

ASTHA GUPTA  
SELECTED WORKS[2020-2023]



### HELLO!

I'm a 4th-year architecture student at the School of Environmental Design and Architecture, Navrachana University, and my enthusiasm for architecture is boundless.

I'm drawn to the art of designing spaces, seeking a balance between beauty and function. I find inspiration in iconic landmarks, and in hands on work.

Sustainability, urban planning, and emerging technologies fascinate me, and I'm determined to make a meaningful impact as I journey towards becoming an architect.

The world of design and construction has always held a special place in my heart, and it's a passion that continues to drive my educational journey. Architecture, to me, is more than just a field of study; it's a lifelong fascination that fuels my creativity and ambition.



### EDUCATION

NAVRAACHANA UNIVERSITY, VADODARA, INDIA ( 2020 - PRESENT )

CENTRAL ACADEMY, JABALPUR, INDIA ( 2018 - 2020 )

LITTLE WORLD SCHOOL, JABALPUR, INDIA ( 2017 - 2018 )

### WORKSHOPS AND CERTIFIED COURSES

- SET DESIGNING AND PRODUCTION CERTIFIED COURSE, Kaarwan (On going).
- DOCUMENTATION of DHANKAR VILLAGE, Spiti Valley, HIMACHAL PRADESH. ARCUS STUDIO, AHMEDABAD. (2022)
- PARAMATRIC DESIGN WORKSHOP, MSU(2022).
- Part of a SHORT FILM as a Lead Charater, JUST ANOTHER PHASE(2022)
- Participated in multiple BHARATNATYAM DANCE COMPETITIONS, Trained Bharatnatyam Dancer.
- Represented DURG IN STATE OPENS BADMINTON (2013)
- BARISTA CRASH COURSE

### NAME

ASTHA GUPTA

### COURSE

4TH YEAR, B. ARCH.

### DOB

02/12/2001

### ADDRESS

201, ASHA ENCLAVE , BHAYLI , VASNA  
VADODARA, GUJARAT . PIN - 391410

### PHONE

+91- 7310797377

### E-MAIL

astha2162@gmail.com

### LANGUAGES

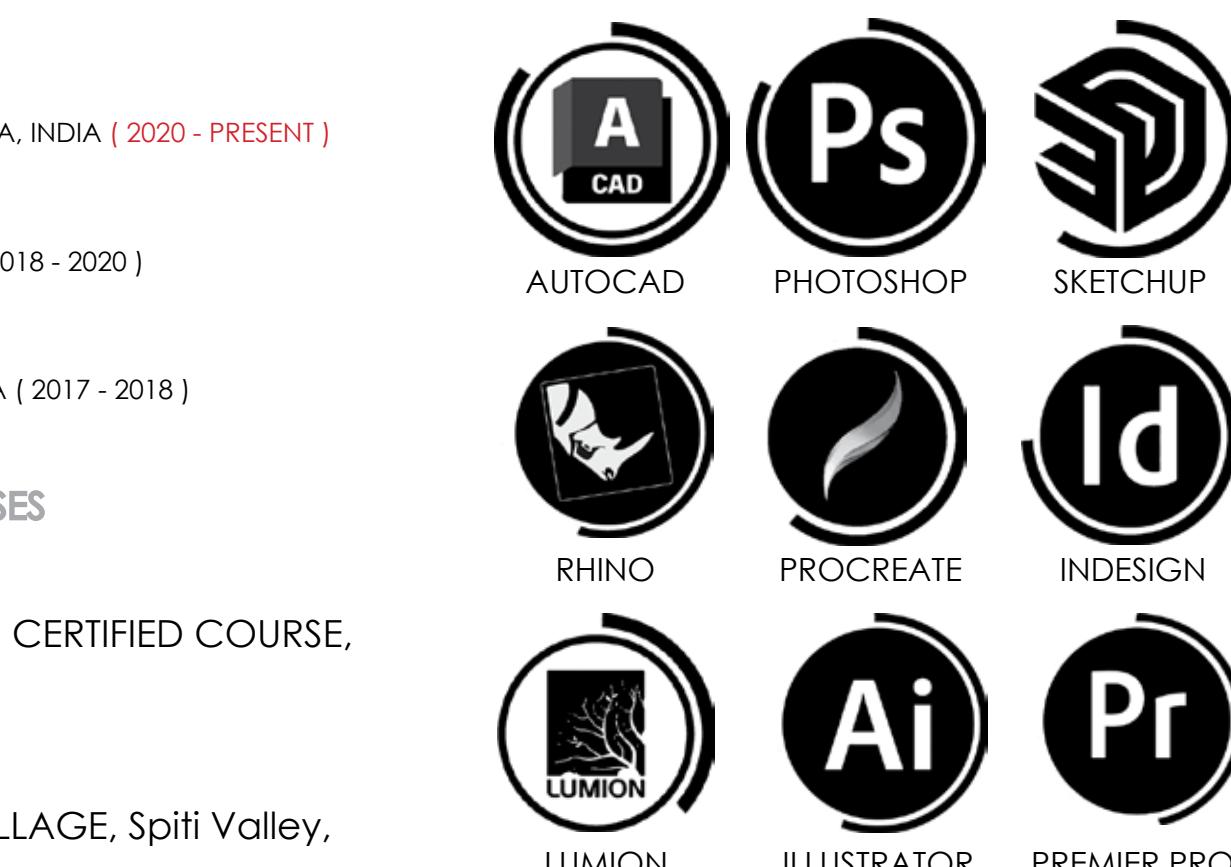
- ENGLISH

- HINDI

### SOCIAL



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### STRENGTHS

- MODEL MAKING
- SKETCHING
- 3D RENDERING AND MODELLING
- CONCEPT DEVELOPMENT
- ANALYSIS
- MEETING DEADLINES
- LOGICAL REASONING
- WOOD AND METAL WORKS

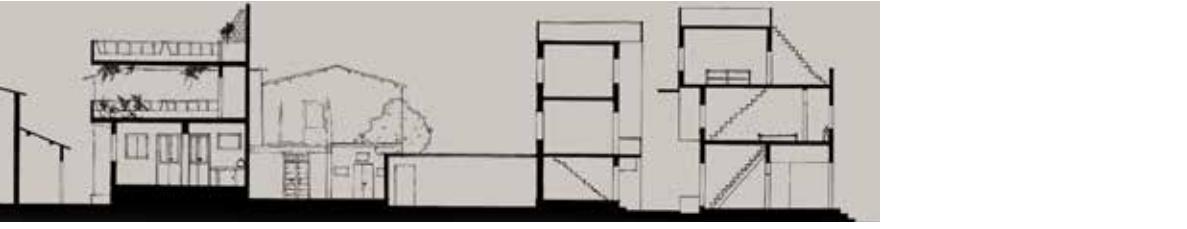
# CONTENT



## INSTITUTION FOR THEATRE



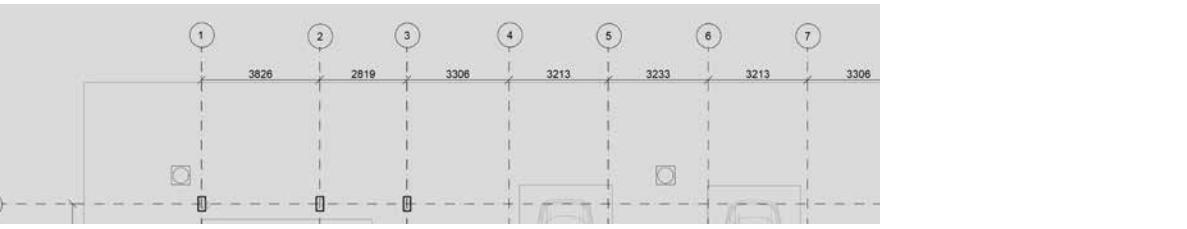
## BIOMIMICRY



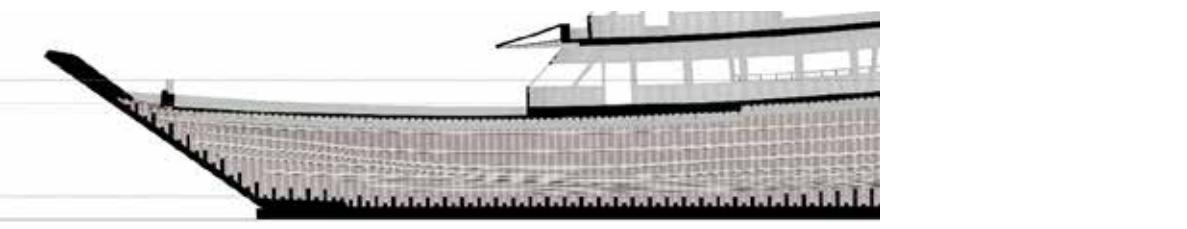
## MODULAR HOUSING



## FICTION OF LANDSCAPE



## WORKING DRAWING



## RELATED STUDY PROGRAMS



## MISCELLANEOUS

## INSTITUTION FOR THEATRE

LOCATION : ARADHANA TALKIES, VADODARA, GUJARAT

THIS STUDIO WAS BASED ON INSTITUTIONAL DESIGN, IN WHICH OUR PRIMARY CONCERN WAS TO DESIGN THEATRE INCLUDING ADDITIONAL SPACES TO HELP PROMOTE THE DEVELOPING CULTURE OF THEATRE.  
AN INSTITUTE WHICH IS INVITING AND DEVELOPS CURIOSITY AMONGST THE PEOPLE AND BUILT A COMMUNITY.

THE DESIGN IS SET IN A CONTRASTING FRAME WHICH INCLUDES THE OLD CITY AND COMMERCIAL SETTING, THE INSTITUTION SITS LIKE A BOUNDARY BETWEEN THE TWO.  
THIS CREATES AN OPPORTUNITY TO ENGAGE DIFFERENT COMMUNITIES THROUGH THEATRE.

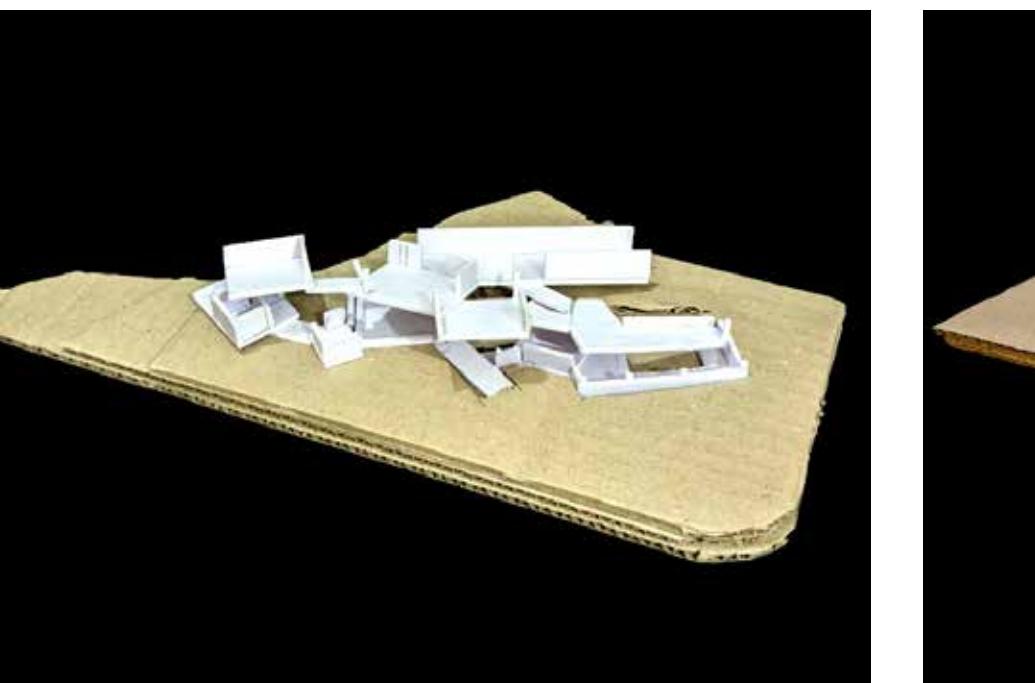
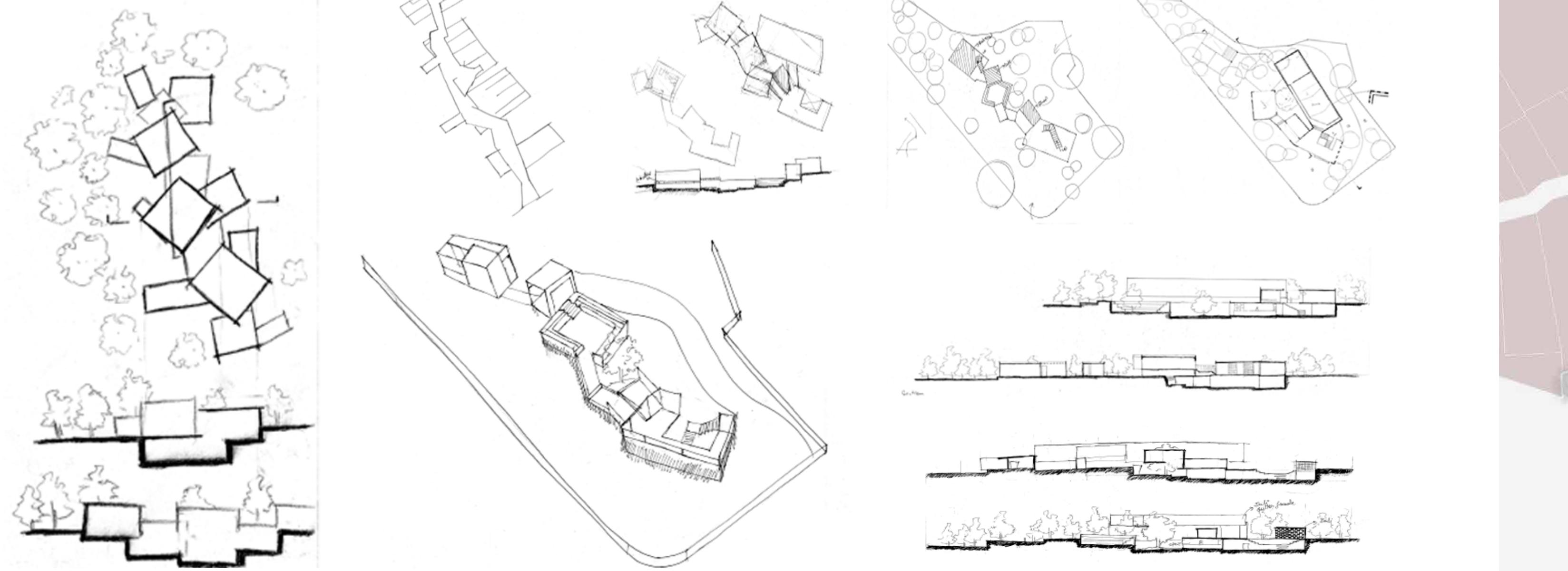
THEATRE CAN BE A POWERFUL PLACE TO CREATE COMMUNITIES TIEING DIFFERENT CULTURES IN ONE FRAME.

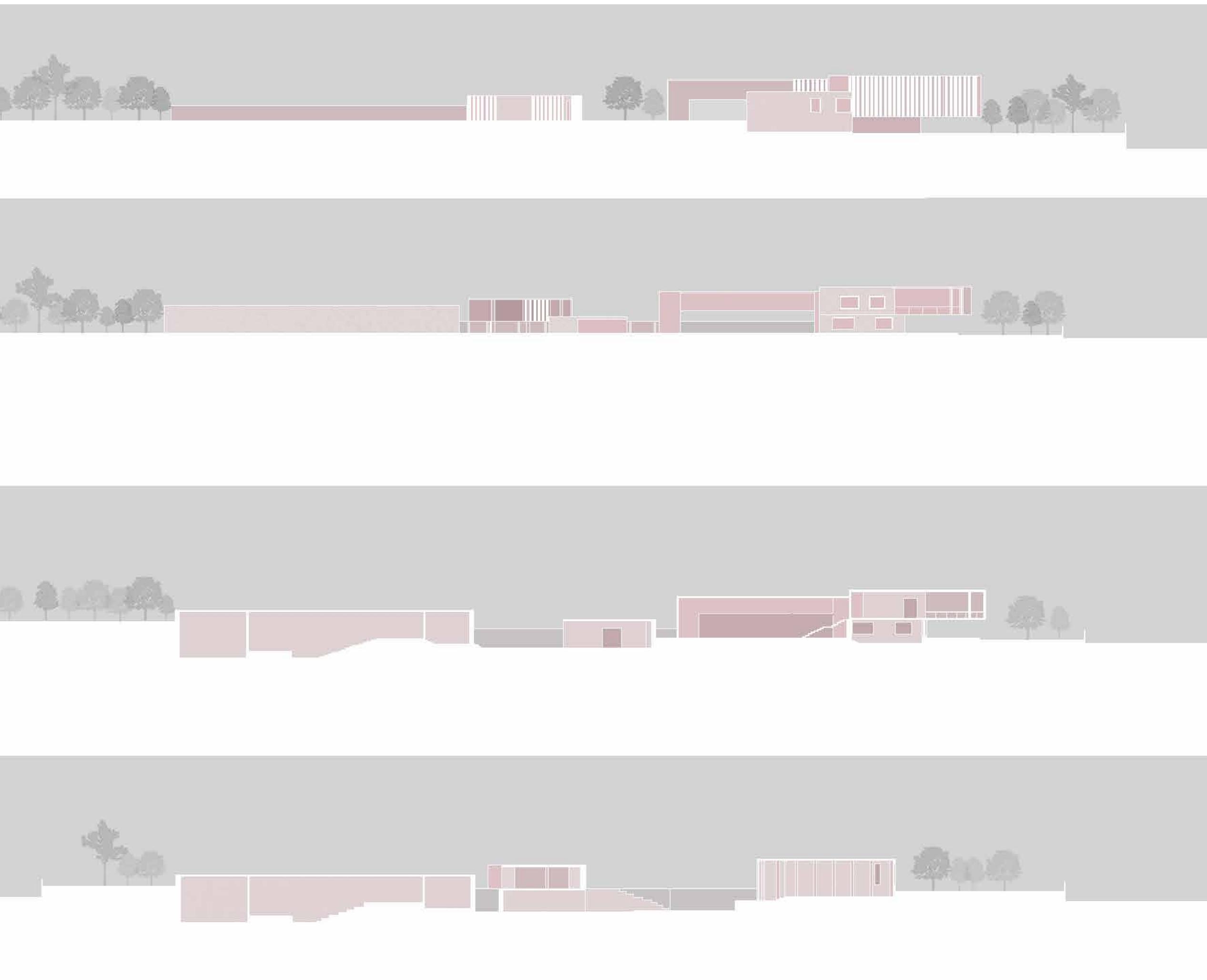
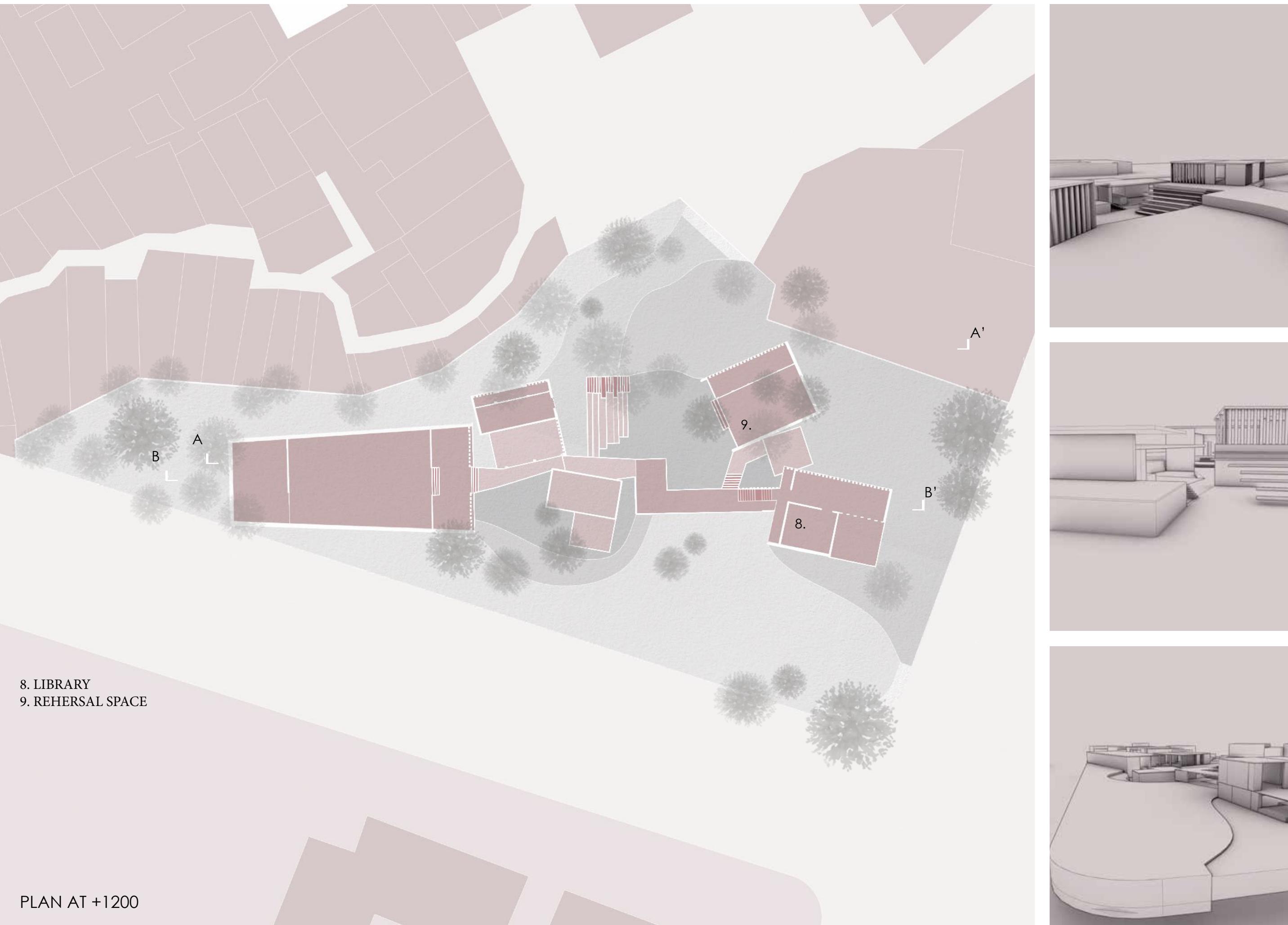
STARTING WITH READING AND VISITING THEATRES, CREATING DIAGRAMS AND MODELS RESPECTING THE SITE.

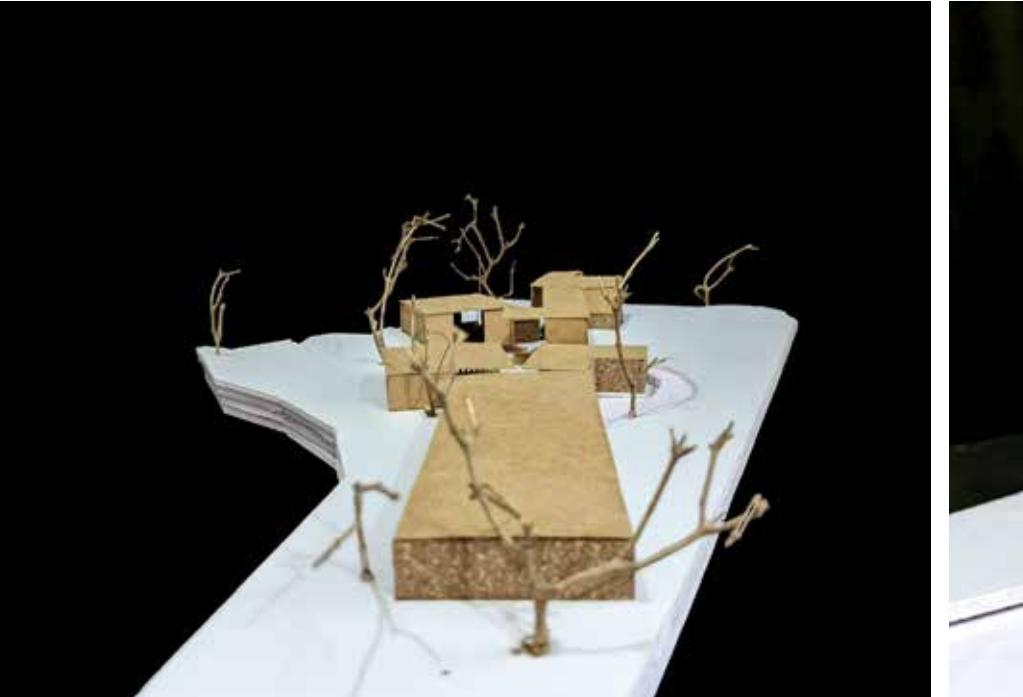
THE DESIGN IS SPREAD ALL OVER THE SITE IN A LONGITUDINAL FORM WHICH HAS FINS ON THE RESIDENTIAL SIDE AND A CLEAN LONG SIDE ON THE TERTIARY SIDE.  
ALLOWING PEOPLE PASSING BY MORE CURIOUS ABOUT THE INSTITUTION AS THEY CAN SEE THE ACTIVITIES GOING ON.



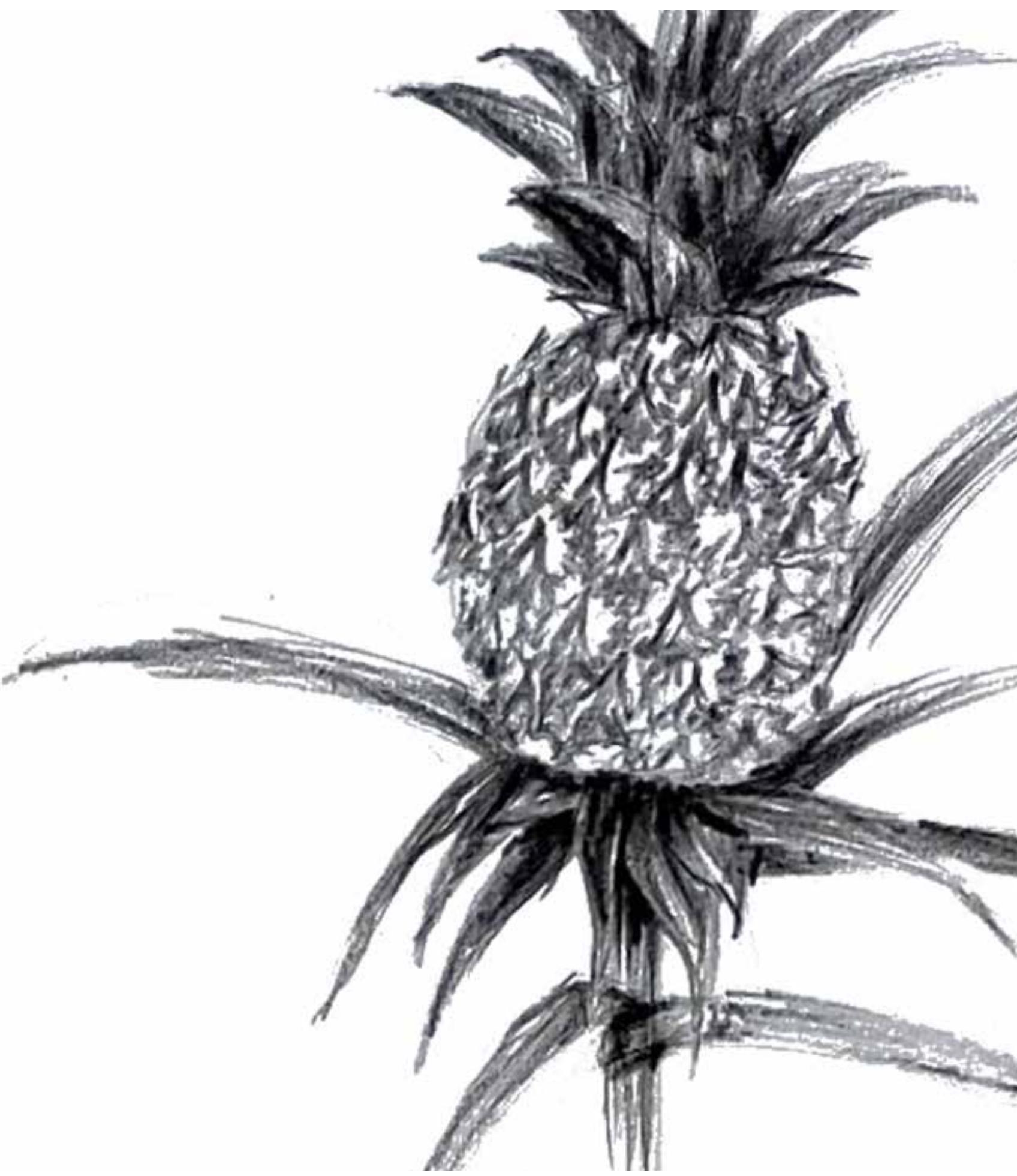
PROCESS



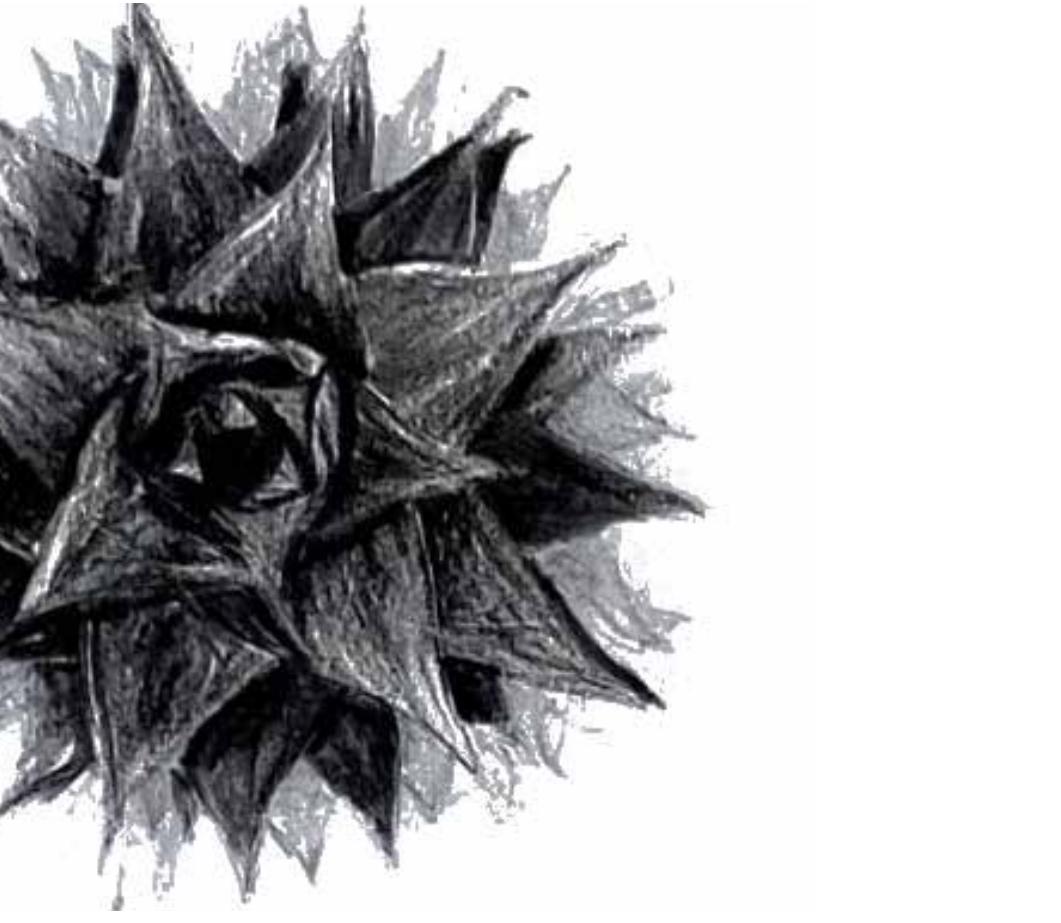
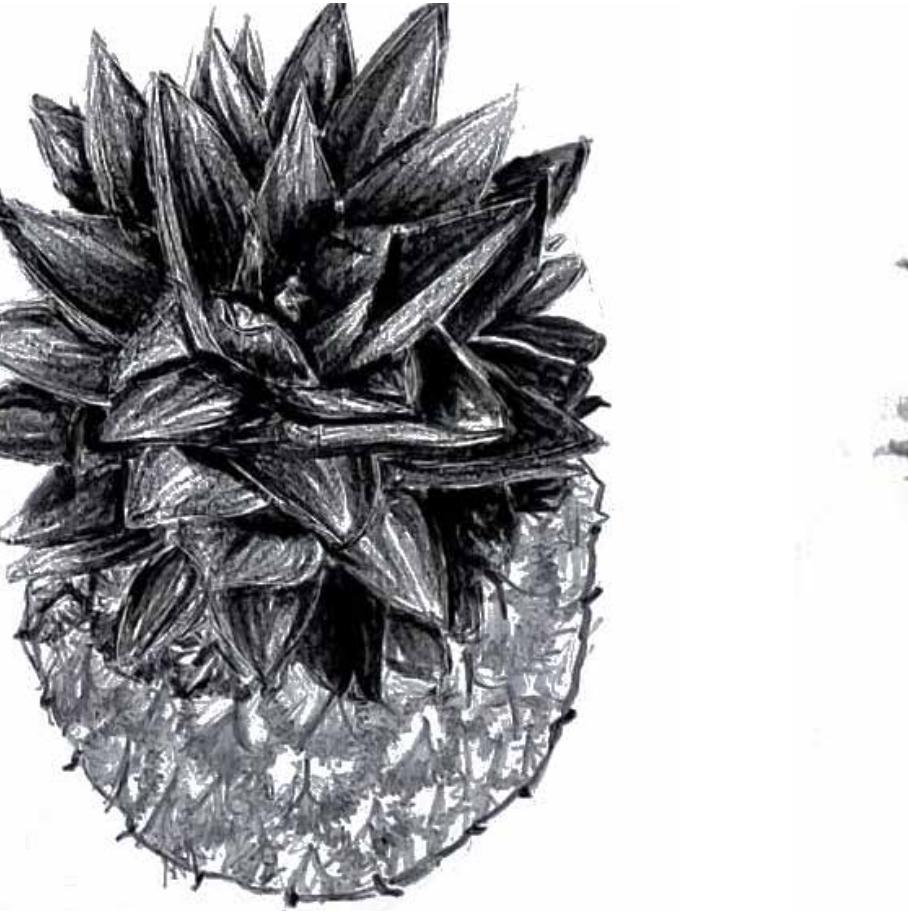




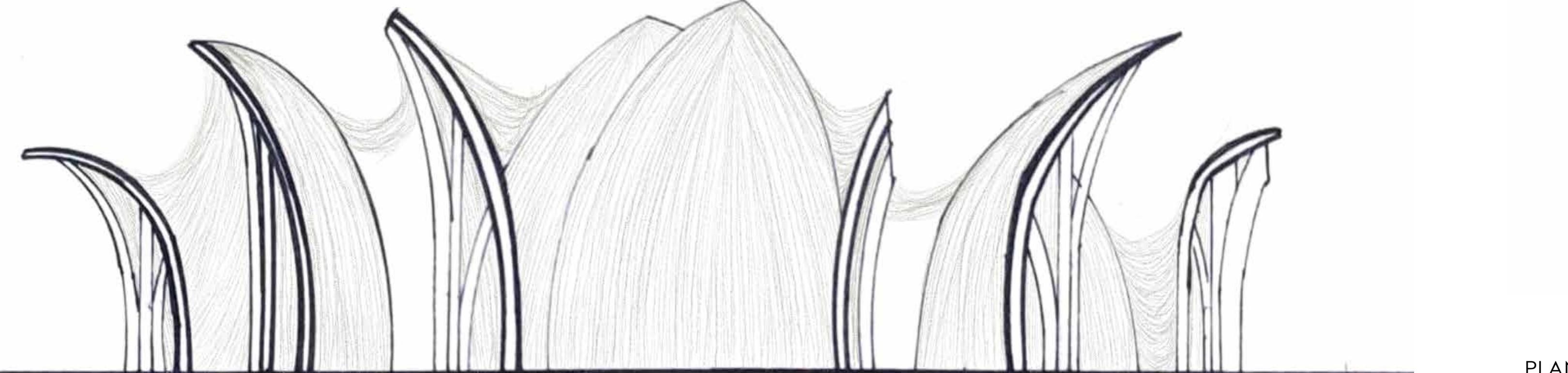
**BIMOMIMICY**  
DEVELOPING DESIGN THROUGH NATURAL OBJECTS  
THIS STUDIO WAS BASED ON THE STUDY OF A NATURAL OBJECT IN WHICH I HAVE STUDIED PINEAPPLE AND CREATED AN ART GALLERY.  
STUDYING THE OBJECT BY DECONSTRUCTIVISM AND SKETCHING THEM WITH DIFFERENT MEDIUMS TO GET THE POSSIBLE OUTCOMES.  
THROUGH THE SKETCHES, I HAVE DEVELOPED THE GALLERY BY THE CROWN OF THE PINEAPPLE.  
A DETAILED BAMBOO STRUCTURE WHICH HAS DIFFERENT PETALS LOOKING OUTWARDS CREATING A DYNAMIC STRUCTURE.



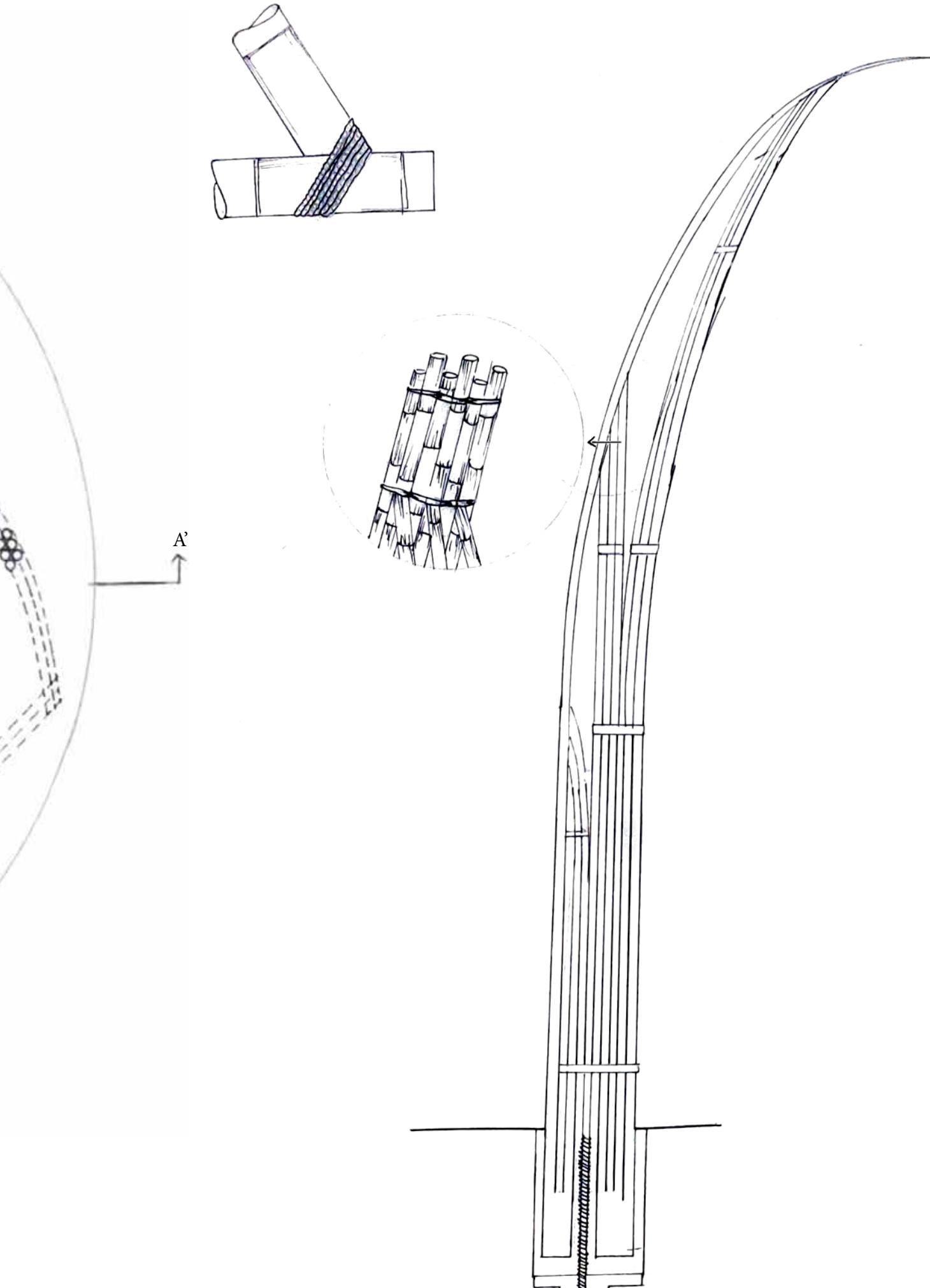
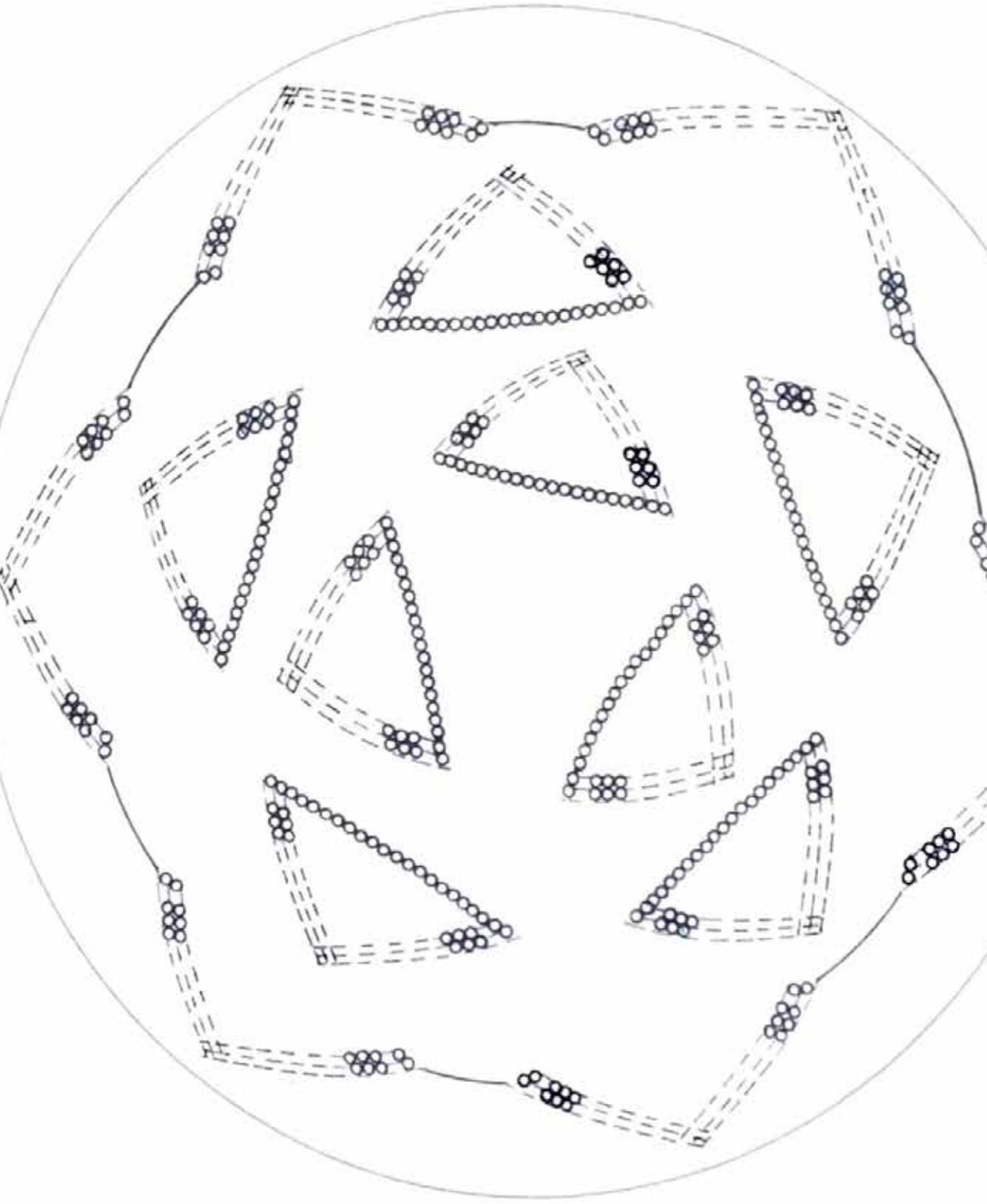
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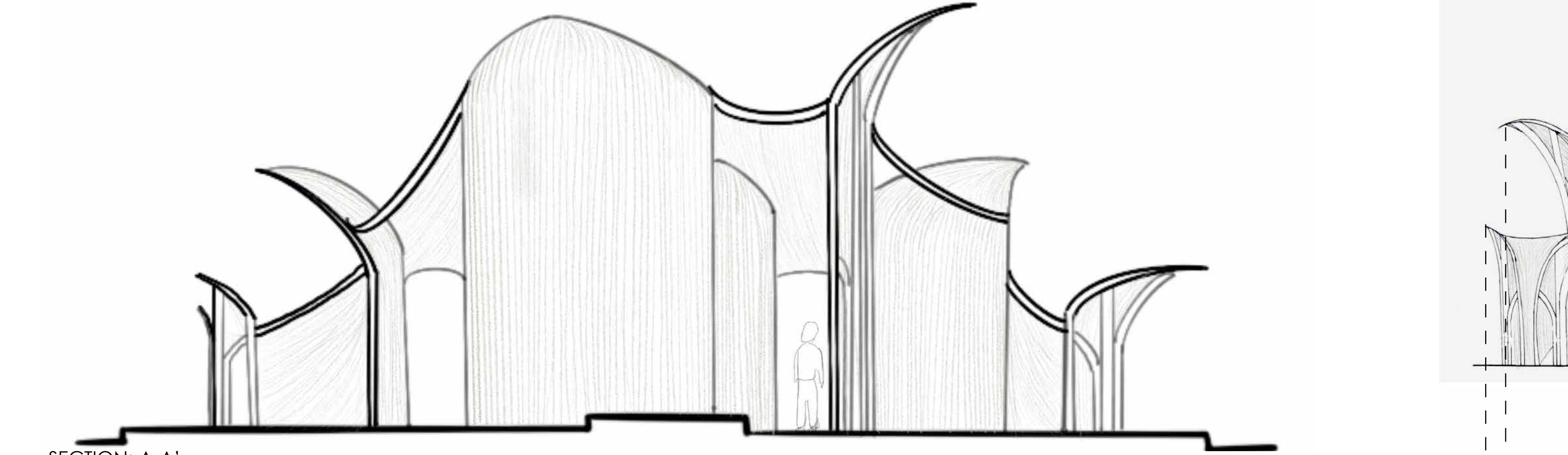


SECTION:



PLAN AT +600

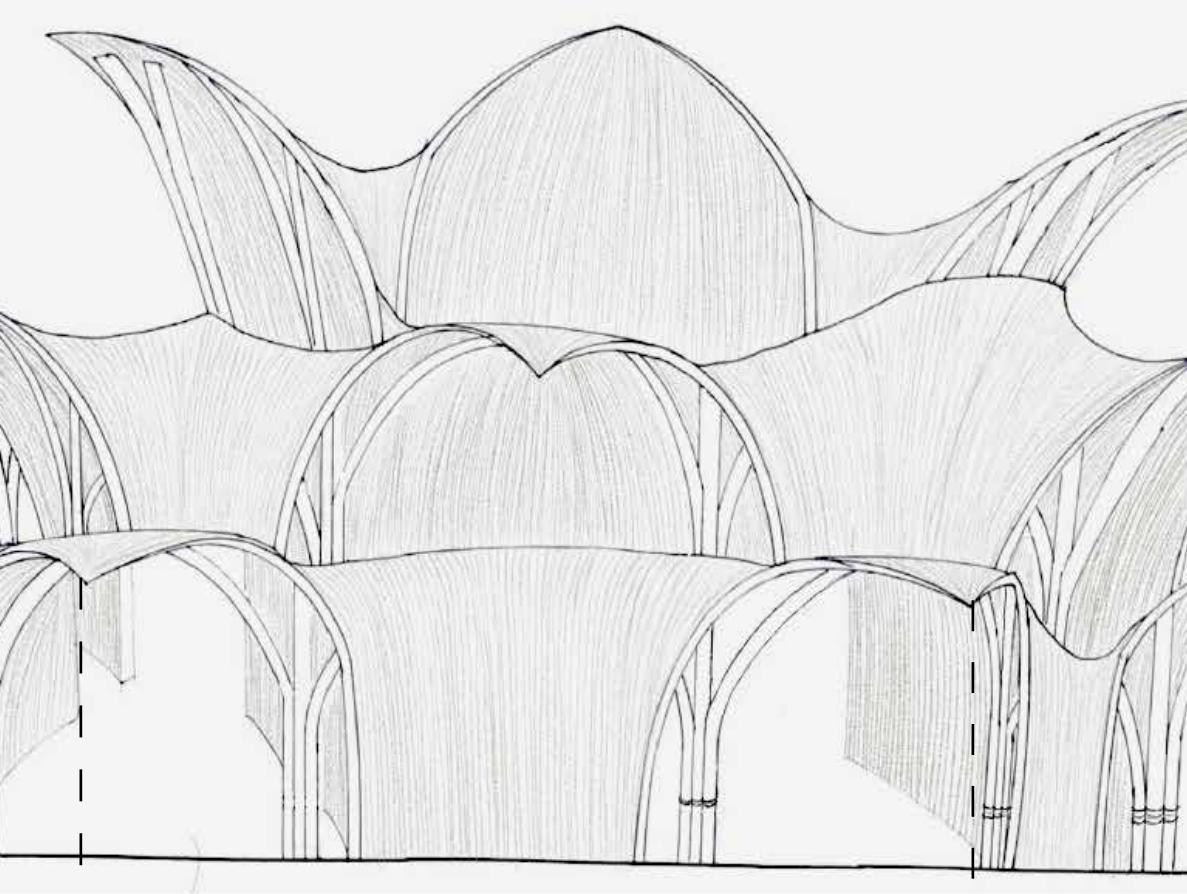
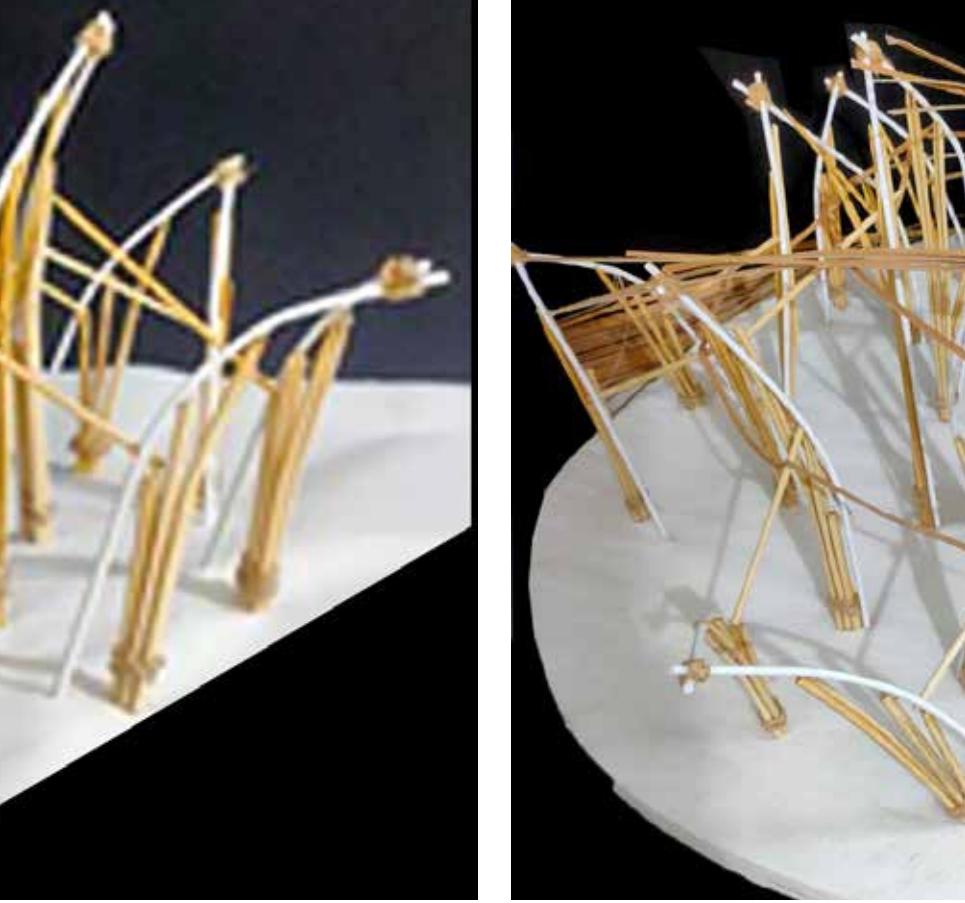




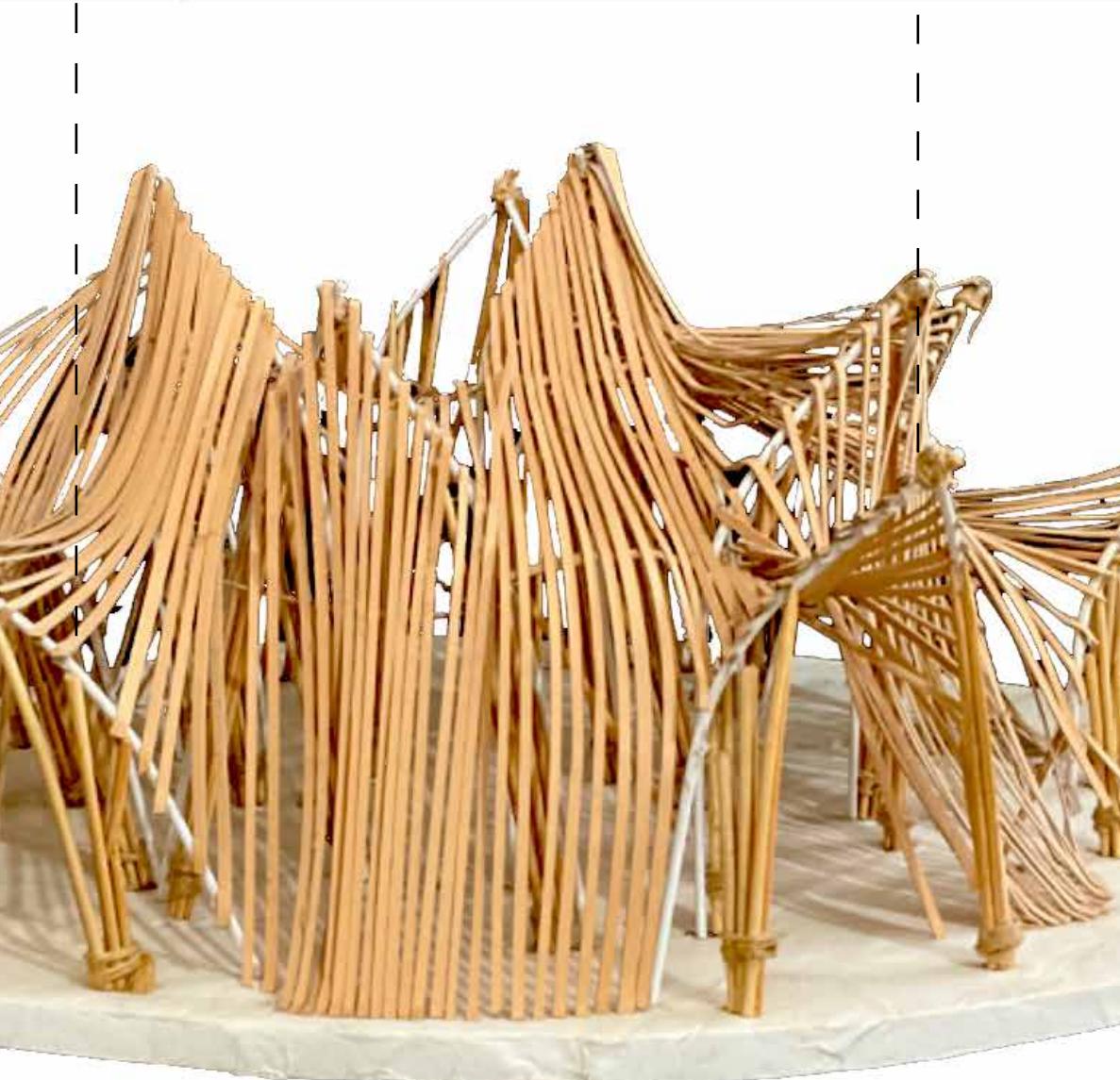
SECTION: A-A'



PROCESS



A DYNAMIC BAMBOO STRUCTURE EXPLORING THE FORM AND THE STRUCTURAL PROPERTIES OF BAMBOO WITH ALL THE JONIERY.



DETAILED MODEL MADE BY BAMBOO SKWERES AND ROPE TO TIE AS DONE IN THE REAL CONSTRUCTION OF BAMBOOS.

THE ARCH REPRESENTS THE LEAVES OF THE CROWN LOOKING OUTWARDS.  
THE SKIN IS MADE UP OF INTERWEAVING OF BAMBOO STRIPS, GIVING IT A DYNAMIC LIGHT EFFECT FROM THE INSIDE.



# MODULAR HOUSING

LOCATION : OLD CITY, ANAND, GUJARAT

THIS STUDIO WAS BASED ON MODULAR HOUSING SETTING IN THE OLD CITY OF ANAND, GUJARAT.

THE IDEA WAS TO HAVE A RESIDENCE WHICH THE NEW OR THE OLD GENERATION WOULD ACCEPT AS COMFORTABLE HOUSING WHILE RESPECTING THE CULTURE IN THE SETTING OF OLD CITY AND HELP RESTORE AND CONSERVE THE CULTURE.

INTENT IS TO HAVE MODULAR HOUSING TO ADDRESS VARIOUS FAMILY SIZES AND THEIR NEEDS WHICH RESPECT TO THE SETTING.

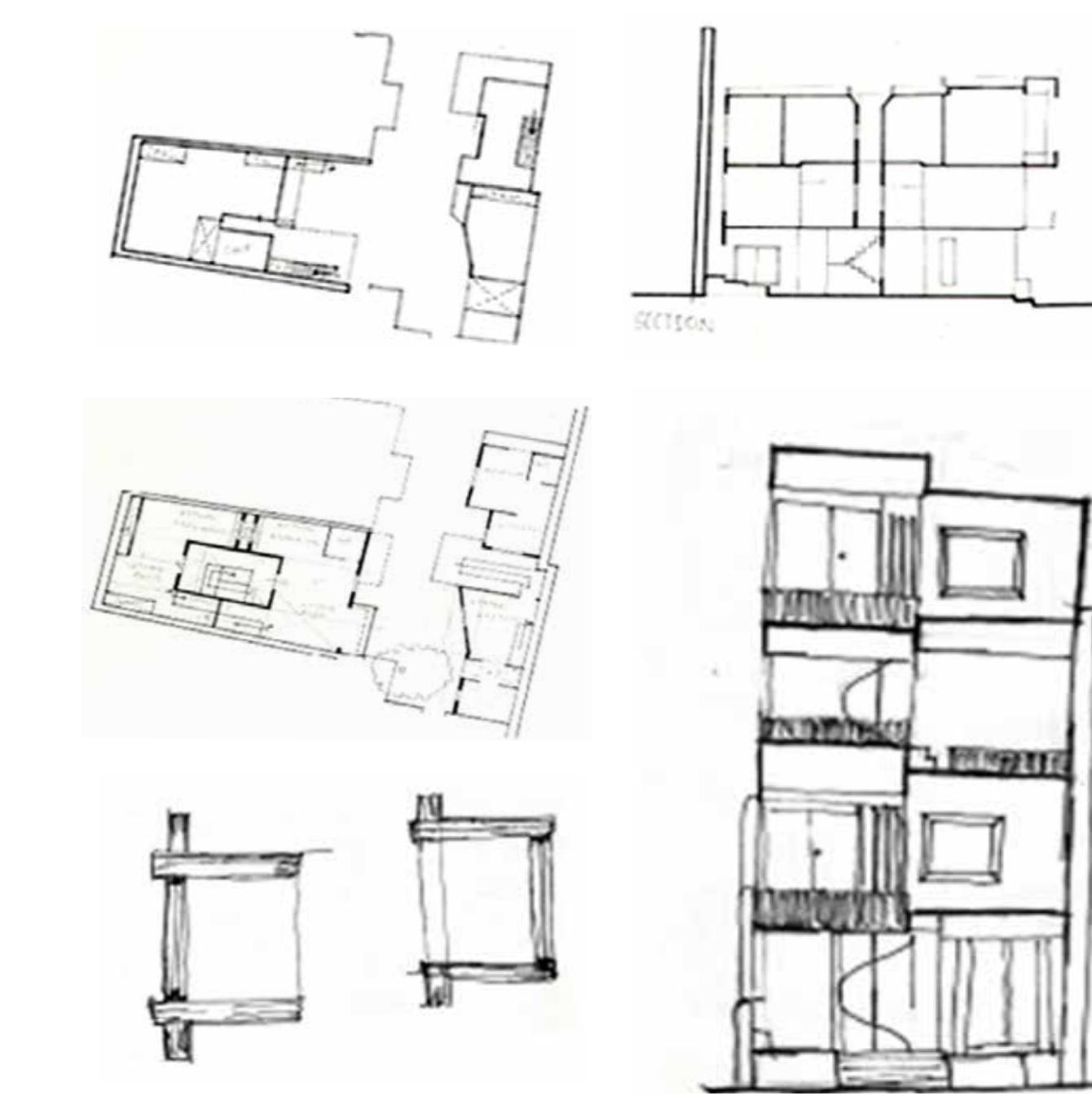
THE DESIGN PROMOTES THE IDEA OF COMMUNITY LIVING AND INTRACTIVE SPACES WHICH HAS APPROPRIATE LIVING CONDITIONS IN SUCH TIGHT SPACES.

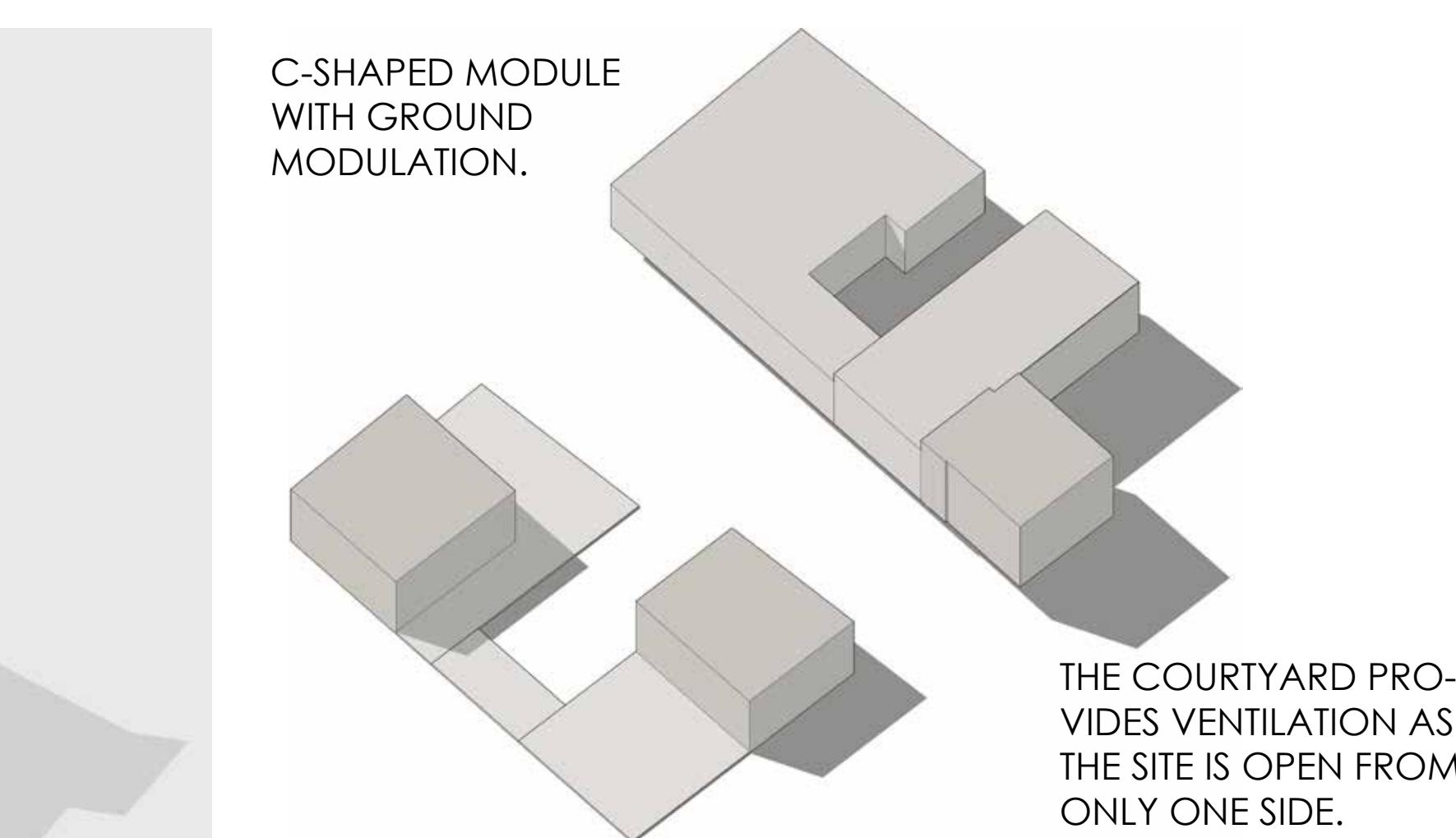
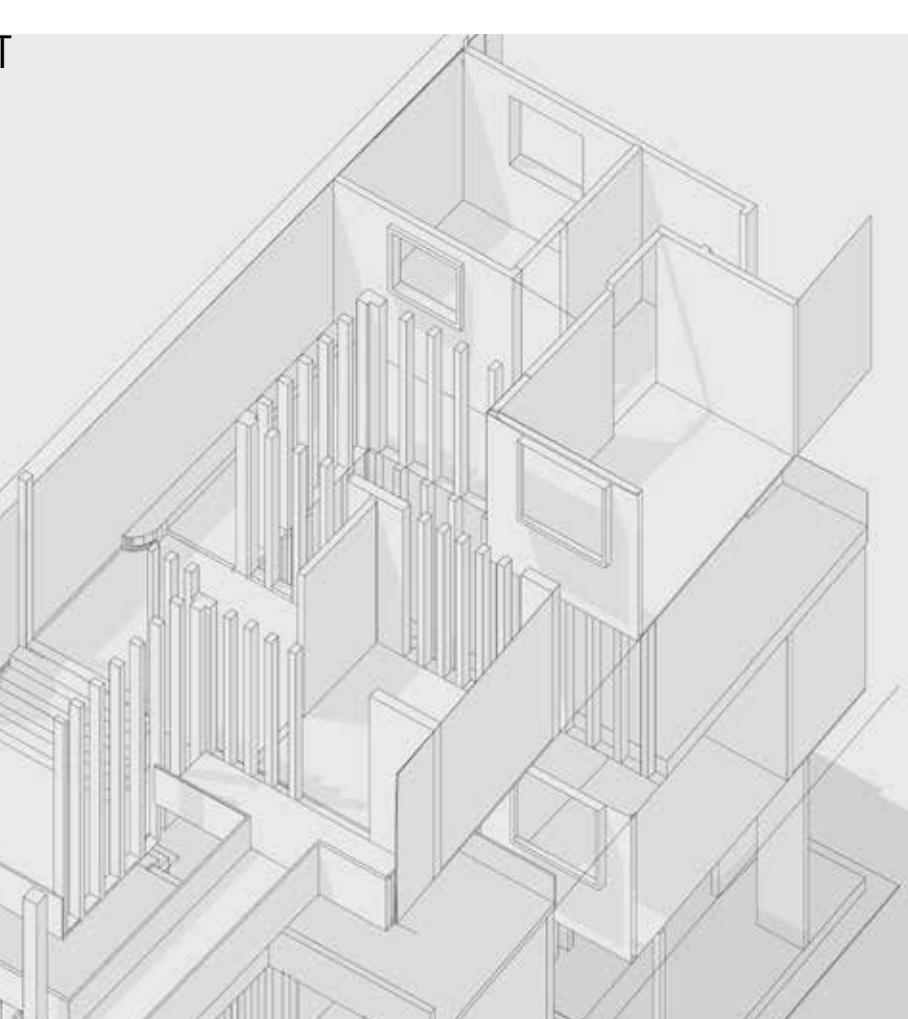


## SITE ANALYSIS



## PROCESS





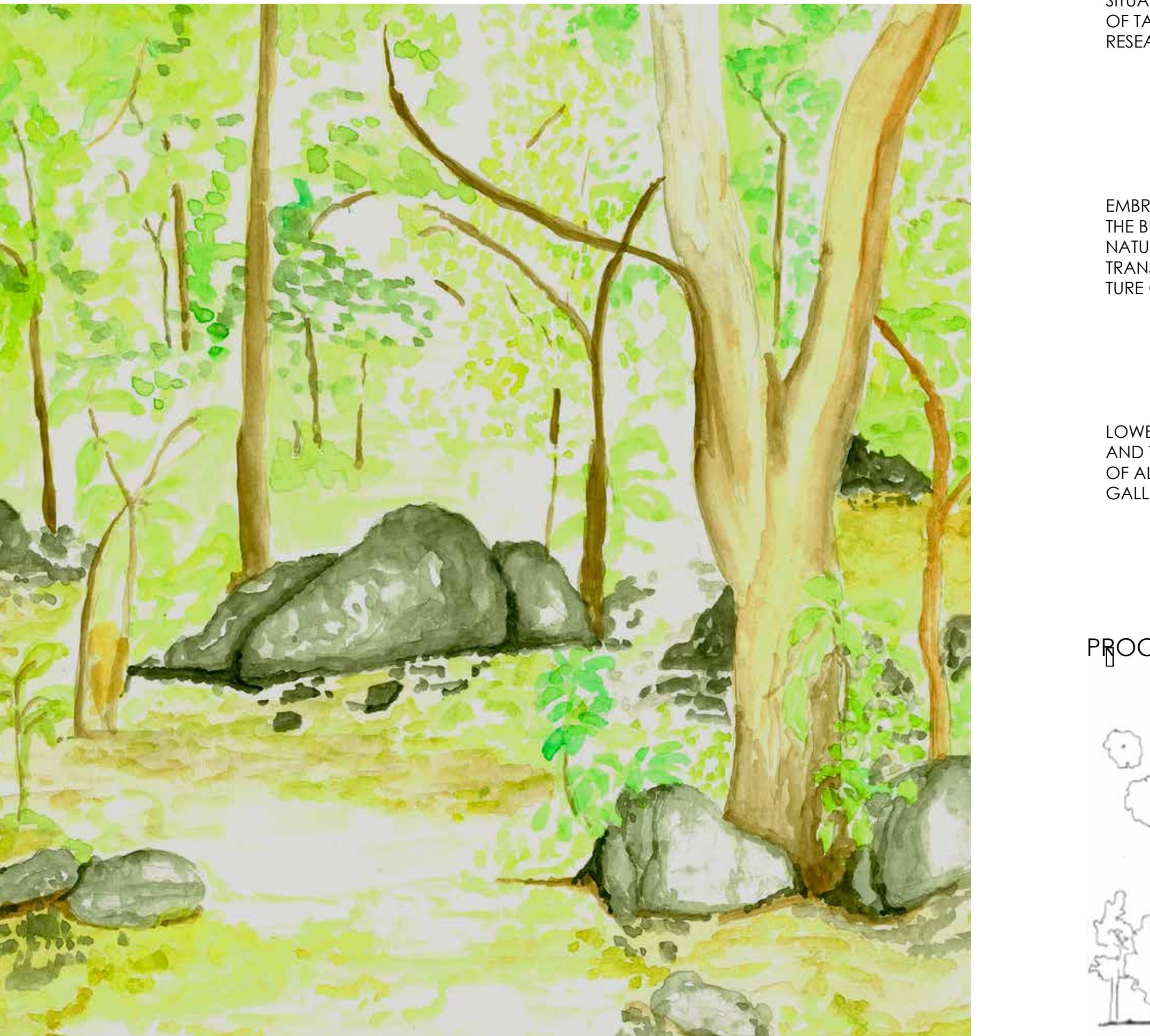
# FICTION OF LANSCAPE

LOCATION : JAMBUGHODA, GUJARAT

THIS STUDIO AIMED ON THE UNDERSTANDING AND EXPLO-  
RATION OF DESIGNS IN DIFFERENT FORMS OF SETTING, HOW  
LANDSCAPE INFLUENCES THE DESIGN PROCESS.

THIS DESIGN IS SITUATED IN DENSE FOREST OF JAMBUGHODA,  
AN AIR POLLUTION RESEARCH CENTRE.

THE GROUND LEVEL HAS A LIGHT TRANSLUCENT STRUCTURE  
WHICH ACTS AS A LANDMARK AS IT WOULD APPEAR TO  
GLOW AT NIGHT AND THE UPPER LEVEL HAS A CANTILEVERED  
CONCRETE STRUCTURE WHICH APPEARS TO BE FLOATING.

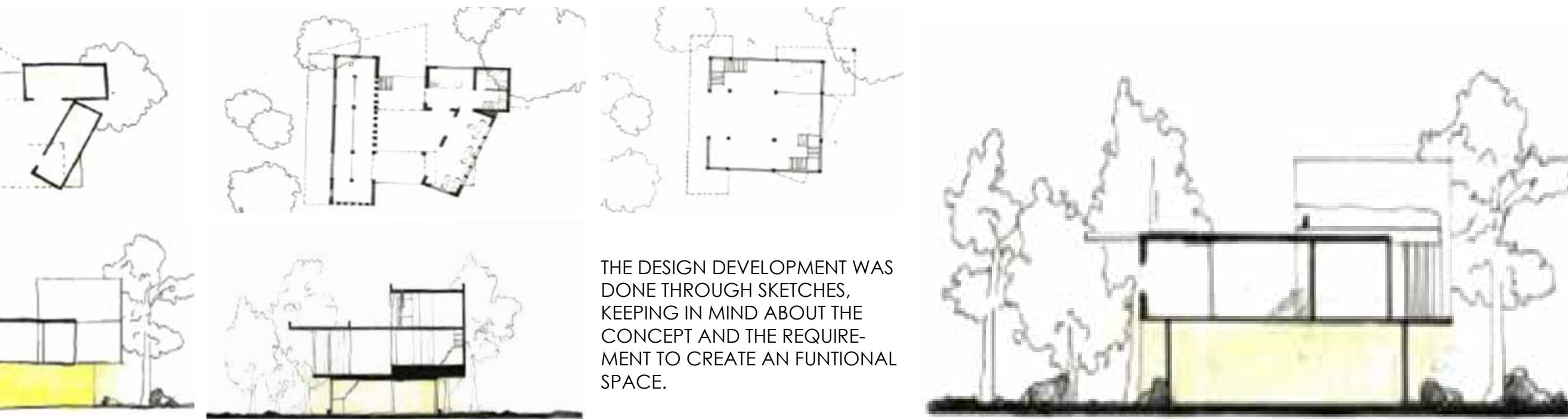


SITUATED BENEATH THE CANOPIES  
OF TALL TREES AN AIR POLLUTION  
RESEARCH CENTER.

EMBRASING THE NATURE AROUND,  
THE BUILDING BLENDS IN WITH THE  
NATURE AROUND THROUGH THE  
TRANSPARENCY AND LIGHT STRUC-  
TURE ON THE GROUND.

LOWER LEVEL CONSIST OF THE LAB  
AND THE UPPER LEVEL CONSISTS  
OF ALL THE SERVICES, CAFE AND A  
GALLERY SPACE.

## PROCESS



THE DESIGN DEVELOPMENT WAS  
DONE THROUGH SKETCHES,  
KEEPING IN MIND ABOUT THE  
CONCEPT AND THE REQUIRE-  
MENT TO CREATE AN FUNTIONAL  
SPACE.



LUMINATED GROUND LEVEL SETS AS A LANDMARK IN THE DENSE FOREST WITH THIN CONCRETE COLUMNS HELPS FOR AN UNHINDERED VIEW.

THE SECOND LEVEL IS CANTILEVERED FROM ALL THE FOUR SIDES BETWEEN THE CANOPIES OF TREES, GIVES THE FEEL OF A FLOATING CONCRETE STRUCTURE .



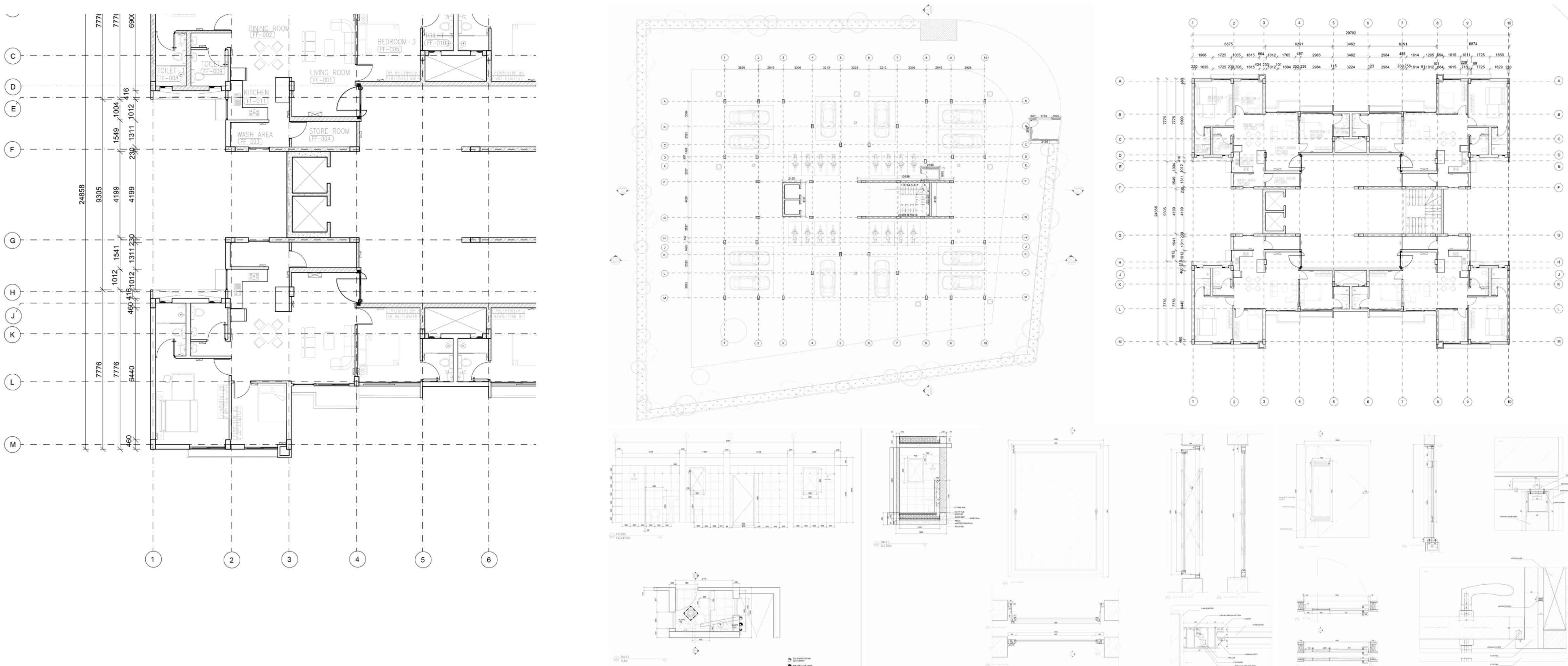
# WORKING DRAWING

DEVELOPING WORKING DRAWINGS FOR AN 3BHK APARTMENT OF 4 FLOORS.

INNOVATING WINDOWS AND DOORS FOR THE APARTMENT WITH DETAILED DRAWINGS AND LABELING.  
MODULAR KITCHEN, DETAILED PLUMBING, ELECTRICAL PLANS AND TOILET PLANS AND SECTIONS.

DESIGNING AND INNOVATING DIFFERENT TYPES OF STAIRCASES, KITCHEN RACKS TO ADDRESS THE PROBLEMS OF DAILY LIFE, WINDOWS WHICH WOULD PUSH OUT AND HAVE A FILTER AROUND THE OPEN PART SO IT CAN LET FILTERED AIR IN, IDENTIFYING THE CORRECT PLACEMENT FOR THE WINDOWS AND HANGOVERS TO LET THE APPROPRIATE SUN LIGHT IN.

EVERY DETAIL IS CAREFULLY STUDIED AND COMPILED TO CREATE THIS SET OF WORKING DRAWINGS.



# URU BOAT DOCUMENTATION

LOCATION : CALICUT, KERALA

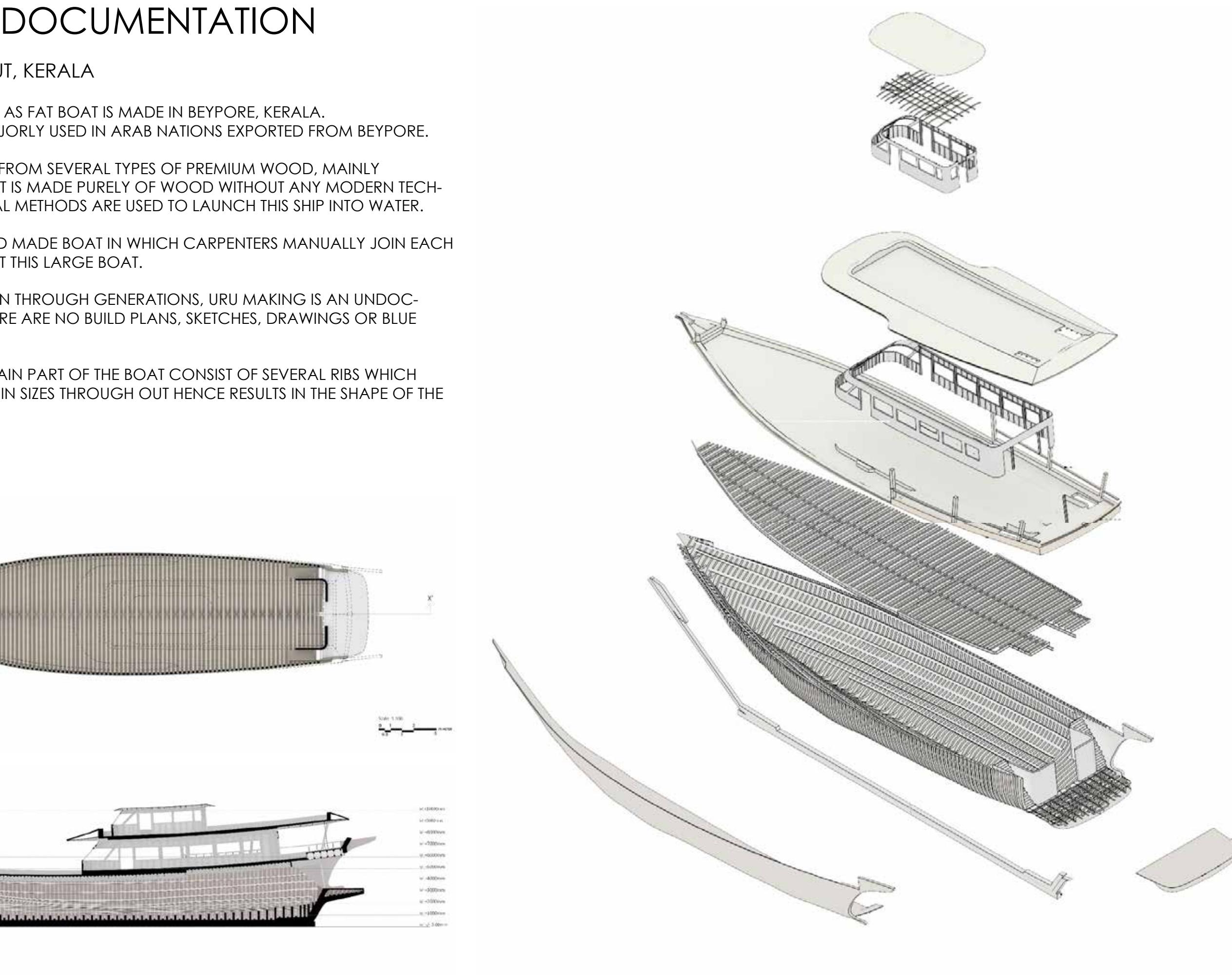
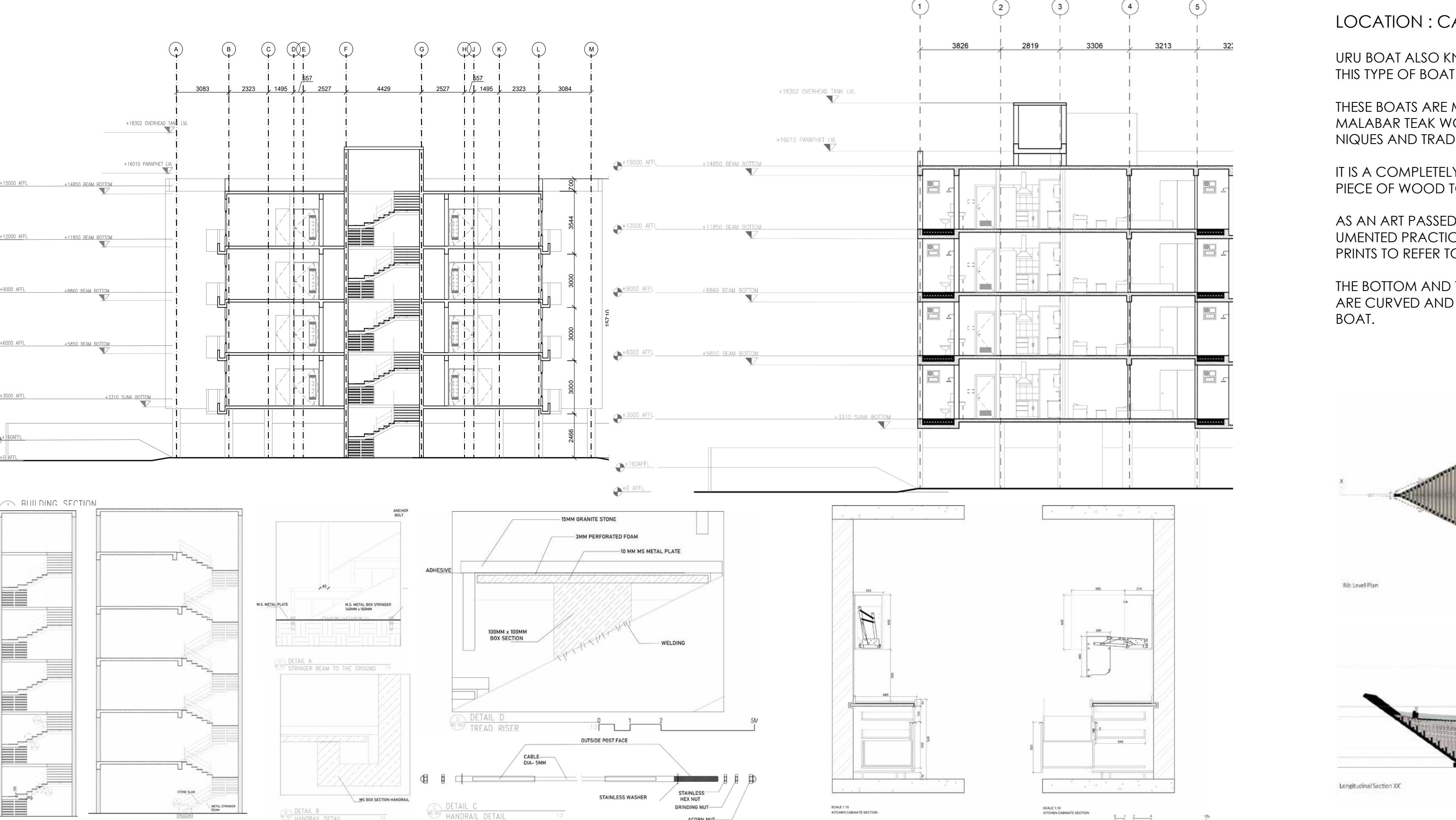
URU BOAT ALSO KNOWN AS FAT BOAT IS MADE IN BEYPORE, KERALA.  
THIS TYPE OF BOAT IS MAJORLY USED IN ARAB NATIONS EXPORTED FROM BEYPORE.

THESE BOATS ARE MADE FROM SEVERAL TYPES OF PREMIUM WOOD, MAINLY  
MALABAR TEAK WOOD. IT IS MADE PURELY OF WOOD WITHOUT ANY MODERN TECH-  
NIQUES AND TRADITIONAL METHODS ARE USED TO LAUNCH THIS SHIP INTO WATER.

IT IS A COMPLETELY HAND MADE BOAT IN WHICH CARPENTERS MANUALLY JOIN EACH  
PIECE OF WOOD TO BUILT THIS LARGE BOAT.

AS AN ART PASSED DOWN THROUGH GENERATIONS, URU MAKING IS AN UNDOC-  
UMENTED PRACTICE. THERE ARE NO BUILD PLANS, SKETCHES, DRAWINGS OR BLUE  
PRINTS TO REFER TO.

THE BOTTOM AND THE MAIN PART OF THE BOAT CONSIST OF SEVERAL RIBS WHICH  
ARE CURVED AND VARY IN SIZES THROUGH OUT HENCE RESULTS IN THE SHAPE OF THE  
BOAT.



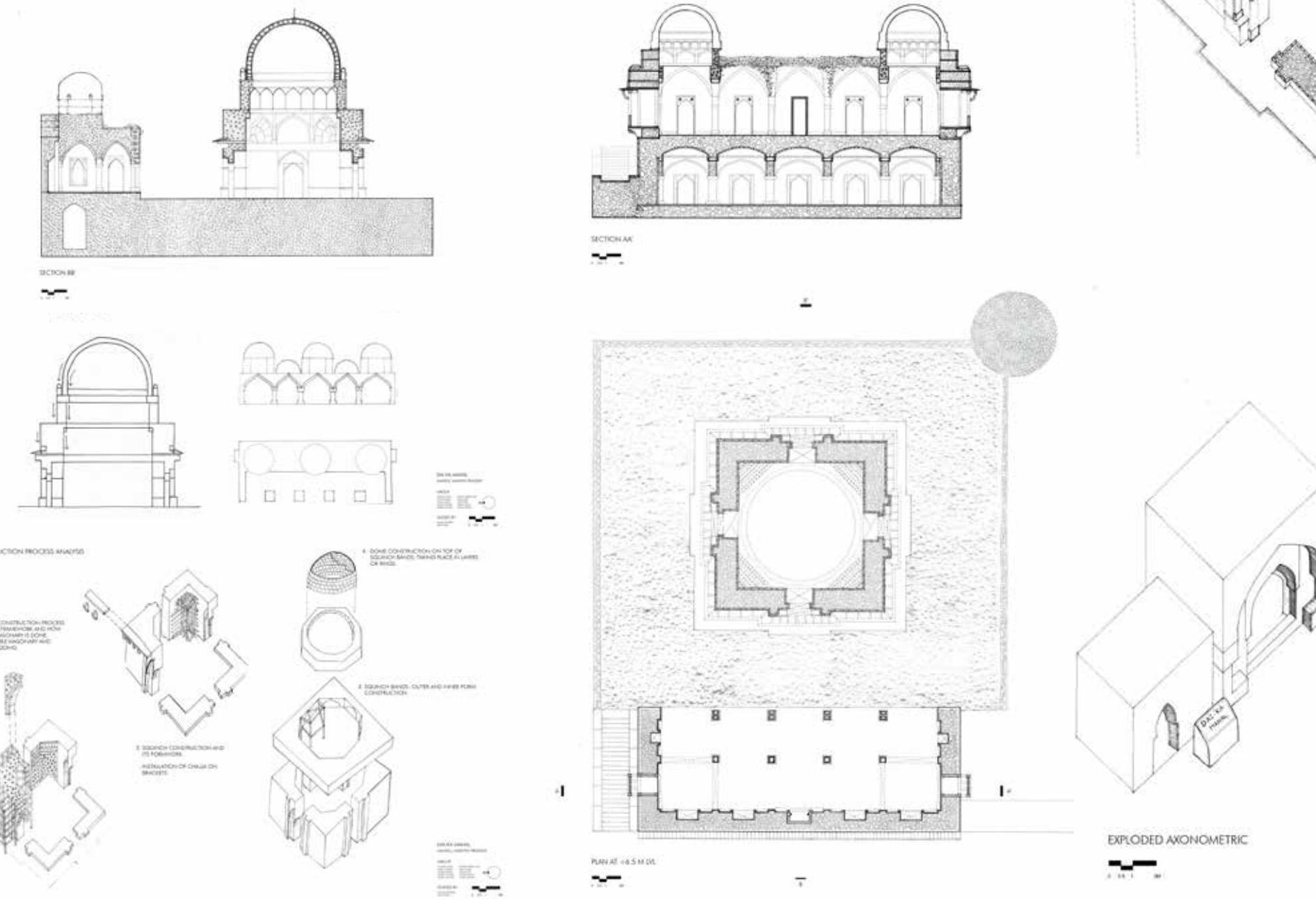
# DAI KA MAHAL DOCUMENTATION

LOCATION : MANDU, MADHYA PRADESH

DAI KA MAHAL IS A TOMB IN MANDU FORT. THIS DOCUMENTATION WAS TO UNDERSTAND THE HISTORIC BUILDING CONSTRUCTION.

THE UNDERSTANDING OF THE STRUCTURE, THE WALLS, DOAMS, ARCHES AND VAULTS. EVERY COMPONENT WAS STUDIES AND DISCOVERING HOW IT WAS BUILT. ALL DETAILS WERE DOCUMENTED AND HAND DRAFTED INCLUDING CARVINGS OF THE JHAROKHAS AND THE WALLS.

THE RUINS OF THIS STRUCTURE HELPED IN IDENTIFYING AND IMAGINING ABOUT HOW IT WAS CONSTRUCTED AND HOW DO THESE STRUCTURES SUSTAIN OVER THESE YEARS.



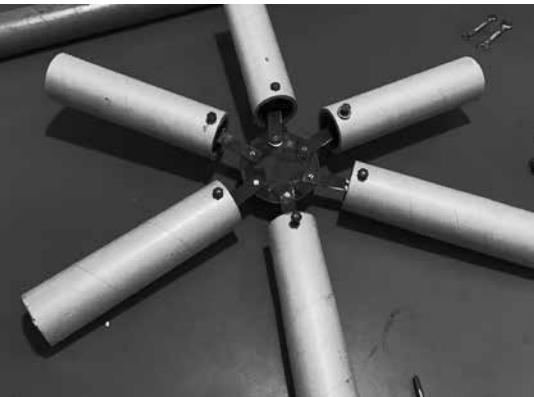
# PAPER TUBE WORKSHOP

LOCATION : NUV, VADODARA

BUILDING THIS CONICAL LIKE STRUCUTURE WITH PAPER TUBE WAS BUILT TO GET AN HANDS ON EXPERIENCE ON A NEW MATERIAL AND JOINERY.

STARTING WITH SMALL SCALE MODEL WITH STRAWS, UNDERSTANDING THE COMPLICATIONS AND RESOLVING THE JOINERY. THE JOINERY PLAY A MAJOR ROLE IN THIS STRUCTURE AS PAPER TUBE NEED A SOLID METAL JOINERY TO HOLD THE CONICAL STRUCTURE IN PLACE AS WELL AS PROVIDE SOME FLEXIBILITY IN THE JOINERY DUE TO THE SIX PAPER TUBES TO BE CONNECTED IN AN CIRCULAR SHAPE.

EACH JOINERY IS HAND MADE AND ASSEMBLED. ALL THE PAPER TUBES WERE COATED IN-SIDE - OUT TO PROVIDE PROTECTION FROM THE WEATHER.



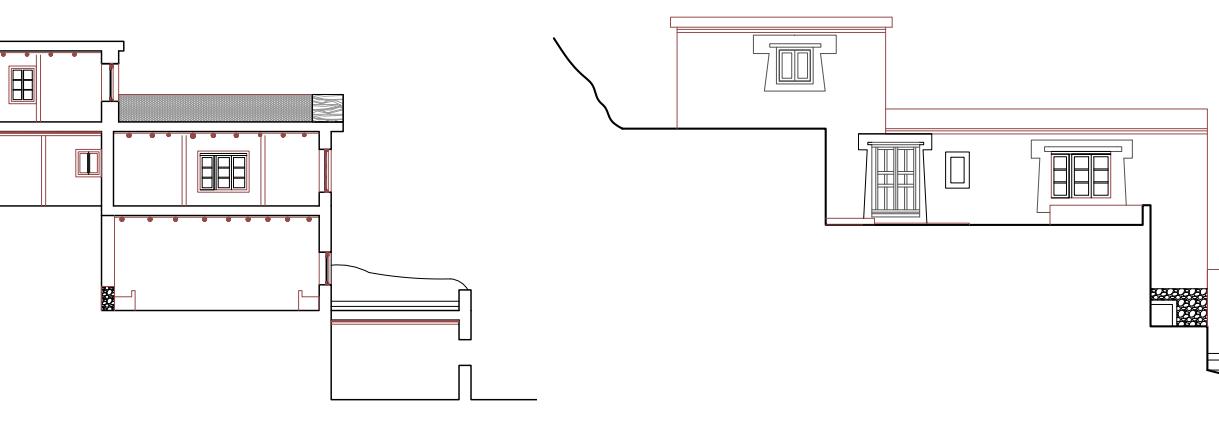
# MISCELLANEOUS



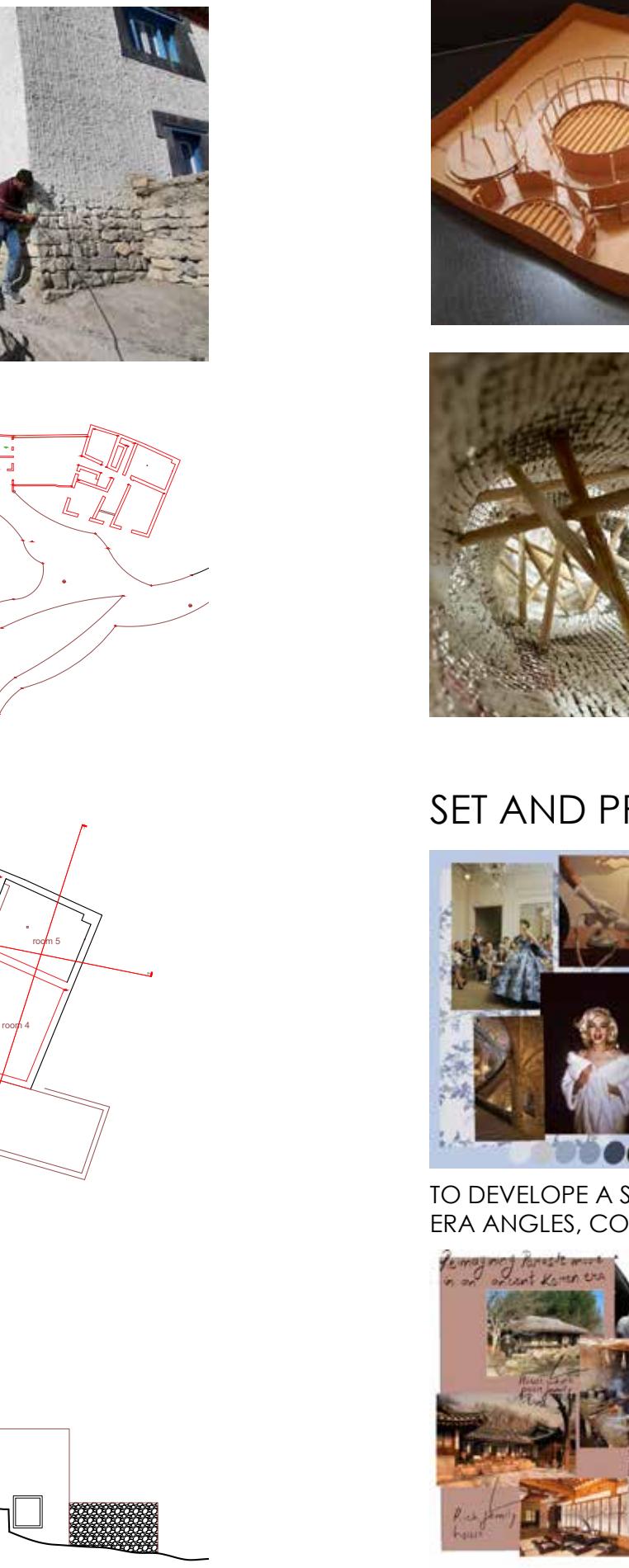
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## DIUM STRUCTURAL MODEL



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## AKING



# DESIGN



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SET AND PRODUCTION DESIGNING INCLUDES THE UNDERSTANDING OF THE ADVERTISEMENT FOR WHICH I MADE AN AD FOR DIOR BRAND.

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✉ astha2162@gmail.com

📞 7222984366

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