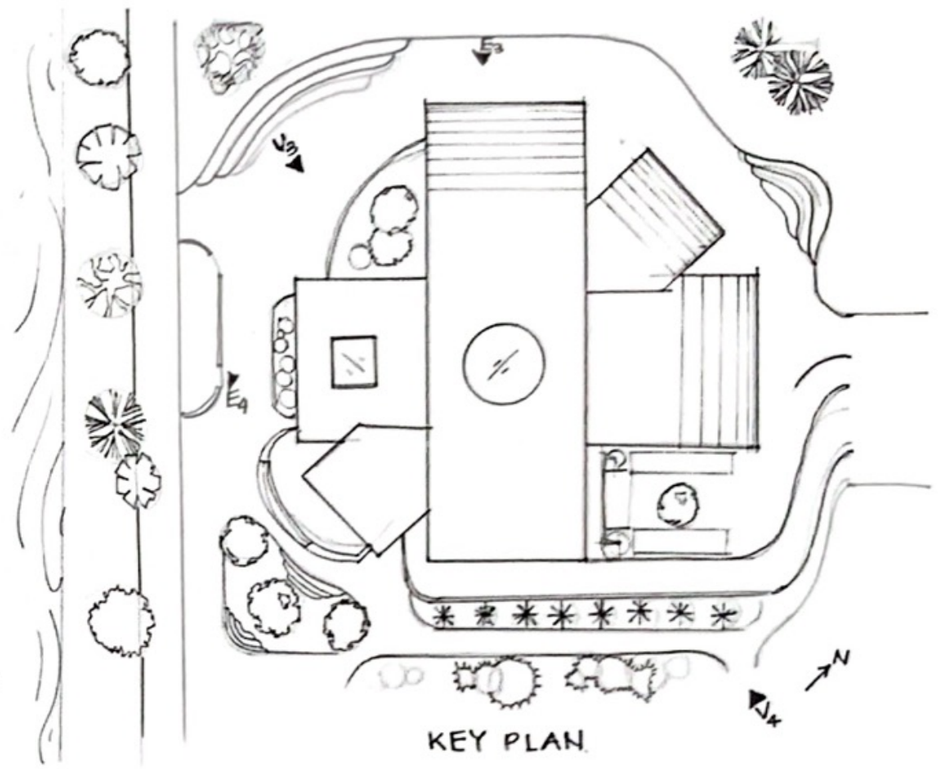
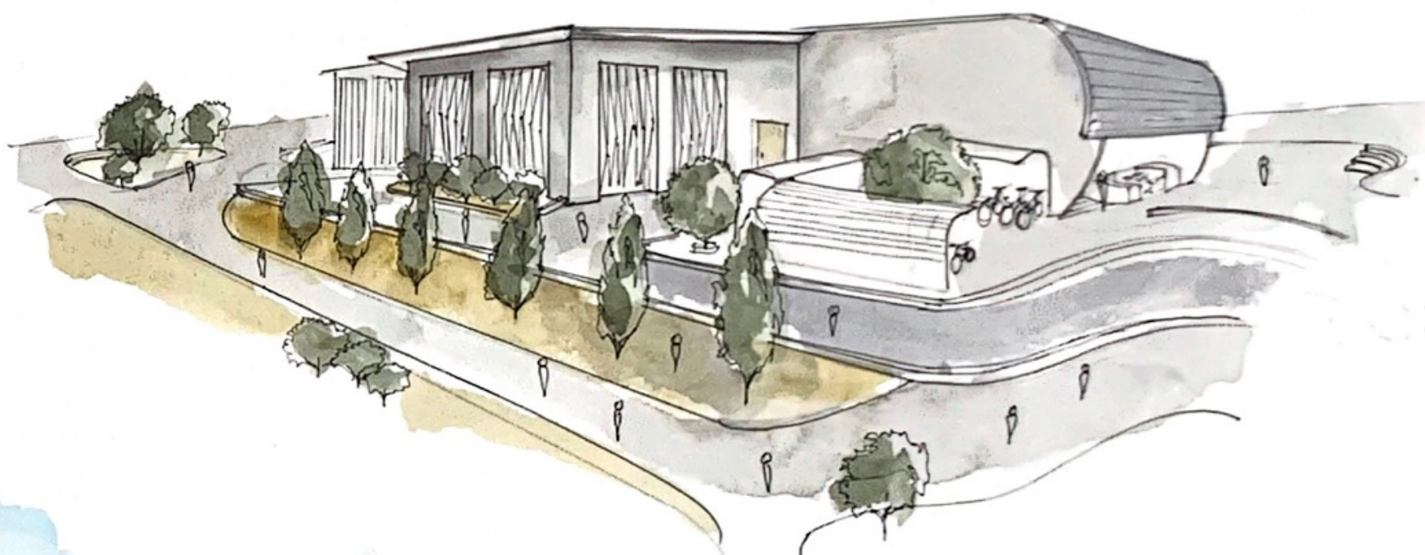
NORTH WEST ELEVATION (E_3)



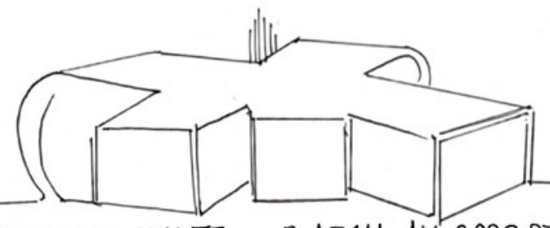
KEY PLAN

VIEW 03



VIEW 04

SOUTH WEST ELEVATION (E_4)



SCALE:-1:100

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ARCHITECTURAL DESIGN STUDIO SEM-03.
L.S. RAHEJA SCHOOL OF ARCHITECTURE

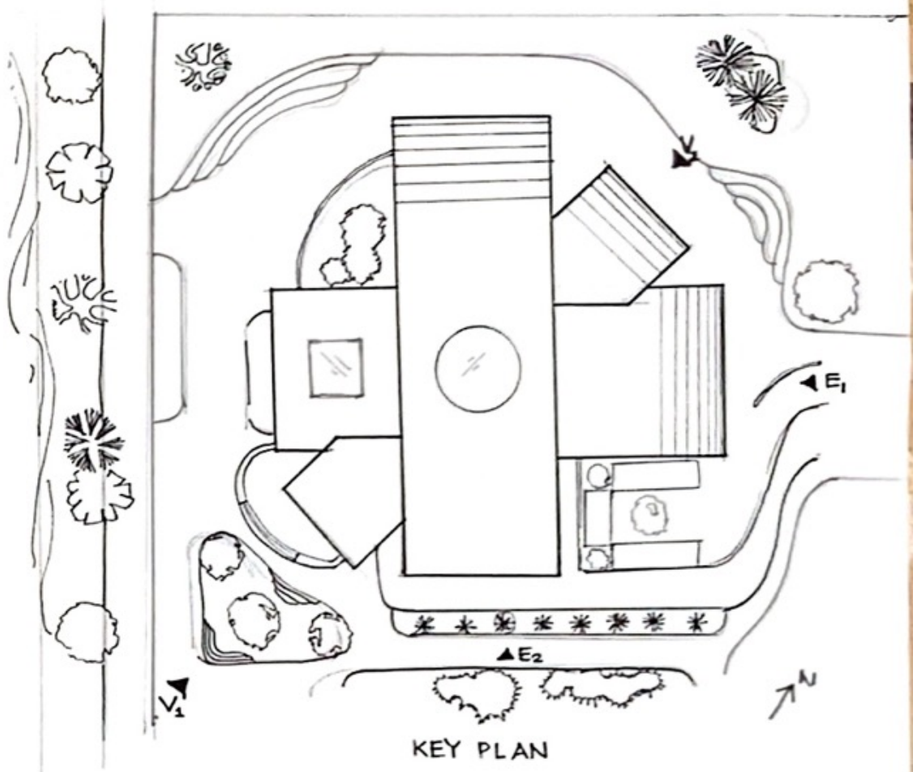
ARCHITECTURAL FORM AND PUBLIC SPACES.

-PROPOSED LIBRARY AT SEAWOODS, NAVI MUMBAI.

This is to certify that ... presented on this worksheet is ... candidate from ... work done from ... to ... time and approved by ...

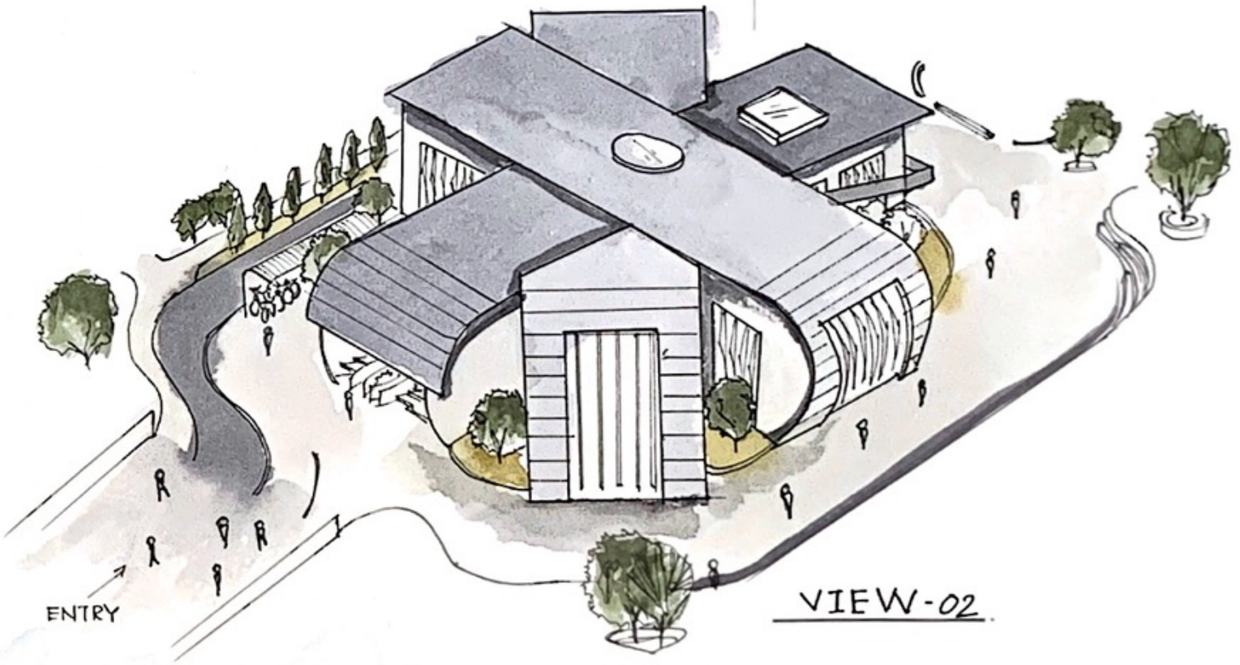
Sign of Faculty
Date:

NORTH EAST ELEVATION(E_1)

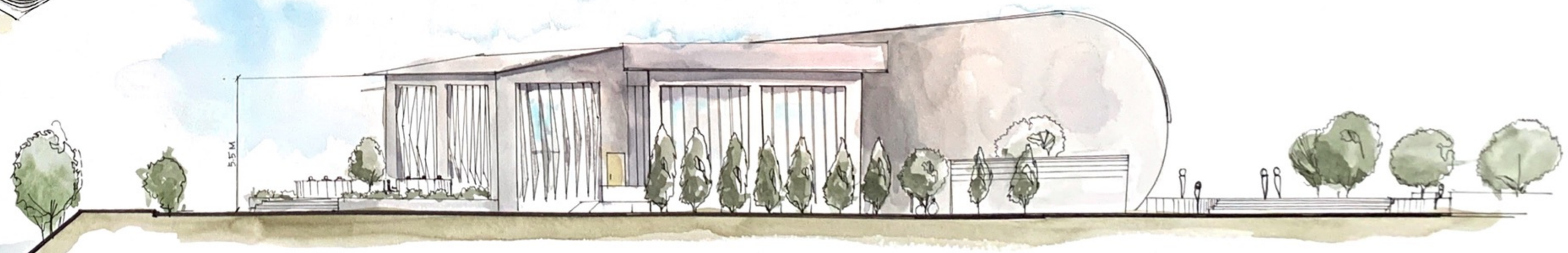


KEY PLAN

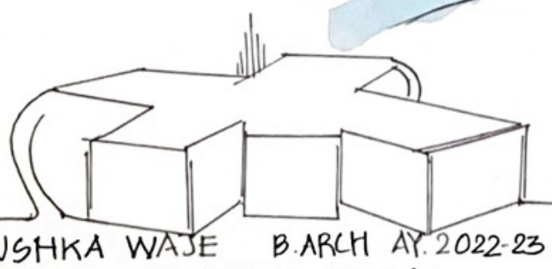
VIEW 01



VIEW-02



SOUTH-EAST ELEVATION(E_2)



SCALE-1:100

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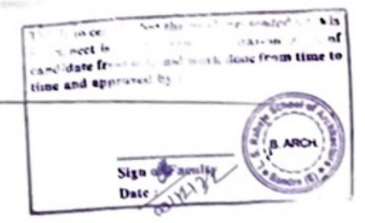
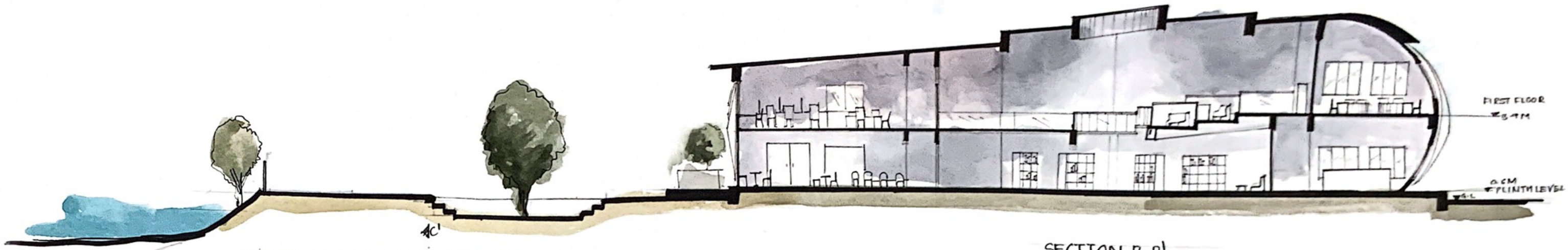
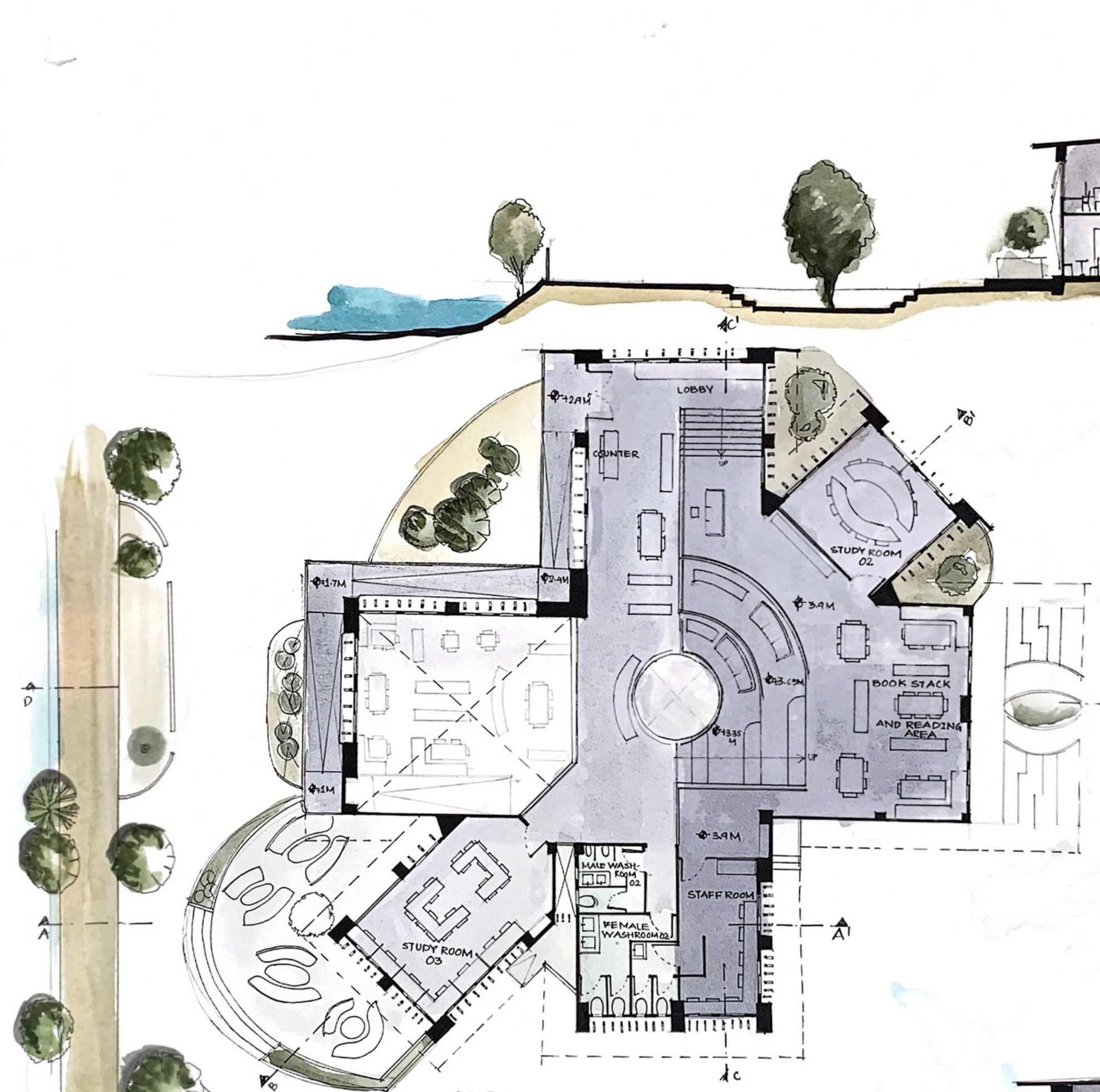
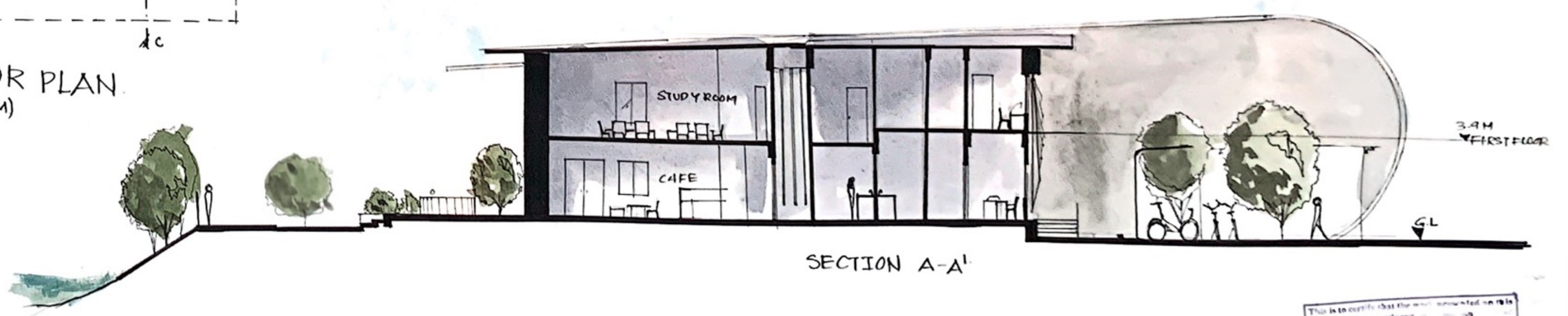




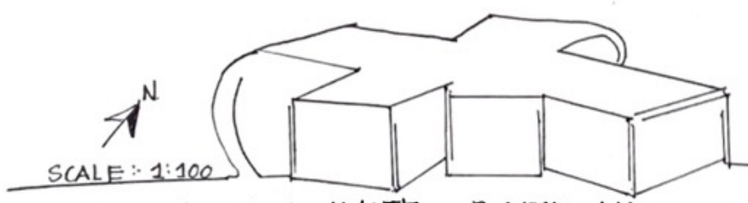
SECTION B-B'



FIRST FLOOR PLAN
(CUT AT 5.2M)



SECTION A-A'



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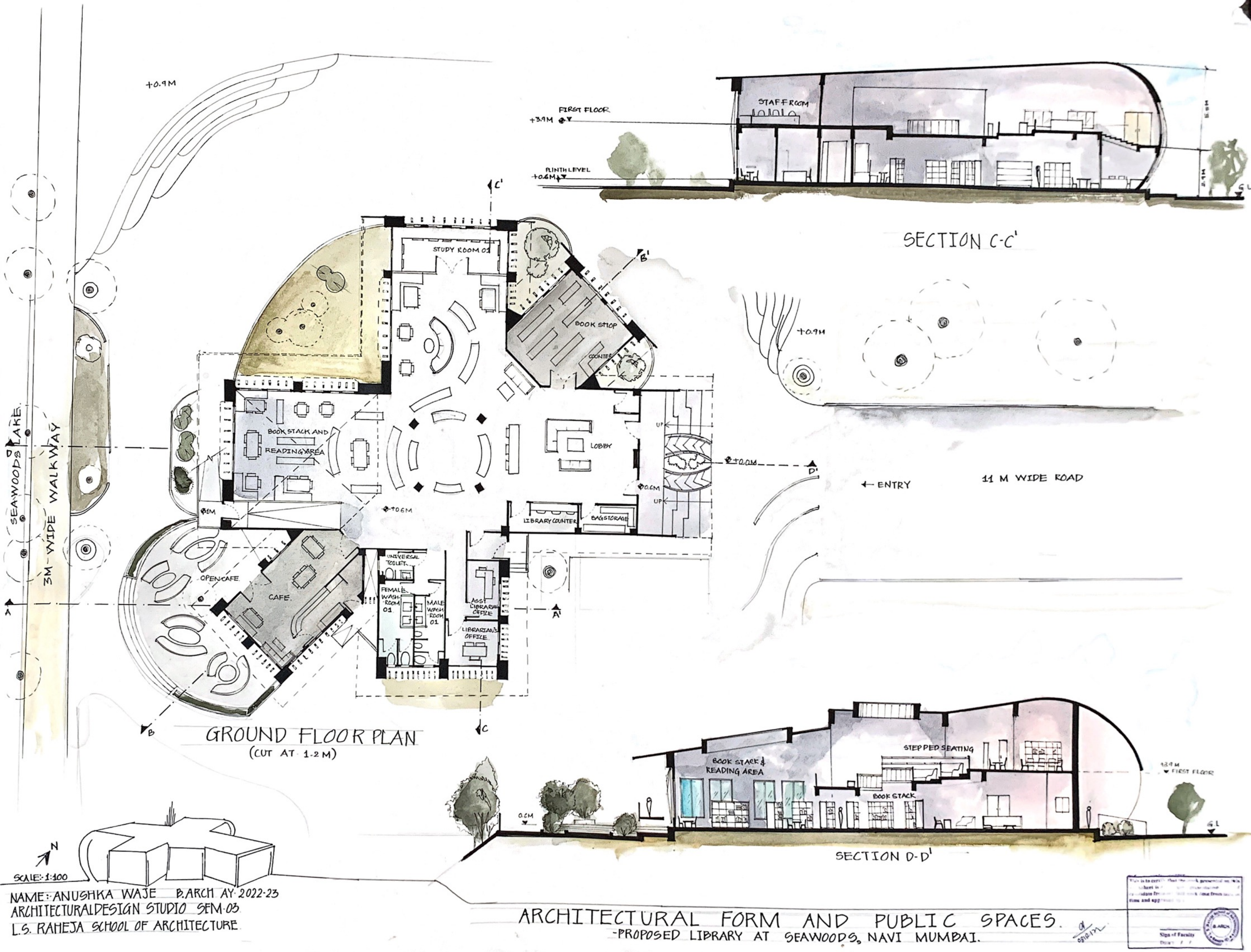
This is to certify that the work incorporated on this worksheet is record of the work done by the candidate from original work done from time to time and approved by

Sign of Faculty
Date



GROUND FLOOR PLAN
(CUT AT 1.2 M)

SECTION C-C'

← ENTRY

11 M WIDE ROAD

SECTION D-D'

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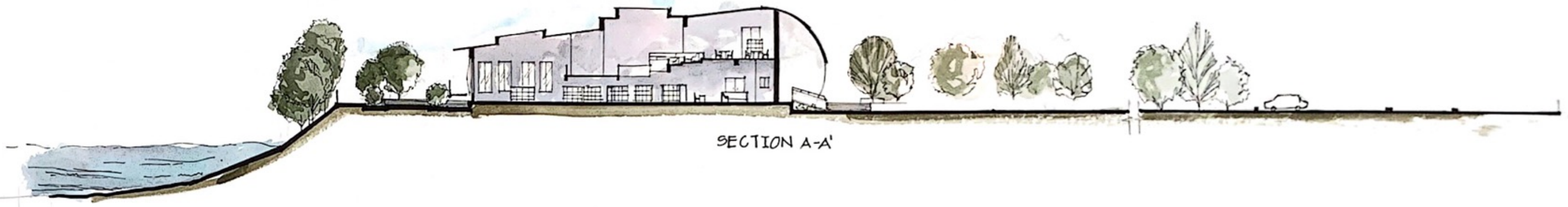
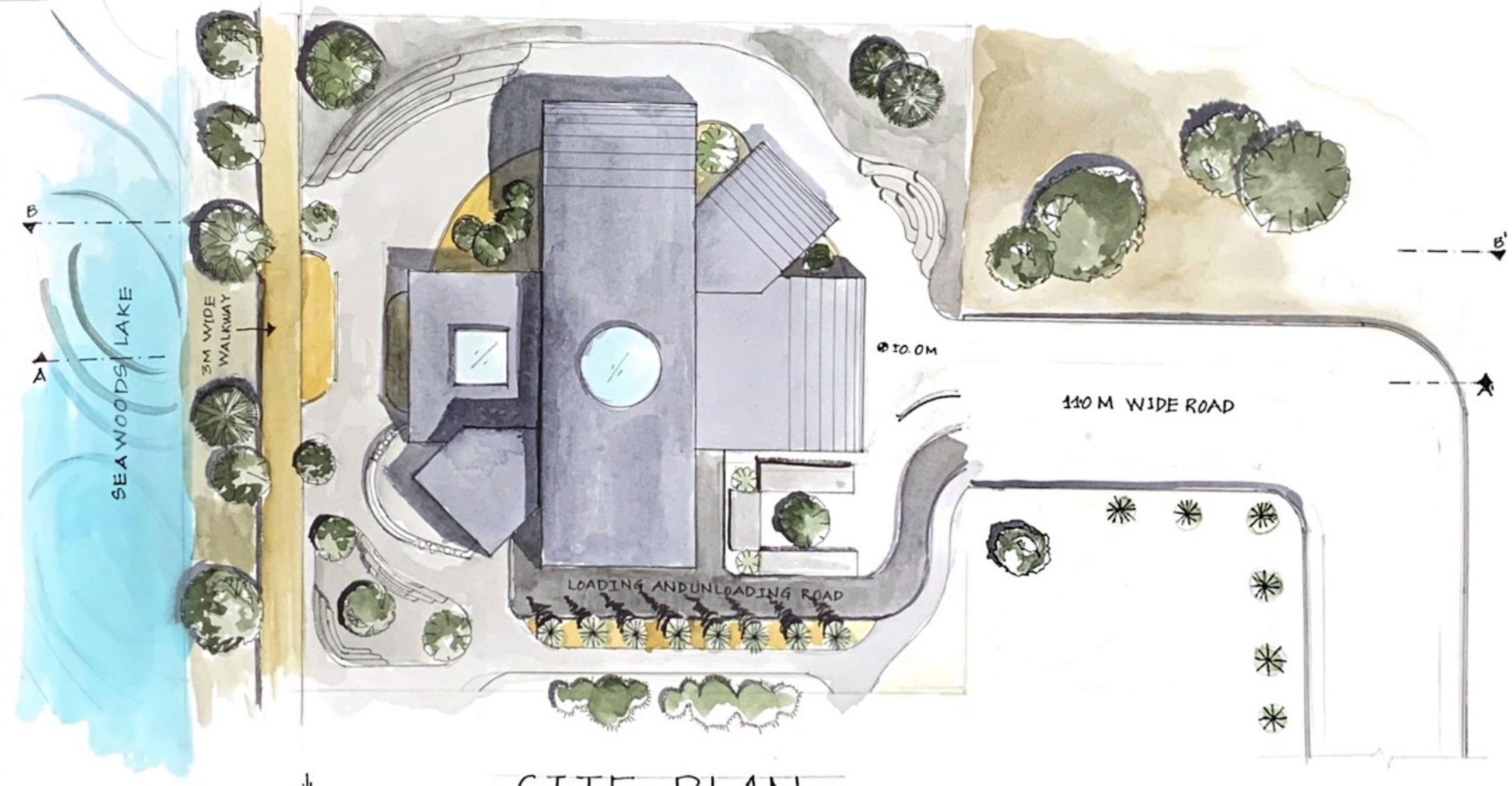
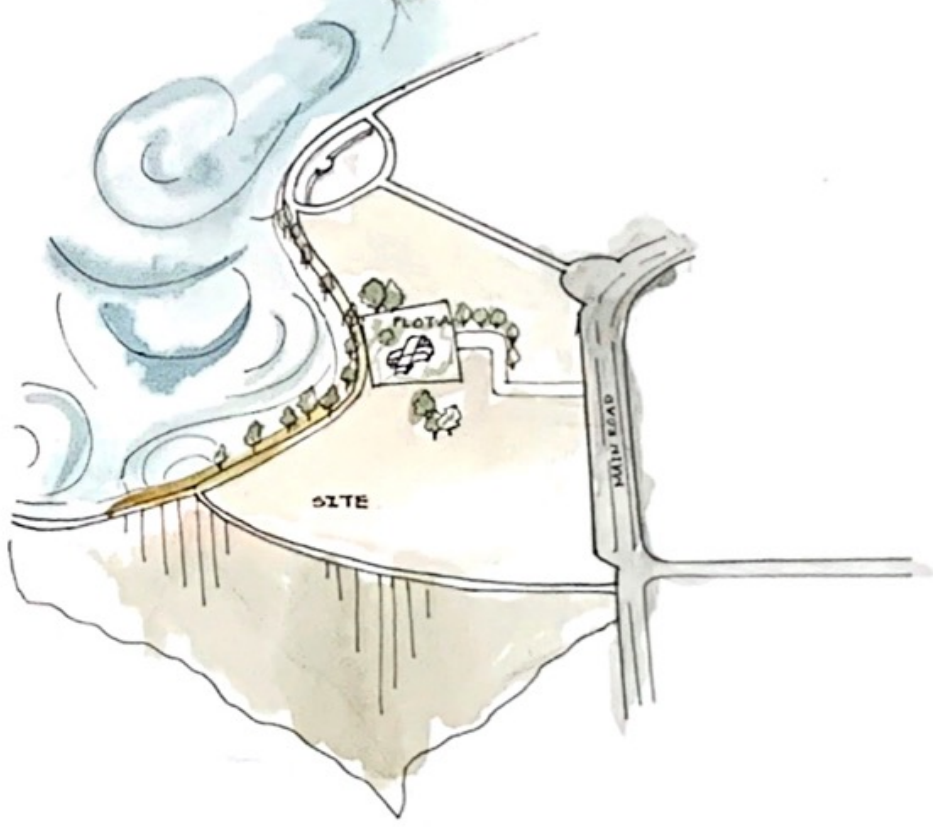
SECTION B-B'



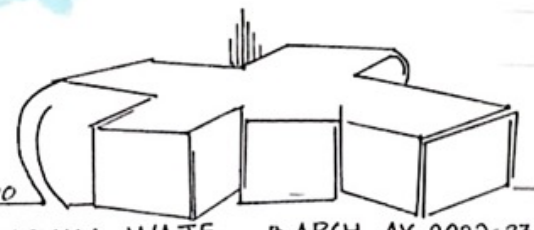
SECTION A-A'



SITE PLAN



AXONOMETRIC VIEW OF SITE



SCALE - 1:200

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ARCHITECTURAL FORM AND PUBLIC SPACES

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CASE STUDIES OF LIBRARIES

PHILLIPS EXETER LIBRARY

- DOUBLE HEIGHT SPACES FOR READING
- LARGE OPENINGS
- SPACE WITHIN SPACE PLANNING
- ENTRANCE

LILAVATI LALDHAI LIBRARY, CEPT UNIVERSITY.

- VOIDS TO GAIN DAYLIGHT AND PROVIDE IT TO BASEMENT FLOORS.
- FINS (PASSIVE STRATEGY) (VERTICAL SHADING DEVICE)
- VENTILATION

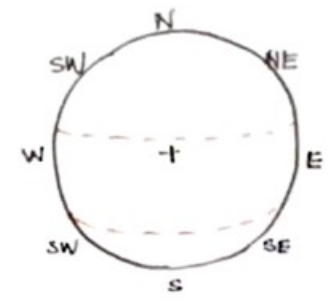
SEATTLE PUBLIC LIBRARY.

- CONCEPT OF THE FORM
- RAMPS CONNECTING BOOKSTACKS ON VARIOUS FLOORS.

CLIMATE ANALYSIS.

HOT & HUMID CLIMATE.

TEMPERATURE → MAY - WARMEST MONTH.
JAN - COLDEST MONTH.



SUNPATH DIAGRAM

RELATIVE HUMIDITY → JULY → HIGHEST AVG. HUMIDITY.
JAN & DECEMBER - LOWEST AVG. HUMIDITY.

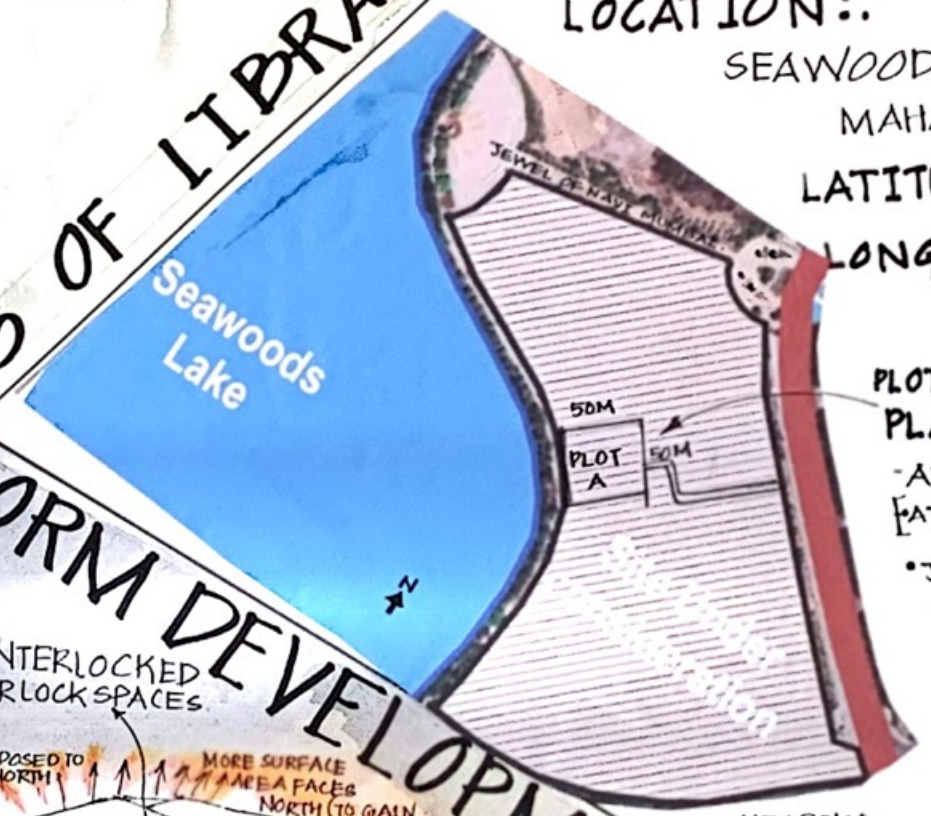
RAINFALL → JULY - WETTEST MONTH
MARCH - DRIEST MONTH.

SITE

LOCATION:.
SEAWOODS, NAVI MUMBAI, MAHARASHTA, INDIA.

LATITUDE:- 19.024

LONGITUDE:- 73.011



PLOT- A (50M X 50M)

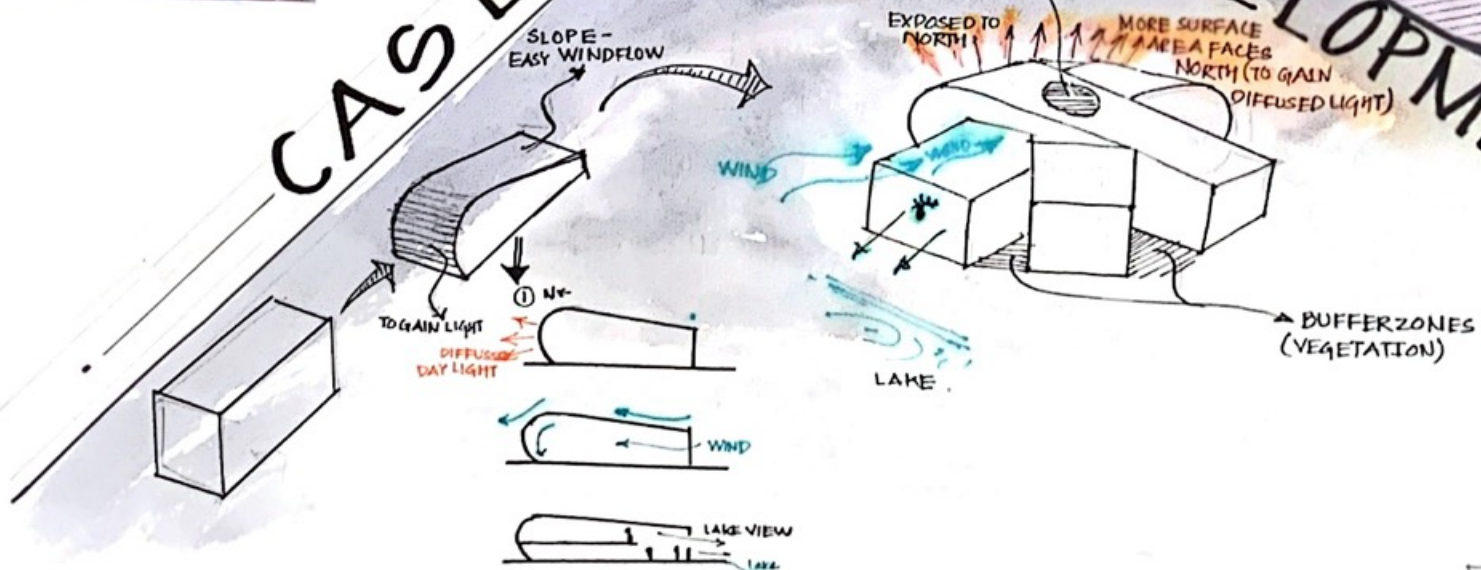
PLACEMENT:

- AT THE MIDDLE OF PLOT LINE OF SITE.
- AT EXTREME BOTTOM, PRESENCE OF GUTTER
- JEWEL OF NAVI MUMBAI (TOP) POPULAR PLACE WHICH LEADS TO CROWDNESS.

NEARBY :-
- SEAWOODS LAKE
- JEWEL OF NAVI MUMBAI
- PALM BEACH ROAD

FORM DEVELOPMENT

FORM - INTERLOCKED
- TO INTERLOCK SPACES



SITE ANALYSIS

VEGETATION
- ARECA NUT TREE
- ALMOND TREE
- GULMOHAR TREE

TOPOGRAPHY - FLAT.

SECTION (1:500 SCALE)

STRENGTH
- CALM & SOOTHING
- LAKE VIEW
- PLEASANT

WEAKNESS
- GUTTER

OPPORTUNITES
- STRUCTURES WHICH NEEDS CALM ENVIRONMENT FOR EG SCHOOL, LIBRARIES, MEDITATION CENTRES, ETC

THREATS
- FLOODS
- CROWD AT JEWEL OF NAVI MUMBAI.

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