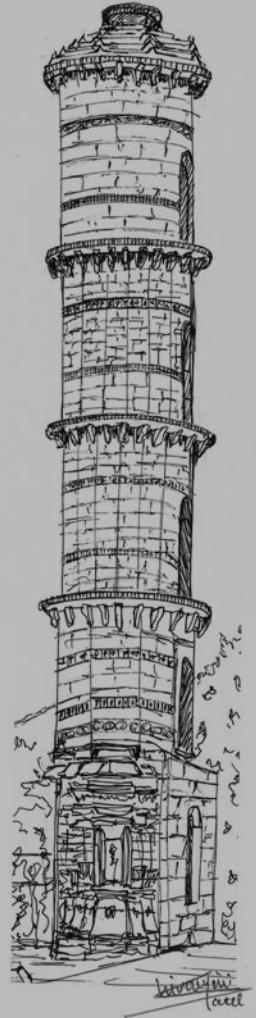


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Shivangini Patel

Λ

The Maharaja sayajirao University of Baroda
Selected works 2018-2021



Shivangini Patel

27-01-2001

Indian

LANGUAGE:

Hindi
English
Gujarati

WORKSHOP:

Enameling workshop
Ferrocement workshop
Wood carving
POP carving
Brick carving
Paper pulp workshop
Clay modelling

EDUCATION:

2018

Completed HSC from A-one Xavier's school
Ahmedabad, Gujarat

2018-2021

Pursuing bachelor's degree in B.Arch from
The Maharaja sayajirao University of Baroda
Vadodara, Gujarat

COMPETITION:

2019

Tinylibrary volumezero competition

2021

Street design challenge for vadodara city

I am an architecture student keen to explore new technologies and practical knowledge. To provide the user, the best experience and comfort is the best satisfaction. I believe in efficient work in organized manner and some kind of balance between appearance and functions so i *act* according to my belief.
Hope to coordinate with your beliefs.



patelshivangini07@gmail.com



+917878107973



D7 Ganesh apartment, naroda,
Ahmedabad, Gujarat



linkedin.com/in/shivangini-pat
el-277027169/

DIGITAL SKILLS:



SKILLS:

Model making
Drafting
Sketching
Photography

INTERESTS:



CONTENT

01

CITY RESOURCE CENTRE



02

HIGHER MIG HOUSING



03

PUBLIC LOO



04

INSTITUTIONAL CANTEEN



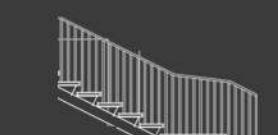
05

SPORTS CENTRE



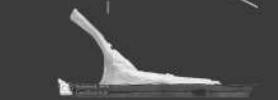
06

WORKING DRAWINGS



07

VZERO COMPETITION



08

OTHER WORKS





01

CITY RESOURCE CENTRE



SITE AREA: 2100 Sq mts.
LOCATION: Bhayli, vadodara,
Gujarat

The main concern of the project is to provide a resource center for a city for all age groups so that people who are keen to gain knowledge and information can reach. The design should be approachable for disabled and blind people.

20-25% space to be left for forest or vegetation

SITE ANALYSIS



SITE IN OUTSKIRT OF CITY AT BHAYLI, VADODARA
TWO APPROACHABLE SIDES IN SITE



Two types of Readers

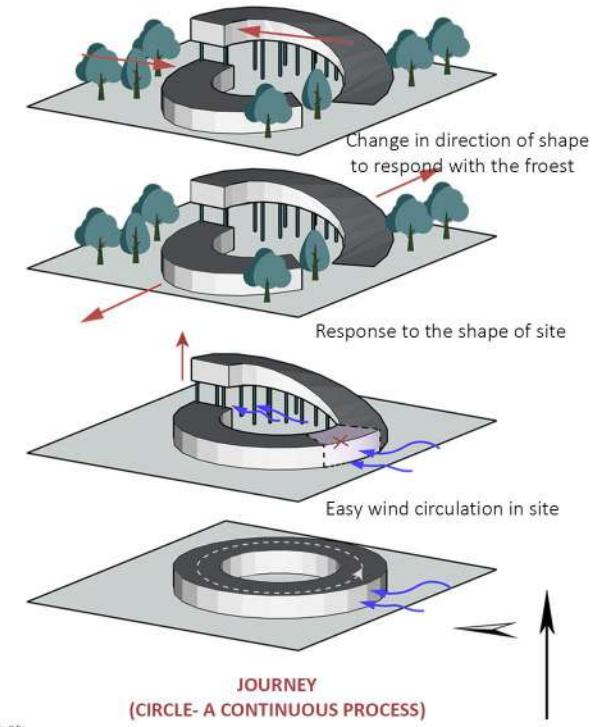


One who loves to connect with nature and explore the mind to read

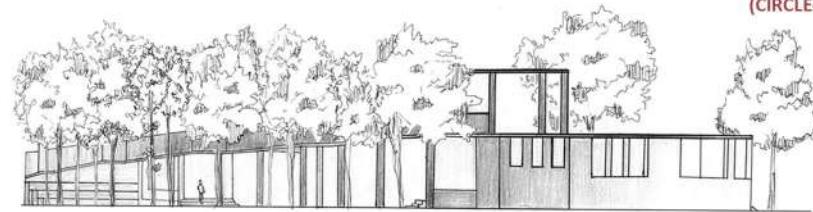


One who loves to read in dark and cosy space to focus and deeply involve in reading the book.

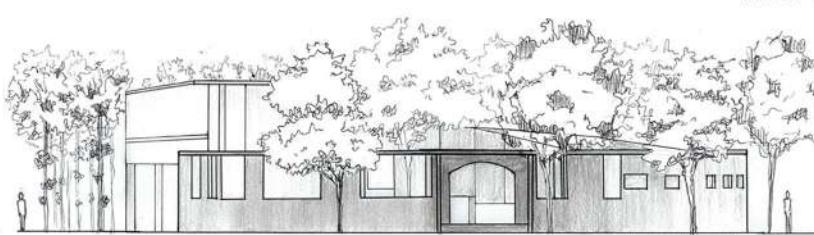
SOUL OF BOOK (SEQUENCE)



CONCEPT



North Side Elevation



West Side Elevation

DESIGN STRATEGIES

- Central gathering space (with pond)
- Feeling of journey
- Climate responsive
- Ramp with step ups for disabled

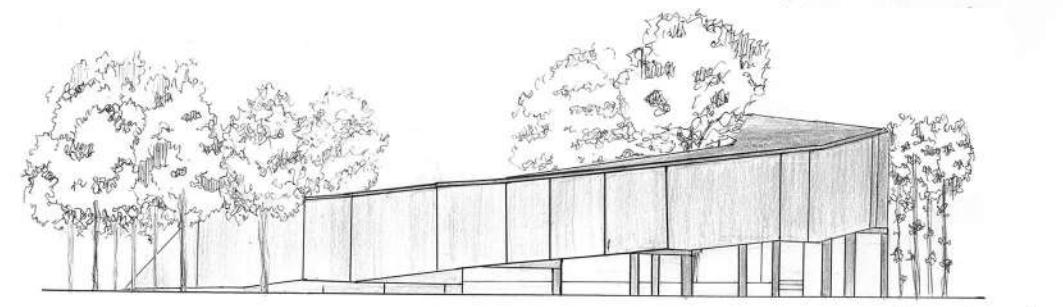
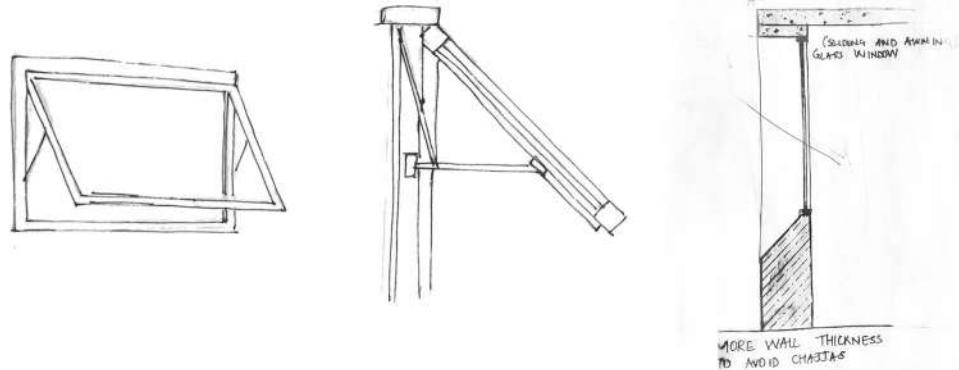
MATERIALS

- Compressed earth block
- Concrete

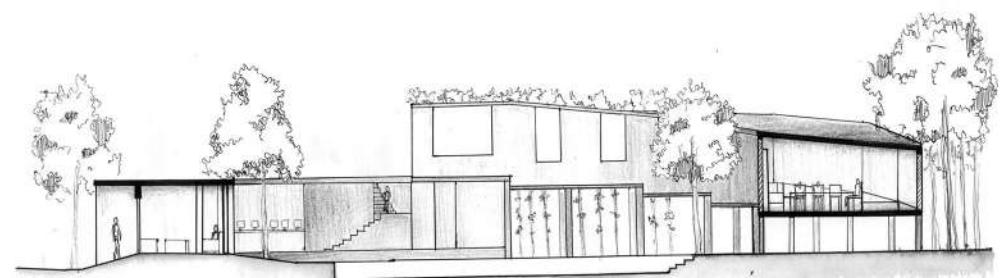
CONCERNs

- Rainwater harvesting
- Source for energy (Windmill)
- Forest area (tall trees)

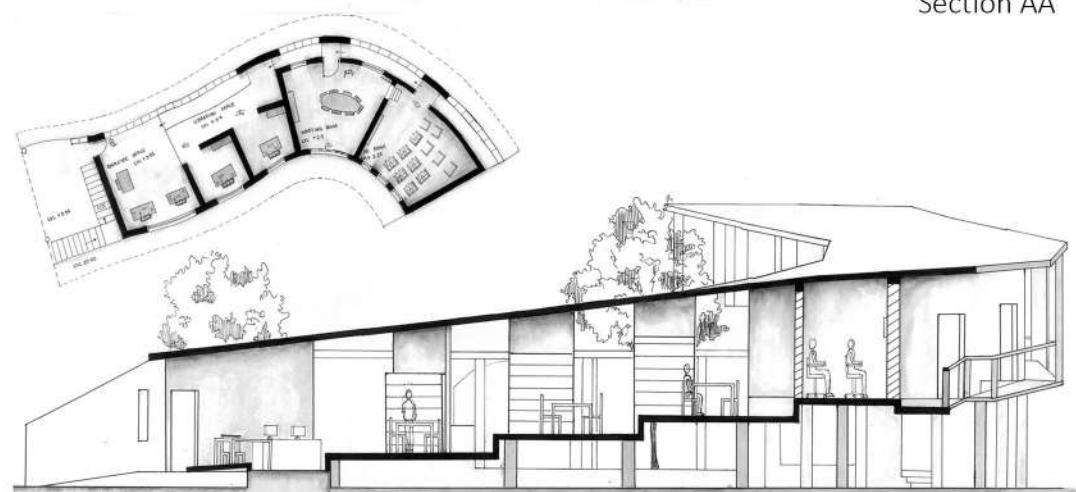




East elevation



Section AA'



02

HIGHER MIG HOUSING

SITE AREA: 17416 Sq mts.
LOCATION: Sevasi, vadodara,
Gujarat
TYPOLOGY: Row house
High rise
Low rise
FSI: 1.6

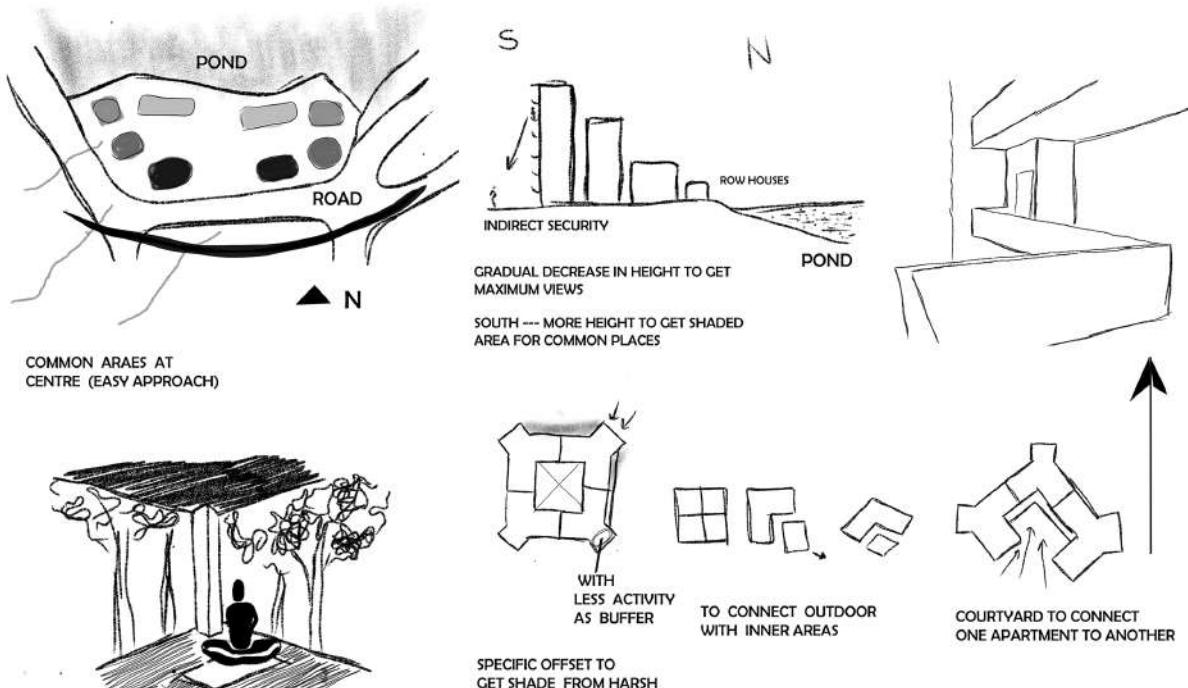
The objective of the project is to look at housing beyond the mere fulfilling of programmatic requirements and deal with many issues like sense of community and spatial expression, the family unit and a sense of identity, adaptability, standardization, technological advancement and new building techniques, constraints of residents related to urban housing in India

10% space to be left for Green area No. of units: 300 -400

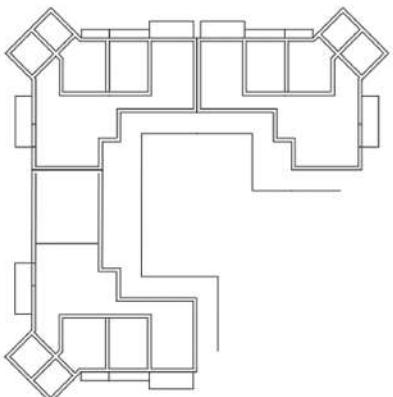
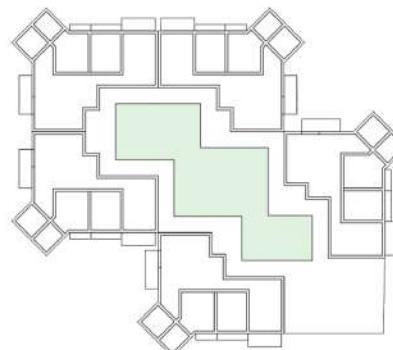
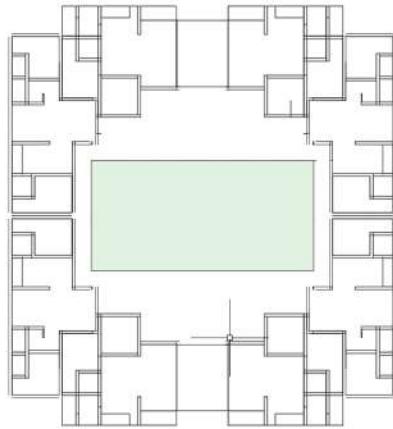




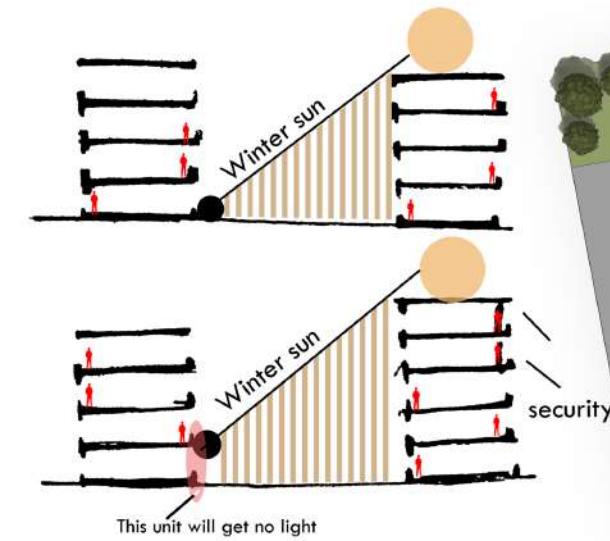
SITE ANALYSIS



CONCEPT



UNIT AND CLUSTER PLAN EXPLORATIONS



Making maximum distance between the building and using it as gathering space



COMMON AMENITIES



SITE PLAN AND TYPICAL FLOOR PLAN



03

PUBLIC LOO

GET COMFORT

SITE AREA: 90 Sq mts,
LOCATION: Sayajibaug, Fatehgunj,
Vadodara, Gujarat

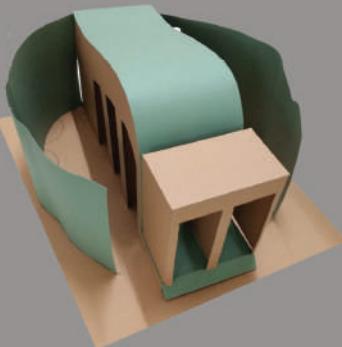
To design the public toilet in garden for the visitors with some different attraction (as it is in entertainment area with comfortability). Focusing on people's activity and knowing their purpose to visit (relax and spend time for freshness). So providing the basic need for human will be the best solution for visitors.

Essentials: FORM, CONTINUITY,
PRIVACY, APPROACHABLE,
COMFORT





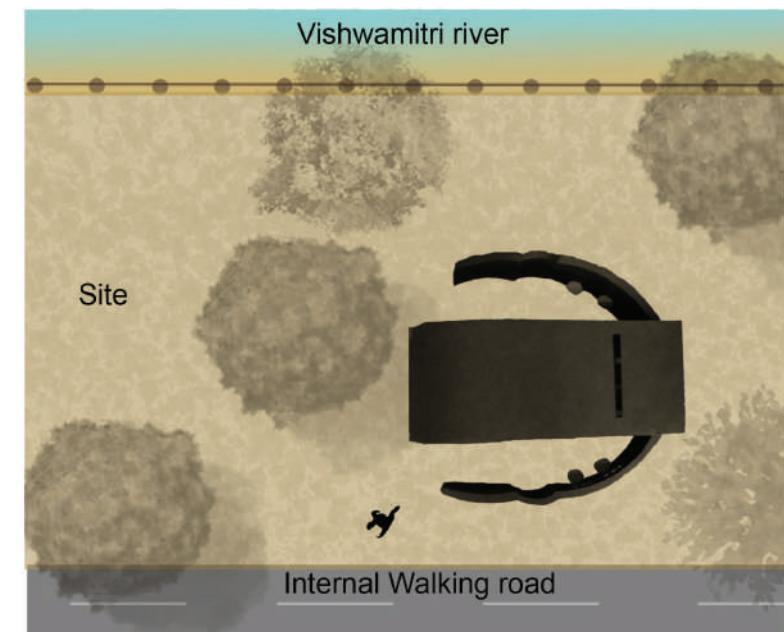
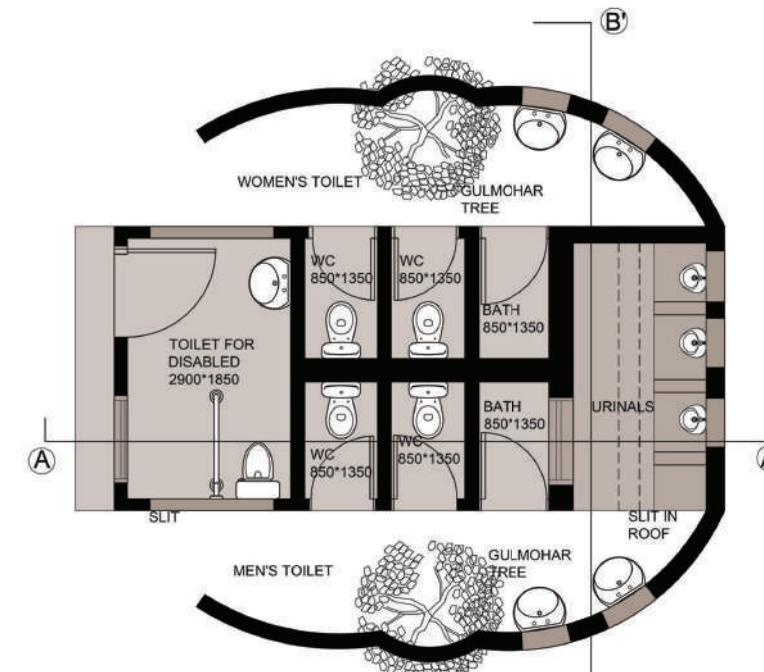
Clay model (Form)



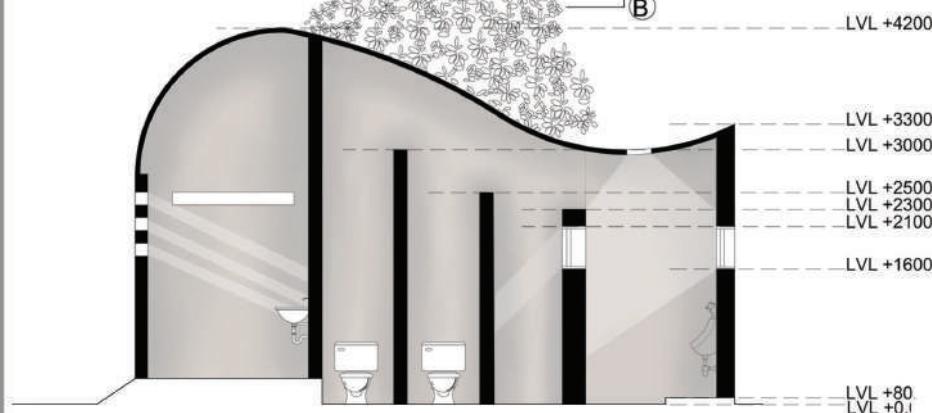
Concept Model (Scale 1: 50)



Final Model (Scale 1:20)



Site in Kamati Baug(Sayaji Baug)

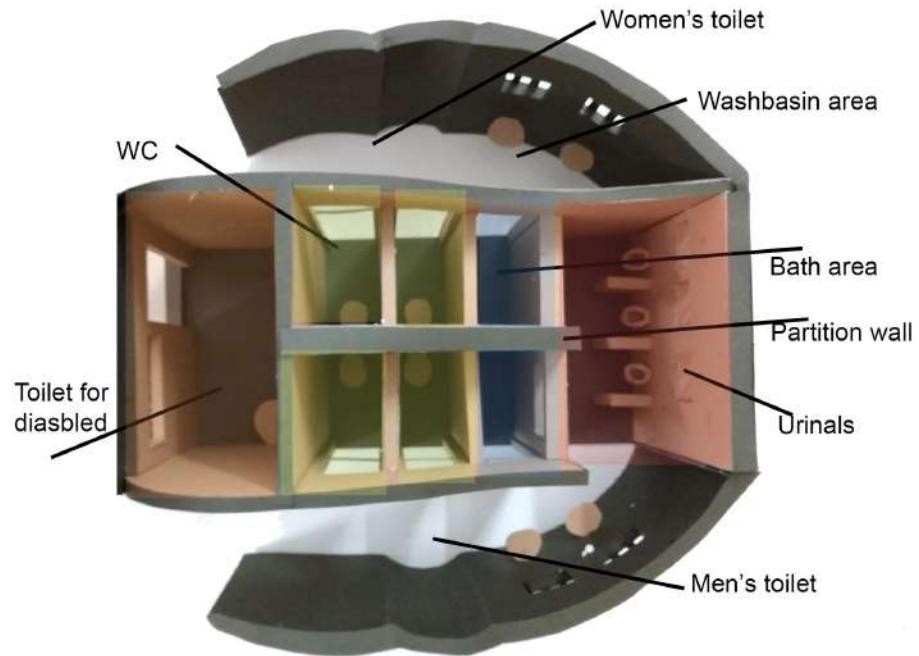


East side view

West side view



Entrance to wc for disabled person



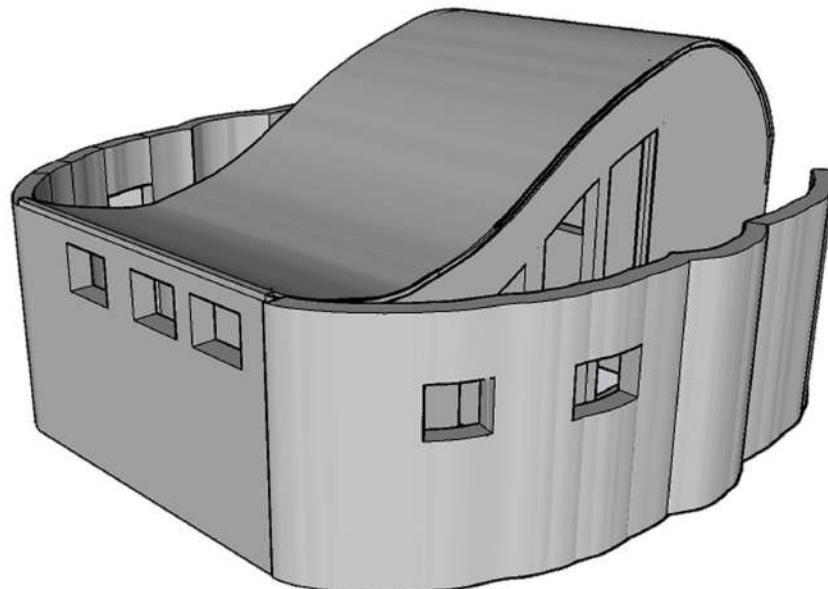
Physical model top view (without roof)



Washbasin area



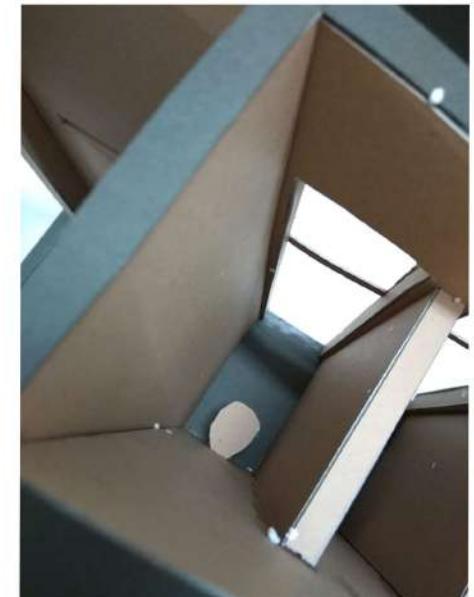
Internal view (Disabled toilet)



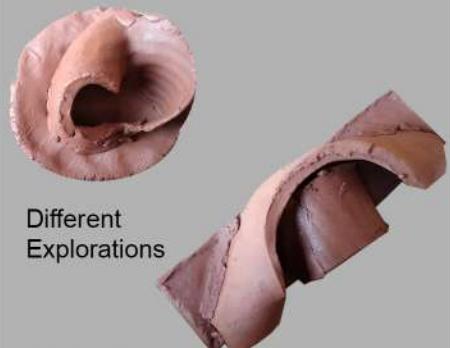
Digital Model



Urinal's Top view



WC's Top view



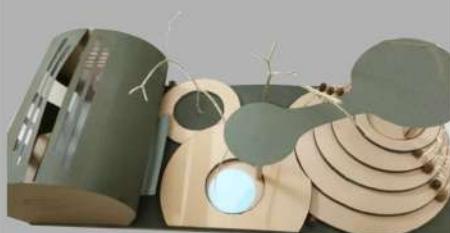
Different Explorations



Clay model (Form)



Concept Model (Scale 1: 50)



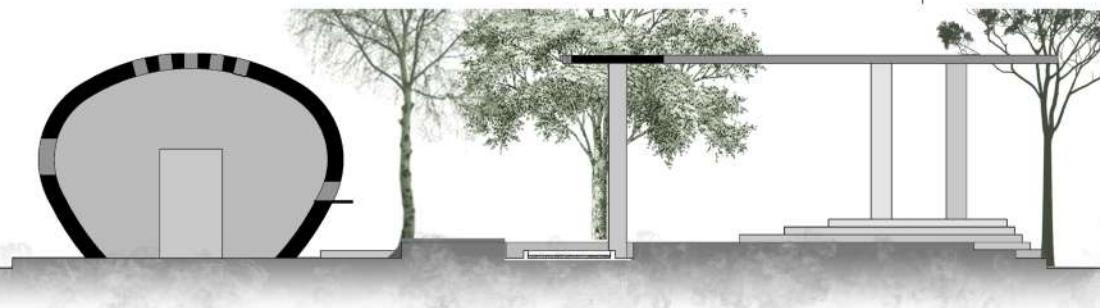
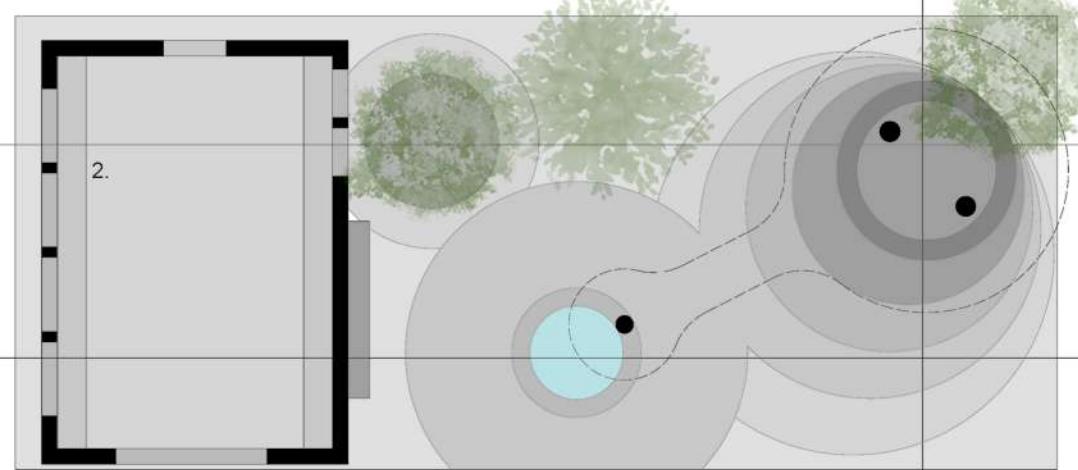
Final Model (Scale 1:20)



Interior View of kitchen (Physical model)



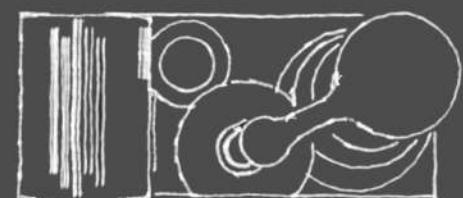
Open sitting space (Physical model)



1. KITCHEN
2.SITTING AREA
3.WATER BODY

04

INSTITUTIONAL CANTEEN
CHAI AND CHILL

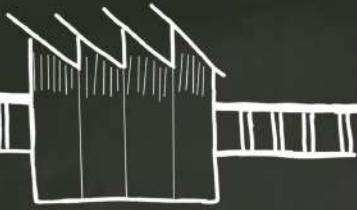


SITE AREA: 172 Sq mts.

LOCATION:Dept. of Architecture,
The M. S. University,
Vadodara, Gujarat

Form follows function .

The shape of form is decided with (keping in mind) people sitting and feeling gathered in a open space with trees and stepped arrangement so playing with the levels in small amount and created a form with a kitchen facility having some connection to sitting.



05

SPORTS CENTRE

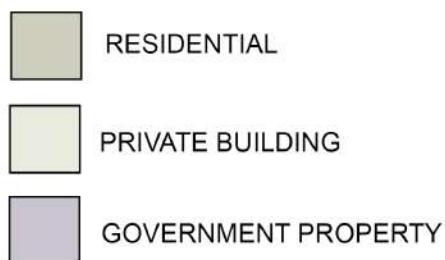
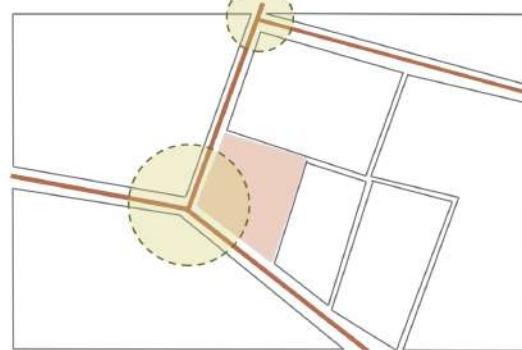
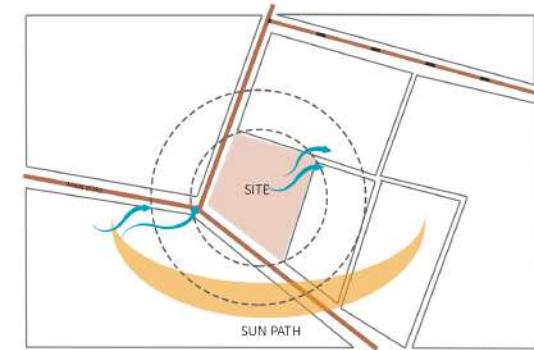
SITE AREA: 6400 Sq mts.

LOCATION: Akota, vadodara,
Gujarat

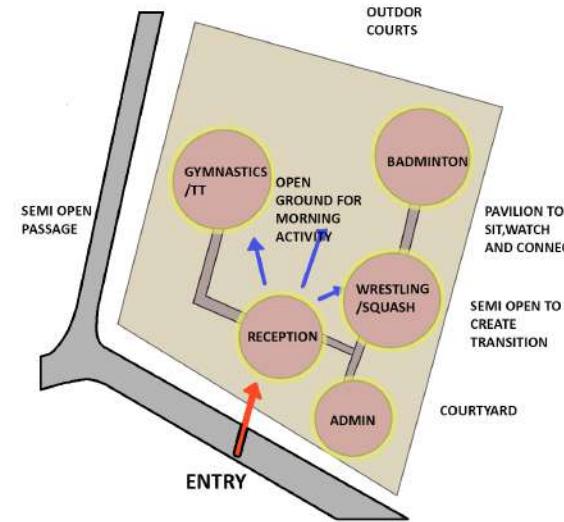
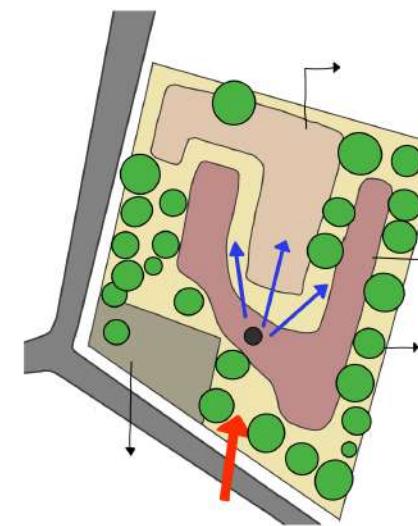
A complex full of energy and enthusiasm with more open and active spaces for the players. So as a focus the main criterias were many like spacious, enough natural light such that it can't obstruct the players with giving good play of light and the openness to the ground is a toping.

Essentials: VERTICALITY,
VOLUMETRIC SPACE,
PAVILION, INTERIOR SPACE
ACOUSTICS

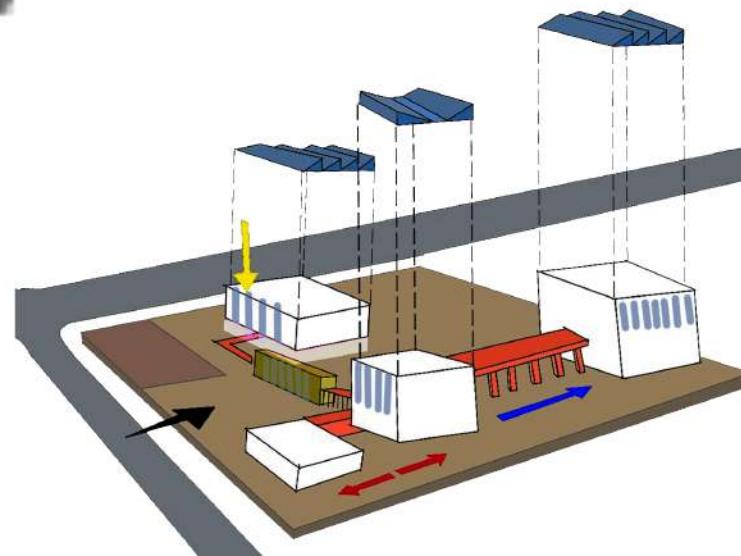




SITE ANALYSIS



DESIGN STRATEGIES



- AUDIENCE ZONE
- Gallery
 - Steps arrangement
 - Cafe attraction
 - Pavilion

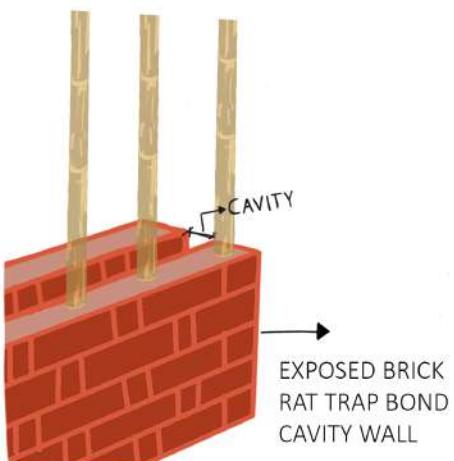
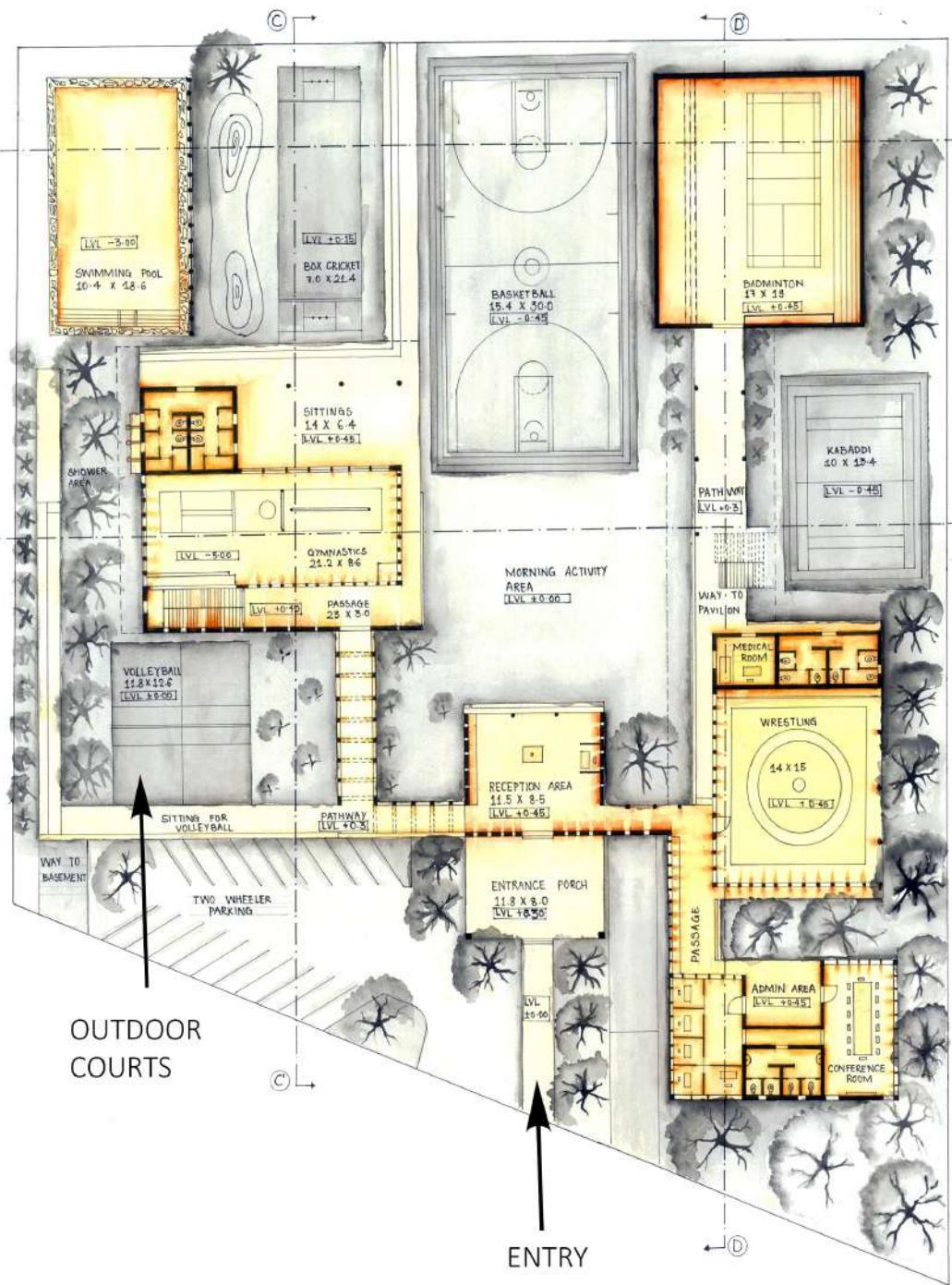
- NATURAL LIGHT
- North light truss

Playing with massing for volumetric spaces and courts arrangement with north-south axis and with specific type of sitting for audience in every court.

- MATERIALS
- Brick, steel, concrete, bamboo

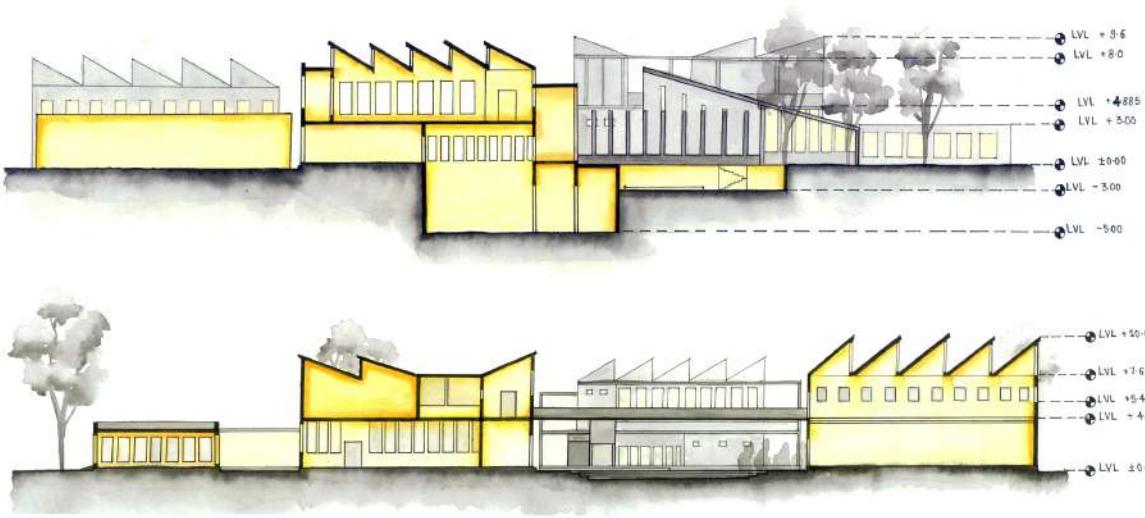


DESIGN STRATEGIES



Materials for wall of some indoor sports

View from passage for gymnastics basement (Slits/bamboo/volume)



ADMIN AREA TO PAVILION



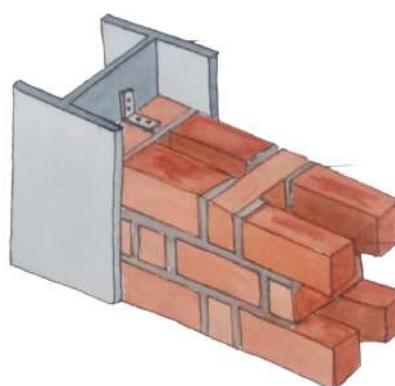
BADMINTON INDOOR COURT- GROUND SITTINGS



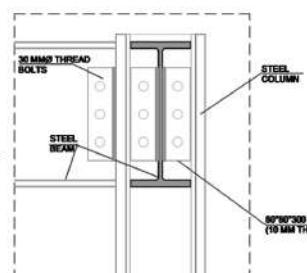
CANTILEVER STAIRCASE (VIEW FROM KABADDI COURT)



OPEN BASKETBALL COURT



PLAN : Steel column to beam connection



SECTION

STEEL COLUMN TO BRICK JOINERY(RAat
trap bond, cavity wall)



VIEW FROM SWIMMING POOL



BADMINTON INDOOR COURT- VIEWING GALLERY

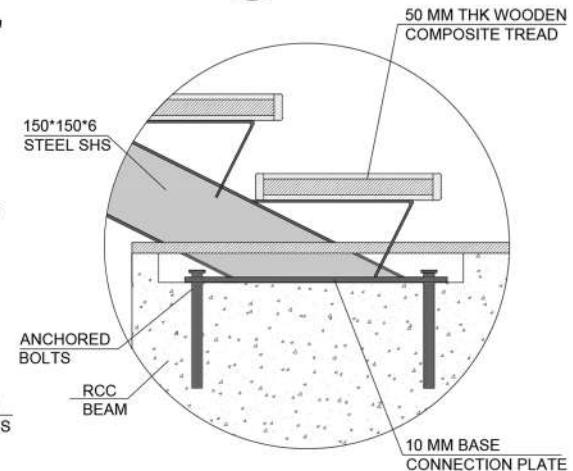
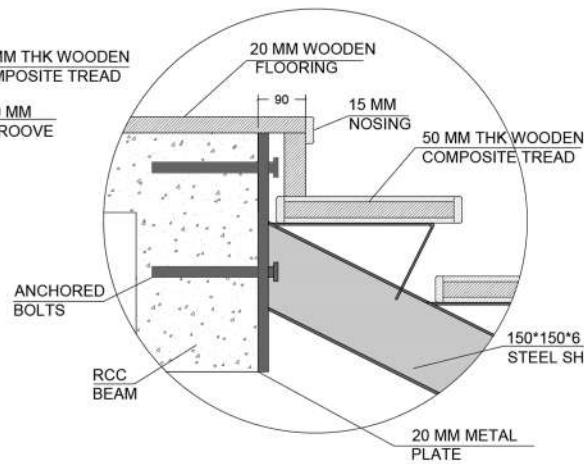
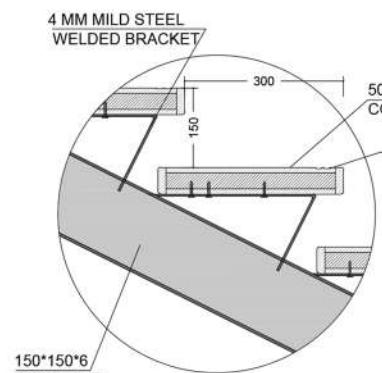
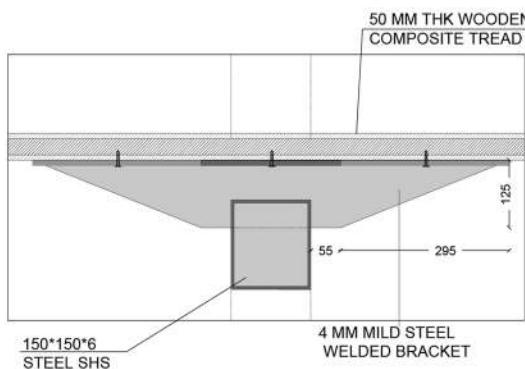
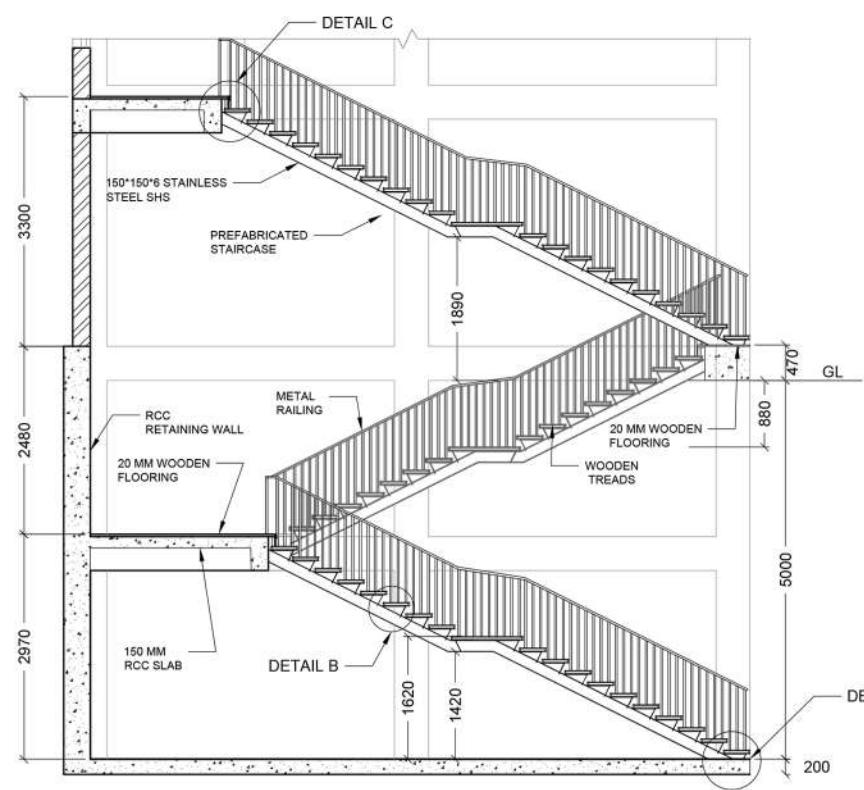
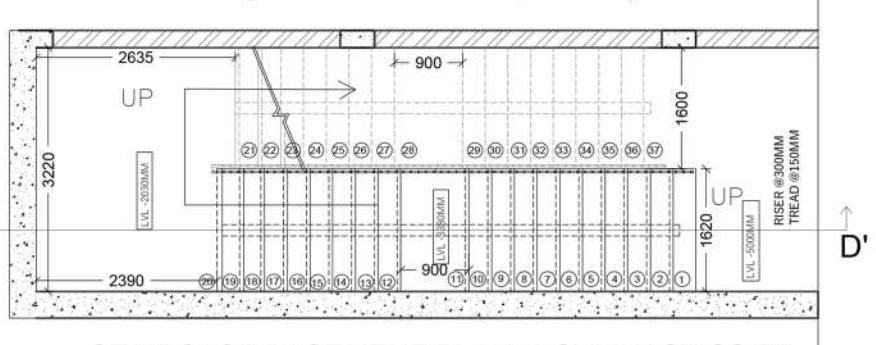
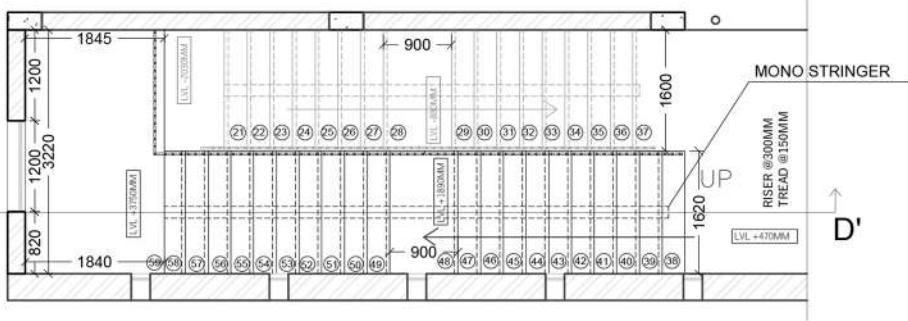


PATHWAY CONNECTING RECEPTION AREA TO GYMNASTICS



CANTEEN IN PAVILION AREA





06
DETAIL @ TREAD TO STRINGER

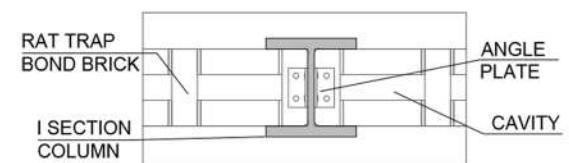
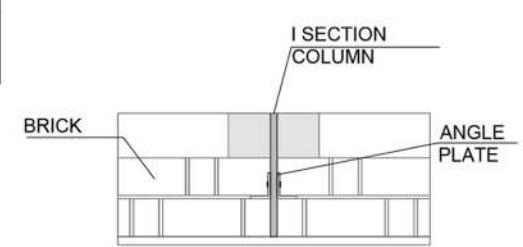
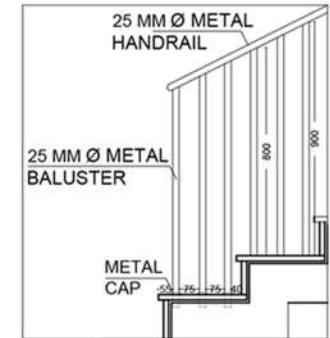
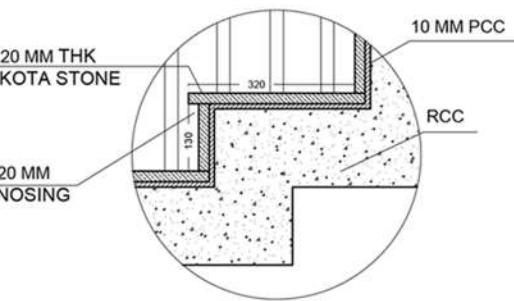
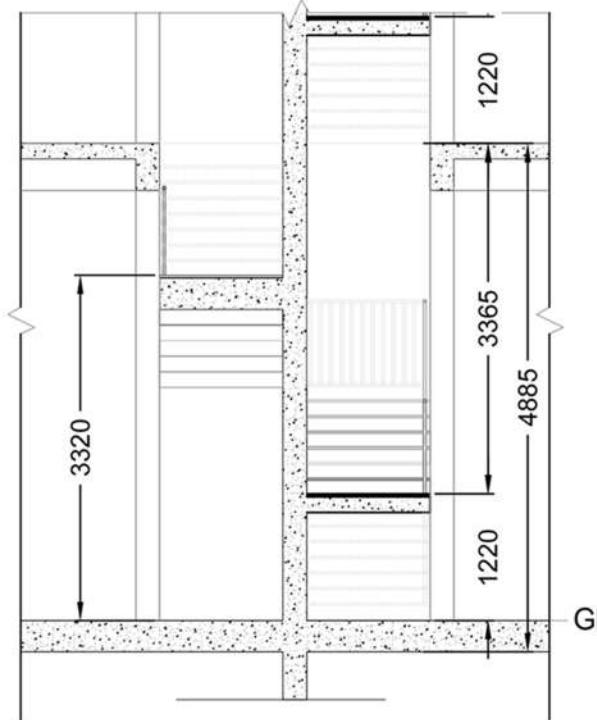
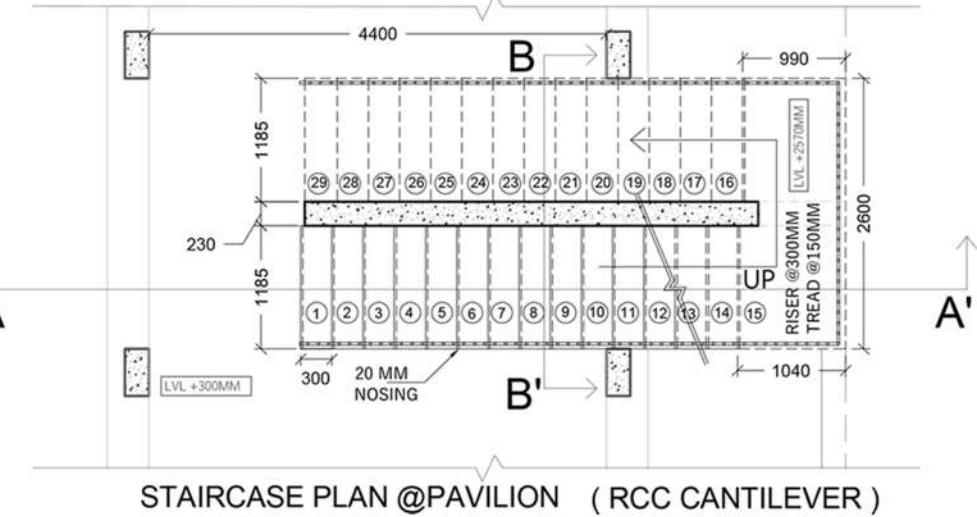
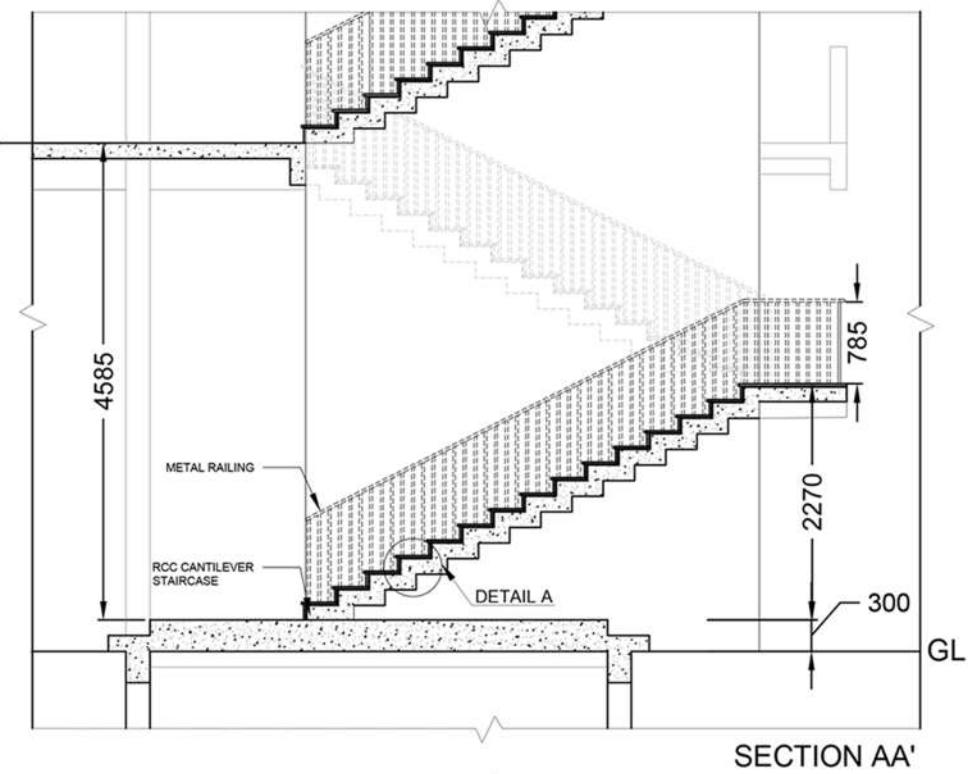
DETAIL B

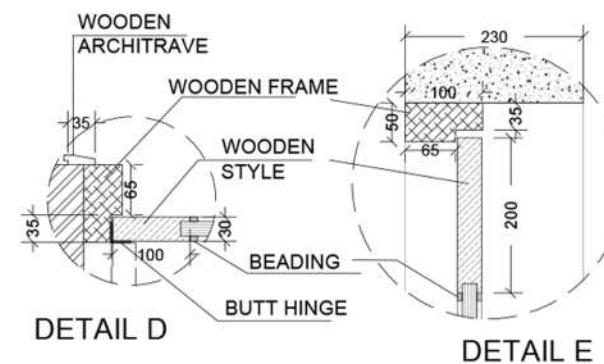
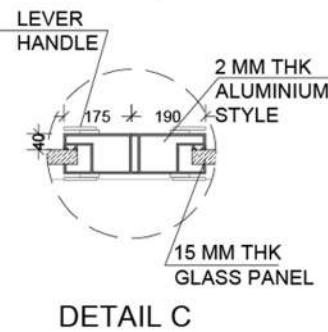
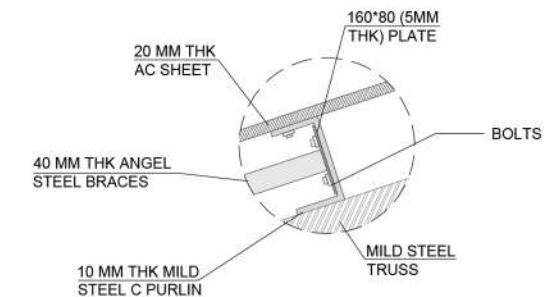
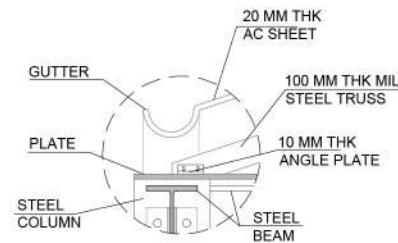
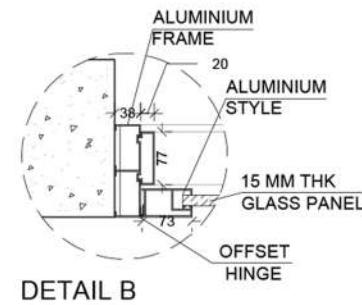
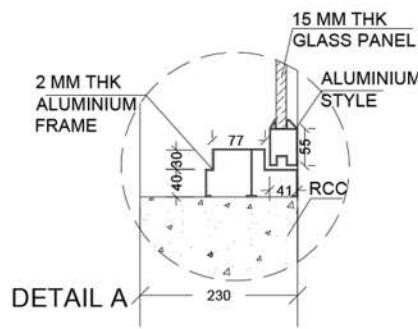
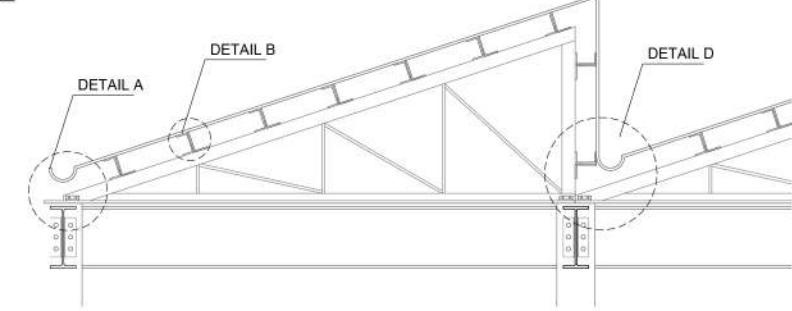
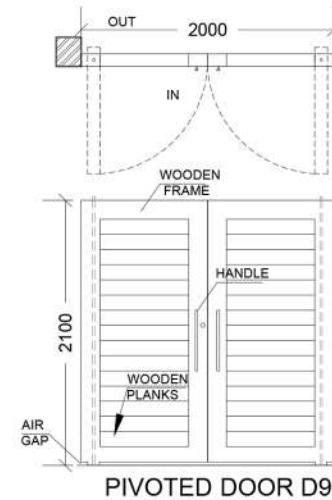
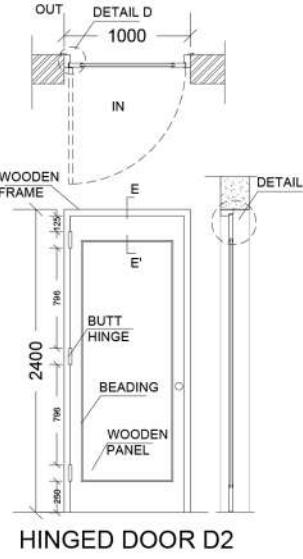
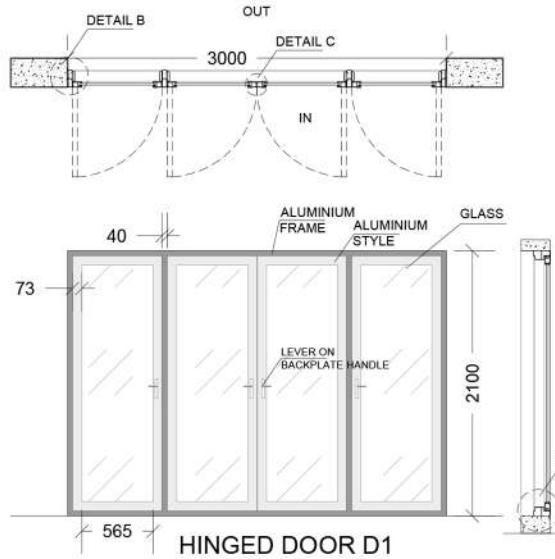
DETAIL D

DRAWING : PREFABRICATED STAIRCASE DETAIL

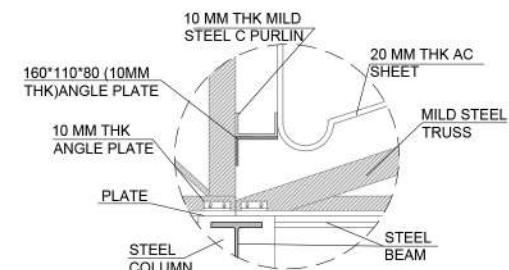
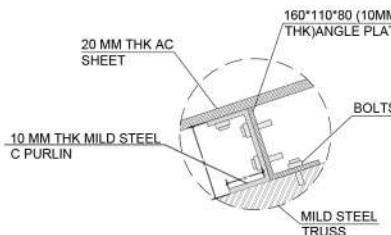
PROJECT : SPORTS CENTRE

WORKING DRAWINGS

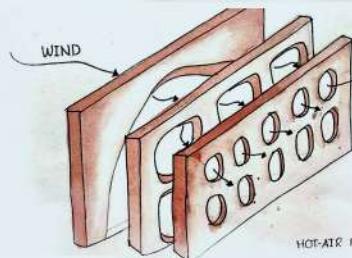
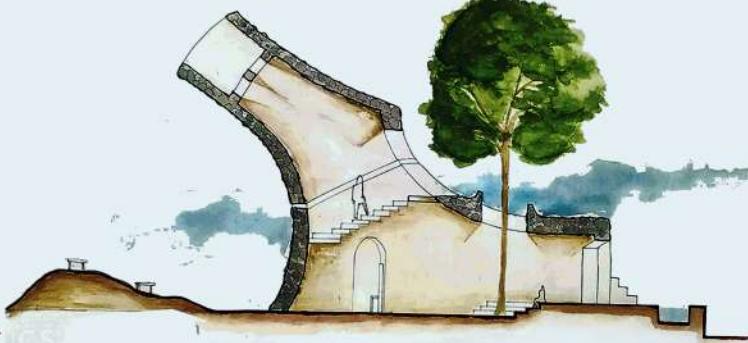
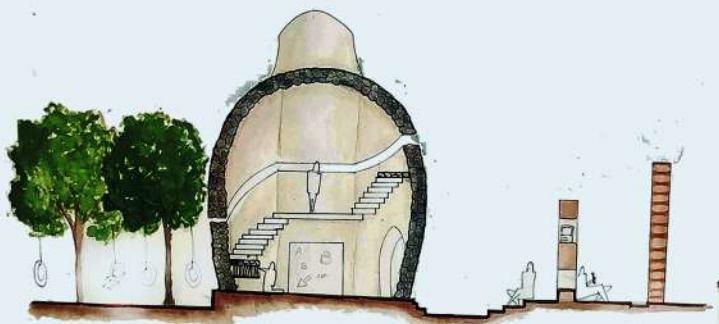
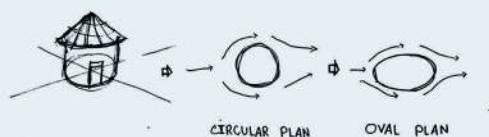
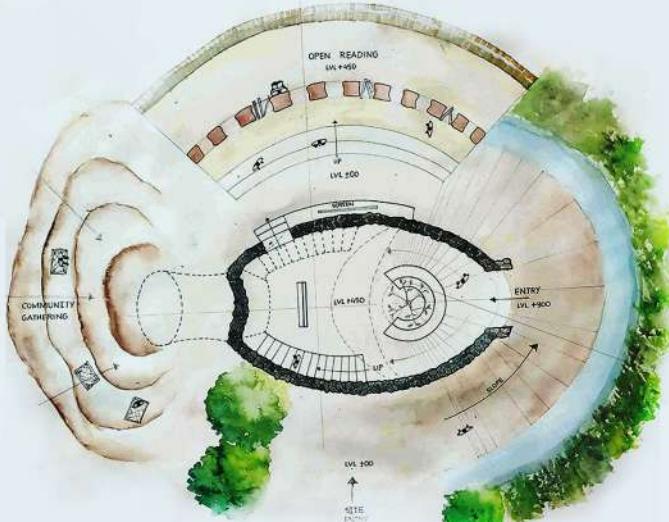
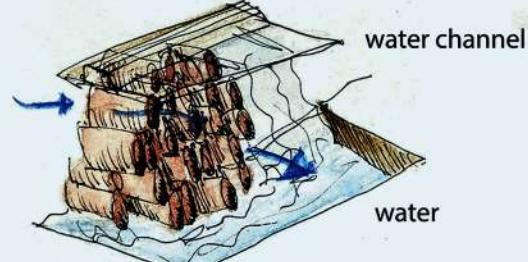
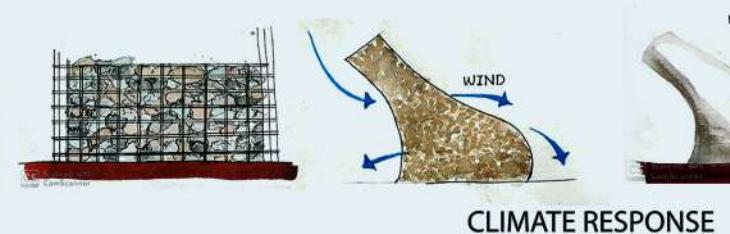
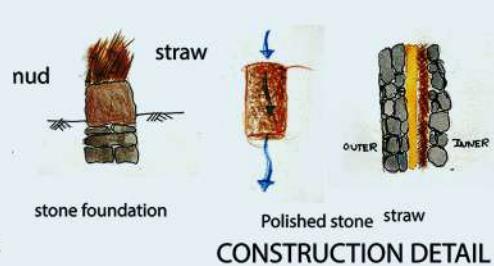
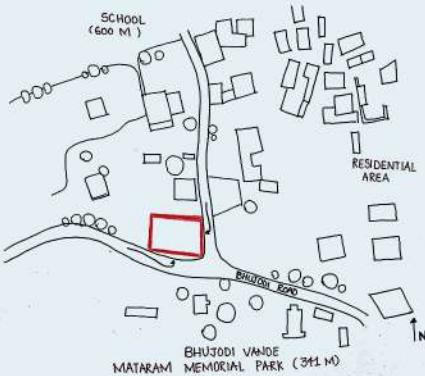




DETAIL E



AVASAR



07

AVASAR (TINY LIBRARY)

VOLUMEZERO COMPETITION (2019)

SITE LOCATION: Bhujodi, near Kutch, Gujarat

An opportunity to create a medium for illiterate and skillful people who can rise by some means of facilities. Non educational users will also get some knowledge by means of screen, visual interaction and ebooks.



ENAMEL WORKSHOP (COPPER PLATE)



CLAY MODELLING WORKSHOP



POP CARVING



BRICK CARVING



ALUMINIUM CIRCULAR FORM DESIGNING



FERROCEMENT WORKSHOP



WOOD CARVING



PAPER PULP WORKSHOP

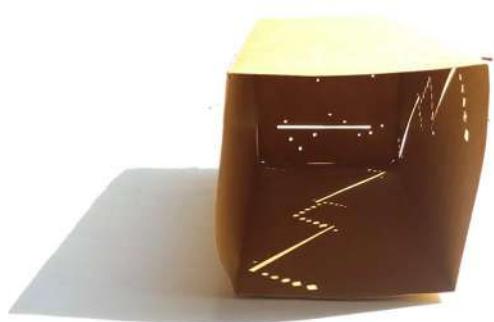
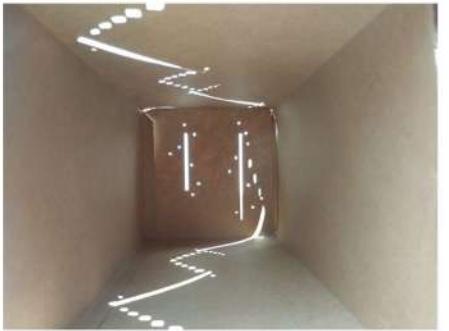


PLAYING WITH LIGHT AND SHADOWS

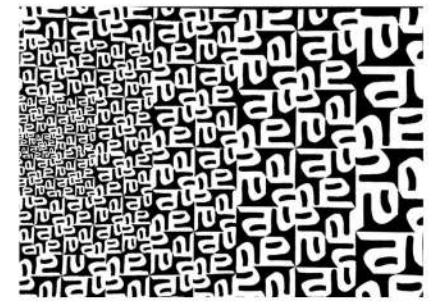


PIXEL POTRAIT ART

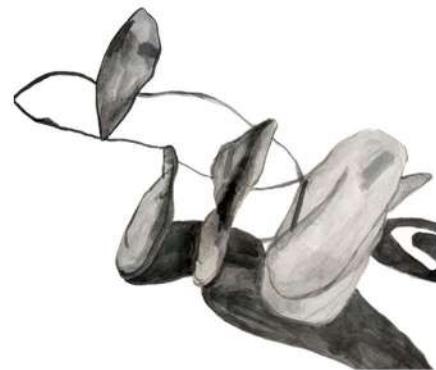
BASIC DESIGN



COMPOSITION AND ABSTRACTION WITH COLORS



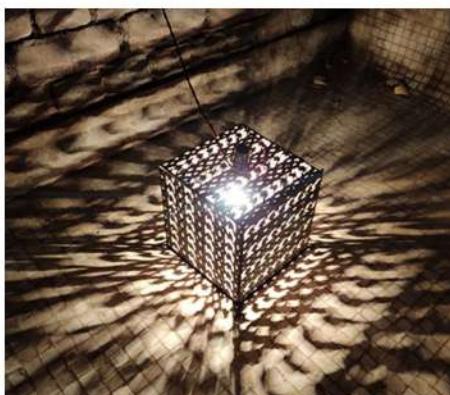
PATTERN EXPLORATION



INK SKETCHING OF WIRE MODEL



USING WATER COLORS



PATTERN LAMP



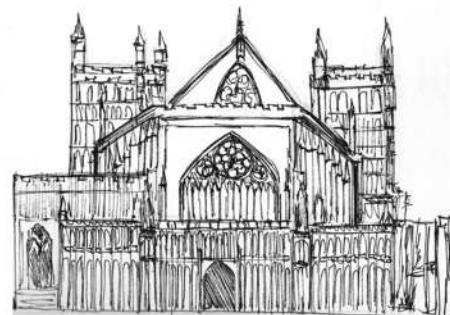
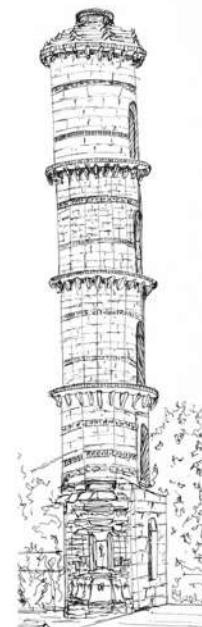
USING POSTER COLORS



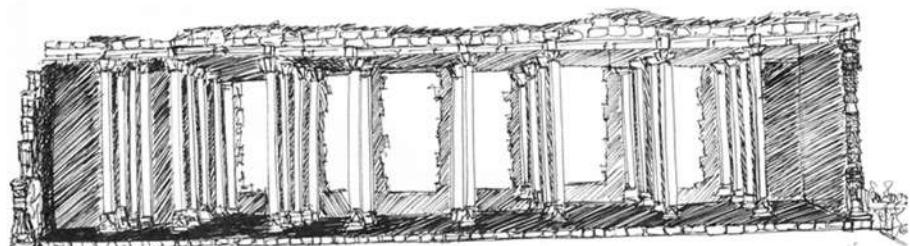
SOCIAL DISTANCING
MODEL



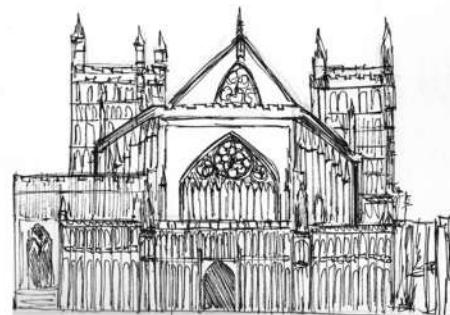
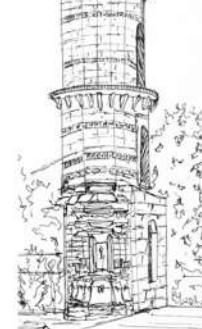
BRIDGE MODELLING



PHOTOGRAPHY



MODEL MAKING



SKETCHES

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