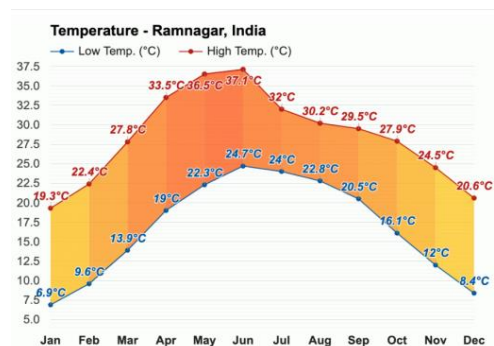
- The architectural design of the guests blocks are built to resemble an English country village
- **MATERIALUSED:** the guest rooms have walls made of "cut and dressed" river stones , chimneys, high bamboo ceilings and wooden trellises.
- **INTERIOR:** spacious, dimly lit and decorated with a Buddha and paintings of wildlife and birds, which contributes to a wonderful sense of serenity and calm.
- **LANDSCAPE:** mango, silver oak, forest guava pine, bamboo and the entire feeling is that of a truly upmarket wildlife resort,

DESIGN RESOLUTION

- Use of natural contours and vegetation of site to dedicate circulation and build space.
- Use of free form which blend with and meander the landscape forming intimate space within the structure
- Maintaining the view of river Kosi.
- Use of vernacular - natural stone, local wood, tribal artifacts.

CLIMATE:

- Humid subtropical, dry winter climate
- The warmest month (with the highest average high temperature) is **June** (37.1°C). The month with the lowest average high temperature is **January** (19.3°C).
- The month with the highest average low temperature is **June** (24.7°C). The coldest month (with the lowest average low temperature) is **January** (6.9°C)



RAINFALL:

The wettest month (with the highest rainfall) is **July** (279mm).

The driest month (with the least rainfall) is **November** (1mm).

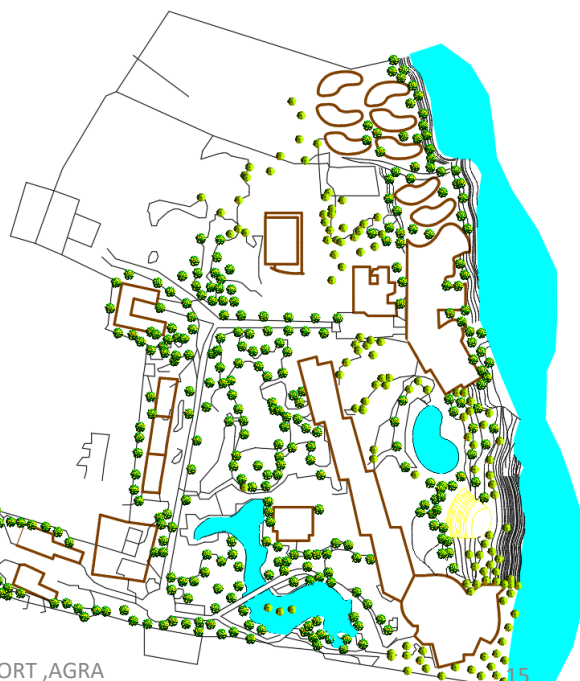
COMPLIMENTARY TO OUR GUESTS:

- Kids splash pool –Swimming pool games
- Table Tennis
- Volley ball
- Soft Cricket
- Car & Bus parking
- Kids Play areas
- Children games
- Carom
- Chess
- Dartboard
- Bonfire during winter
- Wildlife movies
- Short classes on conservation & wildlife
- PowerPoint presentations on Tiger Conservation
- Centre on Global warming

EXTRA CHARGES APPLICABLE:

- Corporate games
- River activities
- Kids 'Cub Café'
- Nature & gift shop
- Cycling for kids & adults
- Wild Spa
- Pool table
- Musical Entertainment
- Visit to Corbett Falls
- Dhangarh Museum visit
- Garjia temple excursion
- Jeep rides to Sitabani Forest
- Visit to Jim Corbett Museum
- Visits to Nainital, Ranikhet, Musoorie, Almora

- 1- RESTAURANT (GOLGHAR)
- 2- ARTIFICIAL POND
- 3- RIVER FACING LUXURY ROOMS
- 4- SWIMMING POOL
- 5- BANQUET HALL
- 6- LAUNDARY, STAFF KITCHEN
- 7- GARDEN FACING ROOMS
- 8- HEALTH SPA
- 9- COTTAGE
- 10- SAFARI DESK, INDOOR GAMES
- 11- RECEPTION, TOILET



SURROUNDINGS



ZONING:



REQUIREMENTS

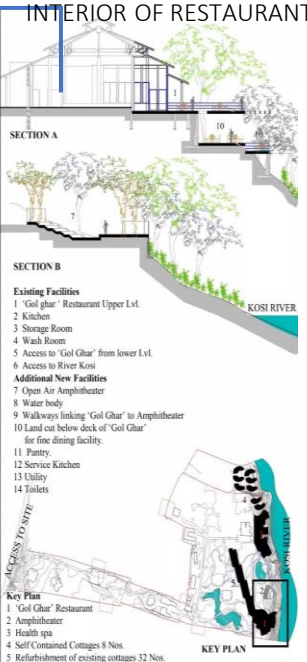
- | | |
|--------------------------------|------------------------------|
| ▪ TOTAL AREA OF SITE - 22 ACRE | ▪ GYMNASIUM --. |
| ▪ TOTAL ROOMS - 50 | ▪ CONFERENCE ROOM - 210 sqm. |
| ▪ RESTAURANT - 642 sqm. | ▪ DECK AREA - 120sqm. |
| ▪ ADMIN/ - 195 sqm. | ▪ BANQUET BLOCK - 800 sqm |
| . | ▪ SWIMMING POOL - 240 sqm |

RESTAURANT IN INFINITY RESORT(GOL-GHAR)

Golghar, a pagoda -shaped octagonal building, is a magnificent structure built with "cut and dressed" river stone, high bamboo ceilings layered in 3tiers and terracotta roofing tiles supported by 8 huge tree trunks of more than 80 feet in height! Al building materials are procured locally, making it blend with the surroundings. Definitely a place for a few quiet moments with your family or get together with friends, it offers al- day dining and finger licking snacks by the huge fire place



INTERIOR OF RESTAURANT



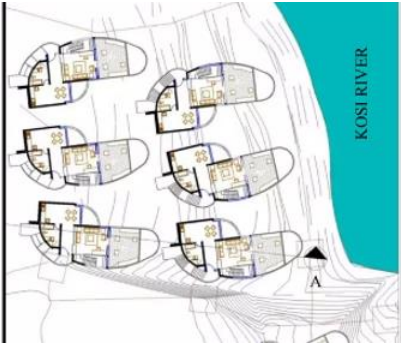
SUN-DECK



FIRE PLACE INSIDE RESTAURANT

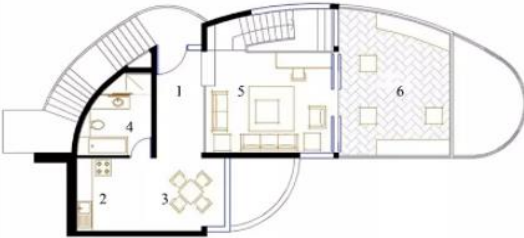
COTTAGE

A cottage is a type of small house that can fit any number of architectural styles and house designs. The definition of a cottage varies among cultures, but a cottage tends to be a small, cozy home in the countryside—often a summer home or vacation home.

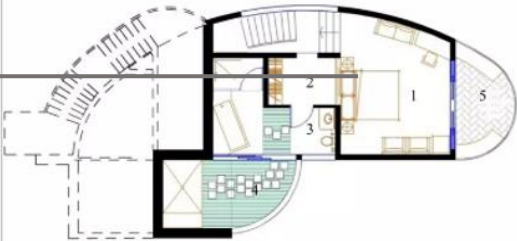


- Entrance Level
- 1 Entrance Foyer
 - 2 Kitchen
 - 3 Dining
 - 4 Toilet
 - 5 Living Room
 - 6 Deck area

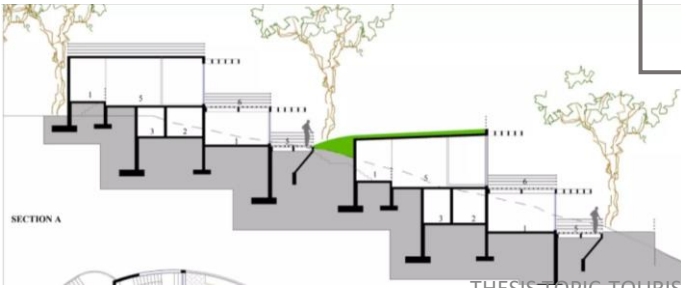
- Lower Level
- 1 Bedroom
 - 2 Dress / wardrobe
 - 3 Toilet
 - 4 Open air shower
 - 5 Deck area



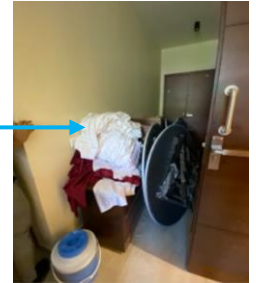
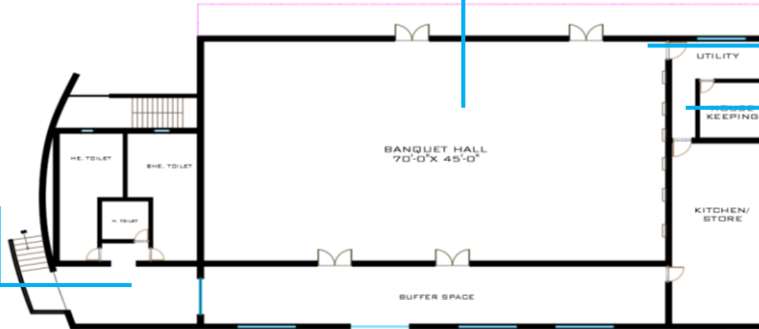
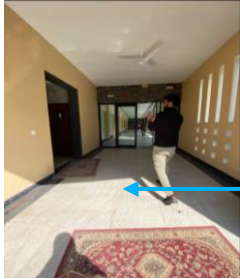
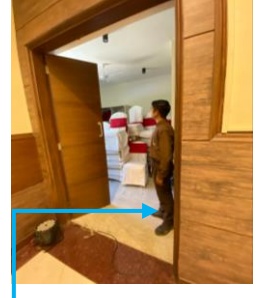
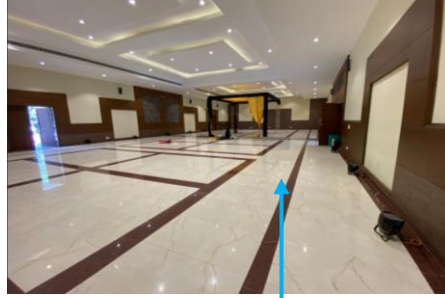
PLAN AT ENTRANCE LEVEL OF SELF CONTAINED COTTAGE



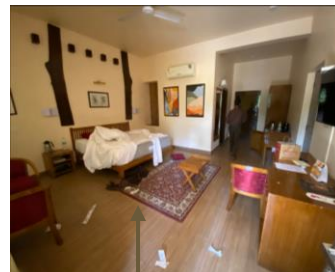
PLAN AT LOWER LEVEL OF SELF CONTAINED COTTAGE



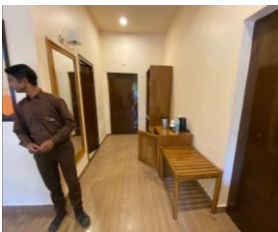
BANQUET HALL:



GARDEN FACING LUXURY ROOMS:



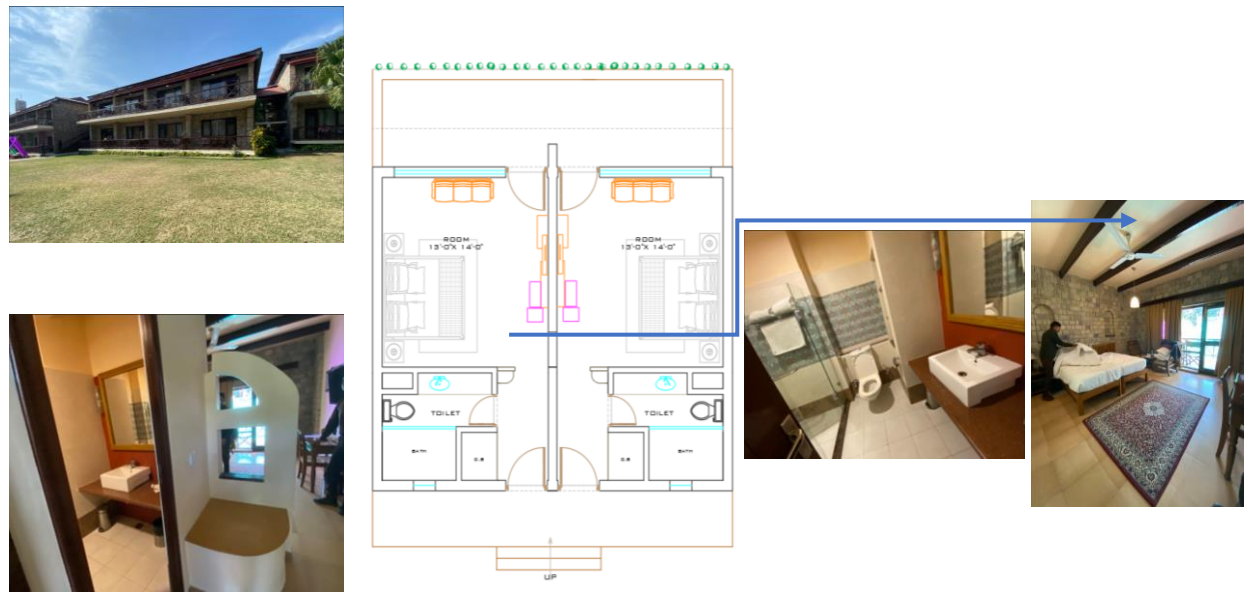
- Total area of single unit : 48.3sq.m
- 1 Bedroom : 19.8 sq.m
- Toilet : 5.3sq.m
- VERANDA: 8.1 sq.m



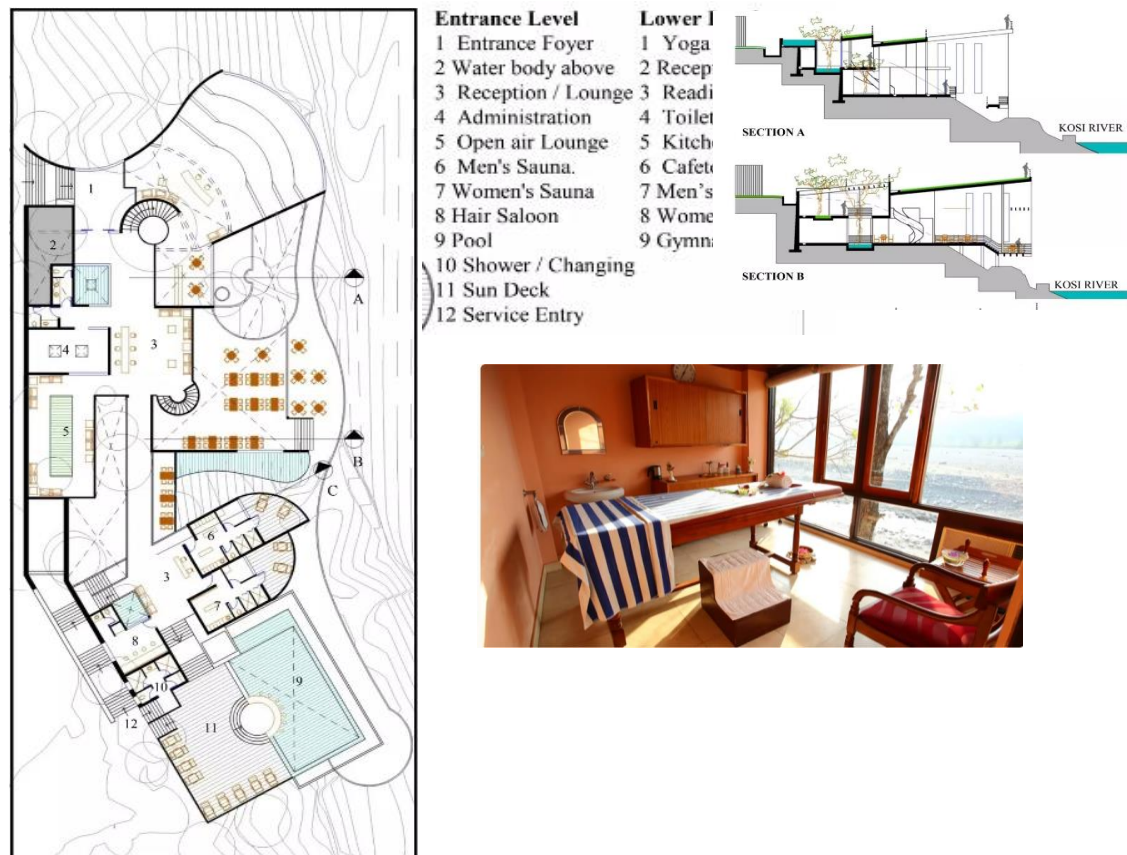
- Air Conditioning
- Refrigerator
- Hot Water
- Television
- Telephone
- Tea & Coffee Maker
- Mini Bar
- Mineral Water Bottle
- Work Desk & Chair
- Hair Dryer
- Wardrobe
- Room Service
- Laundry Service
- Large Bed
- In Room Safe
- Complimentary WIFI at Reception

Beautifully appointed rustic rooms ,with river-stone walls decorated with specially curated paintings and furniture.

RIVER FACING LUXURY ROOMS:



HEALTH SPA:



CASE STUDY - 2

MANU MAHARANI RESORT

PROJECT :- Manu maharani resort

ADDRESS :- Jim Corbett National Park Ramnagar Tour Safari Packages, Village
Dhikuli, Ramnagar, Dhikuli, Uttarakhand 244715

AREA :- 11 acres (44515.4206sqM)

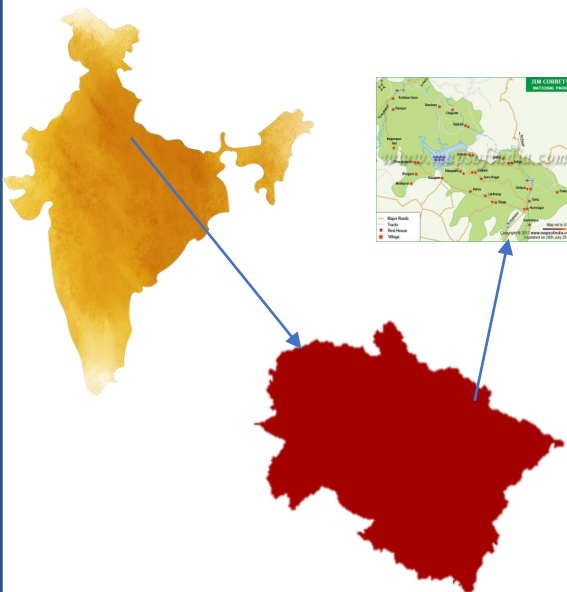
BUILT UP AREA :- 4230 SQM

TOPOGRAPHY:- contours

OWNER :- Choudhary Harindar

ARCHITECTS –

CORDINATES :- 29°27'39.59"N, 79° 8'52.85"E



Located a stone's throw away from the Jim Corbett National Park in Uttarakhand, Manu Maharani Resort & Spa is an ideal destination for a peaceful and rejuvenating holiday in the lap of wilderness. The chirping of birds, cool breeze and sound of the gurgling Kosi river welcome you into this oasis of tranquility. We bring nature to your doorstep as views of the amazing Shivalik and the green of Corbett embrace you from all sides. Elegance, comfort and amazing hospitality are the essence of your sojourn in this Queen of Corbett resort. Total 50 well- appointed spacious and opulent accommodations



METRO STATION – -

BUS STATION –
5.9 KM

RAILWAY STATION –
15KM

AIRPORT -
85 KM

Spread over the 11 acres of lush green land, Manu Maharani justifies its title of magnificence and magnanimity. The massive 11 acres of land have been strategically divided into accommodations-

- Luxury Cottage , Suits cottage, and Club cottage, verdant gardens, and lush green landscapes.

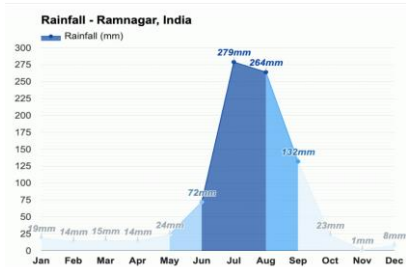
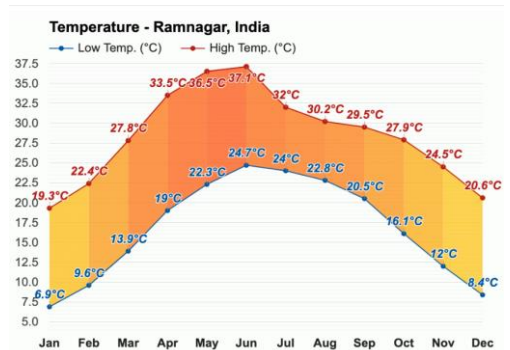
It is perfect weekend hide away amidst the warm jungles of Jim Corbett National.

DESIGN RESOLUTION

- Use of natural contours and vegetation of site to dedicate circulation and build space.
- Use of free form which blend with and meander the landscape forming intimate space within the structure
- Maintaining the view of river Kosi.
- Use of vernacular - natural stone, local wood, tribal artifacts.

CLIMATE:

- Humid subtropical, dry winter climate
- The warmest month (with the highest average high temperature) is **June** (37.1°C). The month with the lowest average high temperature is **January** (19.3°C).
- The month with the highest average low temperature is **June** (24.7°C). The coldest month (with the lowest average low temperature) is **January** (6.9°C)



RAINFALL:

The wettest month (with the highest rainfall) is **July** (279mm).

The driest month (with the least rainfall) is **November** (1mm).

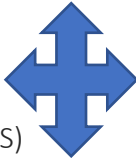


SURROUNDINGS



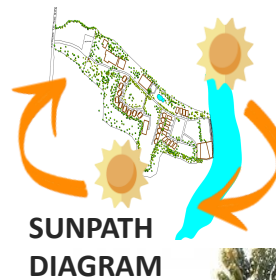
NORTH
(RESIDENCES,
COMMERCIAL)

WEST
(ROAD, HILLS)



EAST
(KOSI RIVER)

SOUTH
(RESIDENCES, GARDENS)













ZONING:

- 1- PARKING
- 2- GUARD ROOM
- 3- ADMINISTRATION
- 4- RECEPTION, WAITING, OFC
- 5- ACTIVITY ROOM
- 6- CONFERENCE
- 7- POOL
- 8- NORMAL COTTAGES
- 9- RESTAURANT, DECK AREA
- 10- BUFFER AREA AT LOWER LEVEL
- 11- EVENT LAWN
- 12- GARDEN
- 13- LUXURY COTTAGE
- 14- PLAYING AREA
- 15-
- 16- SUITS
- 17- LAWN
- 18- SIT OUT



AMENITIES OF MANU MAHARANI RESORT CORBETT

	GENERAL:-	BVALCONY, ELECTRIOC ROOM HEATER,24 HRS HOPT & COLD WATER
	PARKING:-	FREE ONSITE PARKING.
	INTERNET:-	FREE INTERNET ON RECEPTION.
	MEALS:-	RESTAURANT, MEAL.
	POOL&BEACH:-	SWIMMING POOL.
	SORTS:-	GENERAL
	RECREATION:-	INDOOR PLAYROOM
	TOURIST SERVICES:-	PICK & DROP TRANSP[ORT. SIGHTSEEING CABS (EXTREA)
	ROOMS:-	LUXURY ROO M, COTTAGE & SUITE ROOMS,
	BUSINESS:-	BUSINESS CENTRE WITH INTERNET ACCESS.

LUXURY ROOMS (15 ROOMS):

- Our specious deluxe room are comfortable and equipped with all amenities.
- Max 4 guest (adult & child) can stay in this room



LUXURY COTTAGE (15 ROOMS):

- Luxury cottage are well- appointed rooms with all modern facilities & amenities are available like modern bathroom, hot and cold water, satellite television ,ac tea & cold water make.
- Max 4 guest (adult& child).



CLUB COTTAGE (6ROOMS):

- Cottage provide luxurious accommodation which area well- appointed and specious rooms with all modern facilities & amenities are available like modern bathroom, hot and cold water, satellite, television.



SUITE COTTAGE (2ROOMS)

SWIMMING POOL:

- They have a clean and well managed **pool** with shower and changing rooms. **The resort** is located right next to **the** Kosi river.
- The pool was clean but the water isn't heated. So, it is useful only during summer.
- pool was also superb and overall all the programs arrange by the hotel is good and entertaining .



REQUIREMENTS:

- | | |
|--------------------------------|------------------------------|
| ▪ TOTAL AREA OF SITE - 11 ACRE | ▪ GYMNASIUM --. |
| ▪ TOTAL ROOMS - 50 | ▪ CONFERENCE ROOM - 280 sqm. |
| ▪ RESTAURENT - 412 sqm. | ▪ DECK AREA - 140 sqm. |
| ▪ ADMIN/ - 250 sqm. | ▪ BANQUET HALL - |
| ▪ BAR - 150 sqm. | ▪ SWIMMING POOL - 114 sqm |

DEAD CASE STUDY

ANANTA RESORT, UDAYPUR

PROJECT :- Ananta Resort ,Udaipur

ADDRESS :- Village Bujhda, Tehsil Girwa, Kodyat Main Rd, Udaipur, Rajasthan
313031

AREA :- 75 acres (303514.23 SQ/M)

TOPOGRAPHY:- contours

OWNER : - Mr. MUKUND GOEL

ARCHITECT- GM ARCHITECTS

CORDINATES :- 24.5704° N, 73.6261° E

Set against a breath-taking backdrop of the Aravalli Hills, Ananta Udaipur creates a fairytale experience for guests with the choicest of 5-star luxuries on offer. Through blossoming verdure and contemporary villas coupled with excellent services, Ananta Udaipur captures the beauty of your sojourn. Sprawling across 75 acres of lush greenery, our resort in Udaipur encompasses

CLIMATE

- Hot Semi-arid Climate
- Climate And Weather Of Udaipur Is Usually Hot
- The summer season runs from mid- March to June and touches temperature ranging from 23 °C (73 °F) to 44 °C (111 °F) in the months of March to June

ARCHAEOLOGICAL IMPORTANT PLACES -

Jagdish Temple – 8.9 KM

City Palace– 8.7 km

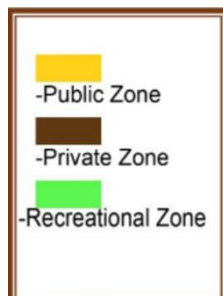
Saheliyon ki Bari- 9.7 KM

NEAR BY CITIES -

Nathdwara

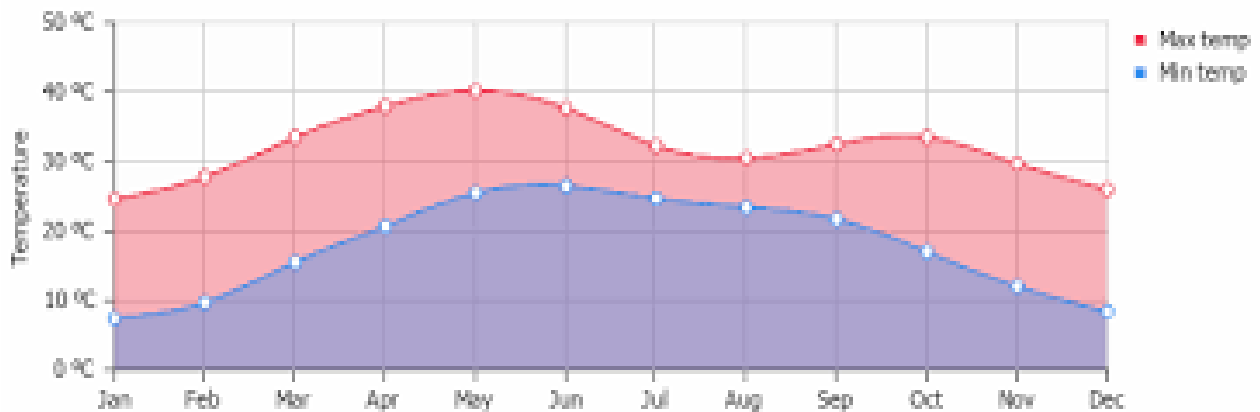
Bhindar

Kanor





AVERAGE TEMPRATURE-



APPROACH TO THE DESTINATION -

-  METRO STATION –
-  BUS STATION – 11 KM
-  RAILWAY STATION – 12 KM
-  AIRPORT - 31 KM



PARKING:-

Total no. of cars that can be parked at a time on site are 712 cars

CONCEPT :-

- The design concept of this resort is by GM architects .
- This resort have steep contours which allows a play of variable heights .
- The Ananta Udaipur is beautiful and well maintained property where locally available stones are being used in the facade of the building making it very earthy.
- Beautiful drive way to the reception having trees on either sides of the roads .
- Road is made up of cobbled stones giving very earthy feeling to the visitor and the road flows with the contours of the sites having natural slopes , turns and curves as of the site . The scenic beauty around it gives a very close to nature fee

Admin, Kitchen & Restaurant Plan



FACILITIES OF RESORT



INDOOR PLAYING AREA



KIDS PLAYING AREA



GYMNASIUM



RECEPTION AREA



ROOM FOR GUESTS



GOLF



POOL AREA



BANQUET HALL



AMPITHETRE



PARKING



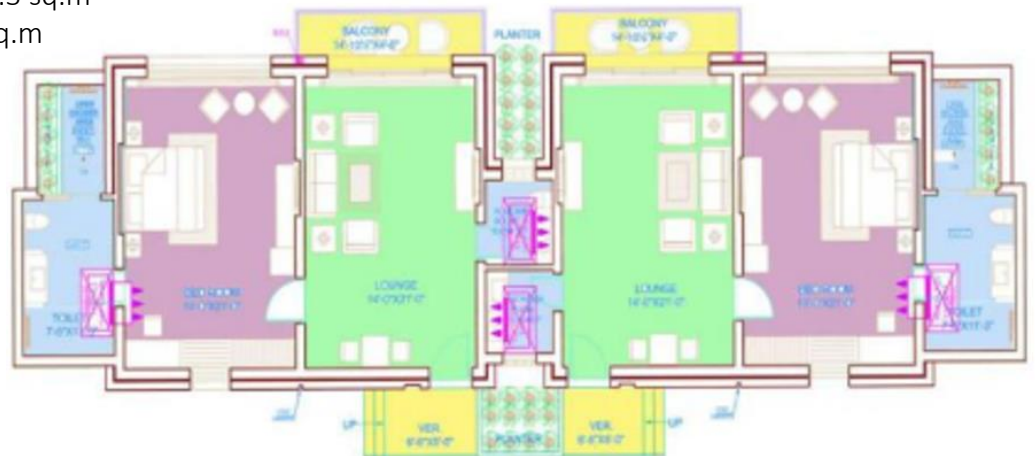
EVENT LAWN

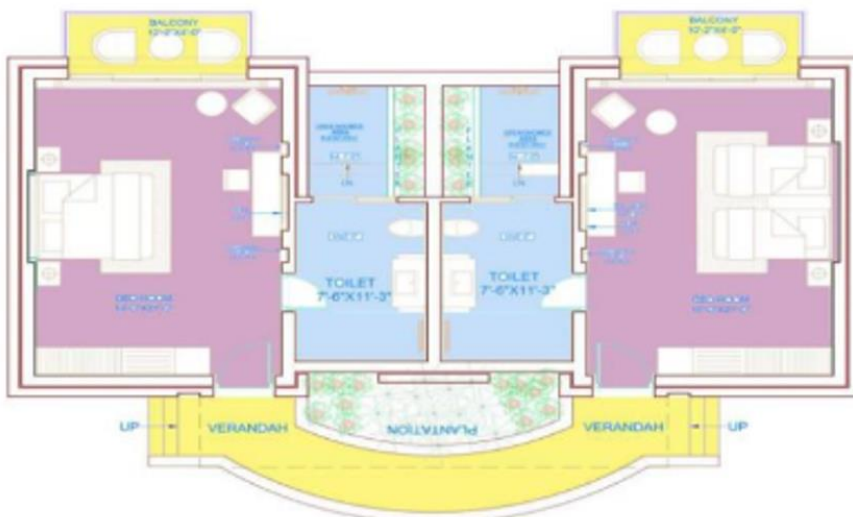


WALK WAYS

1 BHK ROOM

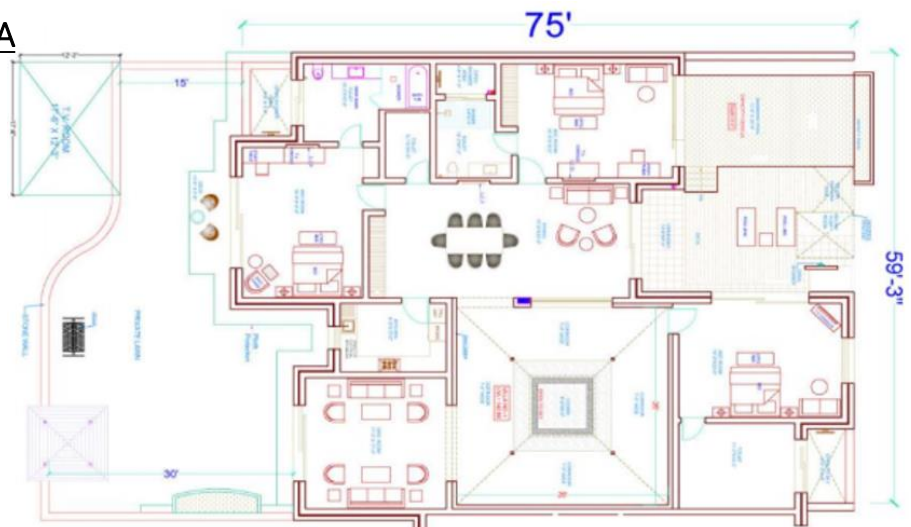
- Total area of single unit : 96.8sq.m
- 1 Bedroom : 27.3 sq.m
- Lounge : 27.3 sq.m
- Toilet : 7.7 sq.m





2 BEDROOM PRIVATE VILLA

- Total area : 411.09 sq.m
- 3 bedroom + toilet
- kitchen
- Drawing & dining
- Swimming pool
- Courtyard
- Veranda
- Private lawn



DOUBLE FLOOR VILLA

- Total area : 133.9sq.m
- 1 Bedroom : 27.3 sq.m
- Lounge : 0.0sq.m
- Toilet : 7.7 sq.m
- Balcony & veranda : 17.12 sq.m





2 BHK VILLA

- Total area : 142.6sq.m
- 1 Bedroom : 27.3 sq.m
- Lounge : 27.3 sq.m
- Toilet : 7.8 sq.m
- Balcony & veranda 10.12 sq.m



REQUIREMENTS

- TOTAL AREA OF SITE - 40 ACRE
- TOTAL ROOMS - 182
- RESTAURANT - 500 sqm.
- ADMIN BLOCK - 250 sqm.
- BAR - 150 sqm.
- GYMNASIUM - 180 sqm.
- CONFERENCE ROOM - 120 sqm.
- DECK AREA - 250 sqm.
- BANQUET HALL - 168 seat



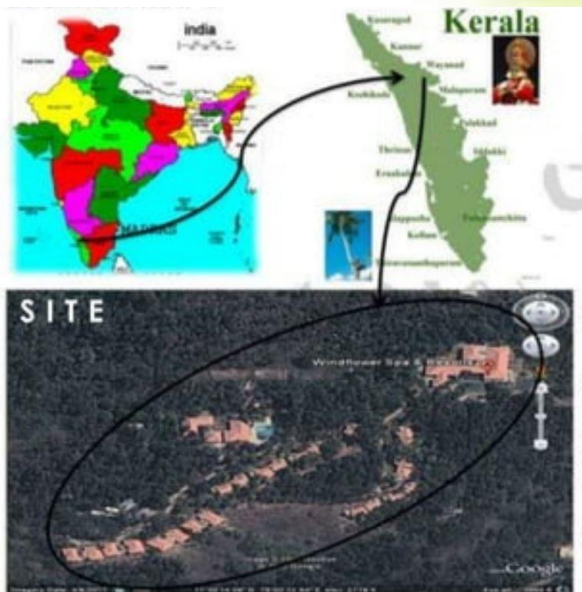
THE WIND FLOWER SPA RESORT

LOCATION MAP OF RESORT

- WIND FLOWER RESORT IS LOCATED AT A PLACE WHICH PROVIDES A VIEW TO THE SCENIC AREA OF VYTHIRI.
- IT IS LOCATED IN THE CALM AND QUIET AREA IN VYTHIRI, KERALA.



LOCATION MAP



LOCATION: VYTHIRI, WAYANAD KERALA

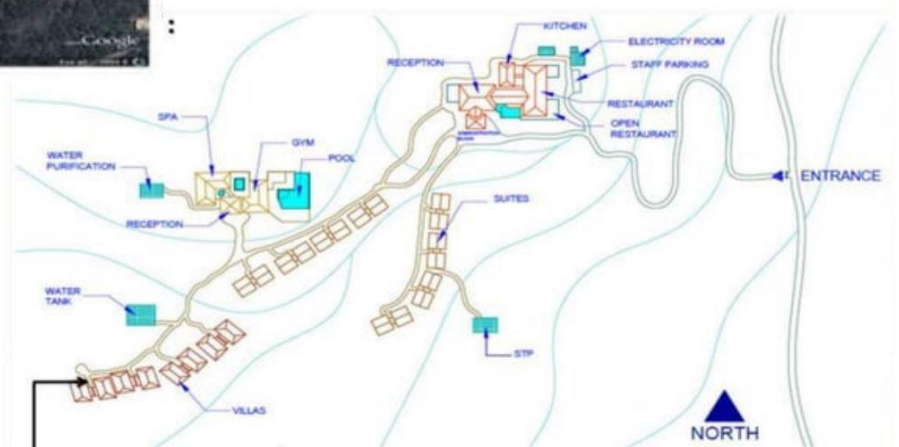
APPROACH:

BY TRAIN- 75 km FROM RAILWAY STATION.

BY BUS - 63.8 km FROM RAILWAY BUS STATION.

BY AIR- 79.3 km. FROM CALICUT INTERNATIONAL AIRPORT.

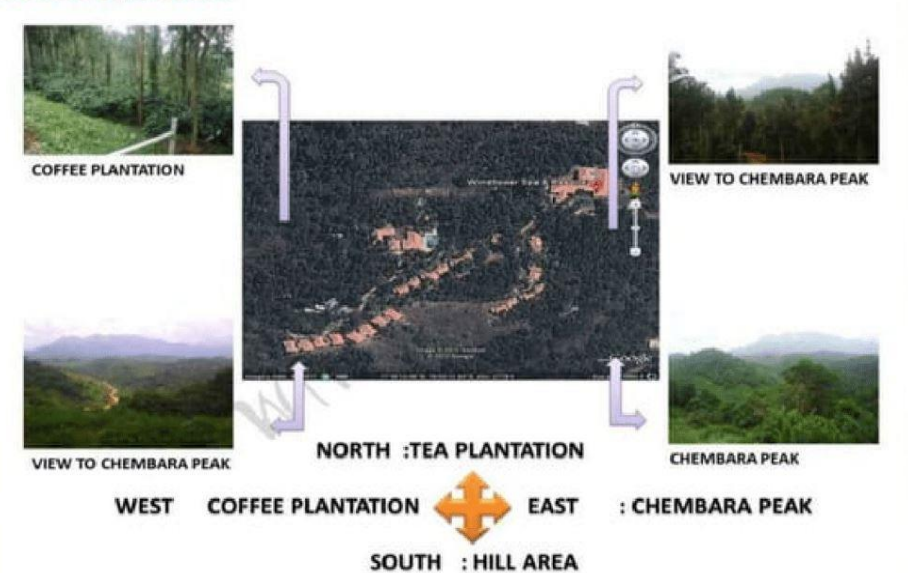
AREA:- 25 ACRES



- ALL THE COTTAGES AND RESTAURANT HAVE THE VIEW TO THE CHEMBARA HILLS.
- SITE IS CONTOURED SUCH THAT SOME SPACES MAY GET PRIVACY EVEN THOUGH THEY ARE NOT SEPARATED BY WALLS SUCH AS POOL.
- VEHICULAR MOVEMENT IS RESTRICTED UP TO THE ADMINISTRATIVE BLOCK SUCH THAT POLLUTION CAN BE AVOIDED.
- ELECTRIC CLUB CARS ARE USED FOR TAKING THE VISITORS TO COTTAGES AND SERVICES.
- THE COTTAGES ARE ARRANGED IN SUCH A WAY THAT IT MAY AFFECT PRIVACY.

NOTE: THE SITE HAS ABOUNDED WITH THE COFFEE PLANT, TREE & HAVE COMPLETE VIEW OF CHEMBARA HILL WHICH EMBRACING THE PARK OF CHEMBARA.

SURROUNDINGS :

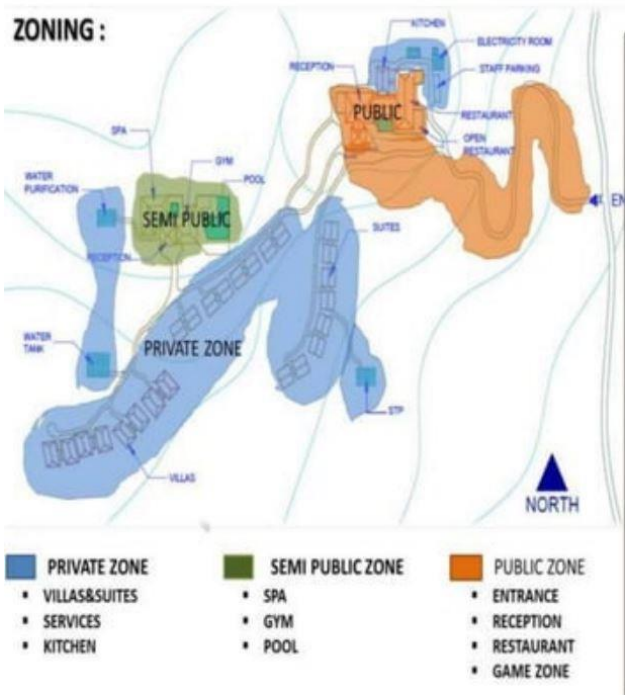


SILENT FEATURE

- PRIVATE ZONE HAS BEEN SEPARATED TO MAINTAIN THE PRIVACY.
- BUT THE VILLAS & SUITES SOME TIME LIBEL DUE TO CONTOUR LAND.
- SEMI PUBLIC ZONE SUCH AS SPA, GYM, POOL IS NICELY HAS BEEN PLOT IN NORTHERN PART OF RESORT.
- PUBLIC ZONE IS DESIGNED IN SUCH WAY WHICH HAS COMPLETELY VIEW OF THE CHEMBARA PEAK/ HILL AS IT HAS BEEN DESIGNED ON PEAK OF VYTHIRI.

VARIOUS ZONE OF RESORT

- INTERNAL ROAD
- OPEN RESTAURANT
- RESTAURANT
- SUITES
- VILLA
- PEDESTAL WAY
- POOL
- SPA
- RECEPTION
- KITCHEN



VISITOR & STAFF MOVEMENT



- ADMINISTRATION CUM SERVICES
- SPA & SWIMMING POOL
- 30 SUITES
- 8 VILLAS
- MAIN ENTRANCE

FACILITIES:

- BATHROOMS
- KING BEDS & TWIN BEDS
- INDIVIDUALLY CONTROLLED AIR-CONDITIONING
- HAIR DRYER IN THE BATHROOMS
- ELECTRONIC SAFE
- ELECTRONIC KETTLE & TEA MAKING FACILITY.
- LAUNDRY & EXPRESS LAUNDRY SERVICE.
- HIGH CEILINGS WHICH ENHANCE THE SENSE OF SPACE.
- KERALA THEMED ARCHITECTURE WITH INDONESIAN FURNITURE AND DARK WOODEN FLOORS.
- EVERY ROOM IS AN INDEPENDENT RELAXATION OR RECREATIONAL HUB COURTESY FREE WIFI, CABLE TELEVISION & DVD PLAYERS.



BATHROOM



BEDROOM





SWIMMING POOL



SNOOKERING



OUTDOOR CHESS

SERVICES

SWIM:

PROVIDING SWIMMING POOL, FRAMED BY TALL TEAK AND SILVER TREES WITH THE VIEW OF CHEMBARA PEAK WHICH IS THE HIGHEST PEAK IN WAYANAD AND NEAR TO THAT ONE OPEN SHOWER IS ALSO PROVIDED.

YOGA:

SEPARATE YOGA SECTION IS THERE WITH COOL ATMOSPHERE. IT'S SIMPLY POWERFUL AND NATURE WOULD APPROVE.

PLANTATION TOURS:

THIS IS AN IDEAL PLACE FOR TREKKING. BECAUSE OF THE ROLLING HILLS, THE COOL MOUNTAIN AND THE BREATHTAKING SCENERY AND LONG MOUNTAIN WALKS. VISITOR CAN LEARN ALL ABOUT TEA, COFFEE AND CARDAMOM PLANTATIONS.

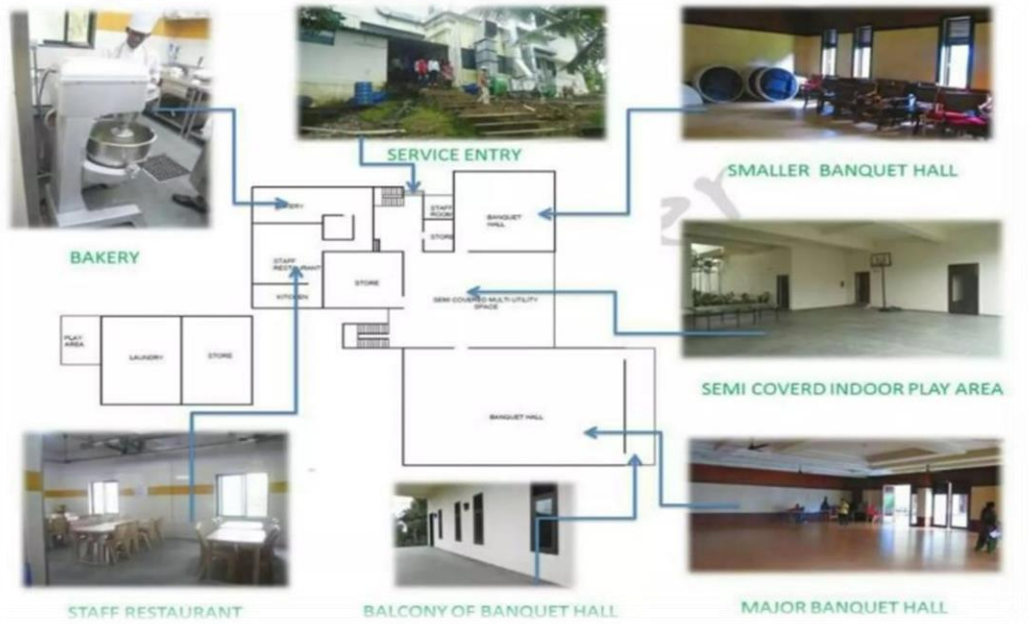
INDOOR GAMES:

LUDO, SCRABBLE PROVIDED.

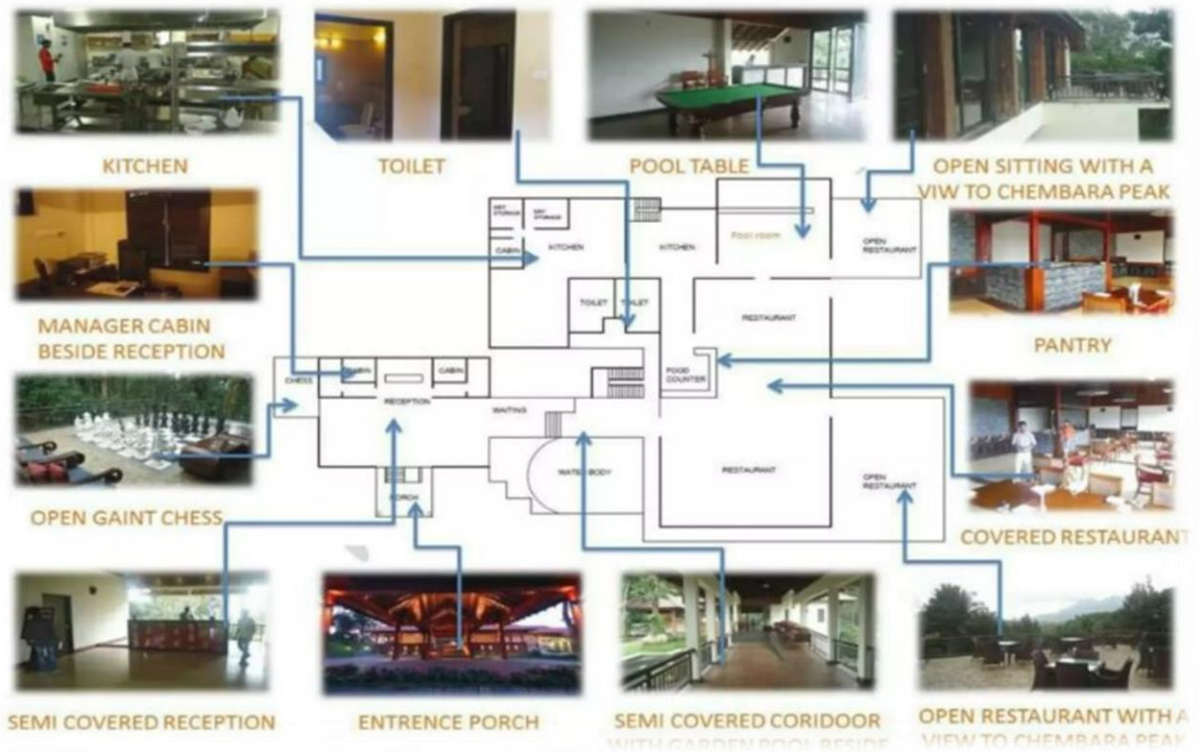
OUTDOOR GAMES:

PROVIDED BADMINTON AND BASKETBALL LIKE OUTDOOR GAMES, AND JOINT CHESS IS ALSO PROVIDED IN THE OUTDOOR. WE CAN SAY IT IS ONE MORE INTERESTING AND SIGNATURE PART OF WINDFLOWER RESORT.

GROUND FLOOR PLAN
OF ADMINISTRATIVE
BLOCK & RESTAURANT

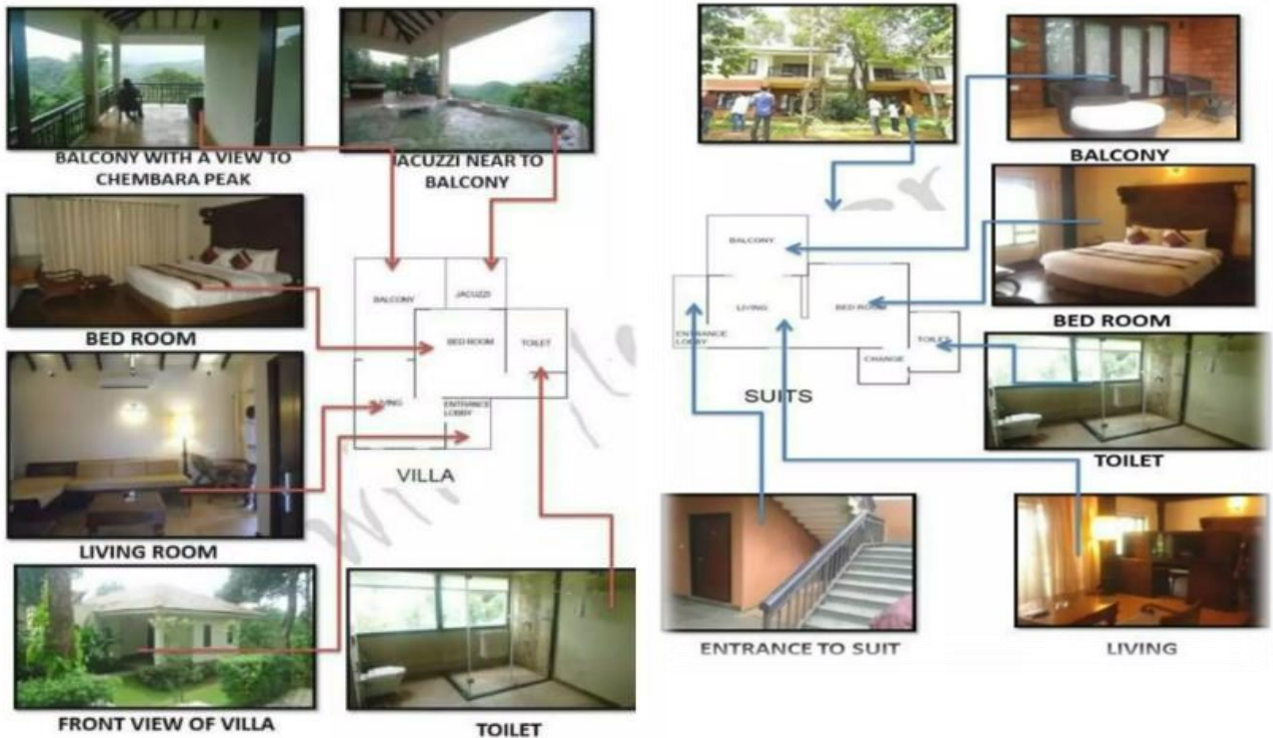


TYPICAL FLOOR PLAN



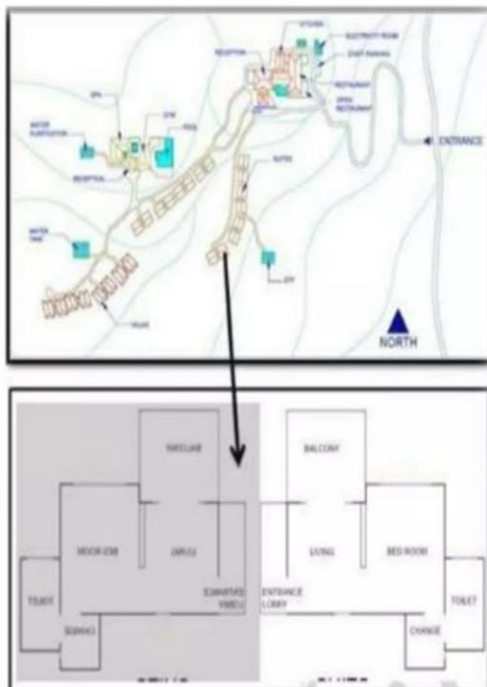
CHARACTERISTICS

TYPICAL VILLA UNITS



- THE HUGE WINDOWS IN EVERY ROOMS INCREASES CONNECTIVITY TO NATURE.
- THE BALCONY GIVES A DIRECT VIEW TO CHEMBARA HILLS.
- OPEN JACUZZI IS PROVIDED BESIDE THE BALCONY.
- SLOPPING ROOF IS PROVIDED WHICH GIVES A TOUCH OF TRADITIONAL ARCHITECTURE.
- THE VILLAS ARE ARRANGED IN LINEAR FORM.

- THE HUGE WINDOWS IN EVERY ROOMS INCREASES CONNECTIVITY TO NATURE.
- THE BALCONY GIVES A DIRECT VIEW TO CHEMBARA HILLS.
- OPEN JACUZZI IS PROVIDED BESIDE THE BALCONY.
- SLOPPING ROOF IS PROVIDED WHICH GIVES A TOUCH OF TRADITIONAL ARCHITECTURE.
- THE SUITS ARE ARRANGED IN LINEAR FORM.
- LIVING ROOM AND BEDROOM IS SEPARATED WITH TV SET.



EACH SUITE MEASURES 107 SQ.M



TYPICAL SPA & ENTERTAINMENT BLOCK UNITS



GARDEN



FOOT LIGHT



WATERBODY



COTA TILED PATHWAY



INTERLOCKS PAVING



POOL



GARDEN WITH FOUNTAIN



BRIDGE LIKE PASSAGE



SCULPTURE

LANDSCAPEING MATERIALS

CONSTRUCTION DETAIL

- IT IS AN R.C.C. FRAMED STRUCTURE, WHICH IS CONSTRUCTED IN LOCAL KERELA STYLE.
- IT HAS SLOPING ROOF ON WHICH LOCAL MANGLORE STYLE TILES HAS BEEN USED TO GIVE TRADITIONAL LOOK OF KERELA.
- AS A FORM OF LANDSCAPE AND PEDESTRIAN MOVEMENT, PAVING STONE BLOCK HAS BEEN USED.

CHAPTER - 4

STANDARDS

ELEMENTS OF RESORT COMPLEX :-

- ❖ Lodging facilities
- ❖ Interior design
- ❖ Landscaping
- ❖ Shops and services
- ❖ Entertainment
- ❖ Dining and bar lounge facilities
- ❖ Transportation and travel facilities
- ❖ Recreational activities and facilities
- ❖ Family oriented resort vacations

CLASSIFICATION OF RESORTS :-

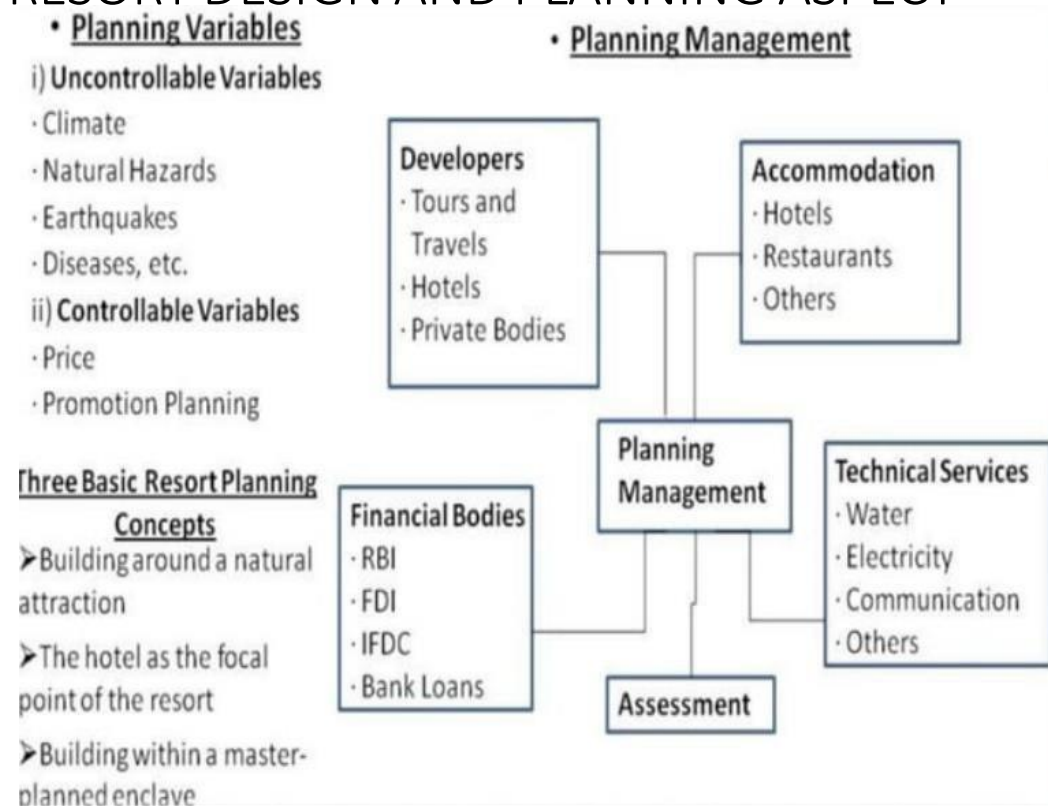
According to the location

- Inland Beach – Plantation Bay▪
- Island – Club Noah Isabelle
- Lakeside – Lake Caliraya
- Farm – Villa Escudero
- Orchard – Gap Farming Resort, Davao
- Mountain – Mt. Data Lodge, Benguet
- Springs – Ardent Hot Springs, Camiguin

According to activity offered

- Diving Resort
- Fishing Resort
- Health/Spa
- Golf Resort
- Ski Resort
- Gaming Resort
- Eco Resort
- Theme park Resort
- Marina resort
- Casino Resort
- Conference resort

RESORT DESIGN AND PLANNING ASPECT



PARKING LAYOUT:

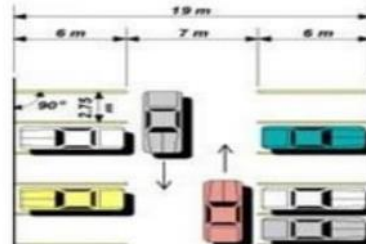
- Parallel parking.
- Parallel parking requires experience, confidence and patience.
- Parking spaces (min); 7.5 meters long and 2.75 meters wide.

ANGLE 90 PARKING

- Efficient in low turnover rate or long term parking areas, the perpendicular, or 90 degree parking configuration is the most vehicles per linear meter.

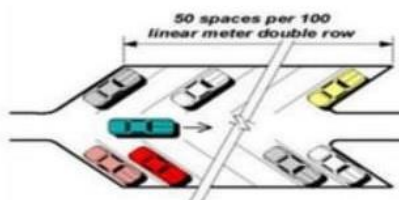
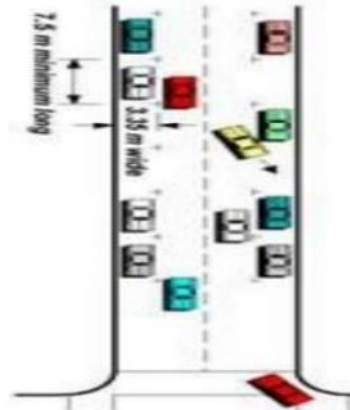
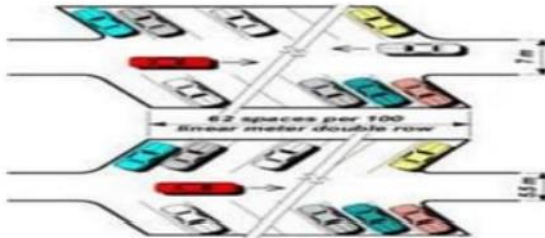
Standard dimensions for this configuration are:

- Parking space width 2.75 meters.
- Parking space length 6 meters.
- Driving aisle width (2-way) 7 meters.
- Two rows plus aisle width 19 meters.
- Vehicles per 100 linear meter double row 82.



ANGLE 60 DEGREE PARKING

- It is ideal for a fast turn over rate for predominately.
- short term use .
- Often offset by difficulties of inefficient circulation.
- patterns and one-way aisles.



Standard dimensions for this configuration are:

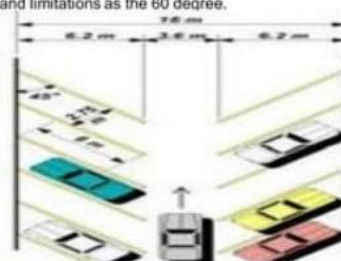
- Parking space width 2.75 meters.
- Parking space length 6 meters.
- Driving aisles width (1-way) 5.5 meters.
- Two rows plus width 16.5 meters.
- Vehicles per 100 linear meter double row 65.6.

ANGLE 45 DEGREE PARKING:

- The 45 degree angled parking configuration displace similar benefits and limitations as the 60 degree.

Standard dimensions for this configuration are:

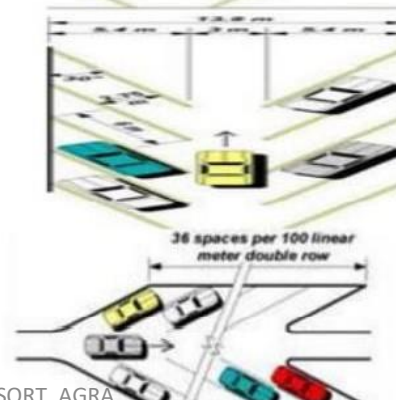
- Parking space width 2.75 meters.
- Parking space length 6 meters.
- Driving aisle width (1-way) 4.5 meters.
- Two rows plus aisle width 14 meters.
- Vehicles per 100 linear meter double row 52.5.



ANGLE 30 DEGREE PARKING

Standard dimension for this configuration are:

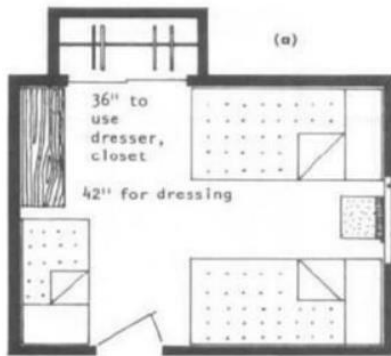
- Parking space width 2.75 meters.
- Parking space length 6 meters.
- Driving aisle width (1-way) 7 meters.
- Two rows plus aisle width 19 meters.
- Vehicle per 100 linear meter double row 39.4.



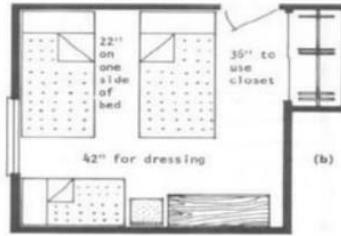
BED ROOM:

FURNITURE CLEARANCES:

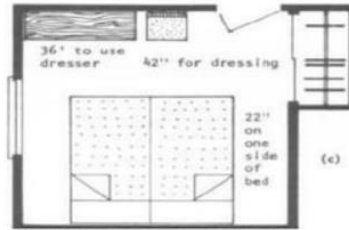
- To assure adequate space for convenient use of furniture in the bedroom, not less than the following clearances should be observed.
- 42 in at one side or foot of bed for dressing.
- 36 in between side of bed and side of dresser or chest.
- 36 in in front of dresser, closet, and chest of drawers.
- 24 in for major circulation path (door to closet, etc.)
- 22 in on one side of bed for circulation.
- 12 in on least used side of double bed. The least-used side of a single or twin bed can be placed against the wall except in bedrooms for the elderly.



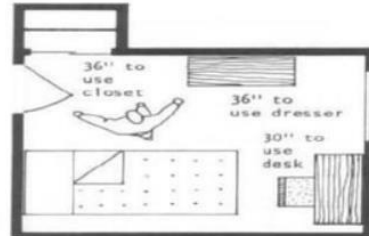
PRIMARY BED ROOM.



PRIMARY BED ROOM.



PRIMARY BED ROOM WITHOUT CRIB.

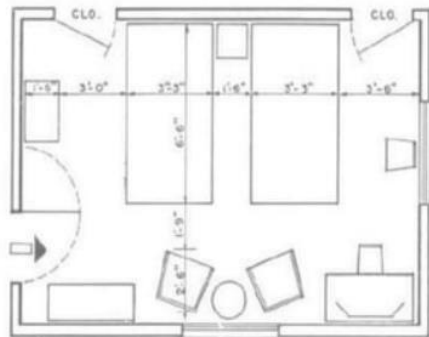


SINGLE OCCUPANCY BED ROOM FOR ELDERLY.

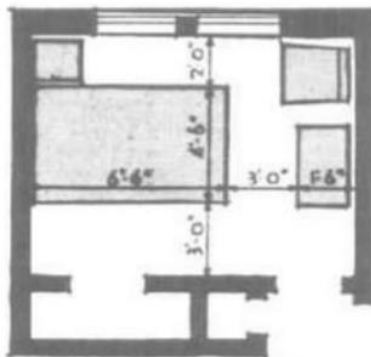
BED ROOM:



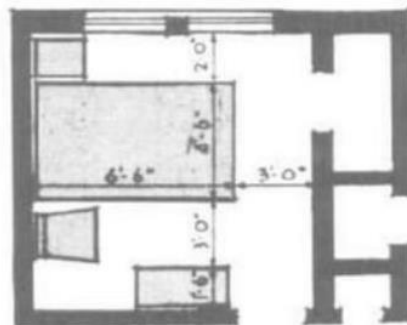
DOUBLE BED - ONE CLOS. 10'-3" x 12'-0"



TWIN BED - SEPARATED 11'-0" x 16'-0"



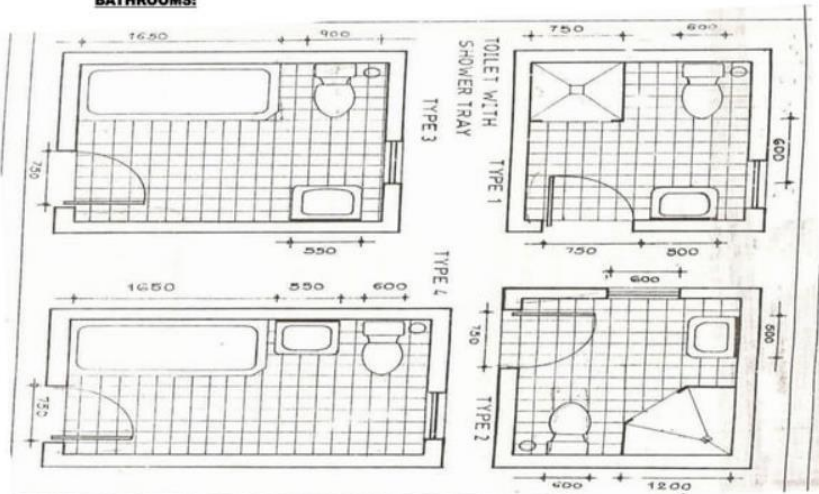
9'-6" x 11'-0" 104.5 sq ft



9'-6" x 11'-0" 104.5 sq ft

Fig. 6 Although the recommended minimum size for a secondary bedroom is 10'0" x 12'0", these diagrams indicate how a double bed, night table, chair, and dresser can be accommodated in a room only 9'6" x 11'0".

BATHROOMS:



FLOORS :

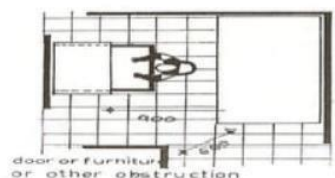
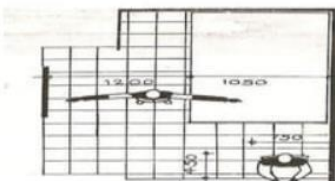
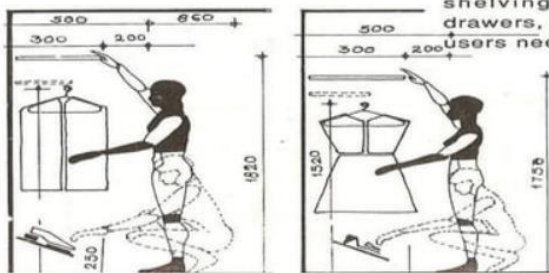
Granite, marble, kota, blue tandoor, kadappa, shahabad, mosaic tiles or ceramic tiles are the common options for the tiling work of bathrooms.

Ceramic and smaller mosaic tiles are the most common bathroom floors, because of its almost indefinite life and ease of maintenance as much for its resistance to water.

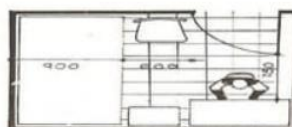
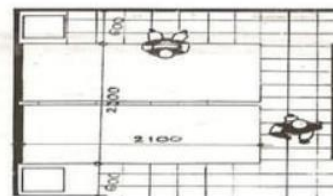
Stones can be a good alternative to tiles because they are available in larger slabs and one can reduce the number of joints in the floor area.

WARD ROBES:

Wardrobes should be self sufficient to meet the users need and should also be custom made. It is very important to study the requirement of the user in details. This study will give you a clear idea of the allocation of internal divisions and spaces. One can never have standardised pattern for the wardrobe. Hanging space, shelving space, number of drawers, lockers depends on the users needs.

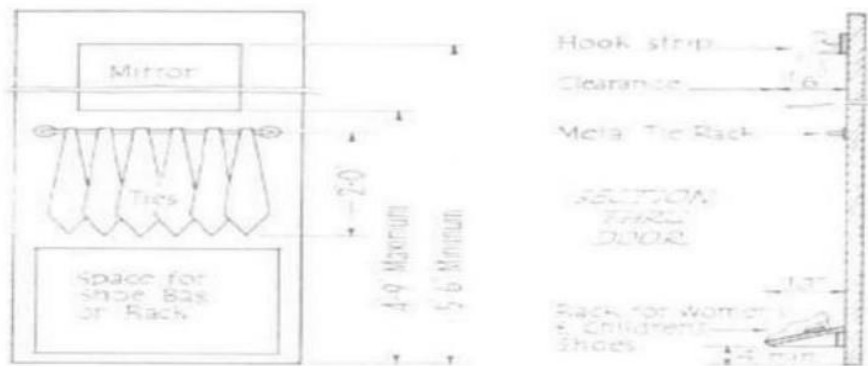
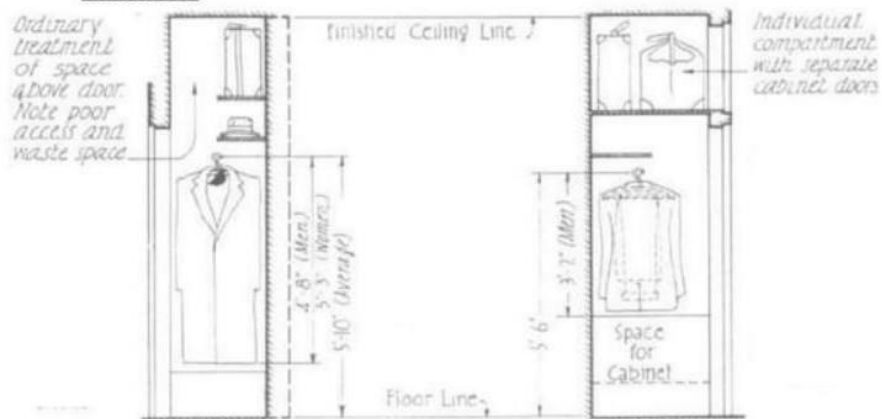


BEDROOM CLEARANCES



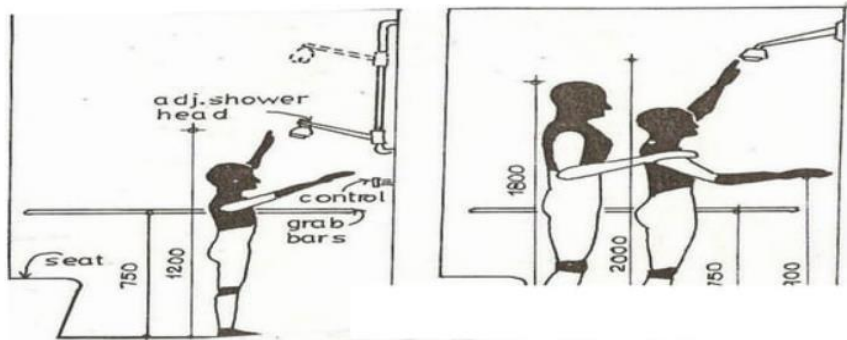
BATHROOM DATA

WARD ROBES:



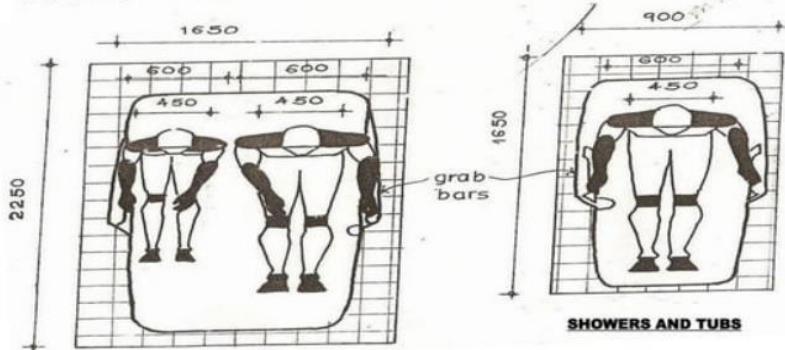
UTILIZING BACK OF CLOSET DOOR

BATHROOMS:



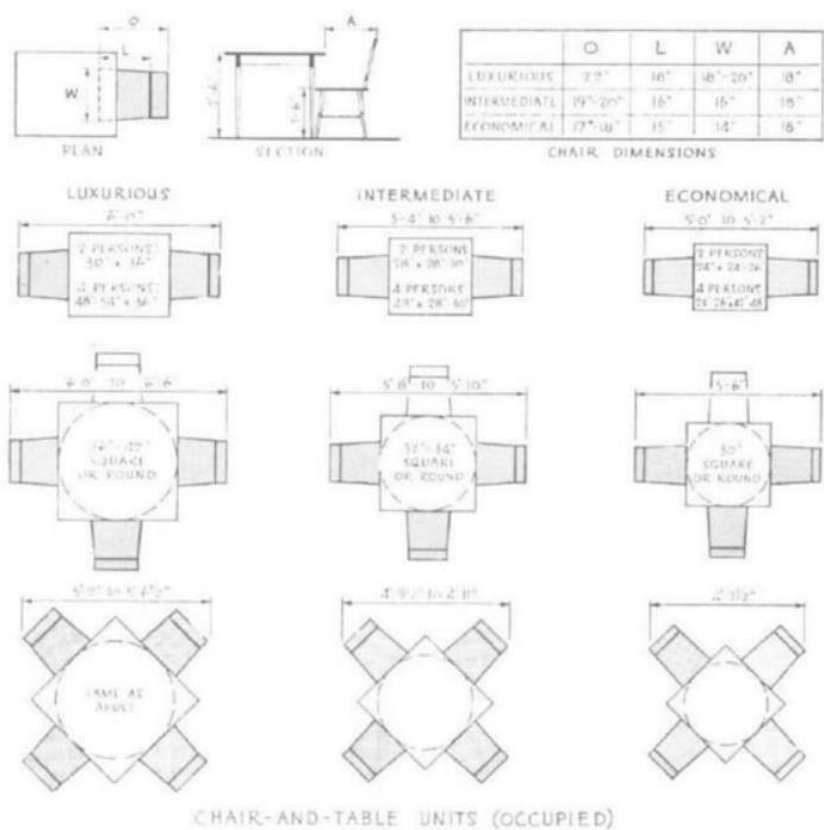
SHOWER AND TUBS :

The length of the tub at the bottom surface should be approximately equal to the buttock-heel length of the smaller user. This will allow one to rest against the end of the tub and act as a brace to prevent the body from sliding too far under the water.

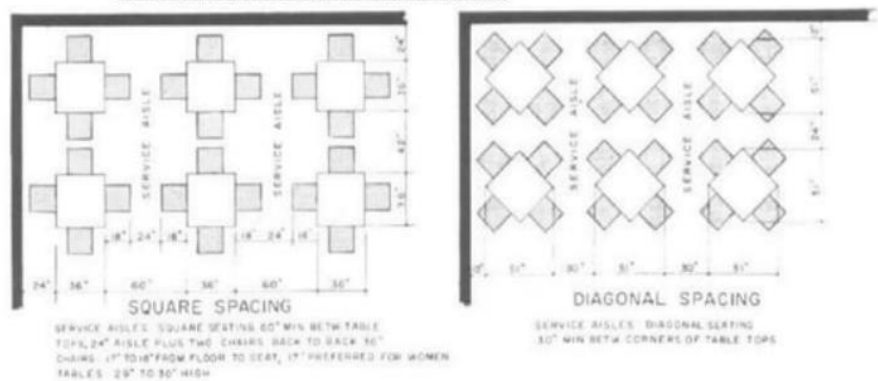


RESTAURANT DATA

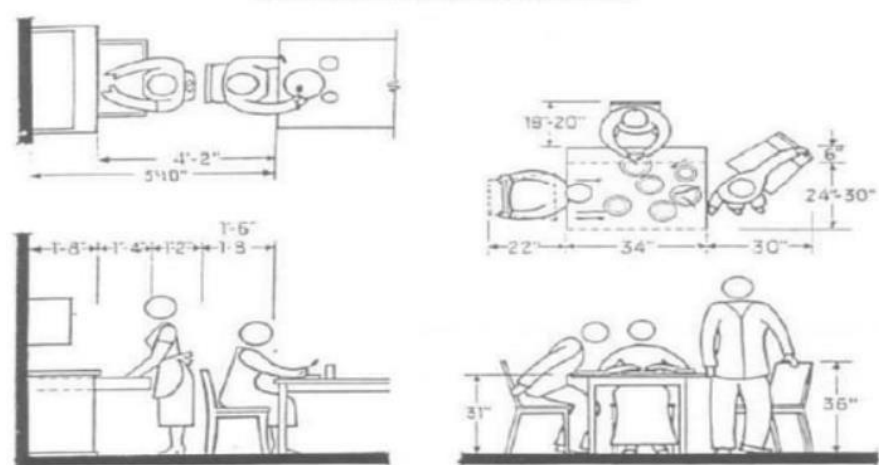
Types and Sizes of Table Arrangements



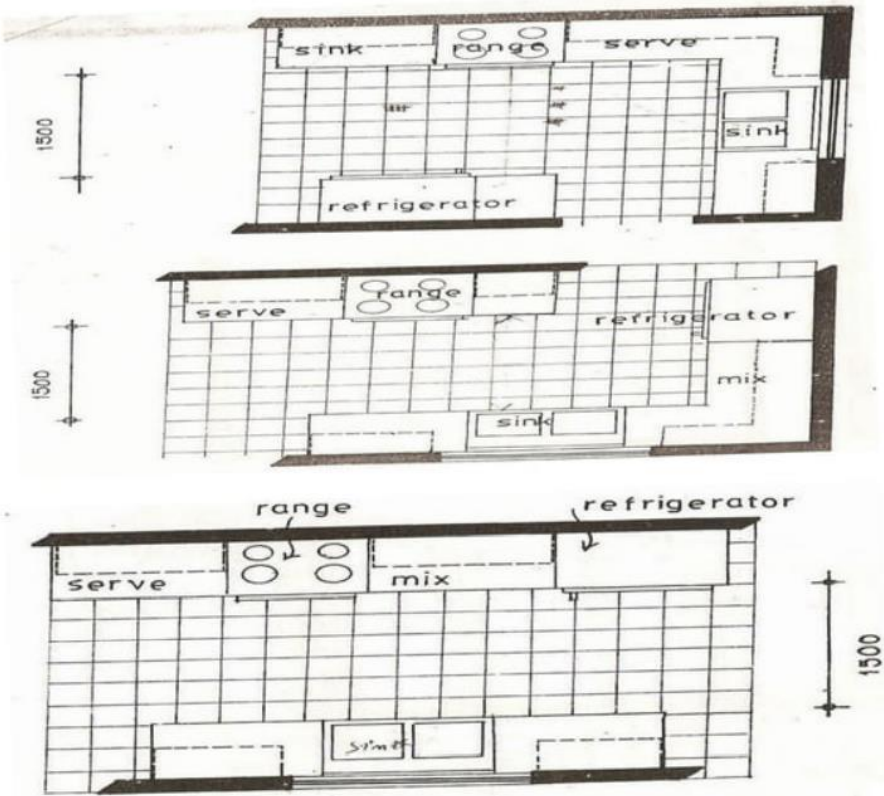
Types and Sizes of Table Arrangements



Design Criteria and Space Requirement

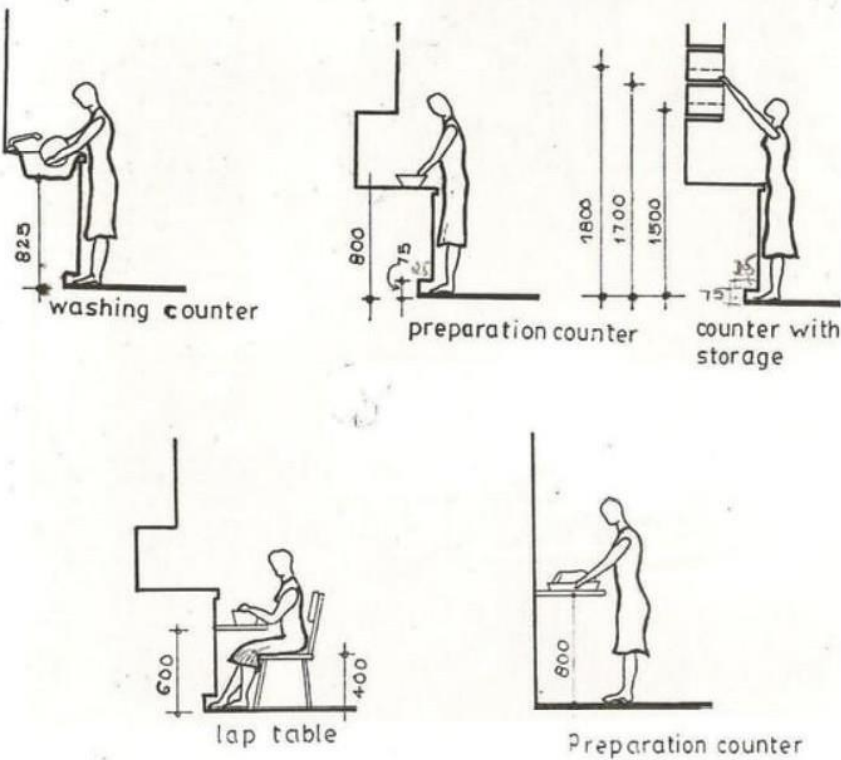


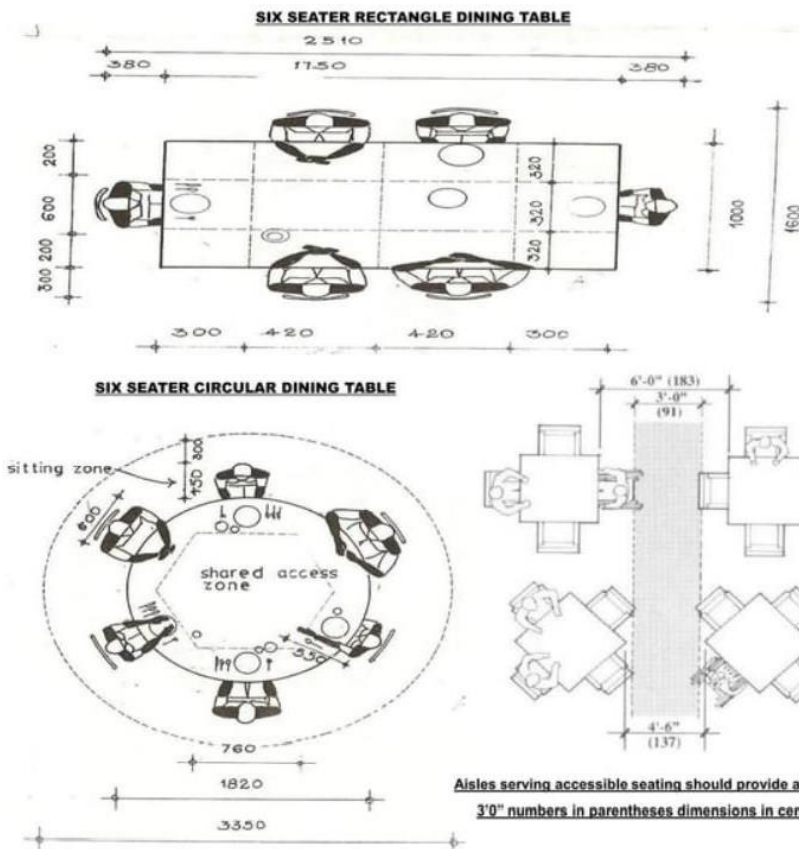
KITCHEN DATA



Designer will not find it difficult to design elaborate and detail layout of kitchen if he is clear with anthropometric data and basic requirements.

ANTHROPOMETRIC DATA,
CIRCULATION SPACE / WORKING ZONE.





The term "swimming pool" means any outdoor or indoor structure intended for swimming or recreational bathing, including in-ground and above-ground structures, and includes hot tubs, spas, portable spas, and non-portable wading pools.*

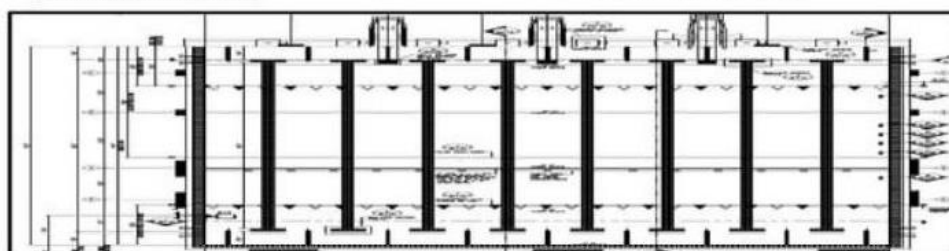
	Standard pool	Water attractions
Size	Kidney to olympic	Widely varied
Depth	2.5 – 9 feet	Zero depth to 5 ft
Drain	12"x12", 9"x9"	Many larger than 18"x23" (unblockable)
Drain sq ft	10+ square feet	Up to 1000 square feet
Uses	Swimming & wading	Sliding, playing, jumping, floating, wave riding



OLYMPIC SWIMMING POOL



RESORT SWIMMING POOL



OLYMPIC SWIMMING POOL (MIN SIZE IS 300 SQM)

CHAPTER - 5

CONCEPT

CONCEPT

the resort has so many amenities, one can get away from the stresses of daily life and unwind here.

PEACOCK FEATHER

The peacock feather meaning represents beauty, luxury, royalty, and wealth.

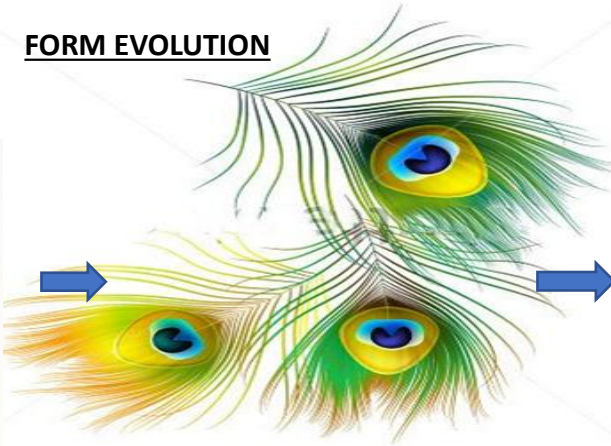
The colour of the peacock feather represents wealth, health, and happiness.

Peacock feathers symbolize good luck because they are considered to be sacred. The peacock is a sacred bird in Hinduism, Buddhism, and Jainism. It

represents immortality, rebirth, and unity with God.



FORM EVOLUTION



Arrangement with correspondence to the



Adding different feathers



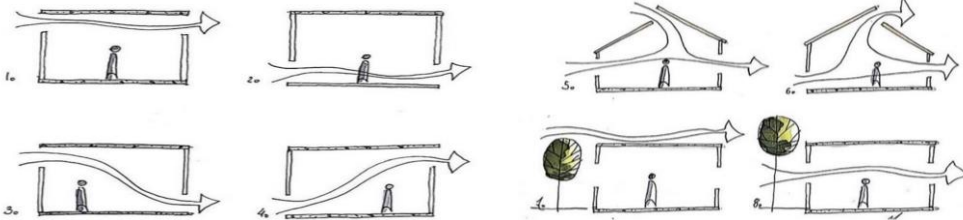
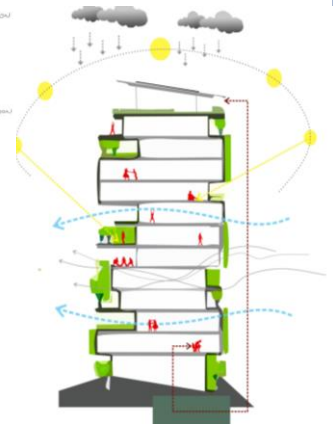
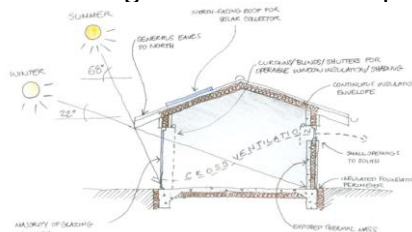
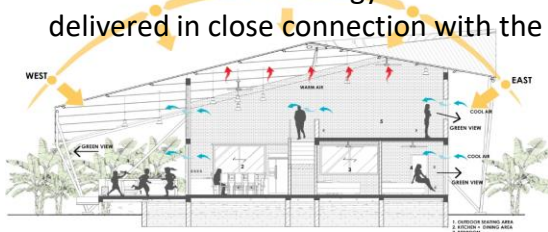
The resort is designed as if emanating from the central spine (main walkway) and radiates like that of the veins of the feather.

The curved pathways(walkways) and the development of the different elements of resort along with the curves will create the attractive views and seems the endless walk with vegetation.

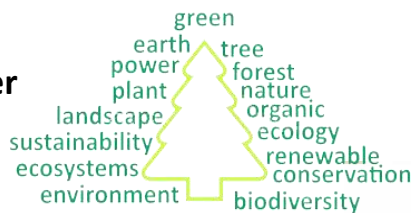


CLIMATE RESPONSIVE ARCHITECTURE-

makes use of free energy in the form of heat and light. The core concept is that comfort is delivered in close connection with the env

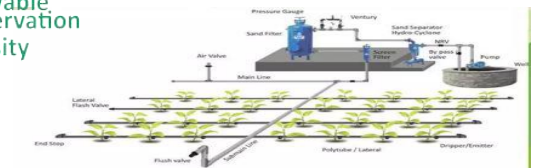


To reduce landscape water requirements



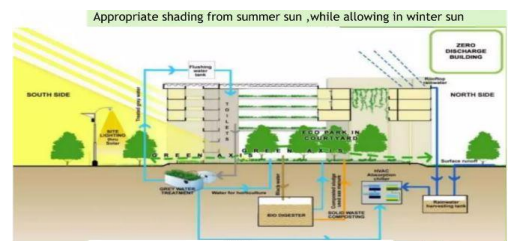
DRIP IRRIGATION

- Use of native species of shrubs and trees having low water demand in landscaping
- Low lawn areas so as to reduce water demand
- Reuse of treated water for irrigation



REDUCE WATER USE IN BUILDING

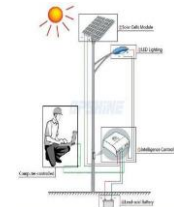
1. Dual flushing cistern
2. Low discharge fixtures
3. Waste water treatment
4. Reuse of treated water for irrigation and cooling towers of HVAC
5. Rain water harvesting - efficient water use during construction
6. Drip irrigation
7. Use of curing compound.



USE OF RENEWABLE RESOURCES

To achieve Ecofriendly, sustainability & Leed we have to use some renewable sources of energy also recyclable materials here some of them used in the project
USING SOLAR SUN SHADING

USE OF SOLAR LIGHTS AND



ECO-FRIENDLY OR SUSTAIN BUILDING



ECO-FRIENDLY MATERIALS

Eco-friendly items and materials are defined as being not environmentally harmful. These products promote green living or green manufacturing methods that lessen the amount or types of resources used. In short, eco-friendly products help the earth, not cause it harm

Efficiently using energy, water and other resources.
Protecting occupant health and improving employee productivity.
Reducing waste , pollution and environmental degradation

COB



Cob, cobb, or clom (in Wales) is a natural building material made from subsoil, water, fibrous organic material (typically straw), and sometimes lime. The contents of subsoil vary, and if it does not contain right mixture, it can be modified with sand or clay

CORK



Cork is made of layer of bark tissues of oak tree, which is one of the highly renewable and eco-friendly resources. fantastic green buoyant material found its unique purpose in building cork ceiling panels, acoustic wall and flooring.

HEMPCRETE



Hempcrete is a mixture of sand, hemp fibres and lime. It is typically used for construction and insulation. Blocks made of hempcrete are super-lightweight and easy to work with. Hemp is a fast-growing renewable resource, which makes hempcrete great for the environment.

NEWSPAPERWOOD



Newspaper Wood is made by coating individual sheets of old newspaper with glue and then tightly rolling the glued sheets into logs. The glue used is solvent and plasticizers-free

PAPERCRETE



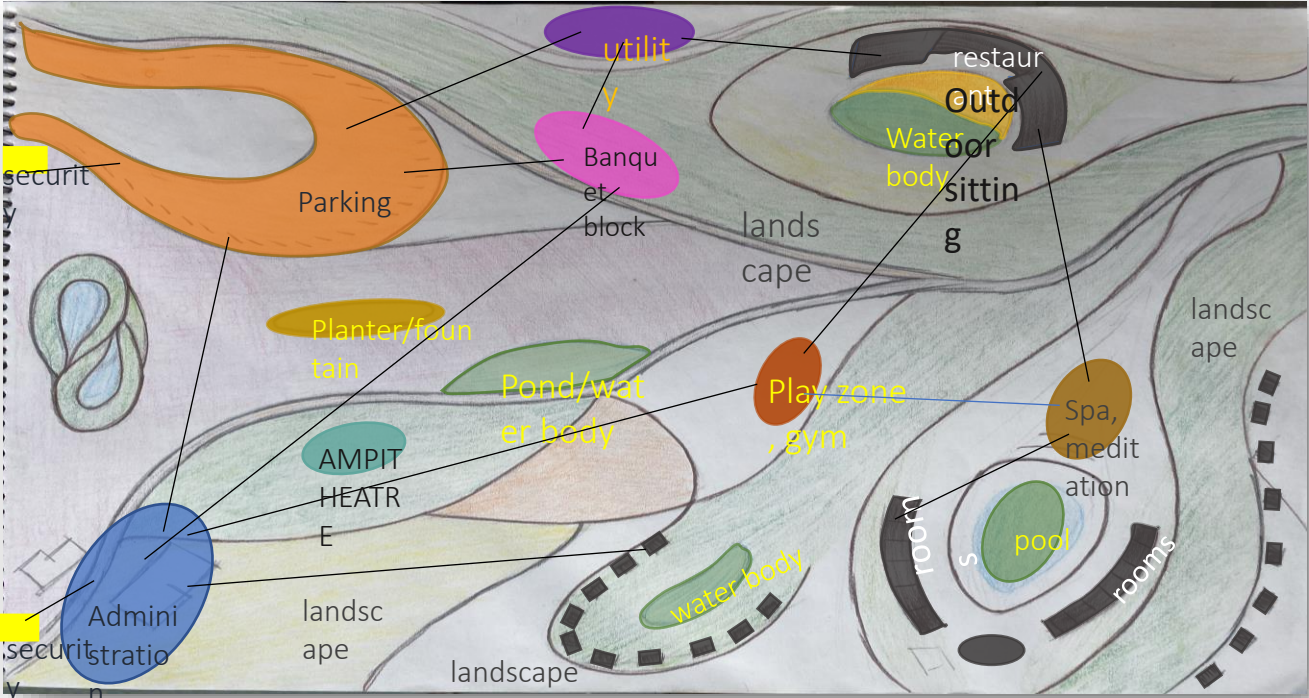
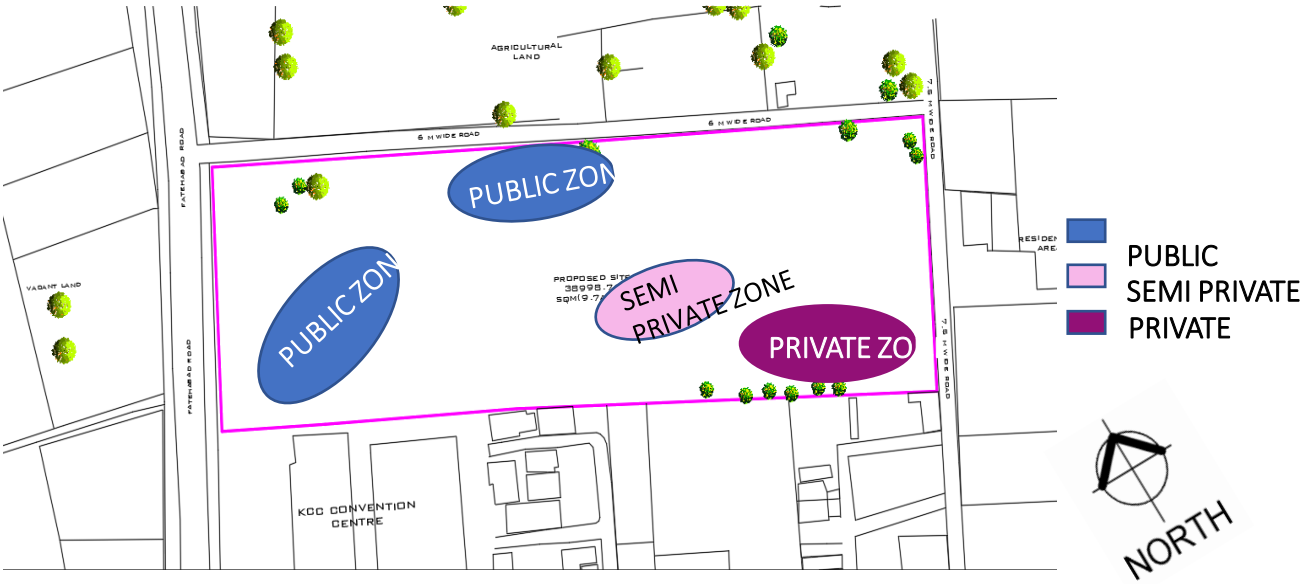
Papercrete is an interesting and very new material that is a good substitute for concrete . Papercrete is shredded paper, sand and cement mixed together that forms a very durable brick loke material













TIMBERCRETE



Timbercrete is an Eco-friendly building material made of sawdust and concrete mixed together. sawdust replaces components within the concrete that are most energy-intensive to produce - which makes timbercrete a green material. Timbercrete can be used in the form of blocks, bricks and pavers.

ZONING -



- | | | | |
|---|-------------------------------------|---|-----------------|
|  | Parking |  | Banquet |
|  | Administration |  | Utility |
|  | Rooms, villas, cottages, restaurant |  | Outdoor sitting |
|  | Play zone, gym |  | Landscape |
|  | Spa, meditation |  | Security |
|  | Water body, pool |  | Pathways |

S.NO.	PROGRAM	CAPACITY	AREA IN SQM	NOS. OF UNIT	TOTAL AREA
1.	Reception	4\ DESK	18	1	18
2.	Waiting area	25/PERSON	60	1	60
3.	conference	100/PERSON	150	1	150
4.	Meeting Hall	20/PERSON	60	1	60
5.	Public Toilets				25
6.	Staff room	10/PERSON	70	1	70
7.	Record room		10	1	10
8.	Restrooms	4/PERSON	4.5	1	18
9.	Store room		10	1	10
10.	Security office		15	1	15
11.	Manager office	1/PERSON	30	1	30
12.	Technician room	2/PERSON	10	1	10
13.	Director room	1/PERSON	35	1	35
14.	Ass. manager room	1/PERSON	25	1	25
15.	Account room	2/PERSON	15	1	15
17.	Library	25	110	1	110
18.	Baby feeding room		8	1	8
20.	staircase		30	1	30
23.	First aid room/ Medical room	2/PERSON	9	1	9
24.	CCTV Room / Computer room		10	1	10
					TOTAL= 718 SQ.M

S.NO.	PROGRAM	CAPACITY	AREA IN SQM	NO. OF UNIT	TOTAL AREA
1.	Rooms	2	26	85	2340
2.	Deluxe rooms	2	35	60	2100
3.	SUITS	2	55	4	220
4.	COTTAGE		60	10	600
5.	VILLA	6	150	4	600
					TOTAL= 5860

S.NO.	PROGRAM	CAPACITY	AREA SQM	NOS. OF UNIT	TOTAL AREA
1	BANQUET	400	600	1	600
2	TOILET	12			35
3	KITCHEN				70
4	STORE				10
					715 SQ.M

S.NO.	PROGRAM	CAPACITY	AREA SQM	NOS. OF UNIT	
1	BANQUET	400	600	1	600
2	TOILET	12			35
3	KITCHEN				70
4	STORE				10
					TOTAL=

S.NO.	PROGRAM	CAPACITY	AREA SQM	NOS. OF UNIT	TOTAL AREA
1	SPA	10	10	1	100
2	SAUNA	10	10	1	100
3	MEDITATION	20	1.5	1	30
4	AMPITHEATRE				500
					730 SQ.M

S.NO.	PROGRAM	CAPACITY	AREA IN SQM	NOS. OF UNIT	TOTAL AREA
1.	Laundry room		70	1	70
2.	AHU Room		15	1	15
3.	Electrical room bit		10	1	10
5.	Main store room		25	1	25
6.	changing rooms with lockers		10	1	10
7.	Staff Lounge		15	1	15
8.	Restrooms	3	4.5	1	13.5
9.	Dump area (waste management)		8	1	8
10.	staff kitchen & Staff dining		18	1	18
12.	Service entry		-	-	-
13.	Goods Recieving area		15	1	15
14.	Washing area.		8	1	8
15.	Staff Toilets		6	1	6
16.	Equipment storage		8	1	8
					TOTAL=223 SQ.M

S.NO.	PROGRAM	CAPACITY	AREA IN SQM	NOS. OF UNIT	TOTAL AREA
1.	Children play area.		120	1	120
2.	Gymnasium	40	150	1	150
3.	Biblio boards	4	18	1	22
4.	TABLE TENNIS	2	32	1	32
5.	Toilets		30	1	30
6.	Changing room		10	1	10
7.	Locker room		8	1	8
8.	Reception / Help desk	2	8	1	8
9.	Staff room with attach toilet		15	1	15
					TOTAL= 385 SQ.M

BYE- LAWS ANALYSIS

PROPOSED SITE AREA – 9.64 ACRE (38998.76 SQ.MT.)

MAX. GROUND COVERAGE – 40% (15600 SQ.MT.)

F.A.R. - 2

ACHIEVED F.A.R. -

MAX. BUILT-UP AREA = SITE AREA X F.A.R.

$$= 38998.76 \times 2 = 77997.52 \text{ SQ.MT. say } 77997 \text{ sq.m}$$

MAX NO. OF FLOORS – MAX BUILT-UP AREA / MAX GROUND COVERAGE

$$= 77997 / 15600 = 4.9 \text{ FLOOR}$$

3 floors

SAY, MAX TOTAL FLOOR = 5 FLOOR

BUILT-UP AREA =

$$= \text{SQ.MT.}$$

AREA REQUIREMENTS

ACCESSIBILITY AND CIRCULATION

- Segregation of the vehicular and the pedestrian route.
- Access to the service areas (load, trash and employee entrance) for max. efficiency while avoiding cross circulation or inconvenience to the guests.

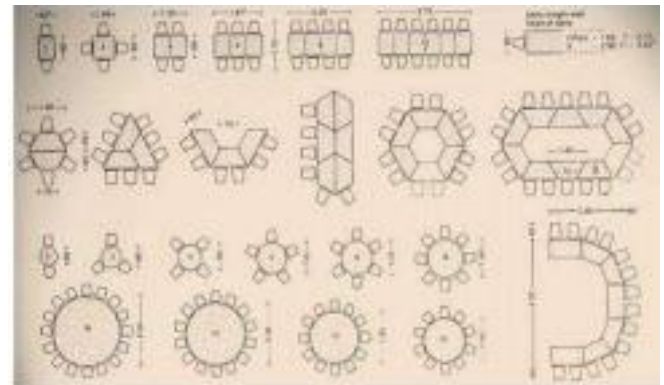
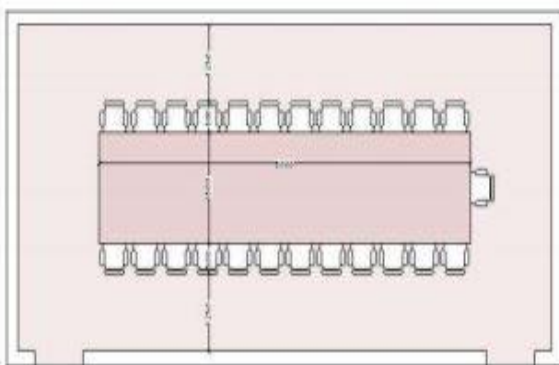
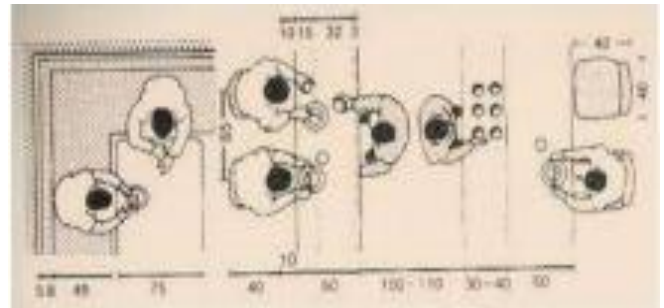
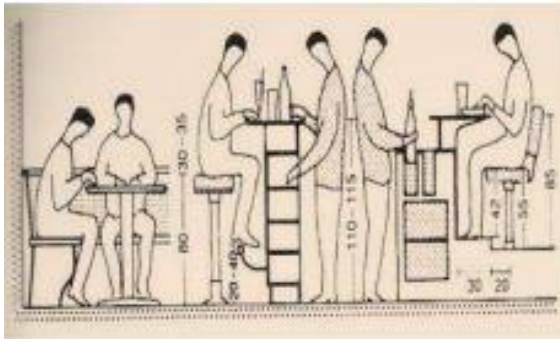
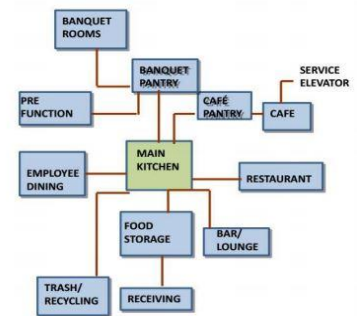
VIEW

Guest rooms view often are crucial and are captured by:

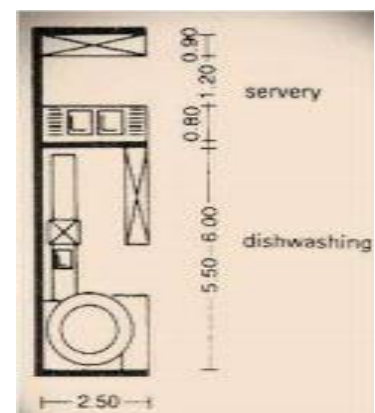
- Orientation of the building.
 - Developing the built form .In case of a low-rise profile or absence of 360deg. Natural view, it is mandatory to:
 - Create interesting features or treat the terrain in different ways.
 - Designing small gardens or pleasant landscape vistas.
 - Directing views across swimming pools or in to interior atriums.
- Tin case of special view of mountains or the
- The guestrooms maybe constructed as a singly-loaded corridor building with rooms

CONFERENCE ROOMS

CONFERENCE ROOM FOR 25 PERSONS	
Size Of Room	5.3 m. x 11.5 m.
Area Per Person	2.4 sq.m.

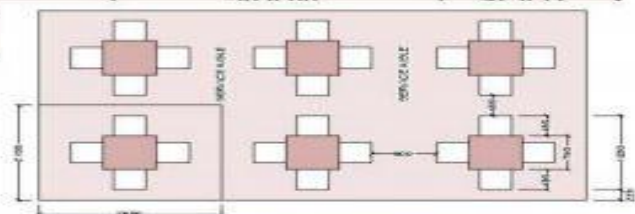
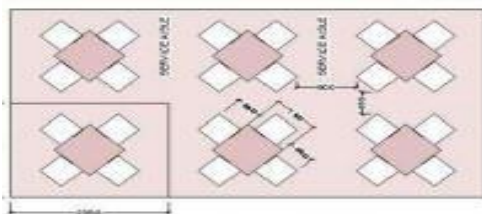


1. Corridor space should be about 6msq per room
2. At least 1.5 to 1.80 m wide
3. Separate routes should be provided for guests, staff and goods.

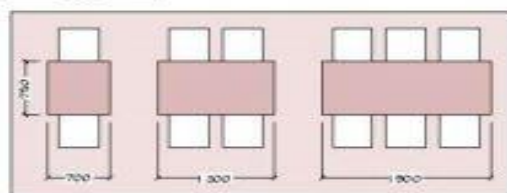


EATING SPACE

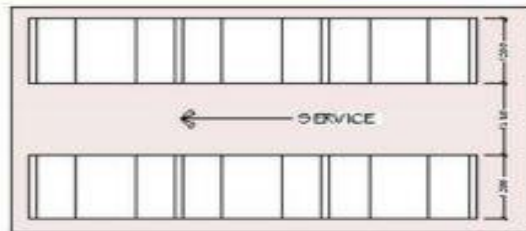
TYPICAL SIZES AND SHAPES OF DINING TABLES			
TYPE	SHAPE	MINIMUM SIZE (IN.)	SPACIOUS (IN.)
TABLES FOR 1'S OR 2'S	SQUARE	24 X 24	30 X 30
	RECTANGLE	24 X 30	30 X 36
	ROUND	30	36
TABLES FOR 3'S OR 4'S	SQUARE	30 X 30	42 X 42
	RECTANGLE	30 X 42	36 X 48
	ROUND	36	48
TABLES FOR 5'S OR 6'S	RECTANGLE	30 X 60	42 X 72
	ROUND		



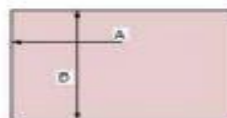
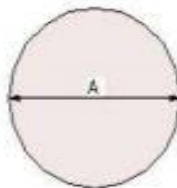
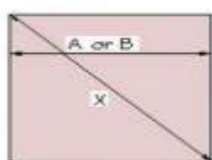
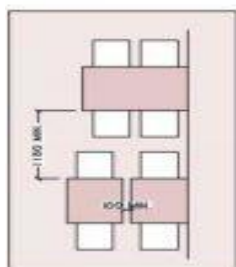
AREA OF MODULE	5.35SQ.M.
AREA PER SEAT	1.34SQ.M



AREA OF MODULE	4.61SQ.M.
AREA PER SEAT	1.15SQ.M.



AREA OF MODULE	3.61 SQ.M.
AREA PER SEAT	.90 SQ.M.



WALL TABLES

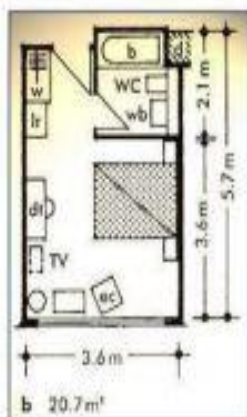
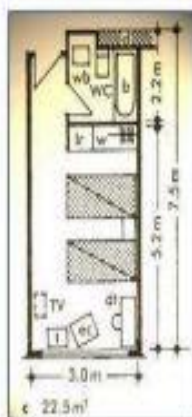
DIMENSIONS OF TABLE

DINING ROOM, BUFFET, BARS, COFFEE SHOPS, BREAKFAST ROOM

- Recommended areas are:
- Dining rooms (luxury): 1.7m sq - 1.9 m sq. per seat.
- Coffee shops and standard restaurants: 1.3 m sq per seat.
- Dances floor should not be less than 6.3 m wide in direction.

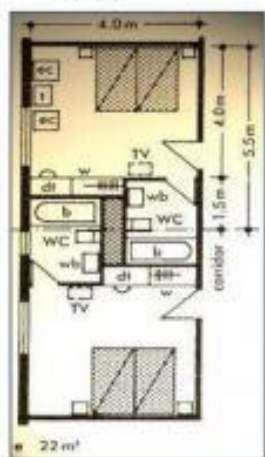
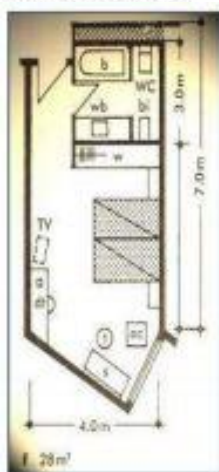
RESTAURANTS

- Typical areas for high class restaurant: 2.0 - 2.4 m sq perseat"
- Main kitchen- Banquet kitchenSatellite service kitchen15.500.72.0.60-1
- Furniture stores (ballroom):" Structural columns in a dining room are best in the middle of a group of tables or at a corner of a table.servery* Window area should be greater than equal to 1/10 of the room area of the restaurant.
- The min. width of the escape routes is 1.0 mper 150 people.m sq/ cover0.9-1.00.2 - 0.30.3 -0.40.2



NARROW FRONTAGE:
MIN. WIDTH 3M.

DOUBLE BED



GUEST ROOMS LAYOUT

- Floor to ceiling heights are usually 2.3 - 2.5m.
- Most critical plan dimension is room width: 3.6 m(12ft) is efficient.
- Corridor space should be about 6m sq per room, with minimum width of 1.5 - 1.8 m.

GUEST BATHROOMS

- Bathrooms are mainly sited in the interior walls. "Adjacent pairs of rooms are arranged mirror image to share common vertical ducts.
- Typical fittings: for high grade hotel 1700mm bath, twin basins, wc, separate dressing area and shower.

GUEST - FLOOR SERVICE SPACE

- It is the place where the linen is stored and where maids' carts are kept.
- Each maid will handle anywhere from 12 to 15 rooms with a cart.
- A close storage area should be provided for storage of linen. and specially for carts. WITH SEPARATE
- Storage for toilet facilities are also provided.

GUESTROOM AND SUITE DESIGN (MIN. DIMENSIONS)

	LIVING AREA		BATHROOM		TOTAL GUESTROOM	
	DIMENSIO NS (FT)	AREA (SQ.FT.)	DIMENSIO NS (FT)	AREA (SQ.FT.)	DIMENSIO NS (FT)	AREA (SQ.FT.)
BUDGET	11.5 x 15	172	5 x 5	25	11.5 x 20.5	236
MID-PRICE	12 x 18	216	5 x 7.5	37	12 x 26	312
UPSCALE	13.5 x 19	256	5.5 x 8.5	47	13.5 x 28.5	378
LUXURY	15 x 20	300	7.5 x 9	71	15 x 30	450

Notes: 1. Living area does not include the bathroom, closet or entry.
2. Budget guestroom bath includes tub/shower and toilet but the washbasin is part of the dressing area.
3. Dimensions & Layout of rooms depend upon the size and Nos. of Beds:



ELEMENTS FOR COMPLETE GUEST ROOM DESIGN

Case pieces - Desk, dresser, tables"

Soft goods -Bedsreads, upholsteries.

Lighting Lamp at beside desk

Accessories - Mirrors, art, planters.

GUESTROOM FINISHES:

Floor -Generally carpeted

Wall - Vinyl wall covering or paint

Ceiling -Acoustical treatment "Doors -Wood, pre-finished .

BATHROOM FINISHES:

- Floor -Ceramic Tiled

- Walls Ceramic or marble tile.

ACOUSTICS

- Guest rooms wall should be designed so that it does not transfer sound from one room to another

.MECHANICAL / ELECTRICAL

- Cable - TV, Telephone, Fire Alarm, Other communication Systems.

- Mechanical -HVAC integrated with room layout bathroom exhaust.

- Fire protection One smoke detector and sprinkler, furnishings of fire retardant capacity.

KITCHEN SUPPORT AREAS

Place chief's office with room service area and garden-manager area close to cooking.

EMPLOYEE FOOD SERVICE

- Entry from service corridor.

- Provide minimum distance from kitchen serving area and restaurant seating.

- Locate secondary storage near each station.

PROGRAM:

- 6sq ft (0.6 sq m)/ restaurant seat.

- 2 sq ft (0.2 sq m) / banquet seat.

- 1 sq ft (0.1 sq m) /lounge seat.

- 1 sq ft (0.1 sq m) /hotel guestroom.

- 30 -50% of main kitchen area is for food and Beverage storage.

FOOD- SERVICE ADJACENCIES ESSENTIAL:

- Food storage main kitchen.

- Main kitchen to restaurant.

- Room service area to service elevators.

- Banquet pantry to ballroom.

- Desirable: Receiving to food storage.

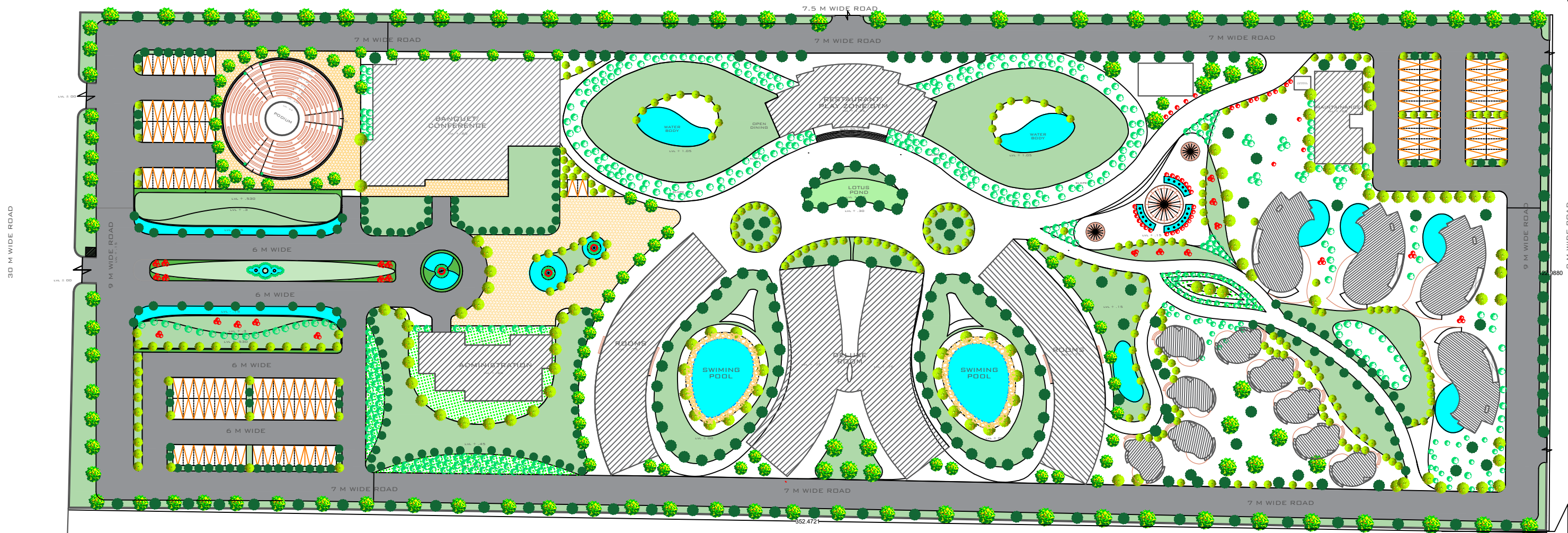
- Main kitchen to banquet pantry.

- Banquet pantry to smaller banquet rooms and Pre functional area.

- Coffee shop pantry to room service area.

- Kitchen to cocktail lounge, garbage/trash holding.

- And employee dining.



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-

SITE PLAN

DATE-

1/07/2023

SCALE

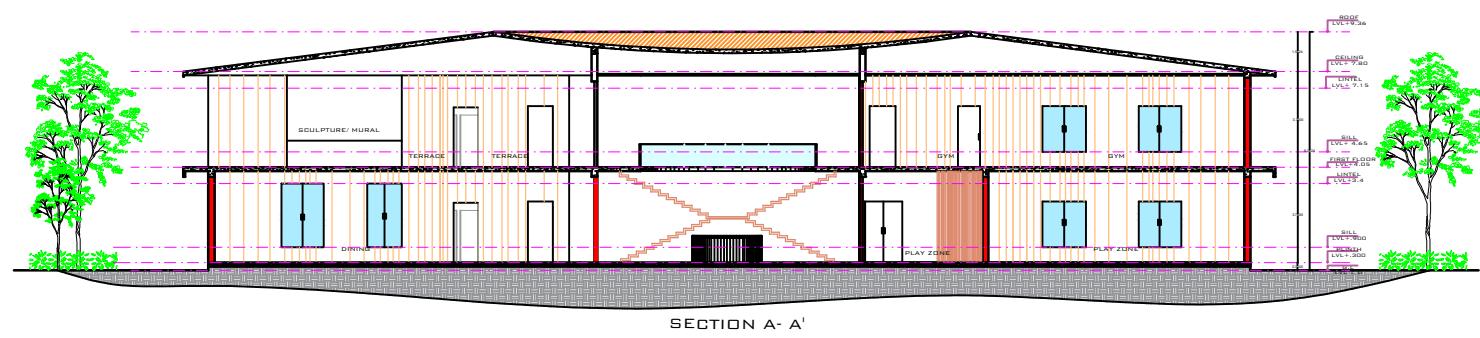
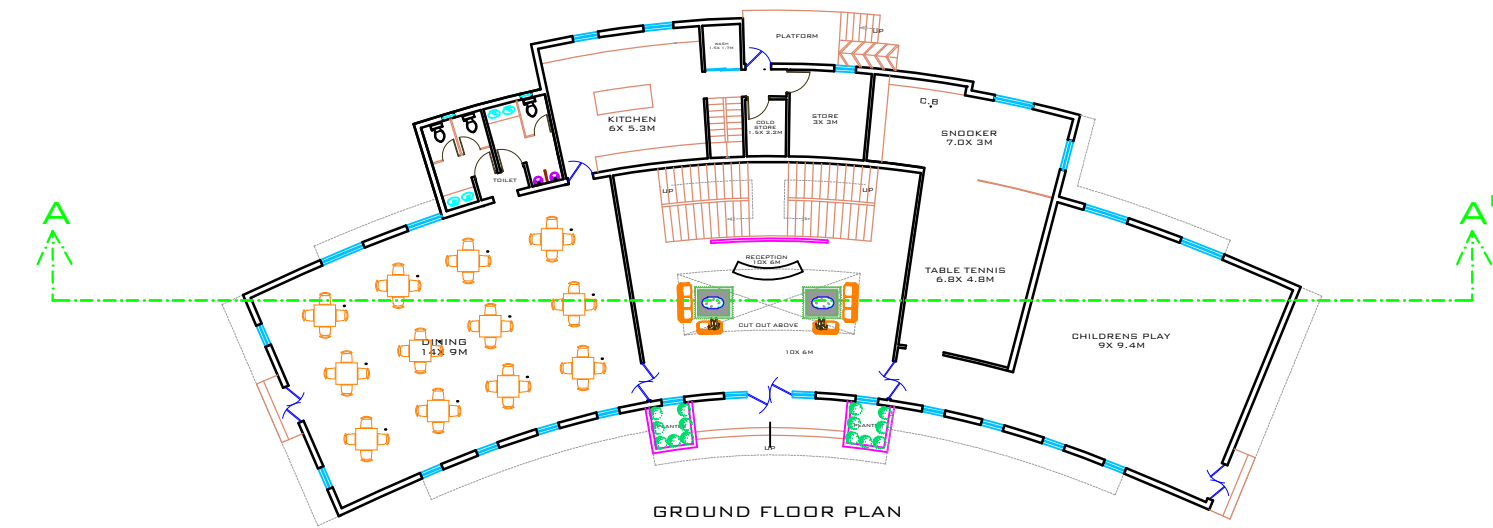
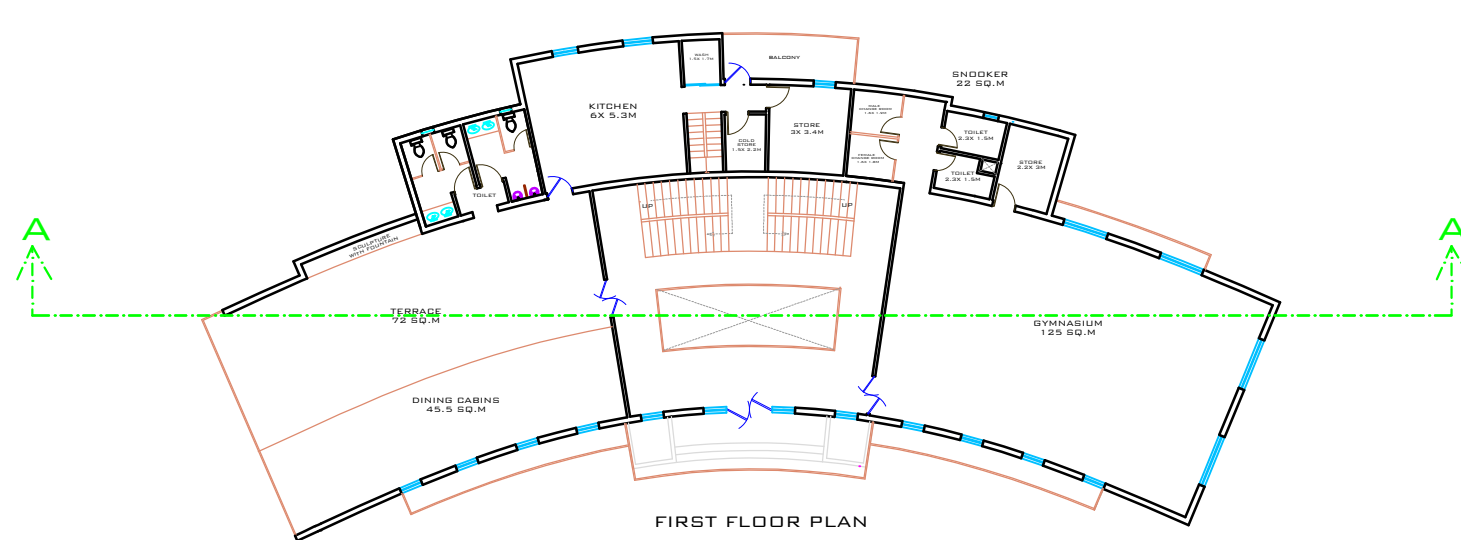
SHEET NO-

GUIDED BY:-

DRAWN BY - **SHIVAM YADAV**
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

REMARK



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-
**RESTAURANT
PLAN, ELEVATION, SECTION**

DATE-
1/07/2023

SCALE

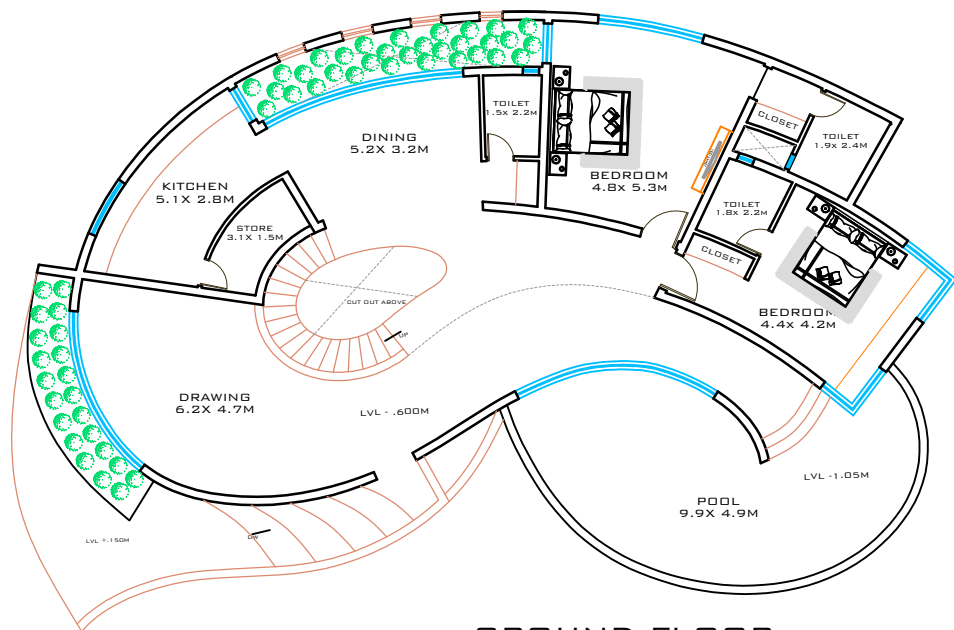
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

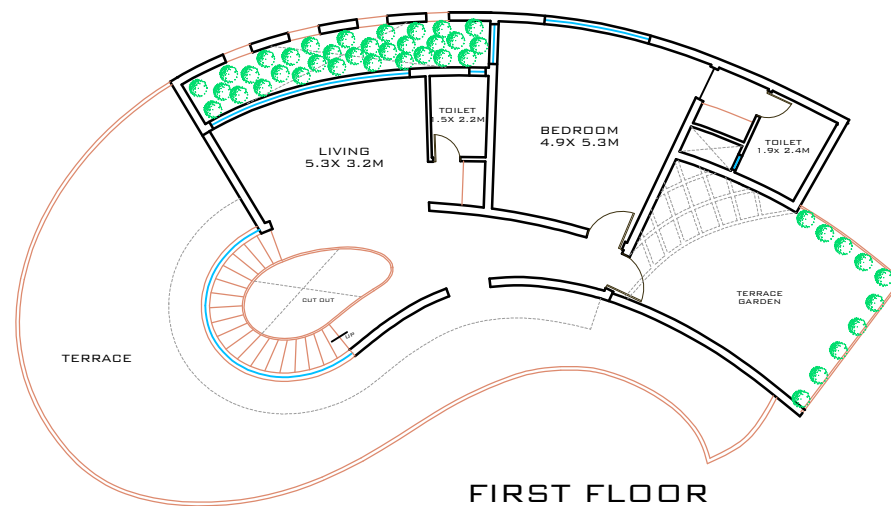
DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

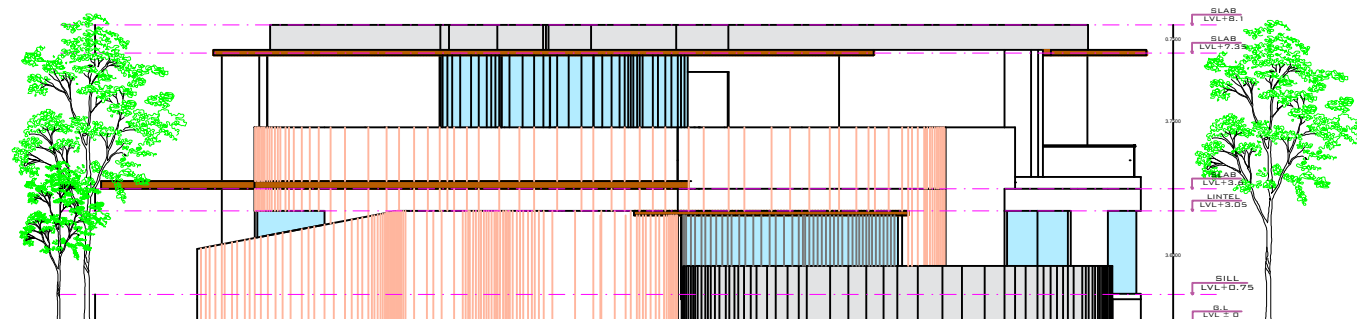
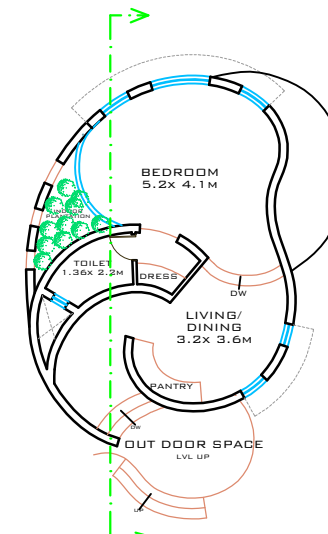
REMARK



GROUND FLOOR

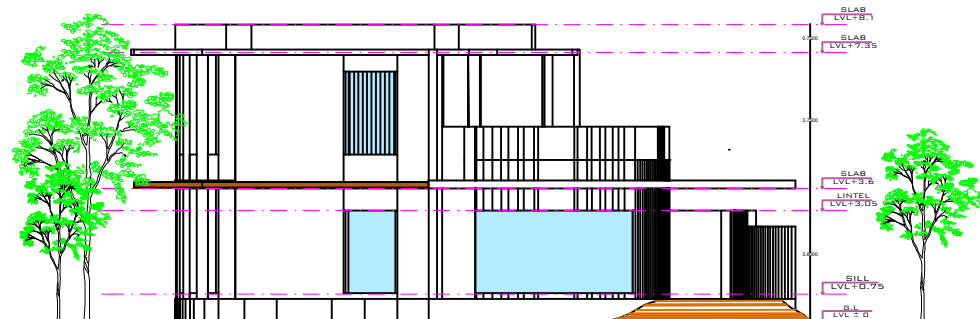


FIRST FLOOR

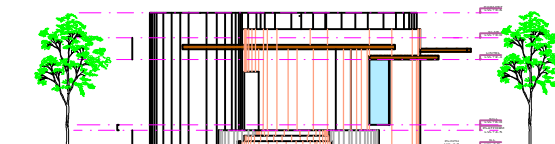


FRONT ELEVATION

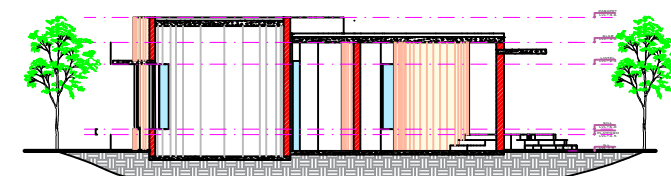
VILLA



ELEVATION AT ENTRANCE



FRONT ELEVATION



SECTION B- B'

COTTAGE



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-
**VILLA, COTTAGE
PLAN, ELEVATION, SECTION**

DATE-
1/07/2023

SCALE

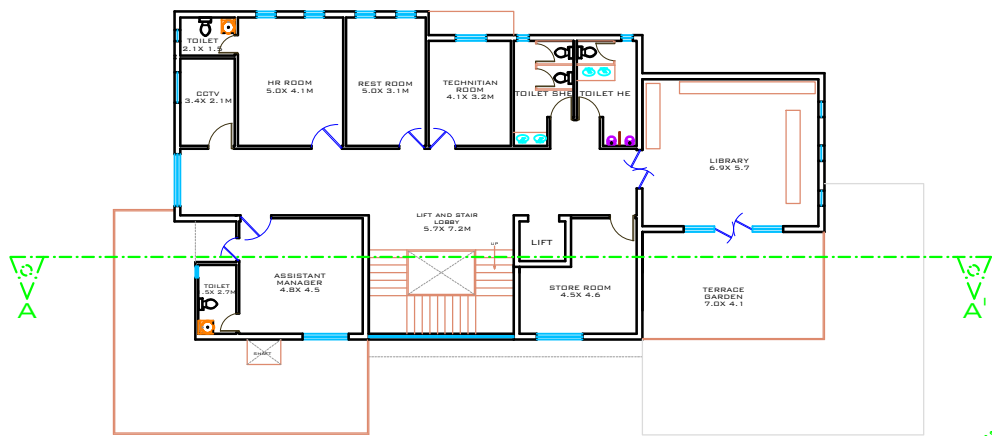
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

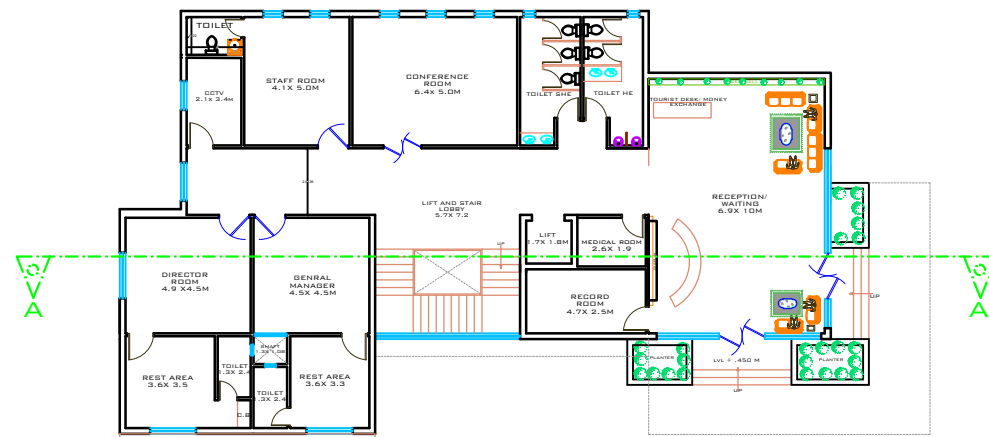
DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

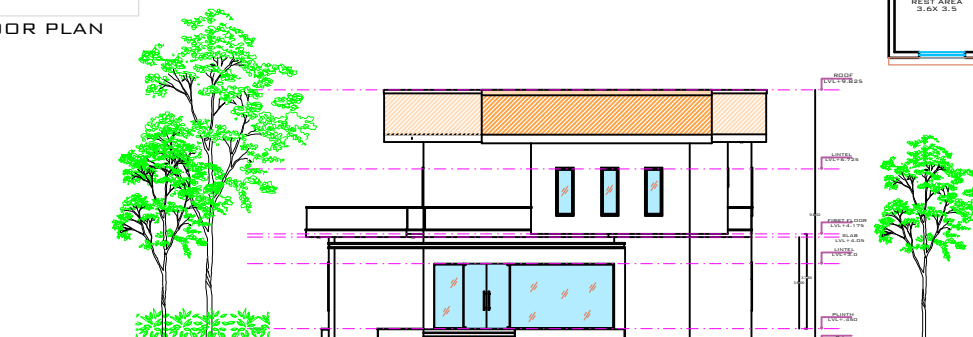
REMARK



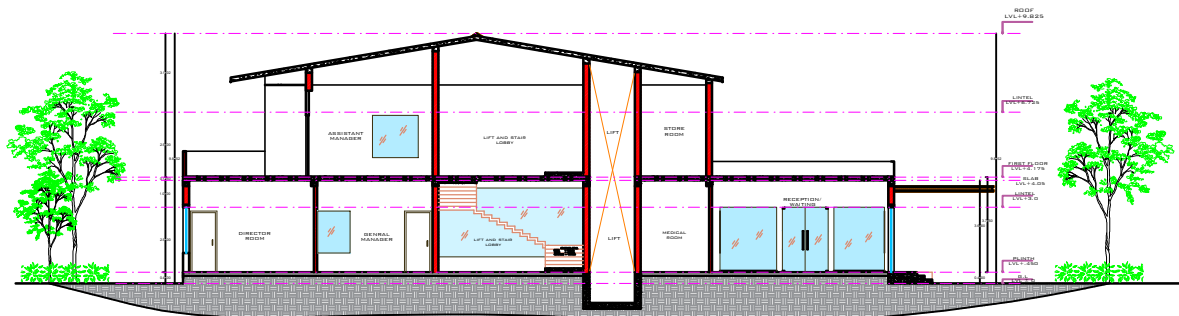
FIRST FLOOR PLAN



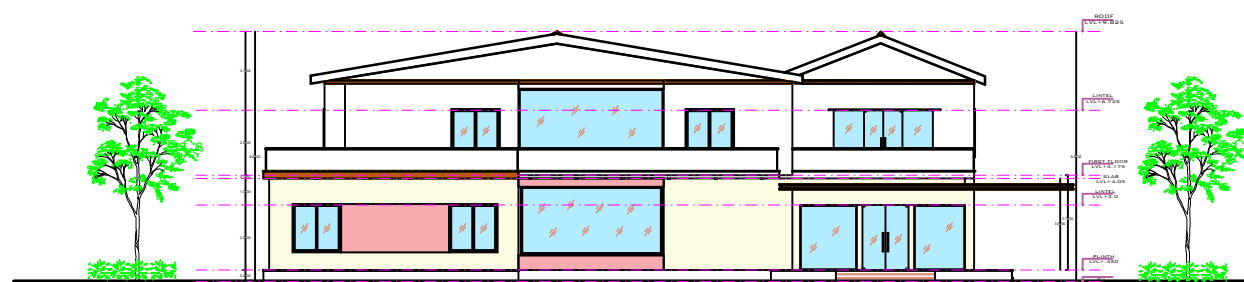
GROUND FLOOR PLAN



RIGHT ELEVATION



SECTION A-A'



FRONT ELEVATION



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-
ADMINISTRATION
PLAN, ELEVATION, SECTION

DATE-
1/07/2023

SCALE

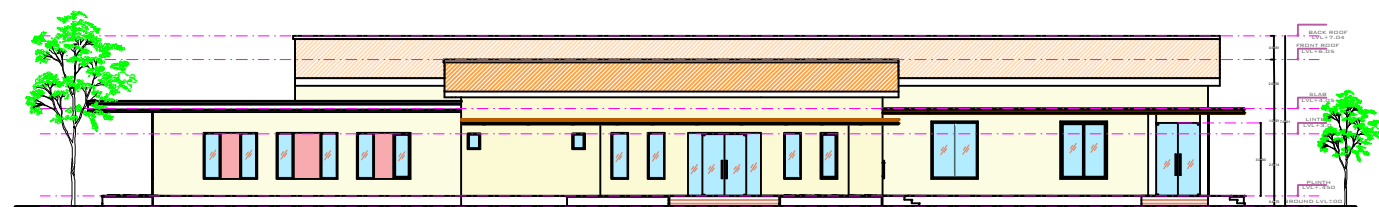
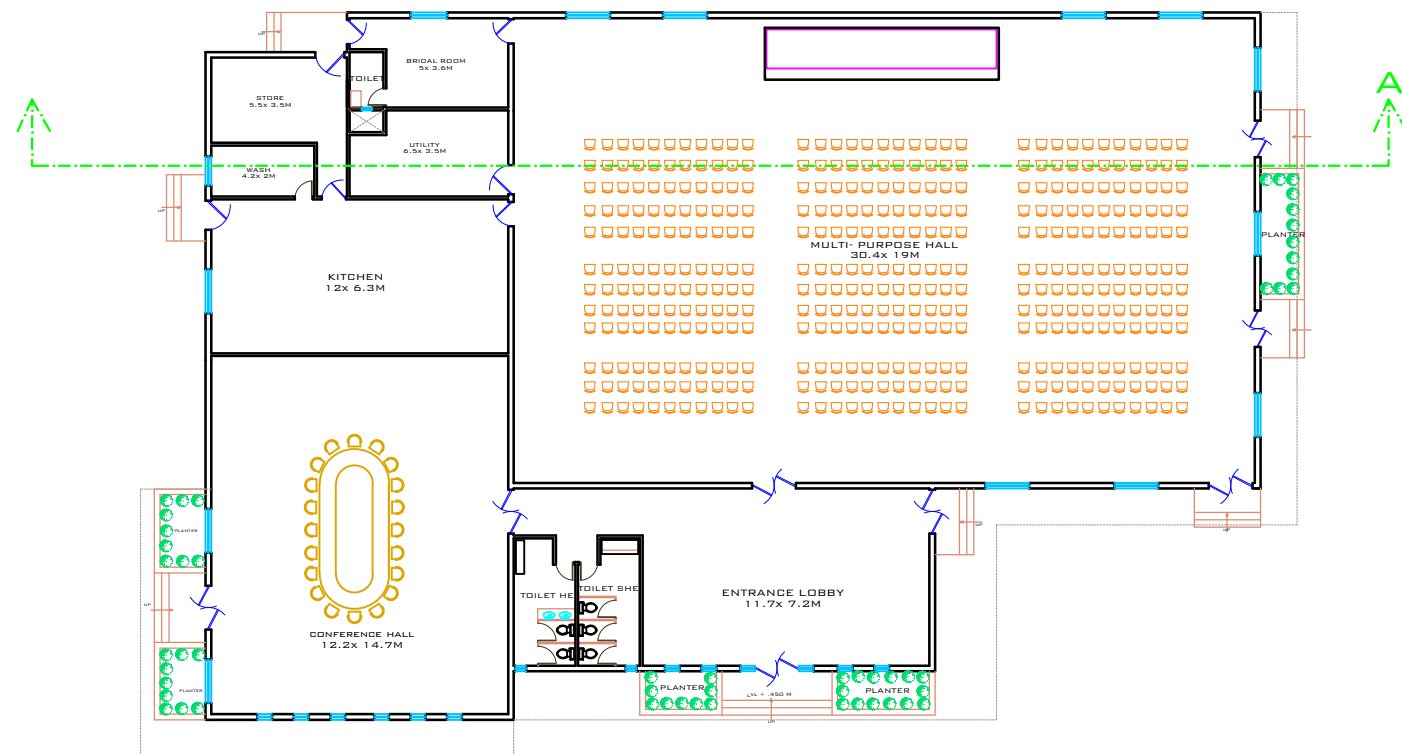
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

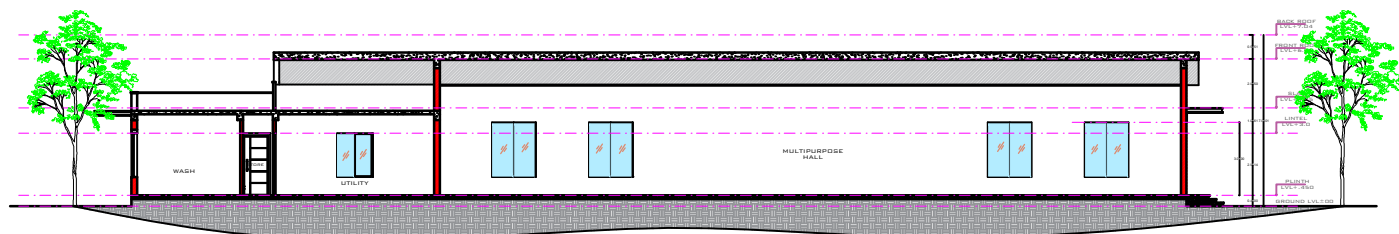
DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

REMARK



FRONT ELEVATION
BANQUET/ CONFERENCE



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-

**BANQUET
PLAN, ELEVATION, SECTION**

DATE-

1/07/2023

SCALE

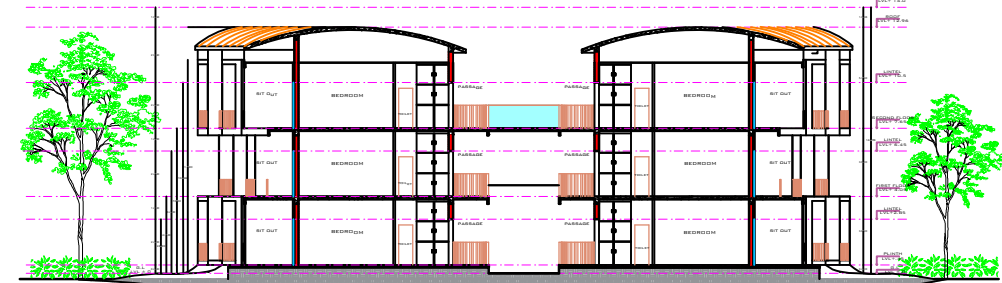
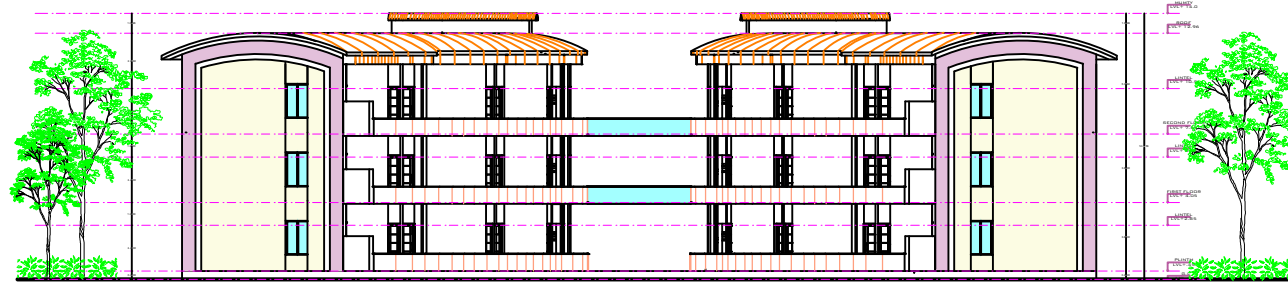
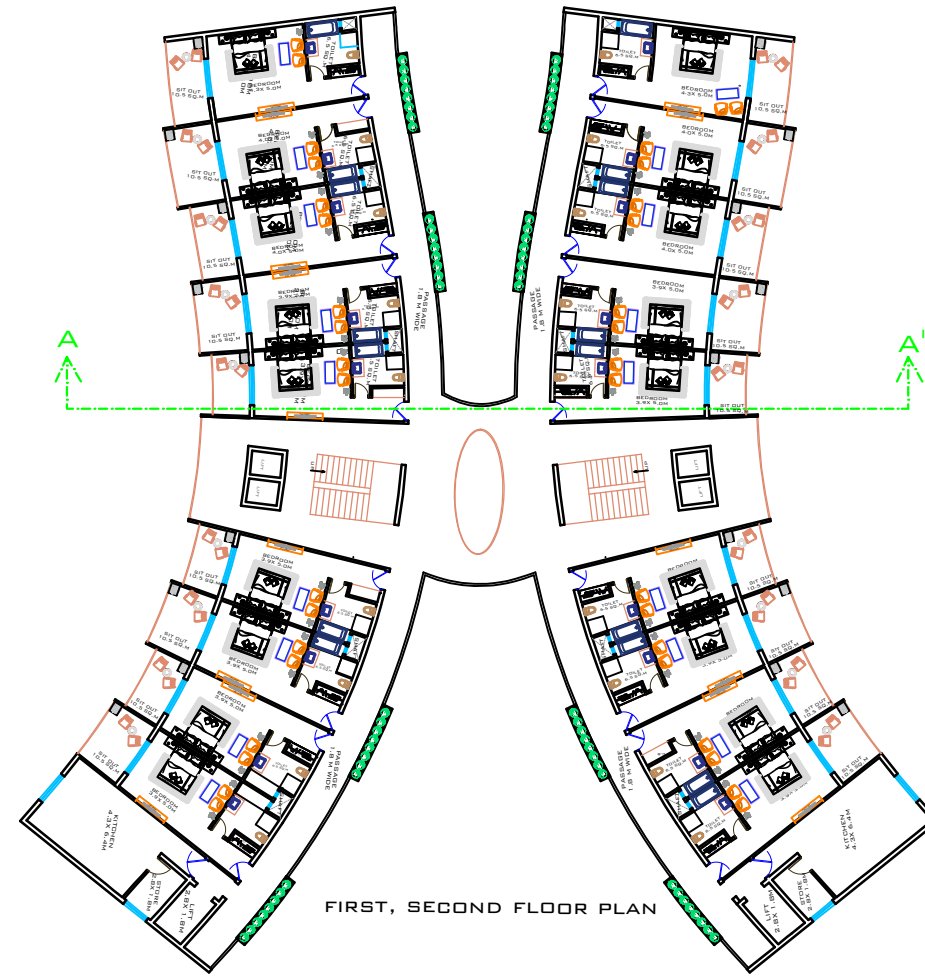
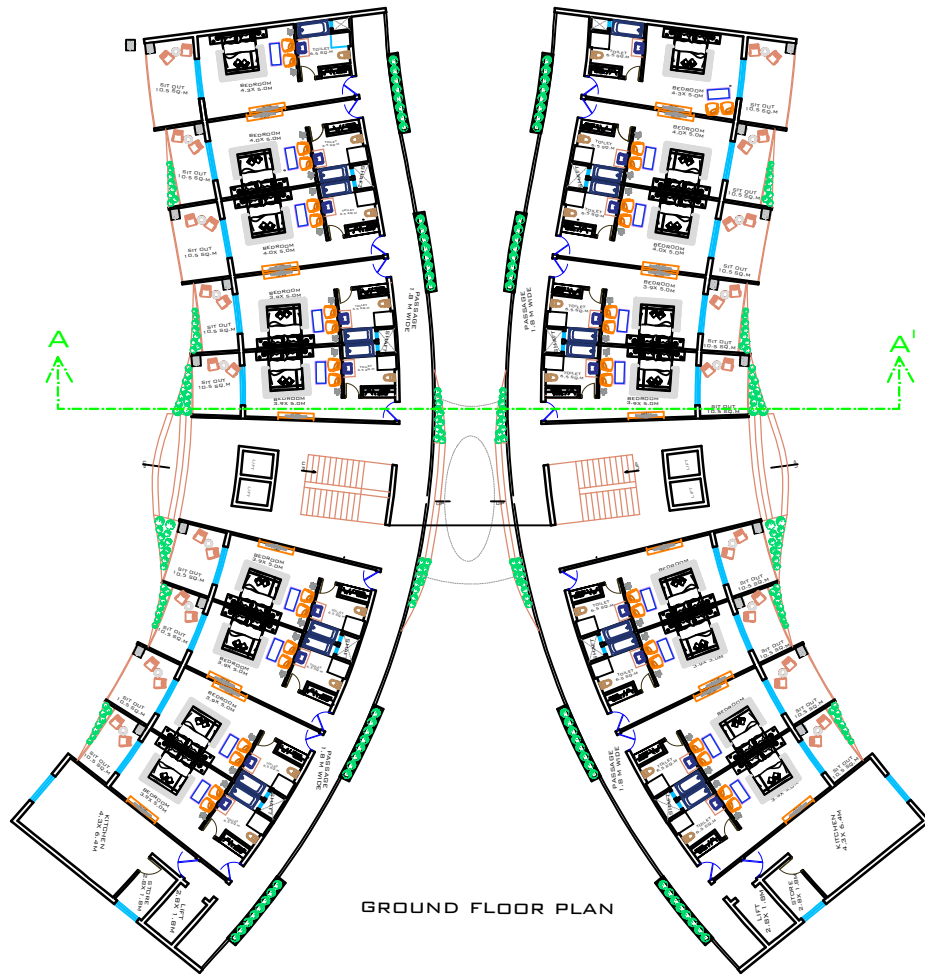
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

REMARK



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-
DELUXE ROOMS PLAN, ELEVATION,
SECTION

DATE-
1/07/2023

SCALE

SHEET NO-

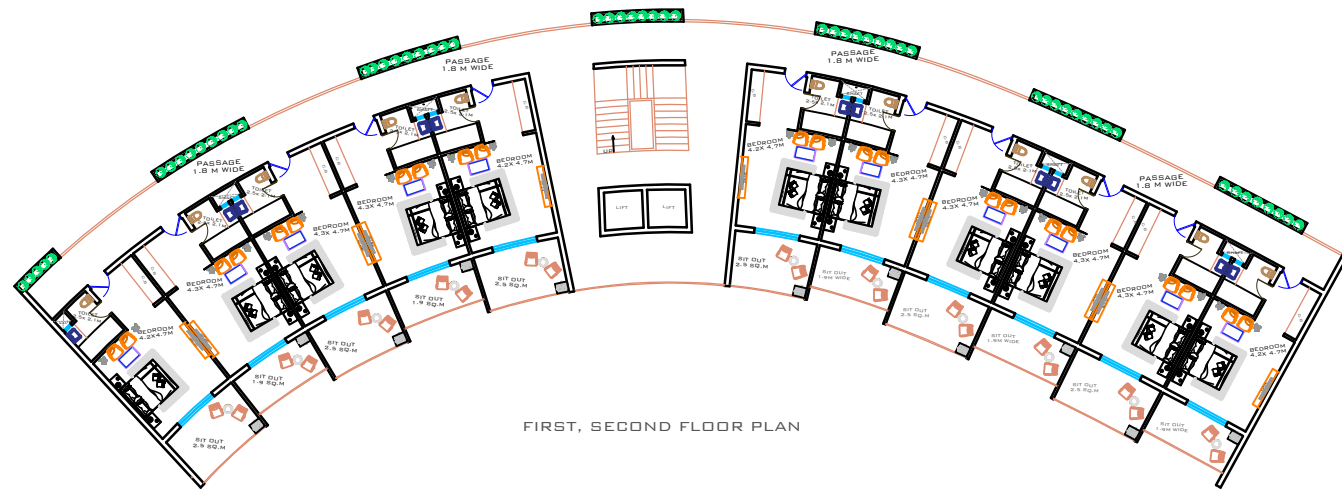
GUIDED BY:- AR. ANSHU RASTOGI

DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS

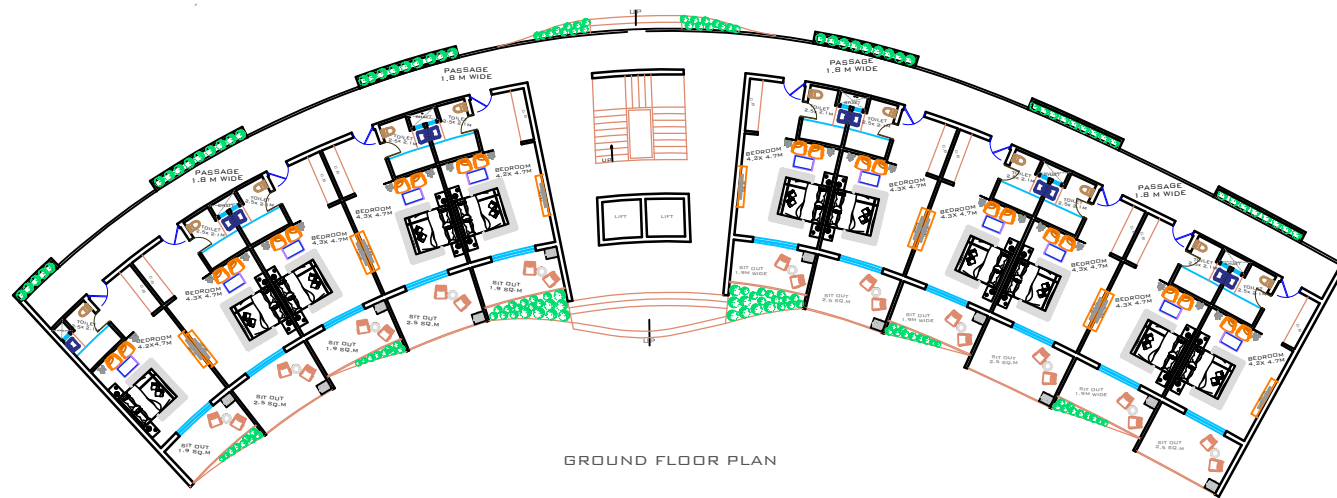
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

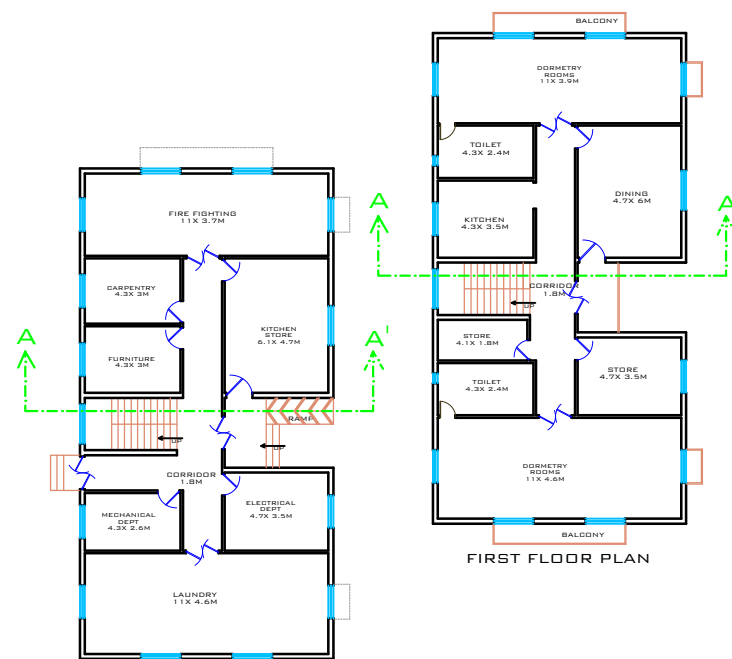
REMARK



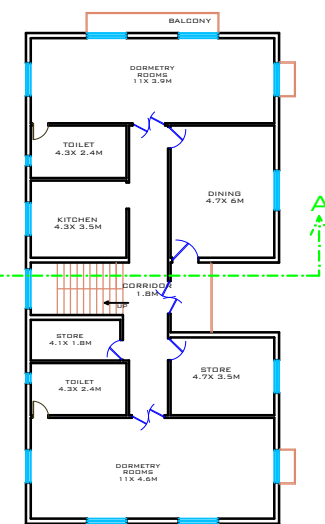
FIRST, SECOND FLOOR PLAN



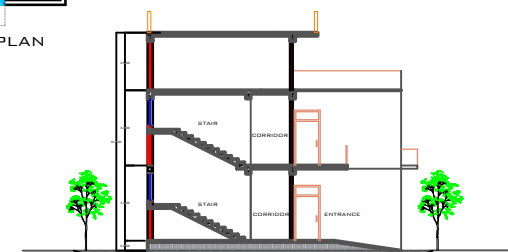
GROUND FLOOR PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECTION A-A'



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-
**ROOMS, MAINTAINANCE
PLAN, ELEVATION, SECTION**

DATE-
1/07/2023

SCALE

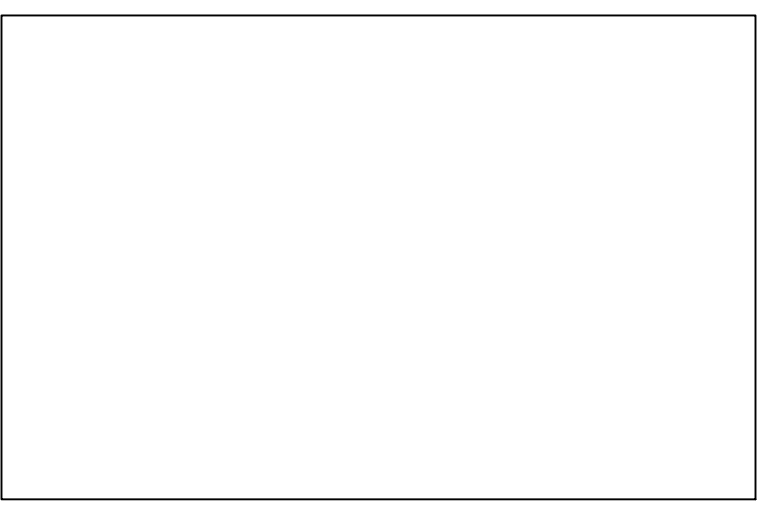
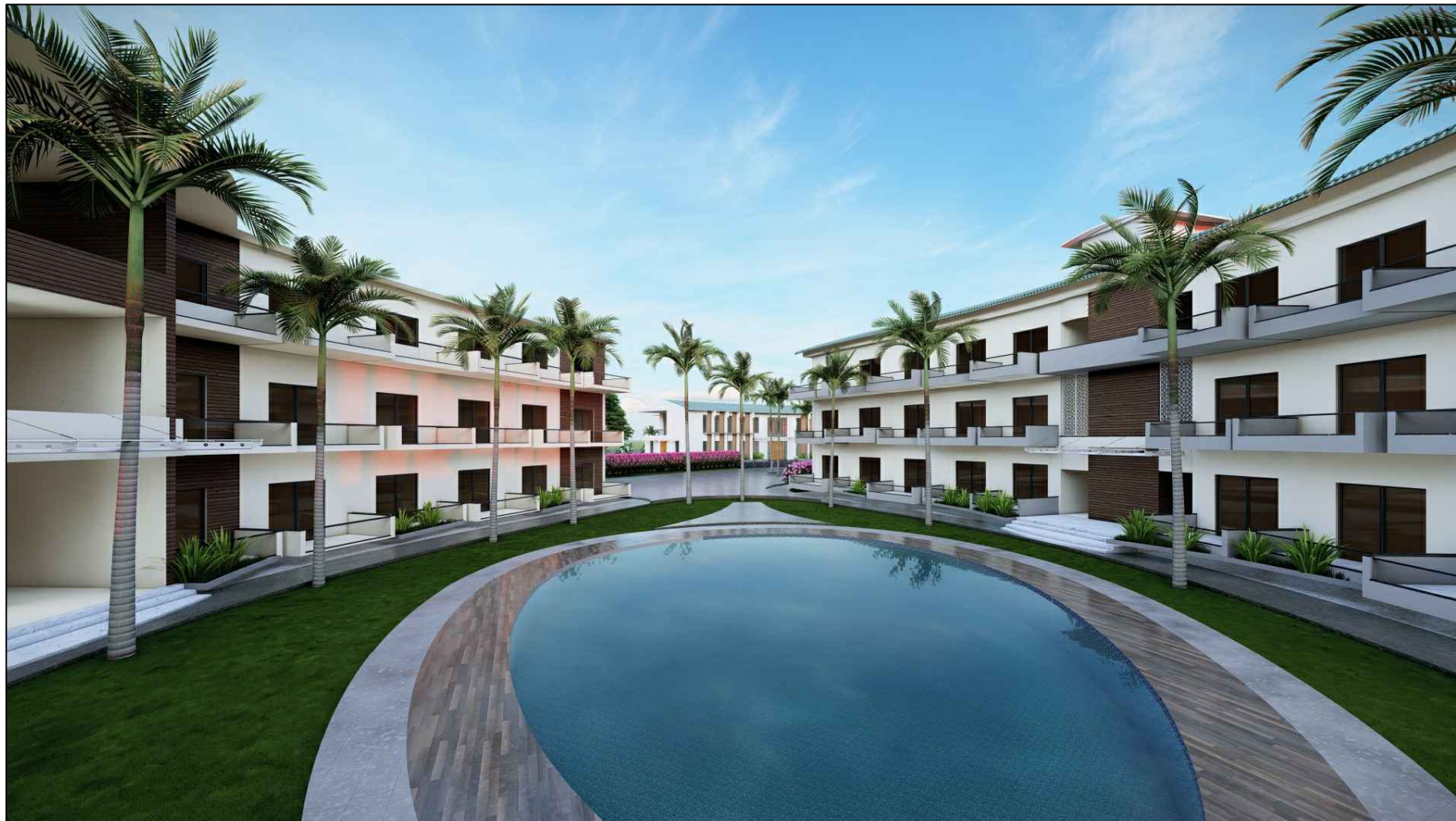
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

DRAWN BY - **SHIVAM YADAV**
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

REMARK



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-

**FLOOR PLANS,
ELEVATIONS**

DATE-

8/06/2023

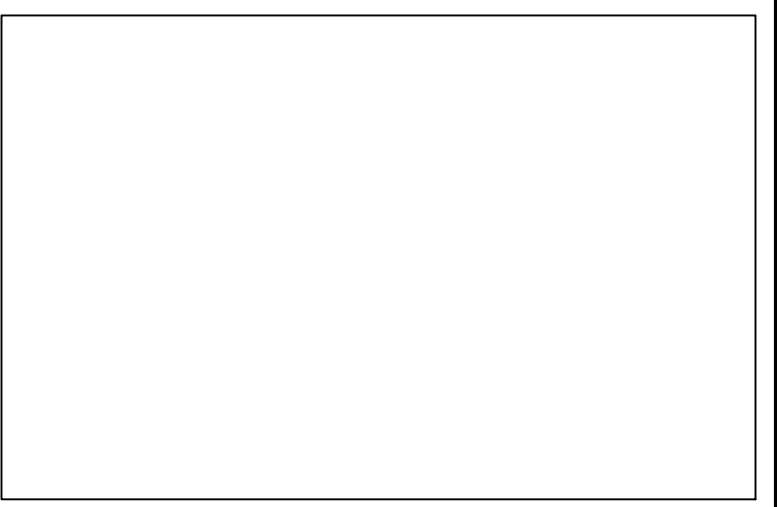
SCALE

SHEET NO-

GUIDED BY:-

DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN- REMARK



PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-

**FLOOR PLANS,
ELEVATIONS**

DATE-

8/06/2023

SCALE

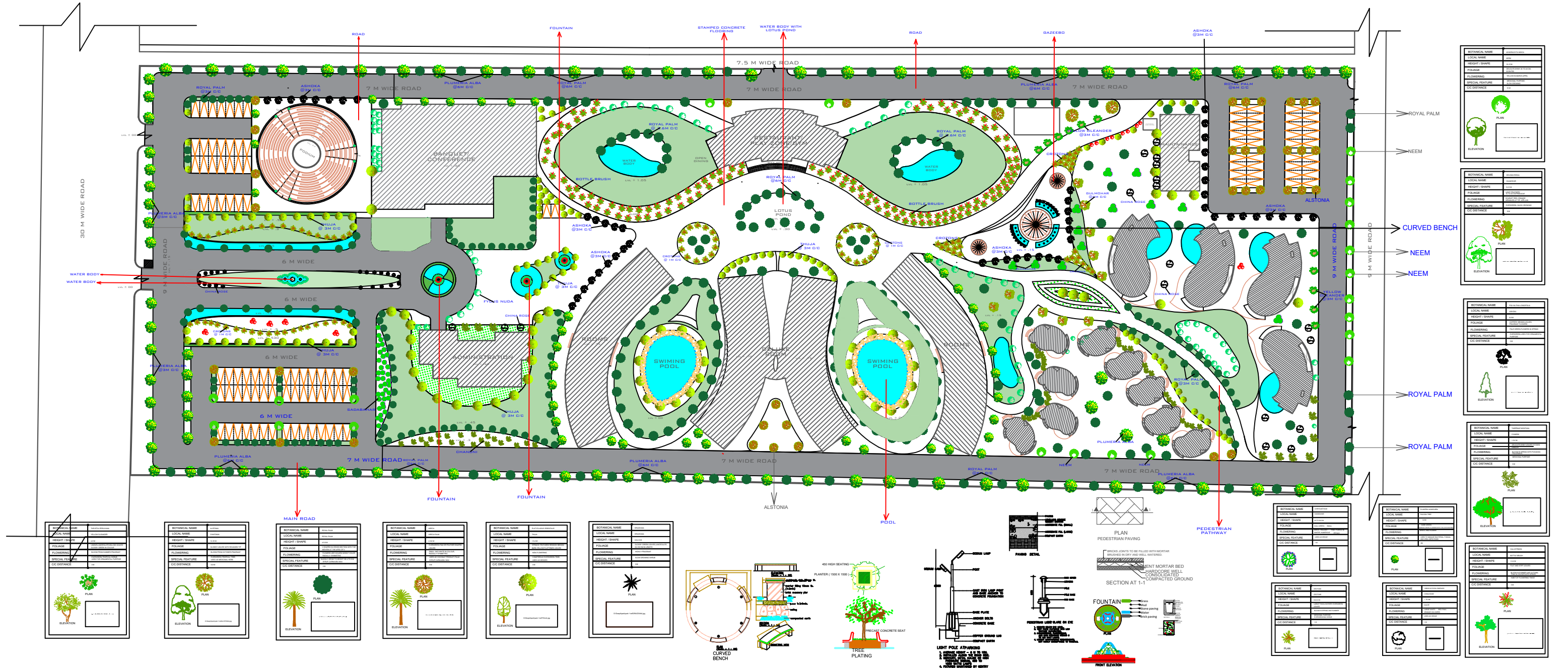
SHEET NO-

GUIDED BY:-

DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

SIGN-

REMARK



PROJECT-

TOURIST RESORT

NOTES-

DRG TITLE-
ELECTIVE (LANDSCAPE)

DATE-
1/07/2023

SCALE

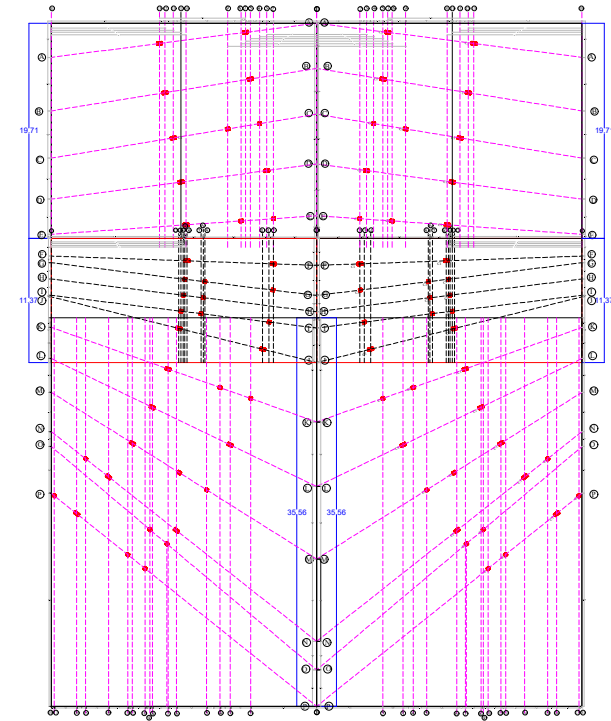
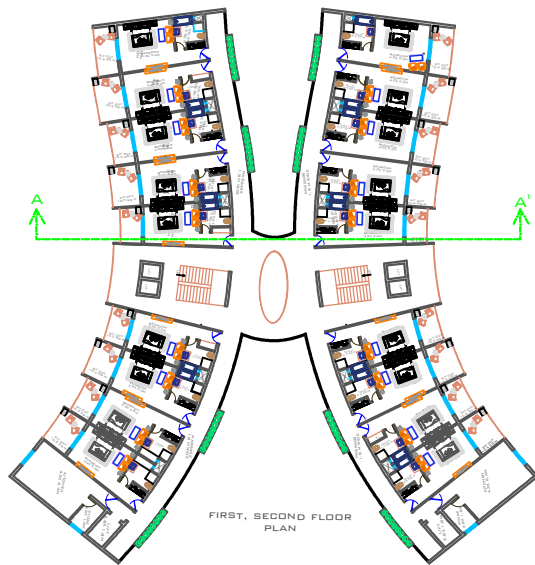
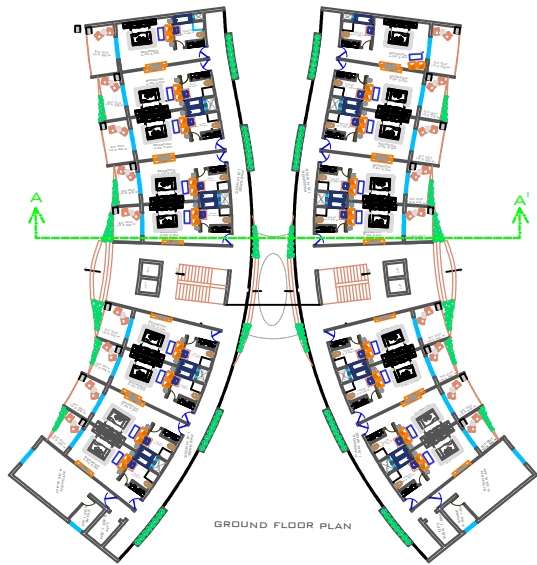
SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS
B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP

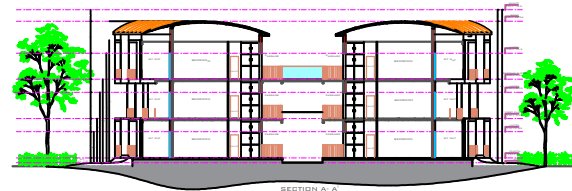
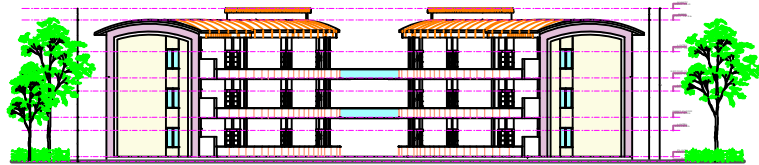
SIGN-

REMARK

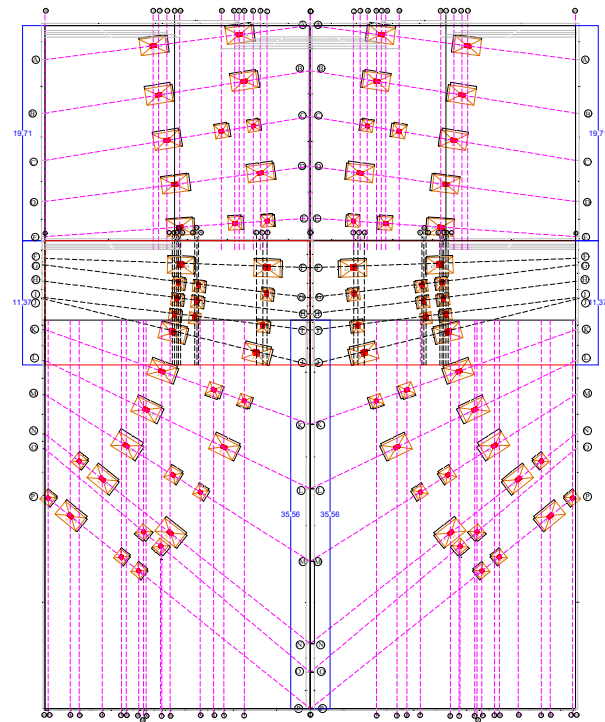


COLUMN GRID LAYOUT

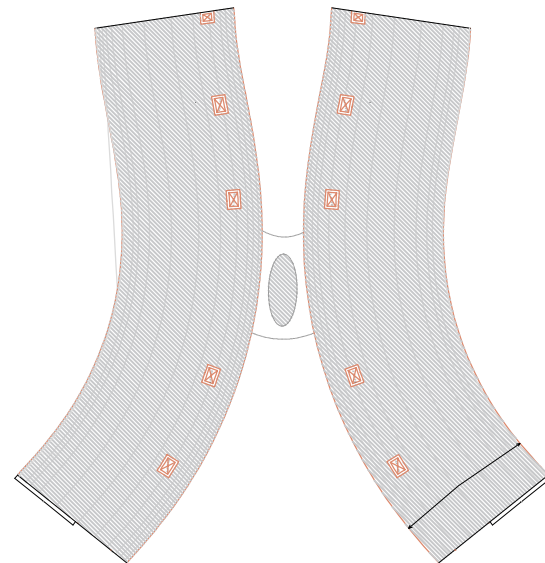
NO.	COL.	SIZE
01	C1	250 450
02	C2	250 300
03	C2	230 230



SECTION A-A



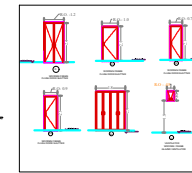
FOOTING PLAN



TERRACE FLOOR PLAN



GROUND FLOOR PLAN



DOOR WINDOW SCHEDULE



FIRST, SECOND FLOOR PLAN

PROJECT-

**TOURIST
RESORT**

NOTES-

DRG TITLE-

ELECTIVE (WORKING)

DATE-

1/07/2023

SCALE

SHEET NO-

GUIDED BY:- AR. ANSHU RASTOGI

**DRAWN BY - SHIVAM YADAV
ARCHITECTURAL THESIS**

**B.ARCH-V YEAR
BABU BANARASI DAS
UNIVERSITY, LUCKNOW.UP**

SIGN-

REMARK