

**HIGH FACILITY RESORT,
MADHYA PRADESH**

**A Thesis Submitted
in Partial Fulfillment for the Requirements
for the Degree of**

BACHELOR OF ARCHITECTURE

in

Field of specialization(ARCHITECTURE)

by

ANOOP SINGH RAJAWAT

(Enrollment no. 1140101017)

Under the guidance of

AR.VERSHA VERMA

School of Architecture

BABU BANARASI DAS UNIVERSITY,

LUCKNOW

June,2020

CERTIFICATE

I hereby recommend that the thesis entitled “**HIGH FACILITY RESORT,MADHYA PRADESH**”, prepared by ANOOP SINGH RAJAWAT, under my supervision, is the bonafide work of the student and can be accepted as a partial fulfillment for the award of Bachelor Degree in Architecture, School of Architecture BBDU, Lucknow.

AR. VERSHA VERMA
BBDU, Lucknow
(THESIS GUIDE)

AR. MOHIT AGARWAL
(DEAN, Dept of architecture)

Recommendation :

Accepted :

Not Accepted :

EXAMINER 1

EXAMINER 2

ACKNOWLEDGEMENT

The journey which started 5 years ago has culminated....as I step into the world a series of people flash in my memory without whose support and good will this journey wouldn't have been easy and free flowing.....

To start with. First and foremost gratitude towards almighty GOD for his blessings. Then I would like to thank all my faculty members who have supported and guided me all these memorable 5 years.

I would like to thank my thesis coordinator **AR. URVASHI TIWARI** , **AR. SHAAILESH KUMAR** , who left no stone unturned to shape our thesis in the best possible way and also for his untimely help whenever required. Next in list is my thesis guide **AR. VERSHA VERMA** who has been extremely co-operative since the very beginning and who helped me to utilize my skills and creativity to the utmost...

I would further like to show my gratitude to my familyspecially to my MOTHER.. *And as well as my friends HIMANSHU,KRATIKA,KRITI* ... for giving full assistance whenever required and being there with me in all ups and downs. Their motivation and support helped me to be more dedicated and inclined towards my goal.

I have put in my best of efforts and worked day and night to make this project a success .hope u too will appreciate my endeavor.....

I wish to dedicate this work to my love ones.....Who are always their in my heart.

BABU BANARASI DAS UNIVERSITY, LUCKNOW
CERTIFICATE OF THESIS SUBMISSION FOR EVALUATION

1. Name :.....ANOOP SINGH RAJAWAT

2. Roll No. :1140101017...

3. Thesis title:HIGH FACILITY RESORT, MADHYAPRADESH.....
.....

4. Degree for which the thesis is submitted:...BACHELOR OF ARCHITECTURE.....

5. Faculty of the University to which the thesis is submitted
.....

6. Thesis Preparation Guide was referred to for preparing the thesis. YES ☐ NO ☐

7. Specifications regarding thesis format have been closely followed. YES ☐ NO ☐

8. The contents 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 sources used have been cited appropriately. YES ☐ NO ☐

11. The thesis has not been submitted elsewhere for a degree. YES ☐ NO ☐

12. Submitted 4 spiral bound copies plus one CD. YES ☐ NO ☐

.....
Signature(s) of the Guide
AR. VERSHA VERMA
Bbdu. Lucknow

(Signature of the Candidate)
Name: ANOOP SINGH RAJAWAT
Roll No.
Enrollment No.: 1140101017

BABU BANARASI DAS UNIVERSITY

B. Arch Thesis 2019-2020

Certificate

Name of Student: **A NOOP SINGH RAJAWAT**

Roll no. 1140101017

Department:

Thesis Title (in capital): **HIGH FACILITY RESORT**

Thesis guide: ...**AR. VERSHA VERMA**.....

Remarks: Satisfactory / not Satisfactory (in case of not Satisfactory give comments):

.....
.....
.....

Sign of Thesis

Guide

Thesis coordinator

Sign of Head of

Department

Sign of External

Examiner 1

Sign of External

Examiner 2

Sign of Dean of

School

TABLE OF CONTENT

<u>S.NO</u>		<u>PAGE NO.</u>
1	<u>INTRODUCTION</u>	
2	<u>REQUIREMENTS</u> AIM OBJECTIVES NEED FOR STUDY SCOPE AND LIMITATION RESEARCH QUESTION IMPORTANCE OF A MUSEUM SITE DETAILS CASE STUDY SITE ANALYSIS STANDARDS COMPARITIVE ANALYSIS ELECTIVES	
3	<u>FINAL STAGE / FINAL DESIGN</u> <u>PROPOSAL</u> CONCEPT FLOOR PLAN ELEVATION SECTION SITE PLAN	

INTRODUCTION

TOURIST RESORT



What is a resort?

A **resort** is a self-contained commercial establishment that tries to provide most of a vacationer's wants, such as food, drink, lodging, sports, entertainment, & shopping, on the premises.

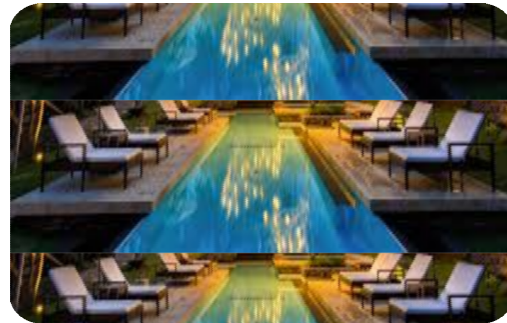
The term *resort* may be used for a hotel property that provides an array of amenities, typically including entertainment and recreational activities. A hotel is frequently a central feature of a resort.

Difference between resort & hotel?

What's the difference between hotel & resort is the biggest question.

The first and foremost thing that differentiates a hotel from a resort is the land that they acquire to be built on. You would find a resort built on a huge space, for it contains a large number of rooms & other amenities. On the contrary, a hotel needs barely an area that could contain the hotel building and the parking area.

Normally it is on a highway in a place where people can easily reach.



the weekends with and in nature has physical as well as psychological impact on minds of the people.

Traffic development and industrialization had lead to urbanization which had stolen the mental peace of the human. In this endeavour of man to escape from the urban chaos has created recreational space to quench his thirst for mental peace, relaxation and change of environment.



A **Resort** is a self-contained commercial establishment that tries to provide most of a vacationer's wants, such as :-
Food , drink, lodging, sports, entertainment, & shopping, on the premises.

The term **Resort** may be used for a hotel property that provides an array of amenities, typically including entertainment and recreational activities. A hotel is frequently a central feature of a resort.



Adventure sports are those which involves high level of danger. These are usually outdoor **sports** involving intense, sometimes life threatening actions creating
an **adventurous** atmosphere.

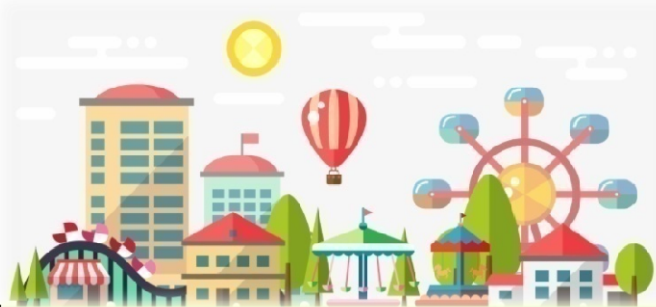
In more specific terms, a **wellness center** is a place where mental and medical healthcare professionals, nutritionists and life-coaches provide a variety of treatments and **services** for the **health** of their clients' minds and bodies. Some **wellness centers** are non-profit organizations.



A **film studio** (also known as **movie studio** or simply **studio**) is a major entertainment company or motion picture company that has its own privately owned studio facility or facilities that are used to make films, which is handled by the production company. Most firms in the entertainment industry have never owned their own studios, but have rented space from other companies



An amusement park is a park that features various attractions, such as rides and games, as well as other events for entertainment purposes. A theme park is a type of amusement park that bases its structures and attractions around a central theme, often featuring multiple areas with different themes

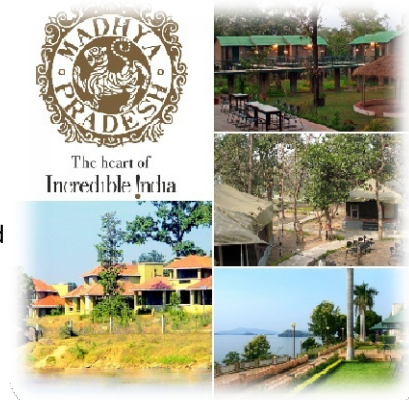


AIM

- Creating an exciting , commercially successful convention centre ,thereby improving the region's ability to attract revenue – generating conventions.
- Complementing and enhancing the existing convention facilities.
- Operating an integrated convention facility , accommodating different needs for a variety of user group .
- To promote a platform for interaction between various section of society . This would lead to better understanding of each other's trade and spread awareness among the people that is the need of the hour.
- Intergrating current technologies in the field and a plan for future growth .

NEED OF THE PROJECT

In an addition to the homely comfort , people prefer to enjoy the weekends with and in nature has physical as well as psychological impact on minds of the people. Traffic development and industrialization had lead to urbanization which had stolen the mental peace of the human. In this endeavour of man to escape from the urban chaos has created recreational space to quench his theist for mental peace, relaxation and change of environment



NATURE OF ACTIVITIES –

IN HOTEL :

HOTEL OFFERS AN EXTENSIVE RANGE OF SERVICES AND FACILITIES INCLUDING A SWIMMING POOL , SPA , GYM , PARKING , BUSINESS SERVICES

HOTELS OFTEN CONTAIN UPSCALE FULL – SERVICE FACALITIES WITH LARGE NUMBER OF FULL SERVICES ACCOMODATIONS , AN ON SITE FULL SERVICE RESTAURANT, AND A VARIETY OF ON SITE AMENITIES .

IN CONVENTION CENTRE :

CONVENTION CENTRE ARE THE HUB OF GATHERING SPACES , MEETING PLACES , SEMINARS , CONFERENCES , PRODUCT LAUNCHES , BOOK LAUNCHES , FUNCTIONS, MARRIGE , PARTIES ETC .

THE CONVENTION CENTRE MAY ALSO BE ADAPTED FOR SPECIFIC EVENTS , SUCH AS APPEARANCE BY WELL KNOWN SPEAKERS OR MUSICIAN .



JUSTIFICATION OF THE TOPIC

In present context, tourism in holds a great potential to establish itself as a significant means of economy. This sector has a great potentiality to generate foreign revenue, which can bring about immediate socio-economic benefit from small investments .A well-synchronized and planned resort, which caters the modern amenities as per the requirement of the visitors, is a present need. We can find many resorts here and only few of which are fulfilling these needs.

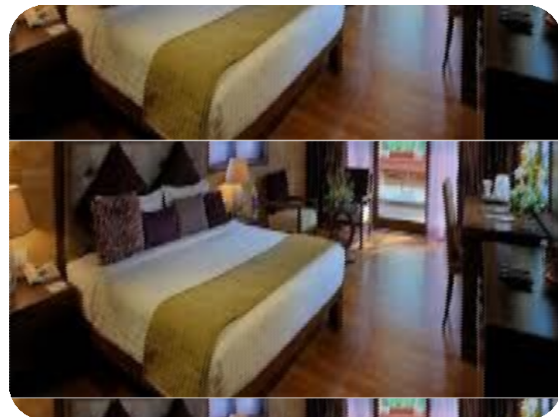


TYPES OF RESORT

There are a lot of different types of resorts. Just to name some of them:-

- Beach Resorts
- Spa Resorts
- Ski Resorts
- Family Resorts
- Golf Resorts
- Luxury Resorts

They differ from one another based on the types of services they provide. Each one of them attracts a specific niche of travellers.



In addition, most of the resorts are oriented to limited service focusing only foreigners and paying very little attention to urban haves. The multifunctional resorts are still absent in and this proposed resort will be one of the iconic resort with all resort facilities which will ultimately promote resort tourism. Thus, tourism plays an important to upgrade local as well as national economy so resort proposed is commercially acceptable.

SCOPE OF THE PROJECT

The scope of the project are, The resort with recreational facilities posses wide range of scope. If we analyze the present trend of internal resort tourism and need of leisure place, then it is acceptable to have multifunctional resort, which not only focus on overnight stay but also concern in day services too. For internal visitors, there is no trend of going hotels in weekend, due to their location on core urban area.



The proposed resort will attempt to provide seminar space to meet international standard. The resort will be a place to gain knowledge regarding the green Design. For external tourism, it will function as a luxurious resort which provides all the facilities within its boundary so as to make their stay pleasing and exotic. Ultimately, it will enhance tourism sector of the area. Resort can also be a place for convection & conference, & that depends on the quality of space they provide so that the convection, conference or seminar becomes more interesting and fascinating.



They intend to go some distance far from city so that they can enjoy the environment and freshness there.

Hence, resort tourism can provide best solution to internal tourists. For external tourism, it will function as a luxurious resort which provides all the facilities within its boundary so as to make their stay pleasing & exotic. It will help to promote resort tourism in Nepal and encourage foreigners to come here once just to stay in this very resort. Ultimately, it will enhance tourism sector of country. Resort can also be a place for convection and conference, and that depends on the quality of space they provide so that the convection, conference or seminar becomes more interesting and fascinating.



OBJECTIVES

The main objective of this proposal is to design a Tourist Resort. Specifically the objectives are to,

- Provide a recreational environment for the resort through varieties of facilities and functions.
- Provide hospitality for both domestic and foreigner tourists and promote tourism ultimately
- Promote local as well as national economy through the promotion of both internal & external tourism



AIMS OF THE PROJECT

- Make analytical study of the functional requirements of resort and implement efficient design to carry out the functions smoothly.
- Respond to climatic and energy consumption issues raised by present day architecture through eco-sensitive design .
- Achieving proper functioning built forms, that can be achieved through literature reviews and research.



- Tourist resort will create the economic opportunities to site neighbourhood.
- Also the local and national economy will boost due to establishment of multifunctional recreational tourist resort.
- Create an interactive ground for locals and visitors so that there may be interchange of ideas and cultural demonstration.
- Provide a space for official meetings and seminars in natural surroundings.



METHODOLOGIES THAT WILL BE FOLLOWED

To analyze site in respect to location climatology, surrounding and historical background of that region.

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

The study is either from the books or from the internet to clear more concepts and can do research on the topic.

After case study and literature, requirements are framed out and area chart to be finalized through it.

Area analysis helps in zoning layout of the function which further helps in deriving concept plan.

The stage proceeds to the final design, developing of all floor plans, section, elevation.



TENTATIVE REQUIREMENTS

The requirements are as follows:-

- Restaurant
- Bar.
- Kitchen.
- Rental units or cottages.
- Villas and rooms .
- Recreational facilities.
- Swimming pool.
- Ayurvedic spa.
- Open amphitheatre.
- Medical facilities.
- Travel agency.
- Gymnasium/ Health-club
- Staff quarters.
- Other recreational facilities

RELEVANT CASE STUDIES

- CASE STUDY -1
WESTIN RESORT
& SPA-
GURGAON
SITE AREA -
18 ACRES
- CASE STUDY- 2
ANANDA IN TE
HIMALAYAS
LOCATION-
UTTARAKHAND ,SITE
AREA – 12 ACRES

RELEVANT LITERATURE STUDIES

- LITERATURE STUDY -1
WILDFLOWER RESORT
TYPE- RECREATIO
NAL
LOCATION- KERALA
SITE AREA-25 ACRES
- LITERATURE STUDY -2
ALILAS VILLAS SOORI
TYPE- RECREATIONAL
LOCATION- BALI
SITE AREA- 20ACRES



SITE SELECTION & READING OF SITE



ABOUT THE AREA

Katthiwada is a village panchayat located in the Jhabua district of Madhya-Pradesh state, India. The latitude 22.4711217 and longitude 74.1504204 are the geocoordinate of the Katthiwada. Bhopal is the state capital for Katthiwada village. It is located around 343.8 kilometer away from Katthiwada.. The other nearest state capital from Katthiwada is Gandhinagar and its distance is 181.0 KM. The other surrounding state capitals are Gandhinagar 181.0 KM., Daman 265.9 KM., Raipur 398.2 KM.

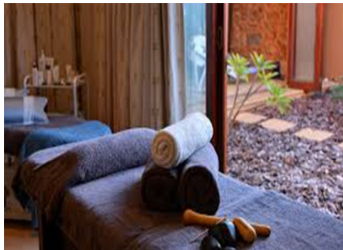
- LOCATION- Juna, kathhivada village, kathhivada tehsil, district Alirajpur.
- CLIENT-Madhya Pradesh tourism board
- TYPE- Commercial/Recreational
- STATUS- Proposed & unbuilt
- SITE AREA- 5 Acres



This site for the project is proposed by Madhya Pradesh tourism board for improving tourism activities in the related area as because there is less exposure to the tourism activity in the related area.

INTRODUCTION - WHAT IS A WELLNESS CENTRE

There are so many different types of wellness centers that it can be hard to know what the term “wellness center” actually means. In its broadest sense, a wellness center is a place that offers health services for both mind and body. With this in mind, we’ll help you understand how that applies to the different types of wellness centers.



DEMOGRAPHIC TABLE

Description			
City	Khandwa		
Government	Municipal Corporation		
Urban Agglomeration	Only City		
State	Madhya Pradesh		

Khandwa City	Total	Male	Female
City Population	200,738	102,901	97,837
Literates	151,545	81,198	70,347
Children (0-6)	24,801	13,031	11,770
Average Literacy (%)	86.14 %	90.35 %	81.74 %
Sexratio	951		
Child Sexratio	903		



ABOUT THE CITY

Khandwa is a city and a nagar nigam in the Nimar region of Madhya Pradesh, India. It is the administrative headquarters of Khandwa District, formerly known as East Nimar District.

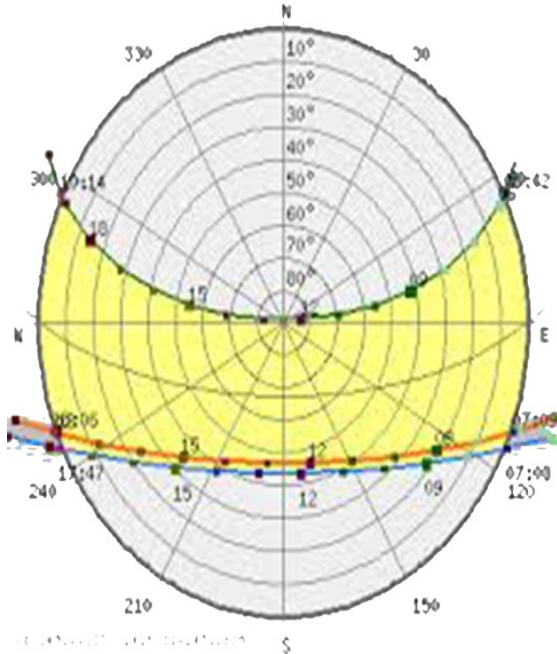
Khandwa is an ancient city, with many places of worship, like many other cities in India.

Most temples are Hindu or Jain. During the 12th century CE, it was a centre of Jainism. During British rule, it replaced nearby Burhanpur (now a separate district) as the main commercial centre of the west Nimaad region. Khandwa is a major railway junction; the Malwa line connecting

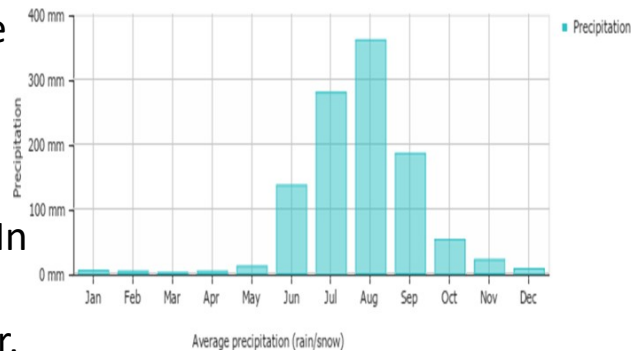
Indore with the Deccan meets the main east–west line from Mumbai to Kolkata.

CLIMATIC CONDITIONS

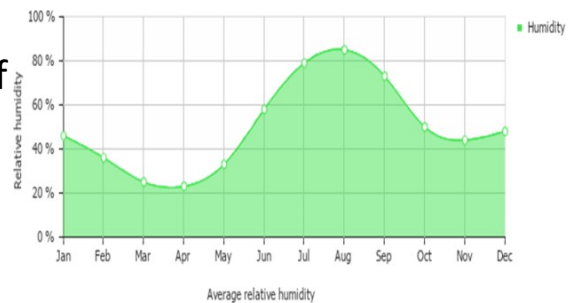
The climate here is tropical. The summers are much rainier than the winters in Khandwa. The climate here is classified as Aw by the Köppen-Geiger system. In Khandwa, the average annual temperature is 26.6 °C. In a year, the average rainfall is 932 mm. The driest month is February, with 2 mm of rain. The greatest amount of precipitation occurs in July, with an average of 282 mm. May is the warmest month of the year. The temperature in May averages 34.9 °C. The lowest average temperatures in the year occur in December, when it is around 20.4 °C. There is a difference of 280 mm of precipitation between the driest and wettest months. The variation in temperatures throughout the year is 14.5 °C.



PRECIPITATION GRAPH



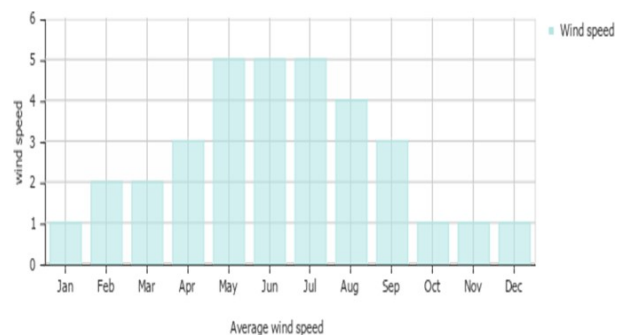
RELATIVE HUMIDITY GRAPH



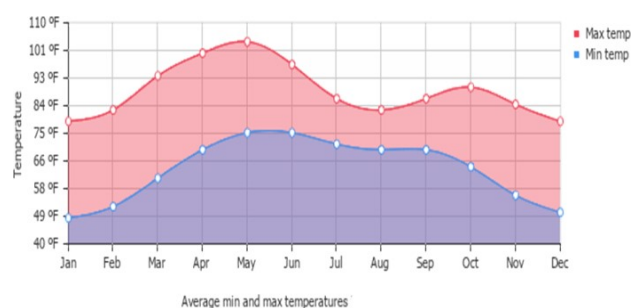
SUN HOURS GRAPH



WIND-SPEED GRAPH



ANNUAL TEMPERATURE GRAPH



SOIL TYPE

Deep medium Black soil
Area 16.21 m. ha.
(36.53%)

33

Narsinghpur, Hoshangabad, Harda, Shahdol, Umaria, Jabalpur, Katni Sagar, Damoh, Vidisha, Raisen, Bhopal, Sehore, Rajgarh, Ujjain, Dewas, Shajapur, Mandasaur, Neemuch, Ratlam, Jhabua, Dhar, Indore, Khargone, Barwani, Khandwa, Guna (partly), Shivpuri (partly), Datia (partly) and Sidhi (partly), Anuppur, Ashoknagar, Burhanpur, Alirajpur, Singroli

SEISMIC ZONE

In major parts of the state, seismicity is moderately high. Especially, in the recent past, a couple of events triggered the entire state (including the 1997 Jabalpur Earthquake). After that, the earthquake is being taken quite seriously here. However, as per Vulnerability Atlas of India 2007, there are 28 districts come under Zone III, and 22 districts come under Zone II of earthquake. Talking about the khandwa district it comes in zone 3 of earthquake seismic zones.

ON SITE CONSIDERATIONS

SLOPE

One naala runs to the northern side at the back of the site and there is a little bit of slope seen as due to the water mass present there at north eastern direction.

PERMISSIBLE F.A.R-1

PERMISSIBLE GROUND

COVERAGE-35%

PROJECT CLIENT-MADHYA

PRADESH TOURISM

BOARD

EARTHQUAKE ZONES IN MADHYAPRADESH



SITE ACCESSIBILITY

The site is accessible from two sides from the main road on from the eastern side and one from the southern side and public transport is mainly used to come to the site or else private one is the best one. mundi bus stand is the nearest one and the main depot is in khandwa city. nearest railway was harsud junction but it has been closed due to lack of services and population travelling.

SEWER LINE

The site is located in the less populated and outskirts of the city & is near the water masses but there is a sewer line that runs towards the city sewers from the eastern to north side and then to the city.

VEGETATION

The land is fertile there because of the nearby water masses and black soil is fertile which is present there so there is abundant vegetation and many types of trees were present there.



EXISTING STRUCTURES

There are some villas and houses of people near the site as it is located in the outskirts so the population is less there of the people and structures both.



OTHER FEATURES

Electric wires are running through the shorter axis from east to west and the eastern part of the site is used as a dumpyard by the local people

EVIDENCE OF THE PROPOSAL

TENDER NO 4350/ MPTB /IP/2018

Dated: 22/09/2018

REQUEST FOR PROPOSAL

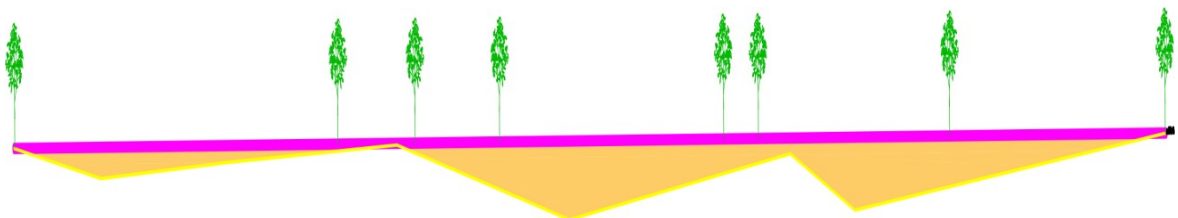
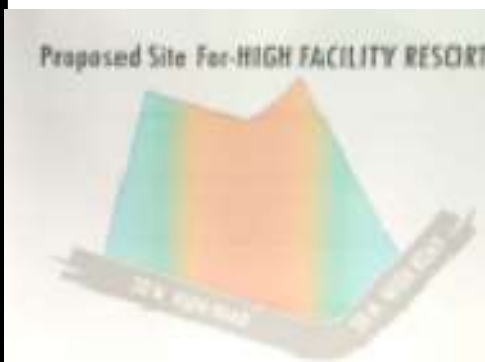
MADHYA PRADESH TOURISM BOARD (MPTB) is interested in developing the following land parcels through DBFOT mode.

S.N	Village	Tehsil	District	Khasra No.	Area in Hectare	Proposed activity
1.	Patakhali (Nagarbada)	Harsud	Khandwa	Plot No-5	4.817	Development of Resort/ Wellness Centre/Amusement Park/Theme Park/Adventure sports/Film Studio and Infrastructure for film making

The RFP documents can be downloaded from web site www.mpeproc.gov.in before the bid due

DETAILS OF THE SITES

Land Detail :-	Land Name/ Location	Nagarbada (Pathakhali)
	District	Khandwa
	Area (in Hect)	Total Land Area - 29.810 Hect Plot 1 - 4.599 Hect Plot 2 - 4.510 Hect Plot 3 - 4.562 Hect Plot 4 - 4.368 Hect Plot 5 - 4.817 Hect
	Khasra number	266/2,283,284,286,287,288,295,299,301,302
	Google Coordinate	22.1305,76.633



SITE SECTION

DISTANCES AND TIMINGS

	Varanasi	Lucknow	Kolkata	Delhi
Distance (km)	964 kms	900kms	1579kms	1000kms
	19hr 50m	16hrs 30m	31hrs	17hr 34m
	16hr 40 m	14hrs 10m	25hrs	15hr 15 m
	10 hrs	7hrs	8hr 15m	6hr 20m



Nearest railway station- khandwa jn



Main bus depot- Khandwa bus depot



Nearest bus stand- Mundi bus stand



Nearest airport- Indore airport



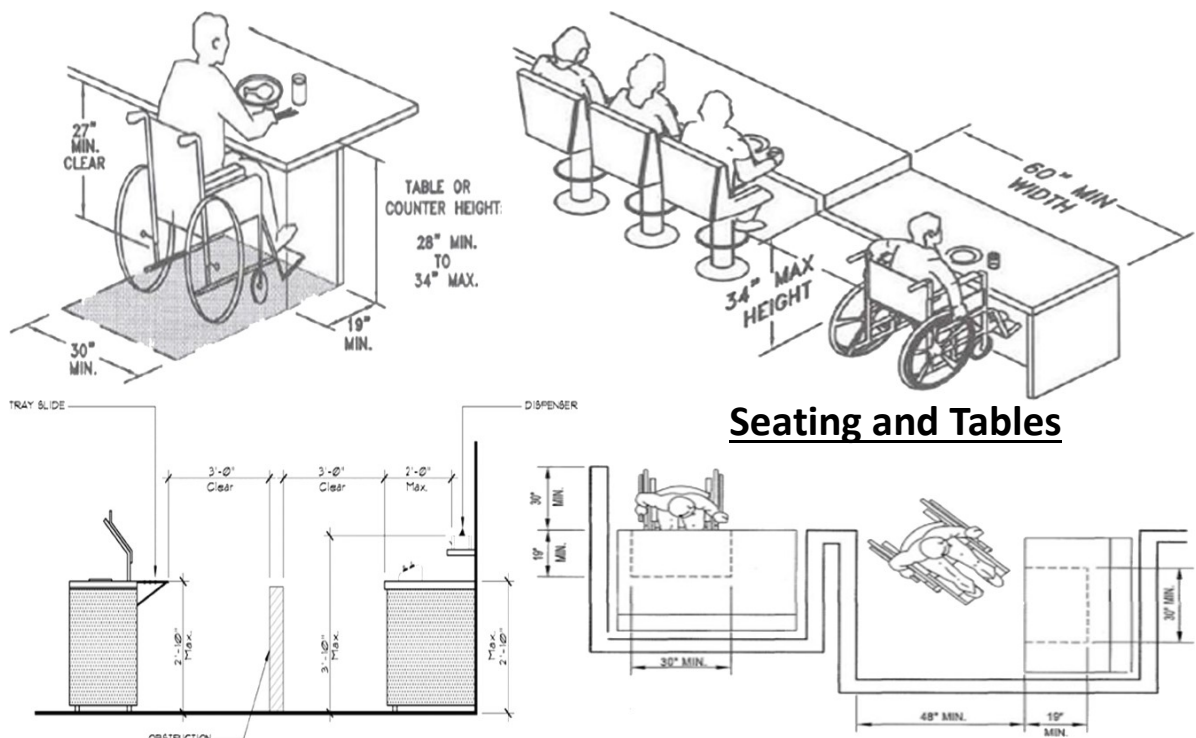
STANDARDS

UNIVERSAL ACCESSIBILITY:

All restaurants must be accessible to persons with disabilities.

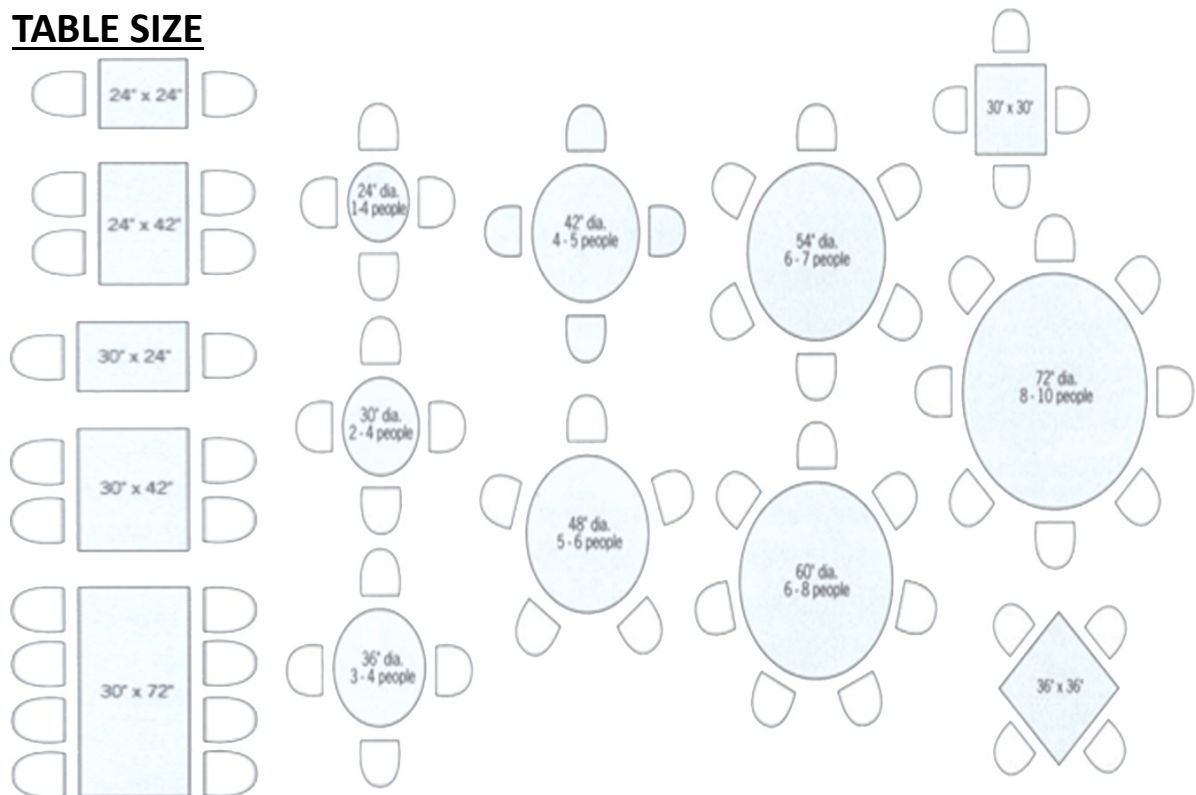
This includes both employees and patrons. Some, but not all, of the accessible features that restaurants must have are:

- A minimum of 36 inches long portion of the cashier counter must be no higher than 28 to 34 inches above the floor.
- In restaurants and bars where dining surfaces are provided for consumption of food or drink, at least 5% of seating and standing spaces at dining surfaces shall have clear floor space of 30"X48" with 19" deep minimum at 27"height knee clearances. Accessible dining surfaces shall be dispersed through entire facility and no less than one shall be located in each functional area (dining, banquet, bar, raised or sunken area, outdoor seating). When more than one accessible space is provided, they shall be integrated throughout the general seating area(s). For bar counter exceeding 34" in height that is accessible by the customers at least 60" long portion of the counter shall be accessible.
- Tray slides at food counters shall be 28" minimum and 34 inches maximum above the floor
- All restrooms shall be accessible to persons with disabilities



Seating and Tables

TABLE SIZE



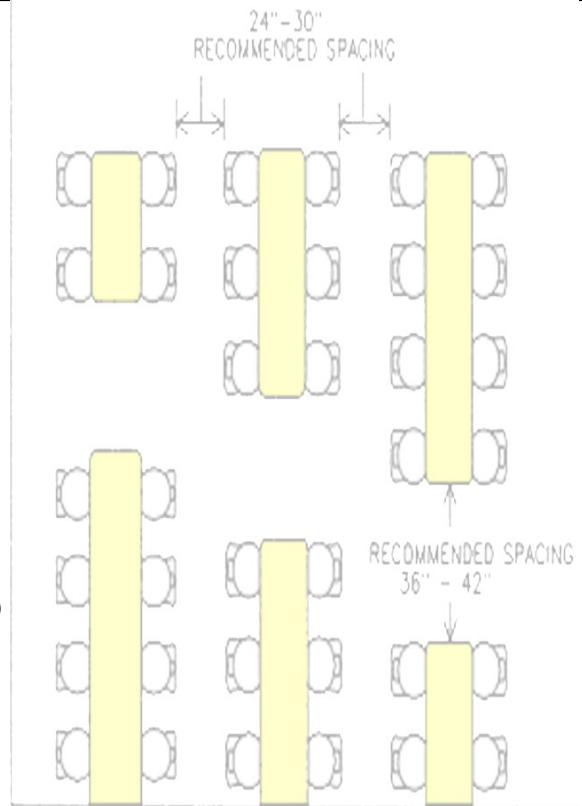
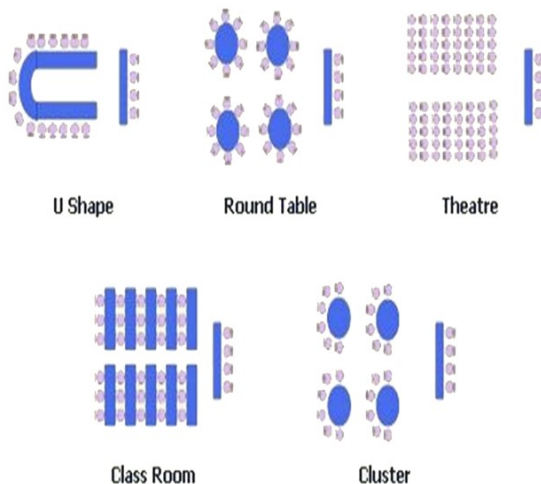
Having the right combination of sizes of tables in a restaurant can decrease wait

time for customers and can maximize seating capacity and profit.

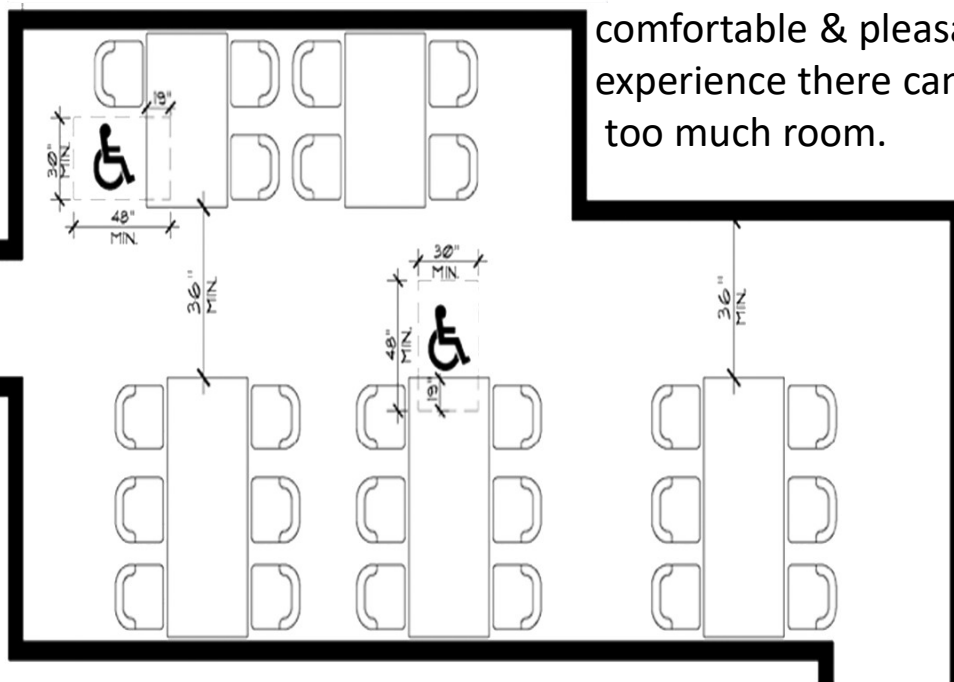
Avoid using large dedicated tables in small restaurants to save space and seating capacity.

TABLE SPACING IN RESTAURANTS:

Aisles and circulation ways in dining rooms utilizing movable tables and chairs must be maintained to provide safe exiting at all times. Dining, banquet and bar facilities shall be made accessible to persons with disabilities. Each area shall have at least 5% of seating spaces, but not less than one, wheel chair accessible seating space. Access to such seating spaces shall be not less than 36" clear width.



Room size, shape & function determine the layout of tables in a room. For table spacing in public places always refer to local codes for restrictions & safety requirements. The drawings above & below offer some general, customary aisle allowances. For a comfortable & pleasant dining experience there can never be too much room.

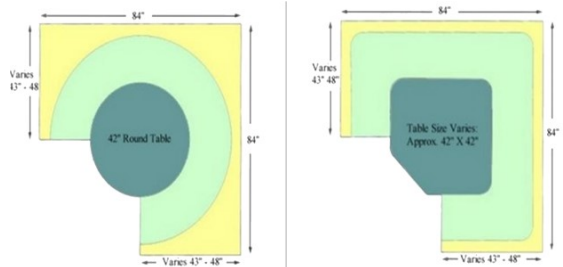


Banquet Hall Seating Layouts

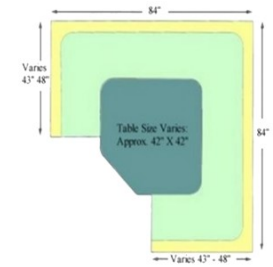
If possible, set up the room so that entrances are along the rear of the seating area, and along the back and sides of the room. This will and along the back and sides of the room. This will minimize disruptions by latecomers and people who have to leave. The ideal seating row width for optimal viewing is no more than the distance from the first row of seats to the screen. This isn't always possible, but if it is, this will present the best viewing angle for the audience. When choosing function rooms, space requirements are not just seating of guests, keep in mind some of the following:

- AV and rear screen requirements and distances.
- Room obstructions - pillars, balconies, large, low-changing chandeliers.
- Traffic flow — restroom accessibility, proximity to coffee break areas.
- External noise.
- Lighting controls.

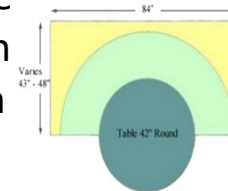
SEATING ARRANGEMENT



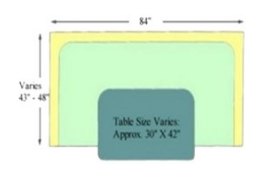
Three Quarter Circle Restaurant Booth - Radius Style



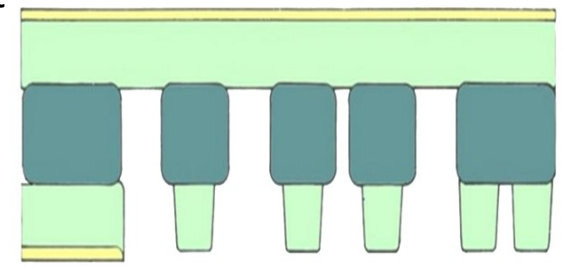
Three Quarter Circle Restaurant Booth



Half Circle Restaurant Booth - Radius Style

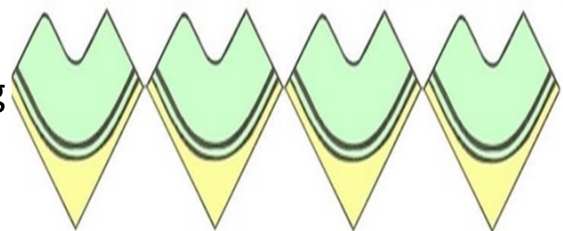


Half Circle Restaurant Booth

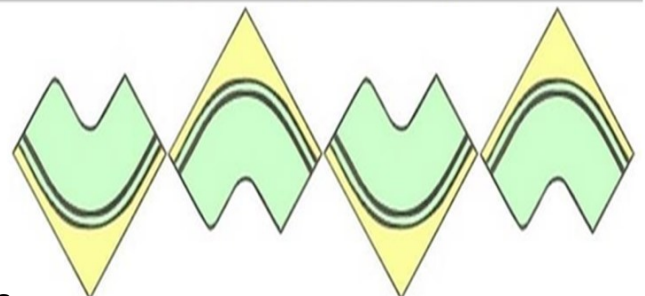


Restaurant Booths - Continuous Bench Banquette Styles

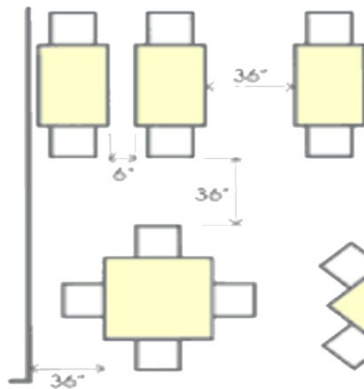
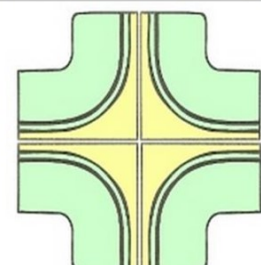
Restaurant Booths - Saw Tooth Grouping



Restaurant Booths - Zig Zag Grouping



Restaurant Booths - Center Grouping



Counters

CASE STUDY

INTRODUCTION- WESTIN RESORT & SPA, SOHNA

A WORLD OF HEAVENLY EXPERIENCES

The property is spread across 37 acres of lush green landscaped gardens and has 97 guest rooms and standalone suites. All rooms are equipped with Westin Heavenly Beds and rainforest showers. The resort is also home to the Westin Heavenly Spa which is 1,450 sq meters of sanctuary with signature. Treat yourself with our signature massages, Chi Balance Massage and Roller massage. For your dining experience enjoy authentic Chinese food at 'Xiao Chi' and if you are in a mood for multi cuisine adventure, dine in at 'The Liviang Room'. The outdoor pool, set amid lush greenery, provides an idyllic setting for a refreshing swim under open sky.

LOCATION

Address: Vatika Complex, P.O. Box Dhaula, Karanki Road, Sohna-Gurgaon, HAR, 122103, India



PROJECT OVERVIEW

Client: vatika hospitality pvt. Ltd.

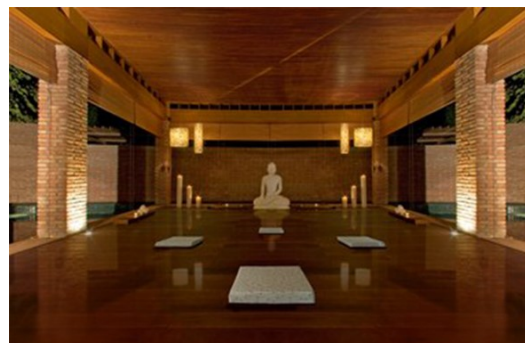
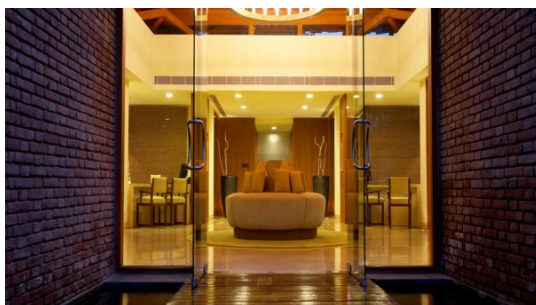
Design team :ashok dhawan (principal architect)
shabnam dhar (project architect)

Consultants : satish khanna associates (landscape)
Nirman engineering pvt. Ltd. (Structural)

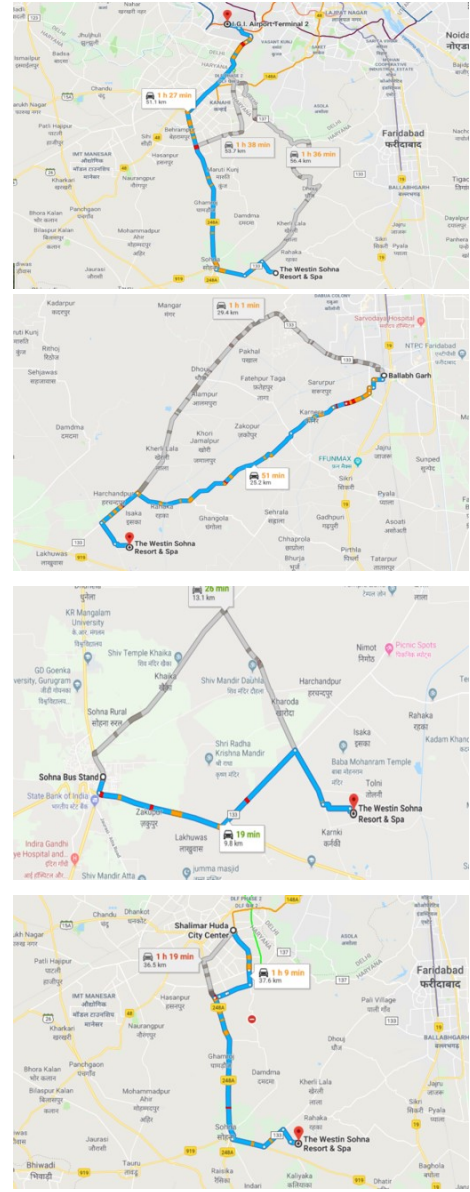
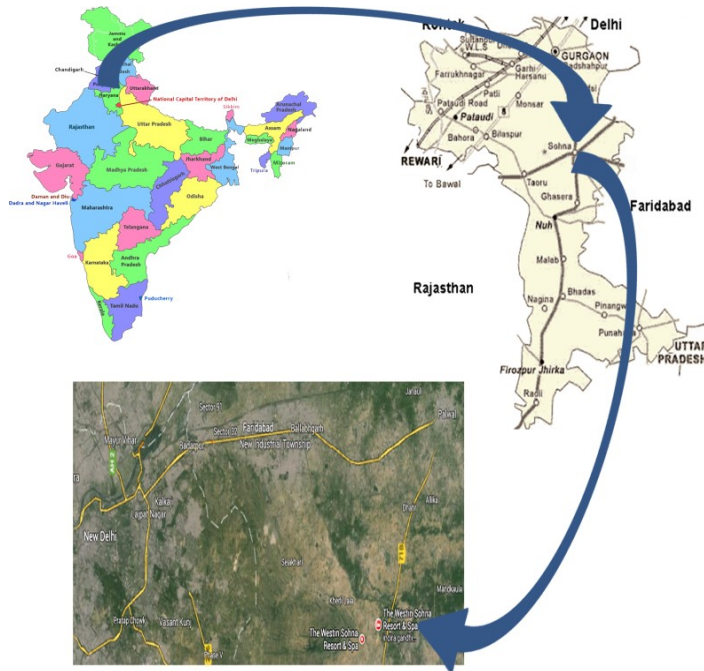
T s sethi engineering associates (electrical)
Gupta consultants pvt. Ltd. (Hvac)

Saviram (plumbing and fire fighting)

Built up area:15000 sq.Mts.
Year of completion : 2009



LOCATION : Vatika complex, dhaula, karnki road, Sohna
SURROUNDING : huts, houses and lush green fields.
ROAD : Karnki road.



1. OUTSTATION

(a) Nearest airport is **TERMINAL 2, IGI AIRPORT**, at 56 km. **TERMINAL ID, IGI** at 51 km.

BY TRAIN (MASS TRANSIT)

(b) Nearest railway station is **BALLABHGARH RAILWAY STATION** at 25.2 Km.

BY BUS (MASS TRANSIT)

(a) Nearest bus stand is **SOHNA BUS DEPOT** at 9.8 Km from the site.

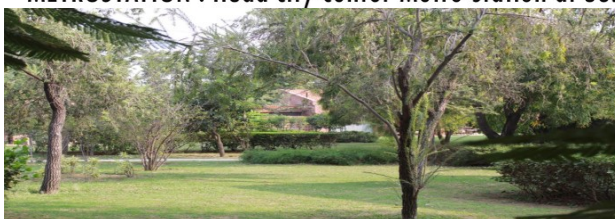
ISBT: Depot **GURGAON** at 40 km.

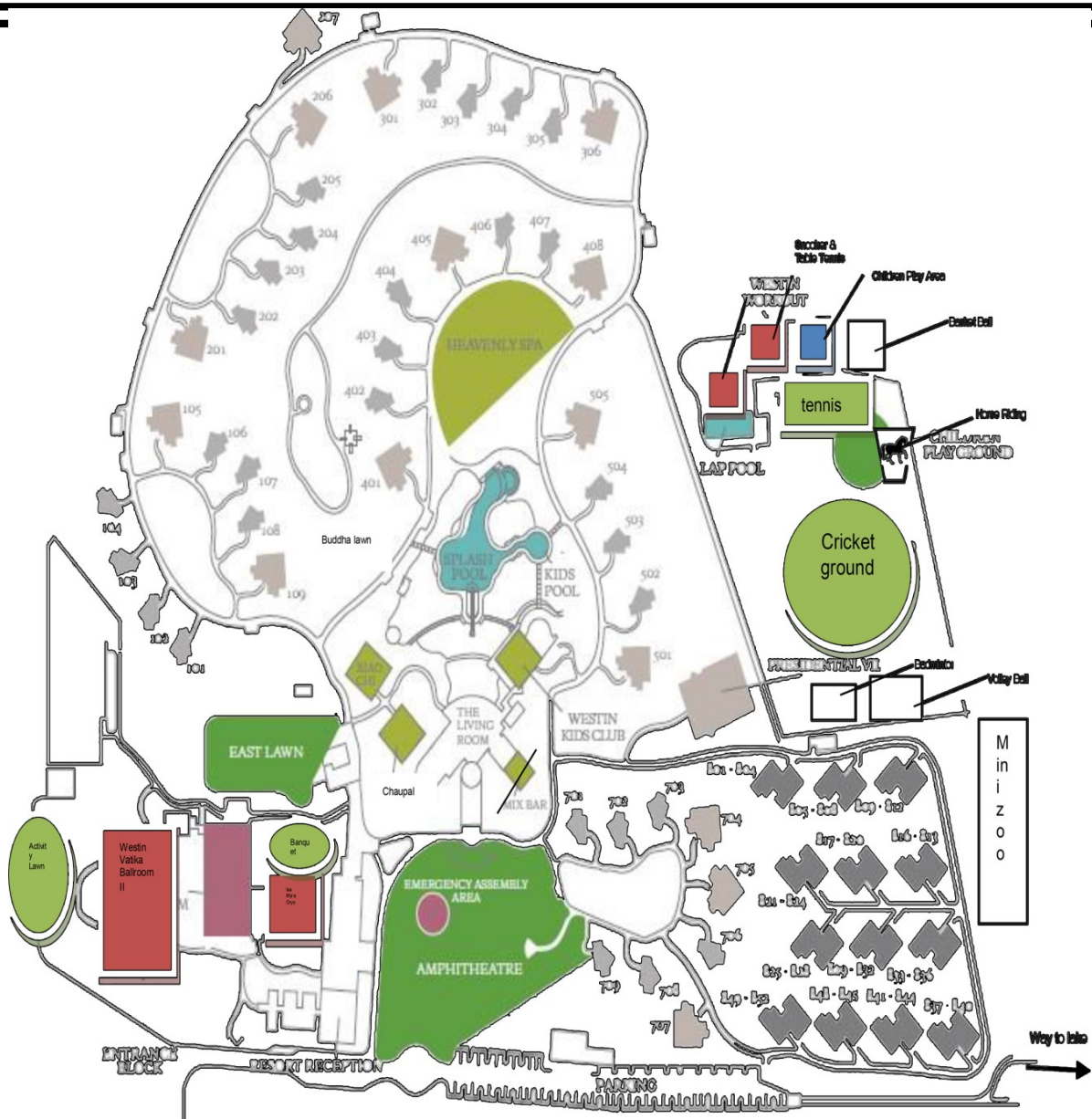
2. LOCAL

(a) **PARA TRANSIT**

Include Taxis and auto rickshaw.

METROSTATION : Huda city center Metro station at 36.5km.

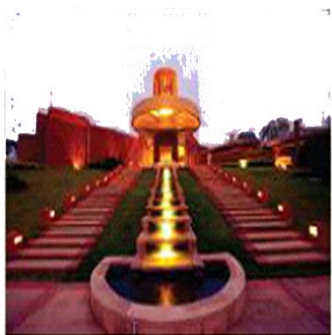




CONCEPT – REVIVING THE VERNACULAR IDIOM

- A garden retreat set amidst lush greenery, where each unit is designed independently over time.
- The architectural expression has remained consistent by coherent use of exposed brickwork.

The Westin Sohna Resort & Spa offers a relaxing environment for both business meetings and leisure visits through unique blend of personal and instinctive service provided by our Westin Service Express®. An elaborate 15,600-square foot indoor spa with six treatment rooms offers wide range of treatments including Thai, Balinese, Chinese, & Ayurveda massages & body wraps, focusing on renewal of body, mind, and soul.



Epicentre

Components:

- a) Entertainment Hub
- b) Restaurants
- c) Kids Play Area
- d) Dining Pavillions
- e) Swimming pool

Heavenly Spa

Area : 1450 sq.m

Components:

- a) 6 treatment rooms
- b) Private Relaxation Gardens
- c) Meditation Room



Total site Area : 37 Acres
Builtup Area : 15,000 sq.m

Sports and Recreation

Areas: 1747 sq.m

Facilities

- a) Lap Pool
- b) Westin Gymnasium
- c) Childrens Play Area
- d) Tennis Court



Public Service Areas

Entrance Foyer, Reception, Meeting Rooms and Westin ball room, 604 sq.m

Accommodation



Number of rooms: 97

Type / Area :

- a) One & Two bedroom cottages, 42 sq.m
- b) Deluxe Rooms, 56 sq.m
- c) Presidential Villas, 120sq.m

Wellness opportunities are provided through a comprehensive list of activities including Meditation, Yoga, and Tai Chi sessions.

The spa menu also offers pedicures, manicures, facials, and other beauty treatments.

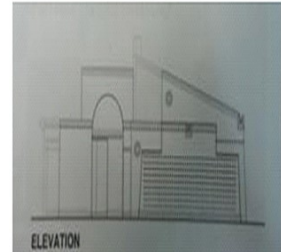
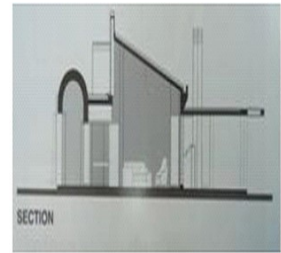
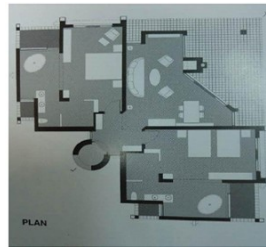


ACCOMODATION

97 guest rooms and suites are spread over 35 lush acres. They are designed to allow to “be at your best,” whether the path to renewal is through tranquility or rejuvenation. Each room offers a modern and welcoming environment. Overlooking the resort gardens, spacious Premier Rooms offer the ultimate in comfort.

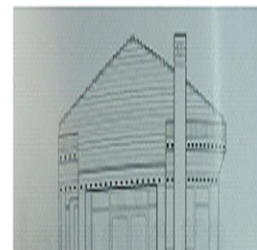
PREMIER VILLA

The stand alone Premier Villa offers comfort and exclusivity. Relax and rejuvenate in natural surroundings with modern amenities including a deep soaking bathtub under a glass roof.



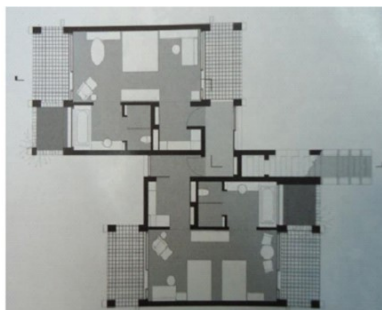
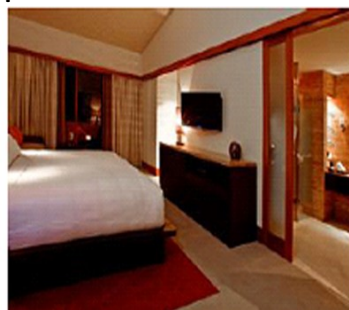
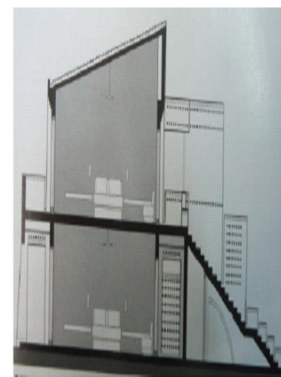
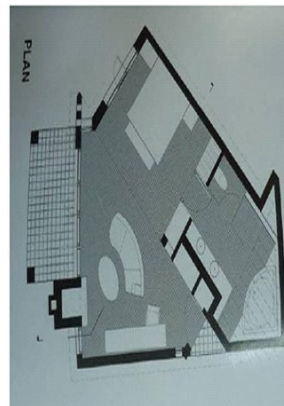
LUXURY VILLA

The two-bedroom Luxury Villa offers a beautiful and restful sanctuary, which includes a large outdoor terrace with chaise lounge. The interior includes a dining table and comfortable living room. Both bedrooms feature large, open-plan bathrooms with grand freestanding terrazzo bathtubs and walk-in robes.



PREMIER ROOM

- Pure geometry in plan
- Strong elevation
- Innovative use of patterns on screen walls, lintels and overhang plays
- Enclosed ornamental gardens provided outside the washrooms



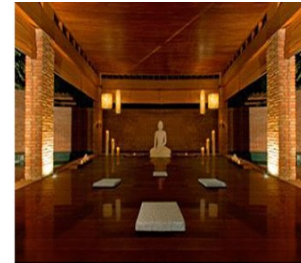
SPA RECEPTION & WAITING AREA OPEN SPACES

An elaborate 15,600-square foot indoor spa with six treatment rooms offers a wide range of treatments, focusing on renewal of body, mind, and soul. Wellness opportunities are provided through a comprehensive list of activities including Meditation, Yoga, and Tai Chi sessions.

PRESIDENTIAL VILLA

The Presidential Suite offers two levels of the ultimate pampering with three bedrooms, a private courtyard with landscaped gardens, and plunge pool.

- 3 bedroom accommodation.
- Private swimming pool.
- 2 double rooms+ large living & dining place.
- A sculpture fireplace at the focal point.
- Master bedroom- own fireplace + private spa + garden shower.
- Set in private garden surrounded by water channels.
- Roof's sloped towards circular pool, towering chimneys into the sky.



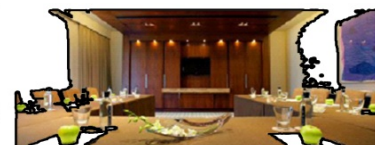
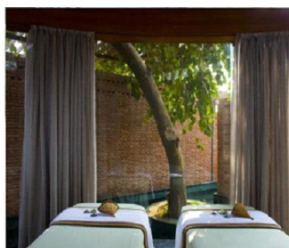
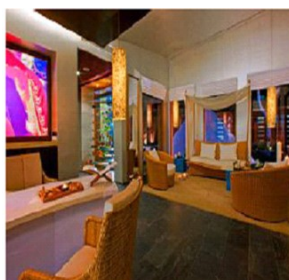
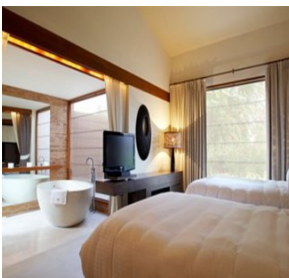
THE MEDITATIONAL PYRAMID

Many people experience feelings ranging from calmness to extreme euphoria during their meditation sessions inside the pyramids. Pyramids provide most effective high-energy environments for beginners of meditation. Pyramids help to reduce the level of stress & tension in the physical body. The pyramid is a solid structure with four triangular sloping sides resting on a square base, and the four apices joining at a point forming the apex of the pyramid.

Each triangular sloping face is an isosceles triangle, with the two sloping sides being equal and the base angle equal. The lengths of the equal sides are all equal and all are similar to each other and of equal area.

MEETING ROOMS & GATHERING SPACES

The Westin Sohna Resort & Spa has a total of 604 square meters of meeting & Banquet space to suit all occasions. The Westin Vatika Ballroom is divisible by three rooms for greater flexibility and there is an additional three meeting rooms, all with state of the art audio visual equipment and an abundance of natural lights.



TWO STOREY UNITS

- Residential feeling rather than commercial.
- Sculptural quality of bricks and elaborate patterns.
- Pitched roofs, buttress walls, projected balconies.

DINING AND POOL

- Xiao chi, Xiao chi bar, the living room is the restaurants and splash is the open juice bar with the pool.
- There are a group of garden pavilions covered with slate clad pyramid roofs which merge with the surrounding trees.
- Glass brick slots separating the sloped facets give lightness to the rooms.
- The gym has a lap pool with the sports arena connected to it.



Located next to the pool, Splash is a wonderful place to enjoy a healthy snack, a refreshing juice, casual lunch, or early dinner. The perfect place to connect and unwind overlooking the landscaped gardens, Mix is best known for its oversized and creative selection of cocktails. A choice of eclectic nibbles will further enhance the mood, with specialty coffees also available.



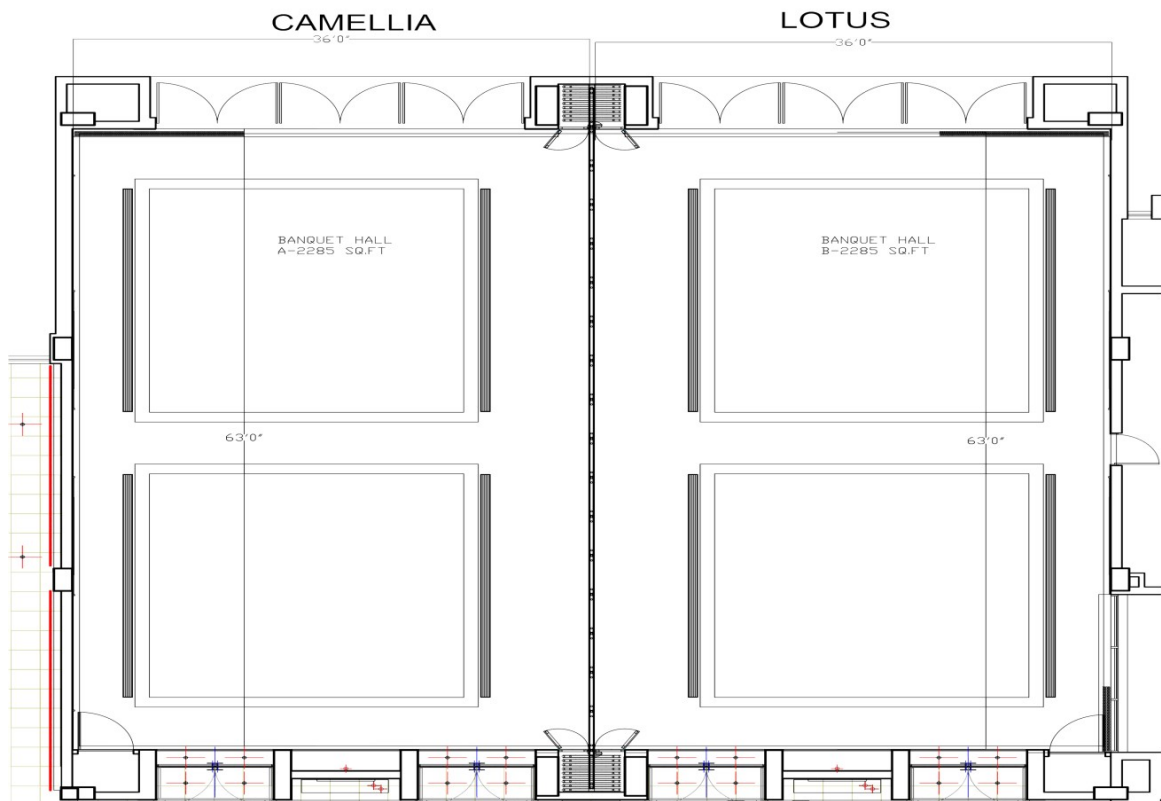
THE HEAVENLY SPA

- Designed as an enclosed garden setting.
- Spaces set around a group of fully grown trees.
- Series of private courts within functions.
- Curved brick wall enveloped by water throughout.
- Each room designed with glass enclosure over which the roof floats.

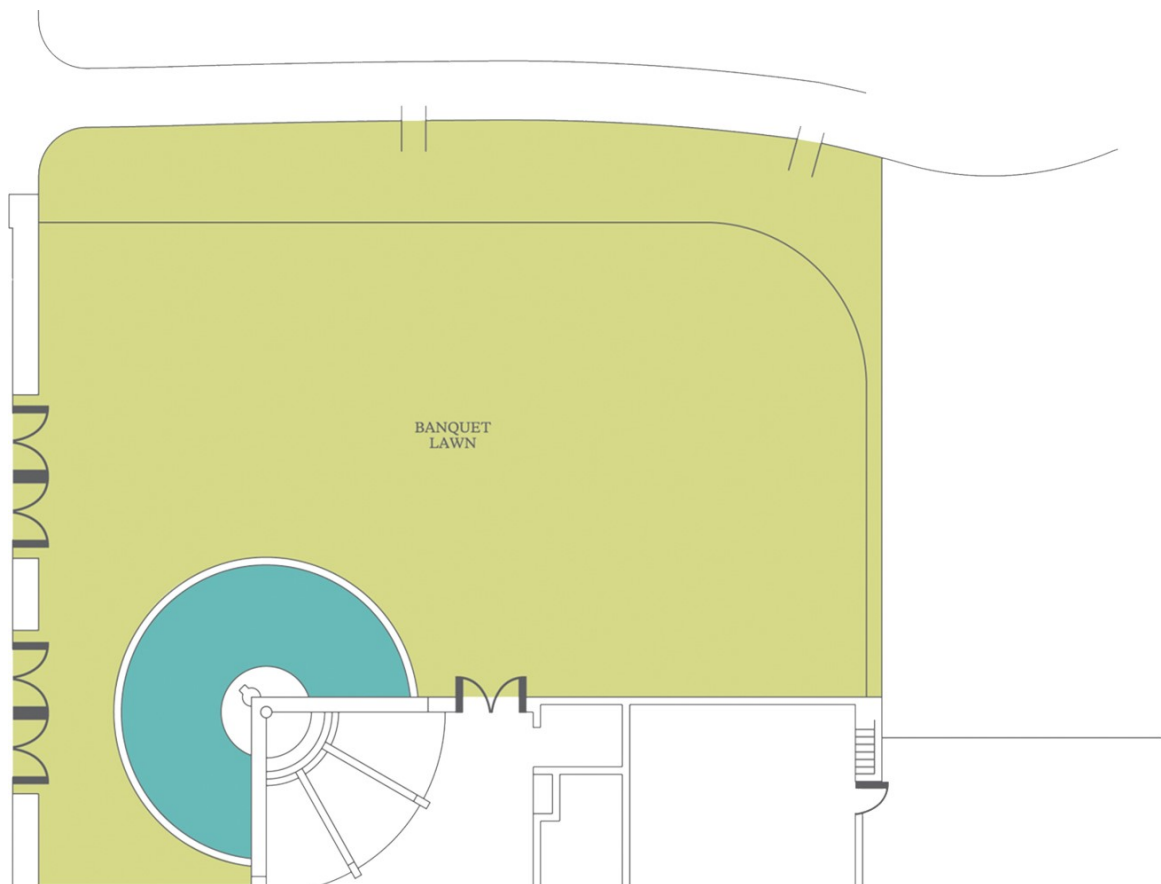


BANQUET HALL- BALLROOM LAYOUT

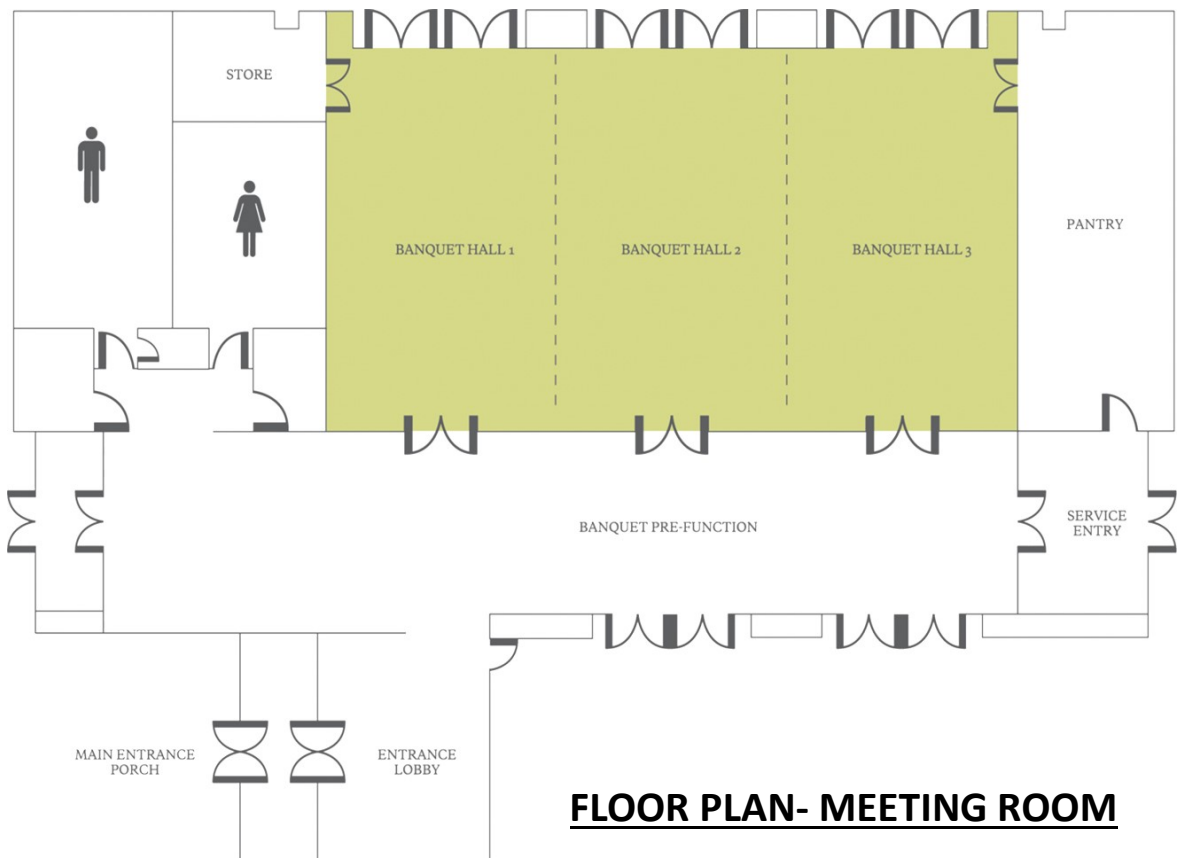
VATIKA BALLROOM II



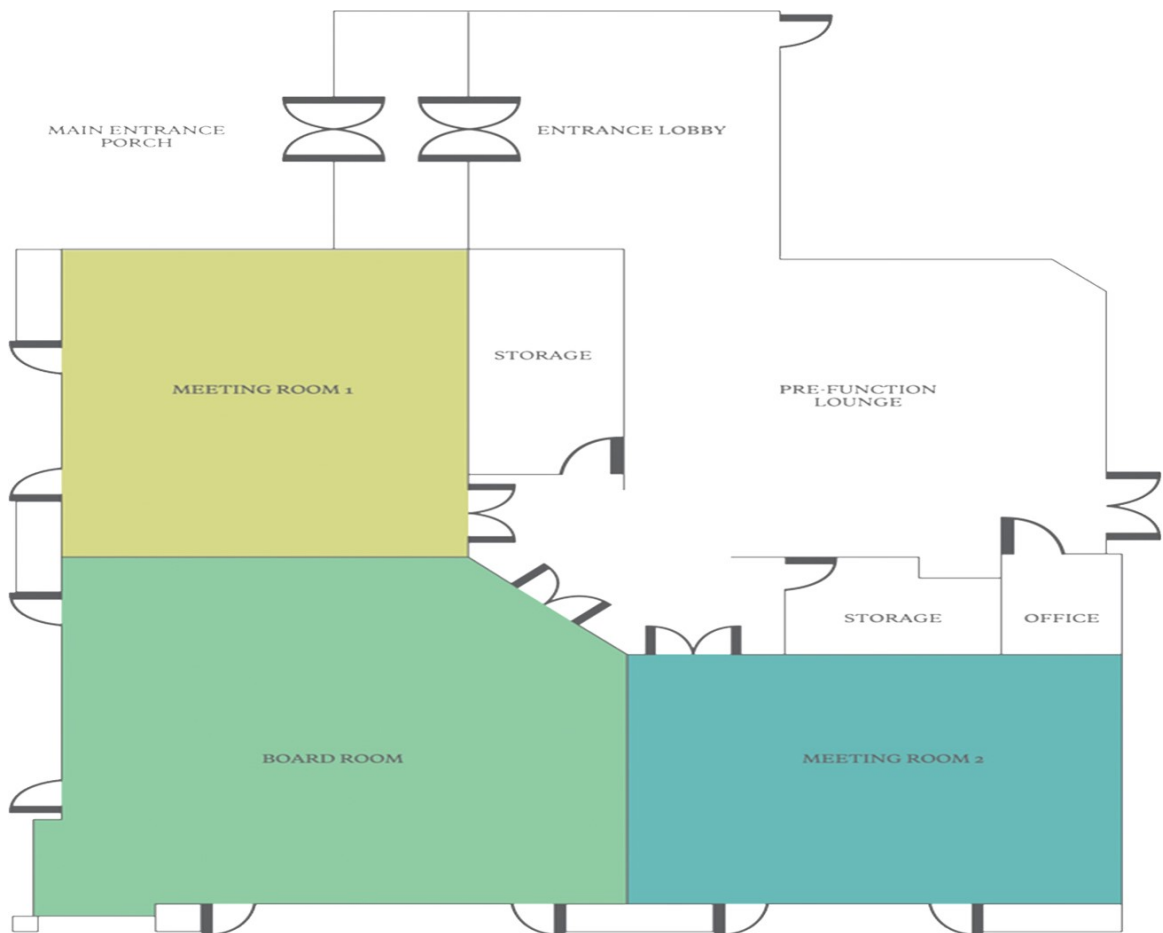
FLOOR PLAN- BANQUET HALL-MYRA LAWN



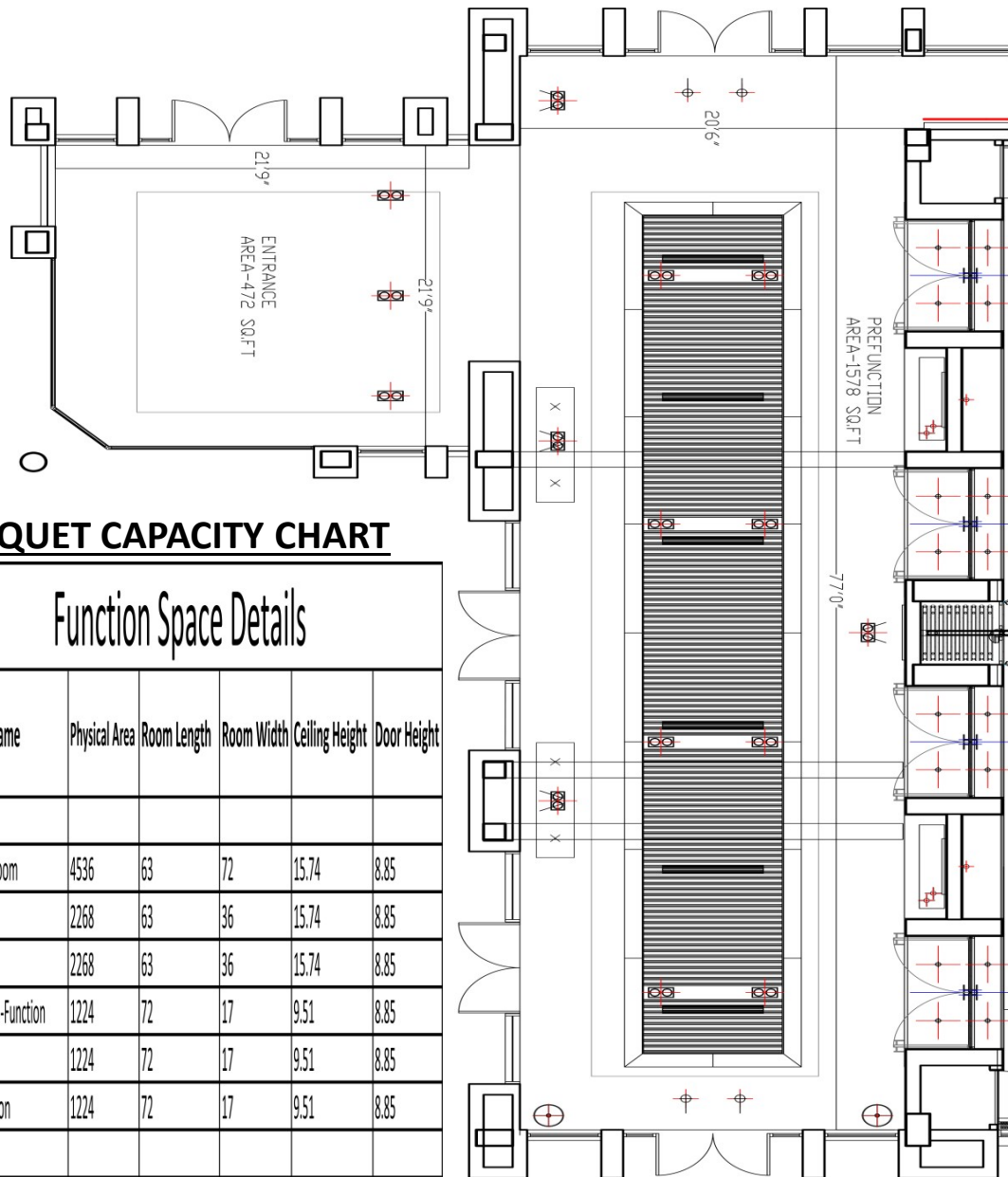
FLOOR PLAN - BALLROOM



FLOOR PLAN- MEETING ROOM



PREFUNCTION AREA- BALLROOM 2



BANQUET CAPACITY CHART

Function Space Details

Function Space Name	Physical Area	Room Length	Room Width	Ceiling Height	Door Height
Westin Vatika Ballroom	4536	63	72	15.74	8.85
Lotus	2268	63	36	15.74	8.85
Camellia	2268	63	36	15.74	8.85
Vatika Ballroom Pre-Function	1224	72	17	9.51	8.85
Lotus Pre-function	1224	72	17	9.51	8.85
Camellia Pre-Function	1224	72	17	9.51	8.85

function rooms	total area (sq.m.)	dimension l x w (m)	height (m)	total area (sq.ft.)	Dimension l x w (ft.)	height (ft.)
The Westin Vatika Ballroom	218	10 x 21	4	2,350	33' x 69'	13'
Jasmine	72	10 x 7	4	775	33' x 23'	13'
Orchid	72	10 x 7	4	775	33' x 23'	13'
Frangipani	72	10 x 7	4	775	33' x 23'	13'
The Westin Vatika Ballroom Foyer	108	21 x 5	3	1,165	16' x 69'	10'
The Westin Meeting Rooms						
Isa	59	7 x 8	3	635	23' x 26'	10'
Myra	93	9 x 10	3	1000	30' x 33'	10'
Oryo	59	7 x 8	3	635	23' x 26'	10'
The Westin Meeting Rooms Foyer	67	8 x 8	3	720	26' x 26'	10'
Amphitheatre	1725	48 x 36		19200	160' x 120'	
East Lawn	720	30 x 24		8000	100' x 80'	
Pool side	360	20 x 18		4000	66 x 60'	
Banquet Lawn	265	24 x 11		2960	80' x 37'	

FUNCTION ROOM CAPACITIES

function rooms	theatre	classroom	U	Cocktail	Hollow	banquet	Cluster (8pax per table)
			shape	reception	square	sit down	
The Westin Vatika Ballroom	225/200*	132/108*	55/50*	200	70	120/100*	84
Jasmine	60/48*	36/30*	26	50	28	40	24
Orchid	60/48*	36/30*	26	50	28	40	24
Frangipani	60/48*	36/30*	26	50	28	40	24
The Westin Meeting Rooms					Board room		
Oryo	-	-	-	-	18-fixed	-	-
Isa	40/32*	24	20	30	24	30	18
Myra	60	36	26	30	24	40	30
Amphitheatre	500			700		350	224
East Lawn	250			225		130	88
Pool side	100			125		70	56
Banquet Lawn	100			100		70	56

INTRODUCTION- ANANDA - IN THE HIMALAYAS

ON OF THE BEST CONSIDERED WELLNESS RETREAT IN INDIA

Tucked away in the foothills of Himalayas in the Maharaja of Tehri Garhwal's former palace, Ananda is inarguably the most luxurious, authentic Ayurvedic wellness destination in India. Ananda is primarily oriented around Panchakarma programs that require a 7-night stay—though some Indians come for long holiday weekends, while other guests linger for as long as a month, particularly for more intensive weight loss. It is one of the best spa destination and heritage site in the world. It is managed & owned by IHHR Hospitality pvt ltd. In 2005, CONDE NAST TRAVELER rated this spa as the “Best overseas spa retreat” with a score rating of 99.62.

The reader's choice world's number 1 destination spa (2005, 2006, 2007, 2012). It is also only spa in india to be awarded the five wave certificate by BISA (British international spa association). According to a reviewer of THE TELEGRAPH, Ananda”mixes the healing principles of the east with the pampering of the west”.



PROJECT OVERVIEW

LOCATION: Narendranagar, Uttaranchal

CLIENT: Indian Hotels and Health Resorts Pvt. Limited

YEAR OF COMPLETION: 2000

ARCHITECT: Chandu Chaddha, Sembeida and Associates

LANDSCAPING: Mr. Garry Galore

TOTAL SITE AREA: 100 acres (70% are forests)



HISTORY

A legendary fount of religion and spirituality, Narendra Nagar , was chosen by Maharaja Narendra shah to house the palace Tehri Garhwal . The site has 2500 sq.m area of Maharaja of Tehri Garwal palace. This palace has been renovated and restored to make the vice-regal suite, the lobby, reception area, ballroom & the other executive suite of 144 sq. meters each. It has wide-open terraces for the view of the Ganga valley. In front of the palace area formal gardens with a music stand for live musical programme. The landscape has been done keeping the royalty in mind with huge spacious lawns spread over 3 acres, this forms the upper level of the resort. The lower part houses the main resort area, the restaurant and the spa palace from main gate.

LOCATION

This health resort and spa is located at a distance of 16 k.m. from Rishikesh in the hill town of Narendra Nagar . it is at 260 kms from Delhi , 42 kms from Haridwar and 150 kms from Mussoorie. It is basically a luxury resort in mountains , which is combination ad on an area of 100 acres out of which more than 70% are forests. The rest 30% has the resort and spa under study with the Place of Maharaja of Tehri-Garhwal, Narendra singh.

ACCESS TO THE ANANDA

1. OUTSTATION

(a) Nearest airport is JOLLY GRANT AIRPORT, DEHRADUN at 31 km. TERMINAL ID, IGI at 51 km.
BY TRAIN (MASS TRANSIT)

(b) Nearest railway station is RISHIKESH RAILWAY STATION at 18 KM.

(c) Ananda has its own helipad & private charter available.

BY BUS (MASS TRANSIT)

(a) Nearest bus stand is ISBT RISHIKESH at 17.2 Km from the site

2. LOCAL

(a) PARA TRANSIT

Include Taxis and auto rickshaw.



LAYOUT IN THE SITE

The entrance ornamented with brass decorated cast iron main gate & the garden between the palace & main entrance gives the essence of palace architecture.

•Palace entrance

•Vice regal palace, viceregal lounge, library, ballroom, two indoor yoga venues, vice regal suite, billiards room

•Music pavilion

•Ananda spa, consultation room, ayurvedic area, yoga room , oriental therapy room ,western therapy room , aveda beauty institute wet spa area , fitness & aerobic center.

At the heart of the wellness focus,

•Hillside theatre

is the integration of Yoga and

•The pavilion

Ayurveda philosophies along with

•The restaurant

purifying whole body therapies,

•Guest residence

while incorporating the five elem-

•Rishikesh

ents of Nature, thus creating

•The Ganges

harmony between the mind, body

•Haridwar

and spirit.

Ananda-In the Himalayas is a luxury destination spa resort located in the picturesque foothills of the Himalayas, the birthplace of India's ancient arts of yoga, meditation and Ayurveda. Ananda is a retreat dedicated to restoring balance and harmonizing energy, through a holistic approach, incorporating the healing principles of the East and the West with a specific focus on Ayurveda and Aromatherapy, along with contemporary spa technology.

LAYOUT OF THE RESORT



layout of the resort

VIEW OF THE SITE

Ananda in the Himalayas
- on The Palace Estate



Set amongst 100 acres of virgin forest and opened in September 2000, Ananda-In the Himalayas is built around a Maharaja's palace estate and located 260 kilometers north of New Delhi. The resort features a restored Viceroy's Palace, world-class Spa, 75 deluxe rooms and suites and 3 villas. Two of these villas are 2 bedroom villas and one is a single bedroom villa, with breathtaking views of the Ganges River and the mountainside.



An amphitheatre, yoga pavilions in natural surroundings and landscaped gardens completes the palatial ananda experience.



Guests can immerse themselves in a complete rejuvenation, experience in the 24,000 square foot spa, with an extensive selection of the therapies in the 21 treatment rooms and 4 consultation rooms.

The Spa also features luxurious hydrotherapy facilities, a Beauty Institute, outdoor temperature controlled swimming pool, sauna, steam rooms, fully equipped gymnasium. Dining facilities include: The Restaurant (Ananda Rejuvenation Cuisine); The Pavilion; The Winter Garden; The Palace Lounge; The Hill Theatre and The Poolside. Ananda is also ideal for exclusive management retreats and conferences. The expansive Vice regal Hall provides extensive meeting facilities for up to 150 guests. In addition, the Viceroy's Palace has rooftop boardrooms and terraces with panoramic views to cater to high powered meetings.

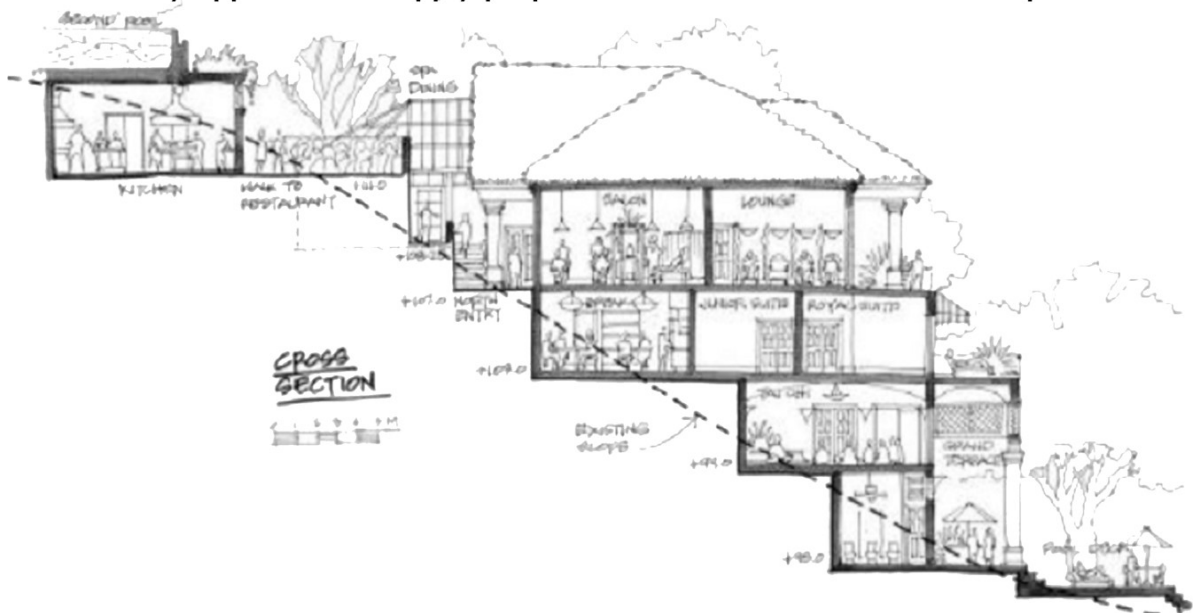


ACCOMMODATION

75 deluxe rooms and suites with private balconies, offer magnificent views of the Ganges river and valley of Rishikesh or the Maharajas Palace. The suites have their own private garden. The Viceregal Suite, located in the Palace has a wrap around terrace with an outdoor Jacuzzi. 3 brand new villas two of which are 2 bedroom villas and one a single bedroom villa, with breathtaking views of the Ganges River and the mountainside. These villas are with private pools approximately 40 sq. metres (10 X 4) with a deck area around it with lounge beds.



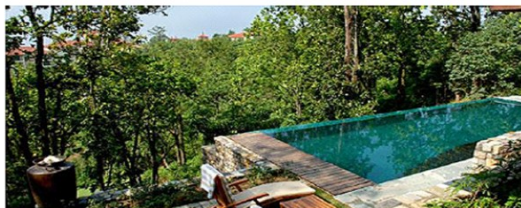
- All the rooms are fully air conditioned.
- The entrance of the guest room is recessed for relief in the corridor.
- The small entrance lobby is provided to avoid direct entry inside the room.
- At the end of the corridor a small terrace, which gives the view of valley
- The openings of rooms are fully glazed with the use of big panels of glass.
- In the toilet the fixed glass window is provided. The oversize bath tub with spectacular picture window.
- Each room has an area of 44 sq metre. There are 14 rooms at one level running along a single corridor separated by a single aisle.
- There are 70 rooms, stacked along single corridor at 5 levels. It is at a height of G + 1 from the ground level and has three more stories below the actual Ground level which are supported by column, on the slope overlooking the Ganga.
- The finishing is done in normal plaster with brick files for roofing.
- The southern side of each room is open completely to get a glimpse of the valley and forests. Even the toilets have fixed glazing.
- A service area/ laundry and office is also located at — 1 level where vehicles can directly approach for supply purposes etc. It has an area of 4000 sq. meters.



When living is but part of the echo of nature then style and elegance blend discreetly to enhance each nuance of serenity. The Guest Rooms, Suites and Villas at Ananda in the Himalayas make a statement with colors that echo nature, and views that leave one gazing into the enchantment of god's own country.

Facilities in all accommodation types include:

- Panoramic view terrace.
- Sunken bathtub with picture window view.
- Separate shower.
- Walk-in closet.
- Two line telephones.
- Private bar.
- In-room safe.
- Tea and coffee maker.
- Temperature AC and Heat control.
- Television.



ANANDA SPA

Area 24,000 Sq. feet area Treatments Ananda offers a unique blend of therapeutic treatments based on traditional Indian practices of Ayurveda, yoga & meditation. The spa also offers the latest European & Thai treatments to purify the body and soothe the senses.

Spa Facilities

- 24 treatment rooms.
- 2 relaxation rooms.
- 4 consultation rooms.
- Separate beauty treatment salon.
- Kama Suite for a couple with Jacuzzi, sauna & massage.
- Hydrotherapy facilities: steam, sauna, Jacuzzi, Kneipe foot bath, cold plunge, showers, locker and changing rooms.
- Outdoor heated lap pool and Jacuzzi.
- Gym: 16 station life fitness gym with cardio,



strength training & aerobic facilities.

- Spa Boutique Showcases a fine collection of silk, wide variety of music, books, Ananda wears, art objects, herbal teas & other organic food, skincare and cosmetics.

Separate wet spas for men and women offer the following facilities:

- A Finnish sauna overlooking the valley & the forest.
- Turkish steam bath.
- Chilled plunge pool.
- Jacuzzi with spectacular view.



Reception area of spa

A footbath area, with natural rounded Ganga pebbles of different grades, in which, the water temperatures change from one segment to the other segment of the footbath. A walkway leads to the therapy rooms offering treatments like ayurvedic massages, detoxification, hydro body exfoliating/ scrub rub, water jet, cellular massage, Swedish and Thai massage. The massage rooms are equipped with private aromatic baths, and rest rooms. Each of these rooms has individual showers.



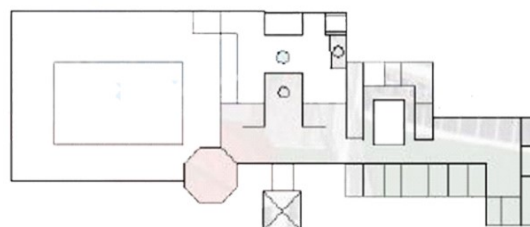
Treatment area

Hydrotherapy area

Spa lobby

A walkway leads to the therapy rooms offering treatments like ayurvedic massages, detoxification, hydro body exfoliating/ scrub rub, water jet, cellular massage, Swedish and Thai massage. The massage rooms are equipped with private aromatic baths, and rest rooms. Each of these rooms has individual showers.

The therapy centre divided by a courtyard and a hill feature has the Ayurveda, naturopathy, panchikarna, Thai massage, aroma therapy. The flooring is in ceramic tiles or timber flooring while the walls are plastered and at places is in timber. Timber trusses are made in the lobby, covered with brick tiles.

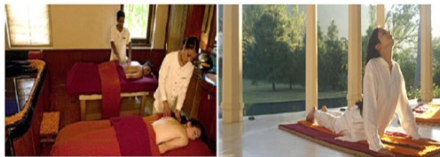




Flower bath

Relaxation area

A unique feature of spa is the large Couples' Suite, with its double Jacuzzi, steam, resting areas & treatments where guests can have private facial or body wrap. One of the highlights of Ananda is the Beauty Institute, offering variety of beauty treatments including facials, skin care, body wraps and aromatherapy. The spa complex also houses a boutique where arts, crafts & accessories specially designed & developed for the resort are available. Adjoining spa complex is an outdoor heated swimming pool & another Jacuzzi.



Couples treatment room

YOGA & MEDITATION

Yoga & meditation at Ananda helps to achieve a state of passive alertness that transcends the everyday level of thought and distraction.

YOGA PAVILION

A majestic open-air marbled floor shelter with gold leaf ceiling fresco, surrounded by a still & peaceful water pool at the south end of expansive palace lawn. The intimate setting is an excellent location to view the sunset & is ideal for individual instruction or private meditation.



Hawa mahal

Amphitheatre

HILL AMPHITHEATRE

Terraced Hill Theatre offers a view of foothills & Palace

PLANNING CONCEPT

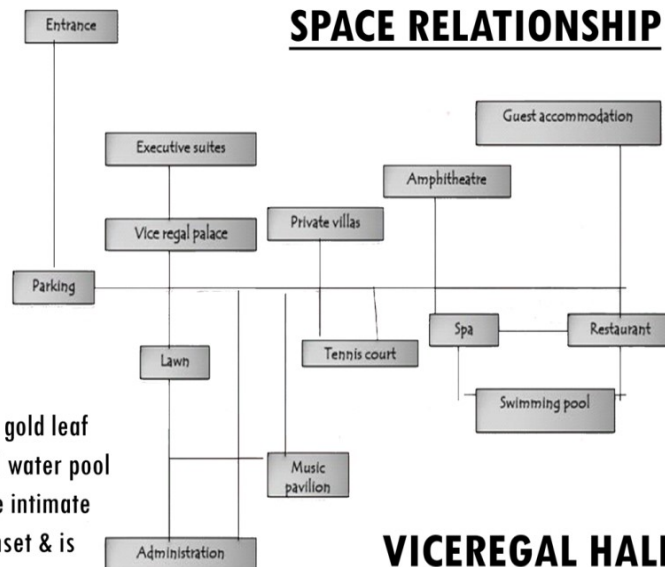
The architect Chandu Chaddha has conceptualized the fact that resort has the benefit of views of the holy Ganges & is located just kms away from the holy city of Rishikesh.

The calmness of the surroundings is reflected in the design as well. The two important factors are views and the palace.

SPA PHILOSOPHY

Ananda Spa is dedicated to restoring balance and harmonising energies through a holistic approach blending the healing principles of the East and West with a specific focus on Ayurveda along with contemporary spa technology. The Ananda Spa is dedicated to providing guests with a total immersion in discovering a well-being oriented lifestyle and a holistic therapy approach.. At the heart of the wellness focus is the integration of yoga, meditation and Ayurvedic philosophies along with purifying whole body therapies incorporating the five elements of nature thus creating harmony between the mind, body and spirit. This is the major activity zone of the resort which is also the highlight. It covers the area of 2400 sq. m. It is divided in two levels and moreover there are two blocks the spa block and the therapy block. The spa block is on two layers. The journey from the palace to the spa snakes through woods and manicured lawns. The reception of the spa is an airy atrium hall, where natural breeze flows through ancient pines and wild flowers. The spa consists three levels including a state-of-the-art gym-nasium overlooking gardens of the Palace & the valley of Rishikesh. The gymnasium has its own training master and a hall for aerobics.

SPACE RELATIONSHIP



VICEREGAL HALL

The Hall is ideal for more active forms of yoga. A tranquil hillside garden is tucked just outside the valley's ridge – a perfect refuge for Himalayan tea after an invigorating yoga session or peaceful meditation.

WINTER GARDEN

Adjacent to the Ma Anandamayi Abode, this outdoors area overlooks a dense grove of sal trees. The tranquillity of the spiritual leader's former presence enhances the yoga session.



Vice regal tea lounge



THE RESTAURANT

The restaurant is planned at the ground level itself, which has an octagonal plan. It also gets clean view of the valley. The total area of the restaurant is 500 sq metre. It has a capacity of 70 covers inside and 48 covers in open on the deck which is temporarily covered in case of high occupancy. Two smaller octagonal area acts as bar & the display kitchen if in case the visitors are interested in learning some cuisine. The bar has a capacity of 21 persons. The walls are in timber while the flooring is a mixture of marble and granite.



View of restaurant



View of dining

The ambience in the Restaurant is in complete harmony with the prolific use of Yantric Art. It is built in a grove of old Sal trees, overlooking the valley of Rishikesh. The light warmth of the early morning sun or the evening stars adds to the Rejuvenation Cuisine.

SCALE

The design has been done in keeping the hilly terrain and the formality of the palace grounds which is reflected in the facade of the resort. The finishing is also therefore in a secular fashion. The palace gains prime importance perched at higher level while the rest is at a lower hill. One cannot see the resort from the palace but vice-versa is true. The resort does not go beyond the G + 1 level although the rooms go much below following the hilly terrain.



Tree top deck

OTHER FACILITIES

BILLIARDS ROOM :- Ananda houses one of the oldest billiard tables (100 years old) in India. The charming room includes a spectator's gallery & fireplace. **THE LIBRARY-** The library houses the Maharaja's superb collection of literary & historical books on the Imperial era and is being augmented by contemporary topics, including Ayurveda, wellness, lifestyle, natural history, yoga, meditation and more.



CONFERENCE FACILITIES

BOARD ROOM I

Suitable for small groups of 10-16. On the guesthouse dining room, this 15-foot ceiling room with fireplace, enjoys ground floor location adjacent to grand staircase & reception.

BOARD ROOM II

Also suitable for small groups of 10-16. Glassed on four sides, this intimate setting commands impressive view of the Himalayas.

VICEREGAL HALL

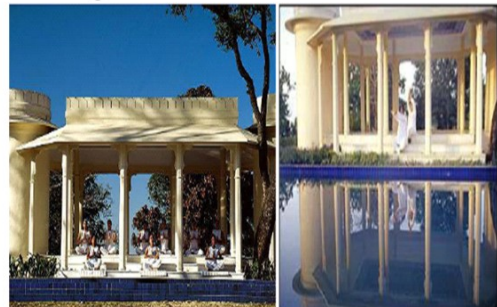
The Palace's recreation hall is largest meeting room at the spa with high ceilings & wooden floors. Ideal for meetings, presentation, exhibitions or small functions up to 140 people.

EQUIPMENT

All necessary equipment and infrastructure for executive meetings and conferences are made available. These include Data projector, Slide projector(35 mm), Flip charts, VCR/TV/computers, Cordless mikes/wire mikes, Sound system, OHP and white board

STRUCTURAL SYSTEM:

- The basic construction is done using R.C.C. columns and bricks.
- Roofing- trussed



FINISHES:

- Exterior facade of the all blocks is plastered and white washed.
- Roof tiles are used for roof.
- All the furniture is in teak wood.
- Vice regal palace has marble, granite flooring
- Interior is also white washed.

MUSIC PAVILION

Music pavilion is one part of major attractions which exists in the palace lawn Italian garden look-present at the music stand where two water channels follows down the slope, running parallel to the staircase. .

LANDSCAPE : (BY GEORGE GLORE)

- The landscaping in major areas is the vast open green spaces while the rest of the areas are natural forests a formal Italian garden look-present at music stand where two water channels follow down the slope, running parallel to the stair case.
- The basic landscape involves integration of natural slopes in the design.



- Tennis, squash courts & amphitheatre are part of the landscape.
- There are setbacks provided at regular intervals.
- Pathways are laid out with trees throughout.
- Bamboo trees at the entrance of spa create natural essence of the place.



PARKING

Vehicles are not allowed inside the resort. Vehicles can come up only to the palace where the visitors are required to get down & then the vehicles can be parked behind the palace, near the out-houses.

- The parking is in two portions one is outside the resort i.e. for 12 cars and other is inside the resort i.e. for 25 cars.
- The movements in the rest of the areas are through the golfing karts. There are charging points near main parking & at every entrance of different blocks.
- These battery cars are used due to 1) no noise pollution
2) as width of these cars is less, no need of wide passage.

SERVICE AREA

The staff area and the service area including generator and other services are at a lower level of the palace, which is separate from the resort. It is not a part of the main palace, it is only connected by a single road. It can also be approached from the outside.

FACILITIES

Contemporary amenities for the business or leisure traveler which are available :

- Two phone lines.
- Data port facilities.
- Satellite Television.
- Private Bar.
- Voice Mail.



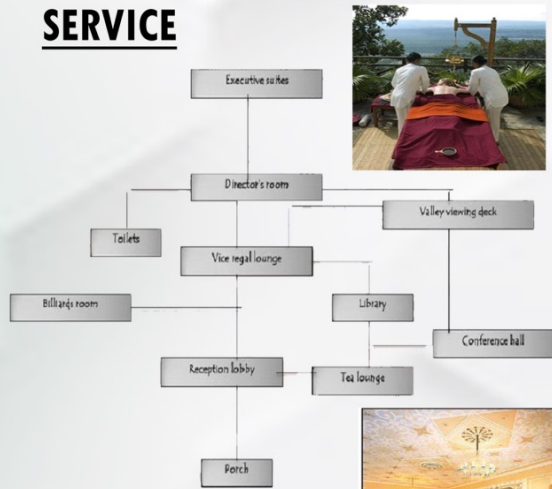
SERVICE

- 24 hour In – room dining
- 24 hour Laundry service
- Shoeshine service.
- Twice daily maid service.



Ananda offers several outdoor adventure options including trekking, white water rafting, nature walks, visiting the wild elephants of Rajaji National Park, & elephant photo safaris at nearby Chilla National Park. Ananda's six-hole, par-three course incorporates an independent driving range, perfect for private lessons. Small but perfectly formed, with golf turf imported from the United States for the greens and tees, the golf course on its Himalayan axle is nonetheless challenging. With highest standards of service, luxurious accommodations, innovative dining and breathtaking mountain views, Ananda is an internationally recognized oasis offering an enriching experience designed to restore, renew and revitalize.

SERVICE



AREA PROGRAM

The palace block is the main block of the resorts , the site has 2500 sq.m area of Maharaja of Tehri Garwal palace.

The palace block contains

- Reception
- Vice regal lounge
- Tea lounge
- Regal palace
- Billiards room
- Library
- Ballroom
- Conference hall
- Two indoor yoga venues
- Meditation hall
- Vice regal suite
- Executive suites
- Toilets, Stores pantry etc.

SPA

S.no.	Space	Area (Sq.m)
1	Reception	80
2	Boutique	120
3	Spa for Men	303
4	Women Spa	303
5	Gym	260
6	Beauty Clinic	80
7	Ayurvedic Centre	150
8	Naturopathy Centre	200
9	Lobby	25
Total		2042 Sq.m.

MEN'S & WOMEN'S SPA DETAIL

S.no.	Space	Area (Sq.m.)
1	Footbath	50
2	Massage	20
3	Sauna Bath	10
4	Chilled Pool	20
5	Change Room -2@15 each	30
6	Relax Room	35
7	Steam Room	10
8	Lobby	15
9	Store	18
10	Toilets	15
Total		305 Sq.m.

RESTAURANT

S.no.	Space	Area (Sq.m)
1	Lobby	25
2	Bar	55
3	Coffee Shop	70
4	Restaurant	180
5	Kitchen	352
6	Wooden Storage	50
7	Toilet	18
Total		735 Sq.m.

KITCHEN-BREAKUP

S.no.	Space	Area (Sq.m)
1	Pantry + Washing Area	40
2	Cooling Area	80
3	Fruit Juice Section	24
4	Chef Room	16
5	Bakery Section	48
6	Defreeze	40
7	Store	30
8	Staff Room	24
9	Housekeeping	30
Total		332 Sq.m.

ACCOMMODATIONS

S.no.	Space	Area (Sq.m)
1	Guest Rooms- 70 @ 44 Sq.m. each	3080
2	Housekeeping- 5 @ 27 Sq.m. each	135
Total		3215 Sq.m.

ADMINISTRATION

S.no.	Space	Area (Sq.m.)
1	HR Room (Head Of Resort)	55
2	Administration	50
3	Store	15
4	Laundry	96
5	Kitchen	40
6	Staff Dining	55
7	Toilets - 2 @ 17 Sq.m. each	34
8	Games Room	50
9	T.T. Room	22
10	Male Lockers	50
11	Female Lockers	70
12	Training Room	55
13	Common Room	40
14	Store	15
15	Staff Room	20
Total		850 Sq.m.



AREA DETAILS

LITERATURE **STUDY**

THE WINDFLOWER SPA & RESORT, KERALA

Name Of Project : The Wind Flower Spa & Resorts

Completion : 2011

Architect : Ar. CP.RajOwner ; Mr. GiriRaj

Structure Type : Pitched Roof Building

Location : Vythiri, wayanad Kerala

No Of Floor : 1

Area Of Site : 25 Acres

Structure Material : RCC

Function : Residential Spa Resort

Type : typical Kerala style

APPROACH :

BY TRAIN - 2HRS TO KOZHIKODE
RAILWAY STATION

BY BUS - 2HRS FROM KOZHIKODE

BY AIR - 2:30 HRS TO KOZHIKODE
INTERNATIONAL AIRPORT

AREA :- 25 ACRES



- 1.All the cottages & the restaurant have the view to chembara hills.
- 2.Site is countoured such that some spaces may get privacy even though they are not separated by walls such as pool.
- 3.Vehicular movement is restricted up to the administrative block such that pollution can be avoided.
- 4.Electric club cars are used for taking the visitors to cottages and services.
- 5.The cottages are arranged in such a way that it may affect privacy.



COFFEE PLANTATION



VIEW TO CHEMBARA PEAK



VIEW TO CHEMBARA PEAK



CHEMBARA PEAK

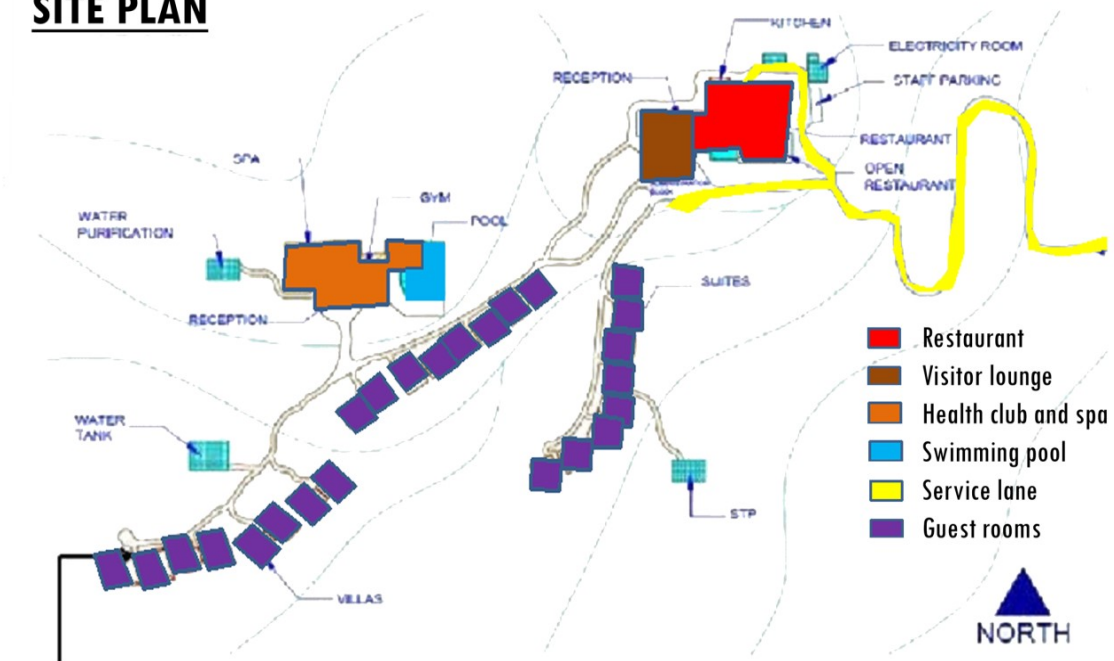


CONCEPT

1. Basic concept of the club is to give more human comfort inside the forest with local materials.
2. It is designed in linear form to maintain privacy of the rooms.
3. Passive cooling has been adopted with double tiling roofing systems.
4. It has extended roof to avoid water inside the rooms.
5. Local architecture has been adopted, pitched roofs & use of teak wood shows the typical kerala architecture.
6. Wooden flooring has been used to maintain the passive cooling.
7. Wooden cladding, hollow bricks, mangalore tiles & stone flooring provide more natural environment.



SITE PLAN

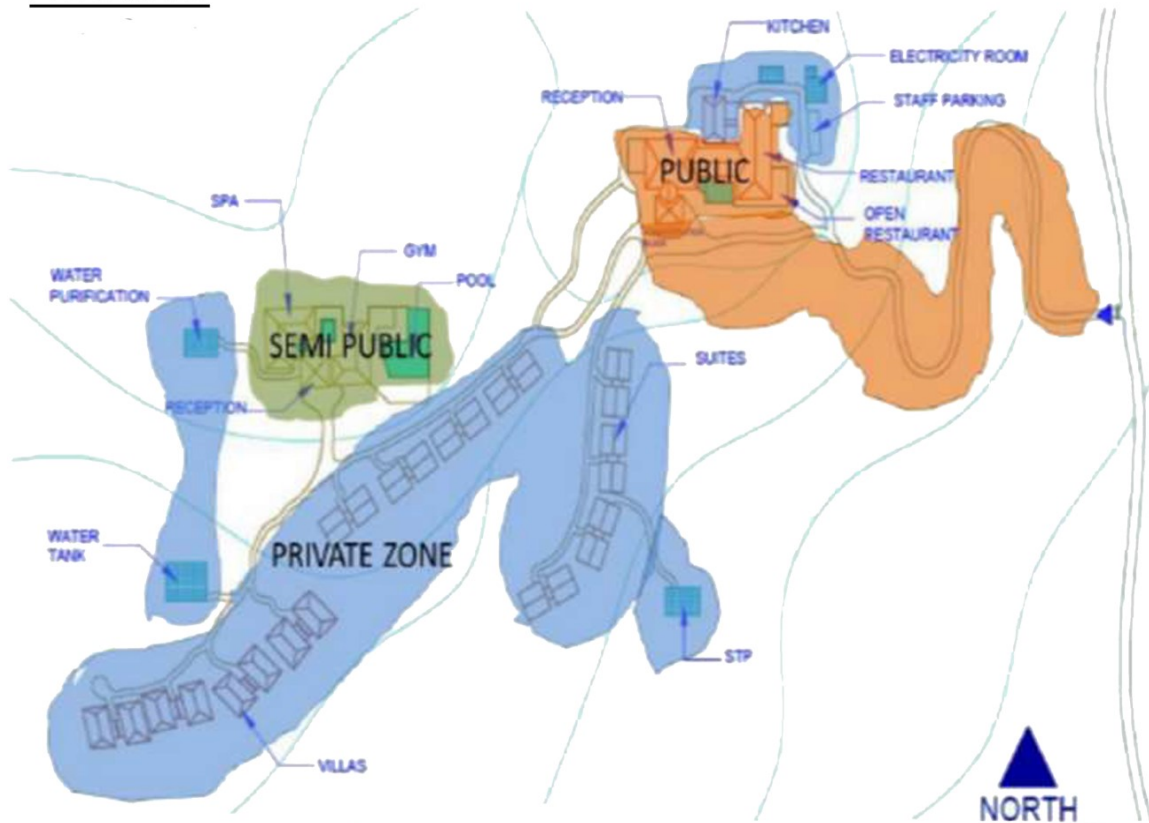


*It is rcc framed structure which is constructed in local Kerala style, has sloping roof, on that has applied local mung low tiles to give traditional look of Kerala.

•As a form of landscape & pedestal movement paving stone block used, It has linear types of planning.

- ☒ Linear form of planning is better to occupy the site area.
- ☒ This types of form does not keep negative space.
- ☒ Balcony has been provided to enjoy the every moment of the resort.
- ☒ Each room is well occupied.
- ☒ Every room having balcony which leading toward hill.

ZONING



VARIOUS ZONES OF RESORT



FACILITIES



ROOM

1. Bathrobes
2. King beds and twin beds.
3. Individually controlled air conditioning.
4. Hair dryer in bathrooms.
5. Electric safe
6. Electronic and tea making facility.
7. Laundry and express laundry service.
8. High ceilings which enhances the sense of space.
9. Kerala themed architecture with Indonesian furniture and dark wooden floors.
10. Every room is an independent relaxation or recreational hub that is courtesy free.
11. Wi-fi, cable tv's & dvd player.



**BANQUET HALL WITH
SOUND PROOFING
MATERIAL**

OUTDOOR

1. Swimming pool
2. Restaurant with lounge.
3. Activity room with board games.
4. Steam, sauna & chilled shower.
5. Plantation treks.
6. Outdoor jacuzzi.



BUSINESS

1. Technologically equipped conference rooms.
2. Boardrooms with a banquet hall.
3. Soundproofing materials also provided.



SERVICES

SWIM:

Provided 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 & long mountain walks. Visitors can learn all about tea, coffee & 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 & signature part of windflower resort.



STEAM BATH



SWIMMING POOL



SPA



OPEN SHOWER



SPA

1. Spa is situated amidst coffee, pepper & cardamom trees.
2. Offers treatments that owe lineage to the hallowed ayurvedic & balinese european schools of therapeutic massage and abhyanga massage, it is a full body massage.
3. Or inhale the fragrance of saffron and milk as small muslin bags of red rice purify pores in shastika shali pinda sweda, which is a luxurious massage.
4. Steam bath is also provided.

RESTAURANT

1. Provided multi cuisine restaurant with stunning landscape views
2. In the restaurant 68 people can sit together.
3. Wooden flooring is provided in restaurant.
4. Three different platform for making three different types of food.
5. Variety in kitchen, they are indian, chinese, and continental.
6. Ceiling is done by pop.
7. Kitchen is connected to the service stair.
8. 24 tables are there, including 4, 5 and 7 seated.

CONCEPT AND CONCEPTUAL ANALYSIS

1. The basic concept of the windflower is to give more human comfort inside the forest with eco-friendly materials.
2. The resort is partly elaborated with the traditional materials.
3. It has designed in linear form to maintain the privacy of the rooms.
4. The anti passive cooling has been adopted with double tiling roofing systems.
5. It has extended roof to avoid water in side the room, each & every cottage have balcony which gives direct view of the chemra mountain.
6. Local architecture has been adopted, pitched roof and use of teak wood shows the typical kerala architecture.
7. Wooden flooring has been used to maintain the passive cooling as well as blinds has been used.
8. Wooden cladding, hollow bricks, mangalore trees, stone flooring, more natural environments.



OUTDOOR CHESS

SNOOKERING

SEWAGE TREATMENT PLANT

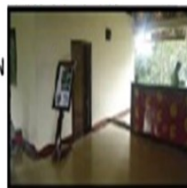
1. For sewage treatment mainly two pipes are there.
2. Soil pipe which collects water from all rooms & drainage pipe which collects water from kitchen and wash basin.
3. Both are collected to a tank and from there they are filtered.
4. separates solid waste and water waste.
5. solid waste directly goes to the tank.
6. Water waste then goes through carbon-salt-sand filter.
7. After chlorination it is used for gardening.
8. Capacity is 50 KLTS.

RECEPTION AND ADMINISTRATION

A semi open area on entrance lobby administration is on both side of the reception.

RECEPTION

RECEPTION



WATER PURIFICATION PLANT

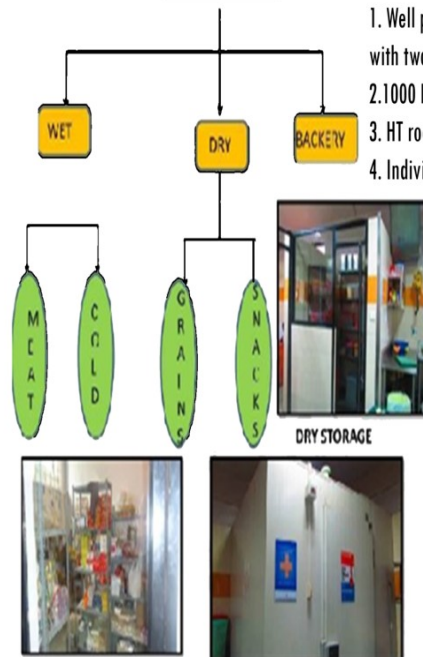


FIRE EXTINGUISHER

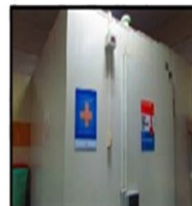


CLUB CAR

STORAGE



SNACKS STORAGE



COLD STORAGE



DRY STORAGE

ELECTRICITY

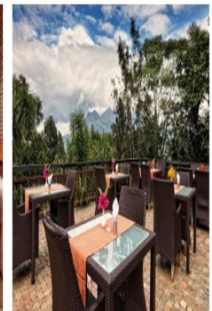
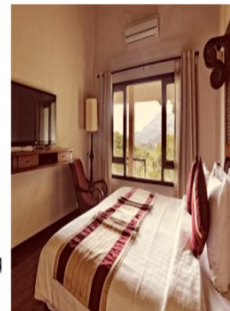
1. Well planned kseb electricity system with two generator rooms.
2. 1000 KW capacity & transformer is there.
3. HT room is there.
4. Individual room ac is used.



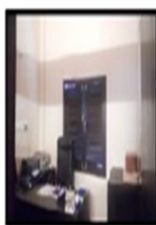
AC SYSTEM



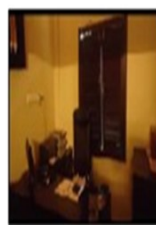
REST ROOM WITH TOILET



STAFF CAFETERIA



MD CABIN



GM CABIN



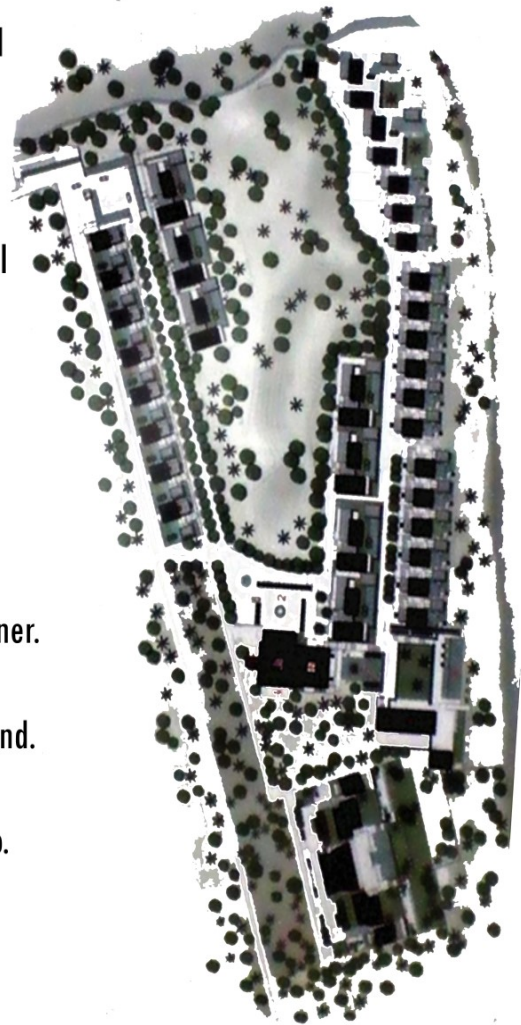
ALILA VILLAS SOORI - BALI

- The resort reflects on its privileged location by adopting the predominant use of locally sourced materials, together with a careful integration of indigenous motifs, forms & elements.
- The result being a harmonious balance between the clean, contemporary lines of the architecture and the soothing tones and textures of the internal & external finishes & finishing.
- The luxurious villas are perfectly positioned to enjoy panoramic ocean views and breezes. Multiple levels of interconnected space flow from the arrival courtyard right onto the beach.



NOTEWORTHY

Eco-friendly - the resort is Green Globe certified, recycles extensively and is closely involved with green initiative and community support programs. The open-air restaurant, Cotta, serves up a tasting-style breakfast with Indonesian dishes for lunch & dinner. For a more upscale dining experience, Ombak has a European-influenced menu with romantic dinners in mind. Spa Alila offers, in addition to top notch treatments for mom & dad, also have a options for the little ones also. Other amenities include yoga classes, fitness center, library, complimentary wifi throughout, 25 ft infinity pool, bicycles, gift shop.

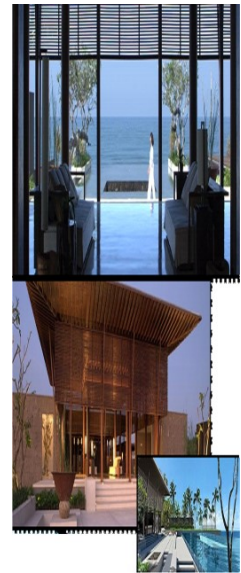


LOCATION

Banjar Dukuh, Desa Kelating, Kerambitan, Tabanan, Bali, 82161
Alila Villas Soori is about 1 1/2 hrs from the International Airport and 45 mins from Seminyak



- Alila Villas Soori is located just 10 minutes from Tanah Lot Temple, one of Bali's most sacred and most visited temples, and less than an hour from Ngurah Rai International Airport. It lies within the Tabanan Regency, one of Bali's most fertile and picturesque regions.
 - Here, the landscape ranges from volcanic mountains and verdant rice terraces to beautiful black-sand beaches overlooking the Indian Ocean, surrounding you with beautiful panoramic vistas.
 - Five kilometers east of Tabanan, in the Abiantuwung village, is a famous dance school where both Balinese & foreigners can take classes.
- A mixture of villa types were sensitively designed and careful consideration was given to each villa plan and its built form & details to create comfortable, energy efficient resort style living.



Comprising a top tier boutique hotel, a destination sap and 2 restaurants

SOLAR ORIENTATION

- The major building orientation is towards the north-south direction. Some are tilted a few degrees to the east to incorporate the morning sun.
- Openings were maximized on north-south face to encourage filtered natural light into the building whilst minimizing large openings on west side to reduce heat gain in daytime.
- Provision of overhanging roof eaves, roof screen systems & deep ledges were employed to reduce heat from direct sunlight



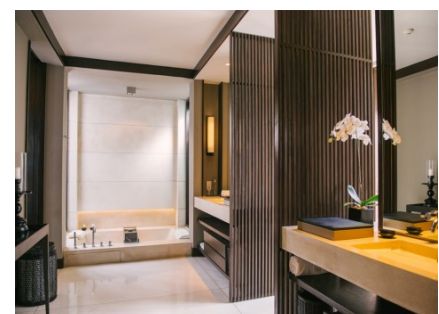
RATES

One Bedroom Villas \$655 / Three Bedroom Residence \$2120 / Five Bedroom Residence \$4235 / Soori Estate \$10,000
Rates are per night and don't include breakfast, tax or service charges.

Contact Alila directly for Special Offers!

NEED TO KNOW

Alila Villas Soori are planned so well that it is ideal for both families and honeymooners alike. The grounds are ideal for playing and swimming with children, and if you prefer, the private pool villas allow the ultimate in privacy and seclusion. Paras kelating, a light grey volcanic stone is applied to feature walls along the pool edge which combine with soft hues of beige and warm grey textured paint to complete the palette.



AIR MOVEMENT

- Operable windows are provided on at least two sides of each room plan, and on each end of the villa to encourage effective cross ventilation and to bring in natural air to the interior spaces
- Cross ventilation to all room interiors would provide natural cooling and sufficient fresh air intake in room to minimize CO2 level, thus reducing the reliance on air conditioning systems.
- In addition to the siting aspect and layout design of the villas, several other design elements and materials were intentionally selected to control the buildings on a micro climate level: provision of a 2nd layer of timer trellis on villa roof would minimize direct heat absorption to the roof itself; the actual roof incorporates additional insulation to further reduce heat gain internally.
- Material finishes used are 'cool colors' in both the paint and stone selections to minimize the absorption of thermal energy, local materials selected naturally respond to the local climate
- Location of planters and position of low shrubs and taller trees are aptly placed to maximize wind flow through villa and common spaces, thus avoiding creation of wind barriers.

OCEAN FRONT VILLA

The use of timber flows in to the external, where timber screens wrap a private bale overlooking a private plunge pool lined with sukabumi stone.

SITE AREA 28327 SQ. M ALLOWABLE FAR 0.5

MAX. GROUND COVERAGE 30

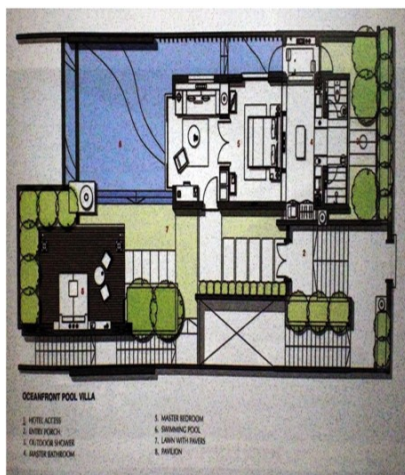
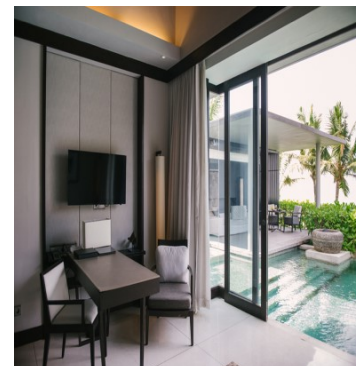
TOTAL BUILTUP AREA 5734.6 SQ. M TOTAL PARKING 30 ECS

IN THE NEIGHBORHOOD...

Explore Bali's rich heritage with a trek or a cycling trip, a round of golf on the Greg Norman-designed course, or an afternoon of indulgence at Spa Alila, the zenith of this secluded sanctuary.

There is also surfing and horseback riding on the black sand beaches.

Just 15 minutes away is Tanah Lot temple, one of Bali's most sacred and most visited temple.



It sits above the beachfront pool villa and uses a cantilevered pool edge and linear planter to maintain privacy. An abundance of planters, a large pool and shaded pavilion are integrated to 'cool' the villa while full height sliding doors and windows open up for natural light and ventilation. The villas are characterized by the interplay of materials which flow from the interior to exterior spaces. Smooth Terrazzo walls and floors are combined with hand brushed natural timber screens, soft silk upholstery and custom designed dark stained timber furniture to form a serene internal space.

CONCEPT

INTRODUCTION

A RESORT IS A PLACE WHERE THERE IS ACCOMODATION SERVICE WITH BIG OPEN SPACES FOR RELAXATION & FACILITIES FOR LEISURE LOCATED OUTSIDE OF A CROWDED CITY OR CENTRE. THE WELLNESS RESORT OFFERS MULTI-DIMENSIONAL SERVICES, THE WELLNESS RESORT OFFERS TIME & SQUARE FOR GUESTS TO SLOW DOWN REST AND RECHARGE APART FROM PROVIDING EXERCISE, NUTRITION, THERAPIES & YOGA, ETC.



WELLNESS RELATES TO MAINTAINING A HEALTHY BODY WHICH CAN BE ATTAINED THROUGH EXERCISE, EATING WELL & GETTING A HEALTHY SLEEP, TAKING STEPS TO PREVENT ILLNESS. "WELLNESS IS A STATE OF COMPLETE PHYSICAL, MENTAL & NOT MERELY THE ABSENCE OF DISEASE OR INFIRMITY".

-WHO

IN A WELLNESS CENTRE THE FOCUS IS ON THREE MAIN ASPECTS THAT A HUMAN BODY COMPRISES OF:- THE SOUL, THE MIND, & THE BODY ITSELF WHICH ARE TREATED AND MAINTAINED IN A VERY GOOD WAY FOR WHICH VARIOUS TECHNIQUES AND METHODS ARE BROUGHT UP TO USE LIKE REIKI, ACCUPUNCTURE, ETC.

Need of the Project

IN THE PRESENT CONTEXT THERE IS LESS AVAILABILITY OF THESE TYPE OF SERVICES IN THE SELECTED AREA AND TALKING IN TERMS OF WELLNESS THERE IS HARDLY A FULLY FLOURISHED WELLNESS CENTER IN MADHYA PRADESH SO THE PROJECT WILL COPE WITH ALL THE REQUIREMENTS IN THE GIVEN AREA AS WELL AS OF THE WHOLE COUNTRY, ADDING TO IT, IT IS ALSO A RELIGIOUS PLACE SO THE RESPONSE WILL BE GOOD AS BEING A TOURIST DESTINATION IT WILL GIVE THE BEST OUTCOMES

JNDJAN FACILITY

IN INDIA THERE IS NOT MUCH DESTINATIONS WHICH SERVE ALL ASPECTS OF HOLISTIC HEALING & ALL TECHNIQUES OF WELLNESS ARE NOT USED IN MOST OF THE SPAS AND WELLNESS CENTRES, APART FROM THIS AROUND 70% OF TOTAL WELLNESS CENTRES ARE IN THE SOUTHERNMOST PARTS IN KERALA, MUNNAR ETC BUT VERY LESS IN THE PROPOSED REGION.

ABOUT THE CITY

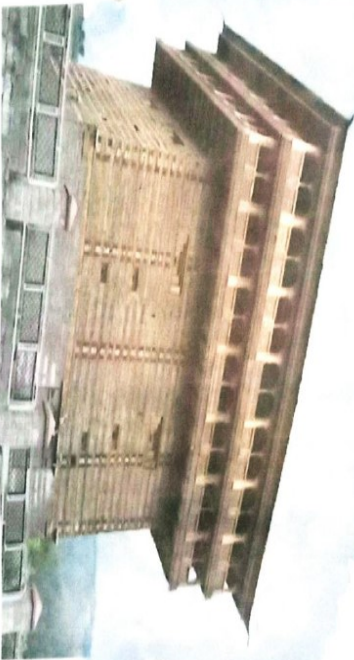
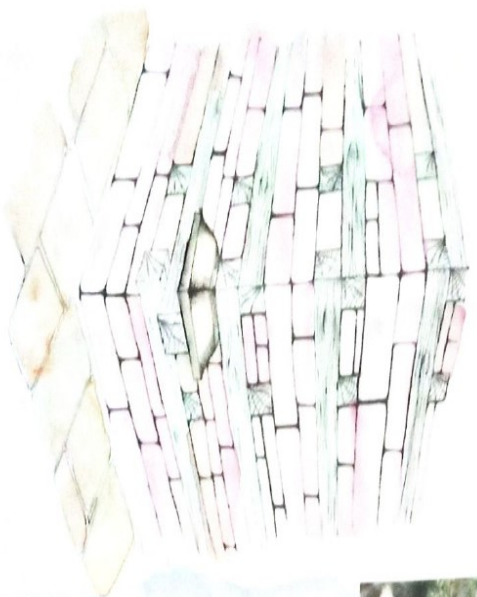
KHANDWA IS A CITY & A NAGAR NIGAM IN THE NIMAR REGION OF M.P, INDIA. IT IS THE ADMINISTRATIVE HEADQUARTERS OF KHANDWA DISTRICT, FORMERLY KNOWN AS EAST NIMAR DISTRICT. KHANDWA IS AN ANCIENT CITY, WITH MANY PLACES OF WORSHIP, LIKE MANY OTHER CITIES IN INDIA. MOST TEMPLES ARE HINDU OR JAIN. DURING THE 12TH CENTURY CE, IT WAS A CENTRE OF JAINISM.



TECHNOLOGY & TECHNIQUES

THE CHINESE GARDEN A LANDSCAPE GARDEN STYLE IS BUILT FOR PLEASURE AND TO IMPRESS, MADE FOR REFLECTION AND ESCAPE FROM THE OUTSIDE WORLD. THEY CREATE AN IDEALIZED MINIATURE LANDSCAPE, WHICH IS MEANT TO EXPRESS THE HARMONY THAT SHOULD EXIST BETWEEN MAN AND NATURE.

CHINESE GARDEN

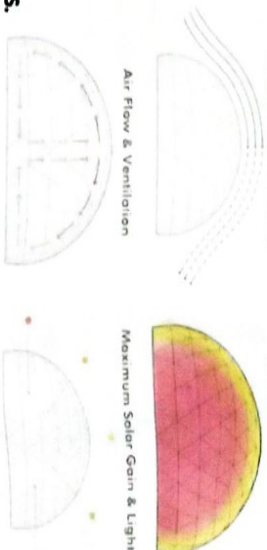


Wind & Storm Resistance

Air Flow & Ventilation

Uniform Temperature

Maximum Solar Gain & Light



KATH-KUNI ARCHITECTURE
KATH-KUNI: A TRADITIONAL CONSTRUCTION TECHNIQUE WAS DEVISED KEEPING SEISMIC ACTIVITY, TOPOGRAPHY, ENVIRONMENT, CLIMATE, NATIVE MATERIALS AND CULTURAL LANDSCAPE IN PERSPECTIVE. THE PRIMARY BUILDING MATERIALS ARE STONE (IGNEOUS), WOOD AND SLATE (METAMORPHIC). STONE, USUALLY GRANITE, WHICH IS GOOD IN COMPRESSION IS USED FOR FOUNDATIONAL PURPOSES. THE WALLS COMPRISE OF STONE AND WOOD WHICH ARE ALTERNATIVELY STACKED UP, ONE OVER ANOTHER. WOOD WHICH IS GOOD IN COMPRESSION AND TENSION ARE INTERLOCKED IN THE CORNERS WITH OTHER WOODEN MEMBERS.

PYRAMIDS

DESIGN OF A PYRAMID CONSISTS OF THREE-D TRIANGLES, WITH LARGE BASES TAPERING TOWARDS TOP AND FOUR FACES WITH AN ACCURATE OR 'GOLDEN ANGLE OF INCLINATION' AT 51° 51' 51". DUE TO ITS SHAPE AND ANGLE THE STRUCTURE GETS ALIGNED PERFECTLY TO THE EARTH'S MAGNETIC FIELD THERE BY MAKING IT THE GREATEST RECEIVER & TRANSMITTER OF COSMIC ENERGY. 'PYRO' MEANS 'FIRE' OR ENERGY AND 'AMID' MEANS 'CENTRE' OR WITHIN; HENCE,



GEODESIC DOMES

GEODESIC DOME-SHAPED STRUCTURES OFFER MANY BENEFITS OVER OTHER STYLES. GEODESIC DOMES ARE CREATED BY CONNECTING TRIANGLES TOGETHER IN A DOME SHAPE, USING PRECISE ANGLES AND MEASUREMENTS. THE NUMBER ONE BENEFIT OF THE GEODESIC DOME STRUCTURE IS THE STRENGTH OF THE DOME. THEY ARE MUCH STRONGER THAN RECTANGULAR BUILDINGS AND HAVE BEEN KNOWN TO SURVIVE HURRICANES, TORNADOES, AND EARTHQUAKES. NO INTERNAL SUPPORTS ARE NEEDED BECAUSE THE TRIANGLES DISTRIBUTE WEIGHT EVENLY THROUGHOUT THE STRUCTURE.

HIGH FACILITY RESORT

DIVISION OF SITE

SITE IS DIVIDED INTO THREE ZONES

- PUBLIC ZONE
- SEMI-PUBLIC ZONE
- PRIVATE ZONE



GUIDED BY:- VERSHA VERMA

THESIS BY:- ANOOP SINGH RAJAWAT

5TH YEAR

B.Arch 2019-20

HORIZONTAL STACKING

MEDITATION BLOCK

THIS IS THE MEDITATIONAL BLOCK IN PYRAMIDAL FORM WHICH SERVES ALL AMENITIES RELATED TO MEDITATION.

RESTAURANT

THIS IS THE MULTI CUISINE RESTAURANT CONTAINING BAR AND KITCHEN AREA AND WASHROOMS TOO.

SPA AND WELLNESS

THIS BLOCK CONTAINS SPA AND WELLNESS AREA CONTAINING TREATMENT ROOMS, LOCKER ROOMS, CHANGING ROOMS, MASSAGE AND THERAPY AREAS ETC.

MAIN BLOCK

IT CONTAINS OFFICE AND ADMINISTRATIVE AREAS, ACCOMPANIED WITH MEETING ROOMS, BANQUET HALLS, A KITCHEN, GYM, PUBLIC TOILETS WITH DISABLED FACILITIES.

IT CONTAINS VARIOUS DIFFERENT RESIDENTIAL UNITS WITH DIFFERENT SERVICES, PRESIDENTIAL VILLAS, PREMIER VILLAS, PREMIER ROOMS COMES UNDER THIS CATEGORY



SPA & WELLNESS AREA



MAIN BLOCK

VERTICAL STACKING



MEDITATIONAL PYRAMID



RESTAURANTS, VILLAS



ACCOMMODATION BLOCKS

HIGH FACILITY RESORT

REQUIREMENTS OF RESORT

- A. ADMINISTRATION, RECEPTION, WAITING OFFICE
- B. DELUXE VILLA
- C. SUPERIOR VILLA
- D. PRESIDENTIAL VILLA
- E. HONEYMOON POOL VILLA
- F. BAR
- G. INDOOR OUTDOOR GAMES
- H. BANQUET HALL
- I. WEDDING LAWN
- J. SPA AND SALON
- K. RESTAURANT
- L. RETAIL STORES
- M. MEDITATIONAL AREA
- N. SWIMMING POOL
- O. AMPHITHEATRE
- P. GYMNASIUM
- Q. WATER SPORTS
- R. PARKING
- S. WATER TANK AND PLUMP ROOM



DESIGN BY: VEDIKA VERMA

THESIS BY: ANSHU JONHI SALLIMAT

1ST YEAR

8.08.2019-21

CONCEPT

THE **TRISHULA** SYMBOLISM IS POLYVALENT & RICH. IT IS BELIEVED BY THE GOD SHIVA AND IS SAID TO HAVE BEEN USED TO SEVERE THE ORIGINAL HEAD OF GANESHA. DURGA ALSO HOLDS A TRISHULA, AS ONE OF HER MANY

WEAPONS. THE THREE POINTS HAVE VARIOUS MEANINGS & SIGNIFICANCE, AND COMMON TO THE HINDU RELIGION, HAVE MANY STORIES BEHIND THEM. THEY ARE COMMONLY SAID TO REPRESENT VARIOUS TRINITIES —

1. CREATION 2. MAINTENANCE 3. DESTRUCTION

OM IS A SACRED SOUND AND A SPIRITUAL SYMBOL IN INDIAN RELIGIONS. IN HINDUISM, IT SUMMERS THE ESSENCE OF THE ULTIMATE REALITY, CONSCIOUSNESS OR 'ATMAN'. MORE BROADLY, IT IS A SYLLABLE THAT IS CHANTED EITHER INDEPENDENTLY OR BEFORE A SPIRITUAL PRACTICE IN JAINISM, BUDDHISM, AND JANTSE. THE MEANING AND CONNOTATIONS OF OM VARY BETWEEN THE DIFFERENT SCHOOLS WITHIN AND ACROSS THE VARIOUS TRADITIONS. IT IS PART OF THE MONOGRAMS FOUND IN ANCIENT & MEDIEVAL-ERA MANUSCRIPTS, TEMPLES, HOUSES & SPIRITUAL RETREATS.

THE **LOK SINGHA** COMES FROM SANSKRIT MEANING "CONSTITUTE TO JAIL BEING" OR "ADORNED". IN HINDUISM, THE SYMBOL WITH ARMS POINTING CIRCULARLY IS CALLED **CHAKRA**, SYMBOLIZING **CHAKRA** ("SUN"), PROSPERITY AND GOOD LUCK. IT IS A GEOMETRICAL FIGURE AND AN ANCIENT RELIGIOUS ICON. THE **SHAKHA** IS AN ICON WHICH IS USUALLY FOUND IN BOTH HINDU AND THE MUSLIM WORLD.

FORM EVOLUTION



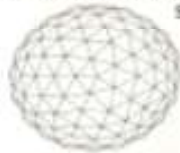
RECTANGLE EVOLVED FROM THE EDGE 6-6 PROJECTION FOR ACCOMMODATION SPACES.



ALL THE MAJOR SHAPES AND FORMS OF THE PROJECT ARE DERIVED FROM THE CONCEPT ITSELF "THE BUCKMINSTER FULLERENE".



AND ITS STRUCTURE TOTALLY RESEMBLES A SOCCER BALL AND ITS MOLECULAR STRUCTURE WHICH IS THE GEODESIC DOME. THERE ARE VARIOUS GEOMETRICAL SHAPES IN THE STRUCTURE ITSELF LIKE HEXAGON, PENTAGON, RECTANGLE, TRIANGLE AND MANY OTHER SHAPES.



DOME EVOLVED FROM THE GEODESIC DOME STRUCTURE OF FULLERENE MOLECULE WHICH ACTS AS THE SPA BLOCK AND TREATMENT CENTER.



TRIANGLE DERIVED FROM THE PROJECTION 3-6 OF THE PENTAGONAL RING WHICH ACTS AS MEDITATION PYRAMID.



COMBINATION OF TWO RECTANGLES & A PENTAGON EVOLVED FROM PENTAGONAL RING STRUCTURE AND ACTS AS MAIN

CONCEPTUAL VIEWS

CHINESE GARDEN



MEDITATION PYRAMID



LANDSCAPE COMPONENT

WATERBODIES - FISHING TROUGH AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN

WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN
WATERBODIES AND FOUNTAIN - WATERBODIES AND FOUNTAIN

ACCOMMODATION UNITS



RESTAURANT BY RAIN-RAIN



SITE ACCESSIBILITY

The site is accessible from two sides from the main road as from the western side and also from the southern side and public transport is mainly used to come to the site as the private car is the best one. Road bus stand is the central site and the main target is to establish city central railway with various junctions but it has been closed due to lack of services and people who travelling.

ON SITE CONSIDERATIONS

SCOPE

The main scope is the western side at the back of the site and there is a little bit of slope road is due to the water drain ground that is north western direction.

LANDSCAPE

The site is located in the best protected and healthy of the city. It is near the water resources but there is a small lake that runs towards the city center from the western side of the site and then to the city.

VEGETATION

The land is fertile there because of the way for water resources and small pond is built which is present there so there is abundant vegetation and many types of trees and plants there.



PERMISSIBLE SLOPE
PERMISSIBLE DRAINAGE COVERAGE 30%
PROJECT CLIENT MOUNTAIN PROBLEM SOLUTION
ROADS

GUIDED BY: MOUNTAIN PROBLEM SOLUTION

Western bus stand, Road bus stand

Western airport, Eastern airport

Proposed Site For HIGH FACILITY RESORT



FLOOR PLANS

HIGH FACILITY RESORT

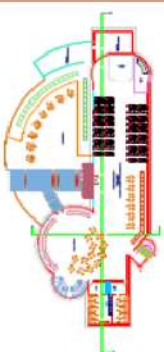


SHEET TITLE: SITE PLAN

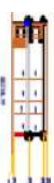
SUBMITTED BY-
ANOOP SINGH RAJAWAT

HIGH FACILITY RESORT

GROUND FLOOR PLAN



FIRST FLOOR PLAN



ARCHITECTURAL-THESIS

SHEET TITLE: MARRIAGE LAWN

THESIS GUIDE :
AR VERSHA VERMA

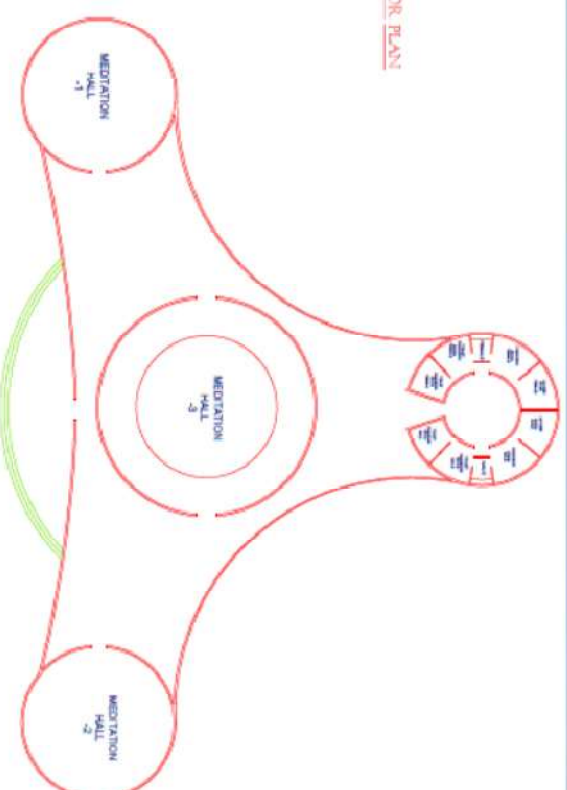
SUBMITTED BY:

ANOO P SINGH RAJAWAT

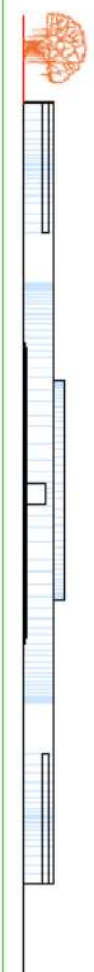
2019-2020

HIGH FACILITY RESORT

GROUND FLOOR PLAN



FRONT ELEVATION



ARCHITECTURAL-THESIS

SHEET TITLE:
MEDITATIONAL BLOCK

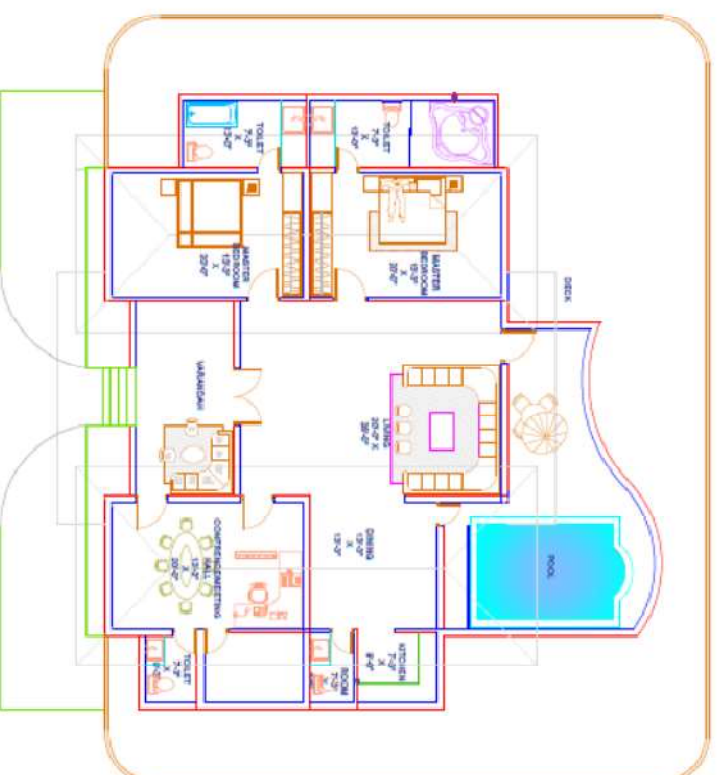
THESIS GUIDE :

AR VERSHA VERMA

SUBMITTED BY:

ANOO P SINGH RAJAWAT

HIGH FACILITY RESORT



SHEET TITLE: PRESIDENTIAL VILLA

SUBMITTED BY:

ANOO P SINGH RAJAWAT

Activating Mind

2019-2020

HIGH FACILITY RESORT



ARCHITECTURAL-THESIS

SHEET TITLE: GROUND FLOOR PLAN

THESIS GUIDE :
AR VERSHA VERMA

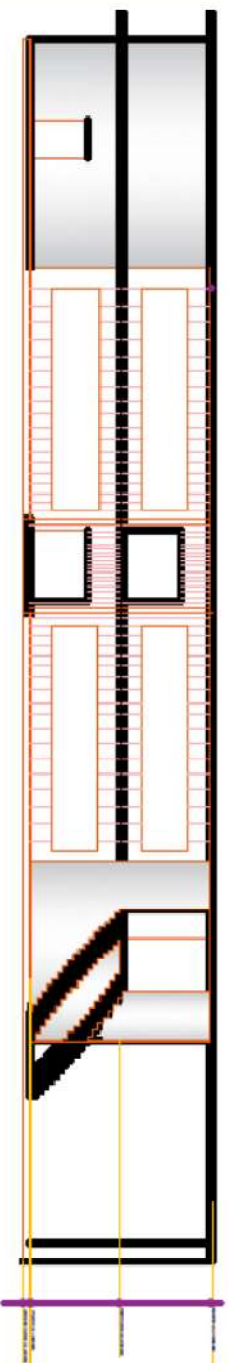
SUBMITTED BY :

ANOO P SINGH RAJAWAT

Active to Mind

2019-2020

HIGH FACILITY RESORT



FRONT ELEVATION

ARCHITECTURAL-THESIS

SHEET TITLE: FRONT ELEVATION

THESIS GUIDE :
AR VERSHA VERMA

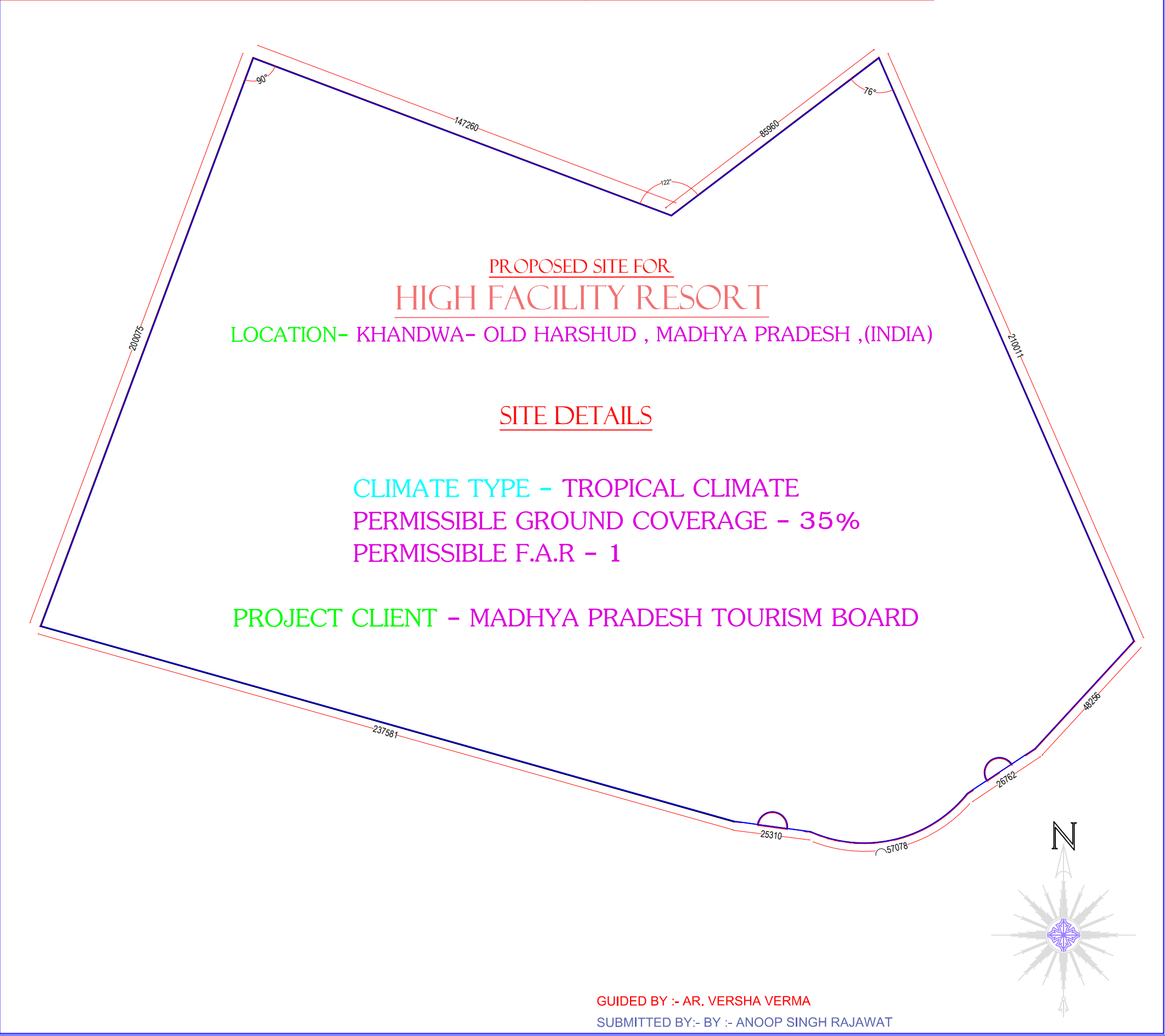
SUBMITTED BY:

ANOO P SINGH RAJAWAT

Activate Windows

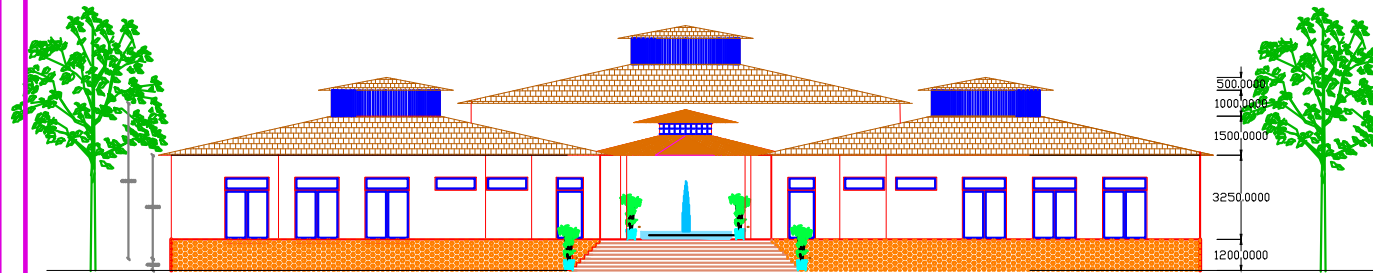


GOOD
MORNING
&
WELCOME

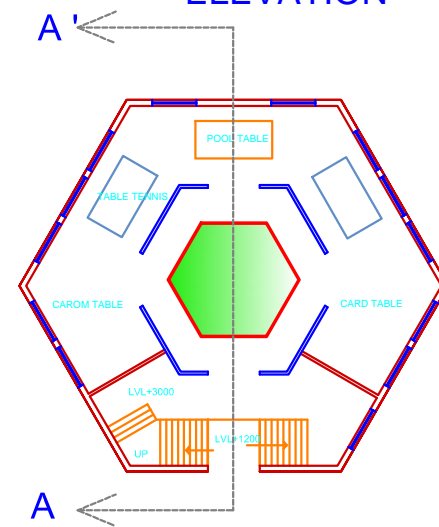


ADMIN BLOCK , MULTIPURPOSE HALL AND RECREATION

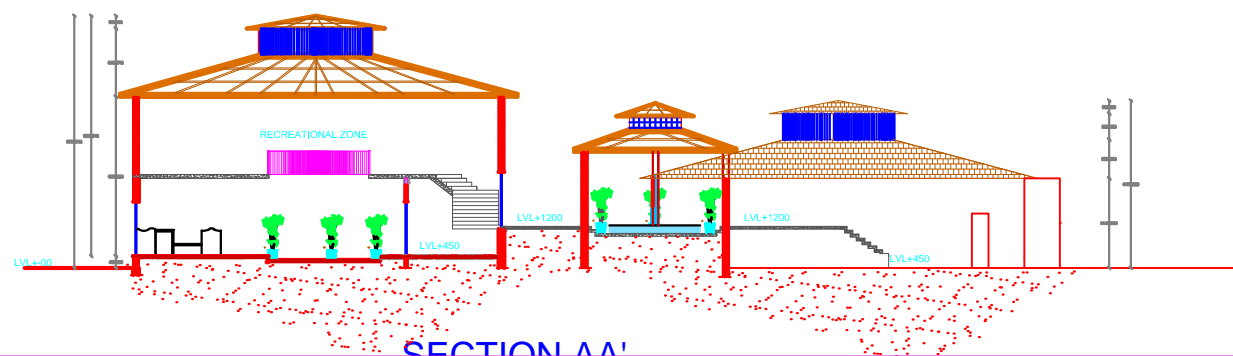
SHEET -01



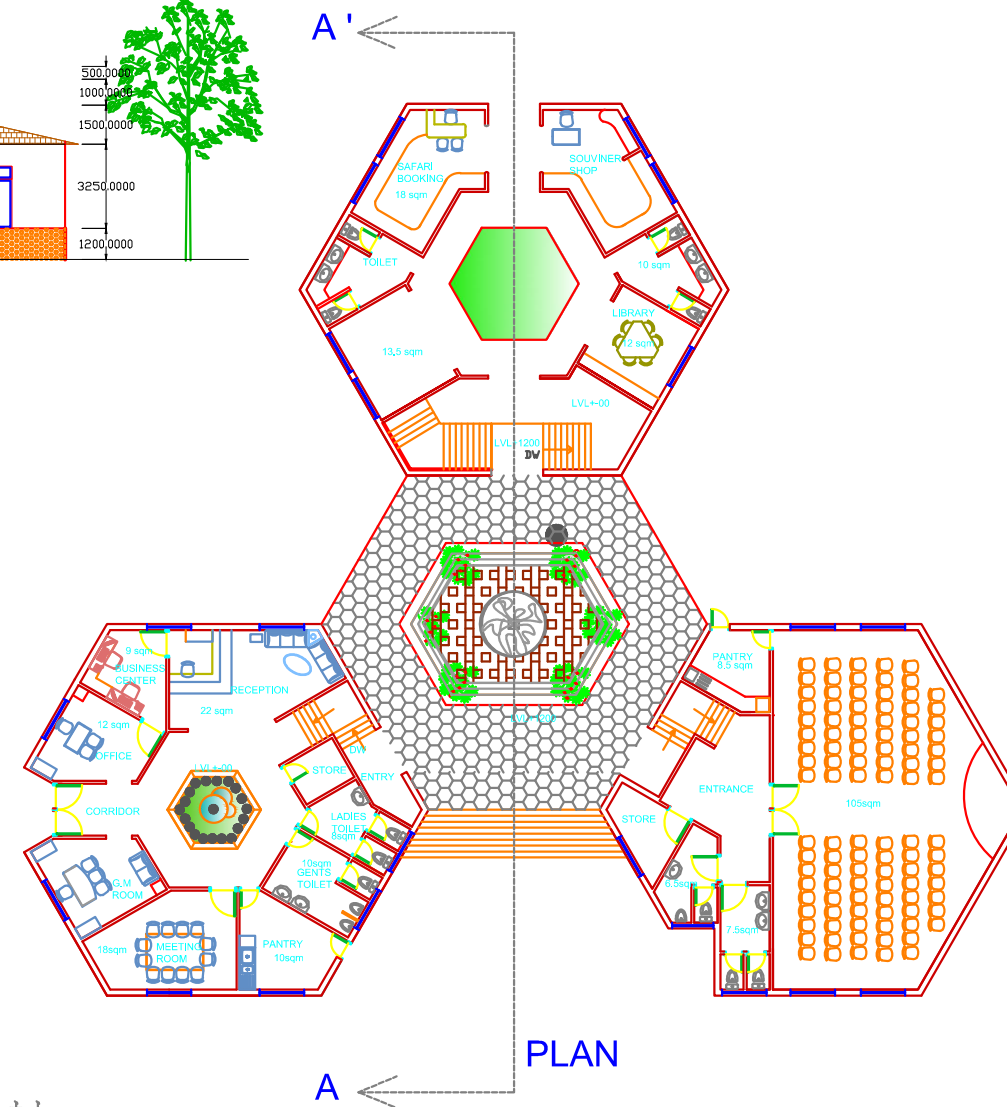
ELEVATION



FIRST FLOOR PLAN



SECTION AA'

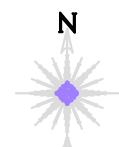


PLAN

HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

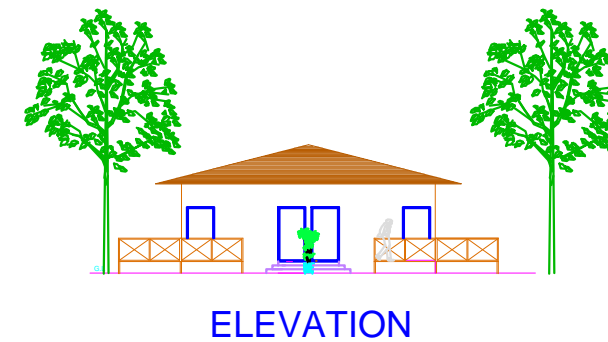
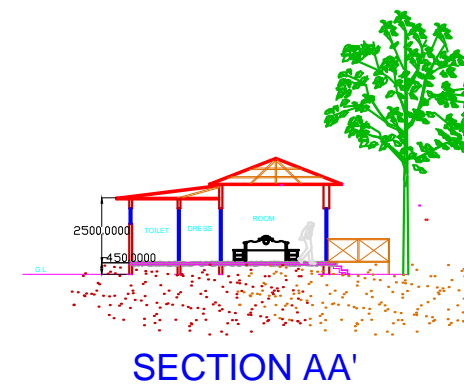
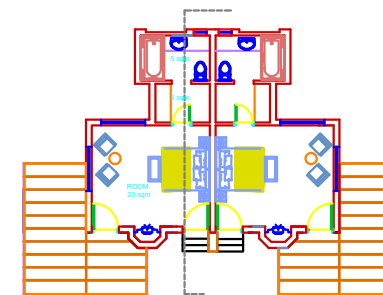
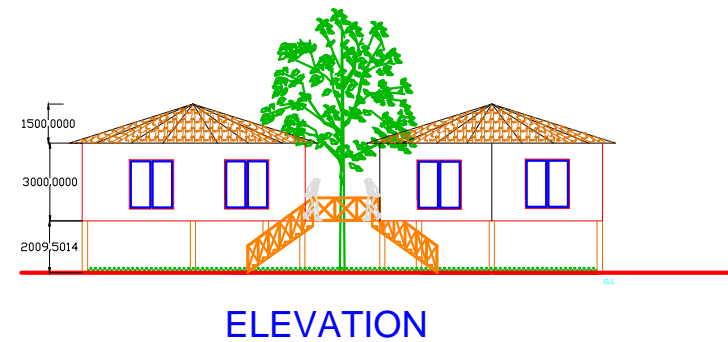
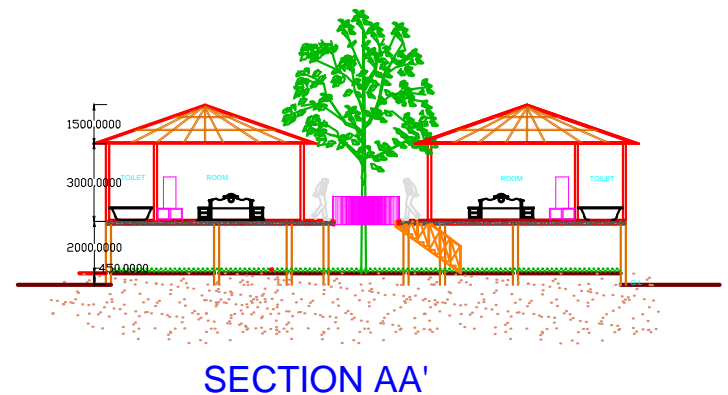
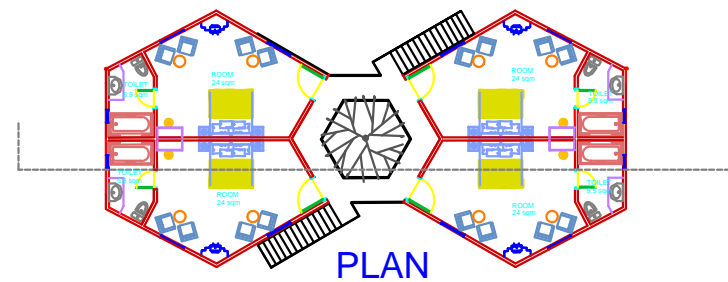
SCALE- 1:100



SUPERIOR VILLA

DELUXE VILLA

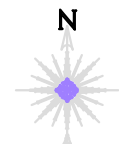
SHEET -02



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

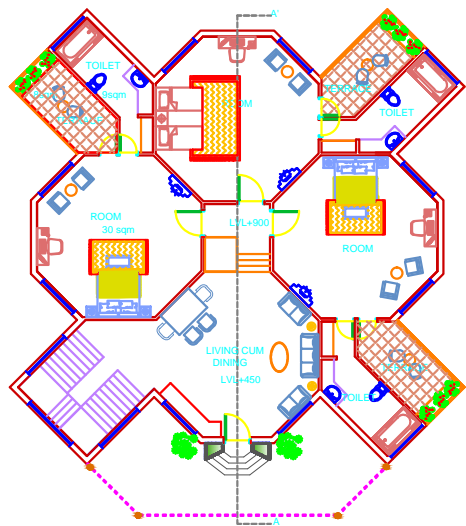
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100

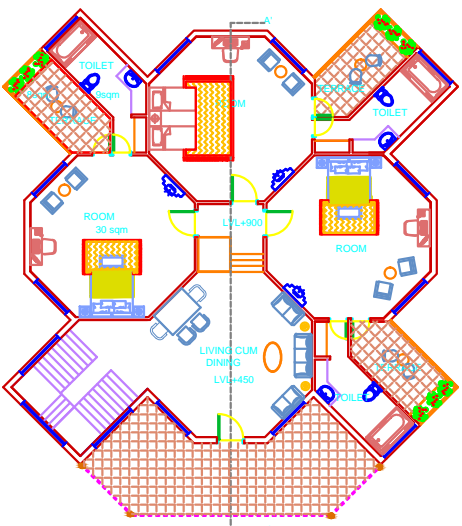


GUEST SUITE

SHEET -03



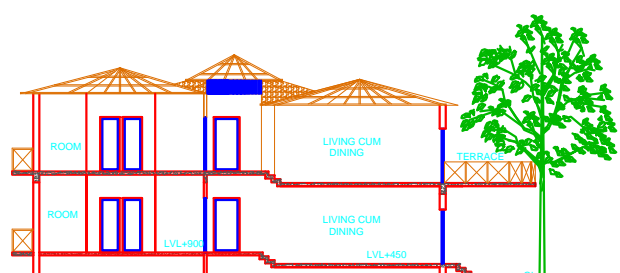
GROUND FLOOR PLAN



FIRST FLOOR PLAN



ELEVATION



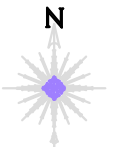
SECTION AA'

GUEST SUITE

HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

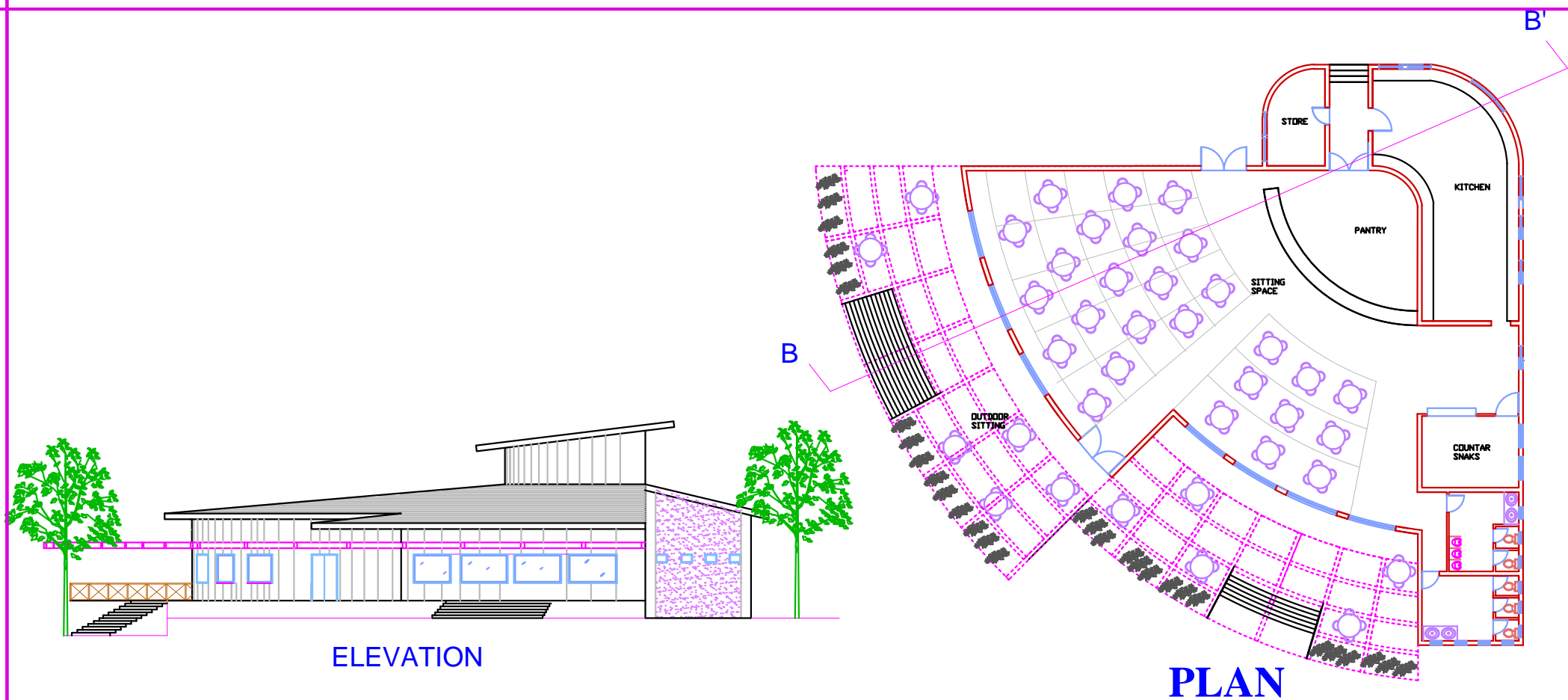
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



PUBLIC RESTAURANT BLOCK

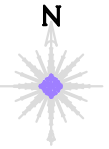
SHEET -04



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

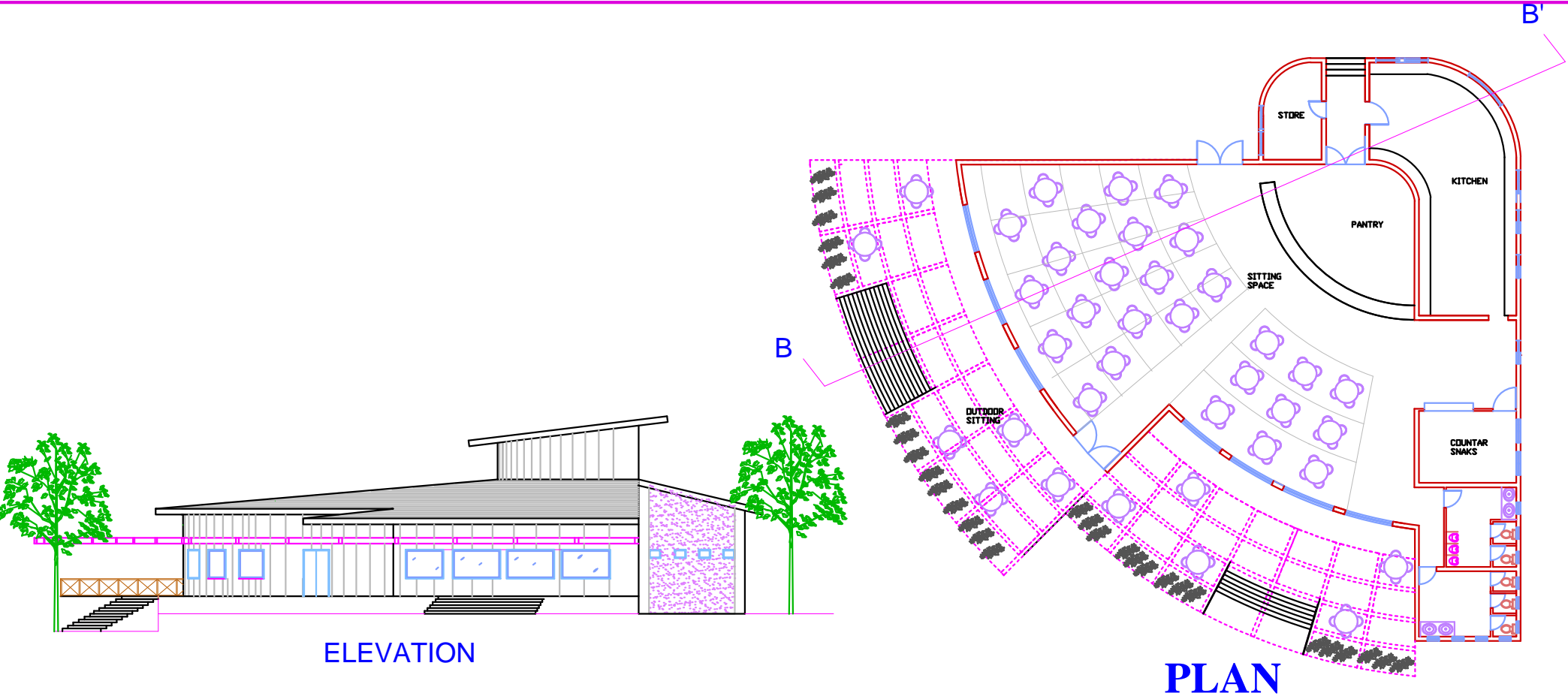
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



PUBLIC RESTAURANT BLOCK

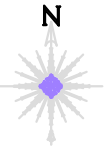
SHEET -04



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

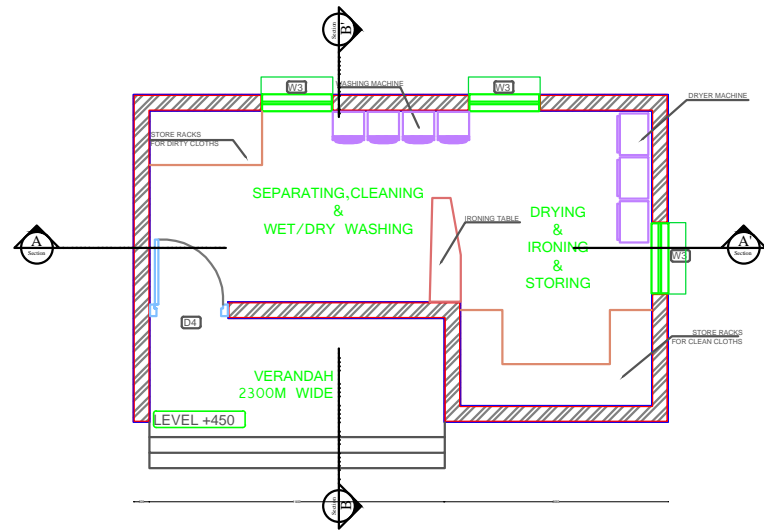
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100

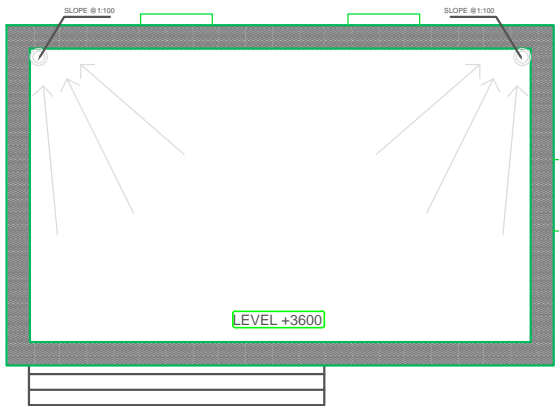


LAUNDRY FOR GUESTS

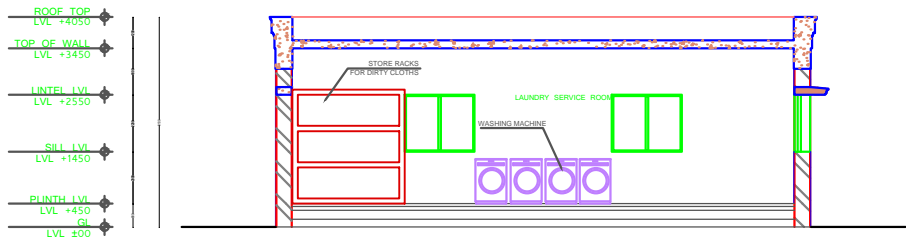
SHEET -06



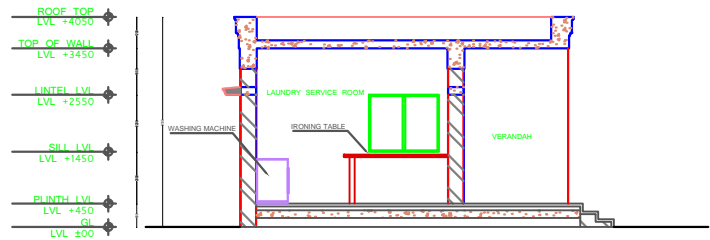
LAUNDRY PLAN



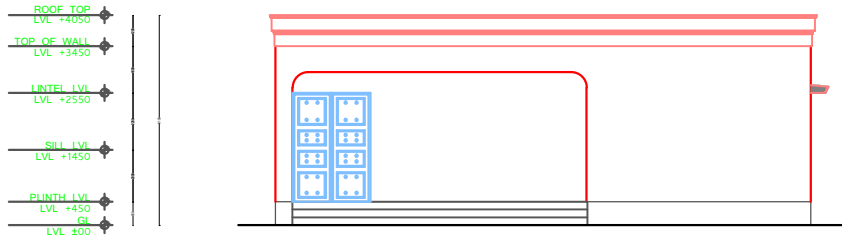
LAUNDRY ROOF PLAN



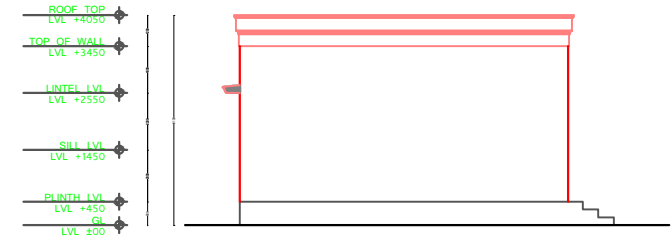
SECTION A-A'



SECTION B-B'



FRONT ELEVATION LAUNDRY

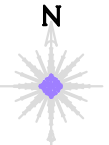


SIDE ELEVATION LAUNDRY

HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

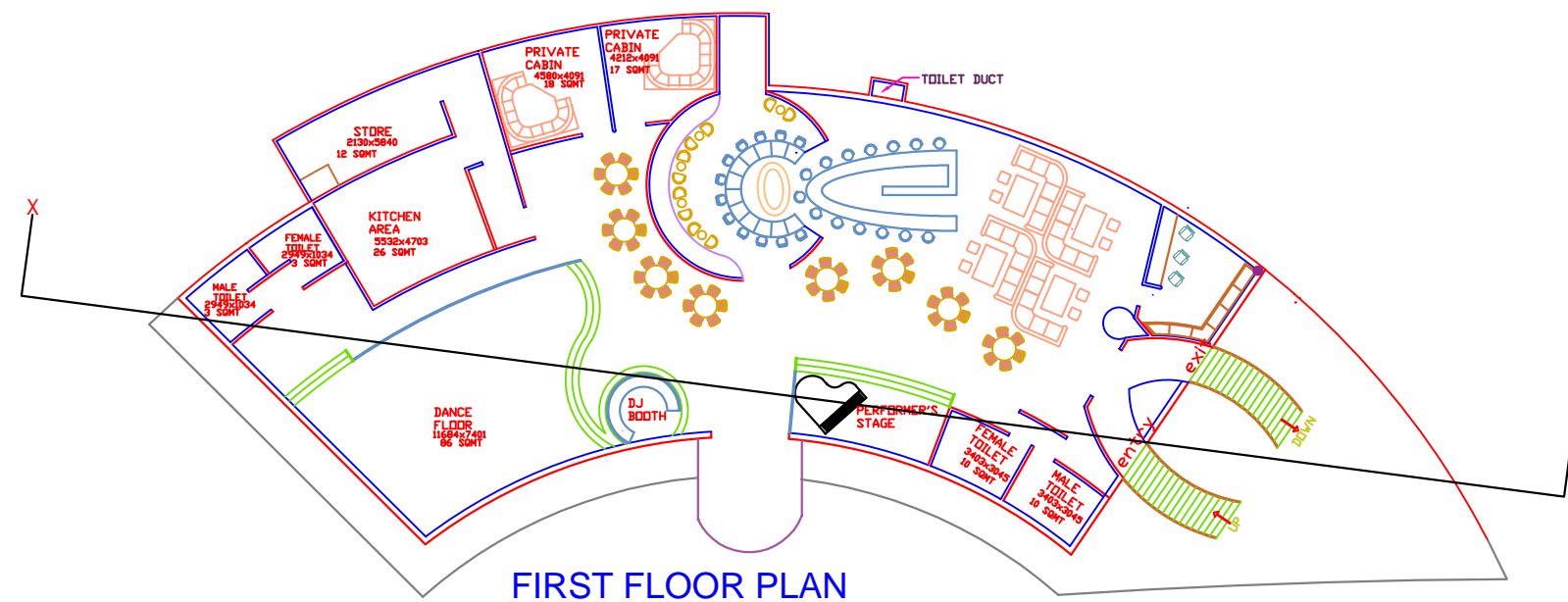
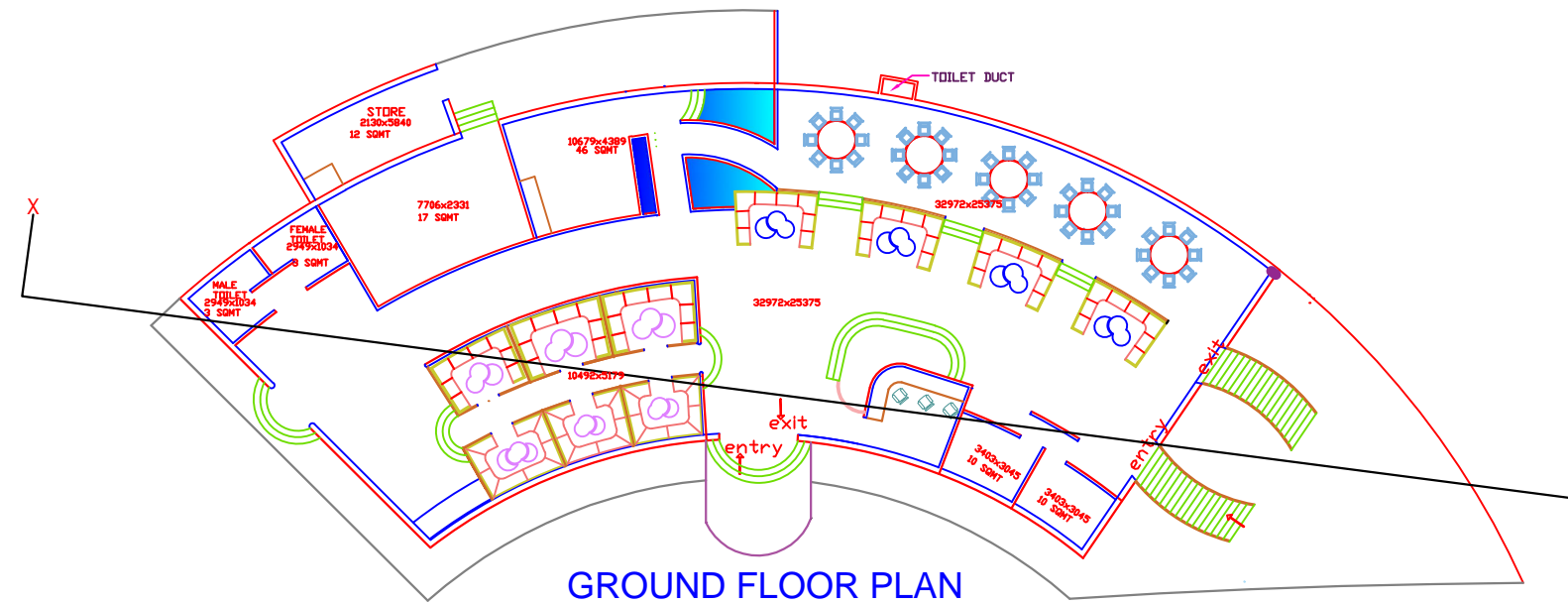
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



RESORT PRIVATE LOUNGE & RESTAURANT BLOCK

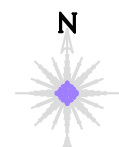
SHEET -07



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

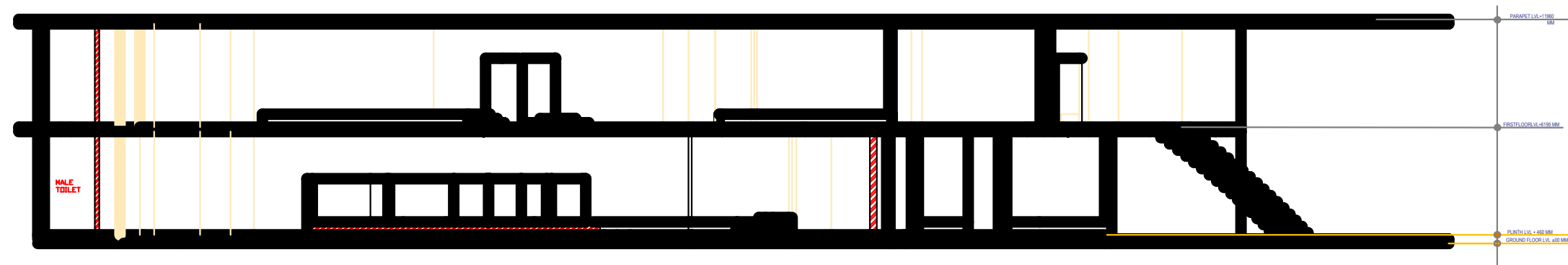
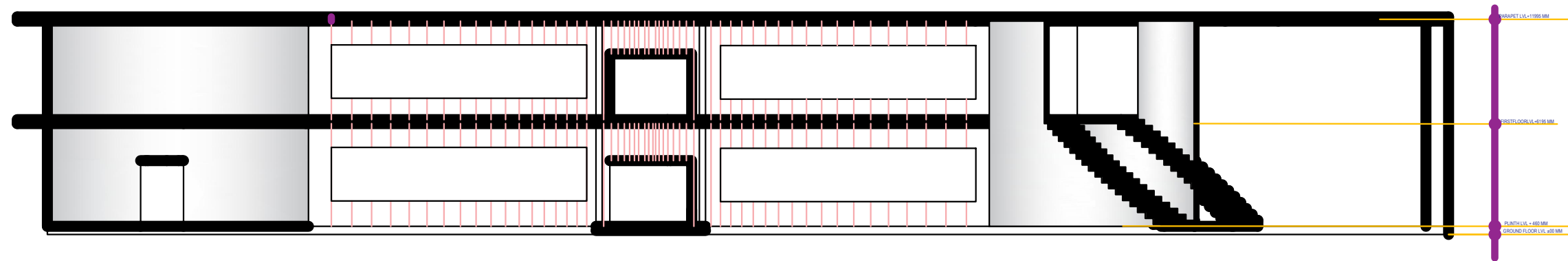
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



RESORT PRIVATE LOUNGE & RESTAURANT BLOCK

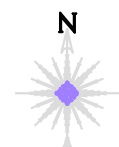
SHEET -08



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

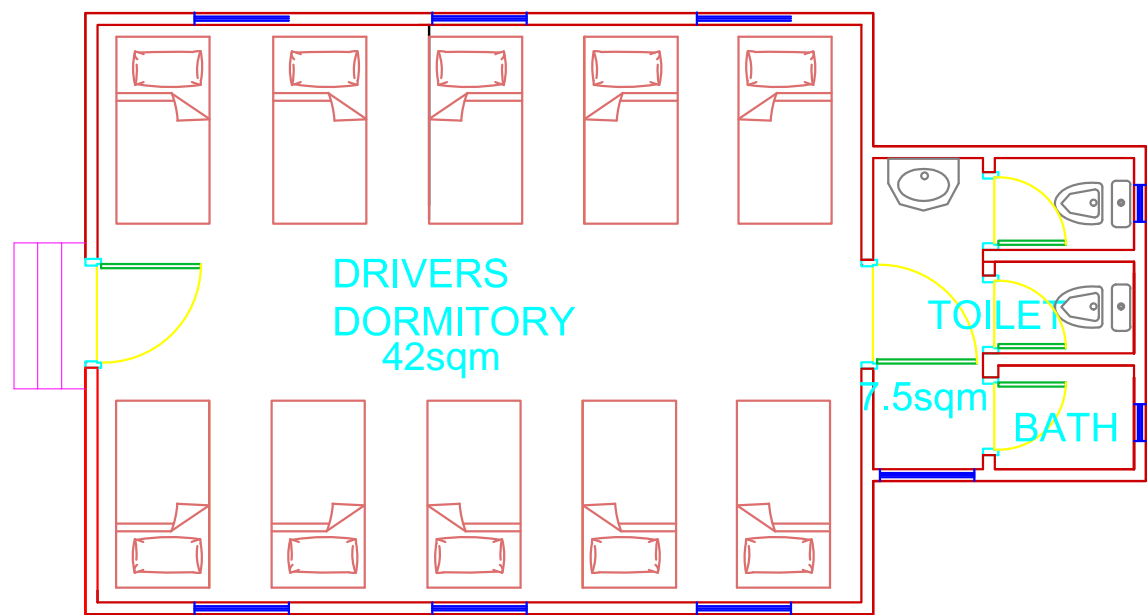
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100

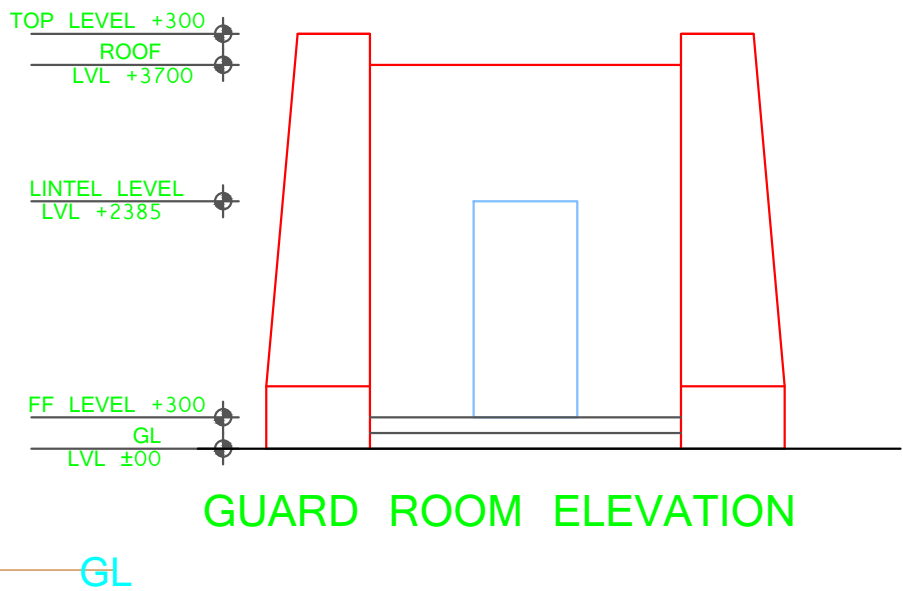
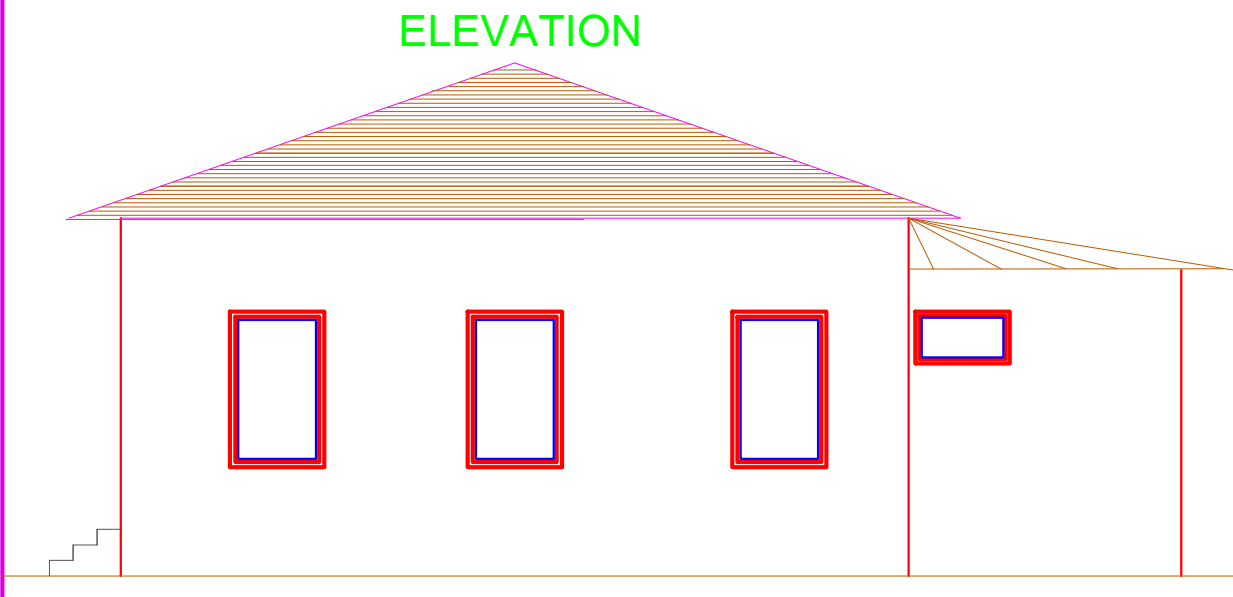
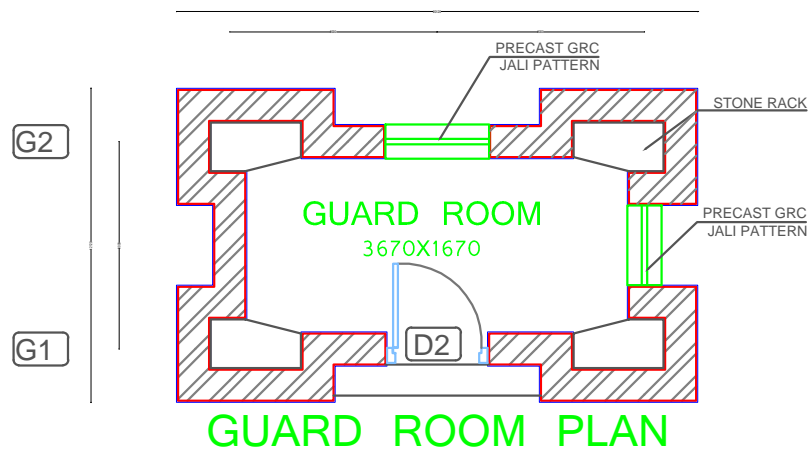


DRIVER'S DORMITORY & GAURD ROOM

SHEET -09



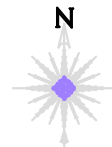
GROUND FLOOR PLAN



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

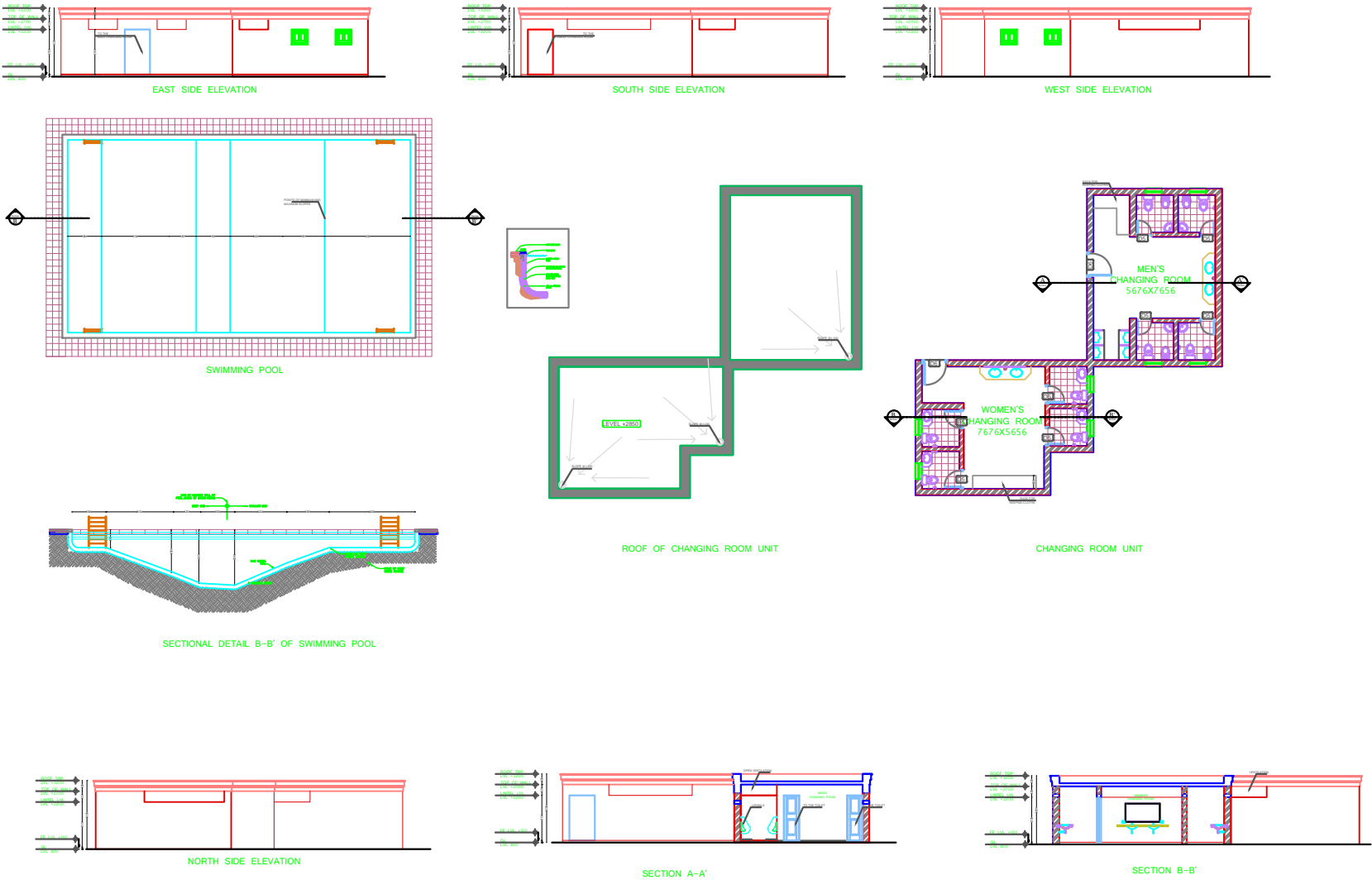
GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



SWIMMING POOL AND CHANGING ROOM

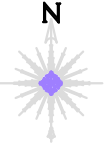
SHEET -10



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

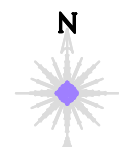
SCALE- 1:100







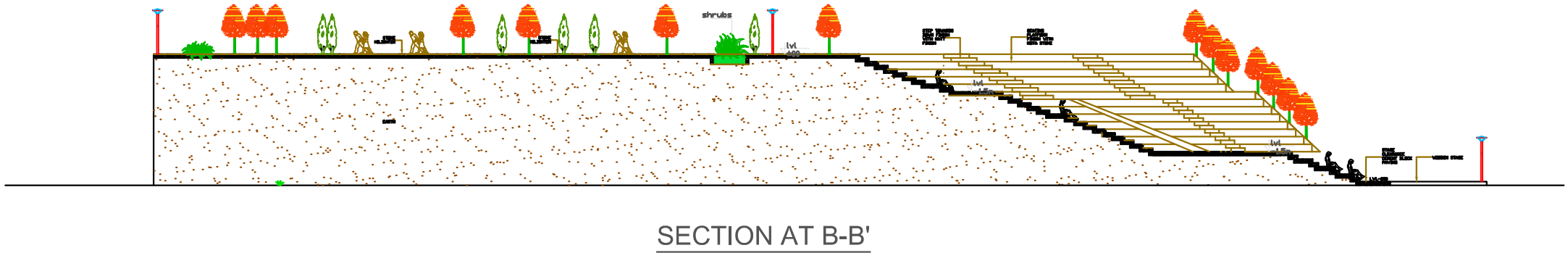
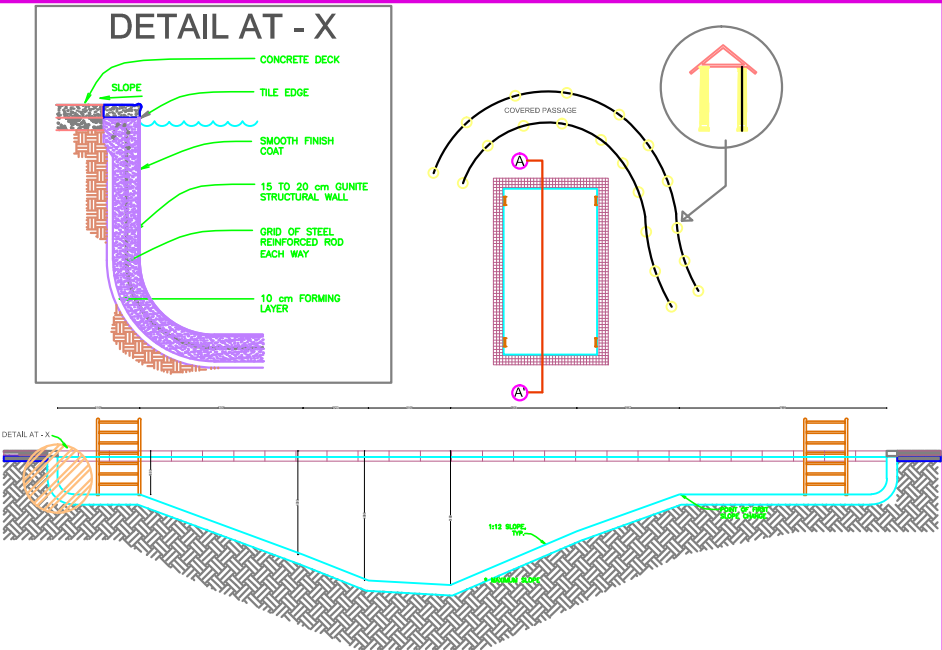
SHEET -11



SCALE- 1:100



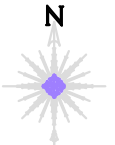
S.NO.	PLAN	BOTINICAL NAME	Common NAME	HEIGHT	FOLIAGE	FLOWERING/FRUITING
1.		E. TERETICORNIS	Eucalyptus	10-60MT	Leaves are evergreen	Flowers are fluffy stamens which is white,cream, yellow, pink or red.
2.		FICUS RELIGIOSA	Sacred Fig	Upto 30 MT	Leaves are cordate in shape with a distinctive extended drip trip are 10-17 cm long and 8-12 cm broad with a 6-10 cm petiole	Fruits are small figs 1-1.5 cm in dia., green ripening to purple
3.		DALBERGIA SISSOO	Sheesham	25 MT MAX.	Leaves are leathery, alternate,pinnately is 15 cm long	Flowers are whitish to pink, fragrant, nearly sessile upto1.5 cm wide and light brown
4.		MORUS NIGRA	Mulberry	10-15 MT	Leaves are alternatively arranged, simple,or pale yellow	Fruit is a multi-fruit. Immature fruits are white,green, or pale yellow



HIGH FACILITY RESORT
HARSHUD, MADHYA PRADESH

GUIDED BY : AR. VERSHA VERMA
SUBMITTED BY: ANOOP SINGH RAJAWAT
B.ARCH FIFTH YEAR 2019-2020
B.B.D.U

SCALE- 1:100



Thank
you

