

INTRODUCTION TO THE TOPIC:

- The Nasik cluster with its own speciality and image of being a fore runner in grape cultivation in the country is known as the "Grape capital of India". Though grape production has a long history in India, there has not been much of growth in this industry for a long time until recently, where merely any results are surfacing.
- For the survival of grape industry there is a need to *diversify the uses of grapes*. A complete package with a endeavor to exploit best out of grapes to crown the city of Nashik as "**THE HEAVEN OF GRAPES**" highlighting wholeness rather than merely just a product (wine) made out of it.
- To create and facilitate sustainable **agro tourism development** in Nashik along with a commercial teaching school where one can explore different uses of grapes with programs combining theoretical knowledge and skill based activities.
- The Grape Paradise is the only facility of its kind. It is neither a school nor a theme park, but a crossover venue combining cultural discovery, scientific dissemination, relaxation and edutainment. It responds to the expectations of visitors, tourists, students, and leisure consumers seeking an interactive and immersive experience.
- The Grape Paradise is a center for an **wholesome escape into the fascinating world of grapes**, a venture to capture a delightful array of fruit freshness. A paradise wherein all educational, emotional, bodily and spiritual needs are met along with a relaxing stay, enjoying the company of visitors of all ages in midst of lush green vineyard.

WHAT IS THE AIM OF THE TOPIC?

- The Nasik cluster with its own speciality and image of being a fore runner in grape cultivation in the country is known as the "Grape capital of India". Though grape production has a long history in India, there has not been much of growth in this industry for a long time until recently, where merely any results are surfacing.
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OBJECTIVES:

- To provide a complete range of facilities that lead to a complete grape enjoyment experience.
- SOCIAL-** To provide family friendly facilities.
 - ECONOMICAL-** To become an economic and social driver for the city by encouraging tourism.
 - EDUCATIONAL-** To provide a wide platform for research and knowledge in the field of grape processing which will inturn benefit the "make in India" concept.
 - ECOLOGICAL-** To synthesize a design that goes hand in hand with nature.
 - SPIRITUAL-** To create soothing environment for body and mind.

REASON BEHIND CHOOSING THE TOPIC:

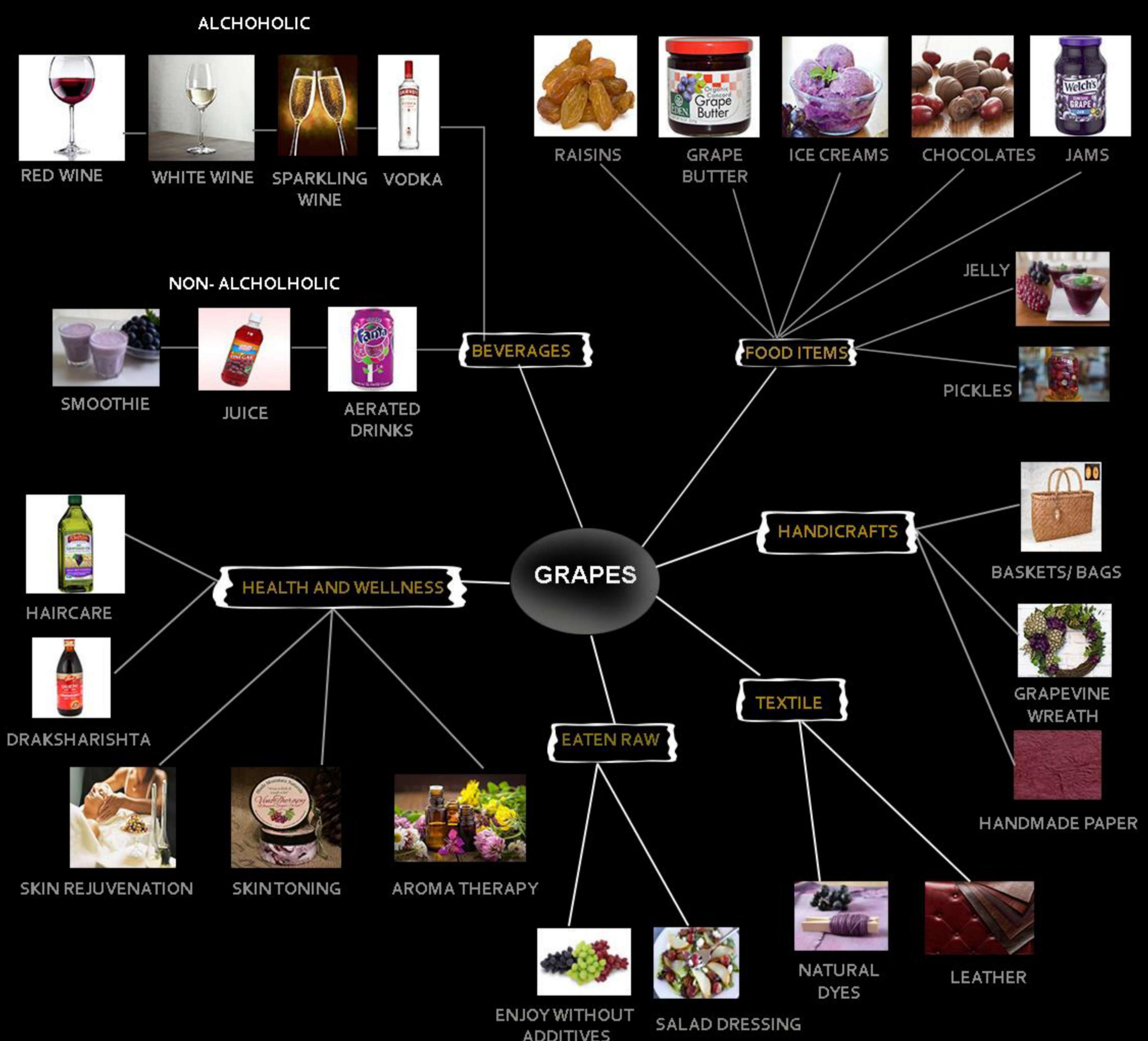
- PROMOTING COUNTRYSIDE FARMING-** The Grape area in Nasik District is a naturally developed cluster due to the agro-climatic conditions and easy availability of related inputs.
- FOOD PROCESSING HUB-** The project is to enhance the present performance of the group of farmer-businessman and to induce dynamism in the grape industry beyond the vineyards and barrels to fruit parks and the individual processing units.
- SUPPORT MAKE IN INDIA-** Initiative showcasing the potential of design, innovation and sustainability across India's manufacturing sectors in the coming decade that will spark a renewed sense of pride in India's manufacturing and take corporate and public participation to the next level and promote the following sectors.

FOOD PROCESSING:

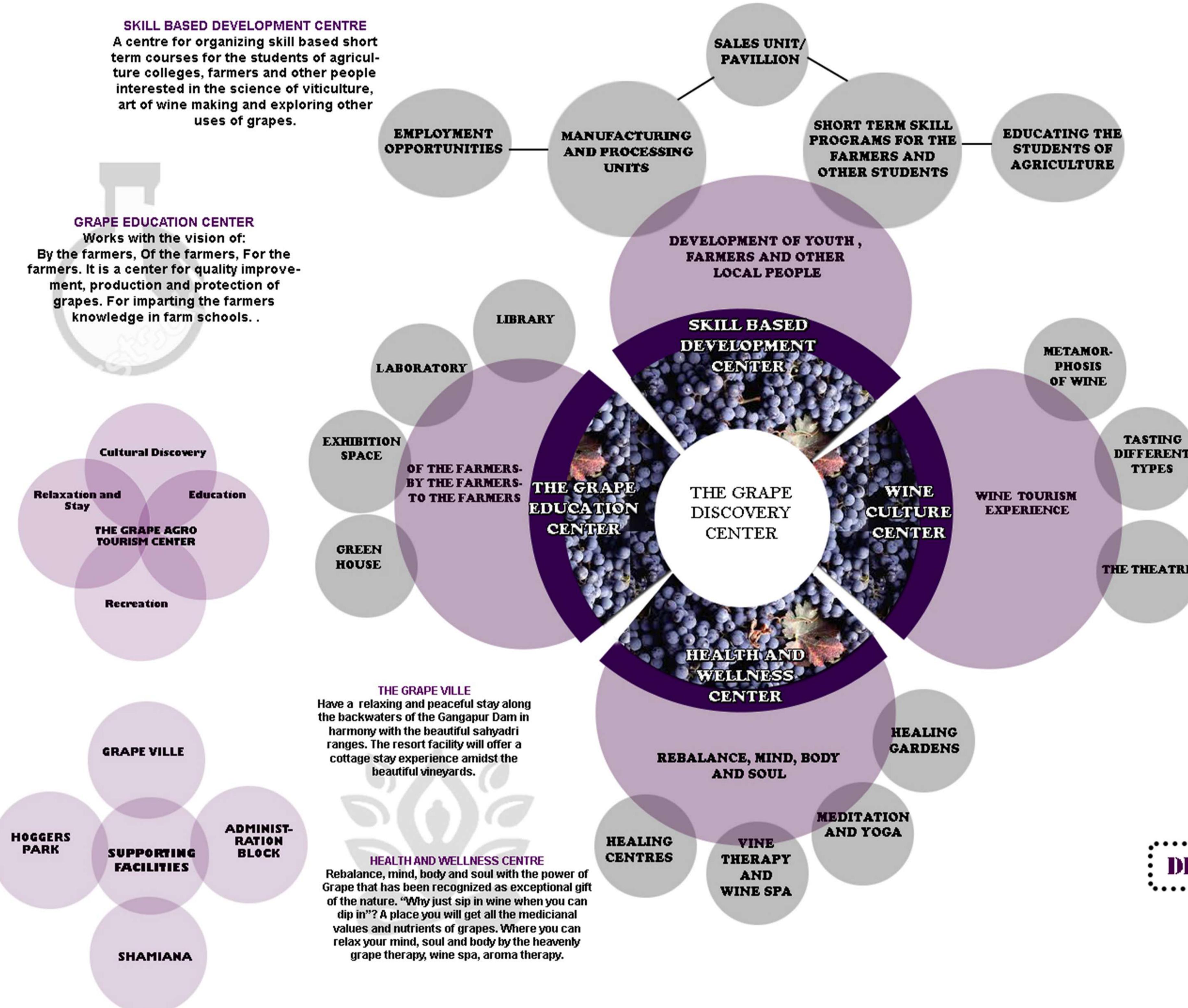
- Increasing desire for branded food as well as increased Spending power.
- Consumption in India is driven towards packaged and ready to Eat foods.
- Favourable economic and cultural transformation, shift in Attitudes and lifestyles, consumers are experimenting with different cuisines, tastes and new brands. There is an increase in awareness and concern for wellness and health, high protein, low fat, whole grain and organic food.



- PROMOTING TOURISM IN THE CITY OF NASIK AND GIVING IT AN IDENTITY:**
Nasik is selected for smart city mission in India. It is hoped that many industrial and commercial centers will be recreated as "smart cities" under this mission.



ENDLESS POSSIBLE USES OF GRAPES

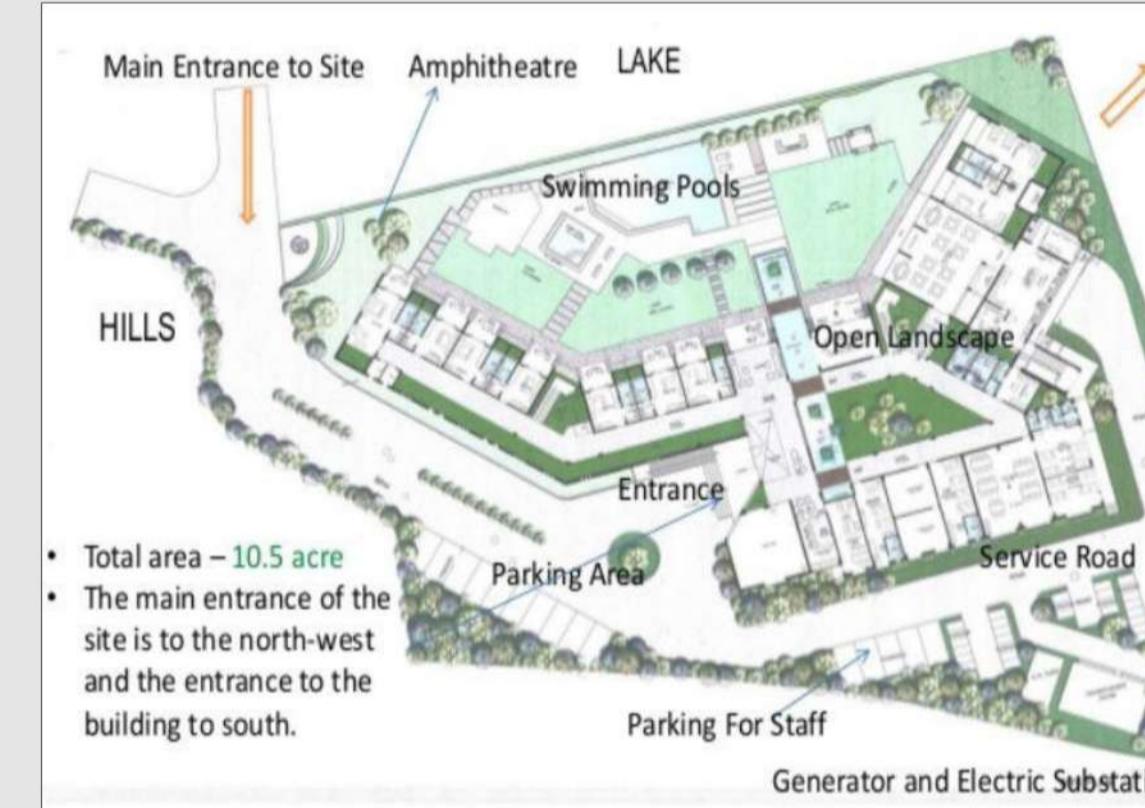
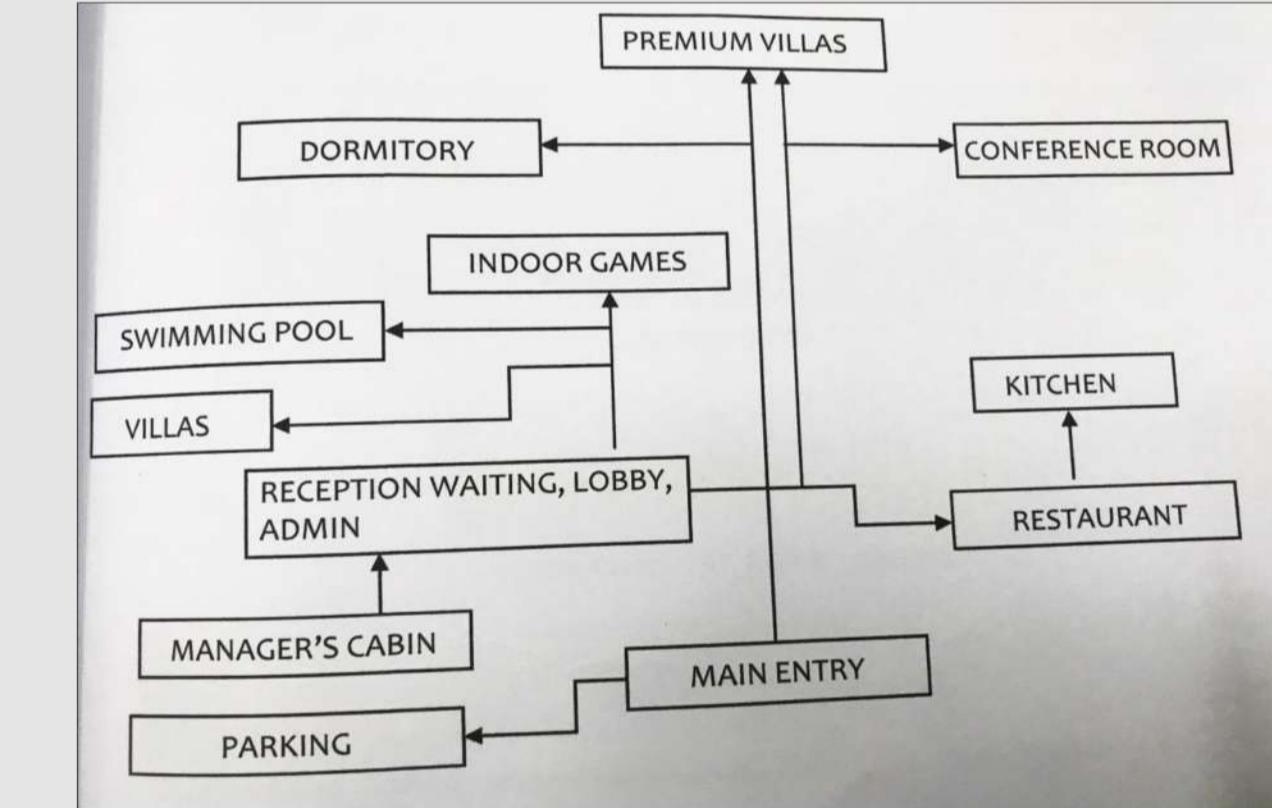


DESIGN PROGRAMME

COMPARATIVE ANALYSIS

SR. NO.	DESCRIPTION	SULA VINEYARDS, NASHIK	BEYOND RESORT, NASHIK	MALHAR MACHI RESORT, MULSHI, PUNE	CONCLUSION
7	ARCHIYECTURAL LANDSCAPE	 <ul style="list-style-type: none"> Landscaping is done in public areas like party lawns, open amphitheater, etc. 	 <ul style="list-style-type: none"> The criteria for design and landscape is kept simple and in tune with natural topography of the site using majority of the locally available materials for external ground covers, steps and water bodies. 	 <ul style="list-style-type: none"> Existing vegetation – Bougainvillea, palm,mango,ornamental Plants, coconut Baboon Trees. Pathway in Red Stone And Shahabad Stone. 	<p>Landscaping forms an important part of a winery as it gives a green and relaxing character to the winery. The vineyards can be integrated as part of landscaping.</p>
8	MATERIAL	Materials majorly used are concrete, steel and wood.	Steel columns/members, RCC, Bricks , Stones is basic material used. For roofing – Aluminum roofing	Combination of bricks , stone , & RCC. For roofing – Bamboo, baboon, steel sections, roofing tiles.	Commonly depends on area & surroundings of the site. Local material is preferred.
10	USER GROUP	<ul style="list-style-type: none"> Visitors from All over the world visit the SULA wines & is crowded on long weekends. Visitors from Mumbai, Pune, Lonavala,Nashik, Aurangabad come for rejuvenation,& even from other parts of maharashtra. Honeymoon couples, families, Youth . 	<ul style="list-style-type: none"> Visitors from Mumbai Lonavala,pune. Visitors from Nasik, aurangabad come for rejuvenation. Honeymoon couples, families. 	<ul style="list-style-type: none"> Visitors from mumbai Lonavala,pune. Visitors from Pune Satara come for rejuvenation. Honeymoon couples, families. 	Winery is a place where any generation can relax & have a peaceful holidays. Family holiday place.
11	FACILITIES	<ul style="list-style-type: none"> The backside of the restaurant is the1.5 acre Greek style amphitheater with professionally landscaped lawns and semi-circular seating with a capacity of 250 people. The restaurant forms a classy background for circular stage amphitheater Use of pillars is done to demark places. The amphitheater is used for various wine festivals and parties The visitor and the official entrance are same. The entrance lobby at the ground level is provide with waiting area for visitors and here the transparency is maintained 	<ul style="list-style-type: none"> The pool of light that it creates soothes the entire surrounding and links the common spaces visually. Mounds of green, together with sculptural champa trees, collaborate to cool down the space. The sit outs and the restaurant extend into the pool area surrounded by minimalist landscape forming spaces to meet, relax and enjoy the vineyards that provide a natural boundary to the overall space. A double height landscaped stretch along the passage area provides a vertical link and the thoughtfully designed punctures frame the view of the ever changing landscape outside. Structural steel members frame the units, exposing the enhanced column connections and the roofing system. The alternating repetition of the cluster forms an interesting skyline against the natural unhindered setting. 	<ul style="list-style-type: none"> The reception, dining hall and entry level court, at the mid level contour, were approached by the ascending black basalt stone steps, amidst mango trees. The central gathering space with camp fire court, swimming pool and viewing decks is enclosed with 3/4th rooms at lower counter. These units are placed in such a way that to have avenues from central space towards the lake, on the other side the serpentine stone wall runs through and across the site. The stone wall also connects the service activities like spa, indoor games, gym, and changing rooms from central space. The wall is a visual like which engulfs the whole site together at the central space. The criteria for design and landscape is kept simple and in tune with natural topography of the site using majority of the locally available materials for external ground covers, steps and water bodies. 	All facilities should be designed and provided as per the capacity of the vineyards. Incorporate the architectural aspects to make it more luxurious.

COMPARATIVE ANALYSIS

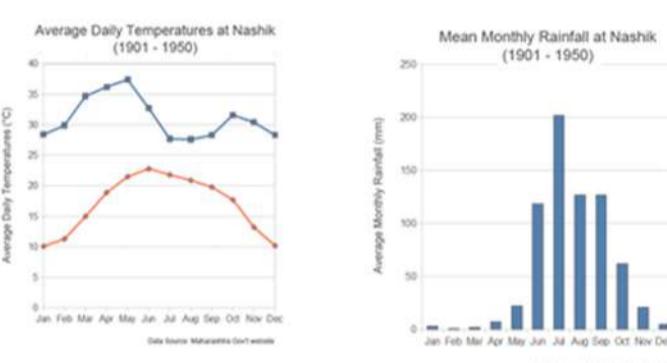
SR. NO.	DESCRIPTION	SULA VINEYARDS, NASHIK	BEYOND RESORT, NASHIK	MALHAR MACHI RESORT, MULSHI, PUNE	CONCLUSION
1	LOCATION & ACCESSIBILITY	<ul style="list-style-type: none"> The winery is located 7.5km away from the city and can be reached by Trimbak road or Gangapur Road. The winery is joined to the Gangapur Road by a narrow 4km long road through beautiful surroundings of hills, vineyards and some other crop fields. <ul style="list-style-type: none"> Airport- 34 Kms ; 50 min by car Railway- 40 kms : 40 min by car 	<ul style="list-style-type: none"> The winery is located 7.5km away from the city and can be reached by Trimbak road or Gangapur Road. The winery is joined to the Gangapur Road by a narrow 4km long road through beautiful surroundings of hills, vineyards and some other crop fields. <ul style="list-style-type: none"> Airport- 34 Kms ; 50 min by car Railway- 40 kms : 40 min by car 	<ul style="list-style-type: none"> The site is situated on the slopes of Sahyadri mountain ranges, barely 30 kms away from Pune City, in village Valne in Mulshi is dealt with a very basic and simple design solution to create cozy, warm and vernacular ambience. <ul style="list-style-type: none"> By air- Pune airport- 65 kms By rail- Lonavla railway- 60 kms By road- Mumbai- 200 kms, Pune - 40 kms 	The road connecting to the site or vineyard should be comfortable to drive and should be guided by proper signages.
2	SCALE	Total Site area 40468.5 sq.m	Total Site area 42491.99 sq.m	Total Site area 24281.13 sq.m	Area of the Winery depends upon its capacity.
3	TYPOLOGY	Contoured with slope towards west side, soil is red laterite suitable for grapes.	Contoured with slope towards west side, soil is red laterite suitable for grapes.	The site is a sloping site. Sloping towards Mulshi Dam.	Site having slope is good for Vineyards.
4	CONCEPT	Exotic view of gangapur dam from Wine lounge	Integration of spaces with maximum viewing spaces	To create a eco-friendly resort with luxurious environment with lots of recreational facilities.	Designing luxurious exotic yards with a vernacular design essence.
5	SITE ZONING	 <p>1. RECEPTION 2. WINERY 3. PARKING 4. ADMIN BLOCK 5. SERVICE ROOMS 6. WAREHOUSE 7. RESTAURANT 8. AMPHITHEATRE</p>	 <ul style="list-style-type: none"> Total area - 10.5 acre The main entrance of the site is to the north-west and the entrance to the building to south. 		Public spaces should be designed in such way which has complete view of the surrounding landscape. Private zone should be separated to maintain privacy.
6	CIRCULATION	<p>Circulation space is well made multi functional. Passages are portrayed as vintage wine gallery, fully transparent, overlooking the bottling and labeling area. This visual access is permitted to the manufacturing and processing areas.</p>	Horizontal circulation is more in this design.	Organization of activities is horizontal, whole ground structure except 3 cottages(G+1)	Mostly horizontal spacing is required for more vintage and nature friendly atmosphere.
7	PARKING	<ul style="list-style-type: none"> Parking for visitors is provided at west side of the new building near the admin block. The staff parking is near the old factory building. A 5m wide internal concrete road connects the parking and the old factory, administration block, vineyards and restaurants. 	Separate parking for staff and visitor's provided.	Provision of 40 cars, in case of emergency	Separate parking for staff ,visitor's & transport services should be provided with extended parking area in festive season.

SITE ANALYSIS

LOCATION

The site is located in Nasik Maharashtra, as Nasik is one of the largest producers of Grapes.

The is far away from the main city near the Gangapur dam in Govardhan village on Gangapur Savargaon Road.



CLIMATE OF NASIK

Nasik has a moderate kind of climate and soil conditions which are completely suitable for growing of grapes.

The wind rose for Nasik shows how many hours per year the wind blows from the indicated direction. Example SW: Wind is blowing from South-West (SW) to North-East (NE). Cape Horn, the southernmost land point of South America, has a characteristic strong west-wind, which makes crossings from East to West very difficult especially for sailing boats.

SITE SURROUNDINGS



The site is surrounded by hills on the South side, a 6 mts wide road which leads to the dam backwaters is to the West. The view of the dam is to the North and the Site is slightly sloping towards North. There is a road on the South site as well which is the 8 mts wide Gangapur Savargaon road.



S.W.O.T. ANALYSIS OF SITE

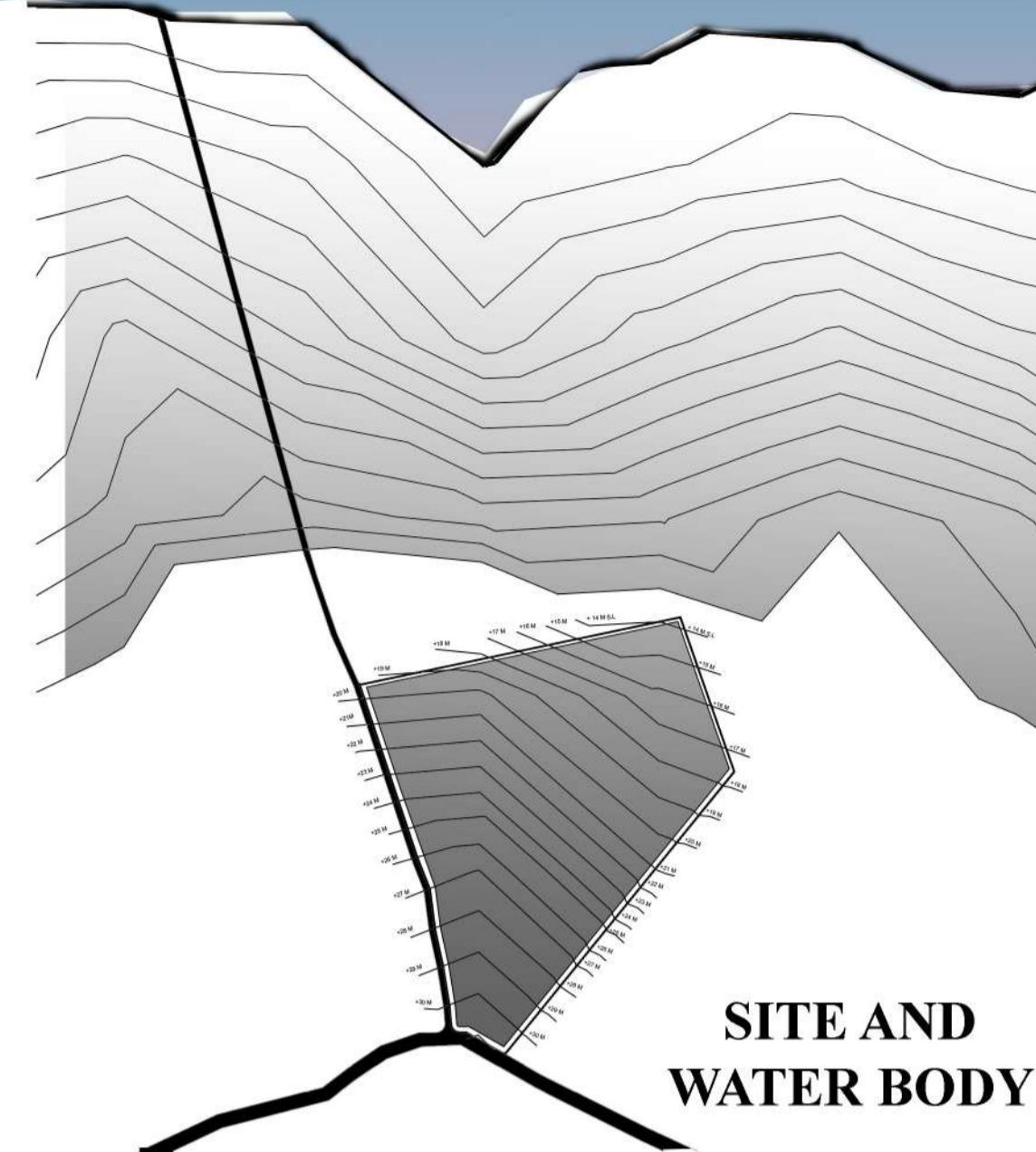
STRENGTH:

- THE SITE IS ON A SLOPE HENCE ALL THE STRUCTURES CAN GET AN UNOBSTRUCTED VIEW OF THE DAM.
- THE SITE IS ON THE ROAD FRONT.
- THERE IS A SEASONAL STREAM FLOWING FROM THE SITE WHICH COULD BE WELL UTILISED FOR IRRIGATION.

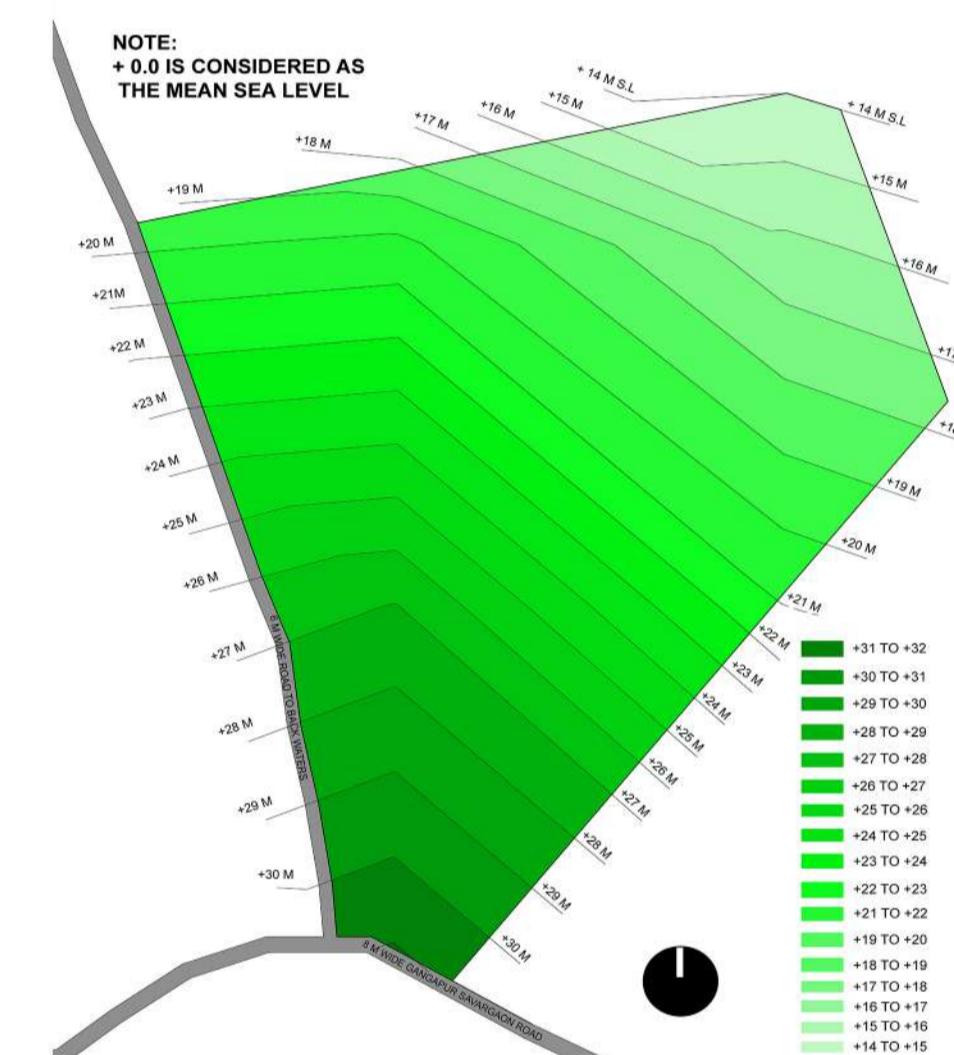
WEAKNESS: THERE IS ALMOST NO EXISTING VEGETATION ON THE SITE.

OPPORTUNITY: THIS VENTURE COULD CREATE EMPLOYMENT OPPORTUNITY TO THE NEARBY VILLAGERS OF THE GOVARDHAN VILLAGE.

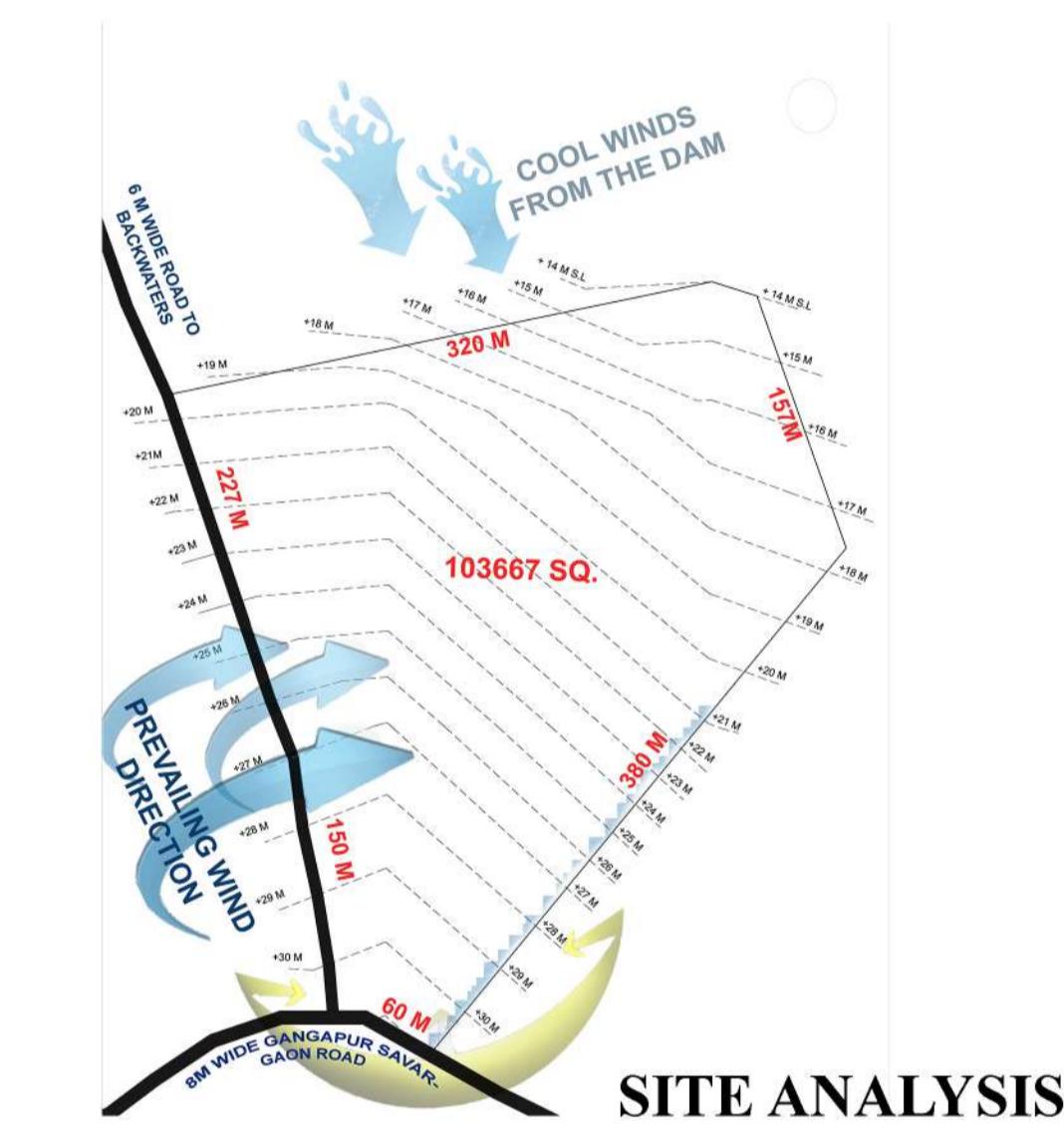
THREATS: ANY RESIDENTIAL DEVELOPMENT ON THE NEIGHBOURING PLOTS IN THE FUTURE COULD BE A THREAT.



SITE AND
WATER BODY



CONTOUR ANALYSIS



SITE ANALYSIS



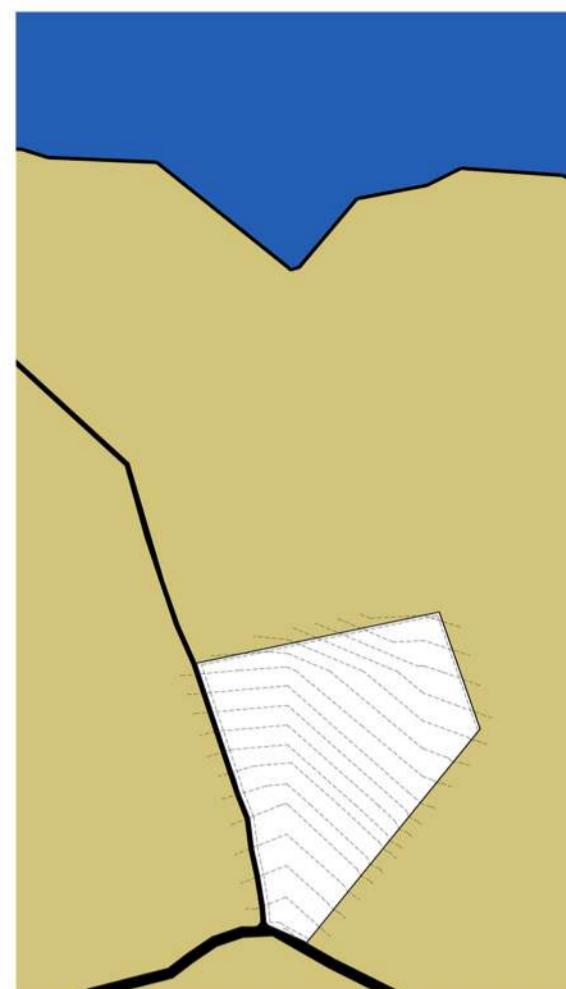
MOUNTAINS TOWARDS SOUTH



VIEW OF WATER BODY TOWARDS NORTH

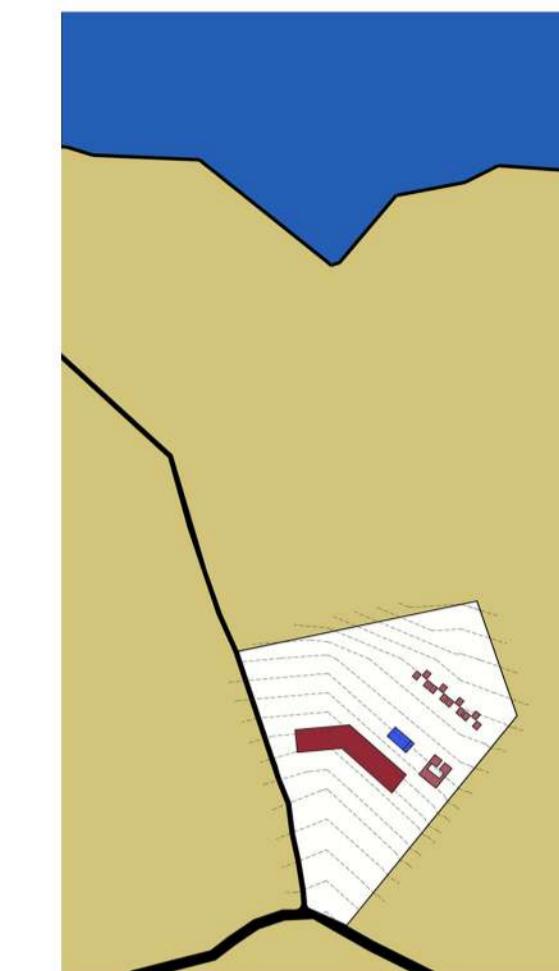


EVOLUTION OF DESIGN



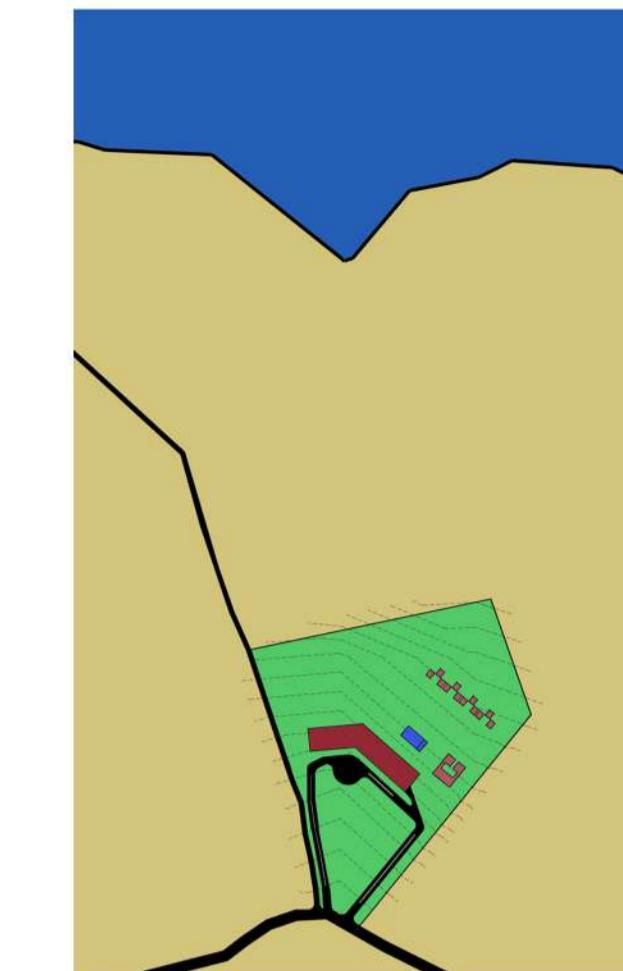
STAGE-1: SITE SURROUNDING

- THE SITE IS SURROUNDED BY A LARGE BEAUTIFUL WATER BODY TO THE NORTH. HENCE MAXIMUM SPACES SHOULD GET THE VIEW OF THE WATERBODY.
- THE SITE IS SLOPING DOWNWARDS HENCE ACTIVITIES CAN BE SEGREGATED ACCORDINGLY TO OFFER VIEW.



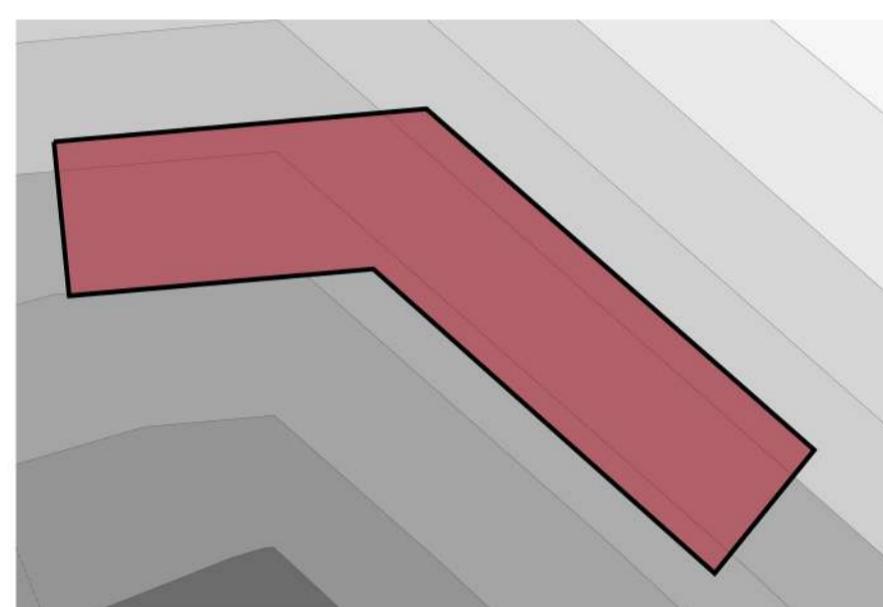
STAGE-2: BUILT FORM

- THE BUILT FORM IS PLACED ALONG THE CONTOURS IN A LINEAR MANNER SO THAT MAXIMUM SPACES COULD OFFER VIEW.
- THE COTTAGES ARE ARRANGED ON THE LOWER CONTOURS SO THAT THEY DO NOT OBSTRUCT THE VIEW.



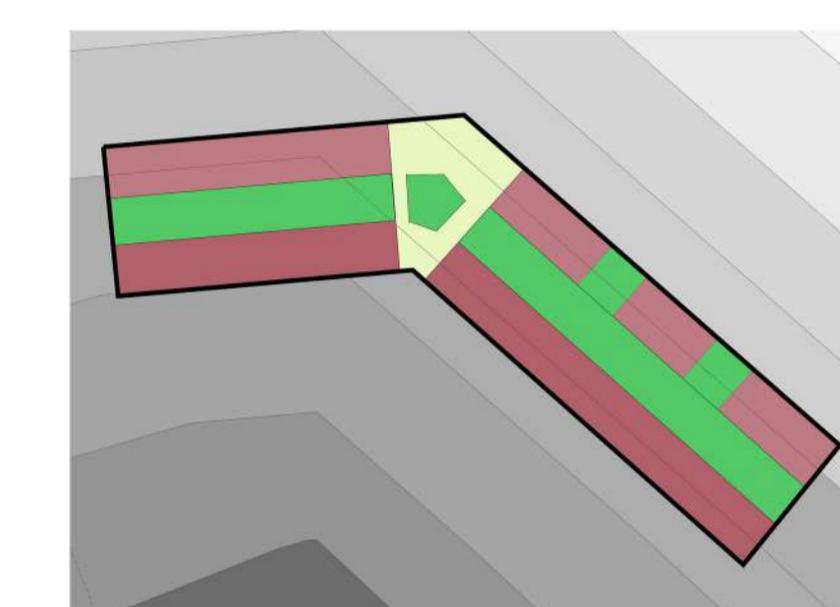
STAGE-3: ENTRANCE TO THE SITE

- THE MAIN 15 MTS WIDE ROAD IS THE ENTRANCE ROAD TO THE SITE WHICH CREATES A JOURNEY TILL YOU REACH THE STRUCTURE WITH VINEYARD ON EITHER SIDE.
- THE MAIN VISITOR'S ACCESS IS SEPERATED FROM THE SERVICE ENTRY BY THE VINEYARDS.



STAGE-4: PLACING UP OF STRUCTURE

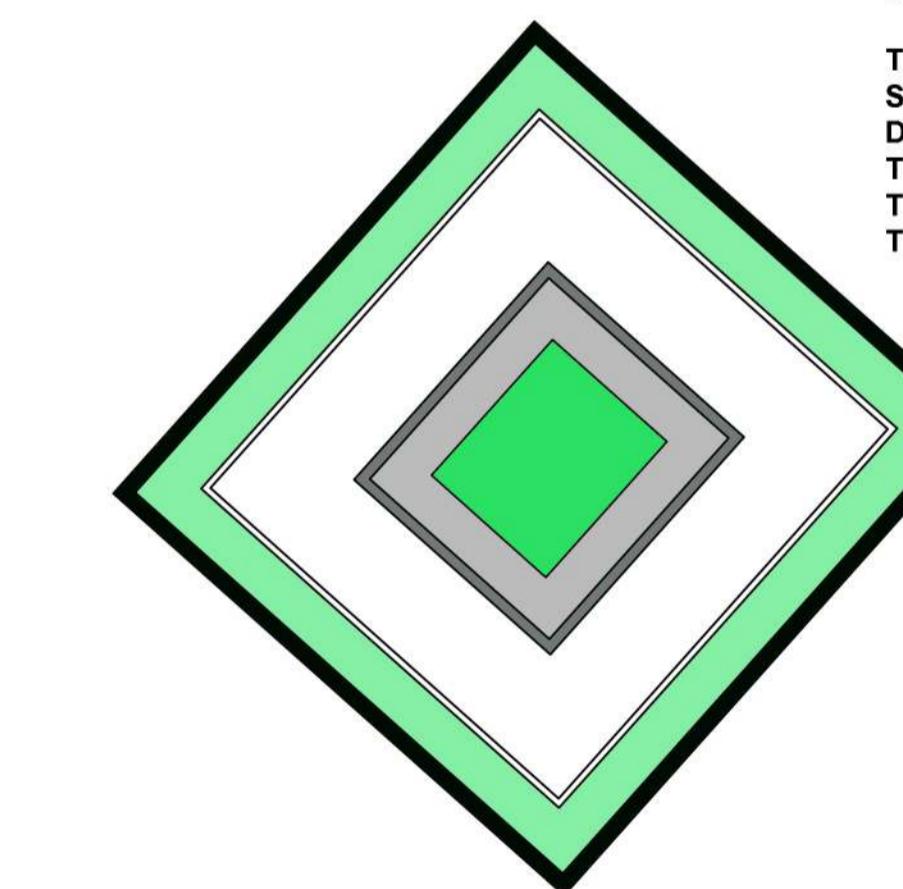
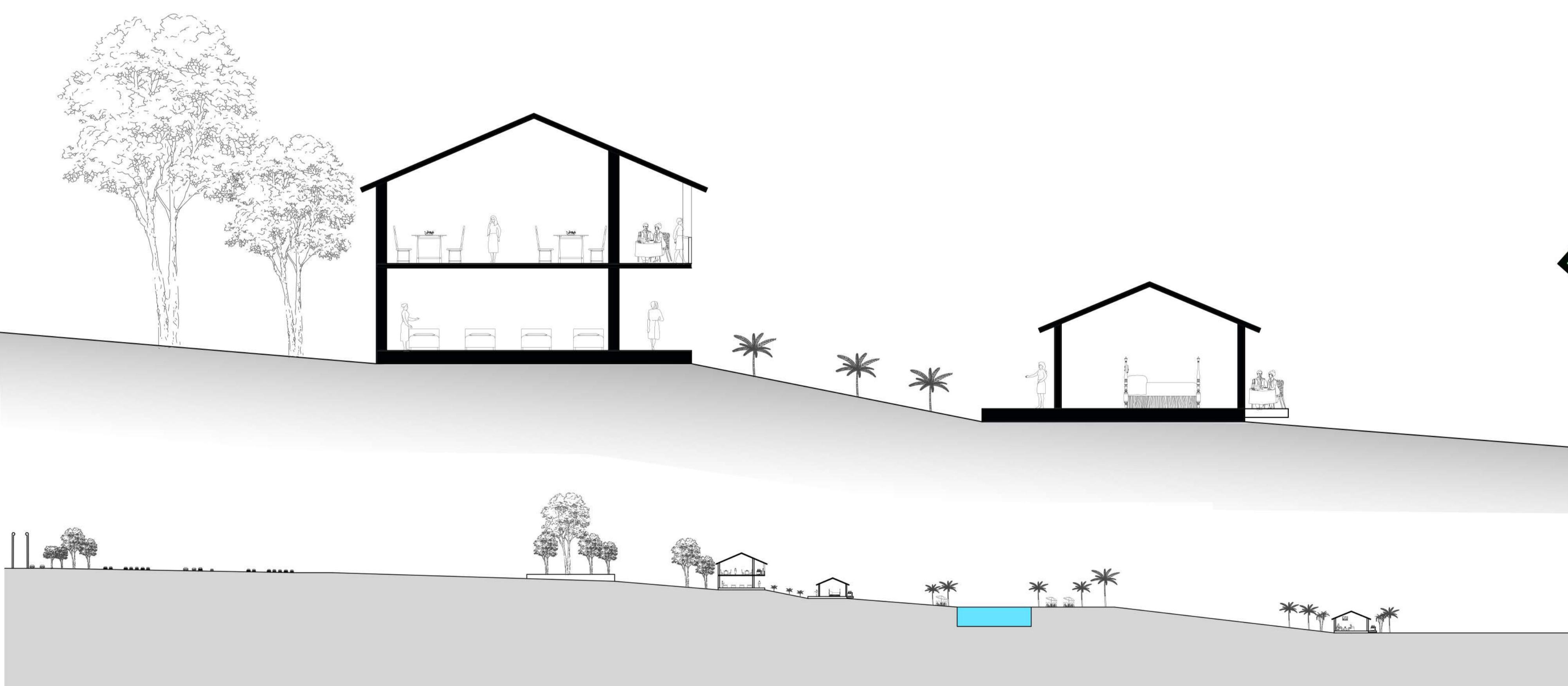
THE BUILDING IS PLACED ACCORDING TO CONTOUR LEVELS, AND FURTHER SPLIT ACCORDINGLY.



STAGE-5: SEGREGATION OF ACTIVITIES

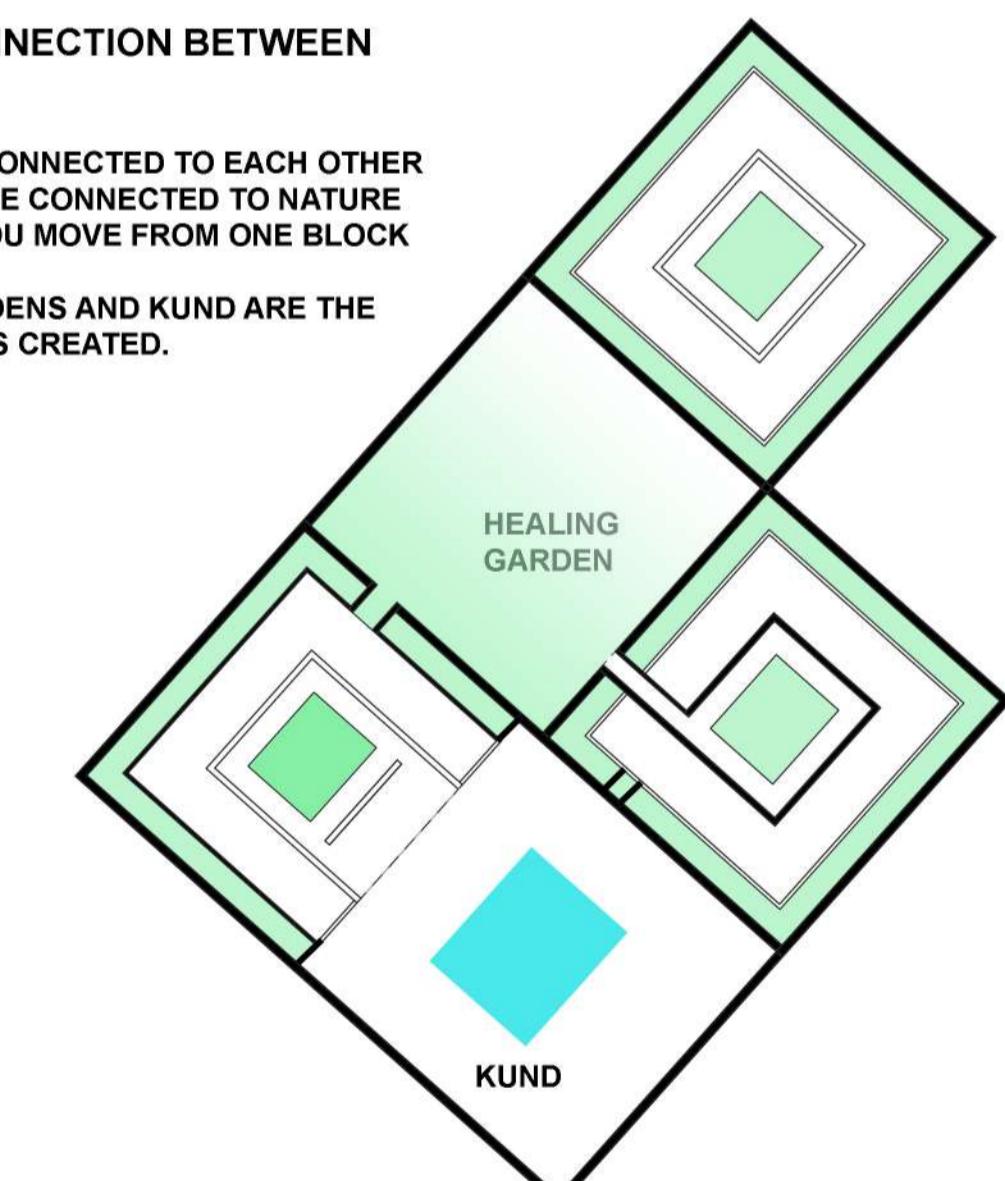
- THE SKILL BASED DEVELOPMENT CENTER AND THE RESORT ROOMS ARE SEGREGATED INTO TWO DIFFERENT BLOCKS.
- THE ACTIVITES WHICH REQUIRE VIEW SUCH AS RESTAURANTS ARE PLACED ON THE FIRST FLOOR, AND THE RESORT ROOMS ARE PLACED PACING THE WATERBODY ON THE GROUND FLOOR.
- COURTS ARE INCORPORATED BETWEEN THE ROOMS TO BREAK THE LINEARITY.

WELLNESS CENTER MODULE DEVELOPMENT



STAGE-1: BUILT AND UNBUILT PROPORTION

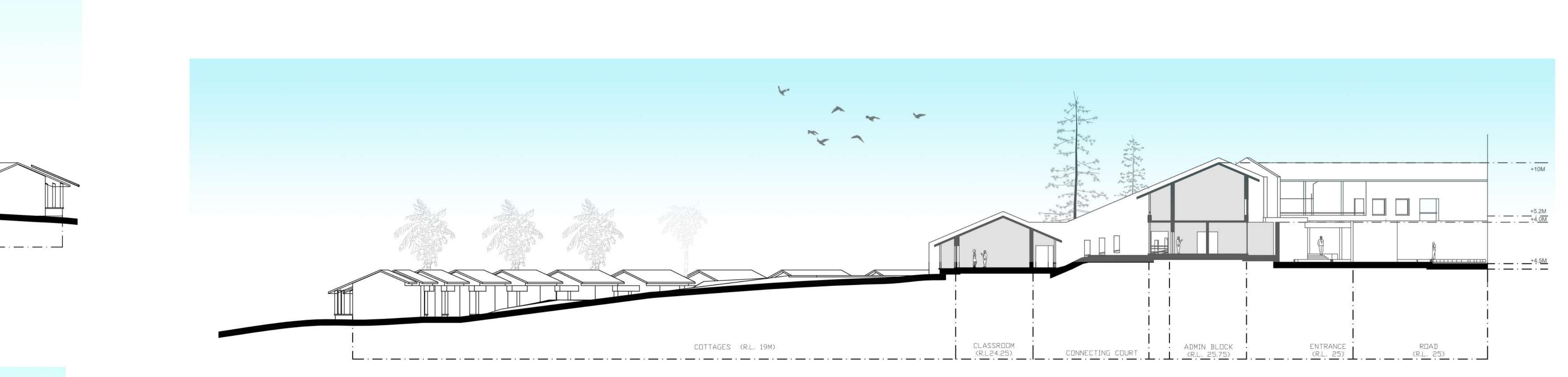
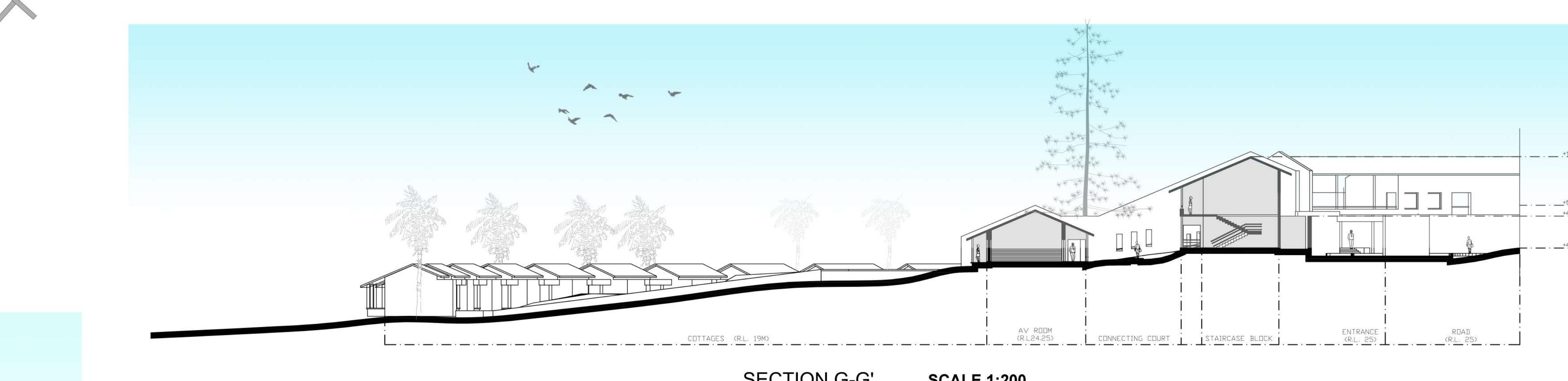
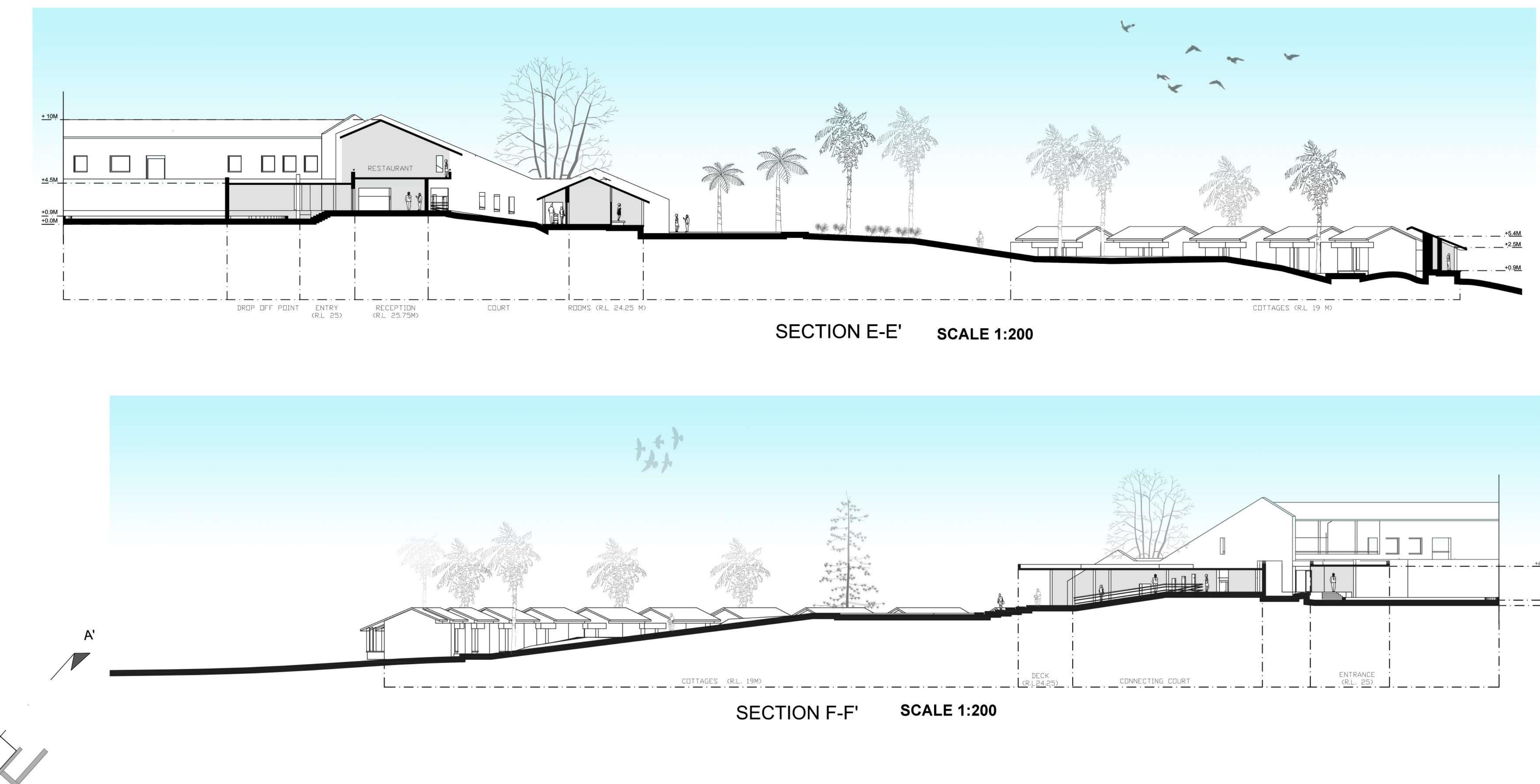
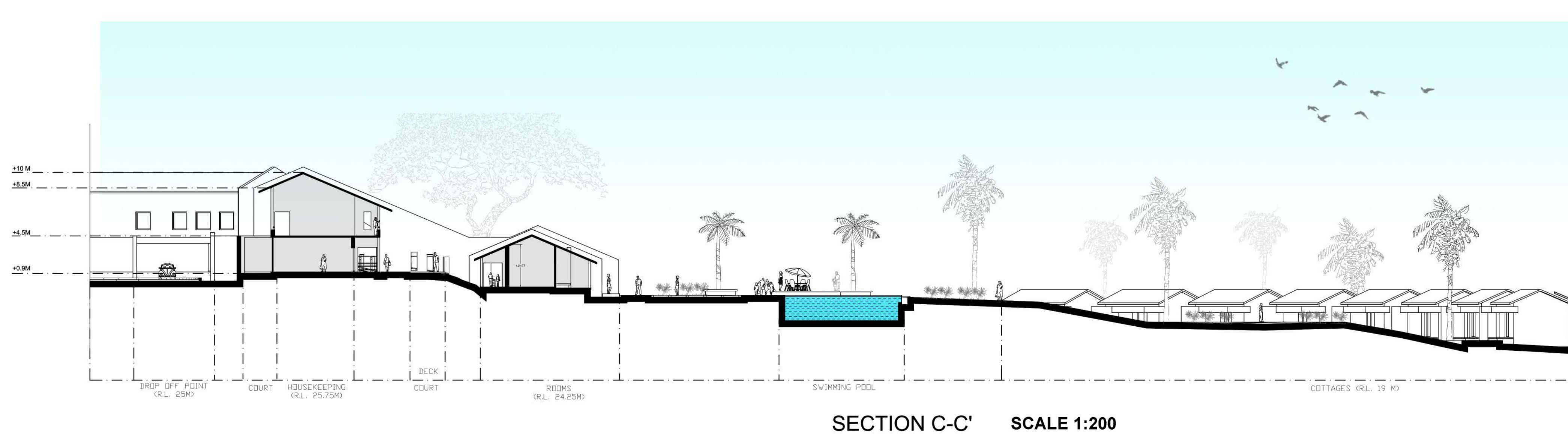
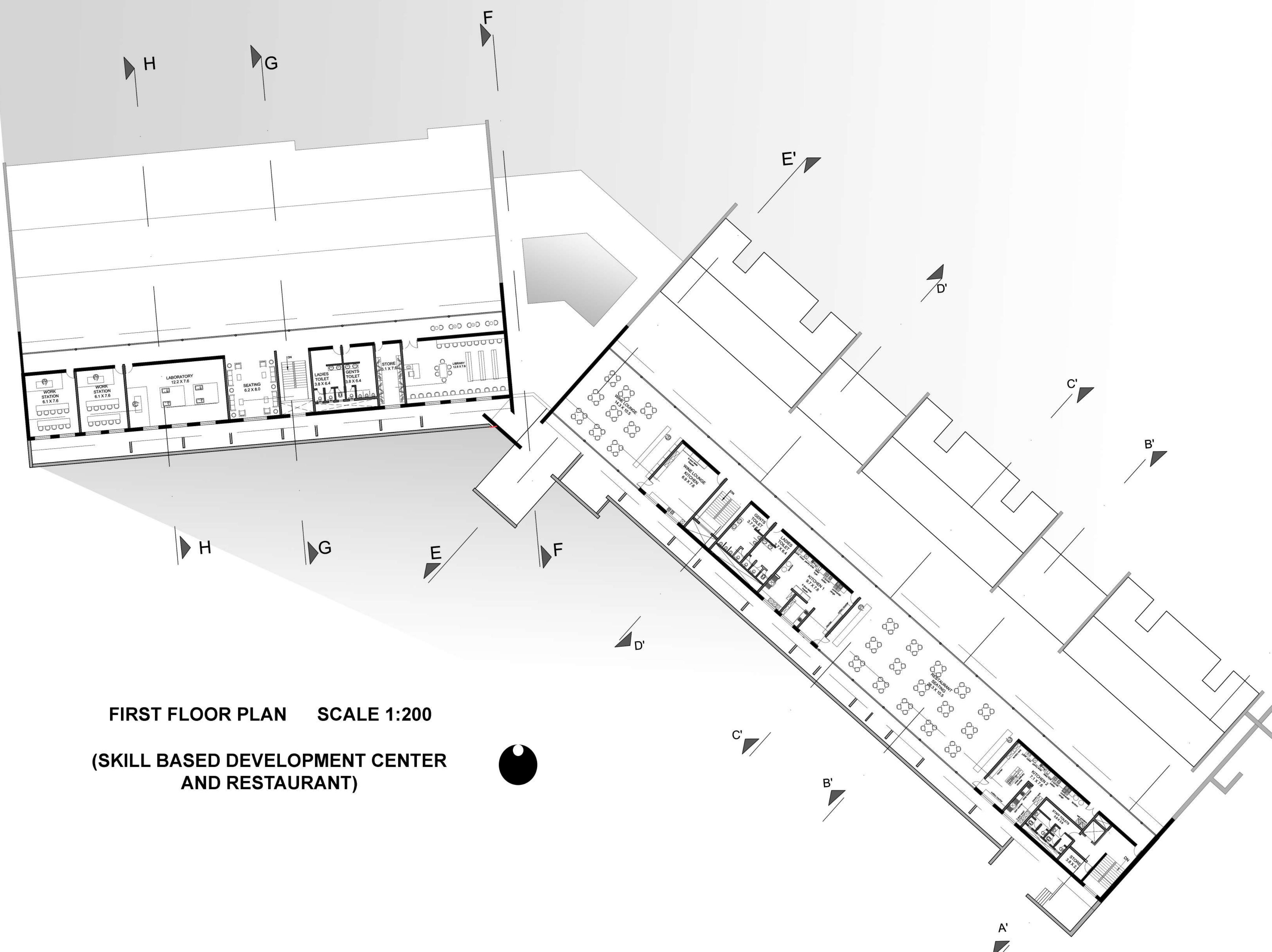
WELLNESS CENTER IS A PLACE WHICH ACTUALLY DOES NOT REQUIRE VIEW BUT NEEDS CONNECTIVITY WITH NATURE THAT IS SKY, GREENERY AND WATER.

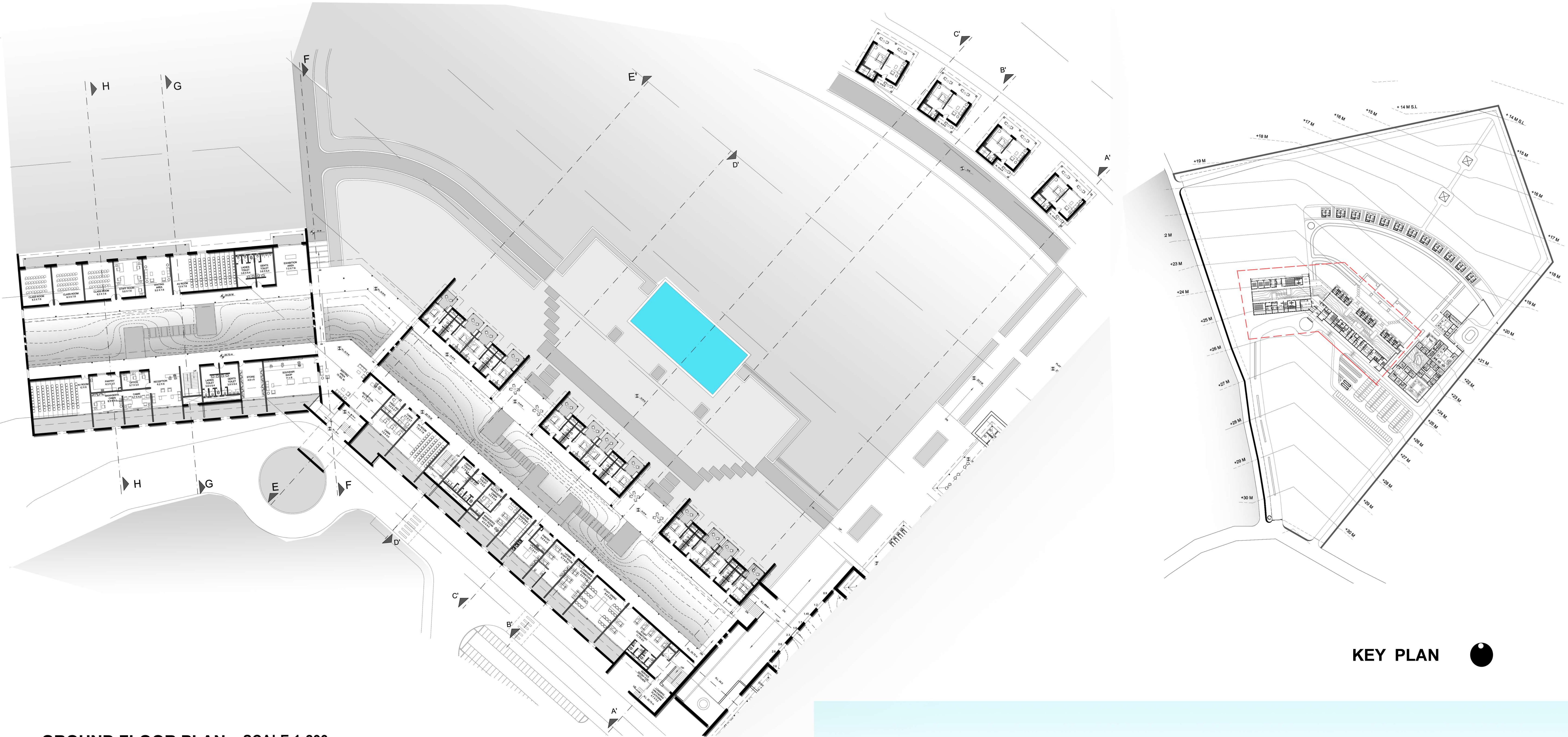


STAGE-2: CONNECTION BETWEEN SPACES

THE SPACES ARE CONNECTED TO EACH OTHER SUCH THAT YOU ARE CONNECTED TO NATURE DIRECTLY WHEN YOU MOVE FROM ONE BLOCK TO ANOTHER. THE HEALING GARDEN AND KUND ARE THE TRANSITION SPACES CREATED.

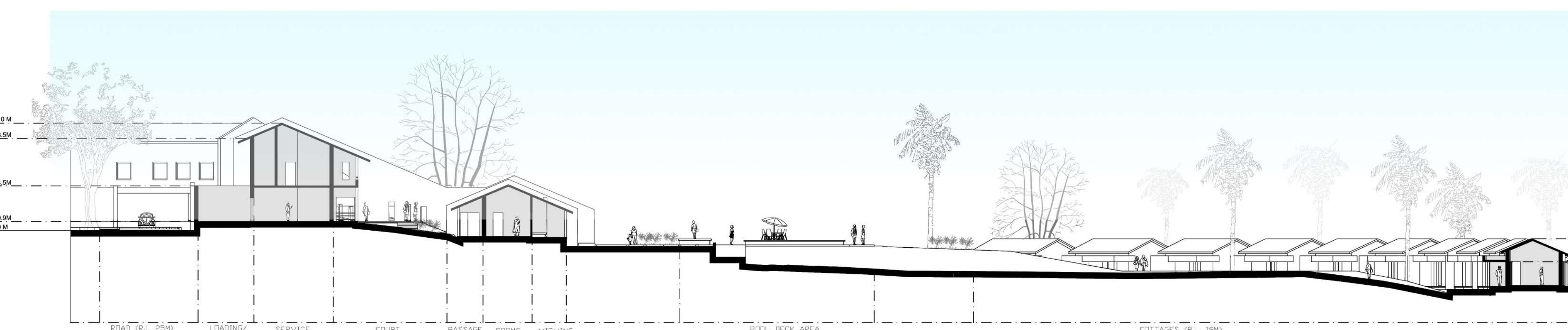




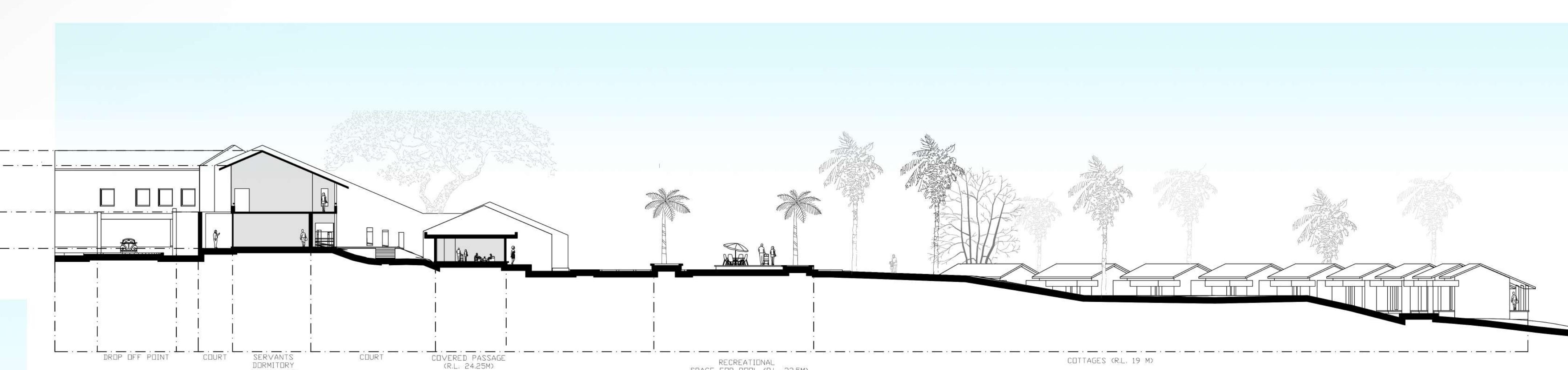


KEY PLAN

GROUND FLOOR PLAN SCALE 1:200
(SKILL BASED DEVELOPMENT CENTER
AND RESORT)

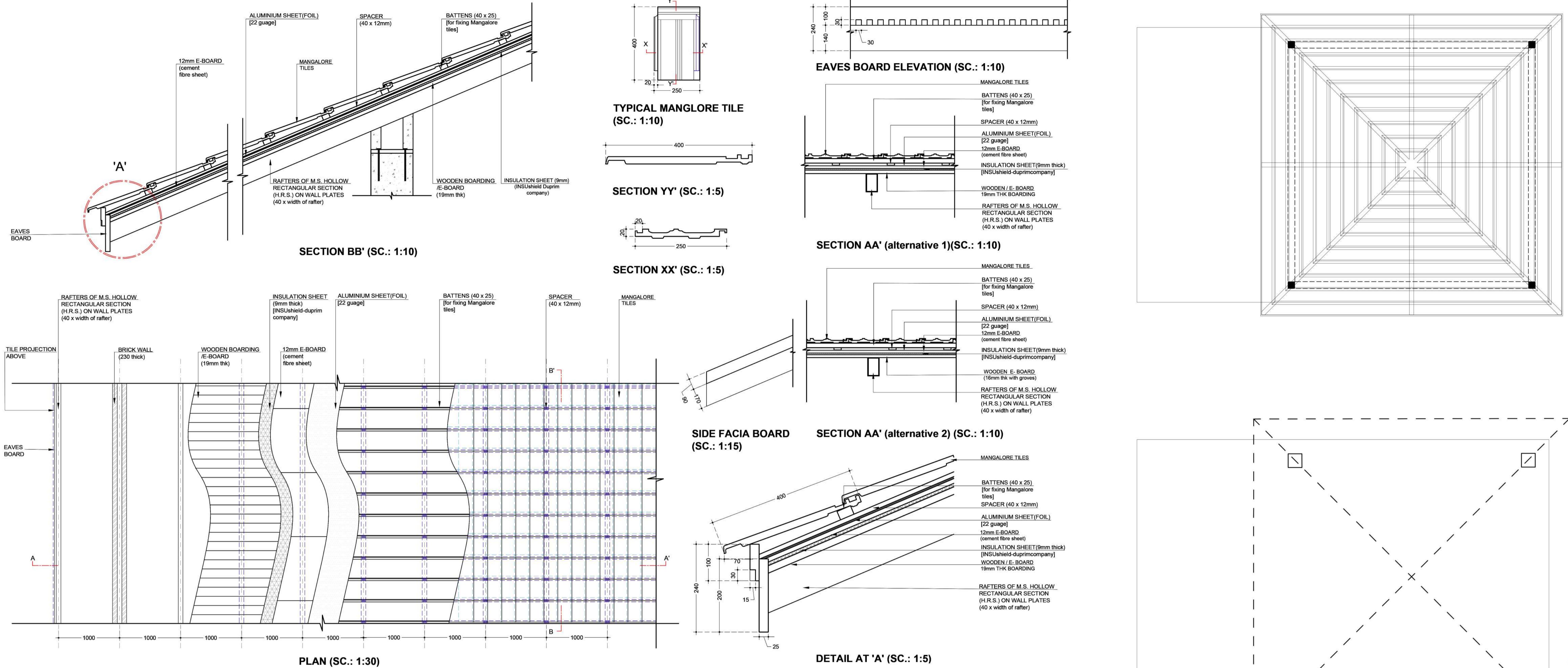


SECTION A-A' SCALE 1:200

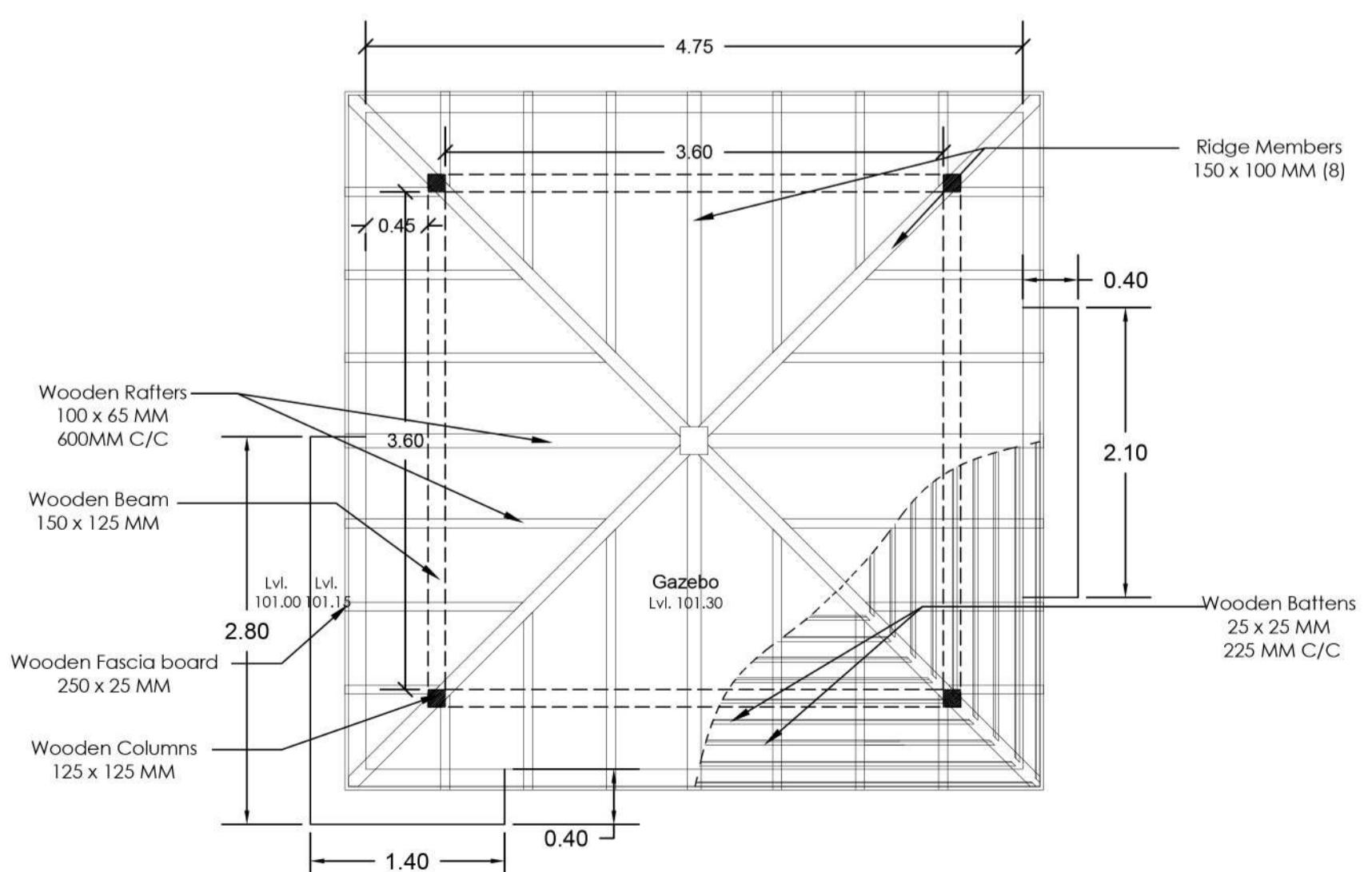
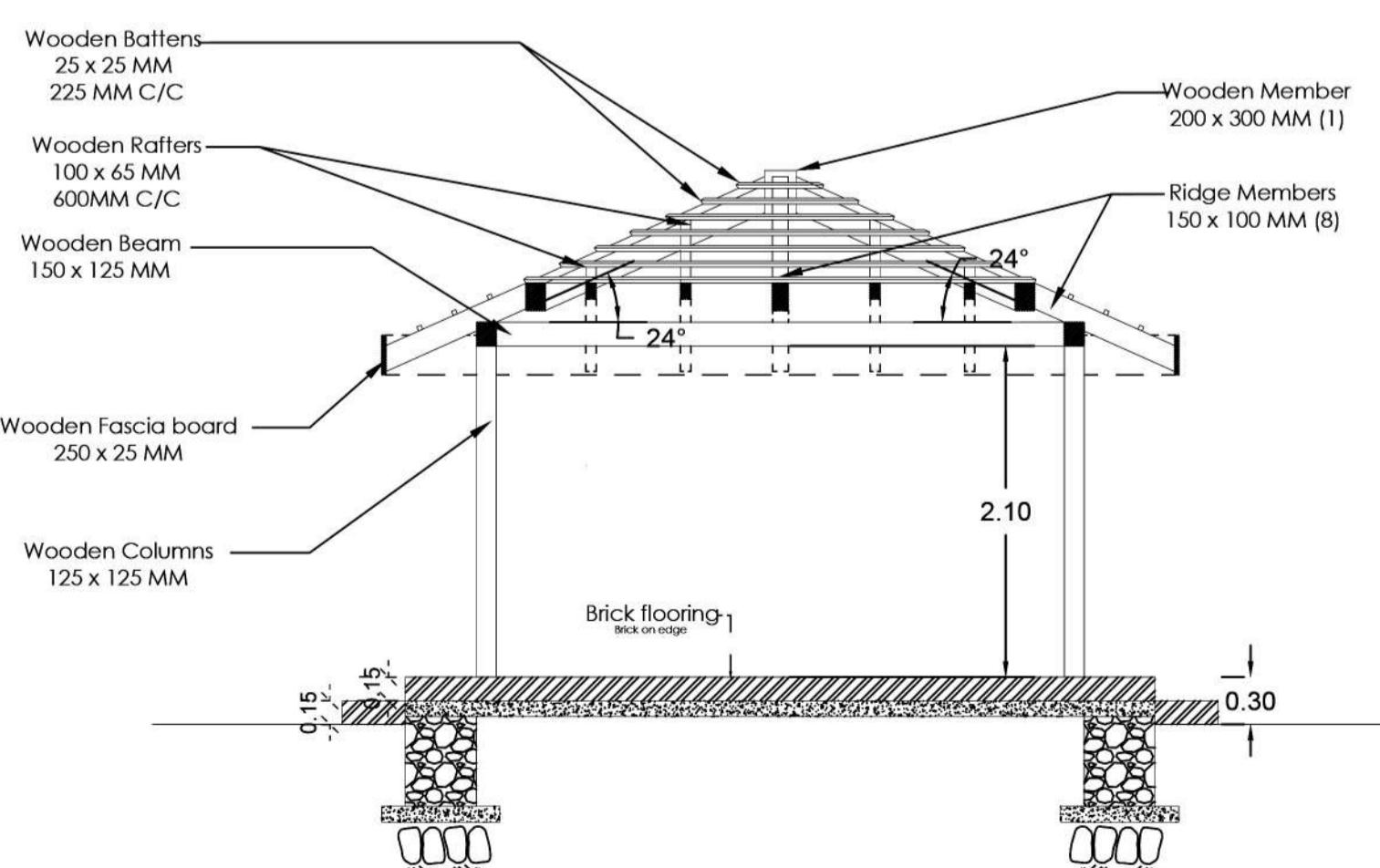


SECTION B-B' SCALE 1:200

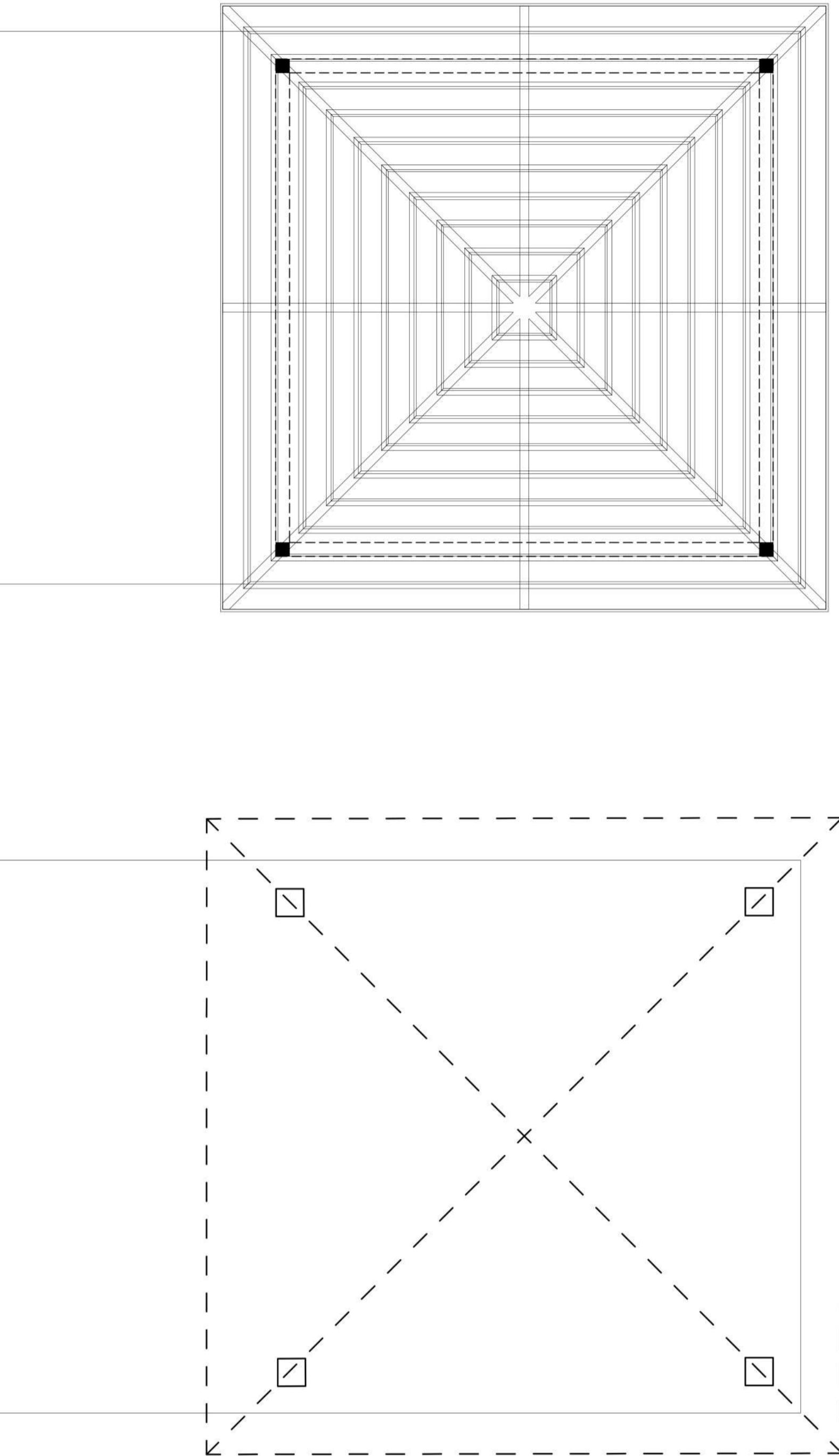




SLOPING ROOF DETAILING



**GAZIBO DETAIL
SCALE 1:40**



KEY PLAN