

HILL SIDE RESORT

THESIS

Submitted in partial fulfillment of the requirements for the
award of

Bachelor of Architecture
degree

by

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**DEPARTMENT OF
ARCHITECTURE SCHOOL OF
BUILDING AND ENVIRONMENT**

SATHYABAMA

**INSTITUTE OF SCIENCE AND
TECHNOLOGY (DEEMED TO BE
UNIVERSITY) Accredited with
Grade "A" by NAAC**

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SALAI, CHENNAI - 600 119**

MAY 2021



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BONAFIDE CERTIFICATE

This is to certify that this Thesis Report is the bonafide work of **U. PAVITHRAN (3621902)** who carried out the thesis entitled "**HILL SIDE RESORT**" under our supervision from January 2021 to May 2021.

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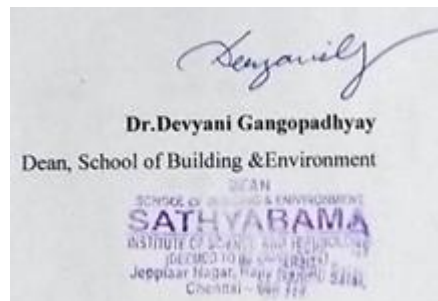
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Submitted for Viva voce Examination held on _____

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DECLARATION

I, **U. PAVITHRAN** hereby declare that the Thesis Report entitled “**HILL SIDE RESORT**” done by me under the guidance of **Ar. Jhannupriya** (Internal Guide) and **Ar.** (External Guide)

Sathyabama Institute of Science and Technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Architecture Degree.

DATE:

PLACE: Chennai

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of **Sathyabama** for their kind encouragement in doing this Thesis and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. Devyani Gangopadhyay**, Dean and Head of the Department, **Dr.Suresh kuppuswamy**, design chair of School of Building and Environment, Department of Architecture and providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Thesis Internal Guide **Ar. Jhannupriya**, Internal review members **Ar. Monisha** and External guide **Ar.** their guidance, suggestions and constant encouragement which paved the way for the successful completion of my thesis works.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Architecture** who were helpful in many ways for the completion of the Thesis .

I also thank my family and friends for their constant support in the completion of this thesis.

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CHAPTER 1 – INTRODUCTION

A resort is a place used for relaxation or recreation, attracting visitors for holidays or vacations. A resort attempts to provide for most of a vacationer's wants while remaining on the premises, such as food, drink, lodging, sports, and entertainment.

Hill resort have now become an inevitable place of shelter for city residents for city residents. The unquenchable thirst for pollution free, cool, pleasant surroundings, free from the clutches and everyday toil, has led to the construction of a number of hill resorts.

1.1 AIM

- To promote local culture, heritage and architecture through careful design.
- To create spaces which can suffice all needs related to leisure and tourism. Comfortable Cottages which portray an environment of leisure and promotes interaction with nature.
- Cost effective and functional design.

1.2 OBJECTIVE

- To understand chronology of disaster resistance structures in hilly areas.
- To integrate the vernacular architecture systems with modern disaster resistance structures.
- To design a place which will accommodate the tourist and which is protected from natural disaster.
- To efficiently utilize the hilly areas and turn them into tourism area.
- To create a place which will increase awareness on natural disasters.
- To emphasize on the safety measures required in hilly area at the time of natural disaster.
- Re-inventing the disaster management on a community level.

1.3 SCOPE OF THE PROJECT

- Data collection on spaces essential in resort- area requirement and other conditions.
- To study the architecture prevalent in Uttarakhand and its local character and characteristic elements of design.
- Site planning with special emphasis on the design on outdoor spaces land and water interface.
- Providing design solution considering the building functions and its relation with the climate and environment.
- Detailing of individual buildings.
- The feasibility of the project is not in the scope.
- Cost analysis and management is also out of the scope of this project.
- 3D forms of individual buildings.
- Furniture layout of the cottage rooms.

1.4 SITE LOCATION

PROJECT SITE – KOTI ATHUR, TEHRI GARHWAL UTTARAKHAND



- The suggested location for development of hill resort is Koti Athur.
- Koti is well connected by SH 8 from Chamba and is the gateway to Tehri lake area.

CHAPTER 2 – LITERATURE CASE STUDY

2.1 BANASURA RESORT

Site area: 35 acres

Build up: 35,000 sq. Ft

Architect: Eugene mandala

Year: 2006

Location: Wayanad, Kerala

Banasura hill resort is the largest earth resort in Asia, tucked away at an altitude of 3500 feet above sea level. it is set amidst the mesmerizing mist-clad hills of Wayanad in the Malabar region of Kerala, India. has been built completely out of mud and recycled wood. it is located very next to the tribal hamlet. it is only some kms away from Banasura dam, which is the largest earth in Asia.



Figure 2.1 Site Plan of Banasura Hill

ACCESSIBILITY

By means of travel Airport is about 80kms, Railway station is 95kms and Bus stop is 3 kms away from the site.

SLOPE ANALYSIS

- The site is Slopped towards the pond.
- The highest point is the entry to the site.
- Lowest is the place where suite room is located.



Figure 2.2 view of entry porch



Figure 2.3 view of reception and lobby

PLANNING

Planning is executed on tracking in to consideration the view of the hill as well as the pond. Earth rooms and restaurants block views the spectacular hill behind. Whereas suites and villas get the view of the pond. Using mud architecture completely, it symbolises the culture and tradition of the place. Used the mud from the site for the purpose of construction

ENTRY/EXIT

The entry to the site of a 4.5m gateway. There is no separate entry/exit for the service vehicles. Bamboo braced design done. One gets a spectacular view of the resort with the background hill from the entry point.

PARKING

Parking space have been allotted in the front periphery. Has a capacity to accommodate 25 four-wheeler parking facility.

PORCH

A porch of 56sq.m marks the entry to the building. Gives a beautiful opening view of the reception.

RECEPTION AND LOBBY

Symbolising the beauty and feel of mud architecture, the space is cooler compared to the outside temperature. The reception is beautifully designed with a traditional architecture. Occupies an area of 100sq.m. The lobby space then divert to the corridor for accessing guest rooms, located on either side of the lobby. A staircase to the ground floor leads to another lobby at ground floor level.

FRONT DESK

The Front Desk Consist of The Reception Desk Travel Desk and Enquiry Counter.



Figure 2.4 view of room



Figure 2.5 view of cottage

ADMINISTRATION

The administration department have a general managers room at the first-floor level. And a manager's room at ground floor level. Area-6 sq. M each.

TOILET

Toilet for the visitor's is been provided at the ground floor level, Area-13 sq. M.

ACCOMMODATION

Accommodation facility in Banasura hill resort is divided into the following category.

GUEST ROOMS (EARTH ROOMS)

These are located in the main block, which is accessed from the lobby 'planned in two floors, each floor has 10 rooms with 5 rooms arranged on either side of the corridor, Area of one unit-40 sq. m.

VILLAS

These are individual and twin villas of four in number, located towards the backside of the earth rooms, Area of a villa unit-56 sq. m.

SUITES

These are deluxe suites designed with mud and wood, Area of a suite unit-83 sq. m.

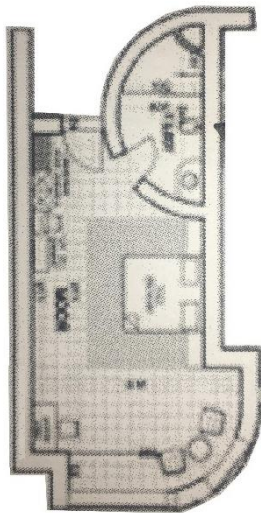


Figure 2.6 plan of earth room

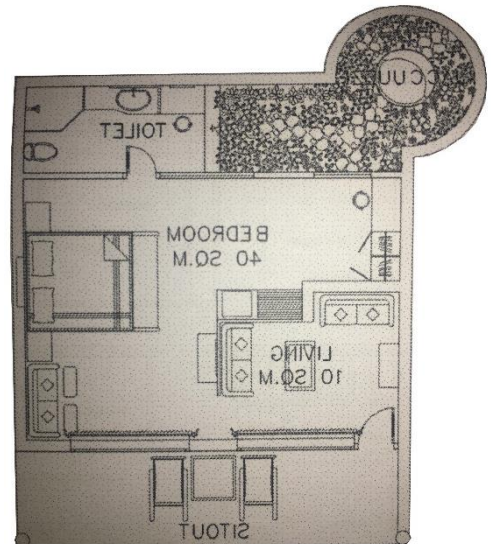


Figure 2.7 plan of suite room

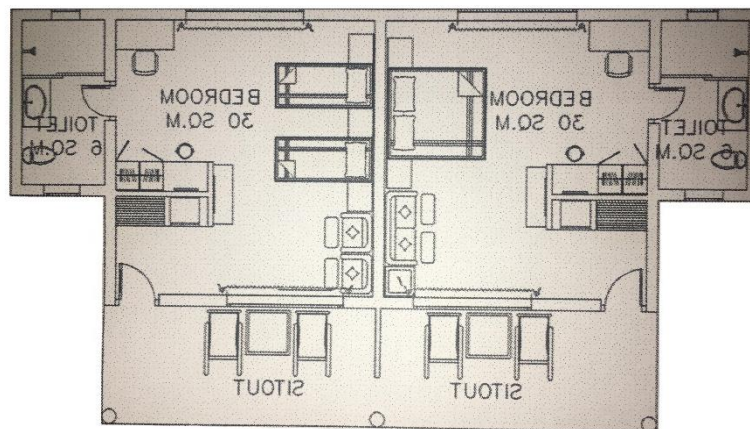


Figure 2.8 plan of twin villa

RESTAURANT

The restaurant is located next to the earth rooms, and next to the main entry. The restaurant is entered through a lobby, on either side of which restaurant and administration is placed. Also has a terrace open restaurant attached to the space. The restaurant is connected to the pantry, which in turn is connected to the kitchen.

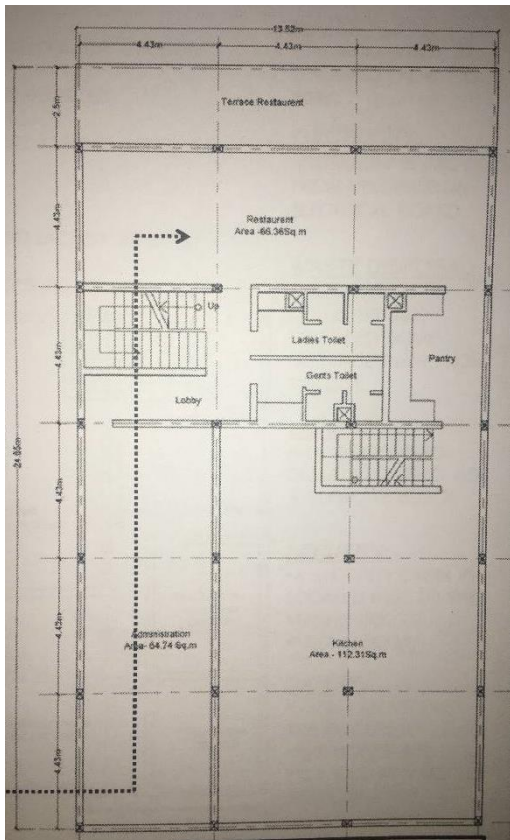


Figure 2.9 plan of restaurant



Figure 2.10 view of restaurant



Figure 2.11 view of restaurant

CONFERENCE ROOM

The resort has a conference room of 98 50.m for conducting seminars and holding meetings. Capacity-50 persons. Has a gent's and ladies toilet next to it of 15 50.m each.

READING ROOM

A library space has also been given in the same block. Having a spectacular view to the surrounding hills, it creates an atmosphere for the guests to read.

BACK HOUSE

The service floor is located in the ground floor. Accessible by the service vehicles. Consists of the following: Security/time keeping/store keeping office-11 sq. m, Staff kitchen-8.7 sq. m, Staff dining-31 sq. m, Staff restroom (gents and ladies)- 20 sq. m each. Administration of services-20 sq. m.

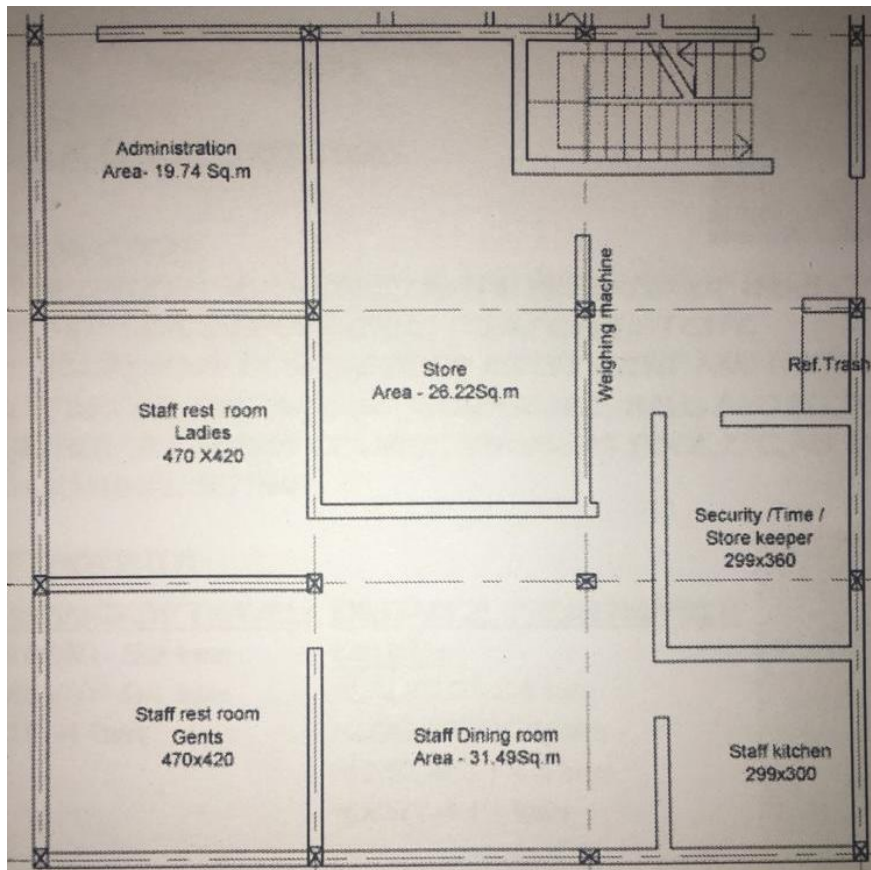


Figure 2.12 plan of back house

WATER SUPPLY

Drinking water is obtained from the well.

ELECTRICITY

Electricity is provided from Vellamunda electrical board.

WASTE DISPOSAL

The waste is collected and disposed some distance away from the site.

LAUNDRY

A laundry of 80 sq. m is located as a separate block.

PATHWAYS AND PAVEMENTS

Used locally available materials for construction.

NATURAL SETTING

Naturally landscaped suitable to the background hill. A pool created between the villas, for a pleasing view.



Figure 2.13 view of resort

2.2 VYTHIRI RESORT

SITE AREA: 24 ACRES

BUILD UP: 65,000 SQ. FT

ARCHITECT: PRASHANTH & TONY JOSEPH

YEAR: 1998

LOCATION: VYTHIRI, WAYNAD, KERALA

Vythiri resort is situated in the picturesque hills of wynad on in 24 acres. Of land, about 60kms. From calicut city. The hill resort comprises of independent and attached cottages, coffe shops, restaurant, conference hall, and recreational facilities like tennis courts, swimming pool etc, all designed to blend with natural setting.



Figure 2.14 view of resort

ACCESSIBILITY:

By means of travel Airport is about 59 kms, Railway station is 64 kms and Bus stop is 4 kms away from the site.

SLOPE ANALYSIS

- Vythiri is located 1700m above sea level
- The site's slope is towards the stream.
- The highest point at the site is the main entry point.

PLANNING

Have implemented a very tropical and eco-friendly design. The use of natural stone, mud, plastering and woods reflect the grandeur of traditional architecture at its best. All have been planned overlooking the stream running between the site. No resorts have ever been cut to make way for the resort. Even the rocks and boulders have been left in place and the animals around the place undisturbed.

ENTRY/EXIT

- The site has two entries - Main entry and Service entry.
- Symbolizing the Kerala architecture, the entrance to the site is by means of a padippura, the door being 1m width.
- The service vehicles access through a service entrance gate of 4m width.



Figure 2.15 view of resort



Figure 2.16 view of resort

PARKING

- The parking lot is located in front of the main entry.
- No. Of four-wheeler parking provided-55.
- No. Of two-wheeler parking provided 20.
- No of service parking provided-3

LOBBY AND RECEPTION

- The entry to the reception is by means of bridge, with a pool running underneath.
- The reception contains a front desk, an enquiry counter, and a reservation counter
- It occupies an area of 35sq.m.
- The waiting lounge with `charupadi' seating is well designed with water level in the pool beside. Set at almost the same level of the seating.
- The area of waiting lounge being 30 sq. m.

ADMINISTRATION

- The administration department is located in the ground floor of the entry
- It consists of various departments like:
- Manager's room - 20sq.m.
- Assistant manager's room 9sq.m
- Food and beverage managers -9sq.m

TOILET

Toilet for visitors have been provided in the basement floor

No. Of gent's toilet -2(1.8 sq. m each)

No. Of ladies' toilet -2(1.8 sq. m each)

ACCOMMODATION

Vythiri resort consists of 5 types of rooms

- Planter's retreat
- Serenity cottage
- Vythiri habitat
- Vythiri heaven
- Tree house

SERENITY COTTAGE

These are 15 in number, designed in a rustic style of area 60 sq. m each. Most of them are planned along the stream, and a few overlooking the forest stretching out above the resort.

- Sit out – 3.6 sq. M
- Bath – 4.6 sq. M
- Bed – 35 sq. M

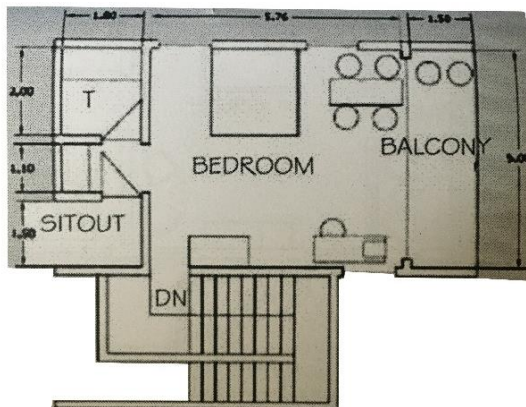


Figure 2.17 view of resort



Figure 2.18 view of resort

PLANTERS RETREAT

- Consists of six adjoining units of area 28sq.m each arranged in a row
- Inspired by traditional architecture has incorporated generous use of wood in the design.
- Each has got a private plunge pools and balconies with splendid views of the forest.
- The only unit designed not overlooking the stream, but balconies get the splendid view of the forest.

Area of space

- Sit out – 6.5 sq. m
- Bedroom – 20 sq. m
- Dress – 4.8 sq. m
- Toilet – 0.5 sq. m
- Private plunge pool – 9 sq. m

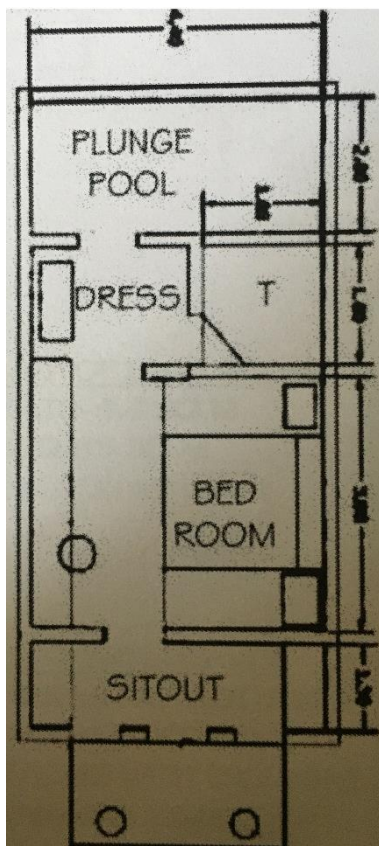


Figure 2.19 plan of planter's room



Figure 2.20 view of planter's



Figure 2.21 view of planter's room

VYTHIRI HABITAT

- These are four in number with exclusive balconies facing stream rushing below
- Contains two floors with two units placed in each floor
- Each unit is of 38 sq. M
- Consists of a bedroom, bathroom and a balcony

Area of space

- Bath – 4.6 sq. M
- Bed – 35 sq. M
- Balcony – 9 sq. M

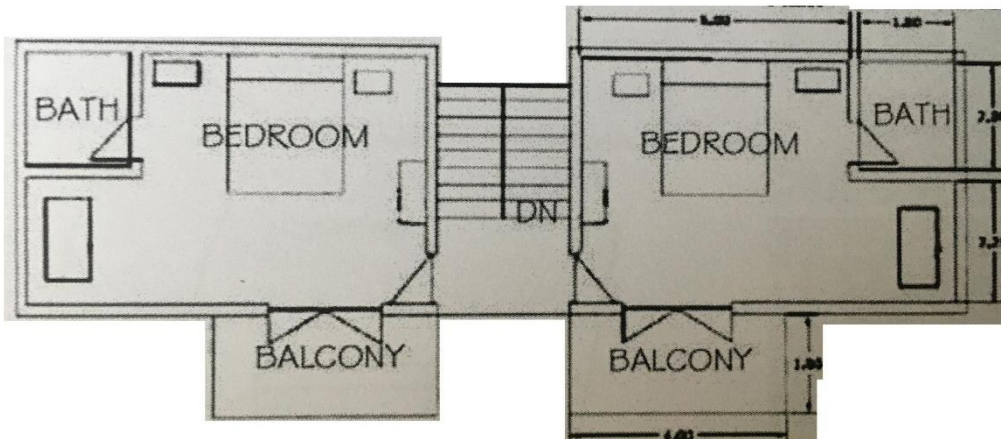


Figure 2.22 plan of vythiri habitat room



Figure 2.23 view of vythiri habitat room

TREE HOUSE

- Four tree houses, are set high above the lush canopy of the rainforest
- Built by the tribal with locally available materials
- Designed to utilise the nature spring water from surrounding hills and to use solar energy for power

Area of space

- Balcony – 14 sq. m
- Bath – 6 sq. m
- Bedroom – 16 sq. m

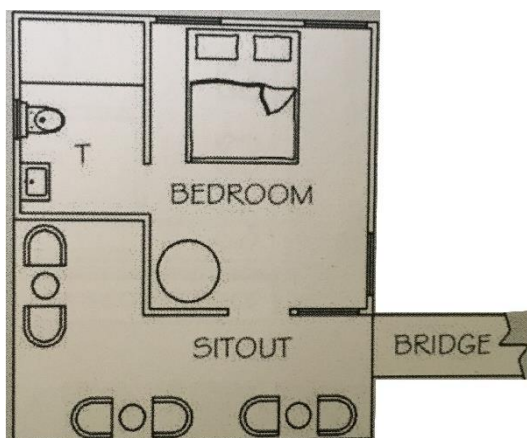


Figure 2.24 plan of tree house



Figure 2.25 view of tree house

VYTHIRI HEAVEN

- These are cottages that are stream facing with exclusive living rooms
- Has spacious sit outs, located downstream

Area of space

- Living – 14 sq. M
- Bath – 16 sq. M
- Bedroom – 26 sq. M
-

RESTAURANT

- Vythiri resort has three restaurants
- Restaurant two has a buffet dining space
- A common kitchen serves the three of them
- Total capacity – 100 persons
- Area of spaces
- Restaurant 1 – 102 sq. m
- Restaurant 2 – 81 sq. m
- Restaurant 3 – 100 sq. m
- Kitchen – 131 sq

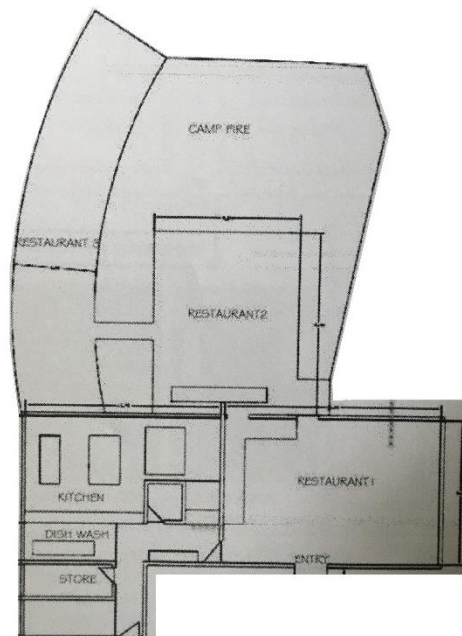


Figure 2.26 plan of restaurant



Figure 2.27 view of restaurant

GAME ROOM

- An indoor game room of 33 sq. m have been provided next to the coffee shop
- A lot of games like pool games, carroms and chess can be played here.

CONFERENCE ROOM

- A conference room of 90 sq. m is provided for holding meeting and discussions

SWIMMING POOL

- A swimming pool (10 x 5.5 m) is another facility for the guests
- Changing rooms for these are provided in the basement.



Figure 2.28 view of resort

2.3 KADAVU RESORT

Site area: 12 acres

Build up: 1,01,000 sq. Ft

Architect: Prashant & tony joseph

Year: 1998

Location: Calicut, Kerala

Kadavu resort and ayurvedic centre is a 4-star property located in a sprawling nine-acre plot along the side of the backwater. A very charming location with groves of swaying graceful coconut palms facing the backwater, its unique and languorous backdrop make it an ideal spot. A unique blend of Hindu and Mappila culture, is aesthetically designed and decorated.



Figure 2.29 view of resort

ACCESSIBILITY

- By means of travel.
- Airport-4kms,
- Railway station-12kms
- Bus stop — 2kms.

DISTANCE FROM OTHER TOWNS

- Calicut- 13kms
- Thrissur -143kms
- Wayanad-63kms
- Mysore- 160kms
- The site is easily accessible and can be reached easily.

SLOPE ANALYSIS

- The site is sloped towards the river
- The highest point is the location of reception and the lowest is the boundary towards water.



Figure 2.30 site plan of resort

PLANNING

- Designed to satisfy a hotel's as well as a resort's requirement is the highlight of the design.
- Roads are peripherally located and do not create any disturbance
- Planning done so as to get the view of the river for all the guest rooms.
- A water body created to make the reception area interesting.
- Every space is made interesting, by defining with the most apt architecture style
- The services and guest spaces are well segregated.
- Outsides can easily approach to the coffee shop, restaurant, banquet halls
- Planned with minimal distance of walk between every hall.

ENTRY\EXIT

- The site has only one entry and exit
- Both the service vehicles as well as the visitors vehicles enter through the same way.
- The entry is 5m wide also the internal roads follow.

PARKING

- Abundant space for car and two wheelers have been provided.
- Planned so as to utilise the site boundary for parking, and reaching the necessary destinations for the outsiders easily.

LOBBY AND RECEPTION

- A foyer of 6.2x2.7m leads to the reception area.
- The reception is beautifully designed with a mix of tradition and contemporary methods.
- Huge size, occupies an area of 263 sq. m.



Figure 2.31 view of resort

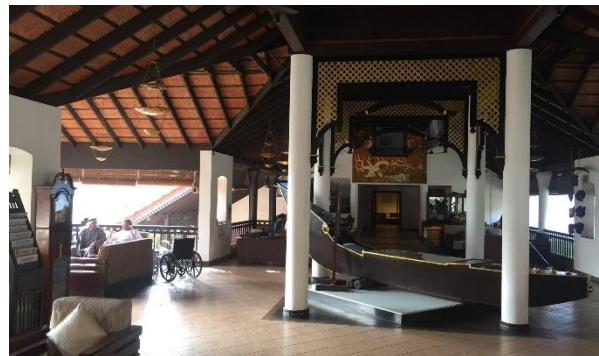


Figure 2.32 view of lobby

ADMINISTRATION

- The back office or administration area occupies an area of 84 sq. m.
- Toilets of 2.7 sq. m each have been allotted for gents and ladies separately.
- Consists of a manager's room, food and beverages officer and a banquet manager rooms.

TOILET

- Toilet of 18 sq. m each for gents and ladies separately has been provided next to the lobby.

ACCOMMODATION

- Kadavu resort has 103 elegantly styled rooms and 17 independent cottages.
- The category of rooms are as follows.
- Standard room – 27 sq. M
- Deluxe river view room – 27sq. M
- Superior river view room – 29sq. M
- Deluxe suite – 30sq. M
- Cottages – 48sq. M

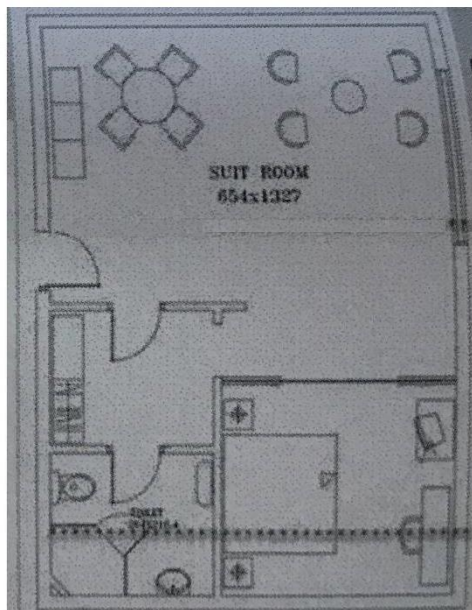


Figure 2.33 plan of deluxe suite

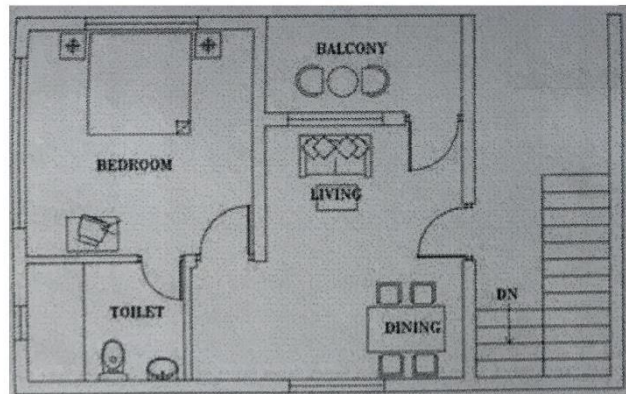


Figure 2.34 plan of cottage

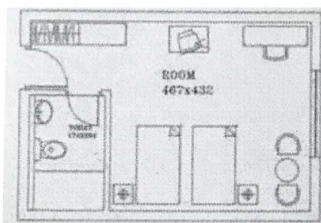


Figure 2.35 plan of standard room

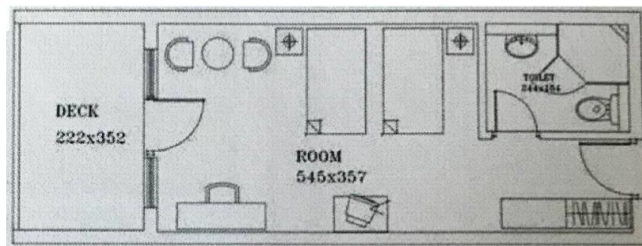


Figure 2.36 plan of deluxe river view room

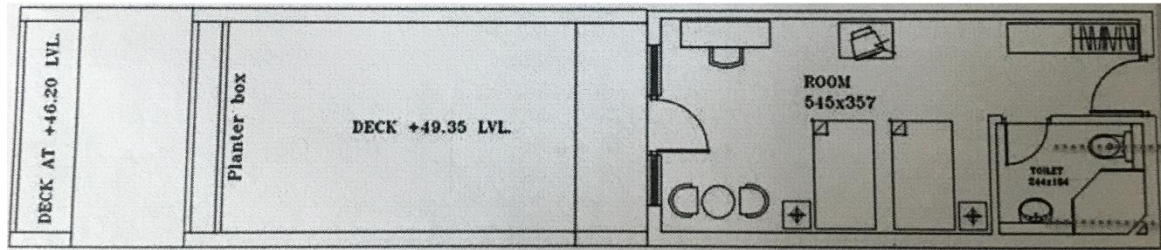


Figure 2.37 plan of superior deluxe river view

RESTAURANT

- The resort has two restaurants, a bar and a coffee shop.
- Also, an outside barbeque dining have been provided.
- An outside dining area overlooking the river is a part of one restaurant.
- Elegantly designed is also been spatially well organised.
- Washroom also has been provided for the gents and ladies.
- Capacity – 100 persons.

BAR

- A bar of 118 sq. M is located next to the restaurant.
- Has a capacity to accommodate 85 persons.

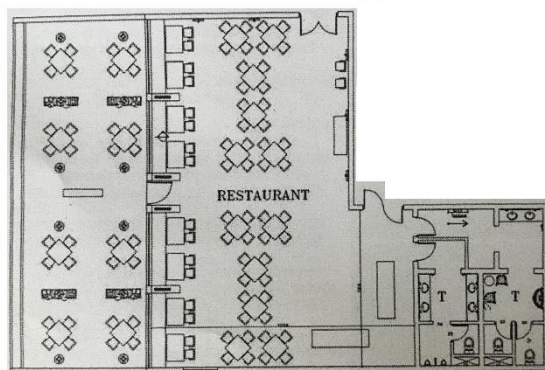


Figure 2.38 plan of restaurant



Figure 2.39 view of restaurant

2.4 ØYNA RESORT

Site area: 10 acres

Build up: 1033 sq. M

Architect: Joakim Dorum

Year: 2020

Location: Norway

The "øyna cultural-landscape-hotel" is a part of øynaparken, near straumen, in inderøy municipality in central norway.

Øynaparken is located on a natural hill above the old sakshaug church, with a view over the cultural landscape of the Trondheim fjord.

Before the expansion, øynaparken consisted of a restaurant with conference and event rooms, øynaparken is managed by the sakshaug family.



Figure 2.40 view of resort

The original idea of creating a new platform for marketing agricultural products from their own production has long since become a search for the unmistakable location in the region for the family and is reflected both, in their kitchen made from regional raw materials and in their interest in the surrounding landscape.

The expansion of the facility with 20 hotel rooms was the result of a steadily increasing demand for overnight accommodation in connection with the conferences and family celebrations held here. For the sakshaug family, it was important that the view over the cultural landscape of the Trondheim fjord be preserved. To achieve this, all hotel rooms were placed on a lower level in the slope. Two hotel rooms each form a unit that slides out of the terrain in a simple shape.



Figure 2.41 view of resort



Figure 2.42 view of resort

The hotel rooms are accessed via a corridor that is completely underground and adapts to the shape of the hill. At its end, the corridor is connected to the higher-level reception and conference area with an elevator. The lawn in front of the

restaurant and conference rooms seem to slide seamlessly over the hotel rooms and reveal the landscape to the north.

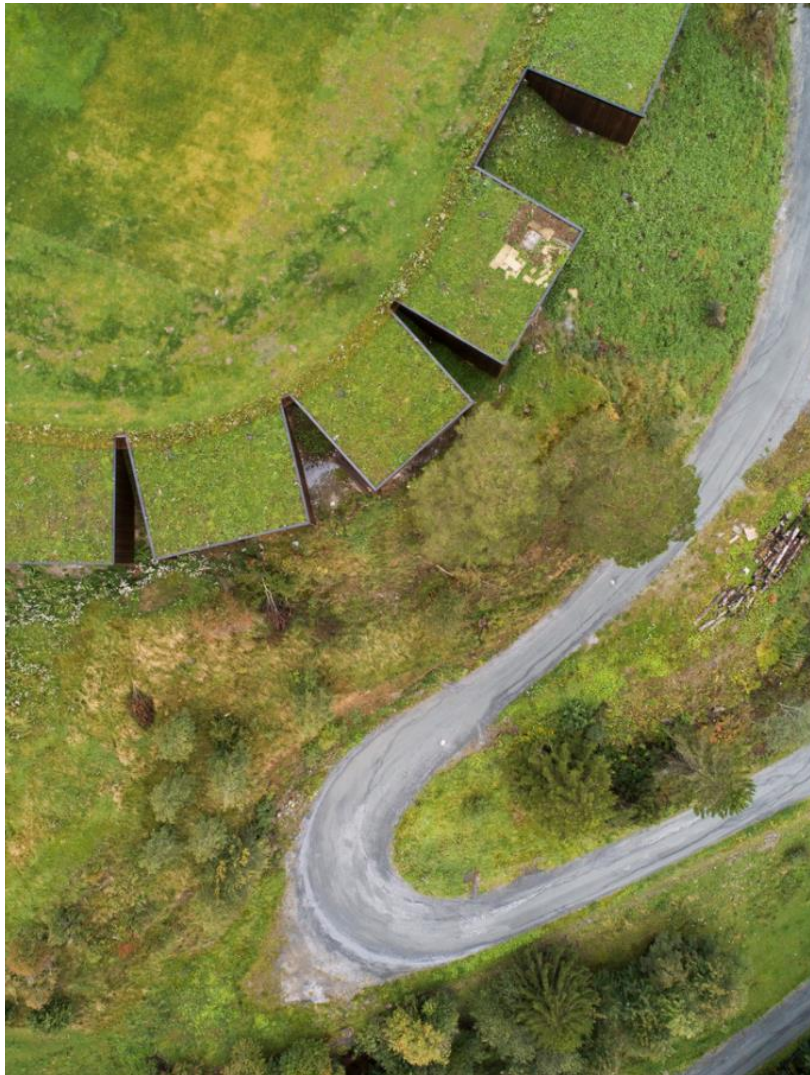


Figure 2.43 top view of resort

All constructions in the ground are made of concrete, while the cantilevered hotel rooms are made of solid wood elements. The standing exterior wooden cladding is kept in dark earth tones, which forms a harmonious contrast to the surroundings. The interior of the hotel rooms is alternated in light and dark wooden panels. In the entrance area, in the rear area of the hotel rooms, and in the adjoining corridor, the concrete construction is exposed, which creates a strong contrast to the high-quality finish of the wooden surfaces in the hotel rooms. Although the extension of the facility was carefully adapted to the topography, it creates new landscape accents through its formal language and fits in well with the owner's overall concept.



Figure 2.44 plan of resort

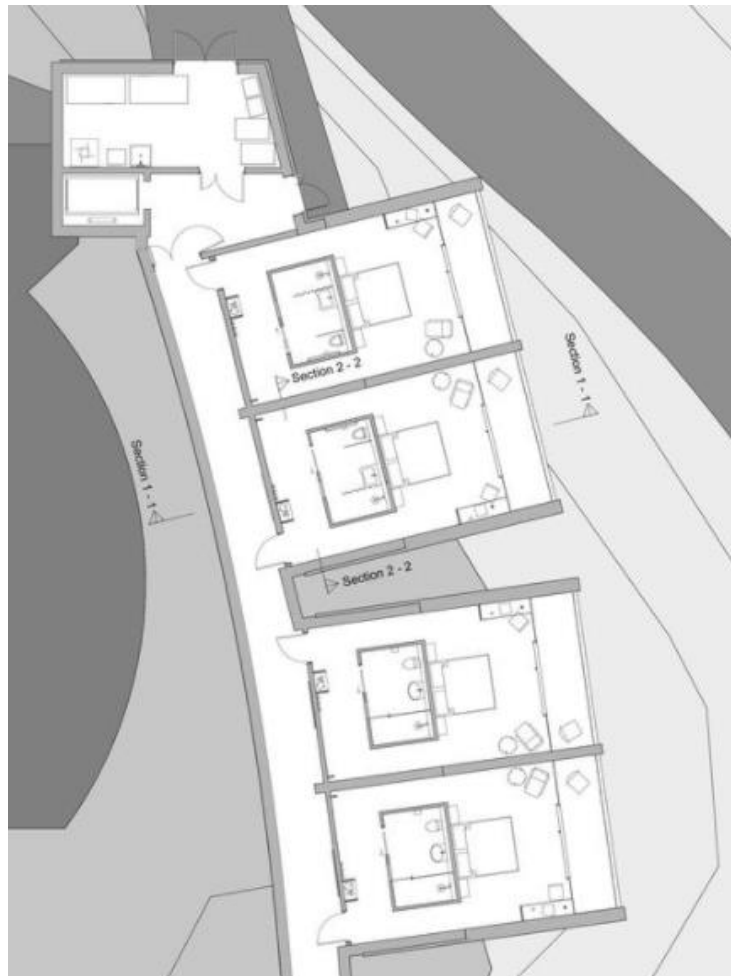


Figure 2.45 plan of resort



Figure 2.46 elevation of resort

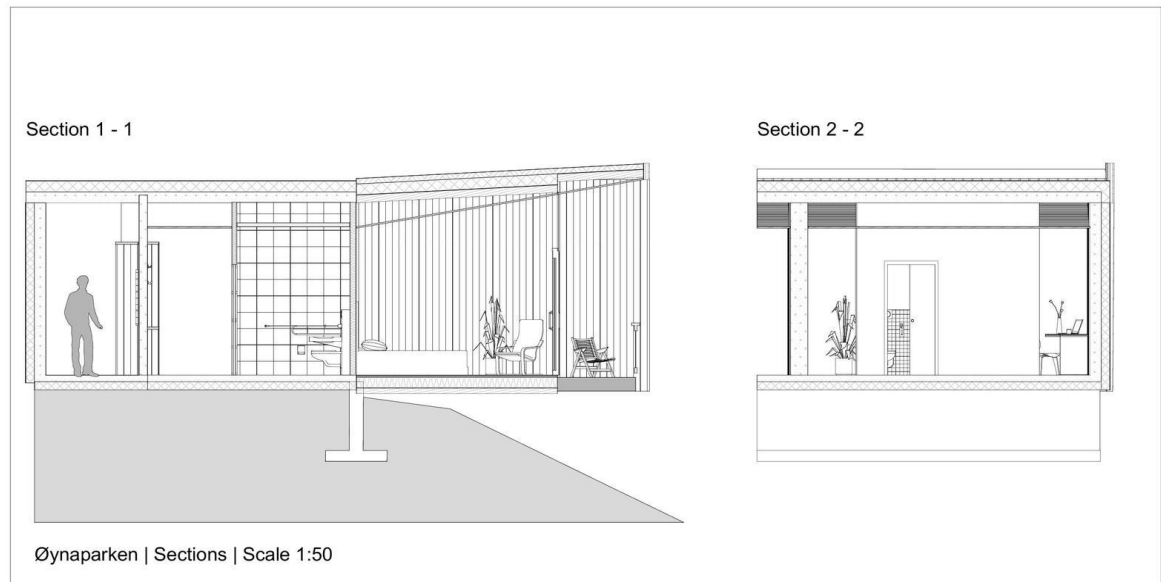


Figure 2.47 section of resort

2.5 MONOLITH RESORT

SITE AREA: 4 ACRES

BUILD UP: 4,000 SQ. FT

ARCHITECT: GAUTAM BHATIA

YEAR: 2004

LOCATION: BHIMTAL, UTTRAKHAND

A retreat in the kumaon hills, the monolith resort is located on bhimtal lake 400 kms, northeast of Delhi on a four acre steeply terraced site. Its facilities include restaurants, a conference center, sports and recreation, along with a series of landscape layers that seclude the private sections of the resort across the steep hilly ramparts of the site, while the public areas congregate towards the lake. Central to its design is the idea of the stone cottage along the street. Monolith resort has been honored by Indian architecture award. The structure of monolith resort is mainly made by rocks and wood giving it an eco-friendly look. The sit out areas, swimming pool, machan and indoor games adds charm to your stay.



Figure 2.48 view of resort

PLANNING

- Central to its design is the idea of the stone cottage along the street.
- Rough-hewn stone walls inside and outside the building supporting pine ceilings and gi sheet roofs. Each displays the elements of a hill
- House - stone hearths, fireplaces, dormer windows and rooftop verandahs.



Figure 2.49 view of room



Figure 2.50 view of resort

ROOMS

- Monolith resort serves with various elegant accommodation such as luxury cottages, independent cottages and lake view rooms.
- The rooms are equipped with telephone, mini bar, air conditioned, satellite tv and attached sanitized bathrooms.
- The luxury cottage also comprises of mini refrigerator and room service.

RESTAURANT

- The multi cuisine restaurant of monolith resort offers invigorating view of the emerald bhimtal.
- Delicious and healthy food is served in this open-air restaurant of monolith resort.
- Sturdy stoned pillars support the shed roof over the tables

ACCOMMODATION

- Conference hall, swimming pool, amphitheater, library
- Satellite tv, running hot & cold water, souvenir shop
- Car rental, sightseeing, doctor on call

ACTIVITIES

- Trekking, golf, swimming pool, pool table, badminton, croquet, card table, chess table
- Boat trips, carrom, angling, nature walks, jungle safaris, table tennis, amphitheatre, library
- Paragliding (on weather conditions & on request)

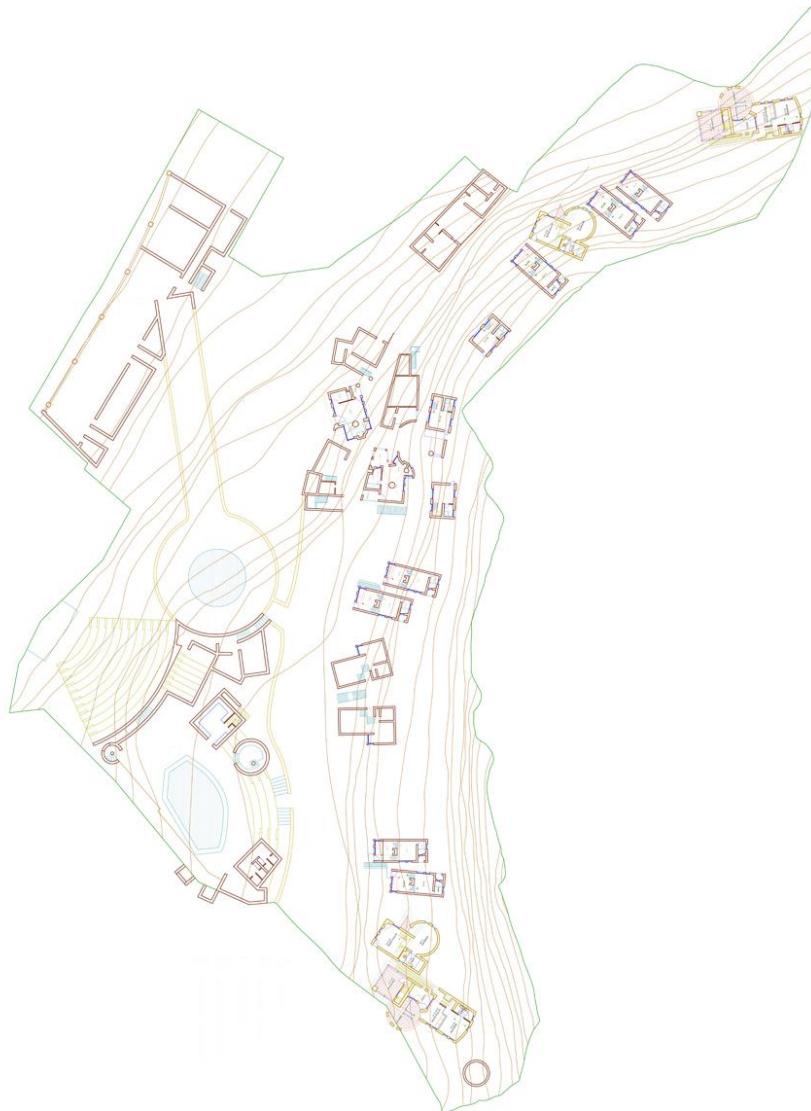


Figure 2.51 plan of resort

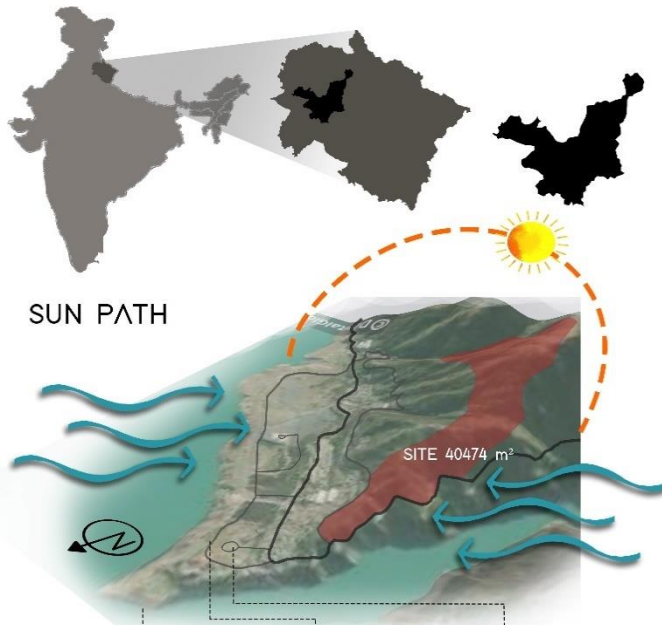
CHAPTER 3 – SITE STUDY

3.1 SITE ANALYSIS

SITE ANALYSIS

LOCATION

TEHRI GARHWAL DISTRICT LIES BETWEEN THE LATITUDE OF 30°03'N AND 30°53'N AND 77°56'E AND 79°04'E LONGITUDE. THE REGION IS MOUNTAINEOUS. THE RIVER BHAGIRATHI DIVIDES THE DISTRICT ROUGHLY INTO TWO. THE DISTRICT BORDERING TEHRI GARHWAL ARE UTTARKASHI IN THE NORTH, GARHWAL IN THE SOUTH, RUDRAPRAYAG IN THE EAST AND DEHRADUN IN THE WEST.



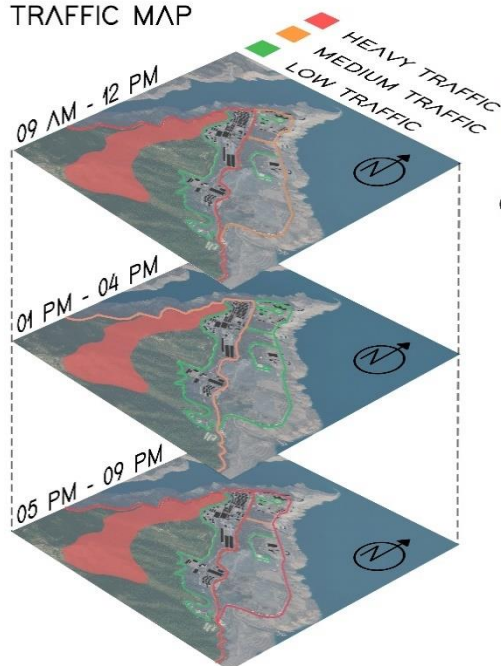
ACCESSIBILITY

AIR - THE NEAREST AIRPORT JOLLY GRANT IN DEHRADUN, WHICH IS 93KM FROM TEHRI. RAIL- THE NEAREST RAIL STATION IS RISHIKESH WHICH IS AROUND 73KM FROM TEHRI.

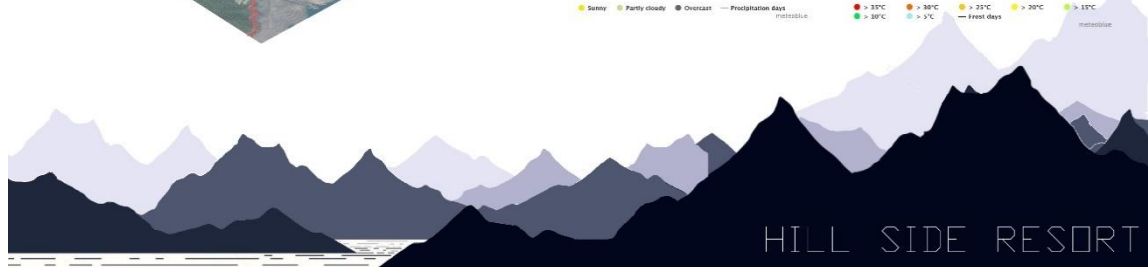
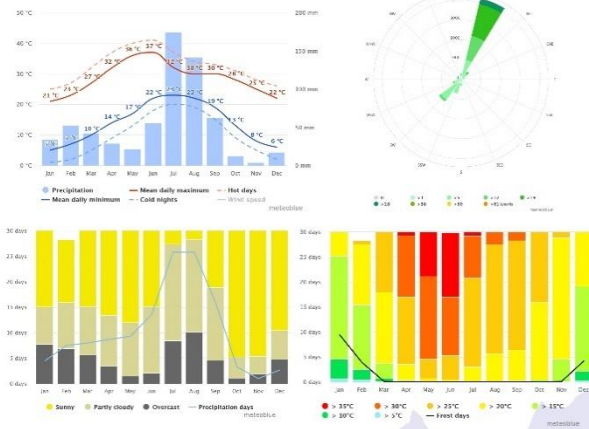
ROAD

THE DISTRICT IS WELL CONNECTED WITH THE CAPITAL CITY OF DEHRADUN BY RISHIKESH-DEVPRAG ROAD (SH-8) AND NARENDRANAGAR - CHAMBA - TEHRI - GHANSHALI ROAD.

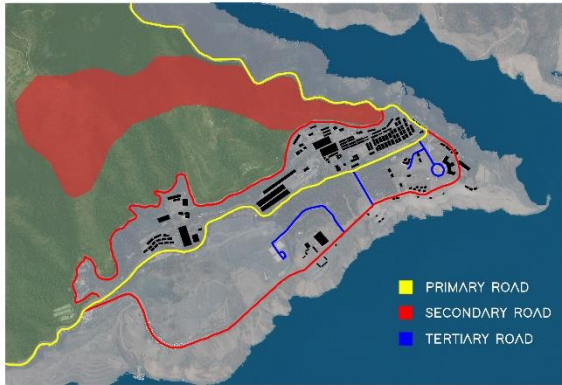
TRAFFIC MAP



CLIMATE

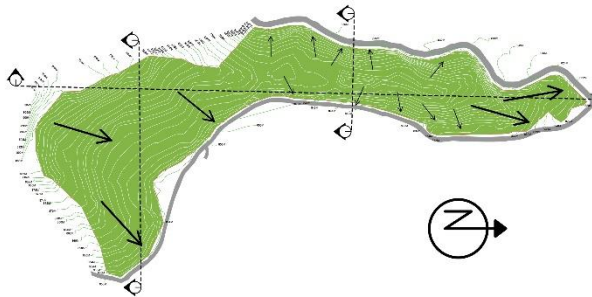


ROAD NETWORK



PRIMARY ROAD - STATE HIGHWAY -8

CONTOUR MAP

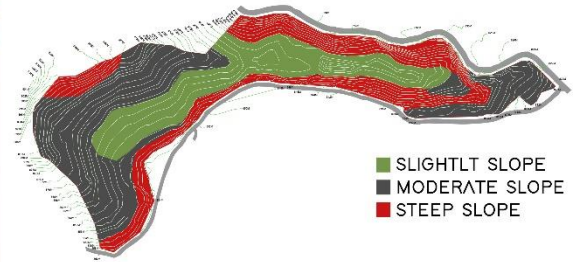


- THE SITE HAS A LOT OF CONTOURS WHICH VARIOUS FROM 820M TO 900M.
- THE HIGHEST POINT OF THE SITE IS IN SOUTHERN SIDE (900M)
- THE LOWEST POINT OF THE SITE IS IN NORTHERN SIDE (820M)

SITE SECTION



TYPES OF SLOPE



FLAT TO SLIGHTLY SLOPE

- SINGLE SLAB ON GROUND CONSTRUCTION IS ONLY FOR A SITE SLOPES BETWEEN 7% AND 10%, SHOULD ACCOMMODATE SOME LEVEL CHANGE WITHIN THE BUILDING FOOTPRINT.

MODERATE SLOPE

- FOR SLOPE BETWEEN 7% TO 20% STEPPING TWO OR MORE SLABS OR USING SLAB/PART POST OR BEAM CONSTRUCTION WOULD BE SUITABLE TO HANDLE THE SLOPE
- SINGLE SLAB ON GROUND

STEEP SLOPE

- FOR SLOPES BETWEEN 20% TO 30%, POST AND BEAM CONSTRUCTION SHOULD BE USED WHICH STEPS WITH THE SITE.
- THIS MAY INCLUDE A LOWER PART LEVEL WITH A CONCRETE SLAB.
- SINGLE SLAB ON A GROUND CONSTRUCTION SHOULD NOT BE USED.

SWOT ANALYSIS

<ul style="list-style-type: none"> - TEHRI DAM AS A TOURISM ASSET. - TEHRI HAS A RICH GEOGRAPHICAL FEATURES . 	<ul style="list-style-type: none"> - LACK OF EFFICIENT PUBLIC TRANSPORT. - DENSE VEGETATION 	<ul style="list-style-type: none"> - CREATING A PROGRESSIVE BUSINESS ENVIRONMENT. - WATER SPORT AND BOATING. 	<ul style="list-style-type: none"> - LANDSLIDE PRONE ZONE - HIGH SEISMIC RISK ZONE IV.
S	W	O	T



3.2 AREA STATEMENT

AREA STATEMENT



ADMINISTRATION AREA*

S.NO	NAME	AREA
1	RECEPTION	30 SQ.M
2	LOBBY	100 SQ.M
3	TOILET	30 SQ.M
4	ACCOUNTS OFFICE	20 SQ.M
5	PANTRY	15 SQ.M
6	MANAGERS ROOM	20 SQ.M
7	STAFF ROOM	30 SQ.M
8	SECRETARY ROOM	20 SQ.M
9	CONFERENCE ROOM	100 SQ.M
10	LUGGAGE ROOM	15 SQ.M
11	M.D ROOM	20 SQ.M
	TOTAL	400 SQ.M



RESTAURANT AREA*

S.NO	SPACES	AREA
1	DINNING	400 SQ.M
2	KITCHEN	100 SQ.M
3	DRY STORE	60 SQ.M
4	COLD STORE	30 SQ.M
5	WASH AREA	15 SQ.M
6	BAR	150 SQ.M
7	CONFERENCE	120 SQ.M
8	PANTRY	15 SQ.M
9	CAFE	80 SQ.M
10	VISITOR TOILET	40 SQ.M
11	STAFF TOILET	20 SQ.M
	TOTAL	1030 SQ.M



RECREATION AREA*

S.NO	SPACES	AREA
1	SWIMMING POOL	500 SQ.M
2	CHANGING ROOM	20 SQ.M
3	LIBRARY	200 SQ.M
4	INDOOR PLAY AREA	200 SQ.M
5	OUTDOOR PLAY AREA	400 SQ.M
6	GYM	200 SQ.M
7	AMPHITHEATRE	200 SQ.M
8	TOILET	50 SQ.M
9	BANQUET HALL	500 SQ.M
	TOTAL	2450 SQ.M



ROOMS AREA*

TYPE	NO.S	AREA	T. AREA
STANDARD ROOM	35	30 SQ.M	1050 SQ.M
DELUXE ROOM	25	40 SQ.M	1000 SQ.M
SUITE ROOM	20	50 SQ.M	1000 SQ.M
COTTAGE	25	60 SQ.M	1500 SQ.M
TOTAL			4550 SQ.M



SERVICES AREA*

S.NO	SPACES	AREA
1	STORE	30 SQ.M
2	SERVICE ROOM	35 SQ.M
3	HOUSE KEEPING	80 SQ.M
4	LAUNDRY	100 SQ.M
5	ELECTRICAL	100 SQ.M
6	SERVER ROOM	25 SQ.M
7	BOILER ROOM	30 SQ.M
	TOTAL	400 SQ.M



STAFF QUARTERS AREA*

TYPE	NO.S	AREA	T. AREA
LADIES ROOMS	12	25 SQ.M	300 SQ.M
GENTS ROOMS	15	25 SQ.M	380 SQ.M
STAFF LOCKER	02	30 SQ.M	60 SQ.M
STAFF DINING	01	60 SQ.M	60 SQ.M
TOTAL			800 SQ.M



HOSPITAL AREA*

S.NO	SPACES	AREA
1	CONSULTANCY	40 SQ.M
2	TREATMENT ROOM	310 SQ.M
3	TOILET	50 SQ.M
4	STAFF ROOM	40 SQ.M
5	PHARMACY	60 SQ.M
	TOTAL	500 SQ.M

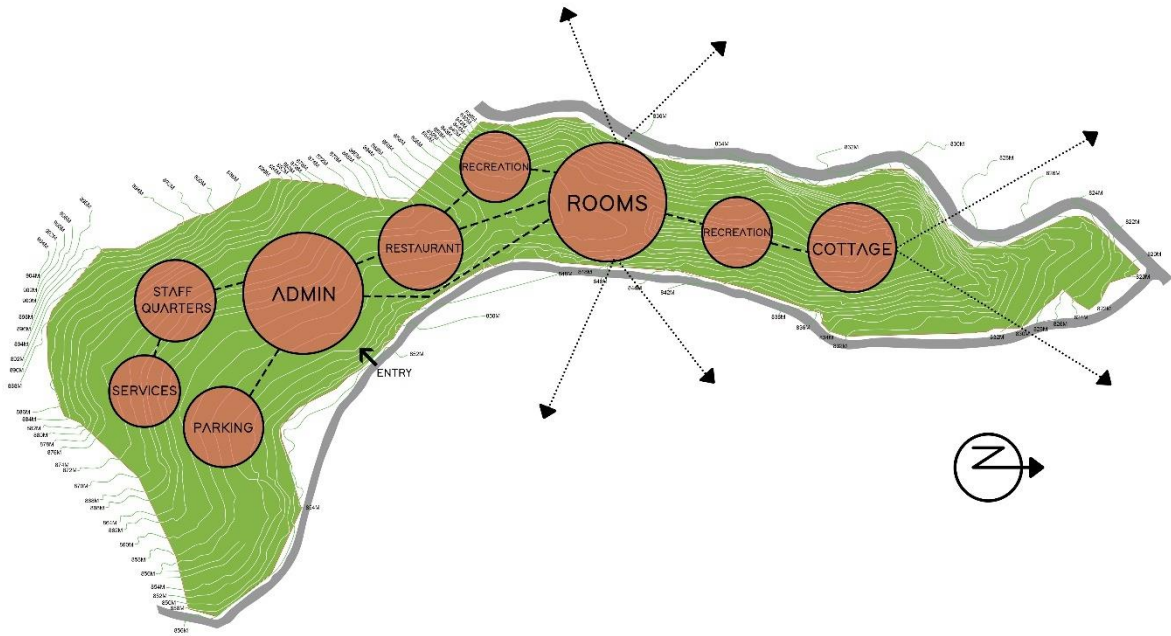
CIRCULATION SPACE 30%	2640 SQ.M
TOTAL BUILD UP AREA	11,440 SQ.M



HILL SIDE RESORT

3.3 SITE ZONING AND CONCEPT

SITE ZONING



CONCEPT

INSIDE OUT

A SPACE INSIDE WHICH YOU FEEL BEING OUTSIDE.

