

architecture

# P O R T F O L I O



Shahzad mohammed

# CONTENTS

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**ABOUT**

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KERALA**

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**EDUCATION**

B.ARCH TKM SCHOOL OF ARCHITECTURE  
(2015- PRESENT)

SCHOOL HIMAYATHUL ISLAM HSS,KOZHIKODE  
AL HARAMAIN ENGLISH SCHOOL,  
KOZHIKODE

**SOFTWARES**

AUTOCAD

SKETCHUP

REVIT

LUMION

PHOTOSHOP

**LANGUAGES**

MALAYALAM (NATIVE)

ENGLISH

HINDI

**INTERESTS**

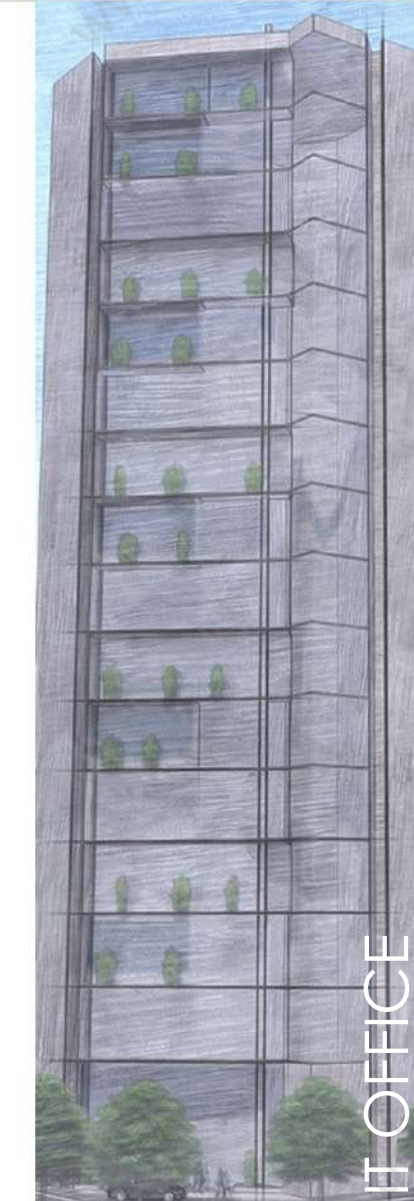
TRAVELLING                      MODEL MAKING

SKETCHING

TEAM SPORTS

**ACADEMIC PROJECTS**

- SEMESTER 8 URBAN DESIGN OF FORT KOCHI AND MATTANCHERRY DISSERTATION AN EXPLORATION OF COURTYARDS IN THE WORKS OF GEOFFREY BAWA
- SEMESTER 7 FILM INSTITUTION
- SEMESTER 6 IT OFFICE BUILDING DOCUMENTATION OF ST.MARYS ORTHODOX SYRIAN CHURCH, THIRIPUNITHURA
- SEMESTER 5 COLLEGE OF ARCHITECTURE WORKING DRAWING OF 4 STAR HOTEL
- SEMESTER 4 4 STAR HOTEL SANCTION DRAWING OF RESIDENCE
- SEMESTER 3 RESIDENCE FOR ARCHITECT MEDITATION CENTRE
- SEMESTER 1 & 2 GUEST HOUSE AND BASIC DESIGN



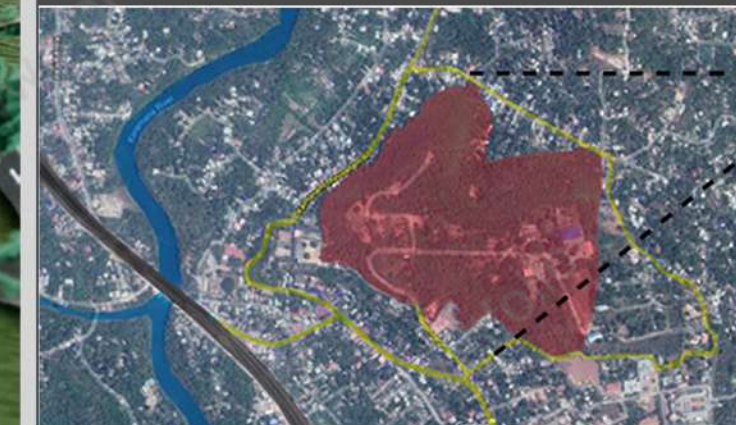


PHYSICAL MODEL



SITE

LOCATION- CHITRANJALI STUDIOS, THIRUVALLAM, TRIVANDRUM



SITE ANALYSIS



- PROPOSED PUBLIC TRANSPORTATION
- EXISTING PUBLIC TRANSPORTATION
- RESIDENTIAL ZONES
- HIGH POINT ON SITE
- FLAT LANDS
- THICKLY VEGETATED AREAS

## FILM INSTITUTE

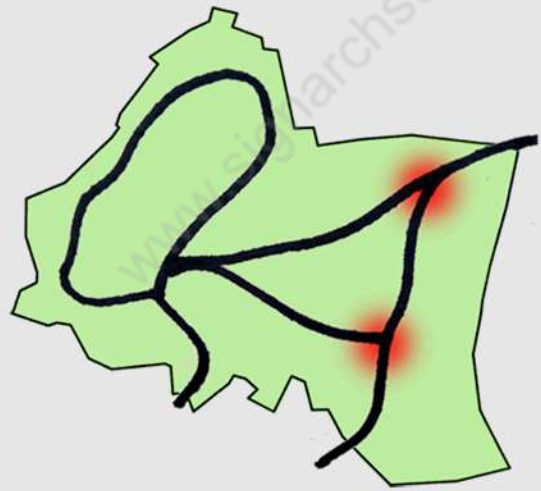
### OBJECTIVE

TO PROPOSE A MASTER PLAN FOR ARTS, MUSIC, FILM, AND DRAMA INSTITUTES AND FACILITIES LIKE RESIDENCE AND COMMERCIAL SPACES IN THE GIVEN SITE.

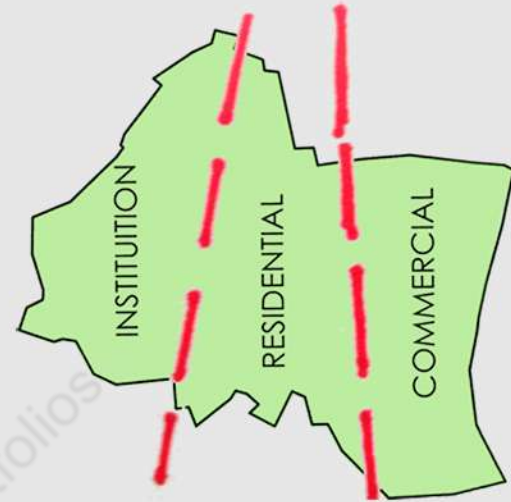
### VISION

BRIDGING CULTURE, MEETING MINDS TO CREATE A DIFFERENT LEARNING APPROACH, PUPIL SHOULD LEARN FROM THE SOCIETY MORE THAN THE INSTITUTION.

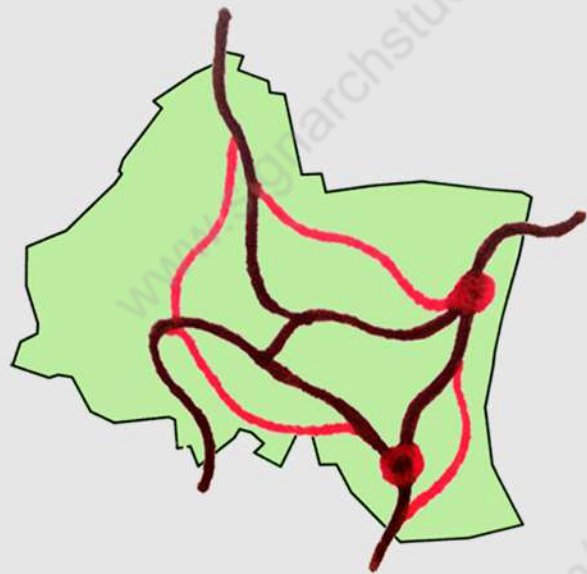
## DESIGN STRATEGIES



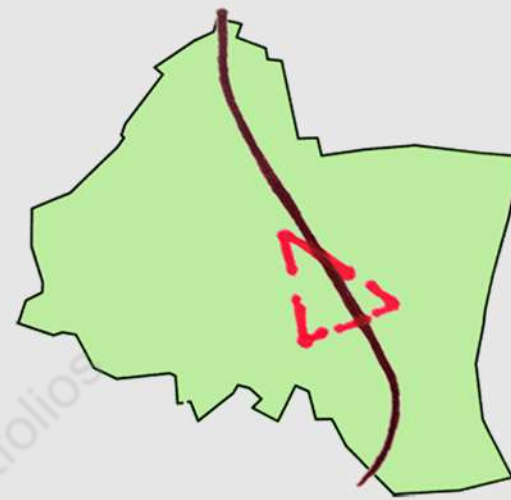
MAIN ROAD - DRIVE AROUND THE SITE TO GET FULL VIEW OF SITE. NODES AS PUBLIC AREAS.



THE SITE DIVIDED INTO THREE ZONES WITH INTERCONNECTION.

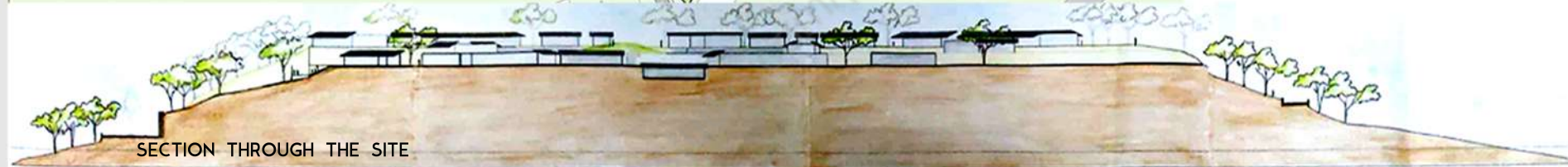
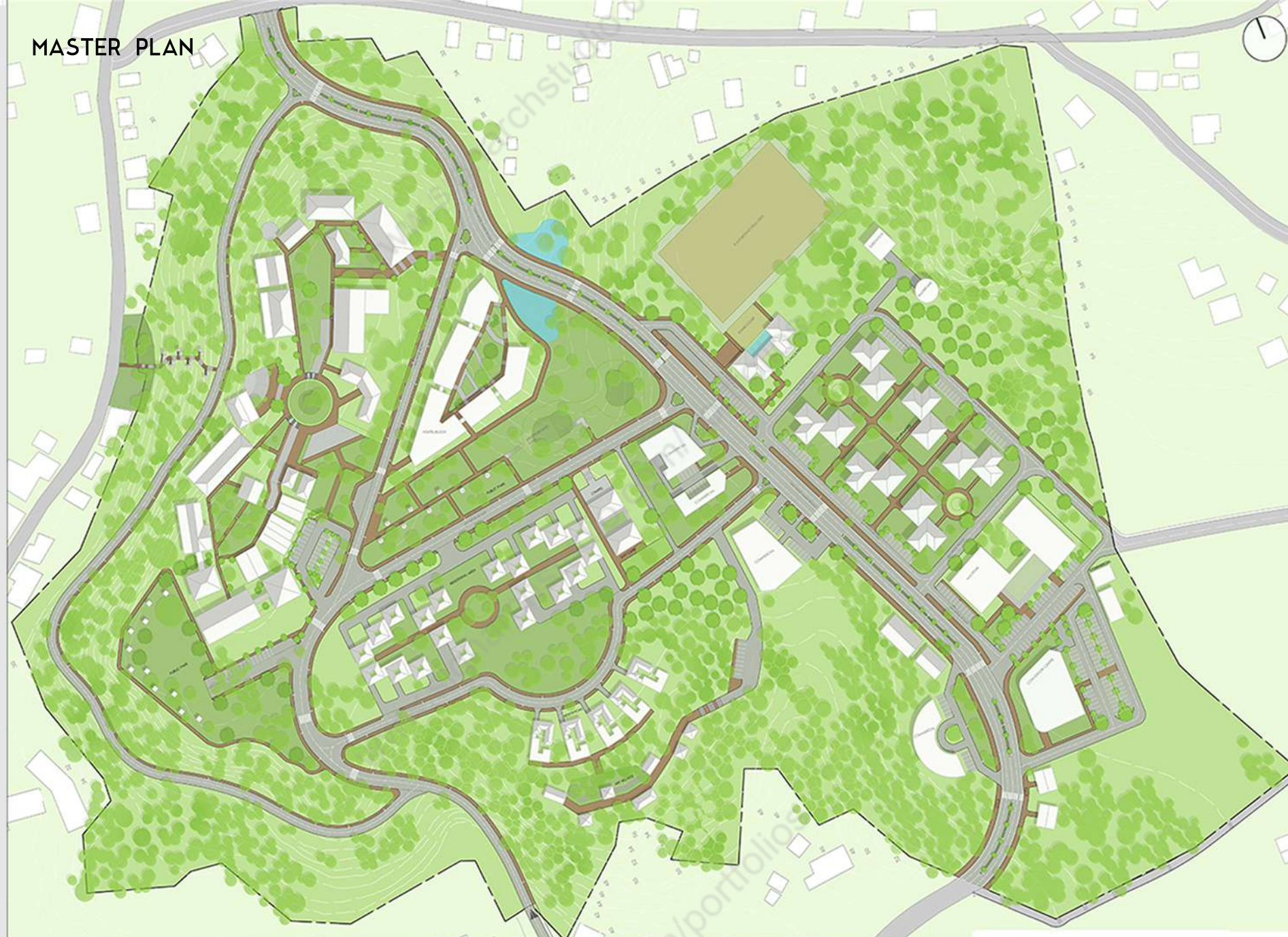


PUBLIC ROADS THROUGH THE SITES IN WHICH THE MAIN NODES ARE PROVIDED WITH COMMERCIAL AREAS.



THE 3 ZONES CONNECTED WITH A PUBLIC OPEN SPACE.

## MASTER PLAN



SECTION THROUGH THE SITE

## DESIGN EXPLANATION



CIRCULATION AND MOVEMENT MAP

- PRIMARY ROADS (MAIN ROAD)
- SECONDARY ROADS
- TERTIARY ROADS (SERVICES/PRIVATE)
- MAIN PEDESTRIAN/MAIN PATH
- SECONDARY PEDESTRIANS (INNER)
- PARKINGS



BUILT HEIGHT MAP

- UPTO 4 METRES HEIGHT
- UPTO 8 M
- 8 - 12 METRES



BUILT USE MAP

- OPEN SPACES
- PUBLIC PARKS
- SPORTS FACILITIES
- PROPOSED RESIDENTIAL BUILD-
- PROPOSED COMMERCIAL
- PROPOSED PUBLIC/INSTITUTIONAL
- PROPOSED RELIGIOUS/MIXED
- SERVICES
- PROPOSED WATERBODIES



SERVICES AND INFRASTRUCTURE

- SERVICE ROAD
- DRAINAGE LINES
- SEWAGE LINES
- STP
- SUBSTATION
- WATERTANK
- WATER SUPPLY LINES
- BUS STOP
- ATM
- AUTOSTAND



SECTION THROUGH RESIDENTIAL AREA



SECTION THROUGH INSTITUTION AREA



## SCHOOL OF ARCHITECTURE

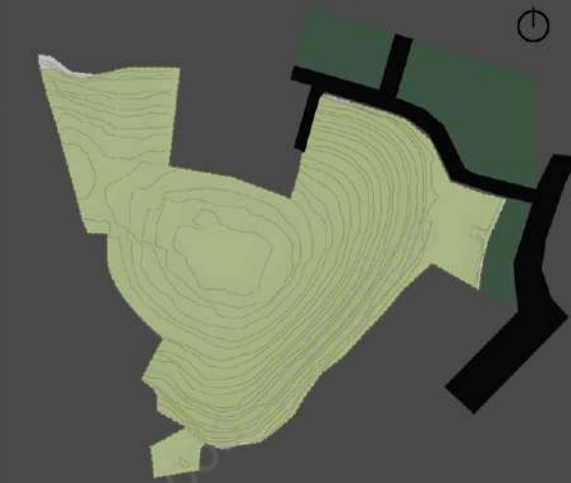
### OBJECTIVE

TO DESIGN A SCHOOL OF ARCHITECTURE FOR 5 BATCHES WITH 40 STUDENTS EACH CONSIDERING ALL THE MINIMUM REQUIREMENTS.



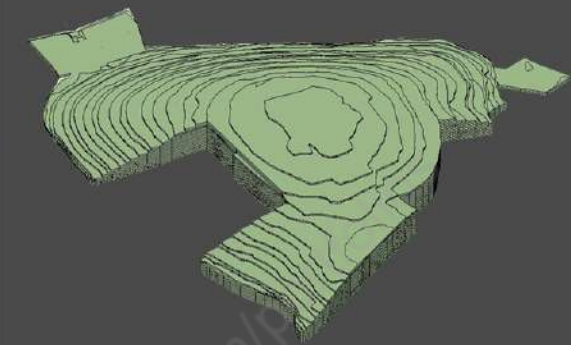
### SITE

THE SITE IS LOCATED IN ADOOR, KOLLAM.



SITE PLAN

A SLOPING/HILLY SITE ADJACENT TO HIGHWAY AND WITH CONNECTIONS FROM IT.

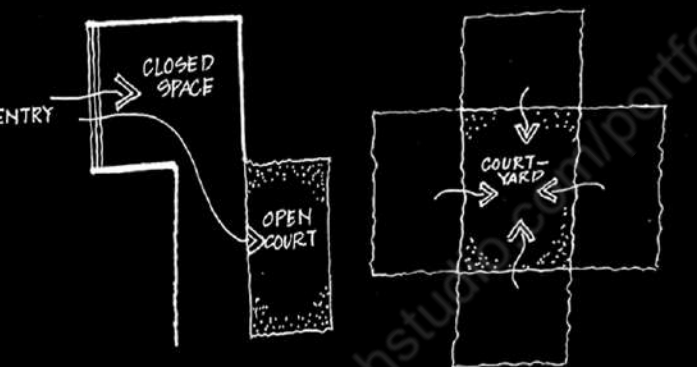


3D VIEW OF SITE

**CONCEPT**



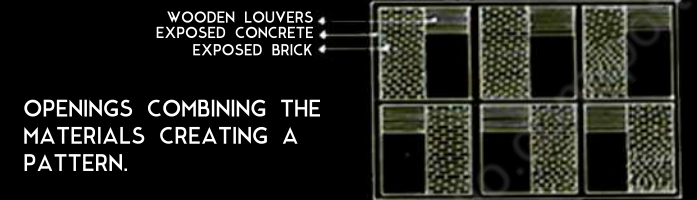
DRIVE AROUND THE SITE SITE TO GET FULL VIEW  
 NOTCH PARTS OF SITE FOR BUILDING PLATFORM.



MAIN ENTRANCE-TRANSITION FROM CLOSED SPACE TO LARGE OPEN COURT AS A SURPRISE ELEMENT.  
 EACH BLOCK HAVING VIEW TOWARDS THE CENTRAL COURTYARD.

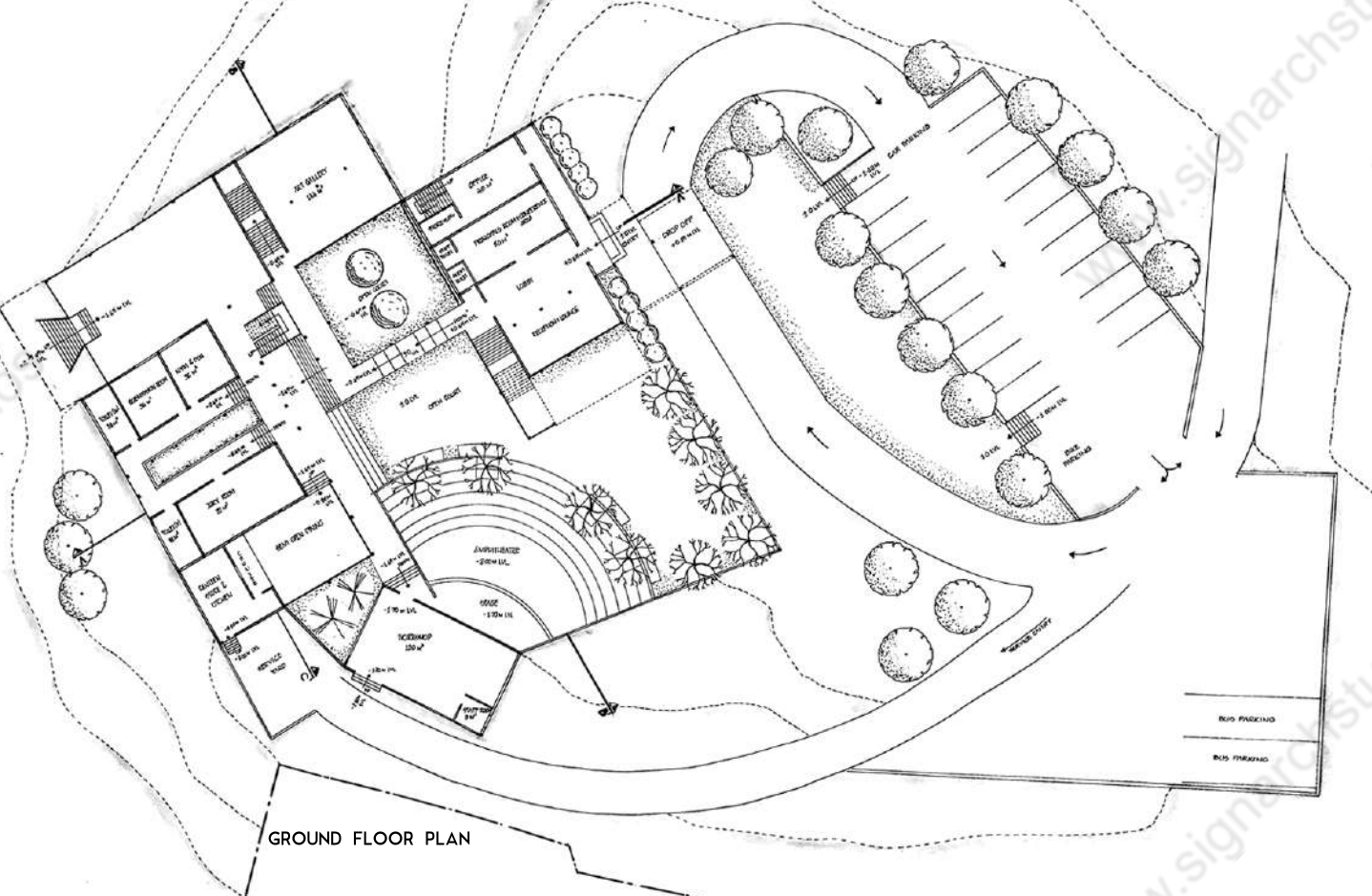


PARKING IN THE LOWER LEVEL TO DECREASE VISUAL CONNECTIVITY. TREES ALSO ACT AS BUFFER TOWARDS PARKING.

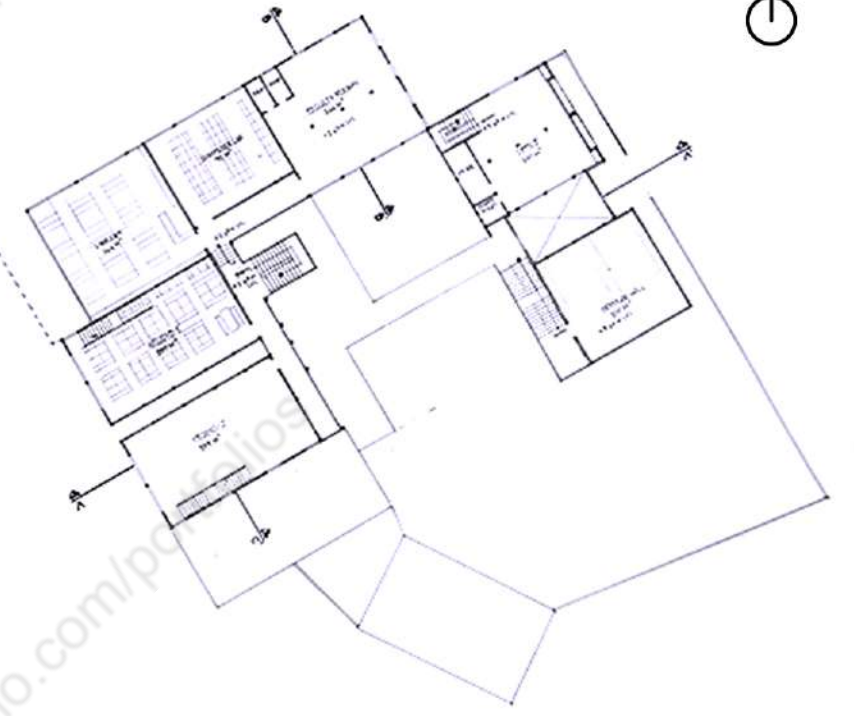


OPENINGS COMBINING THE MATERIALS CREATING A PATTERN.

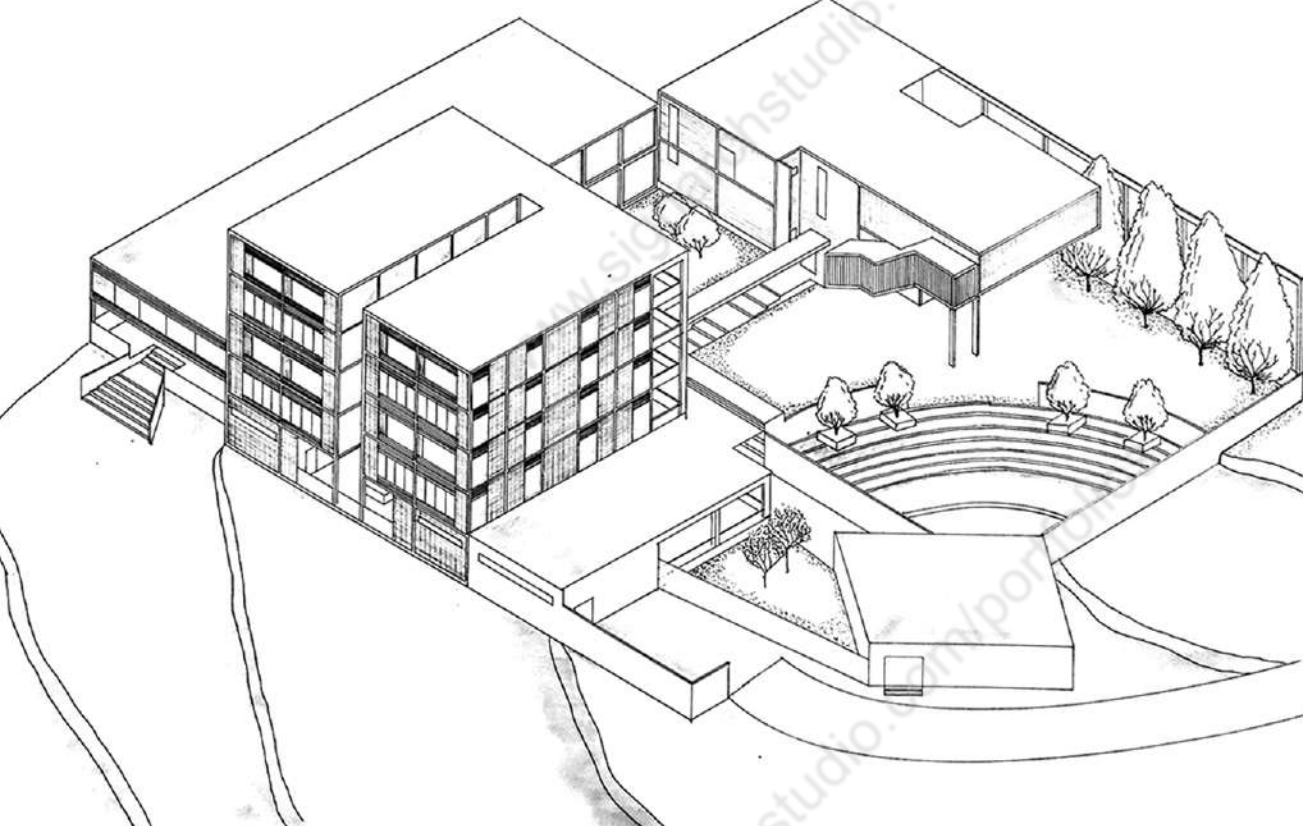
**FLOOR PLANS AND SECTIONS**



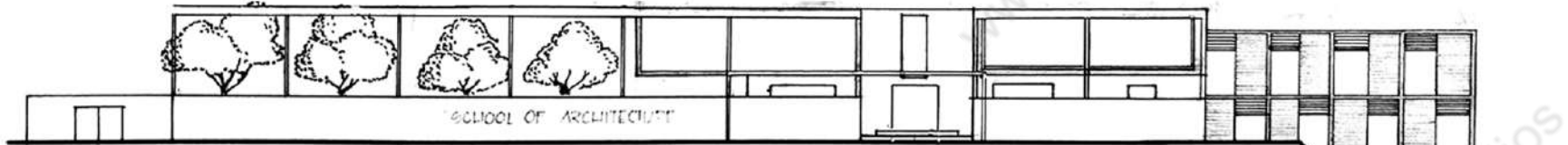
GROUND FLOOR PLAN



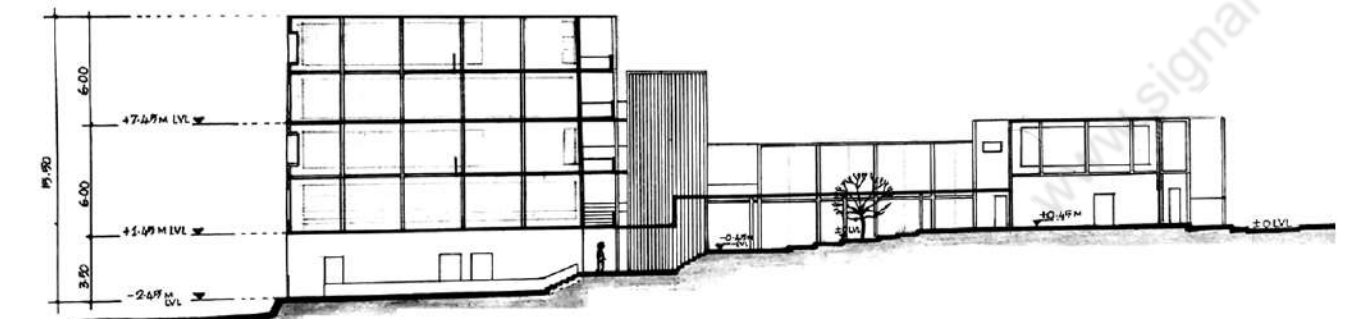
FIRST FLOOR PLAN



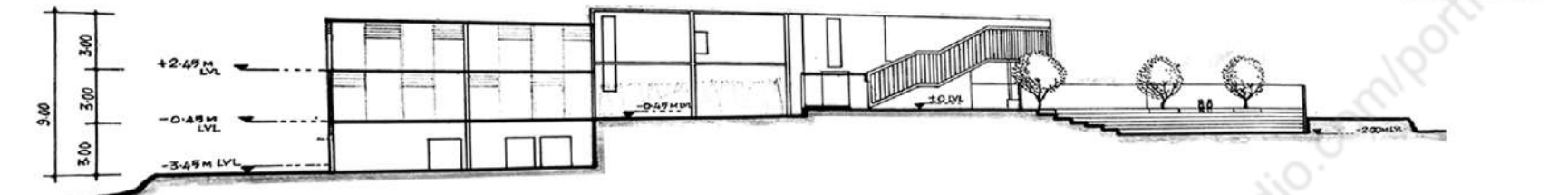
ISOMETRIC VIEW OF COLLEGE



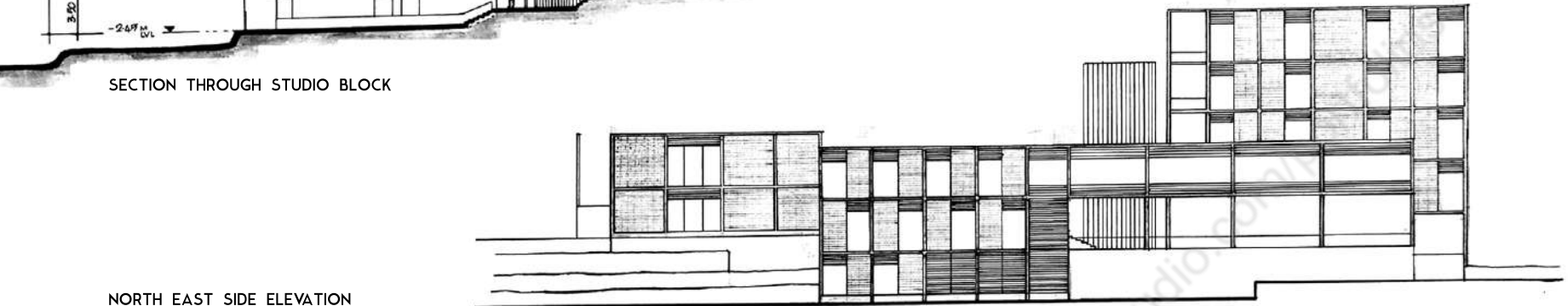
FRONT ELEVATION



SECTION THROUGH STUDIO BLOCK



SECTION THROUGH ART GALLERY BLOCK



NORTH EAST SIDE ELEVATION



## RESIDENCE

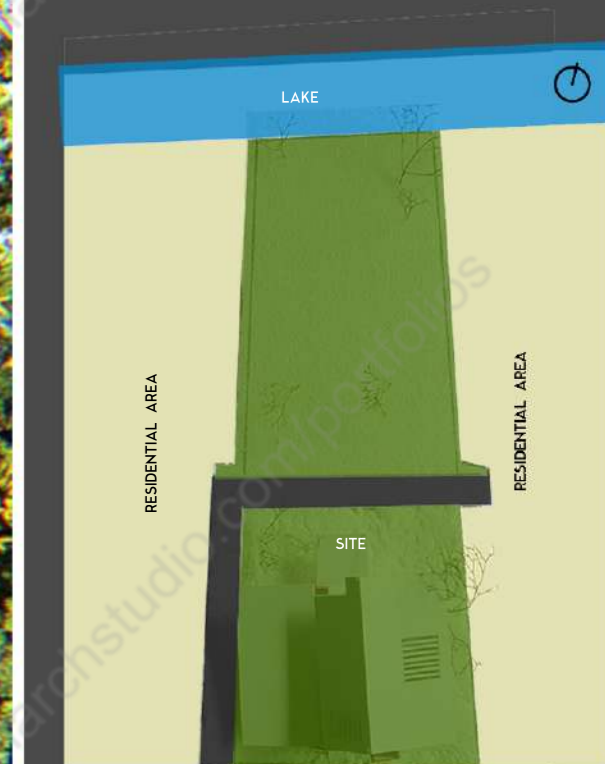
### OBJECTIVE

TO DESIGN A RESIDENCE FOR AN ARCHITECT AND HIS FAMILY IN THE GIVEN SITE.



## SITE

THE SITE IS LOCATED IN THE BANK OF ASHTA-MUDI LAKE IN KOLLAM DISTRICT OF KERALA

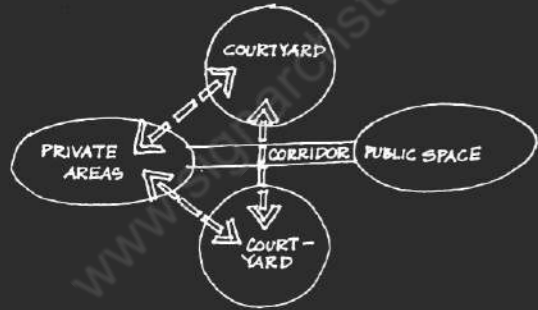


SITE PLAN

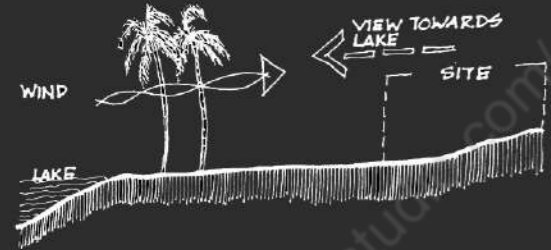


SECTION OF THE SITE

## CONCEPT

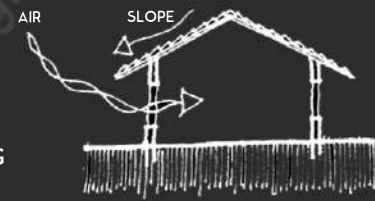


SEPERATION OF PUBLIC (GUEST SPACES AND PRIVATE SPACES BY A CORRIDOR BETWEEN TWO COURTYARDS.



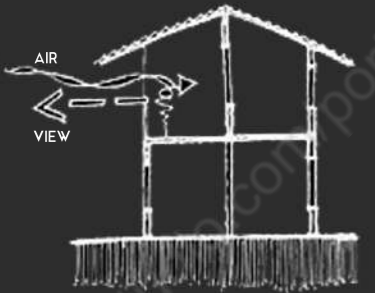
CONSIDERING THE EXISTING SITE CONDITION.

OPENINGS PROVIDED IN THE NORTH FOR MAXIMUM LIGHT AND VENTILATION.

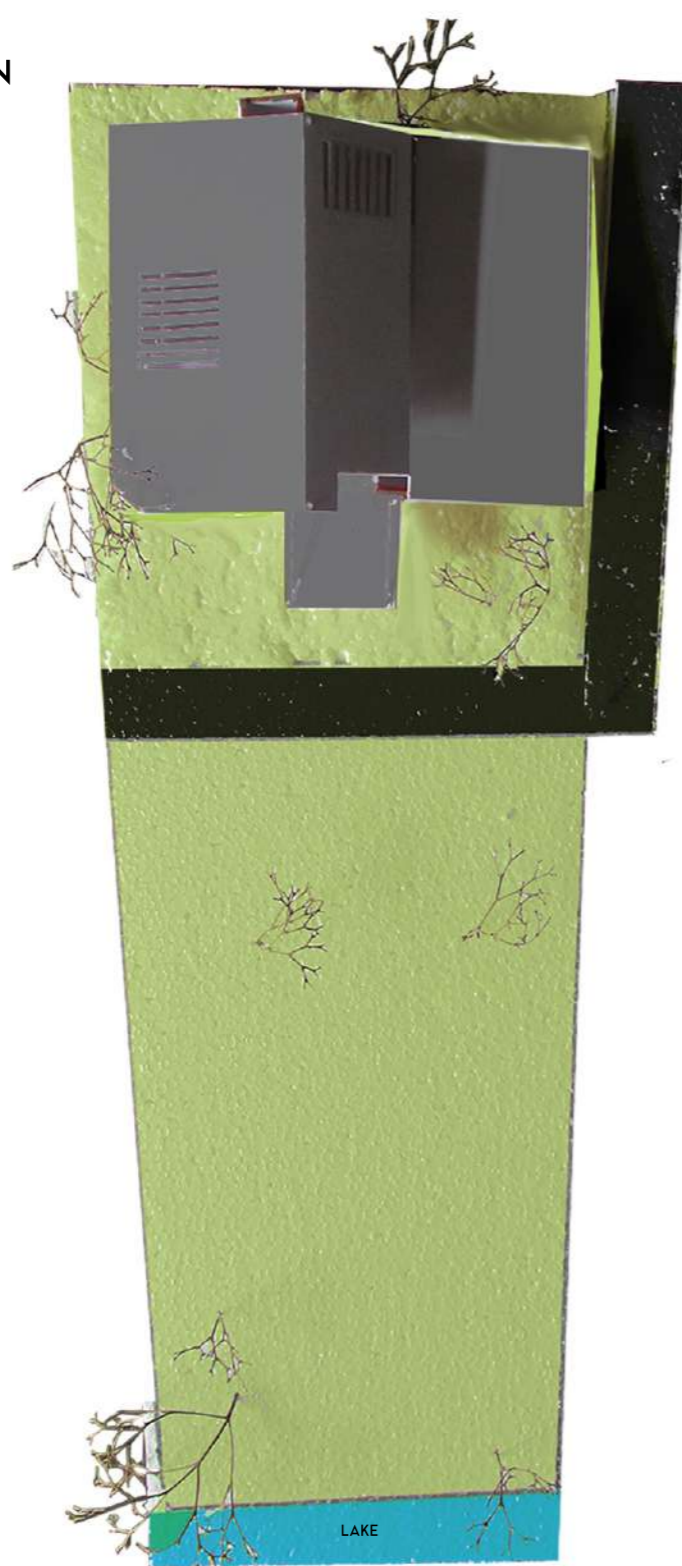


TRADITIONAL SLOPING ROOFS.

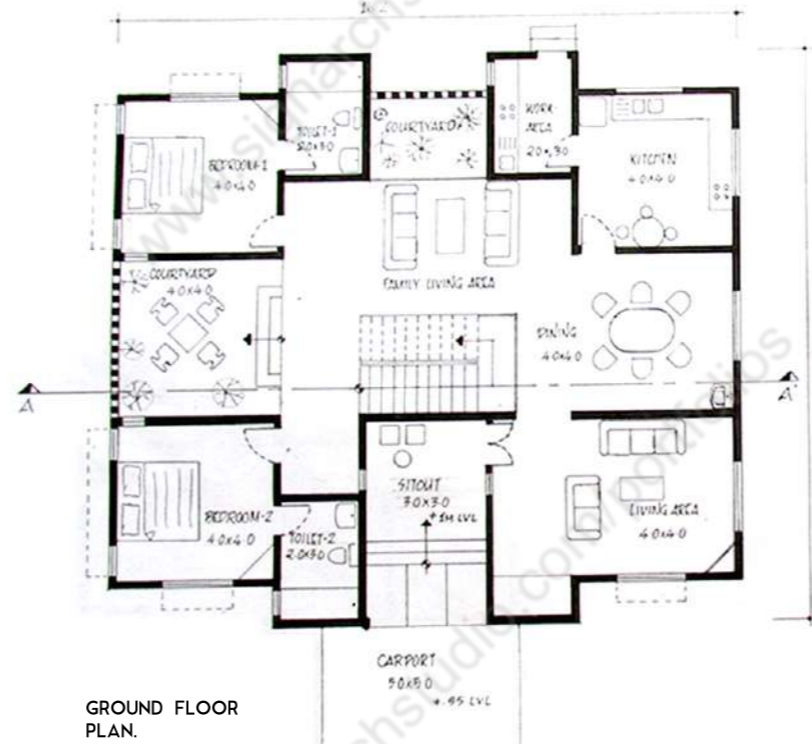
INCREASE HEIGHT OF BUILDING FOR VIEW TOWARDS THE LAKE AND BALCONIES PROVIDED.



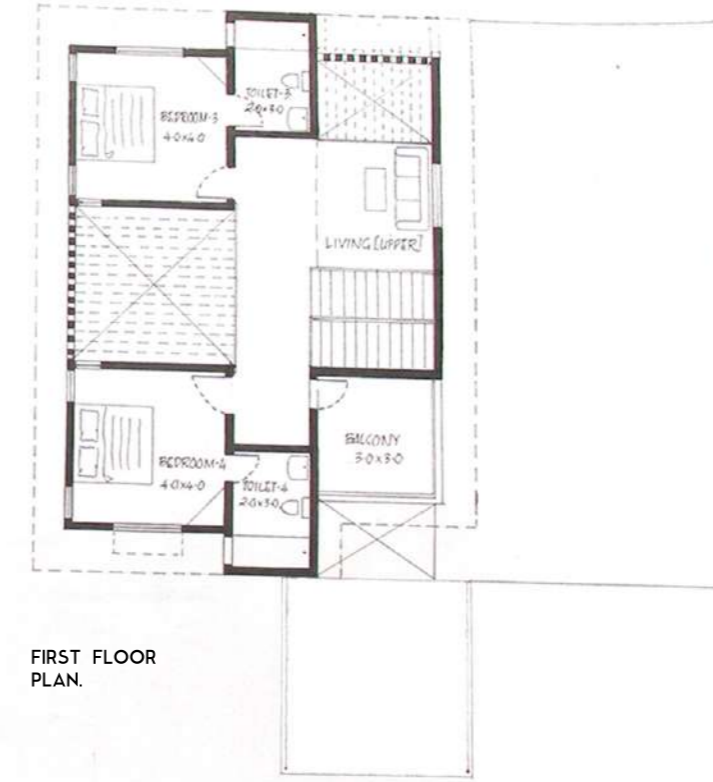
## SITE PLAN



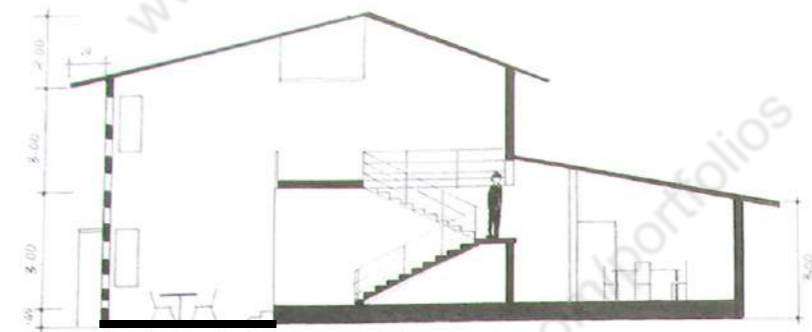
## FLOOR PLANS AND SECTIONS



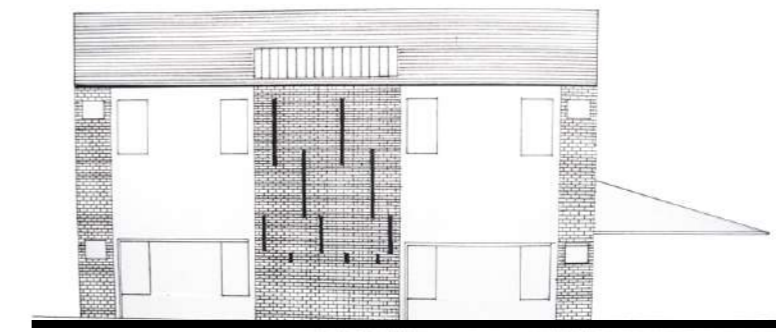
GROUND FLOOR PLAN.



FIRST FLOOR PLAN.



SECTION AA.



EAST SIDE ELEVATION.



BRICK JALI WALLS.



VIEW FROM THE COURTYARD TO THE INTERIOR.



VIEW OF THE COURTYARD FROM THE INTERIOR.





## IT OFFICE BUILDING

### OBJECTIVE

TO DESIGN AN OFFICE BUILDING WHICH ACCOMMODATES FIVE OFFICE SPACES AND FOUR STARTUP OFFICE SPACES AND FACILITIES FOR THEM.



### SITE

THE SITE IS LOCATED IN KUNDARA IT PARK, KOLLAM.

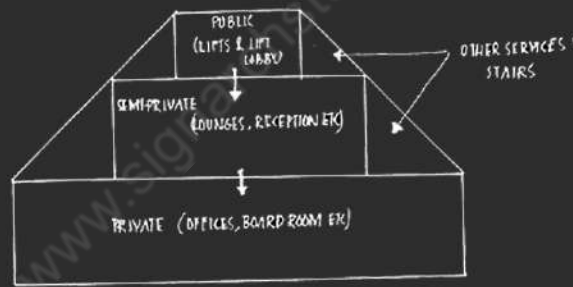


SITE PLAN

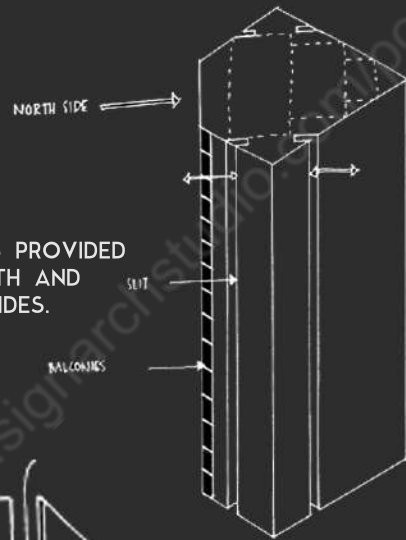
SITE IS A SQUARE PLOT OF 45M EACH SIDE, IN THE DEVELOPING IT PARK WHICH CURRENTLY HAS A SINGLE BUILDING.

A WATER BODY IS PRESENT IN THE NORTH SIDE OF THE SITE.

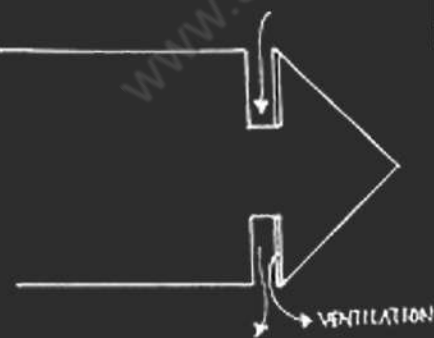
# CONCEPT



SERVICE AREAS AND STAIRS AT SOUTH AND WESTERN SIDES TO REDUCE SOLAR HEAT GAIN. OFFICES COMPLETELY OPEN TO NORTH TO GAIN MAXIMUM LIGHT. LANDSCAPED BALCONIES CREATES A BIOPHILIC ENVIRONMENT.

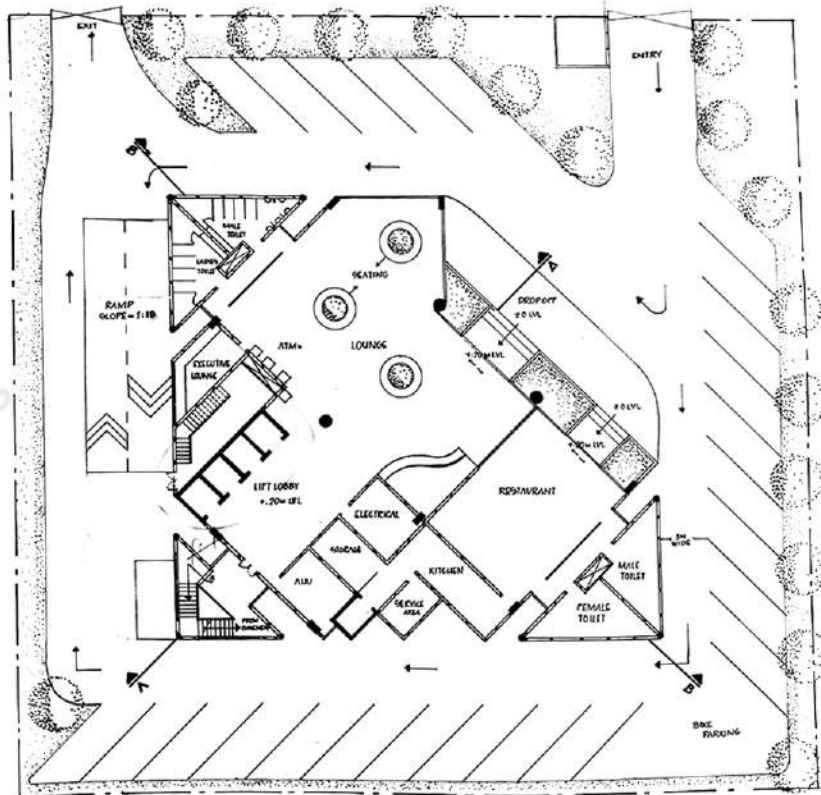


GLAZING FEATURES PROVIDED MORE IN THE NORTH AND LESS ON OTHER SIDES.

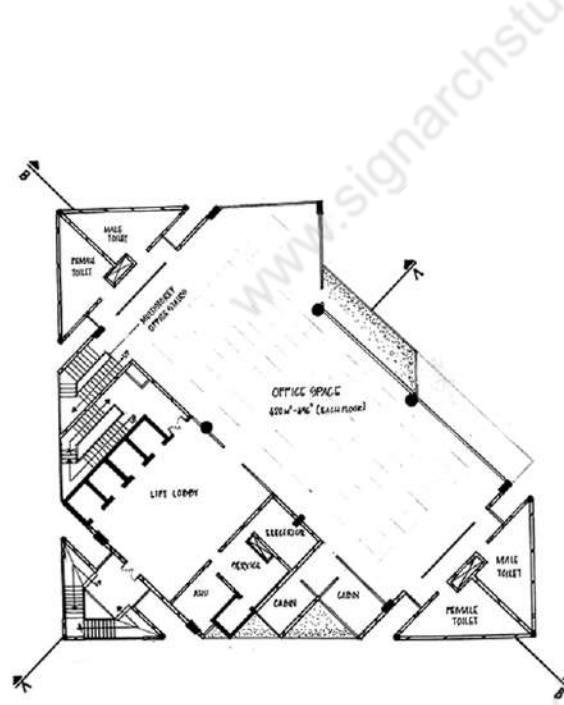


A SLIT BETWEEN SPACES FOR VENTILATION AND ALSO HIDES THE TOILET VENTILATION FROM THE EXTERIOR OF BUILDING.

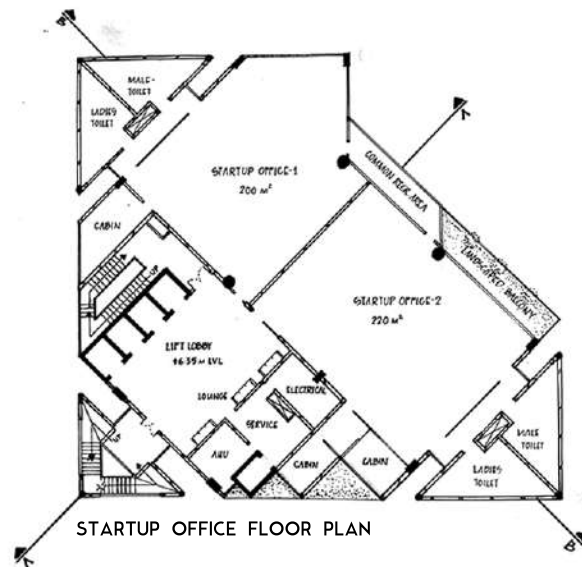
# FLOOR PLANS AND SECTIONS



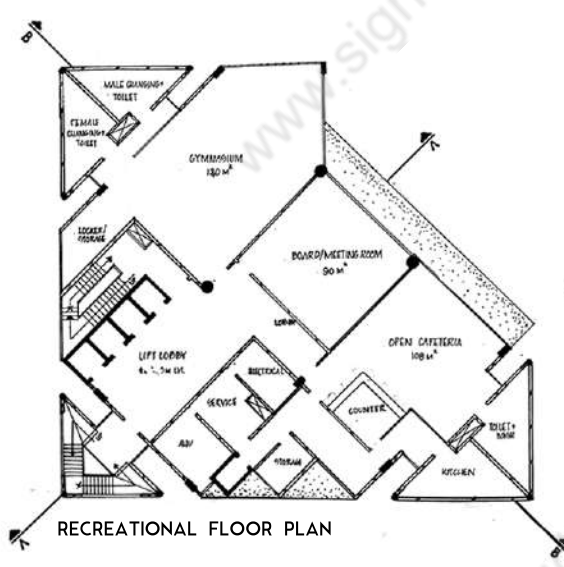
GROUND FLOOR PLAN



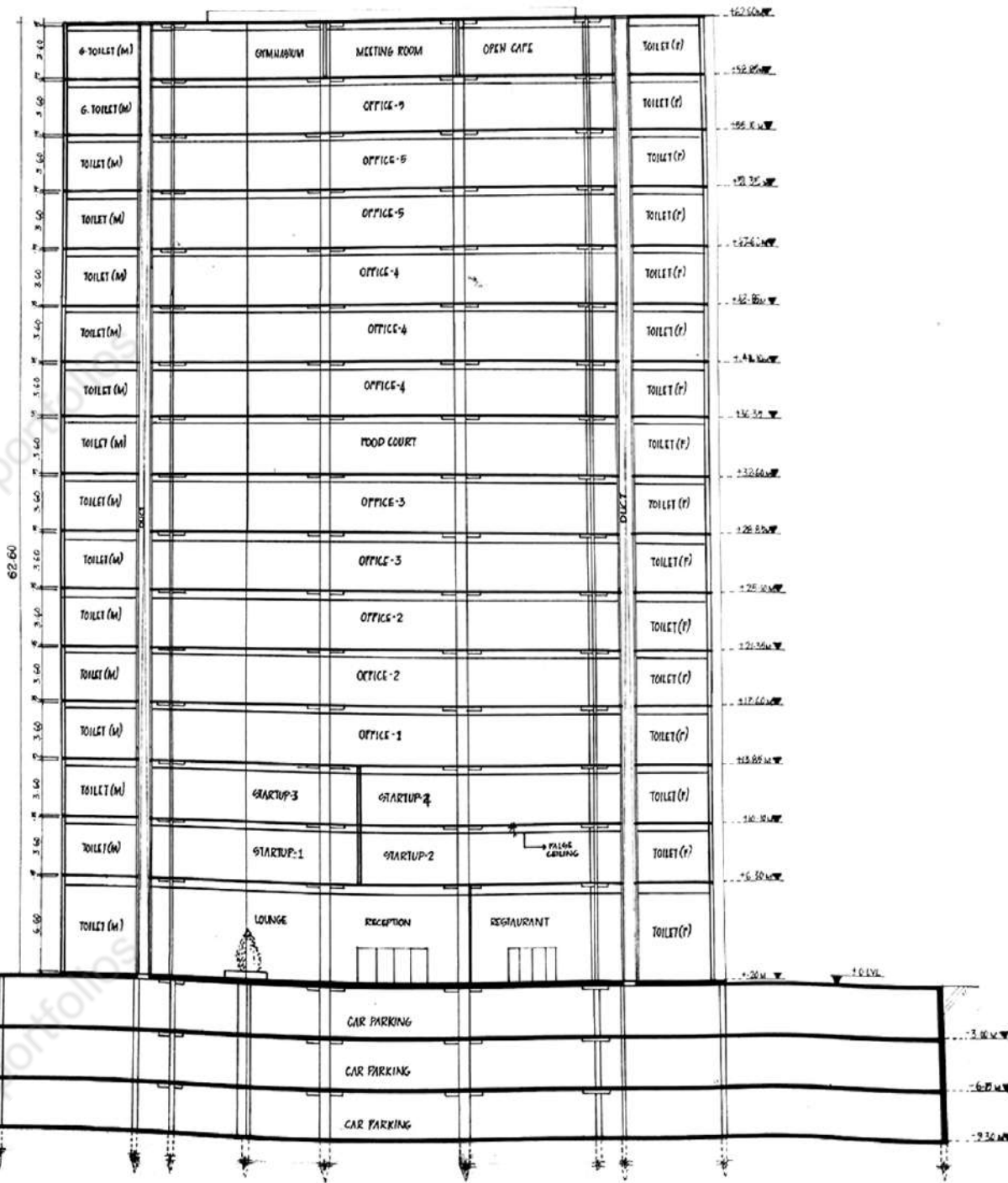
OFFICE FLOOR PLAN



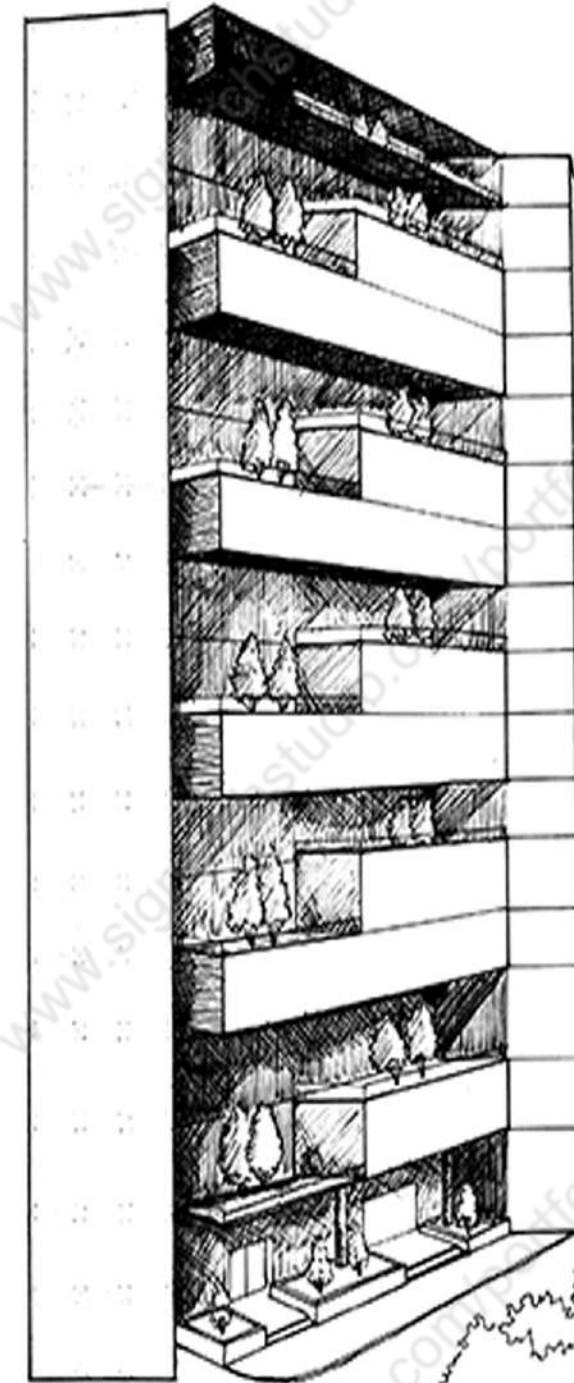
STARTUP OFFICE FLOOR PLAN



RECREATIONAL FLOOR PLAN



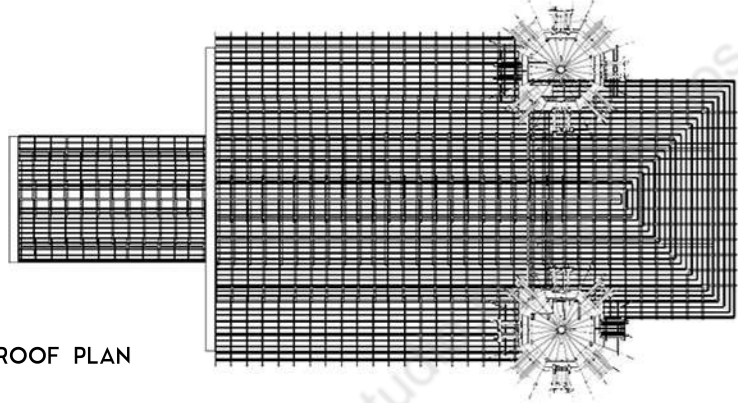
SECTION BB



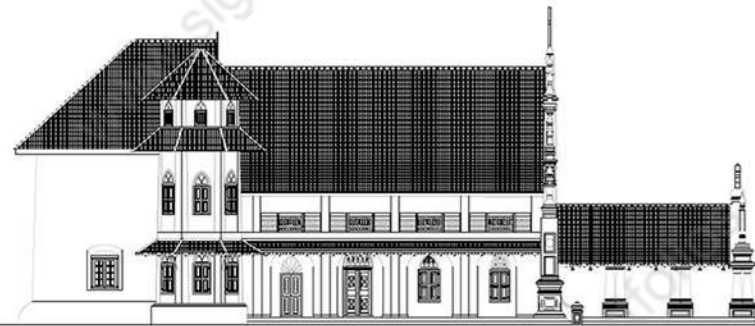
PERSPECTIVE VIEW

# DOCUMENTATION

A DOCUMENTATION OF ST.MARYS JACOBITE SYRIAN ORTHODOX, TRIPUNITHURA, ERNAKULAM AS A GROUP PROJECT



ROOF PLAN



NORTH ELEVATION



HAND RENDERED CHURCH VIEW

# MODEL MAKING



ZUBI ZURI BRIDGE BY SANTIAGO CALATRAVA

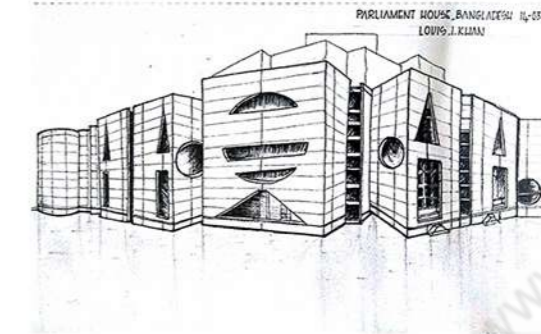


ISSANA BEACH HOUSE BY CHINTHAKA VICKRAMAGE AS A PART OF TROPICAL MODERNISM CASE STUDY

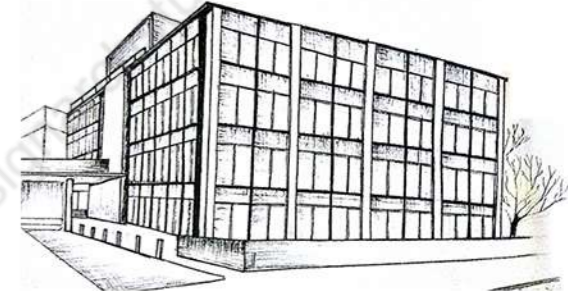


BRITISH HIGH COMMISSION BY RICHARD MURPHY

# SKETCHING



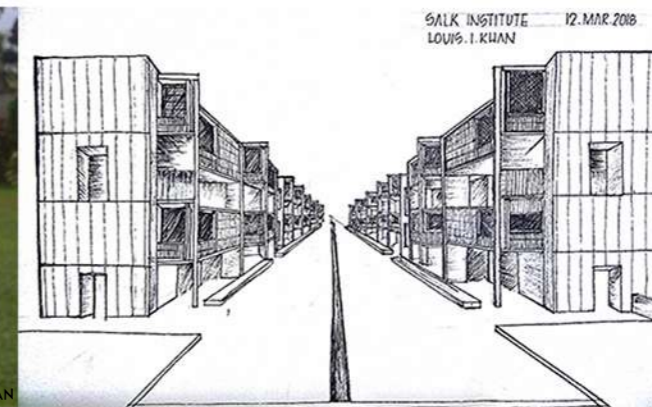
PARLIAMENT HOUSE, BANGLADESH 11-05-18 LOUIS. J. KALIN



TALL UNIVERSITY 14-05-18 LOUIS. J. KALIN



SOS CHILDRENS VILLAGE BY C. ANJALEDRAN



SALK INSTITUTE 12. MAR. 2018 LOUIS. J. KALIN



NORMAN FISHER HOUSE 18-05-18 LOUIS. J. KALIN