

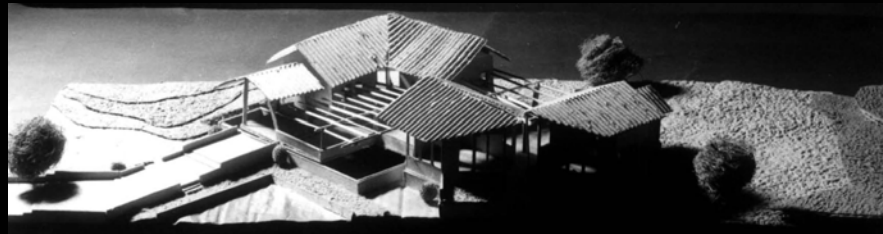
**anar memon** LEED AP/ B.ARCH / PG DIP 3D COMPUTER ANIMATION

**academic works**

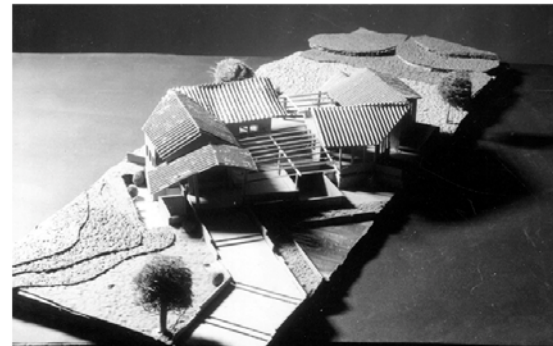
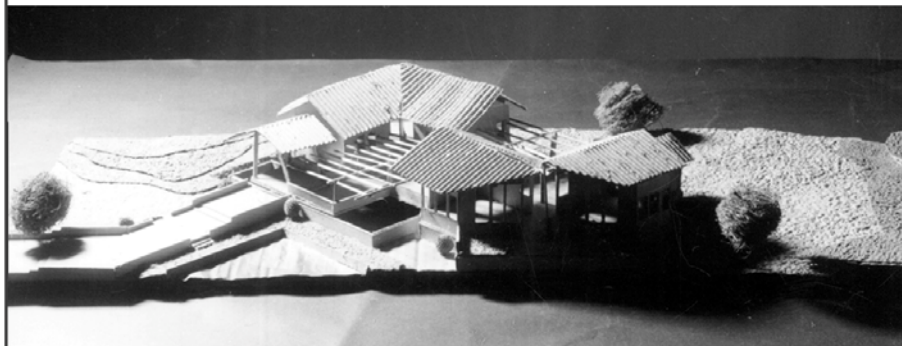
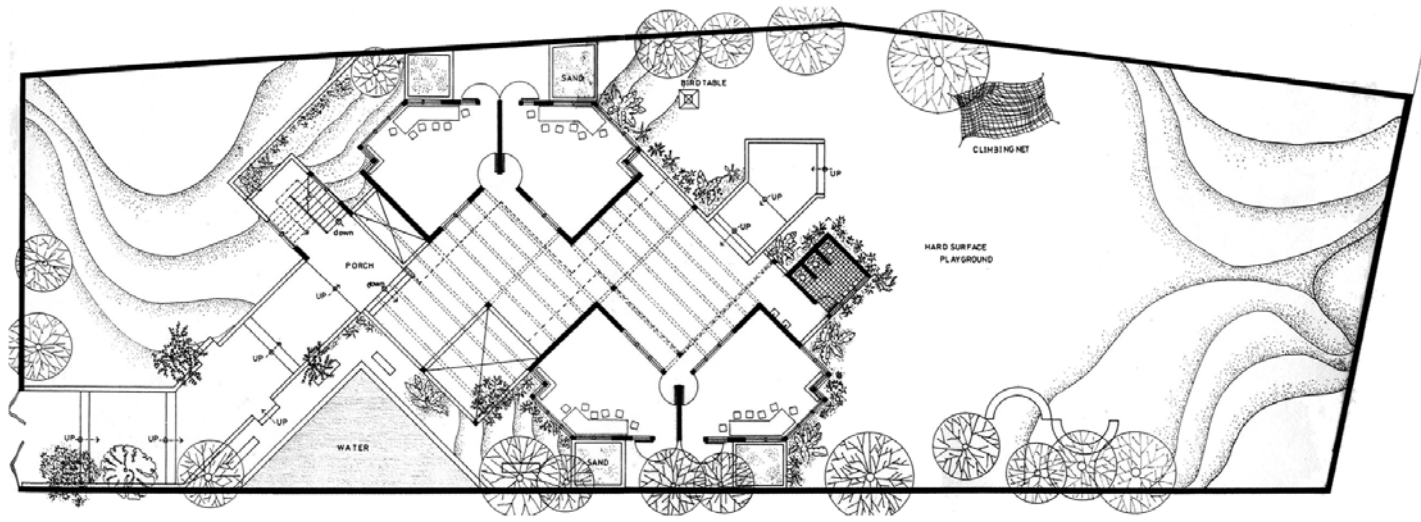
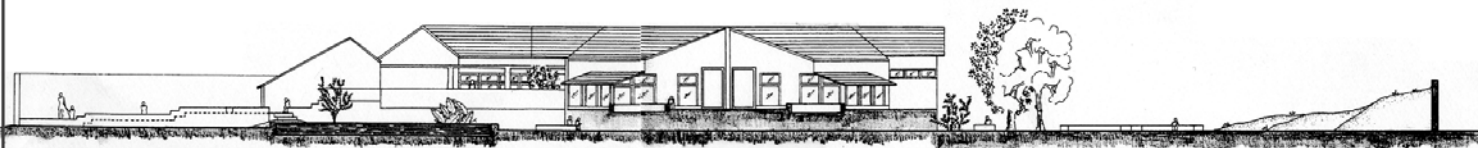
Center for Environmental Planning & Technology, CEPT University, Ahmedabad

ETH University, Zurich, Switzerland

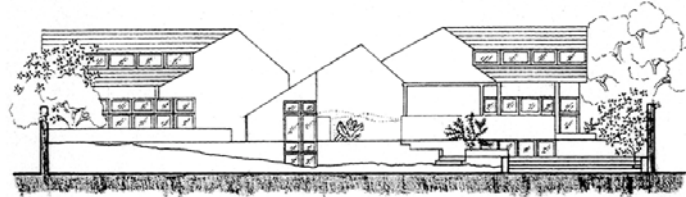
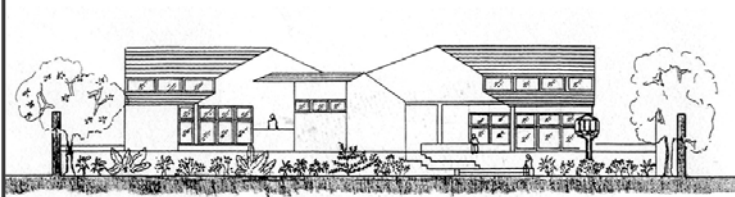




STUDIO II A PRE-PRIMARY SCHOOL AT PALDI  
AHMEDABAD



Four Classrooms, Administration, a play area and a basic landscape - The brief introduces as **“a place for children”** the socio-cultural fabric of the community was to be studied and lessons learned from it. Scales were the major concern. The idea of 'play' and 'fun' were incorporated in the building and the building effectively becomes a playground.

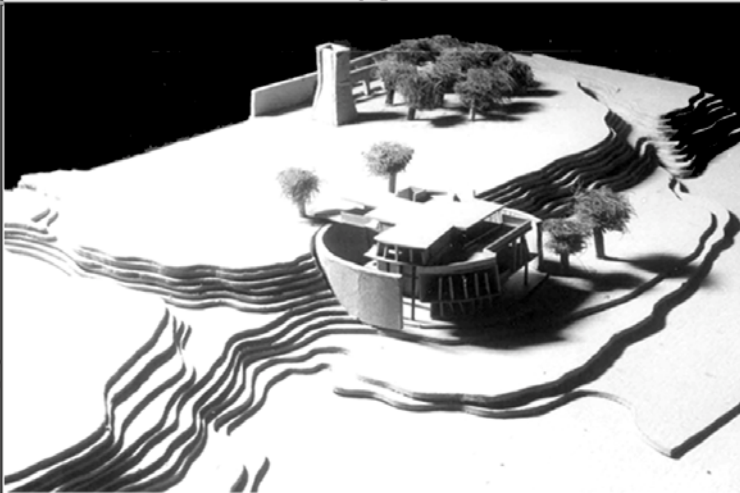


Faculty : Prof. Kurula Verkey, Mr. Vijay Arya  
Prof. Sharad Sheth

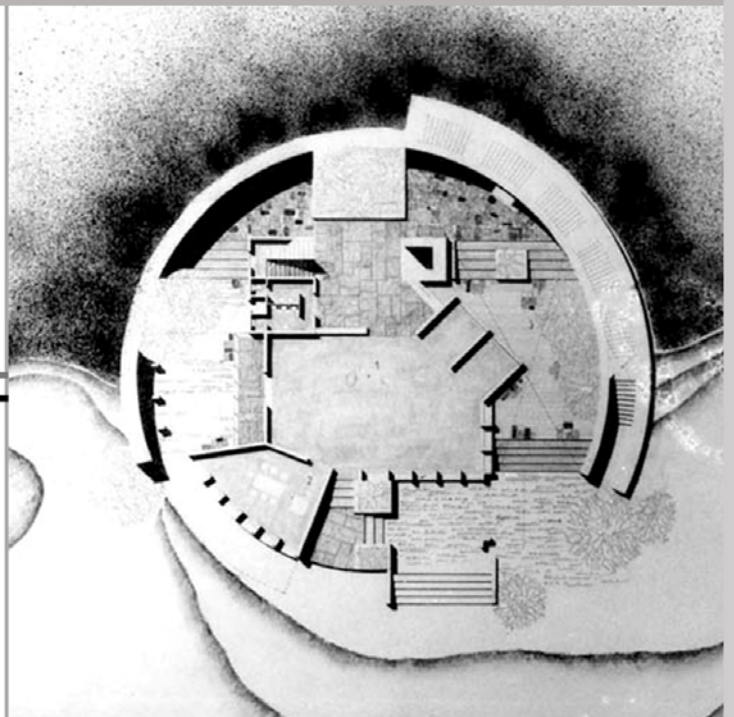
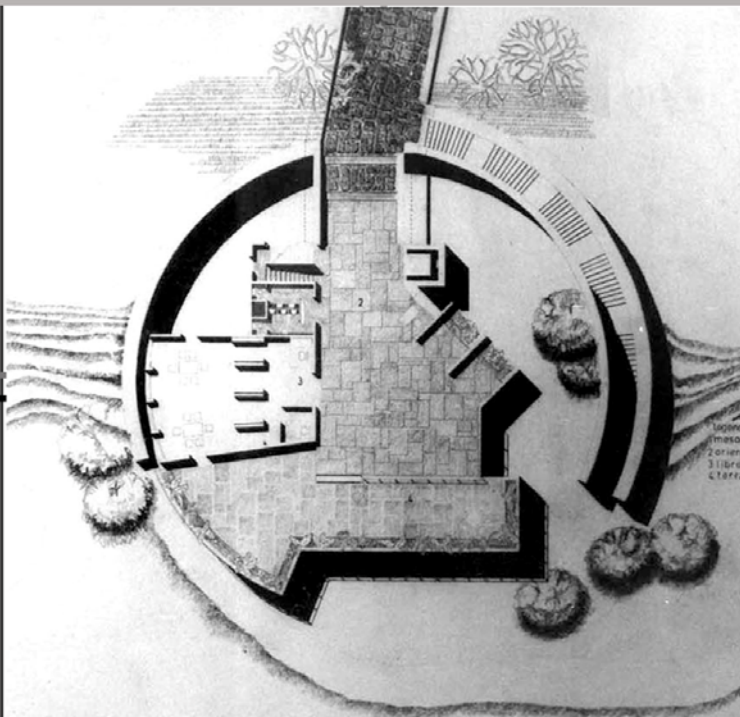
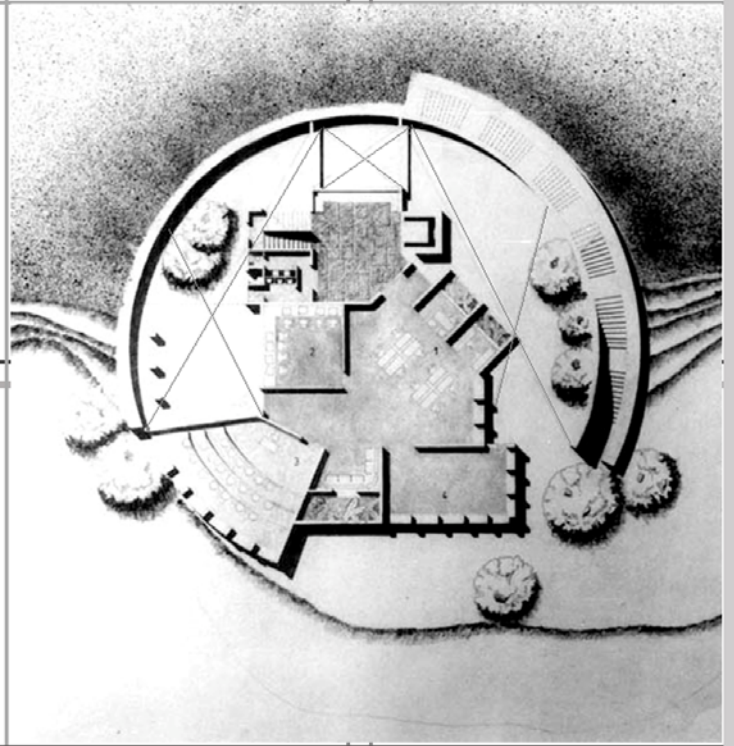


**STUDIO II WATER CONSERVATION AND ORIENTATION CENTRE**

**Goa**

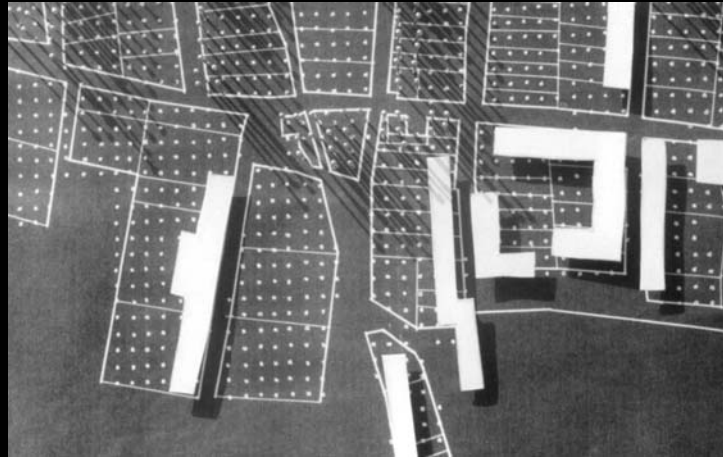


There is a 170 mm stone masonry wall which defines the site and immediate context for the project, the site stands between two ravines or arroyos at the edge and the water comes to the edge of the building during rains. The project was an exercise in articulation and volumetric organisation. The options were the MASS at the centre or VOID at the centre. The roof was thus a major element which had to respond to the site and the skyline. The building would orient people about water conservation and harvesting technologies and the roof had to respond and harvest water.



Faculty : Prof. Anant Rajee



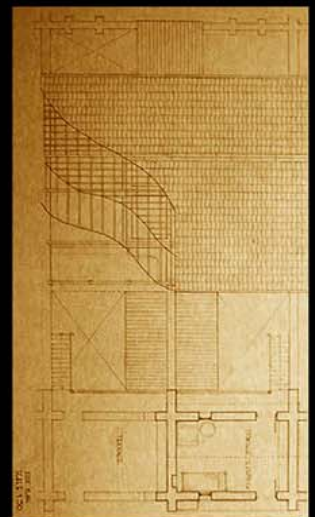
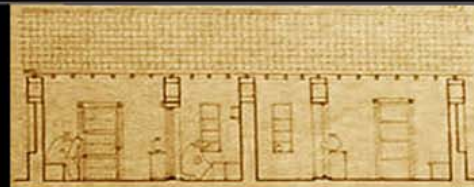
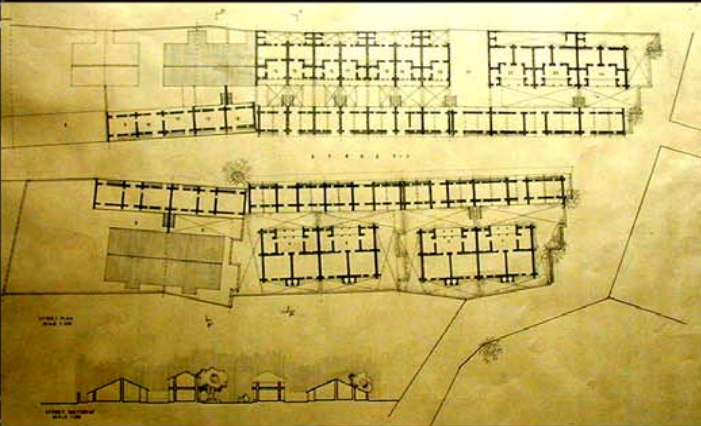
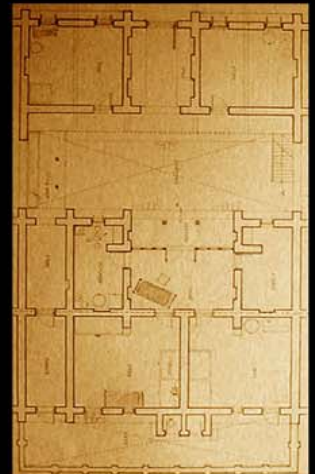


**STUDIO III HOUSING SEMESTER EARTHQUAKE REHABILITATION**  
**KALYANPAR**  
**GUJARAT**

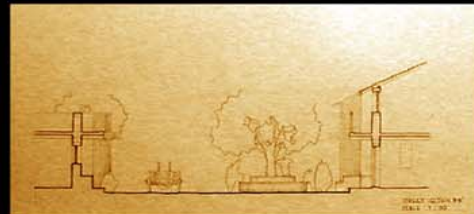


## kalyanpur Earthquake Rehabilitation

Small village of about 1000 inhabitants which had been destroyed by the Earthquake on 26th Jan, 2001. The project was a live project. Only the basic shelter could be provided and thus provision for growth was a major concern. The house would grow according to the owner's requirements and necessities as they changed with time. The nature of the spaces and the character of the place became primary concerns. Another thrust was "EARTHQUAKE RESISTANT" design, at both the houseform and site level. Planning was done for basic amenities like Sanitation Technologies of construction were to be taught to the local people and they would be a part of the process of their own development. Water harvesting and low cost sanitation technologies were also to be advanced.



SITE PLAN : units joined together. the configuration is inherently



colours of the village

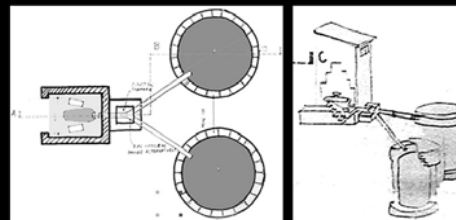
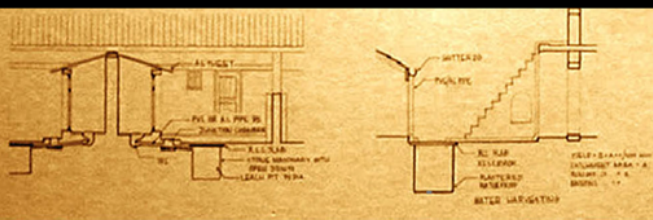
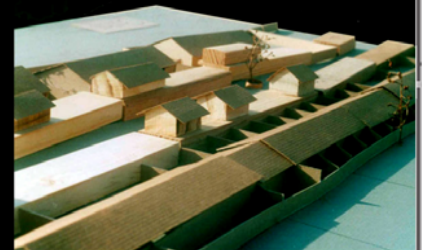
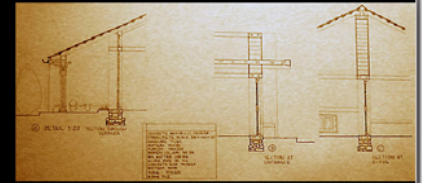
site section through chowk



street elevation

K A L Y A N P U R  
 tal. ANJAR. A agrarian community, prosperous, until 25th  
 Jan 2001

We visited in march. Our initial work was measure drawing and documentation, documentation of both the houseform, the fabric and evaluate the impact of the earthquake. our approach was one which involved the community, for only they could help themselves, above all the driving force was the fact that the **EARTHQUAKE SHOULD NOT BE ALLOWED DESTROY A CULTURE**, its identity and character, thus we decided to take lessons from the existing. Taking clues from the existing footprint of the houseform and analysing the characteristic of place in existing houses, we went ahead with the driving facto being the retention of the character of the village and not destroy it as seems to be the case in most rehabilitation projects. Learning from the traditional wisdom and local craft tradition we realised that, the problem was not that of construction materials but of constructional malpractices which had resulted in tragedy. Traditional wisdom had been unlearnt over a period of time.

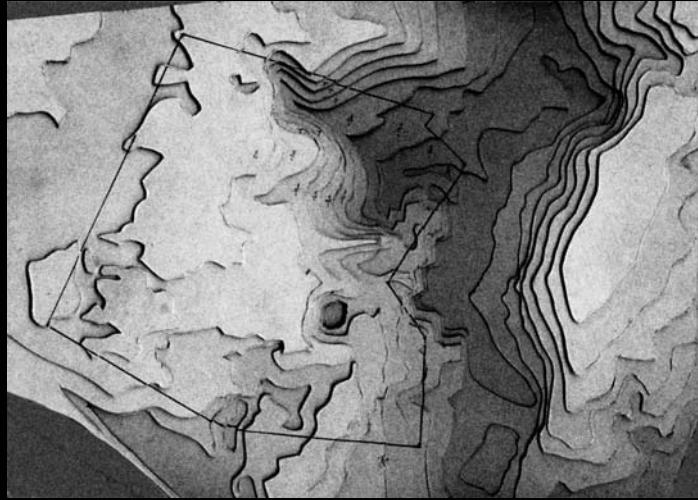


The Toilets Positioned in the backyard / vada Two pit pour flush and soak pitt

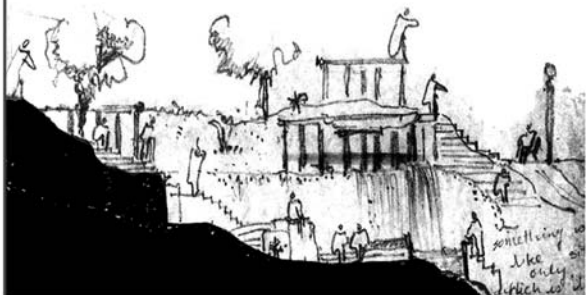


street

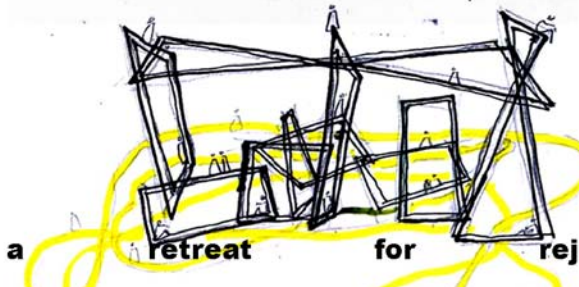
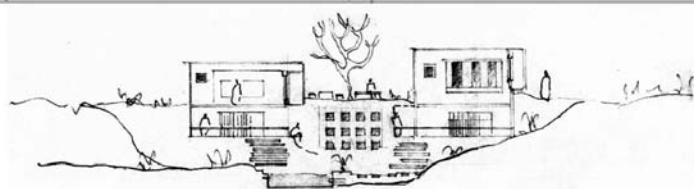
section



STUDIO V INSTITUTION SEMESTER A RETREAT FOR REJUVENATION  
ALLUVA HILLS

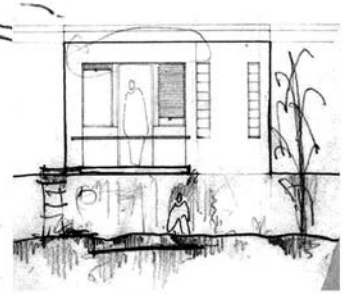
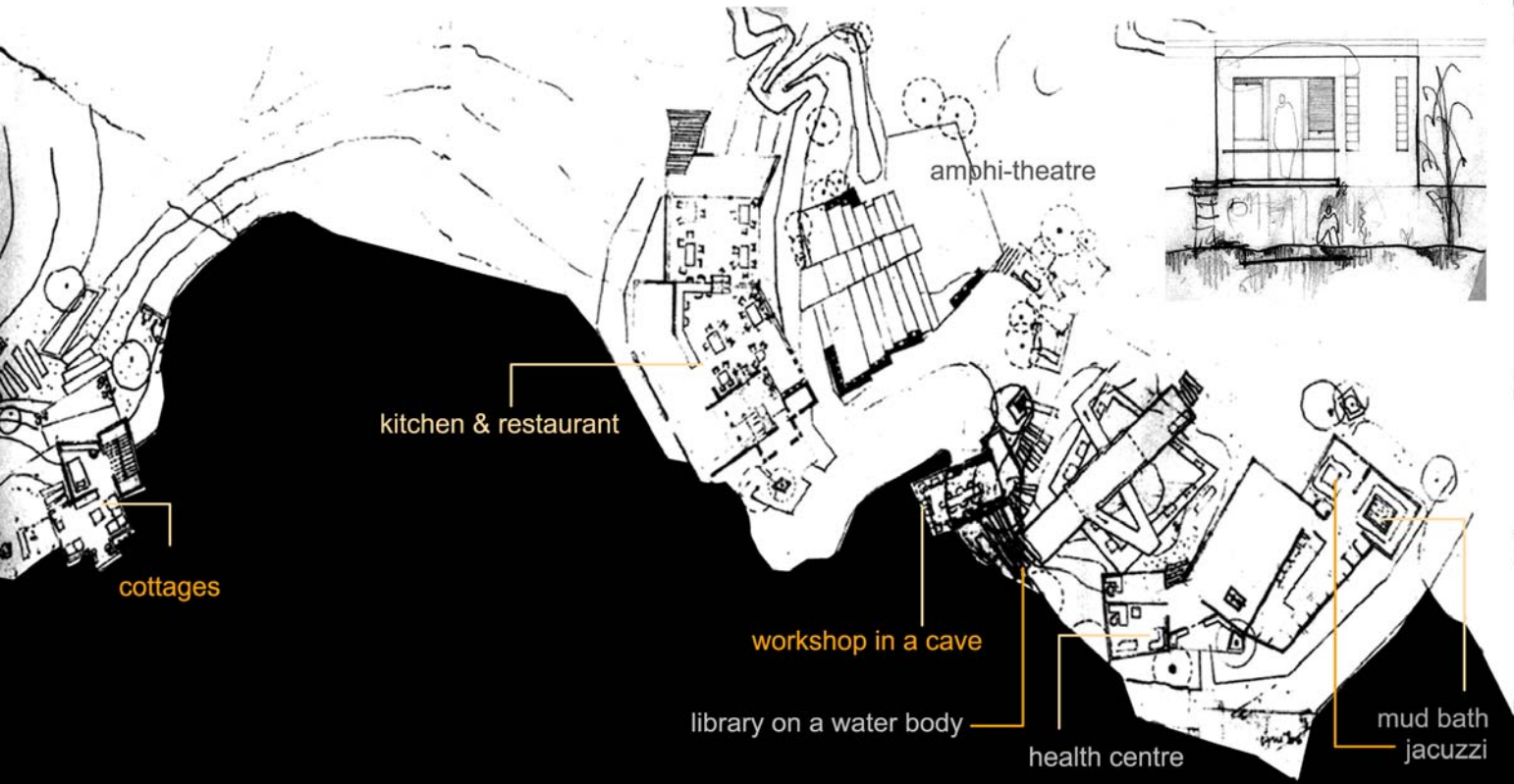


Faculty : Prof. Nilkanth Chhaya



### a retreat for rejuvenation

To create a place where one can recharge his life span... "NATURE" as a major concern for a healthier life, becomes dominant, where the building is a part of nature itself and breathes with the ground. Here the aim was to explore the relationship between the individual and the group and between the individual and nature where builtform assists in clarifying and modulating this relationships.

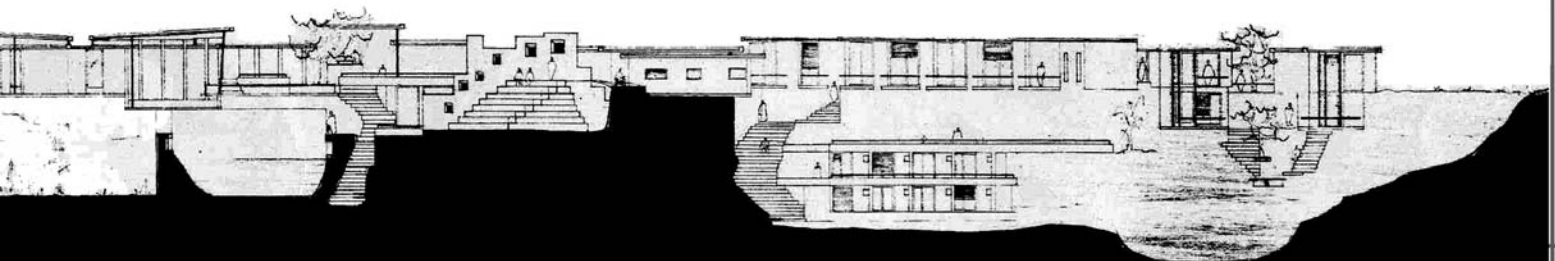
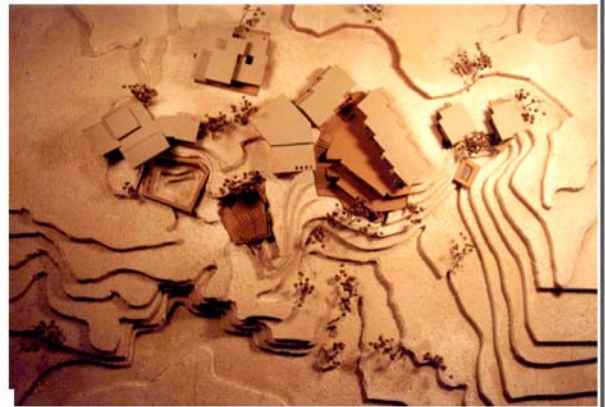


It is increasingly thought that the health and well-being of individuals is affected by many factors, including the daily routine, eating habits, exercise, mental habits and outlook, contact with nature, patterns of work, play and rest and so on. Modern urban life is not organised to build up a healthy rhythm of these aspects. A Retreat for Rejuvenation is proposed by a group of entrepreneurs to offer a place where people can be in touch with nature.

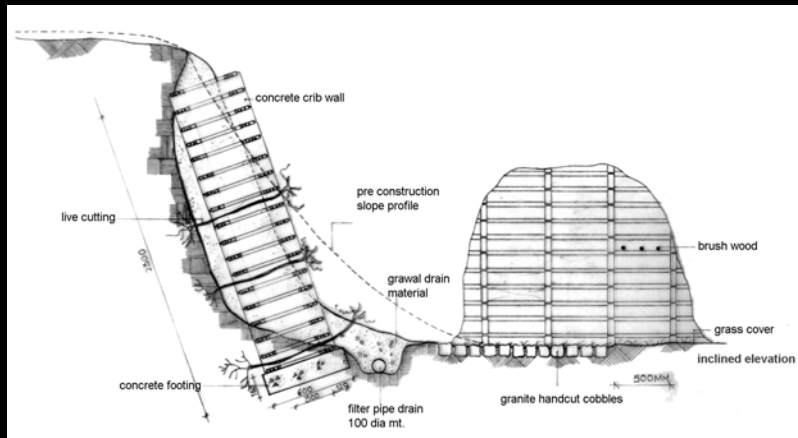
Topography became an overriding concern. The site was susceptible to the elements due to denuded cover and thus holding the earth and protecting it from getting eroded or washed away, was an issue, an attitude of not confrontation but rather pacification was adopted.

The building hugs the "curves" of the earth and at the same time holds it. The site being on the banks of the river Sabarmati, the buildings are oriented accordingly and take advantage of the vista.

**No conscious attempt is made to create a consciously architected complex rather the site governs the ordering of land thus each building is based on a totally different experience.**



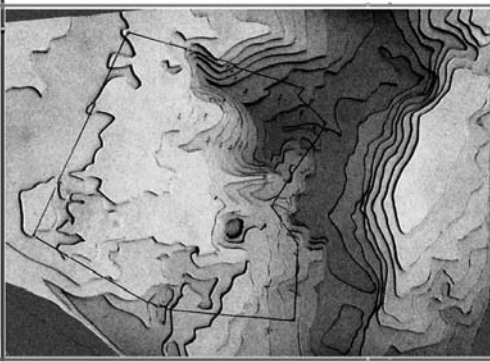
north facing section



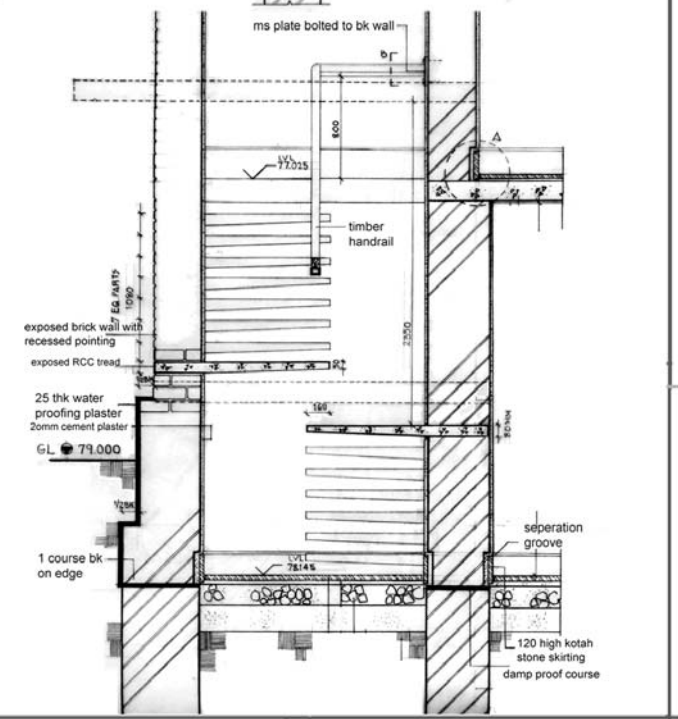
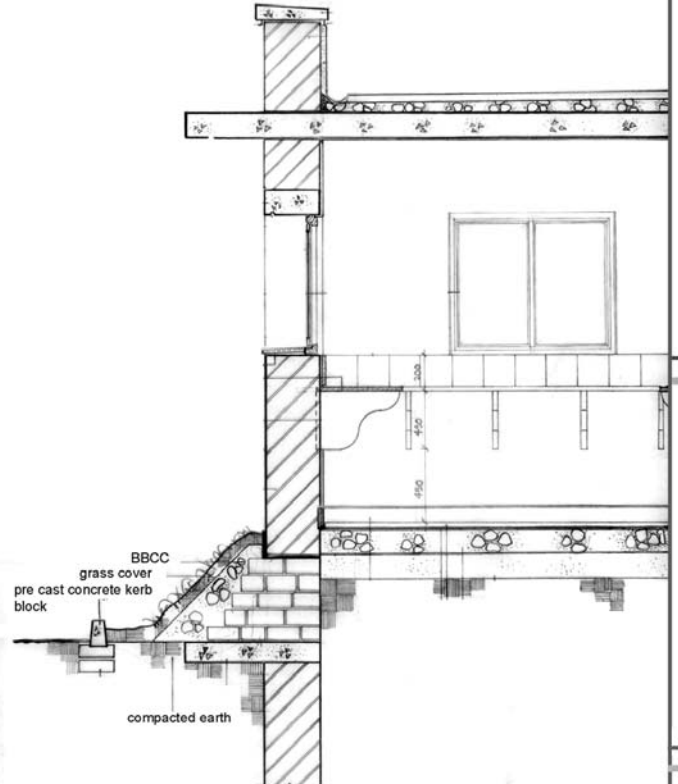
STUDIO VI WORKING DRAWING SEMESTER A RETREAT FOR REJUVENATION  
ALLUVA HILLS

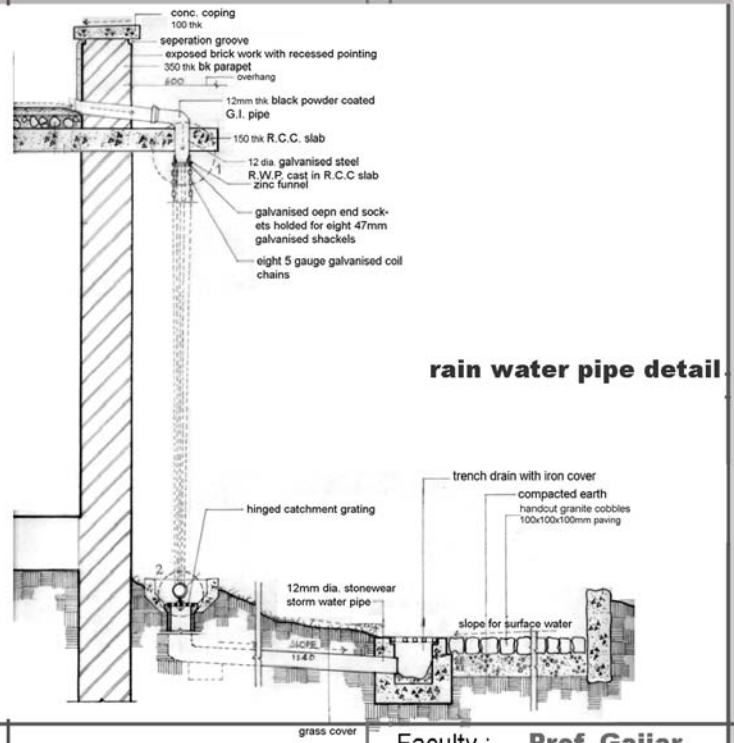
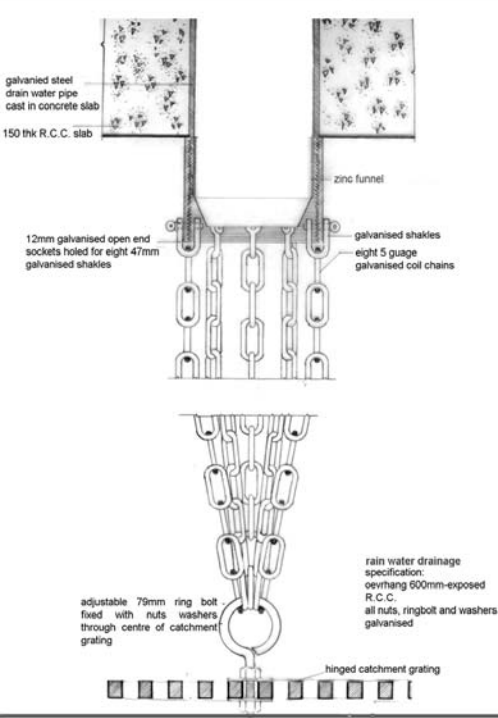
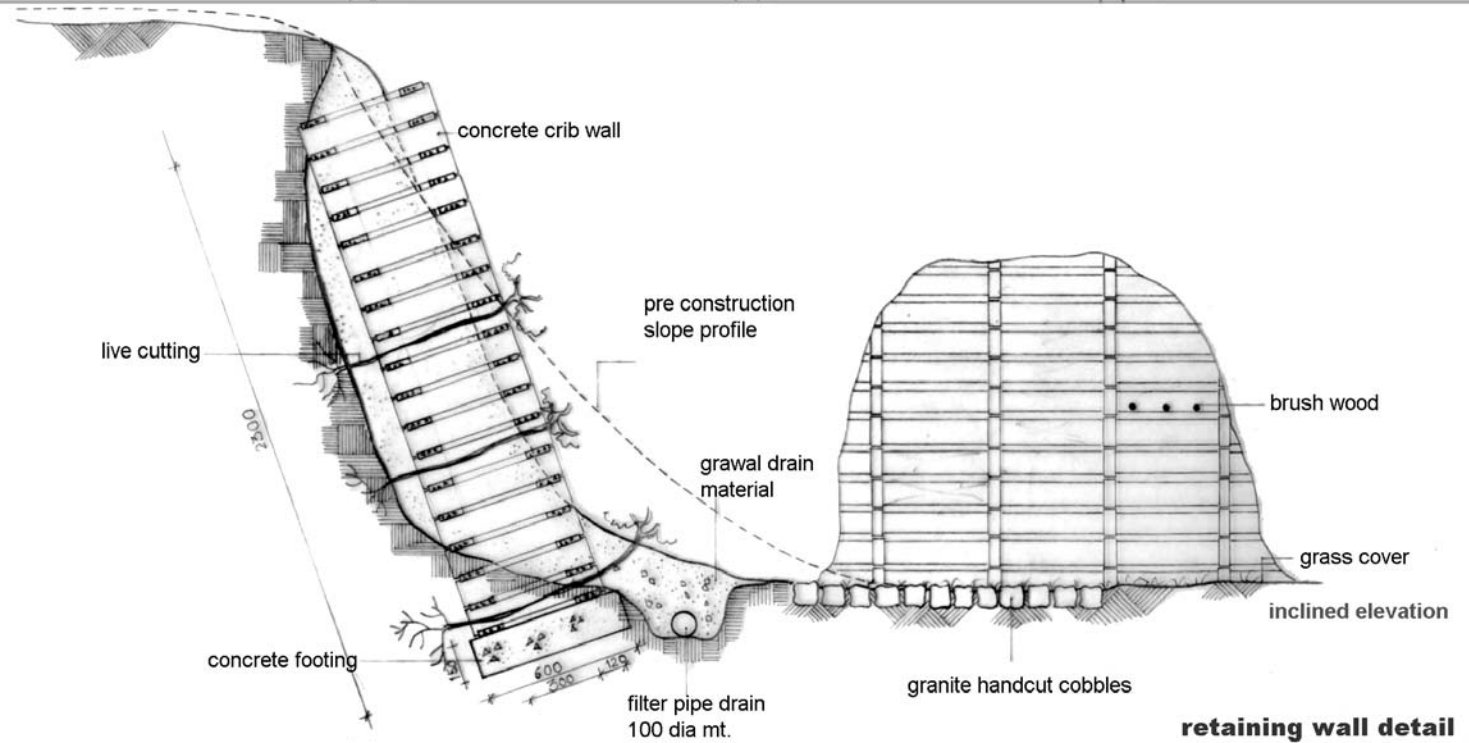


ground plan



site model





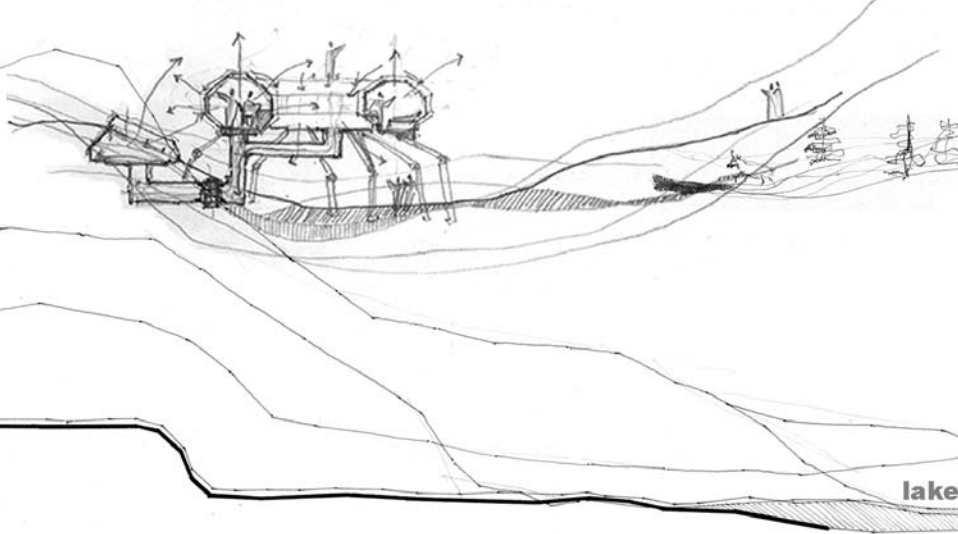
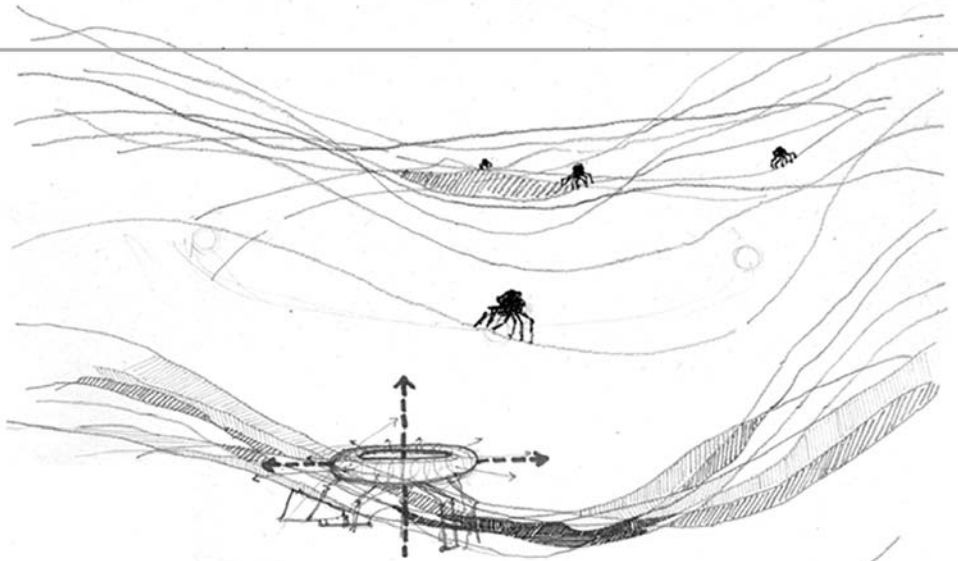
Faculty : **Prof. Gajjar Parth Shah**



EXCHANGE STUDIO OBJECT SEMESTER A HOUSE FOR RESEARCHERS

LAGO SALEI, LOCARNO

SWITZERLAND

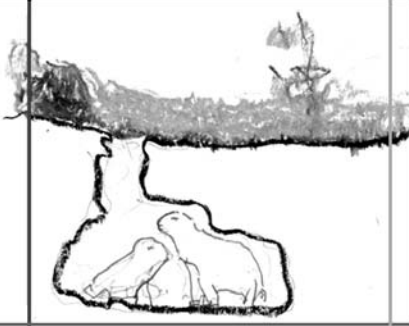


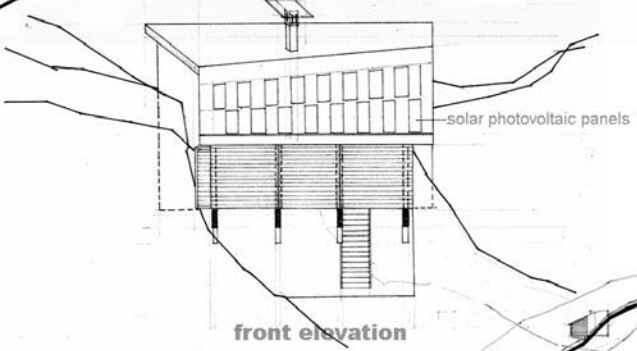
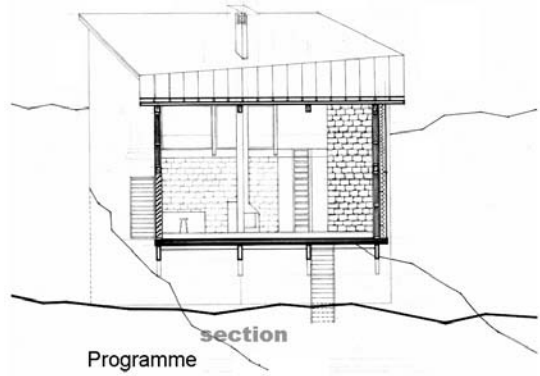
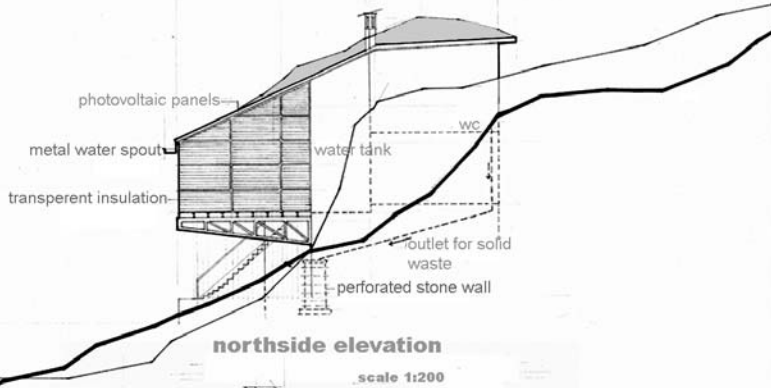
lake

eine hutte for f o r s c h e r

**Scientific research in a remote location:**

The project is a research satellite in a remote location, at Lago Salei in the Ticino. The site constellation of hills, mountains, slopes, lake, rocks, stones, trees and plants define a great variety of micro situations which potentially can be exploited for reaserch. The varied flora and fauna, the plan for a future national park and the uniqueness of the site set a series of parameters. A small house offers accomodation for researchers who will stay here for several months to study the climatic and topographic conditions of the area.



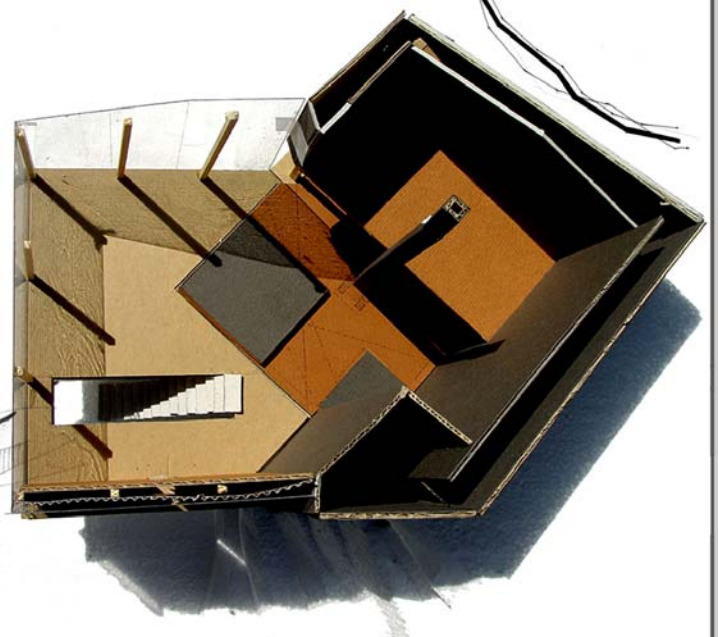
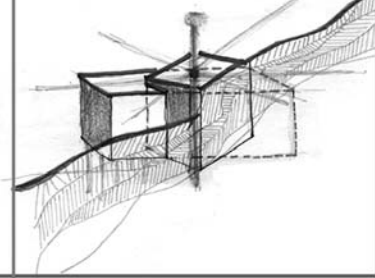
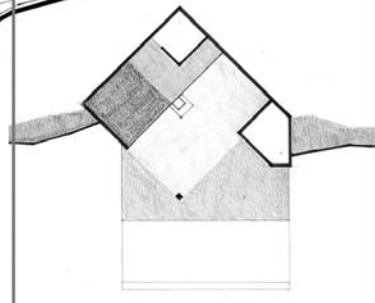


Programme

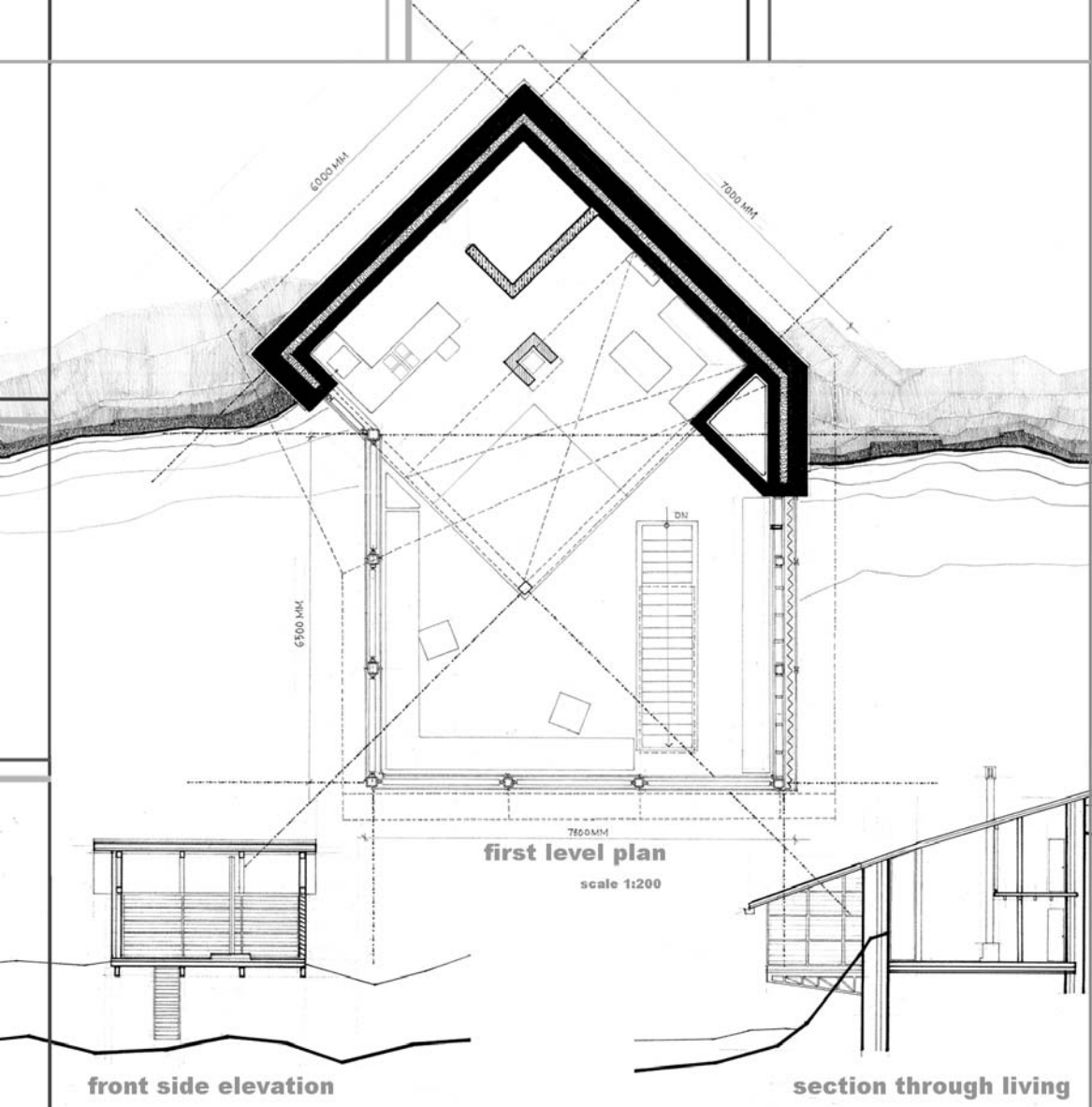
research / workroom / observation	30 m2
living + kitchen area	20 m2
sleeping area for 2 persons	30 m2
facilities (storage, cellar, toilet, shower,...)	10+m2

site section

Taking the 'NATURE' as a major concern in Alpine region, I would rather situate the building in the second layer of Vista and not the first, to keep the nature predominant. Building is based on totally different kind of experience being on the high level on the mountain as an observatory, but at the same time not being an attraction and merging with the landforms and colours of surroundings. An attitude of confrontation towards the wildness of the landscape and the climate. Two different faces on the site in summer and winter, and considering the very different perspectives, I tried to give a character of very compact, dense object and at the same time character of transparent object. Two basic forms interlocking or balancing each other having two different axis, where one of them seats on the ground and the other is cantilevered, becomes dynamic object a whole.

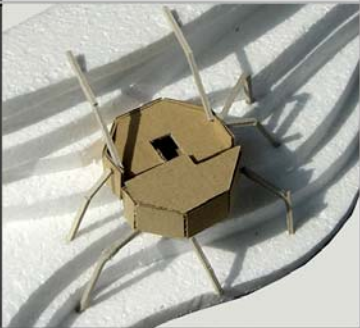


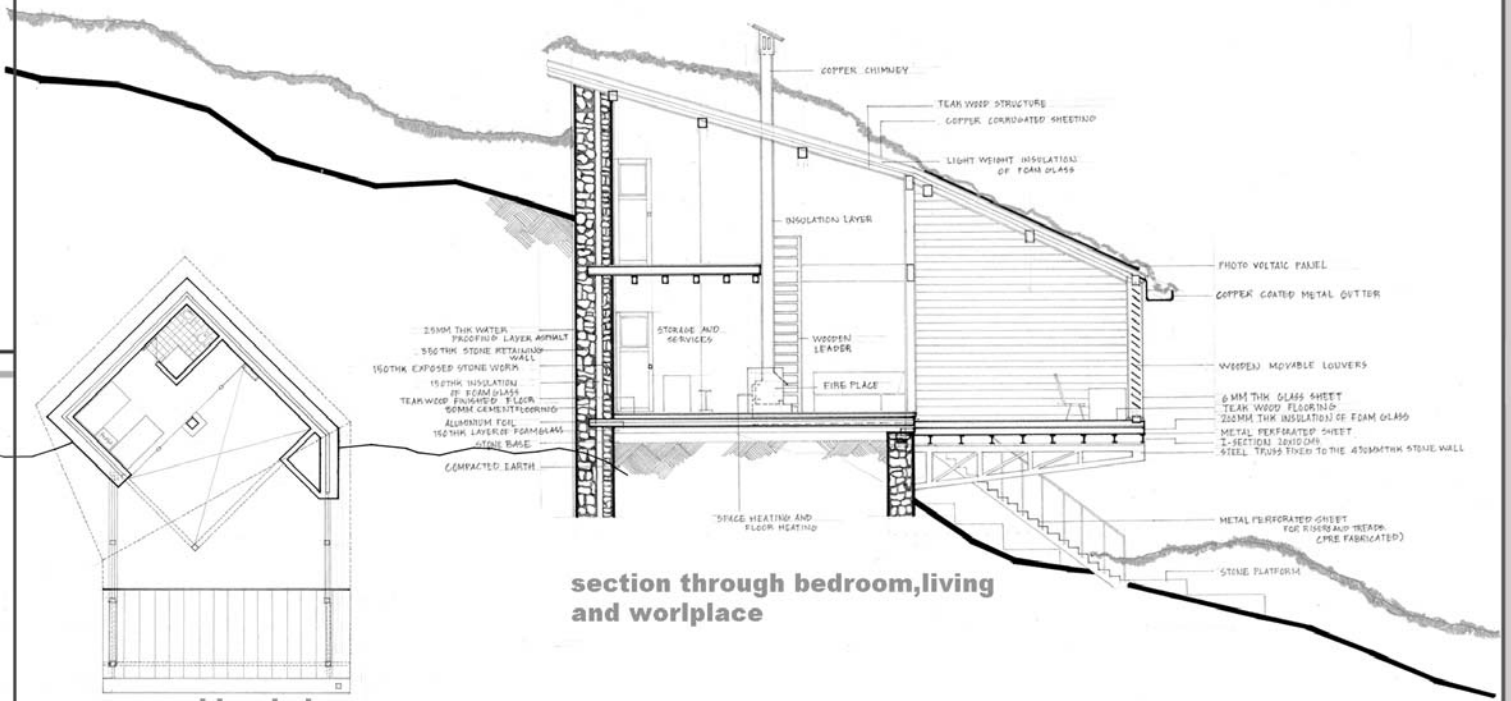
o b j e c t semester  
faculty - prof. Dr J.LI. Mateo



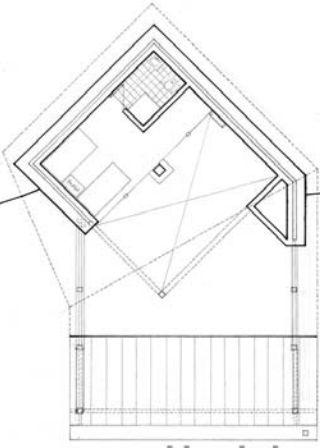
The site has extreme natural conditions: 1924 m. above sea level, covered by snow during half of the year and intensely exposed to the radiating sun during the summer, with specific botanic and biologic conditions, isolated in a landscape at a high altitude, forced to be self-sufficient for energy, water...-these conditions has shaped the project.

Putting the **"fire place"** at the centre of the house, it allows a warm welcome from the cold and harsh climate outside. This building will be using the architectural materials available from the site itself. It alludes to the traditional, simple, pragmatic idea of putting this type of building in the mountains. The entry is from below the house as to ignore the land covered by snow for more than 8 months of the year. Getting from the **"spider"** to the final project in which I analysed how an animal survives against the wild nature. This building evolves from domesticity and not monumentality.

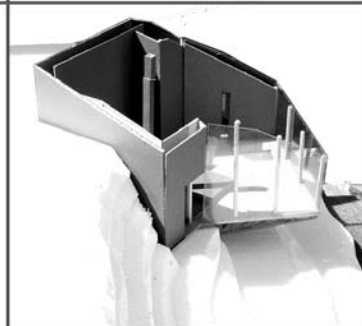




section through bedroom, living and worplace



second level plan





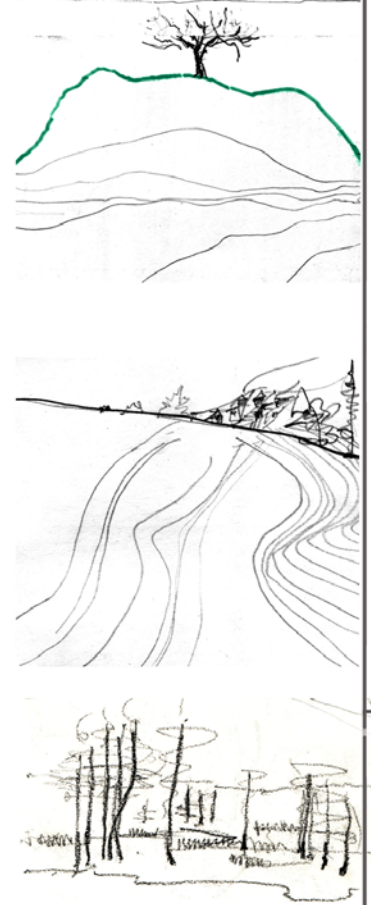
# LANDSCAPE STUDIO A CUBE IN THE VALLEY

ZURICH

SWITZERLAND



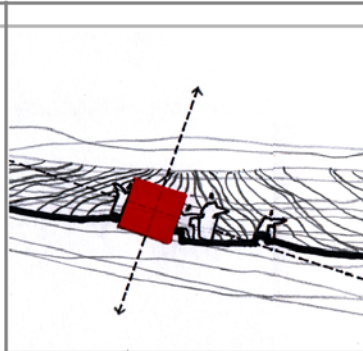
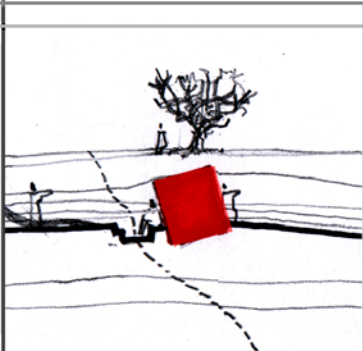
ground plan



Schwarzpappel [Populus nigra L.]



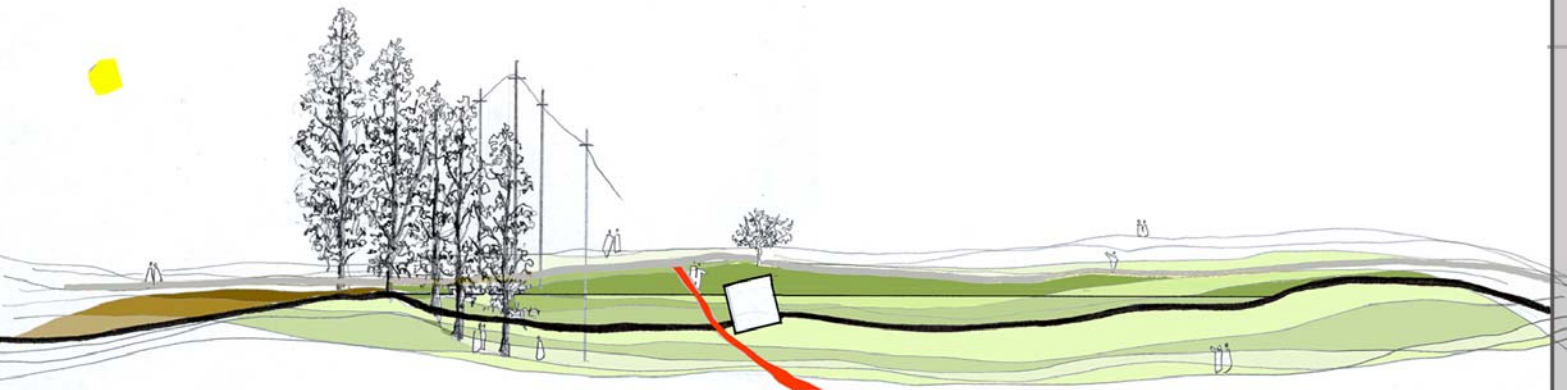
Frühlung Sommer Herbst Winter



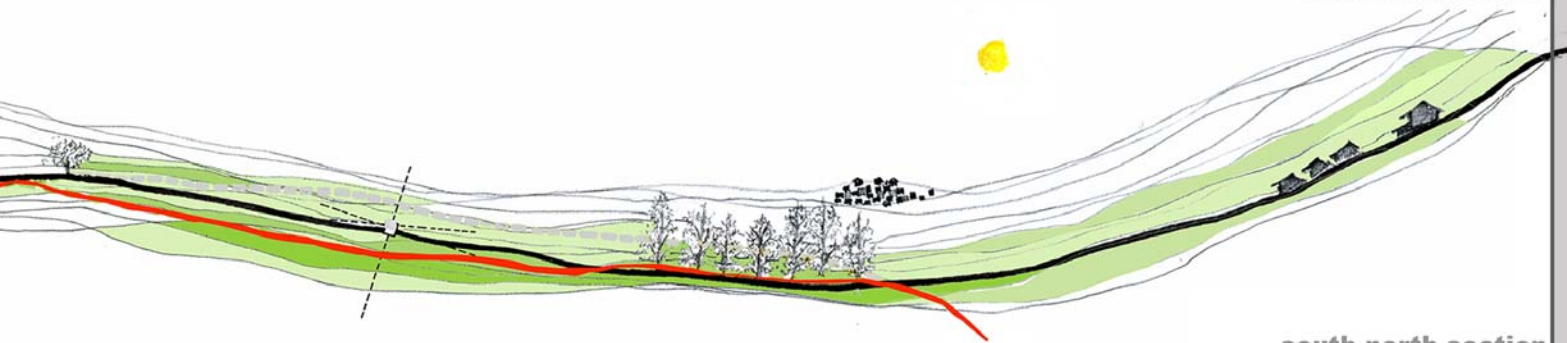
## Cube in the Valley

- A metaphor which flows with the forces of nature - like a dancing ship in the ocean - the **cube** is placed.
- **Trees** as the gateway to the landscape, defines the path to s o m e w h e r e .
- Layout of the **path** - drawing a line on the landscape - leaves a sensorial organisation which remains in the mind after passing through it.
- The concerns here were the perception, representation and scenographic of the landscape.

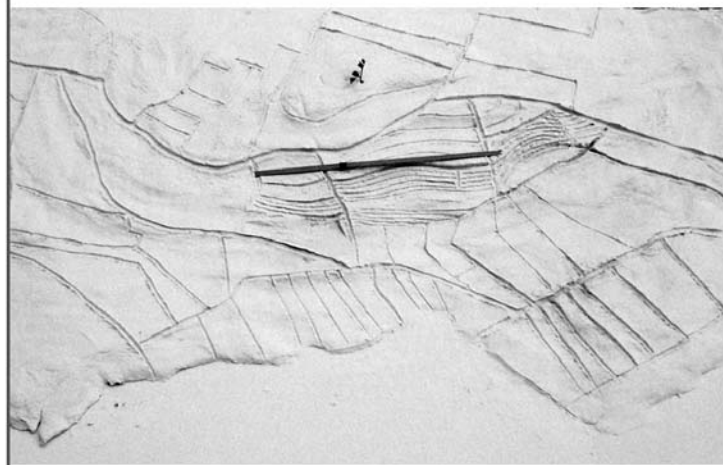




east-west section



south-north section



Faculty : Prof. Christophe Girot

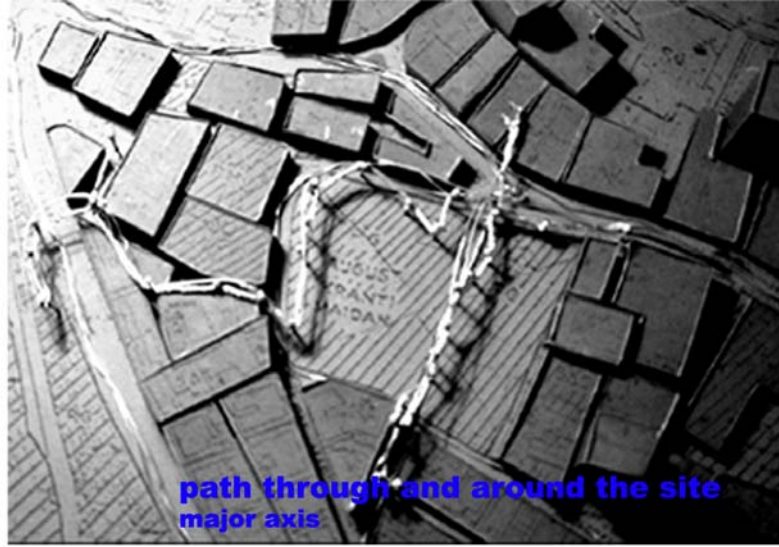


STUDIO VIII EXHIBITION AS A PUBLIC SPACE IN AN URBAN CONTEXT

MUMBAI



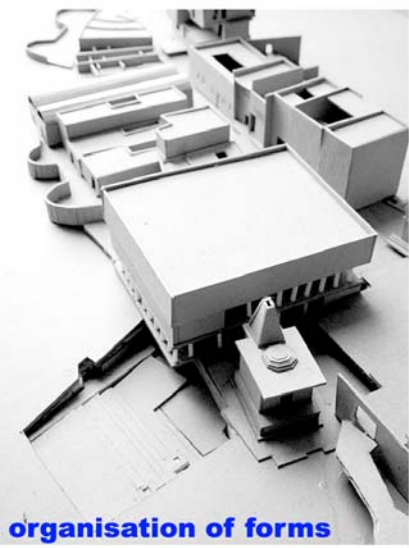
**1:1 scale exhibition along the street**



**path through and around the site major axis**



**topography**



**organisation of forms**



**approach to the site**



**organisation**



EXHIBITION AS A PUBLIC SPACE IN AN URBAN CONTEXT AT MUMBAI  
pre final studio  
prof. anant raje



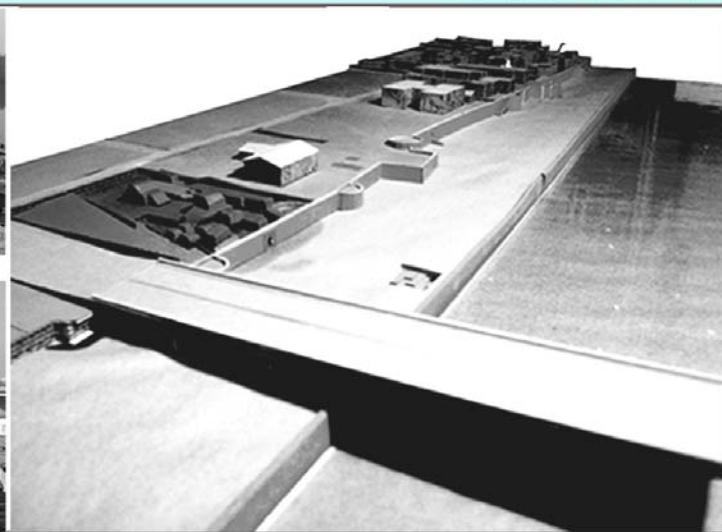
**aerial view of the site**



**STUDIO IX      SCHOOL OF MUSIC**

**OLD CITY, SABARMATI RIVERFRONT**

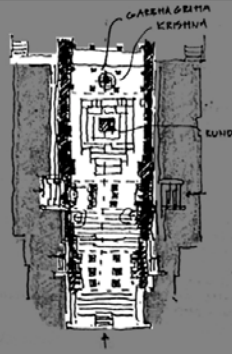
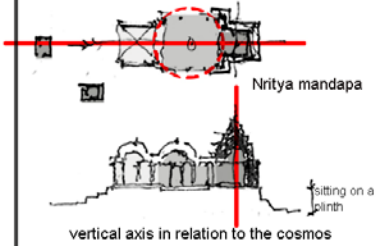
**AHMEDABAD**



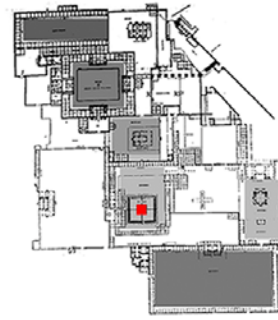
eastern bank of sabarmati riverfront



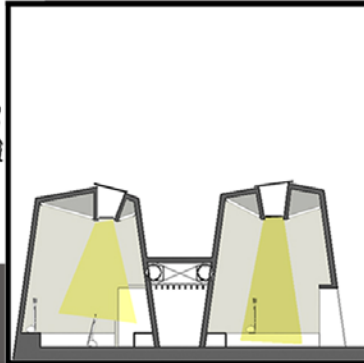
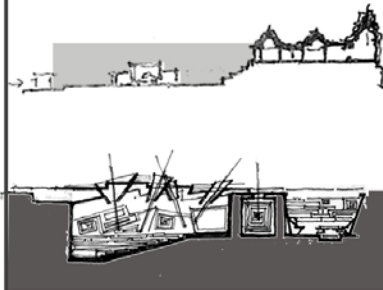
organisation of a performance space in a Temple complex



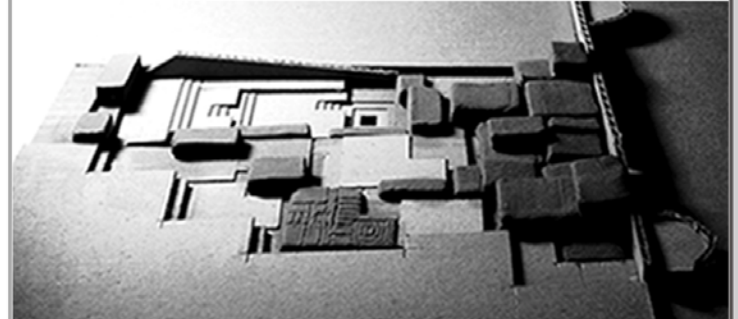
Seat of Taansen in Fatehpur Sikri



Performance space in a Temple court



music is a celebration



Site is on the threshold between the old and the new cities of Ahmedabad and situated on the eastern side of the Sabarmati River, covers about 8000m<sup>2</sup>. East of the site there is major open space – Sardar Baug(garden) which covers the area of 50,000m<sup>2</sup>, it is also equipped with recreational facilities like children's traffic park and play areas.

The Fort wall which is the oldest structure from Mughal period has 6 gates in total opening to the river's edge. One of them exists on this site which is Baradari Gate is almost unaccessible due to the encroachment and thereby causing lack of open space on the river's edge. Considering that the proposal for Sabarmati Riverfront Development Ahmedabad, includes relocation of slums to safer sites and envisions for the development of this part, a heritage park between Nehru Bridge and Ellis Bridge along the fortwall on a strip of reclaimed land about 60 m wide.

One of the major aim was to **reopen** and **revitalize** this connection between the city and the river's edge and extending the green patch of sardar baug till the river's edge making it like huge **terrace** opening to the river. I also wanted to incorporate water to my site as in early tradition music used to take place on the 'Ghats' (steps) in India.





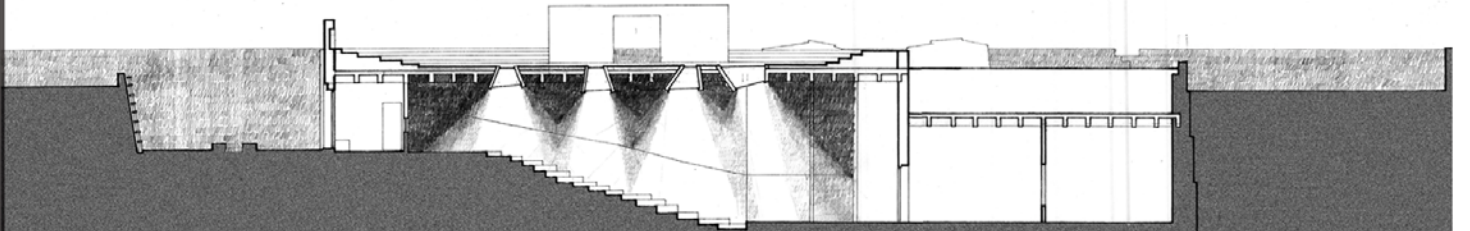
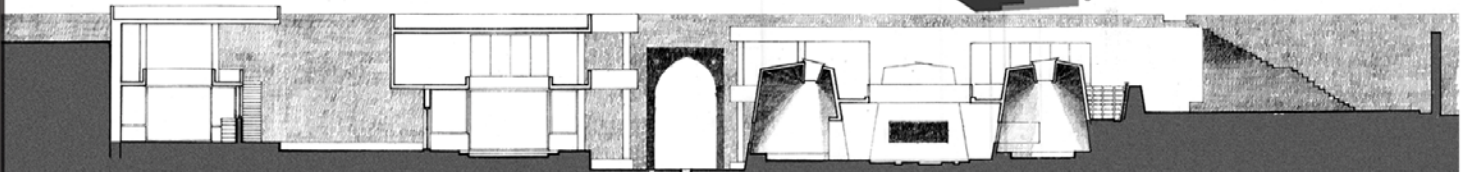
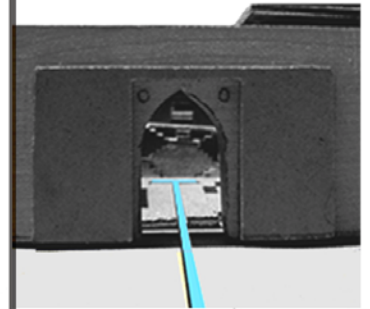
Administration	70sq mts
Lecture Theatre	80sq mts
Library	100sq mts
Recoding studio	70sq mts
Research and record documentation room	80sq mts
Class rooms	600sq mts
Music Theatre	600sq mts
Amphitheatr	100sq mts
Listening club	60sq mts
Music Cafe	60sq mts
Music shop	80sq mts

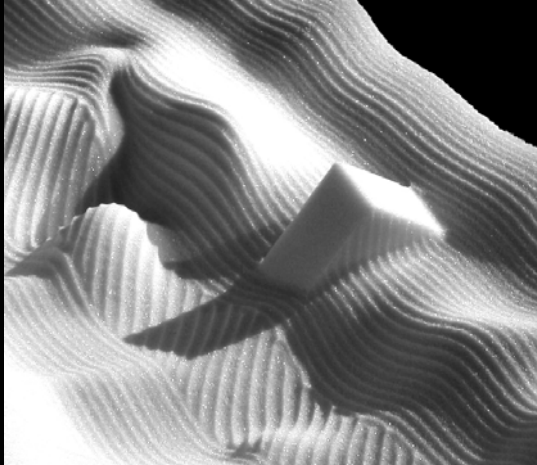


Here the focus is on Indian classical music and to design a space appropriate for. The architecture will respect the Indian tradition. For me as it started with my guru's house in the old city of ahmedabad wher i learned music for ffour years and this project is an abstraction of his house and the street and the community space in which it extended in terms of scales and proportions.

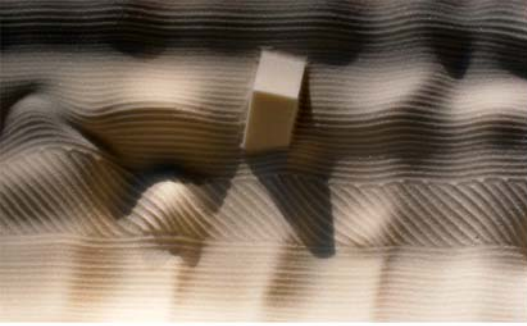
The aspects of Indian classical performance:

- nature of music
- intimate relationship between the audience and performer
- nature of place

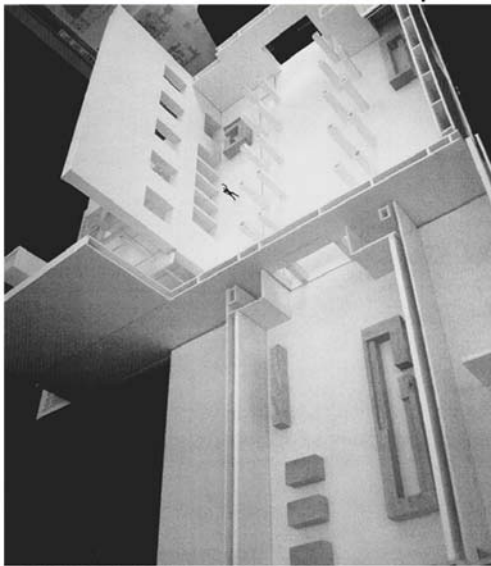
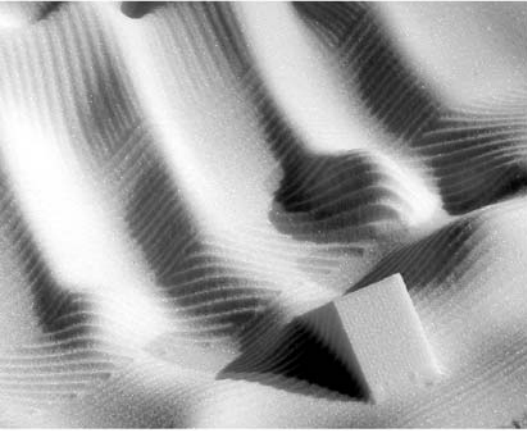
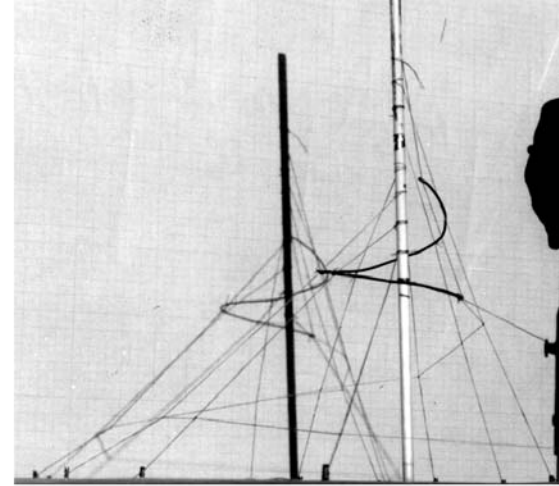




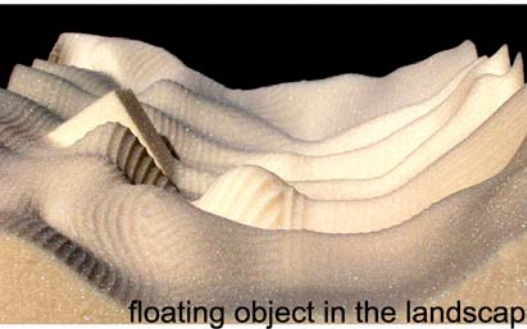
**OTHER WORKS**



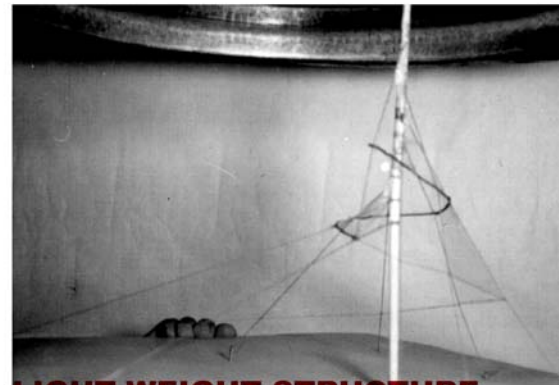
interior space



EXHIBITION SPACE  
kunsthaus museum, zurich  
sam architekten

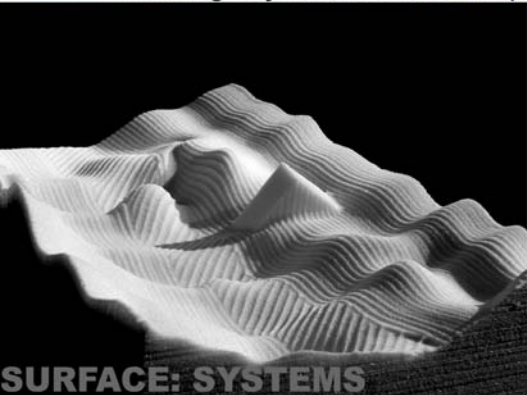


floating object in the landscape



### **LIGHT WEIGHT STRUCTURE WORKSHOP**

- Development of a surface for tensile structure
- use of soap film, graph paper



### **SURFACE: SYSTEMS**

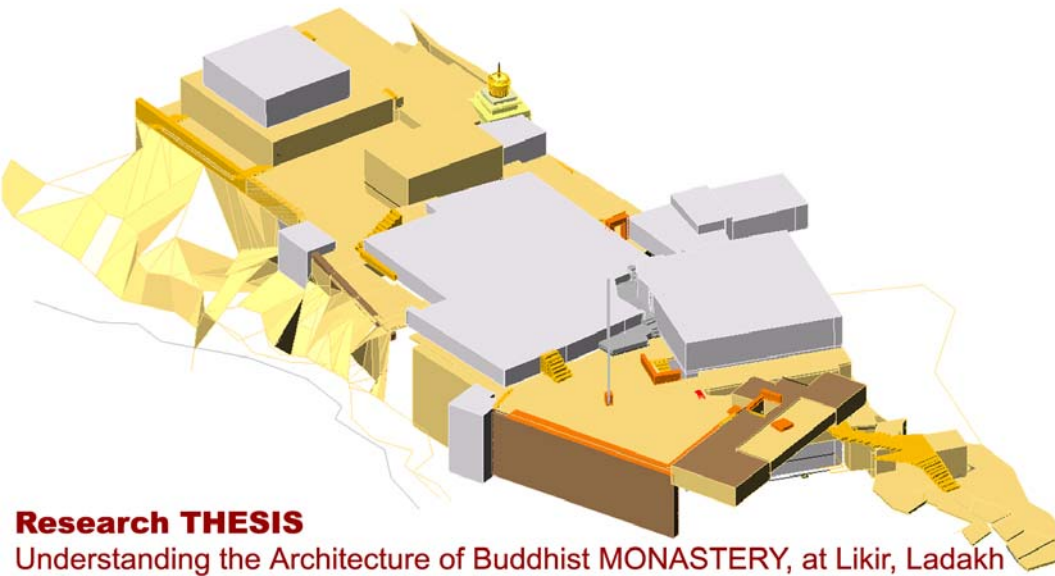
- Software used MAYA and SURFCAM
- CNC Milling machine



roof system



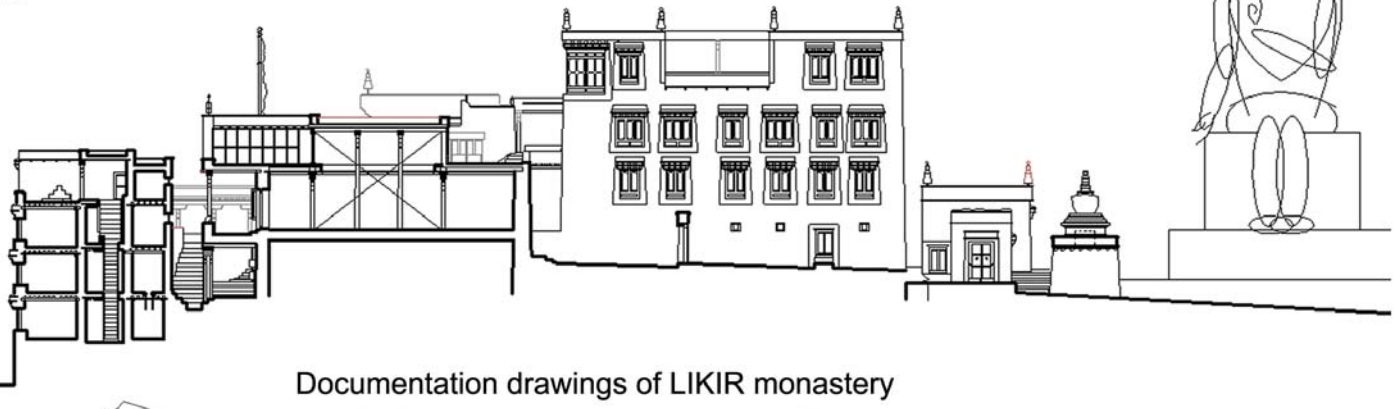
**RESEARCH THESIS**



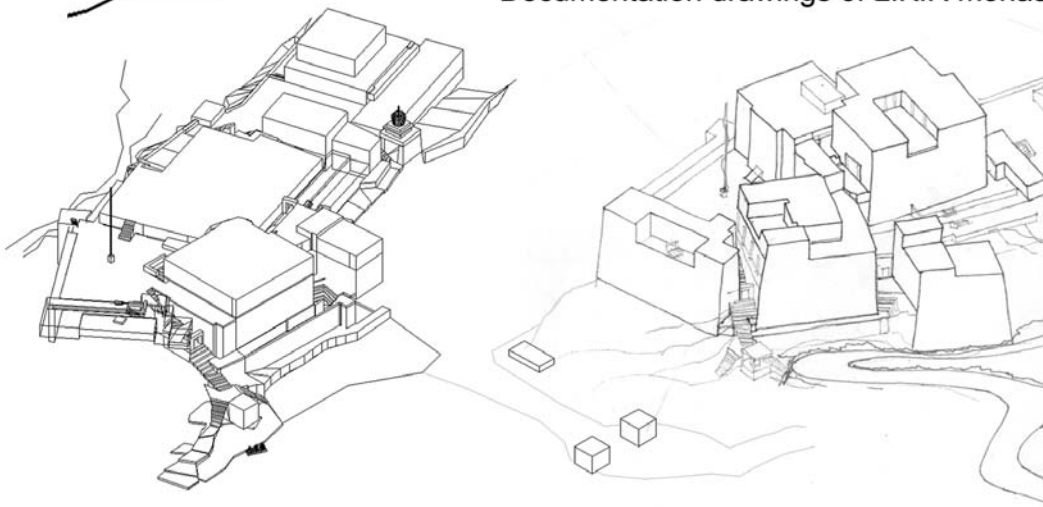
## Research THESIS

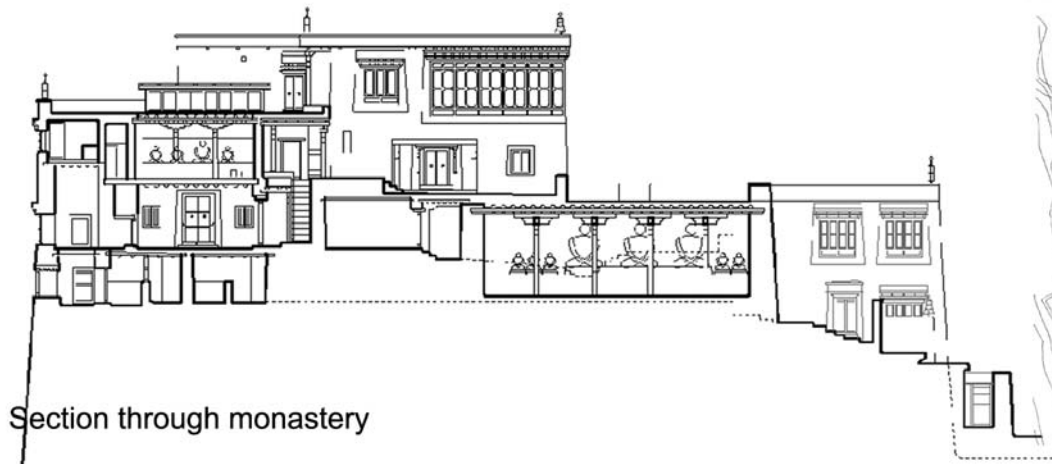
Understanding the Architecture of Buddhist MONASTERY, at Likir, Ladakh

My search here is to understand how a religion, culture, material and technology are integrated to withstand the extreme forces of nature yet with a strong architectural spirit.

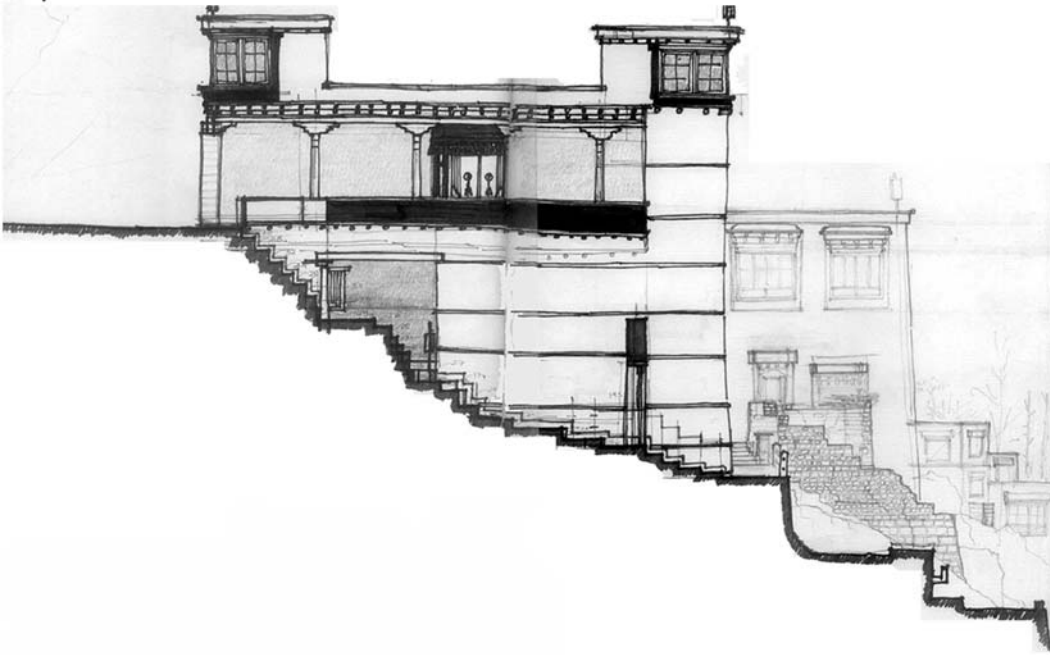


Documentation drawings of LIKIR monastery





Section through monastery



Likir monastery along with a small settlement is located in the surroundings of high mountains. As in many other places in the region, certain amount of cultivation is possible even amidst the rough terrain by utilizing the water from a nearby stream. The monastery has traditionally been the centre of socio-economic activity around which the settlement has developed with all the households having specific relationships with it.



Study of LIGHT



arch. sumitro ghosh



prof. kiran pandya



kurula verkey design forum 05'



prof. j. luis mateo



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