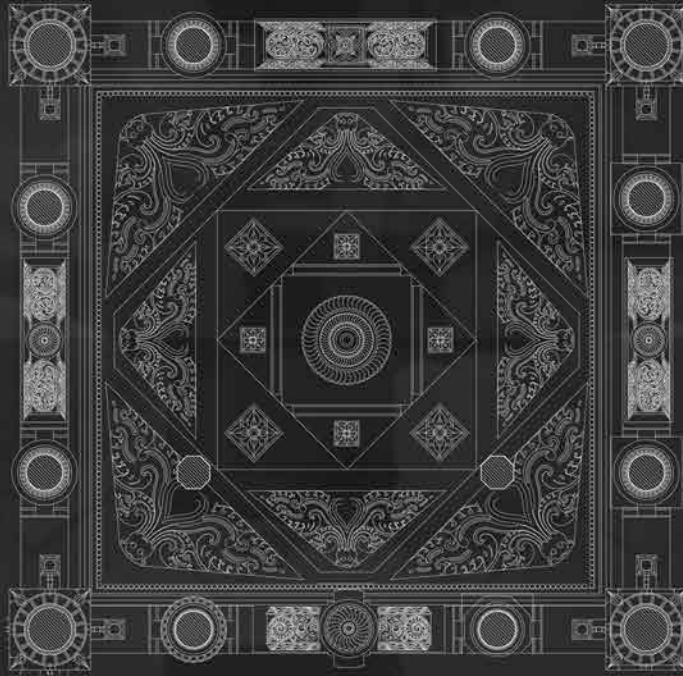


ARCHITECTURE
PORTFOLIO



VIKAS S

C urriculum V itae



VIKAS S

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EDUCATION

Bachelor of Architecture (2013-2018)

Srinivas School of Architecture,
Srinivas Institute of Technology,
Valachil,Mangaluru,Karnataka.








11-12 Grade (2011-2013)

Swami Vivekananda Pre-University college,
Nehrunagar,Puttur Tq.,Karnataka.

8 - 10 Grade (2008-2011)

Sri Sharada High School,Panemangalore.
Bantwal Tq.,Karnataka.

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Autodesk Autocad	
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Photoshop	
V-Ray 3.6	
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Hand drafting
Model Making

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Sketching, Music, Reading.

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Tulu
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EXPERIENCE

10 months internship (Aug 2017-May 2018) Under Arun Nalapat Architects,
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COMMENDATIONS

- 2018 - Best performer Award in Academics in All semesters.
Best Outgoing student Award -2018. (Srinivas School of Architecture)
- 2017 - Shaila.Bantanur,Sanketh.P,Vikas.S,Ramkumar.P,Nidhish.G.K "PASSIVE STRATEGIES OF ROOM ACOUSTICS IN AN EXISTING INSTITUTION OF HIGHER EDUCATION" Paper Published In an international Conference On Sustainable Built Environment-Dialogues on Smart built environment-SBE-2017, I.I.T Roorkee,India, 3-5 Feb 2017.
- 2016 - INTACH AWARDS FOR EXCELLENCE IN DOCUMENTATION -2016. Our entry "Documentation of Guru basadi at moodabidri,Karnataka was awarded "Award of Merit(South Zone)" (Group of 6).
Documentary Club Incharge (Srinivas School of Architecture).
University 3rd rank in 6th semester (VTU, Belagavi).
- 2015 - Team member - Installations and painting committee for ZONASA -2015 (Zone 5).
University 4th and 7th rank in 4th and 5th semesters respectively-VTU
- 2014 - Team member for ANDC- 2014 ,Redevelopment of Madiyan Koolam temple, Kanhangad,Kerala.
University 2nd and 7th ranks in 2nd and 3rd semesters respectively.
- 2013 - 26 th Rank in NATA in karnataka.



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01

SEA VIEW TOURIST HOTEL At Ullal, Mangaluru

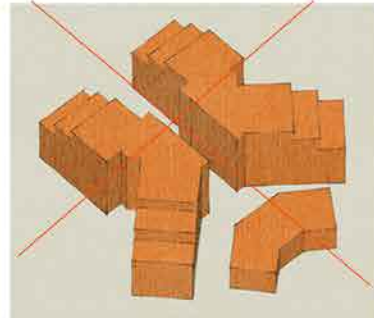
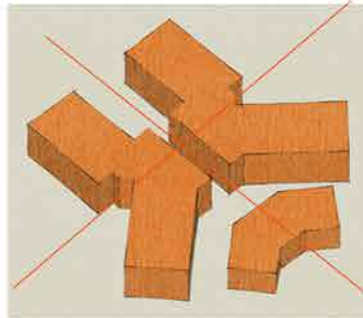
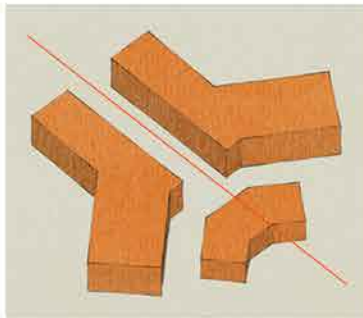
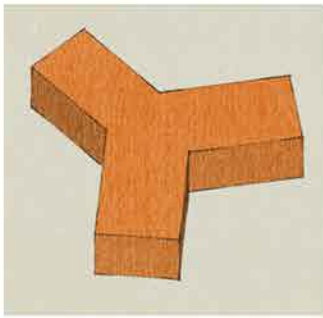
5th semester design studio

Type: Hospitality

Location: Ullal, Mangaluru

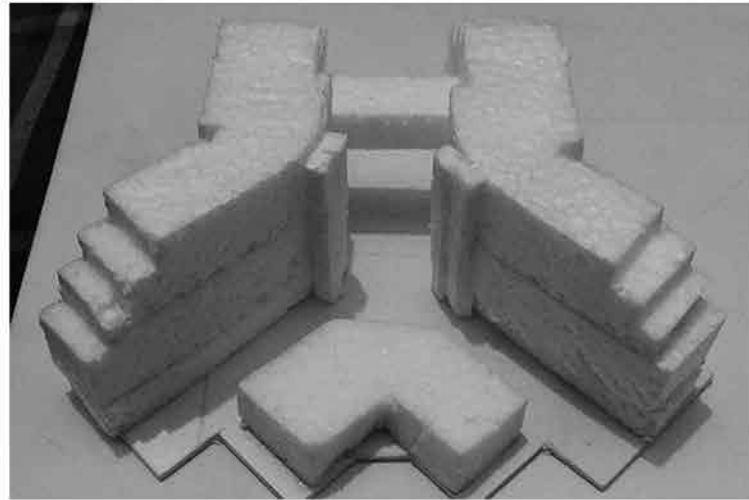
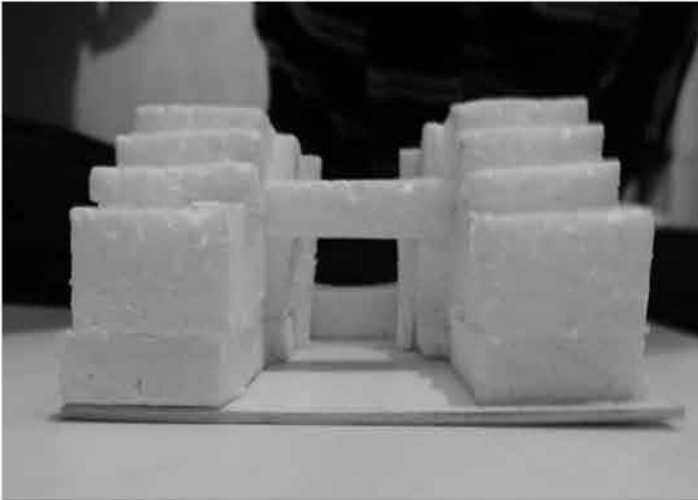
The project site is located in Ullal, Mangaluru. As the name suggests, The project was to create a sea view hotel along with amenities like sports, meditation spaces and party halls etc. Design started with the term "Sea view". The idea was to create an axis towards the sea through the building form itself. This axis concept is used in the site planning as well; The main block is placed at the centre of the site and other amenities are placed axially surrounding it. Small platforms at the junction of the two axes also accentuates the axial character



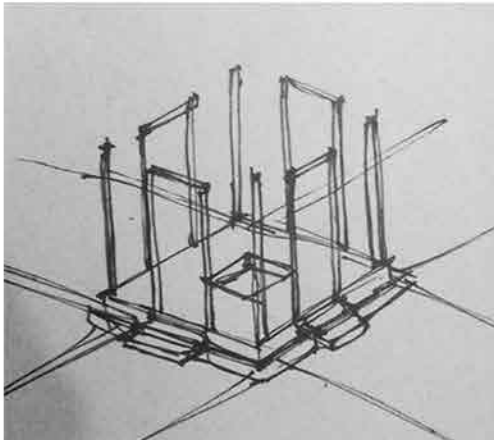


DEVELOPMENT OF FORM

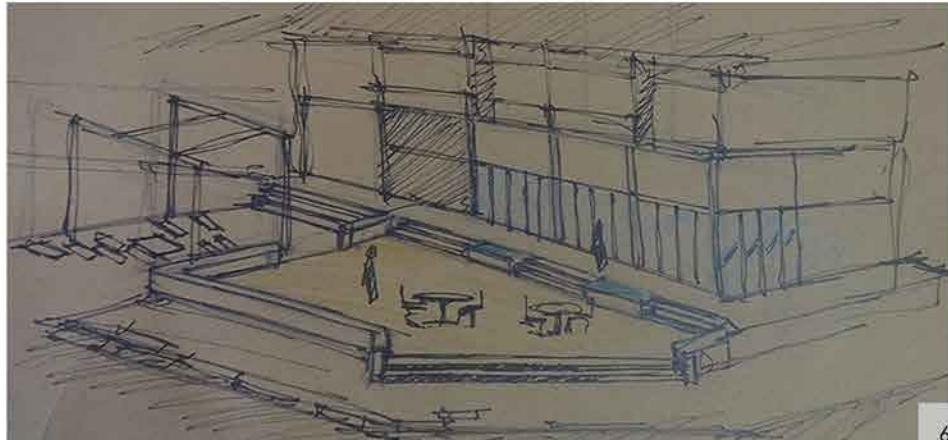
Form of the building is a derivative of the requirements given. The stepped form of the building makes it visually balanced. Also the two rising towers create an axis in between them which is directed towards the sea. The two towers are connected through a bridge at the second floor which is a viewing gallery.



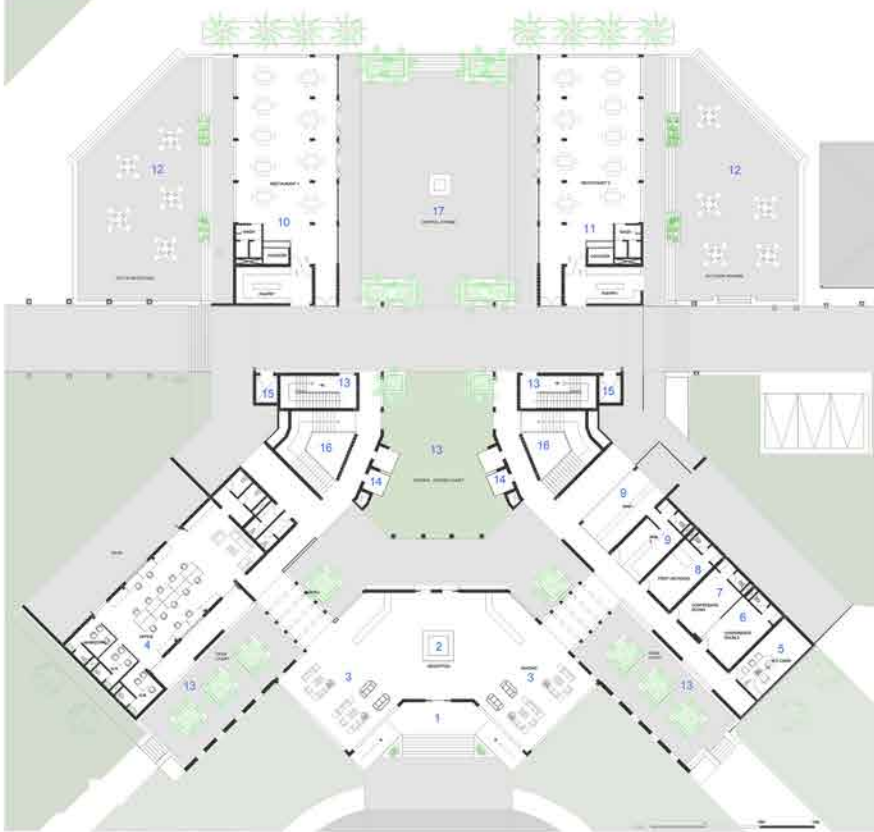
CONCEPTUAL BLOCK MODEL



RAISED PLATFORM AT INTERSECTION OF PATHWAYS



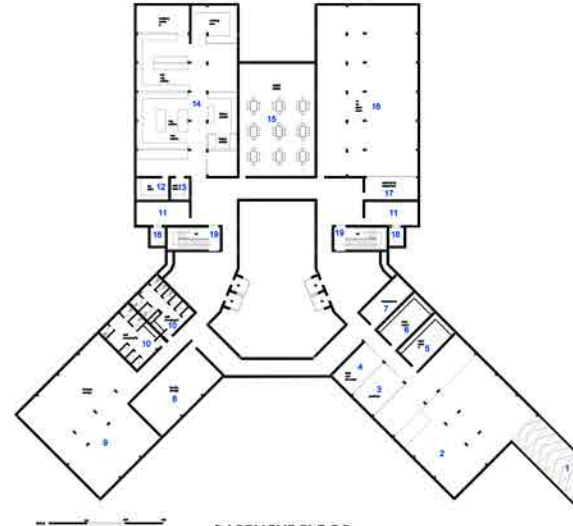
RESTAURANT OUTDOOR SEATING AREA



GROUND FLOOR PLAN



SECTION



BASEMENT FLOOR



CONCEPTUAL VIEW OF ATRIUM

GROUND FLOOR

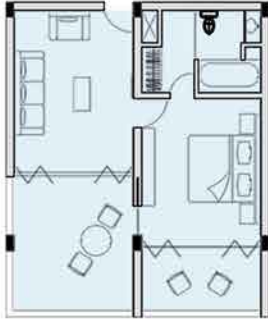
1. ENTRY
2. RECEPTION
3. WAITING
4. OFFICE
5. M.D CABIN
6. CONFERENCE ROOM 1
7. CONFERENCE ROOM 2
8. FIRST AID ROOM
9. SHOPS
10. RESTAURANT 1
11. RESTAURANT 2
12. OUTDOOR SEATING
13. SERVICE STAIRCASE
14. LIFT
15. SERVICE LIFT
16. STAIRCASE
17. ATRIUM

BASEMENT FLOOR

1. ENTRY RAMP
2. UNLOADING AREA
3. PURCHASE DEPARTMENT
4. FOOD AND BEVERAGE DEPARTMENT
5. STORE ROOM 1
6. TORE ROOM 2
7. MAINTAINACE ROOM
8. LAUNDRY STORAGE
9. FURNITURE STORAGE
10. STAFF RESTROOM
11. SERVICE
12. DRY STORAGE
13. COLD STORAGE
14. KITCHEN
15. STAFF DINING
16. HVAC
17. ENGINEERING DEPARTMENT
18. SERVICE LIFT
19. SERVICE STAIRCASE



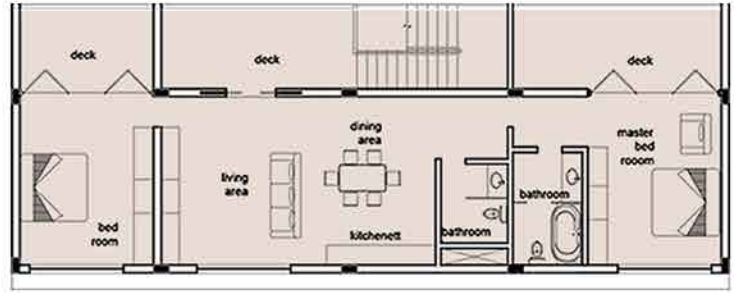
SINGLE ROOM



EXECUTIVE SUIT



DOUBLE ROOM



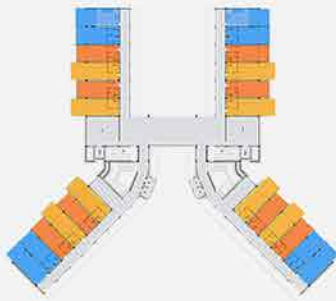
COTTAGE (28HK)



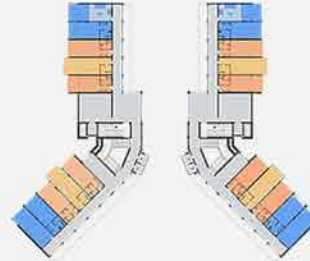
FIRST FLOOR



SECOND FLOOR

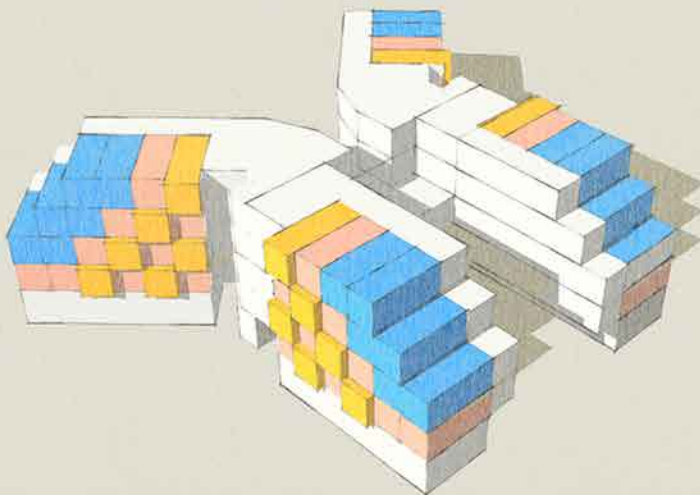


THIRD FLOOR



FOURTH FLOOR

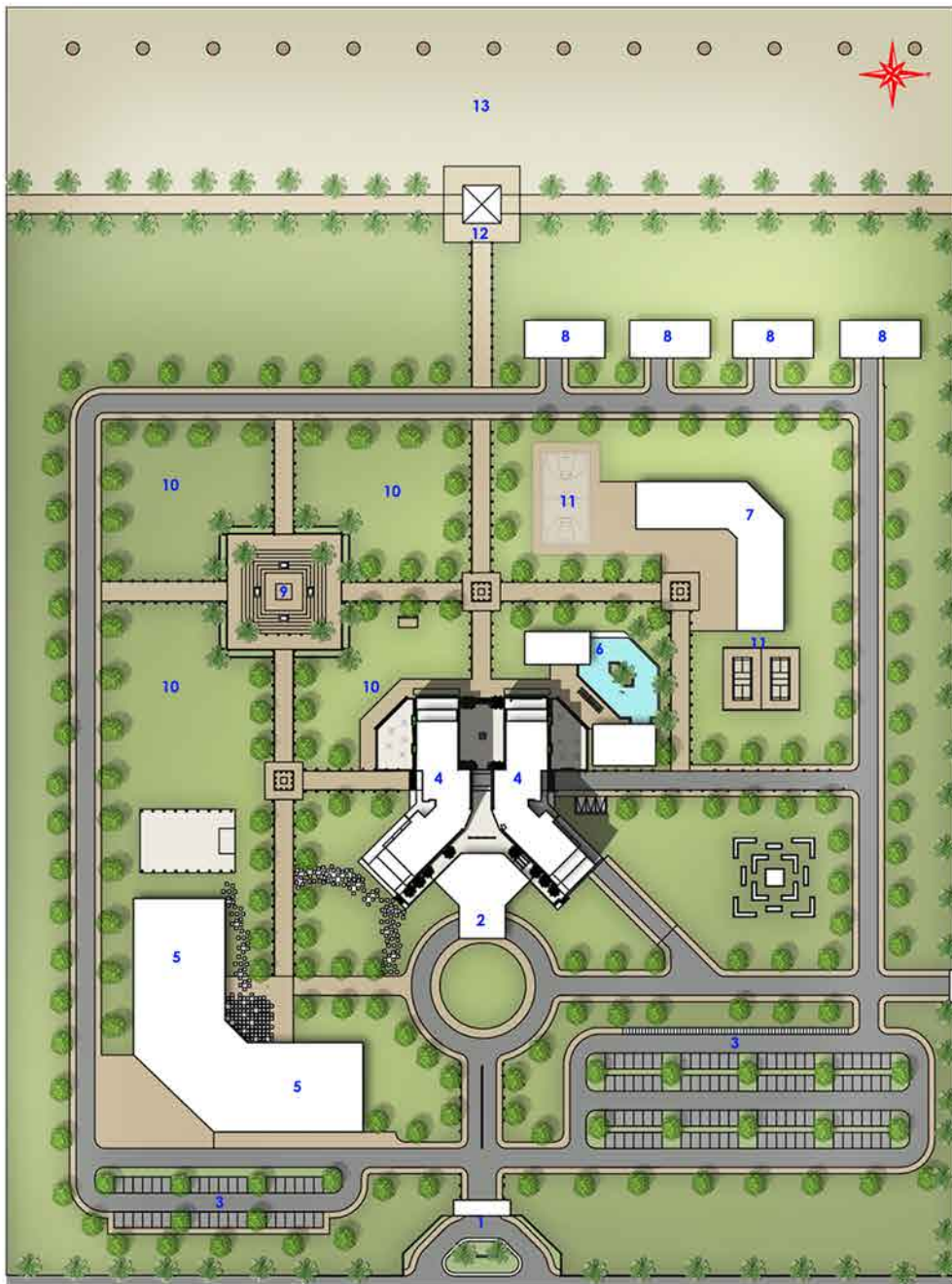
FLOORWISE CONFIGURATION



BLOCK CONFIGURATION



CONCEPTUAL VIEW



SITE PLAN

ROAD

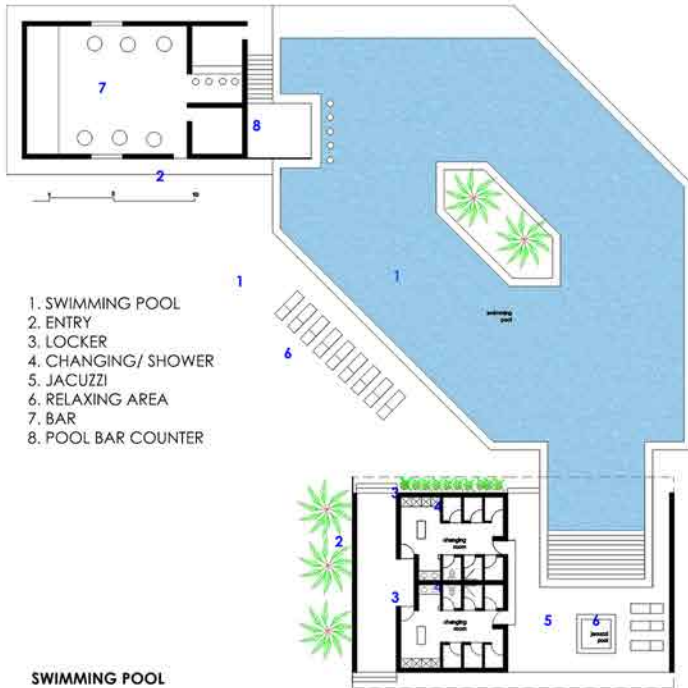
road

LEGEND

- 1. ENTRY
- 2. DROPP OFF
- 3. PARKING
- 4. HOTEL
- 5. PARTY HALLS
- 6. SWIMMING POOL
- 7. RECREATIONAL BLOCK
- 8. COTTAGES
- 9. AMPHITHEATRE
- 10. PARTY SPACES
- 11. OUTDOOR SPOORTS
- 12. BEACH ENTRY
- 13. BEACH



FRONT VIEW OF THE HOTEL



02

FISHERMEN HOUSING At Mangaluru

8th semester Architectural design Thesis

Type: Housing

Location: Sasihithlu, Mangaluru

Fishing communities are one of the major communities of coastal regions. These fishing communities live in villages located near a fishing ground and are known as fishing villages. Fishing communities are also one of the poorest communities of India. Problems related to water supply, sanitation, housing shortage are some of the common problems in fishing villages.

Karnataka state has 320 km long coast line, Fishing is one of the major economical activities in these coastal zones. There are about 9.61 lakh fishermen in the state of which 3.28 lakh fishermen in marine and 6.33 lakh fishermen are in inland who are involved in various fisheries activities.

In order to support these fishermen State and central government have started many welfare schemes. These schemes include providing loan facilities, Housing facilities, and also training programs for these fishermen for sustainable fishing practices. One of the main components of this scheme is "Model fishermen village" which is providing housing facilities for the homeless fishermen.

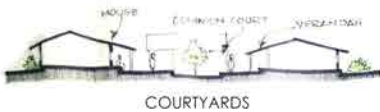
AIM: Aim of the project is to create a model fishermen housing at Sasihithlu and provide alternate source of income for these fishermen by integrating tourism aspect to it. Project also focuses on preservation of cultural aspects of fishermen by creating an interpretation centre.





WHY SASIHITHLU..

The site is located in Sasiithlu , near Surathkal. There are 17 marine fishing villages in the district out of which , Sasiithlu has the highest number of traditional fishermen families. Sasiithlu is also a developing tourism spot. Recently many tourism activities like Beach festival, Kite festival, Surfing competitions etc have been started in the location. So this is an ideal location for development of a fishermen housing as well as tourism activities



COURTYARDS



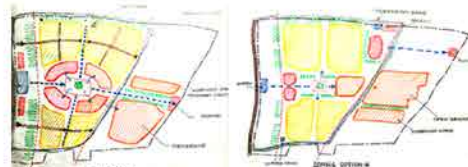
HIERARCHY OF OPEN SPACE



SEMI COVERED SPACES



MUSEUM TO FOSTER CULTURE AND HISTORY



ZONING OPTIONS

CONCEPT

Fishermen are cooperative people and they work in a group. Their housing environment should be interactive in nature. Also they spend most of their time outside their houses during day thus semi open spaces are an important part of their house. The focus is on how effectively these spaces can be used to carry out their different activities and also bring visual interaction in the community

Hierarchy of spaces is an important factor in a community . Transition from private to public zone should be gradual. individual houses open up to a central courtyard or primary open space which gradually opens up to secondary open space thus brings out a visual comfort



MASTER PLAN



FIGURE GROUND



SERVICES



LEGEND

1. ENTRY/ BUS STOP
2. SHOPS
3. LIBRARY
4. CENTRAL OPEN COURT
5. INTERPRETATION CENTRE
6. RESTAURANT
7. COMMUNITY HALL
8. DAY CARE CENTRE
9. COMMUNITY CENTRE
10. HOUSING CLUSTER
11. DONI VIHARA/BOATING
12. WORK SHEDS

CLUSTER DEVELOPMENT



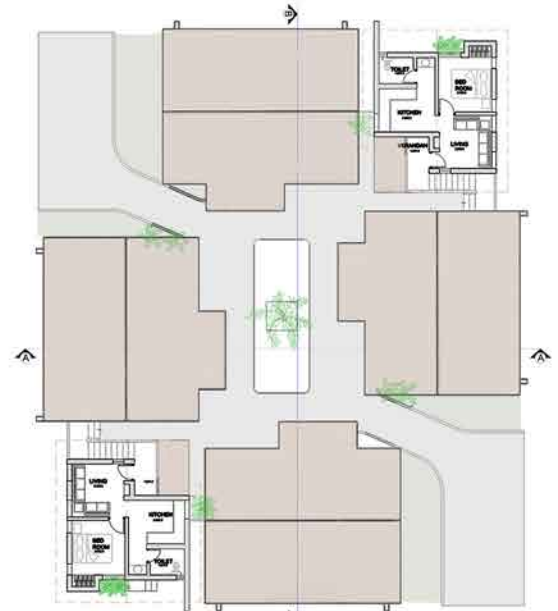
SECTION A - A



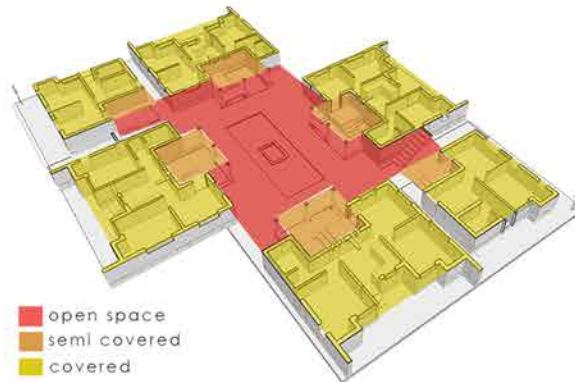
SECTION B - B



GROUND FLOOR PLAN



FIRST FLOOR PLAN



- open space
- semi covered
- covered

ZONING

COMMUNITY LIFE

Interaction between people is an important factor in any community. Thus the idea of interaction at various levels is used in the design. Each cluster has two types of houses, 1 bhk and 2 bhk. These houses are arranged around a central common courtyard. The courtyard is a part of the community life. It is used for various activities during different times of the day. Also this is the smallest open space in the community or the primary open space which opens into secondary open spaces. Houses have semicovered verandahs in the front which act as a buffer between indoor and outdoor spaces.

Vehicular entry is restricted to the peripheral roads of the site. Only two wheeler access is provided to the individual clusters. Thus movement within the community is purely pedestrian, which also helps to keep the environment interactive.

USE OF THE COURTYARD SPACE DURING DIFFERENT TIME INTERVALS



This is the primary interaction zone, creates interaction between people from the houses around. During morning courtyard will be shaded.



During afternoon, The courtyard will be bright and can be used for the purpose of drying fish, clothes etc.



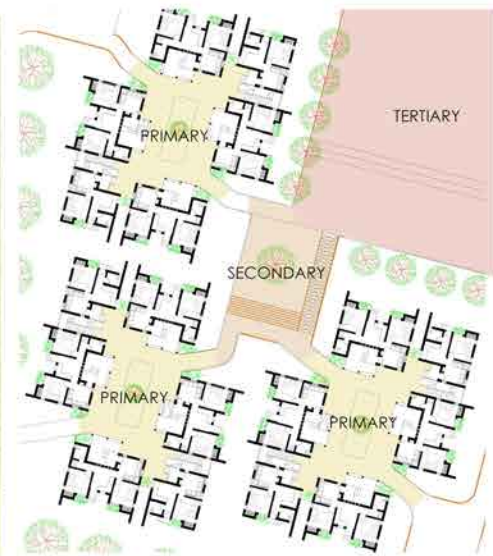
In the evening, The courtyard can be used as a play area by small kids of the house. Elders can sit in the verandah and keep an eye on the kids.



Evenings are the only time when fishermen are free and spend time with their family and friends. This space acts as an effective space for small talks and interaction.



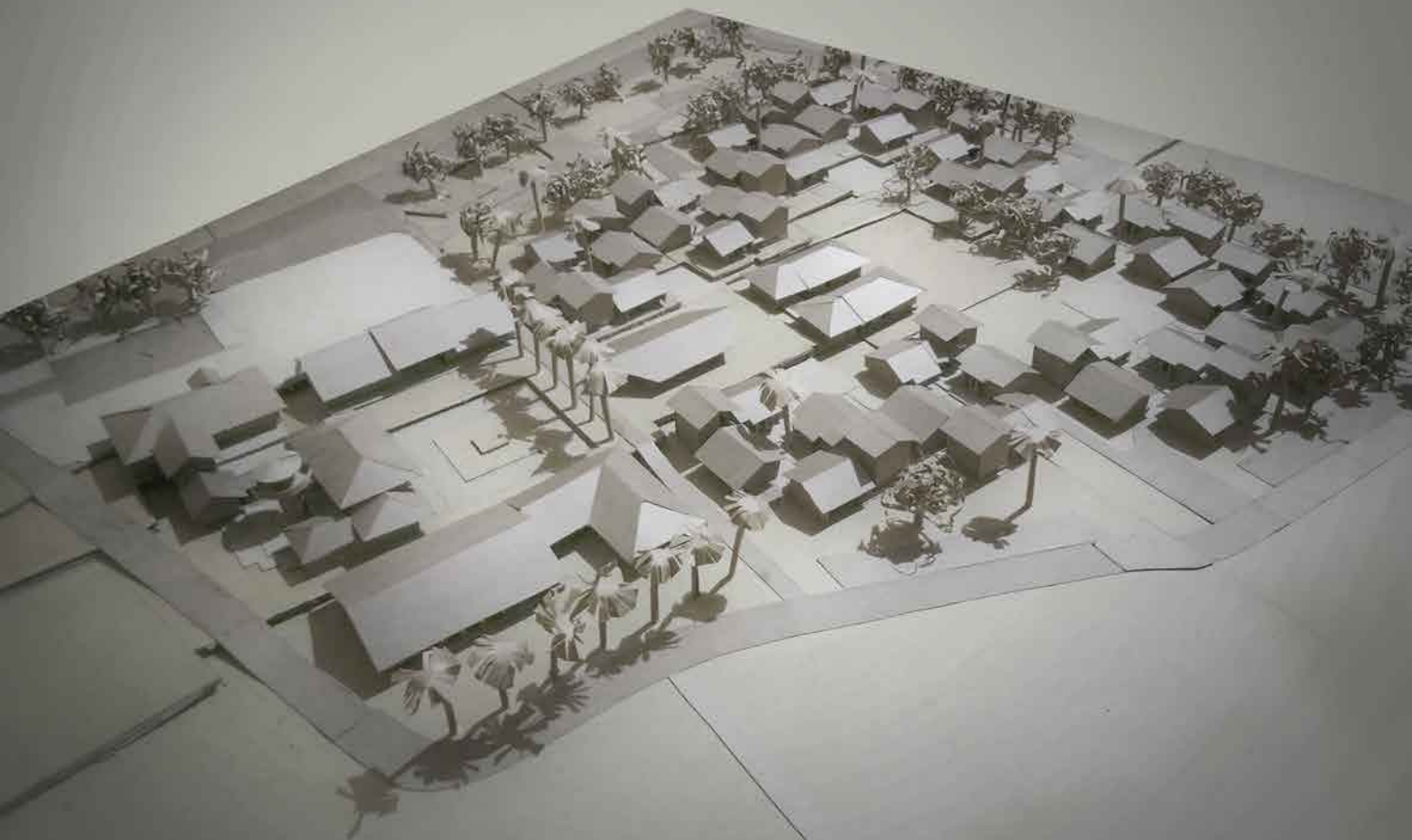
BIRDS EYE VIEW OF THE SITE

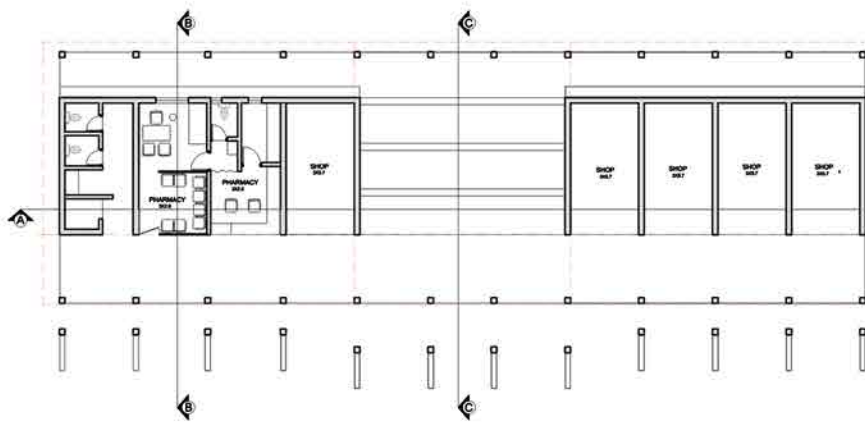


HIERARCHY OF OPEN SPACES

HIERARCHY OF OPEN SPACES

The housing clusters are arranged in a pattern so that the spaces open up from the smallest to the largest. Smallest open space is the courtyard of the individual clusters. This courtyard will be the primary interaction level in the community. These individual clusters are arranged to form the a larger open space between them which will be the next level of open space, a 'Secondary open space'. This helps to create the secondary level interaction. Small kids can play in the primary spaces so that elders can keep an eye on them where as other children can play in the secondary open spaces





FLOOR PLAN- SHOPS, HEALTH CENTRE



SECTION B-B



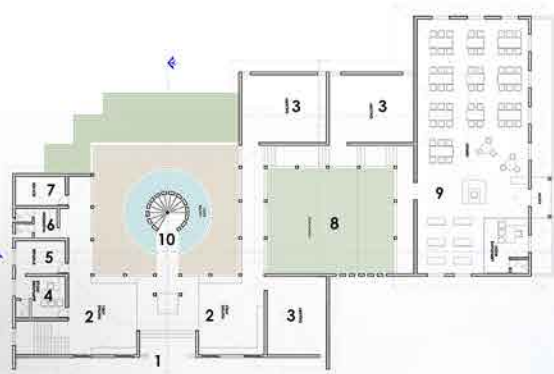
SECTION A-A

SHOPS

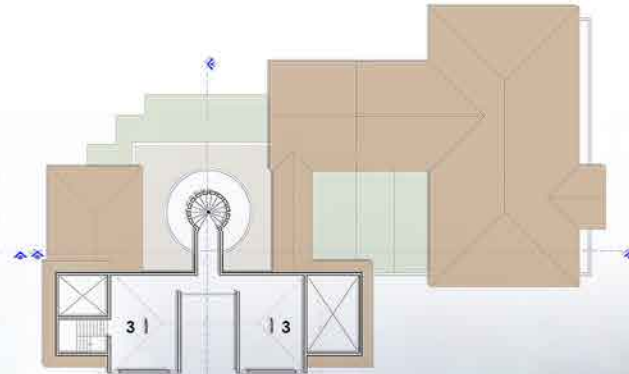


VIEW OF THE SHOPS

INTERPRETATION CENTRE



GROUND FLOOR PLAN



FIRST FLOOR PLAN

LEGEND

1. ENTRY
2. WAITING AREA
3. GALLERY
4. CURATORS OFFICE
5. STORE ROOM
6. TOILET
7. ELECTRICAL
8. COURTYARD
9. LIBRARY
10. STAIRCASE

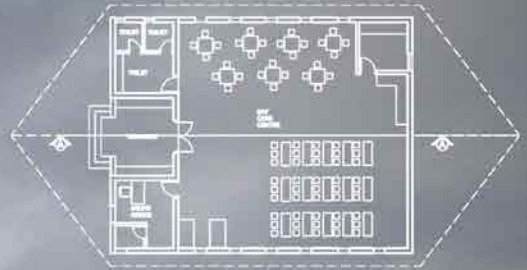
The purpose of the museum is to preserve fishermen culture and tradition and history. Local Architectural features are implemented in the design. Also there is an attempt to create a replica of light house, which has been a part of fishermen's life for years. The museum consists of exhibition spaces, library, and a view gallery at the top of light house staircase



DAY CARE CENTRE



SECTION



PLAN



MULTIMODAL TRANSIT HUB At Mangaluru Central

7th semester Urban design studio

Type: Public

Location: Mangaluru

The project was to design a multimodal transit hub at Mangaluru central railway station, which is an addition to the exiting railway station building. 'A multimodal transit hub is a place where passengers or cargo are exchanged between vehicles or transport modes'. The semester was divided into two halves, first half included the study and analysis of the urban context, which was a group work and the second half was the design proposal (Individual work)

A transit hub is a place, a person would first enter when he visits a new city. So the kind of ambience he experiences there can create an image of the whole city in his mind. So the main focus here is to create a good ambience for the users through proper planning of circulation, waiting time /area, and basic amenities. The design also focuses on introducing the city through some elements like paintings, sculptures and built forms showing local culture, artforms and architecture.





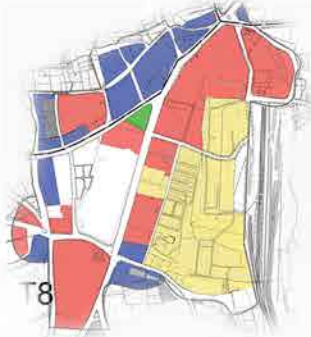
MANGALURU CENTRAL RAILWAY STATION

MANGALURU CENTRAL

Mangaluru, Officially known as 'Mangaluru' is the chief port city of Karnataka. It is located 352kms west of the state capital Bengaluru. Mangaluru central is a railway terminus in the city and is one of the major railway stations of Karnataka. Trains from here connect to prominent state capitals of India like Chennai, Bangalore, Thiruvananthapuram (via South Railway), Mumbai (via Konkan Railway)



GOOGLE EARTH IMAGE OF THE SITE



LANDUSE MAP OF THE LOCATION

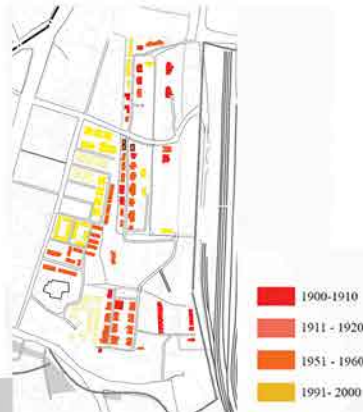


FIGURE GROUND MAP



OWNERSHIP STATUS

■ GOVERNMENT
■ PRIVATE



GOOGLE EARTH IMAGE OF THE SITE



HEIGHT OF THE BUILDING

G
G+1
G+2
G+3
G+4
G+5



POPULATION DENSITY

100-200
201-300
301-400
401-500



SITE MODEL

SITE AREA: 28 ACRES

LEGEND

- 1. TRANSIT HUB
- 2. RAILWAY STATION
- 3. TEMPORARY PARKING
- 4. PARK
- 5. PREPAID AUTO
- 6. PREPAID TAXI
- 7. INFORMAL MARKET
- 8. BUDGET HOTEL
- 9. RAILWAY HOUSING
- 10. GODOWN
- 11. OFFICES/MLCP
- 12. EXISTING TEMPLE



MASTERPLAN

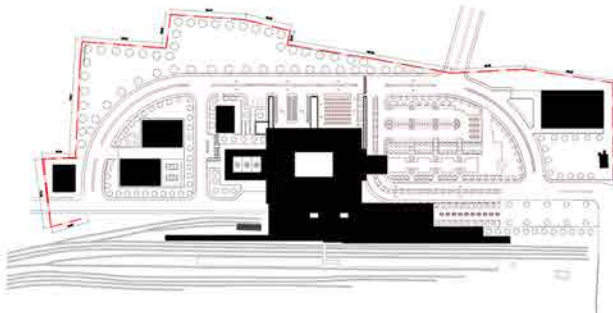
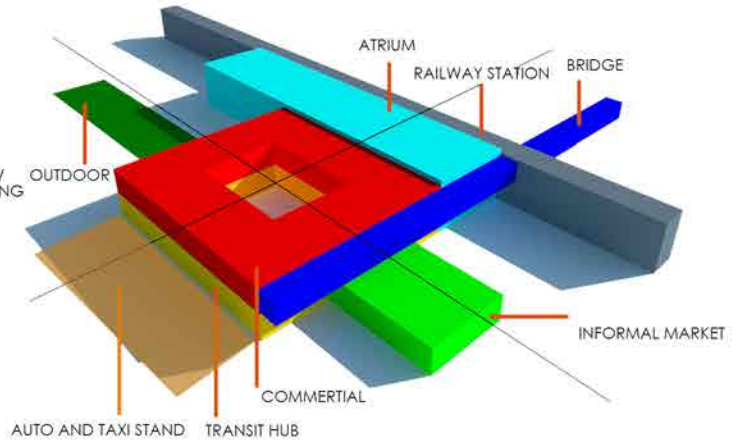
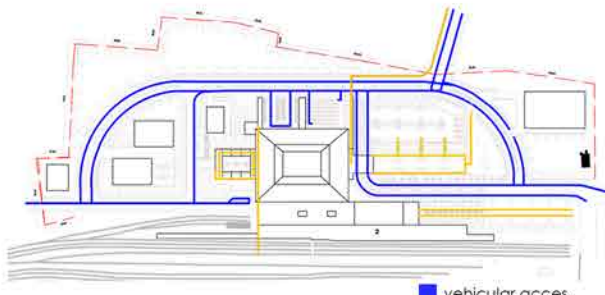


FIGURE GROUND



BASIC CONFIGURATION OF TRANSIT HUB



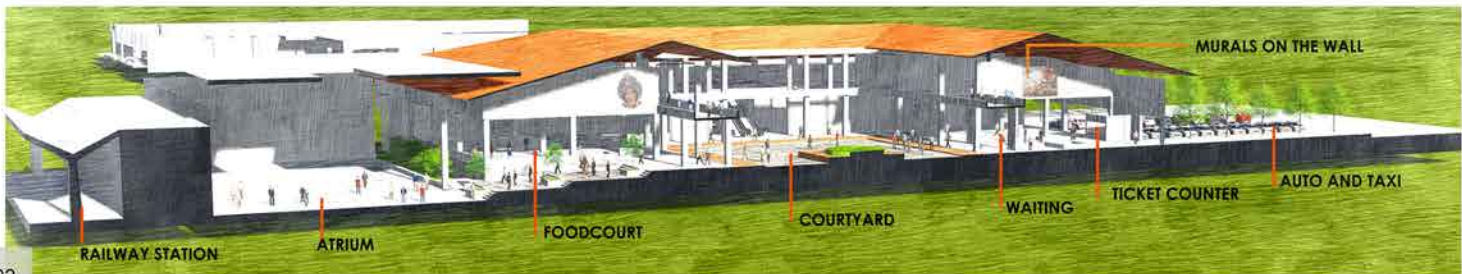
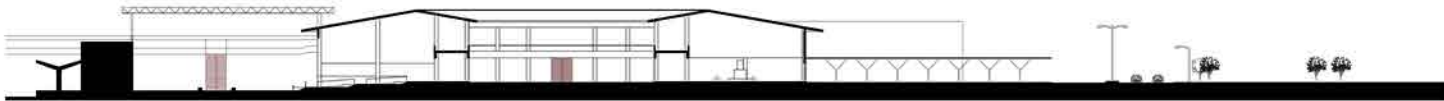
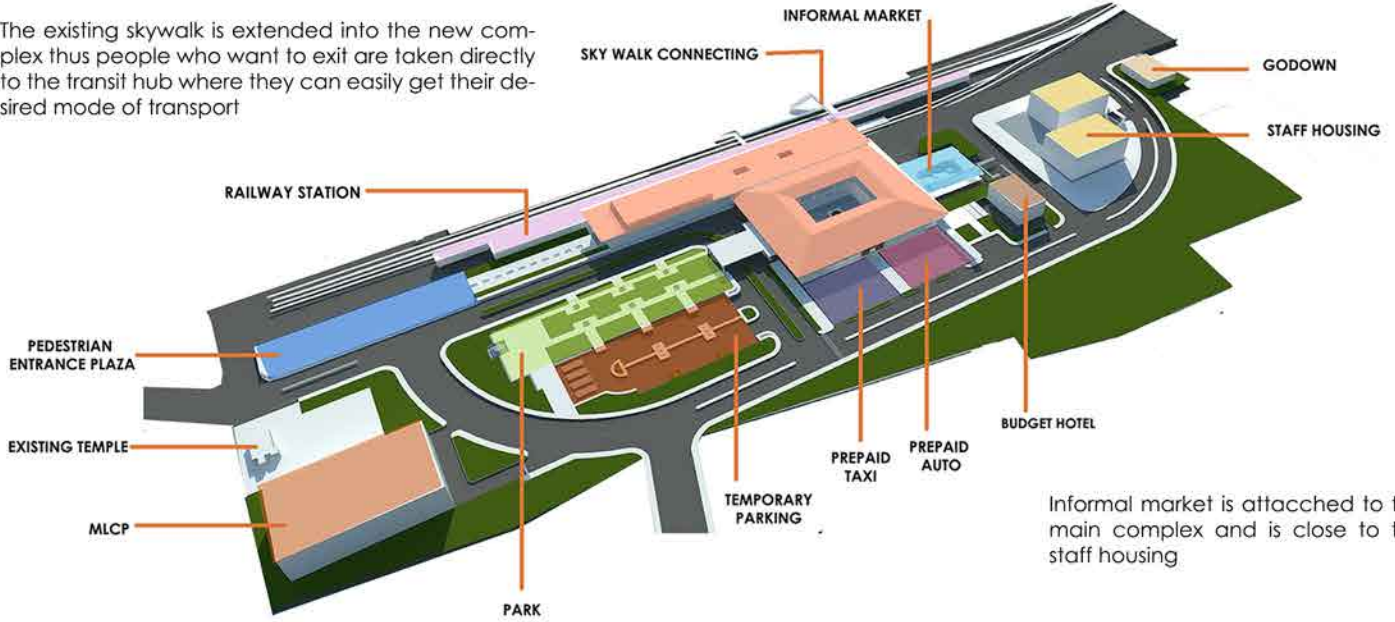
PEDESTRIAN AND VEHICULAR MOVEMENT

- vehicular acces
- Pedestrian

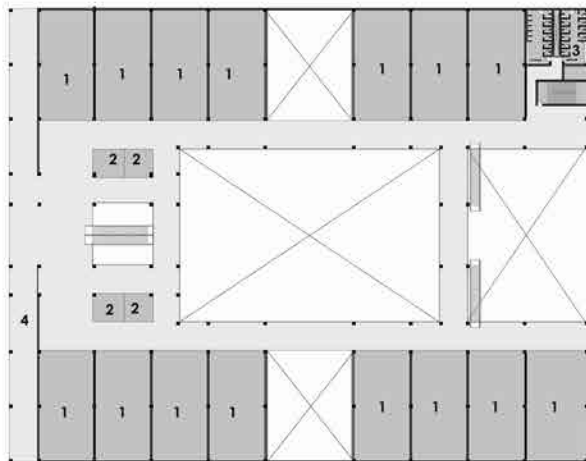
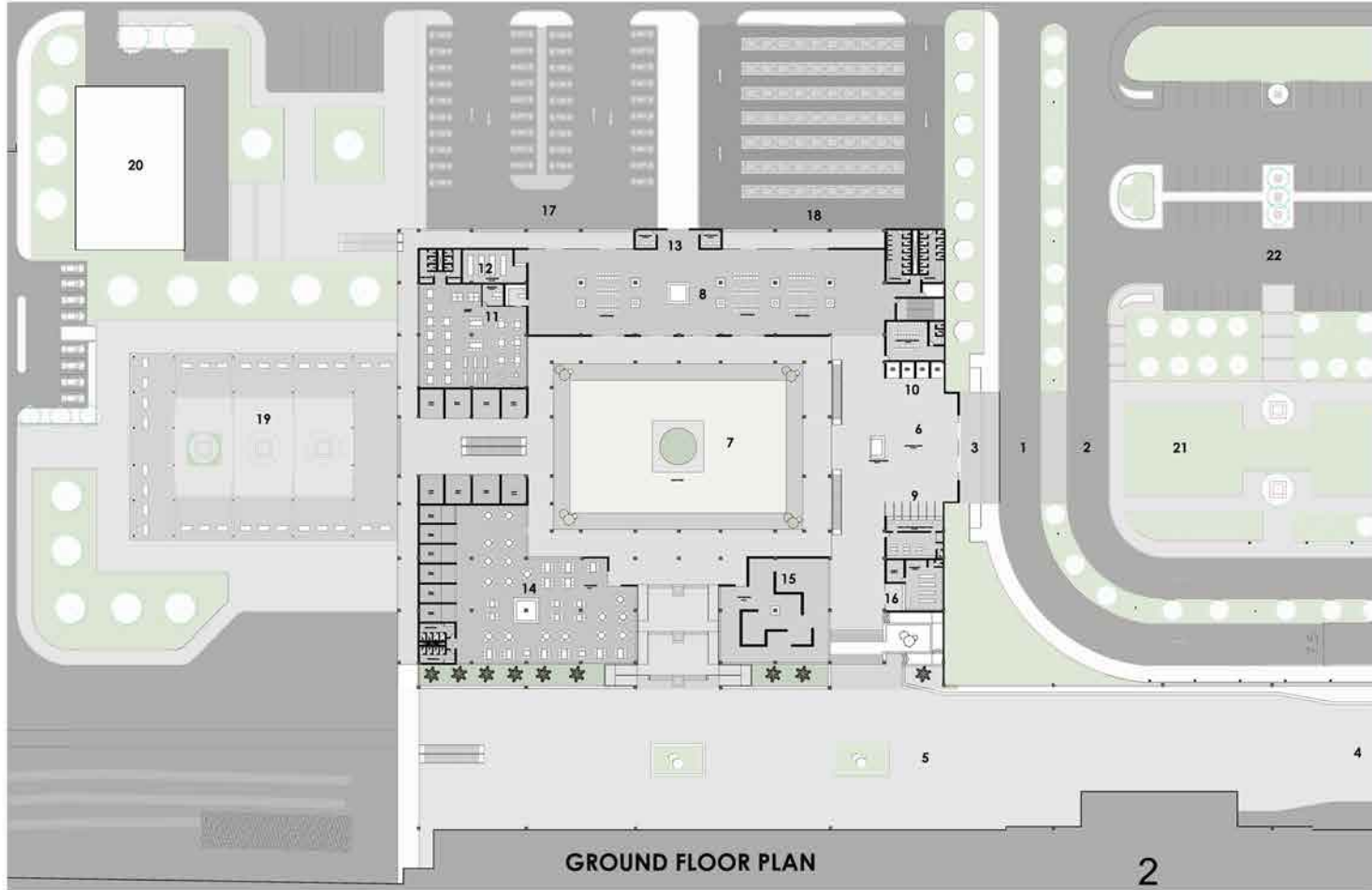
Importance is given for separating pedestrian and vehicular movement. Since most of the passengers visiting are pedestrians, a wider pedestrian entry is also included in the design. It also has a plaza in the front which has spaces for small shops and vendors on the sides. The original railway station building is kept intact and a new block is added in the front. The atrium created between the two is covered with space frame structure. Design also includes an outdoor waiting area/ garden in the front.

The pedestrian entrance has been emphasised by providing wider space and also creating an informal public plaza at the entry level

The existing skywalk is extended into the new complex thus people who want to exit are taken directly to the transit hub where they can easily get their desired mode of transport



SECTION SHOWING DIFFERENT LEVELS



GROUND FLOOR PLAN

2

GROUND FLOOR

1. DROP OFF (AUTO)
2. DROP OFF (TAXI /OTHER)
3. ENTRY
4. PEDESTRIAN ENTRY
5. MAIN WAITING ATRIUM
6. LOBBY
7. CENTRAL COURTYARD
8. MAIN WAITING AREA
9. OFFICE/ TICKET COUNTER
10. ATM
11. LIBRARY
12. CLOAK ROOM
13. TAXI AND AUTO TICKET COUNTER
14. FOOD COURT
15. ART GALLERY
16. PHARMACY
17. PREPAID TAXI
18. PREPAID TAXI
19. INFORMAL MARKET
20. BUDGET HOTEL
21. GARDEN
22. TEMPORARY PARKING

FIRST FLOOR

1. SHOPS (200SQ.M)
2. SMALL SHOPS
3. TOILET
4. CORRIDOR CONNECTING TO RAILWAY STATION

FIRST FLOOR PLAN

04

INTERNATIONAL RESIDENTIAL SCHOOL At Moodabidri

6th semester design studio

Type: Educational

Location: Moodabidri

The project was to design an international residential school , which will be a part of excellent pre university college. the site was a sloping site located next to the existing pre university block. The requirements included primary , highscool, kidergarten blocks and also other facillities like Accomodation for students and staff, sports, Auditorium, Dining hall, Arts and Crafts block etc.



Design started with the idea of creating interaction between students. Designing spaces which would create interaction at various levels. This idea led to the creation of multiple blocks with patches of green spaces or courtyards in between. The blocks were placed according to the slope of the site and they were connected through stepped, covered corridors. The courtyard spaces created by the staggered placement of the blocks were the outdoor learning spaces.



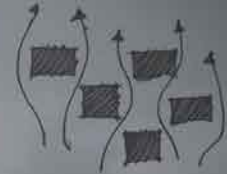
COURTYARD



STAGGERED COURTYARD



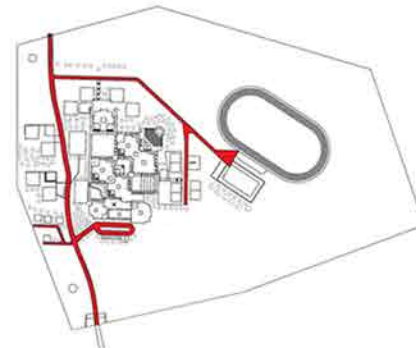
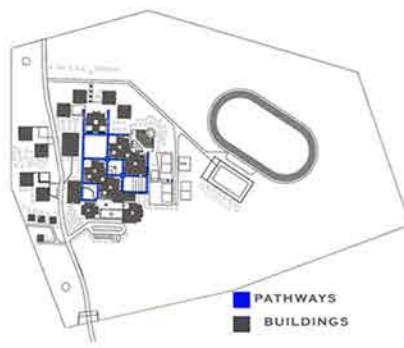
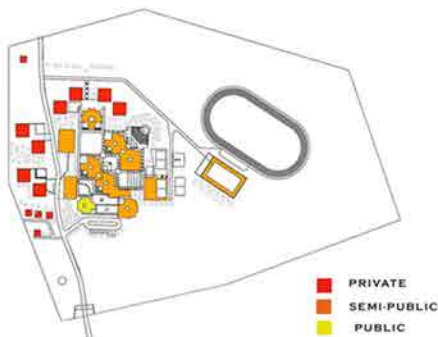
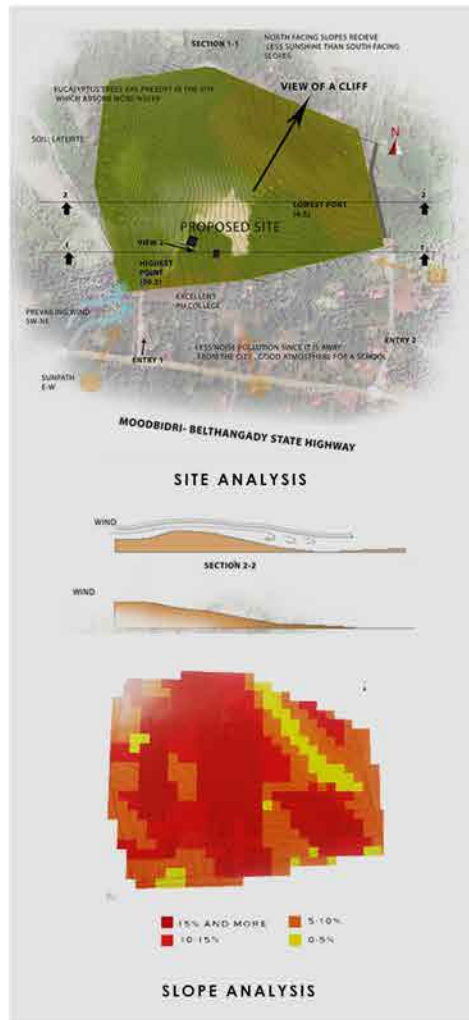
STAGGERED BLOCKS



WIND MOVEMENT

Different forms of courtyards were also implemented in the design. Courtyards of different scale and type could be seen in the design. The staggered placement of the blocks increases the speed of the wind through the blocks, which is an important comfort factor in a warm and humid climate.





GROUND FLOOR

- 1. ENTRY
- 2. STAFF ROOM
- 3. CLASROOM
- 4. SICK ROOM
- 5. ACTIVITY AREA
- 6. TOILET



GROUND FLOOR PLAN

FIRST FLOOR

- 7. LIBRARY
- 8. COMPUTER LAB
- 9. BIOLOGY LAB
- 10. PHYSICS LAB
- 11. CHEMISTRY LAB



FIRST FLOOR PLAN



VIEW OF THE ENTRANCE



TOP VIEW SHOWING THE STAGGERED BLOCKS AND COURTYARDS



SECTION A-A (ADMIN)



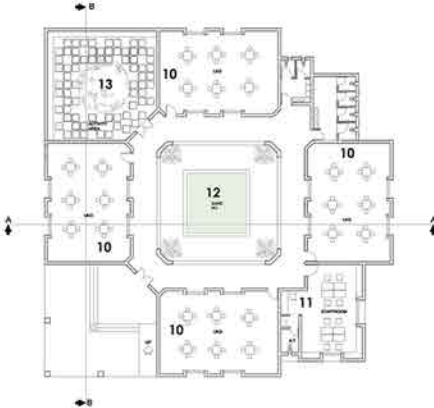
SECTION A-A (KINDERGARTEN)



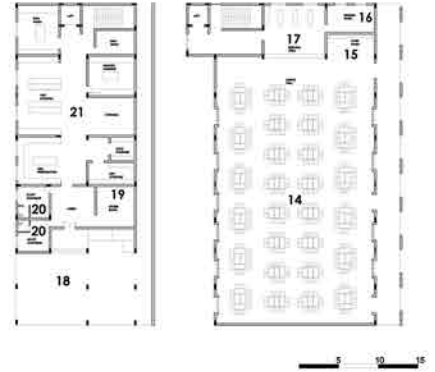
SECTION THROUGH DINING AND KITCHEN



ADMIN BLOCK



KINDERGARTEN



DINING HALL/KITCHEN



LEGEND

- 1. ENTRY
- 2. WAITING
- 3. COURTYARD
- 4. OFFICE
- 5. PRINCIPAL'S CABIN
- 6. VICE PRINCIPALS CABIN
- 7. PANTRY
- 8. CONFERENCE ROOM
- 10. CLASS ROOM
- 11. STAFF ROOM
- 12. SAND PIT
- 13. ACTIVITY AREA
- 14. DINING
- 15. HAND WASH
- 16. PLATE WASH
- 17. SERVING COUNTER
- 18. UNLOADING
- 19. STORE ROOM
- 20. STAFF CHANGING
- 21. KITCHEN

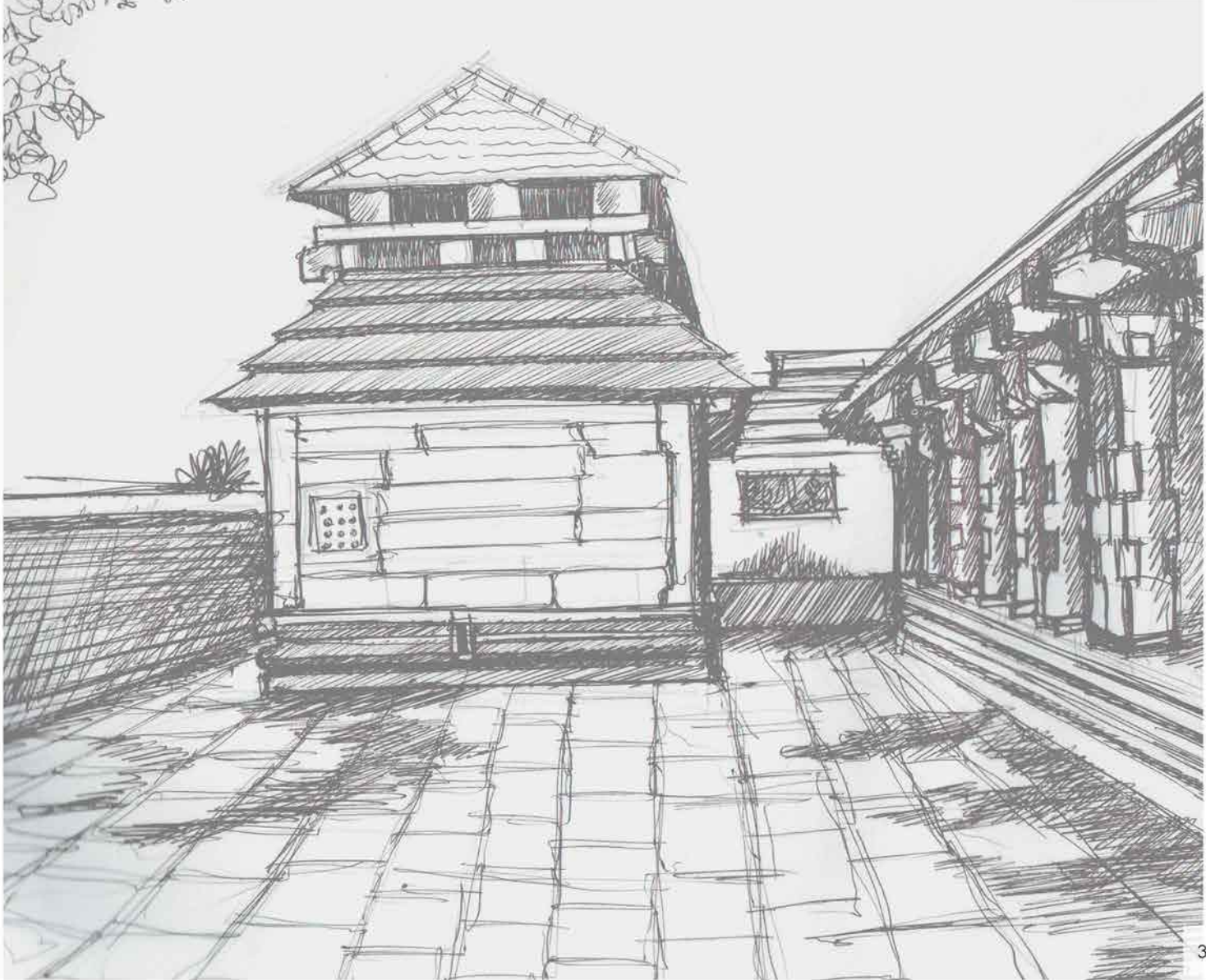
DOCUMENTATION OF GURU BASADI At Moodabidri

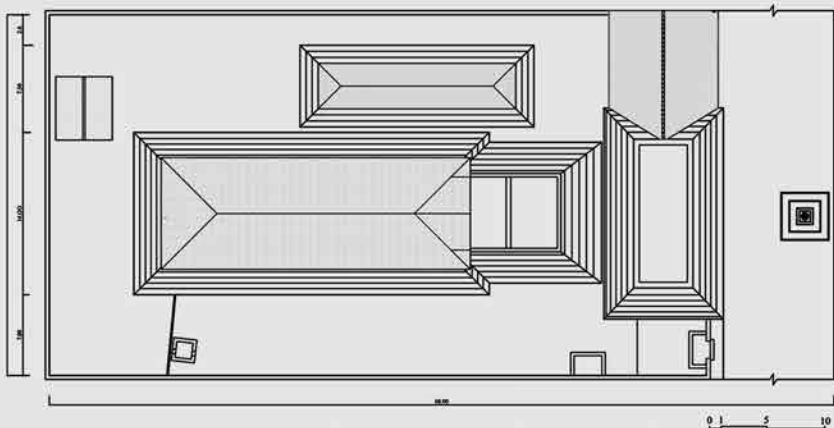
Competition project (Group of six)

Type: heritage documentation

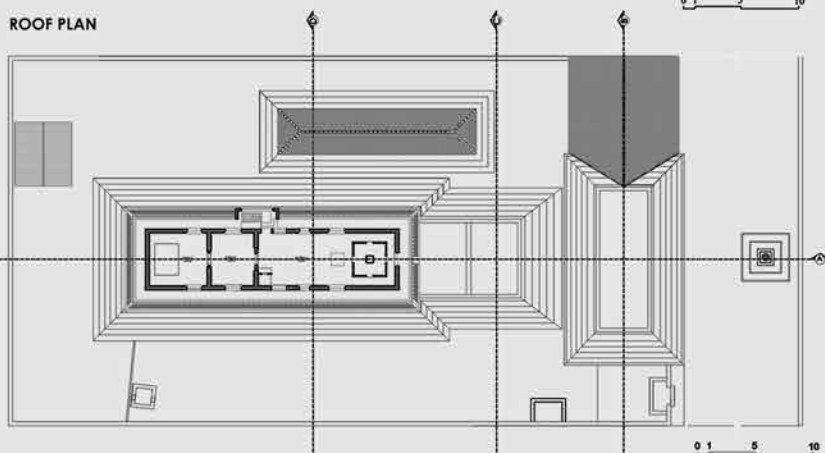
Location: moodabidri

This documentation was conducted for the "INTACH heritage awards for excellence in documentation" and the entry was selected for "Award of merit(southzone)"

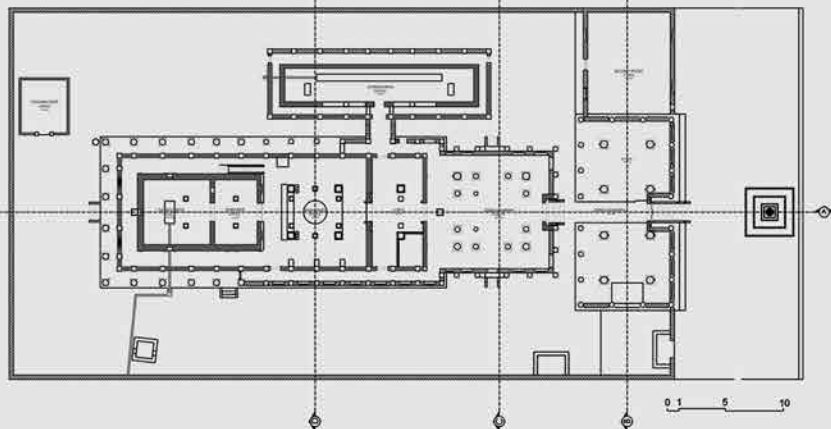




ROOF PLAN



FIRST FLOOR PLAN



GROUND FLOOR PLAN



FRONT ELEVATION



REAR ELEVATION



SECTION A-A



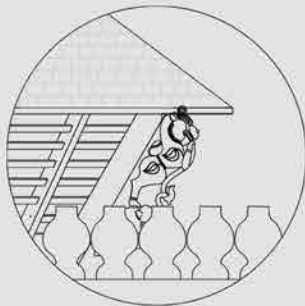
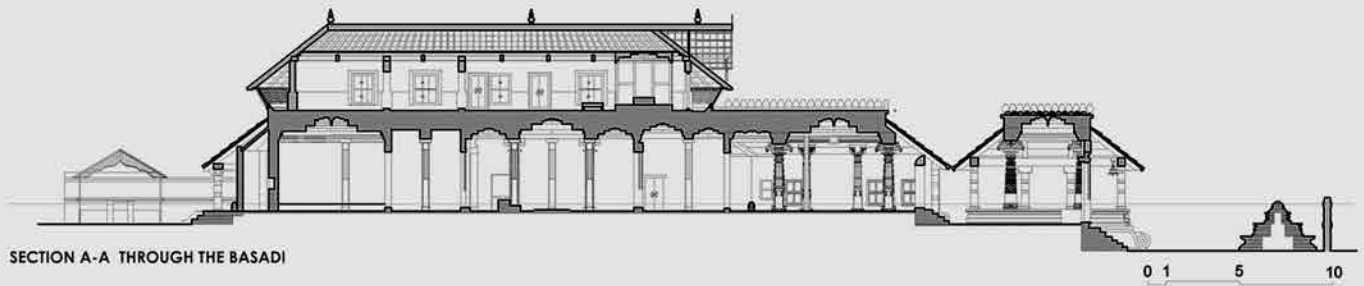
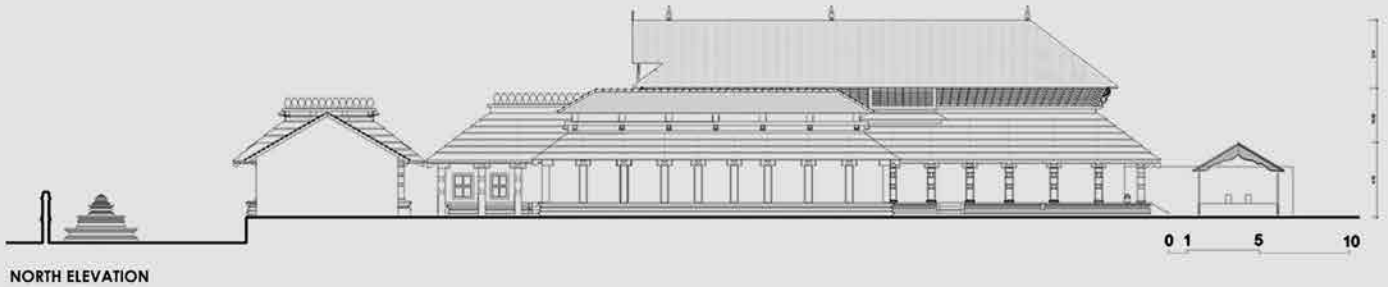
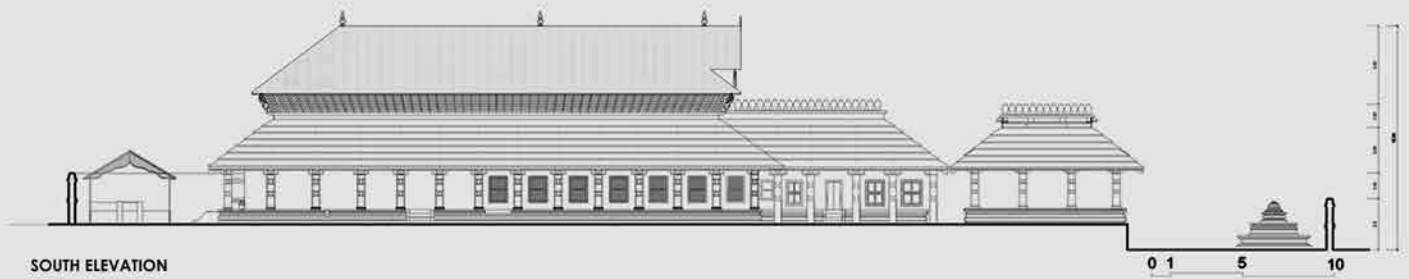
SECTION B-B



SECTION C-C



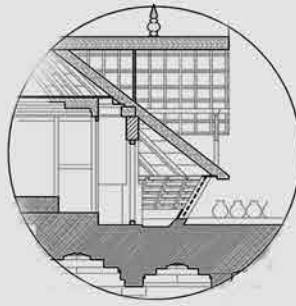
SECTIONAL ELEVATION



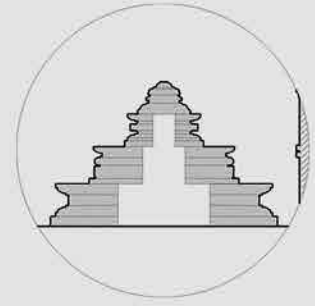
DETAIL AT FIRST FLOOR



DETAIL OF THE FINIAL



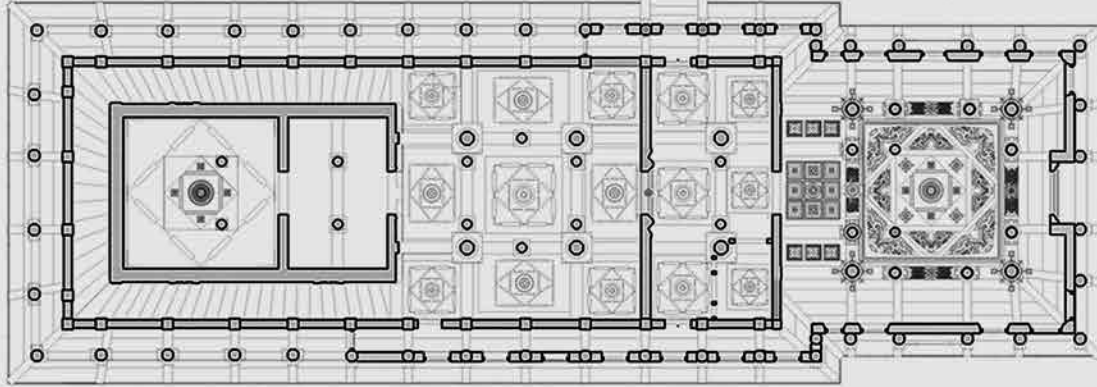
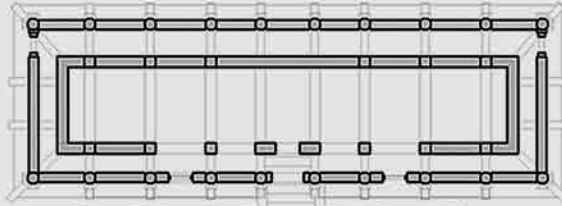
SECTIONAL DETAIL



SECTIONAL DETAIL



CARVINGS ON THE BEAM

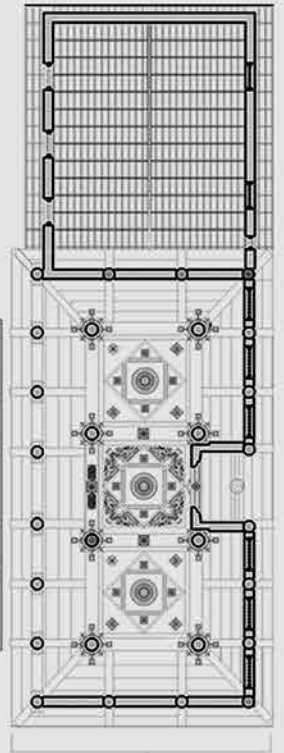


GARBHA GRIHA

SHUKANASI

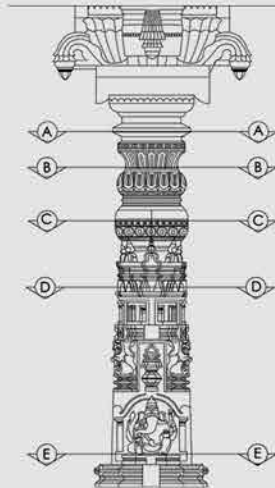
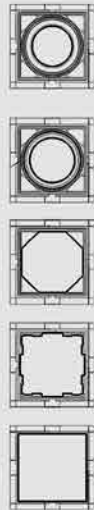
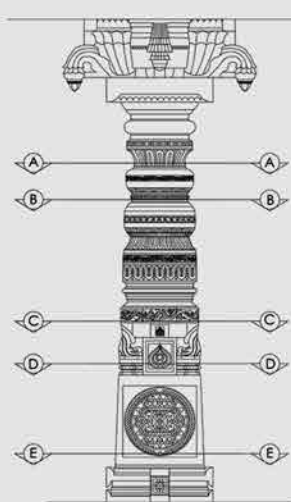
NAVARANGA

SABHA MANTAPA



MUKHA MANTAPA

REFLECTED CEILING PLAN



STONE CARVINGS

COLUMN ELEVATIONS AND PLANS AT DIFFERENT LEVELS

INTERNSHIP WORKS

Interned under- **Arun Nalapat Architects,**
Bangalore
Duration: 10 months
August 2017-May 2018

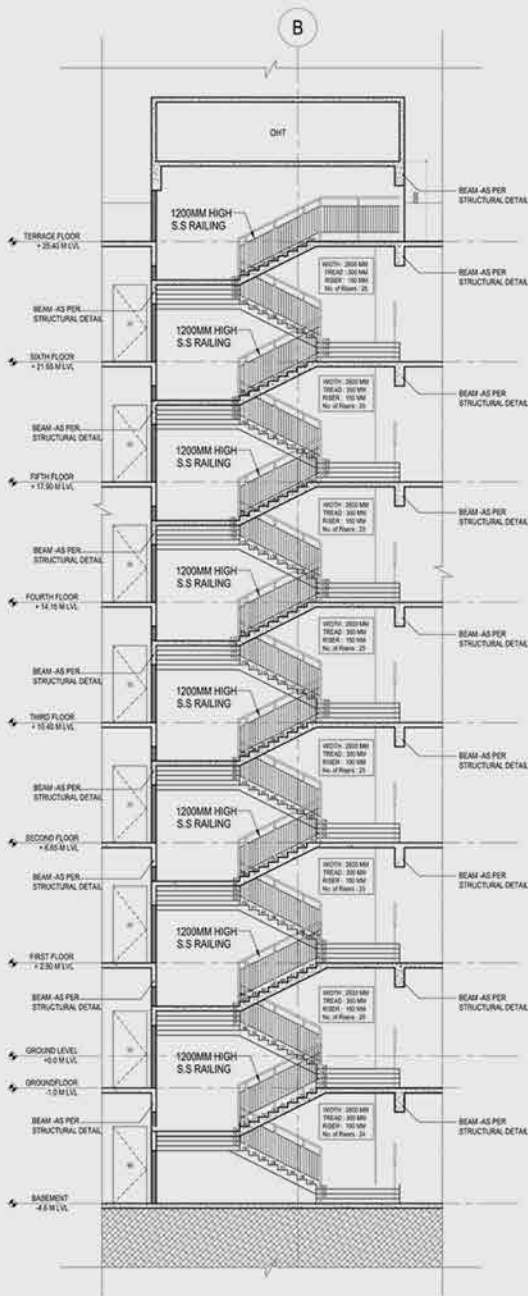


PHYSICAL MODEL- SCHOOL AT KOCHI

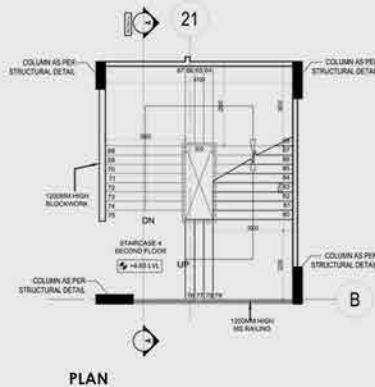


REVIT MODEL- HOSPITAL PROJECT AT KOCHI

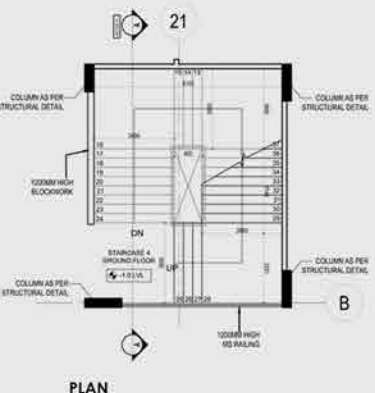




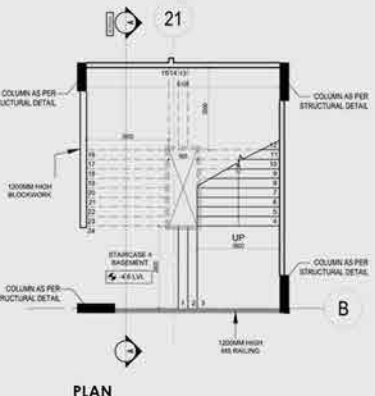
SECTION THROUGH THE STAIRCASE



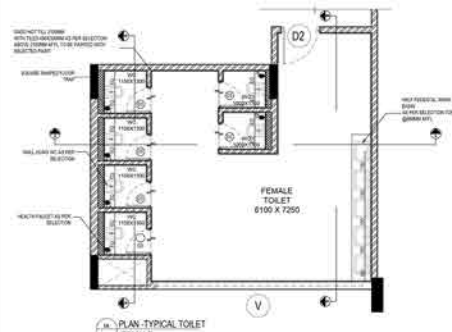
PLAN



PLAN

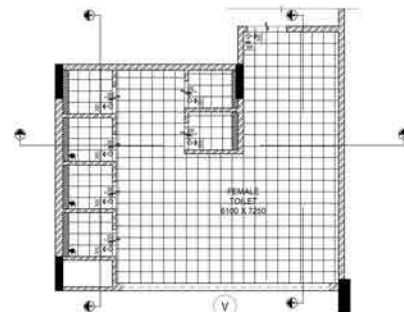


PLAN



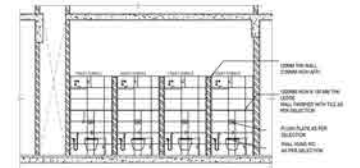
PLAN-TYPICAL TOILET FEMALE

PLAN



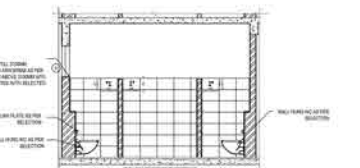
PLAN-TYPICAL TOILET FEMALE

FLOORING LAYOUT



SECTION 1-1

SECTION 2-2



SECTION 2-2

WORKING DRAWING-TOILET DETAIL



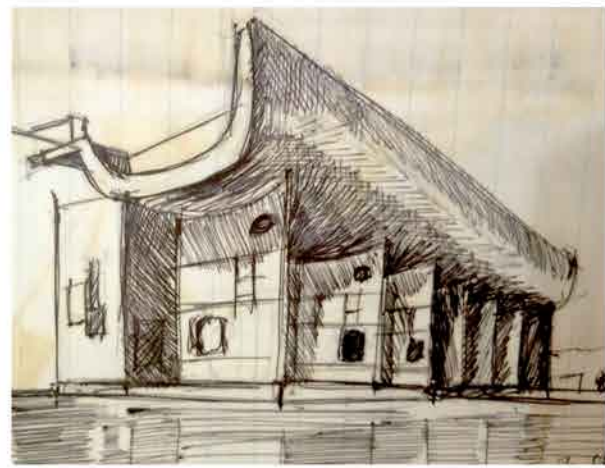
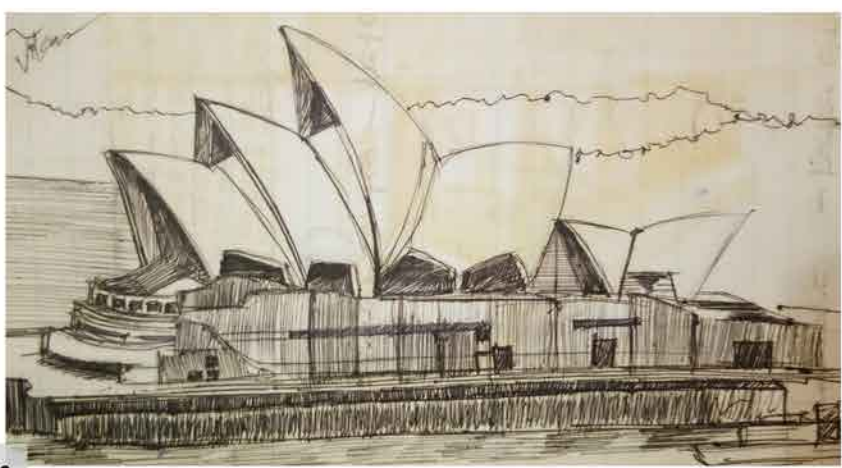
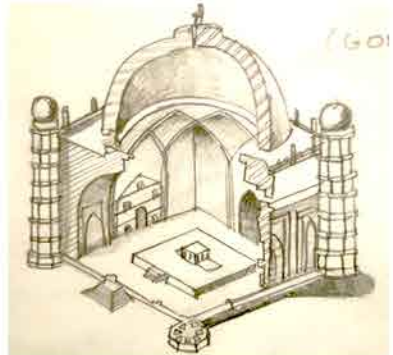
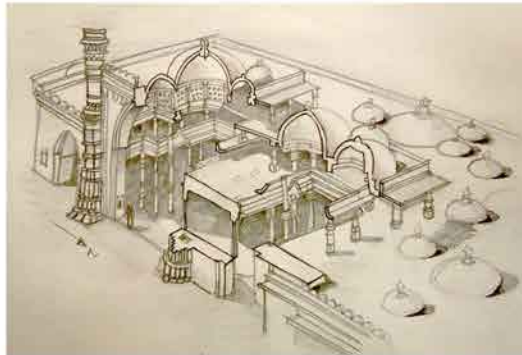
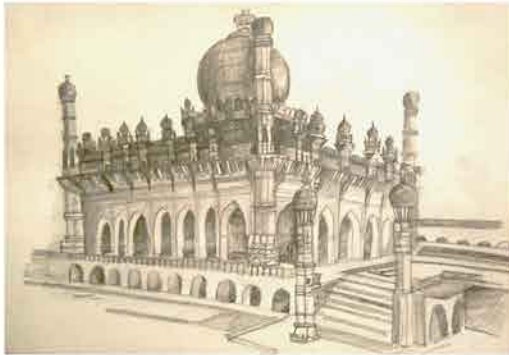
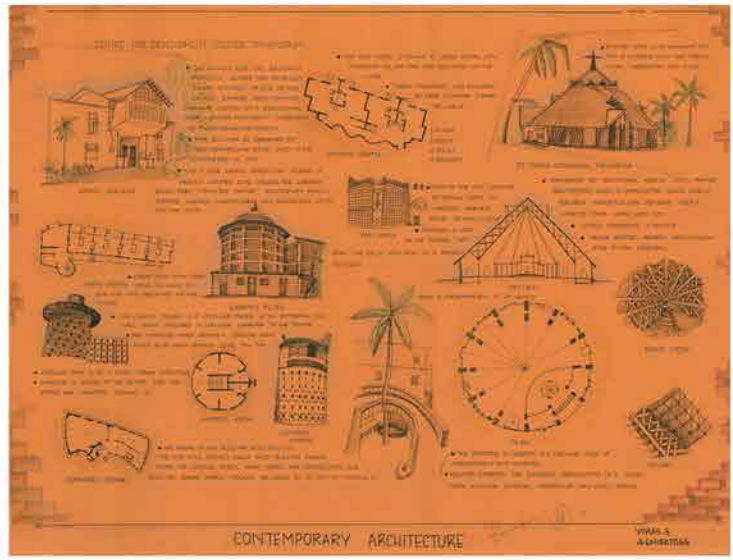
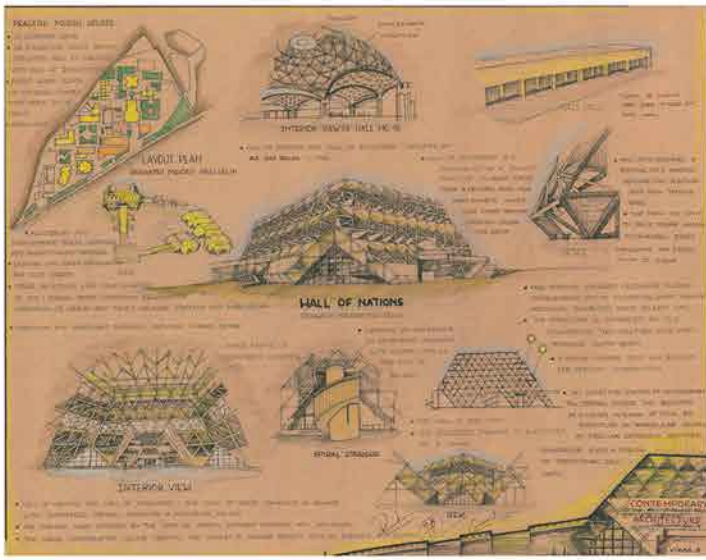
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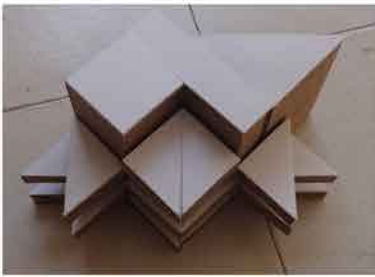
MISCELLANEOUS

Building Construction sheets, Sketches, Physical models etc

ARCHITECT
FISHERM
LOCATION







MODELS



INSTALLATION DONE FOR 'ARCHIHOLICS -2015' (TEAM LEADER)



INSTALLATION DONE FOR "ARCHIHOLICS 2017"

MODELS AND INSTALLATIONS

INSTALLATION AND SCULPTURES DONE FOR ZONAL NASA CONVENTION (TEAM MEMBER)

Thank you for your time and consideration



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