

2ndsem

Dream house

Introduction- One's ideal residence. A dream of a home that will not only fulfill his functional needs and accommodate his family, but also will satisfy his deepest desires, even those rising from his subconscious. On one hand his love for the old, the classic and the antiques and on the other hand his appreciation for contemporary architecture, simple geometric forms, the sense of purity and color.

DESIGN BRIEF

AIM: To use design as a tool for permanent construction for understanding relationship between occupied and non-occupied spaces.

Design dream house on the architecture style of particular state by studying methods and styles of Indian states.

OBJECTIVES: To understand use of space, form for desired built environment.

To understand circulation of public for smooth arrangement with permanent construction.

Design Requirements:

1. Bedroom *2
2. Living area
3. Dining area
4. Kitchen
5. Store
6. Parking.

Site Development Norms: -

- Site Area – 100 Mt. Sq.
- The Minimum Setback Is –
 - Front – 9 M, Side – 6m, Rear – 6m
- The Maximum Permissible Height Is 10 M.

❖ Note: -

- The Areas Shall Be Worked Out Based on Occupancy and Furniture Layout.
- The Complex Should Be Barrier-Free Design for The Differently Able Person.

Studio Proceeding Schedule: -

Design Stages, Deliverables, And Assessment:

Total Internal Marking - 150 Marks, Midterm Marking- 30 Marks

1- Data collection- 29 April 2021

Study of vernacular style architecture, standards, books, and online references of understanding the design problem and building typology.

Deliverable – A1 size manual sheets

Individual work - 10 Marks

2- Literature case study – 2 may 2021

Deliverable – manual sheets and ppt

Individual work - 10 Marks

3- Site Analysis – 10 may 2021

Detailed Site Analysis. The Site Analysis should enable each student to take clear design decisions at the idea/concept stage.

Site Model (at an urban scale with clear context/ edge references, 1:500)

Deliverable – A1 size manual sheets / models, and ppt

individual work - 10 Marks

4- Concept development 20 may 2021

Arriving at a conceptual framework of spatial design, site development, form, placement, orientation, circulation horizontal/ vertical stacking of activities, structural framework, and elevational design.

Students will be expected to develop iterations of form to support their concept. The concept derivation must be based on some architectural philosophy and must relate to the building typology and site requirements.

Deliverable – A1 size manual sheets and block models

Individual work - 30 Marks

5- Architectural Design – Single line 30 may 2021

Designed Details include the Site Plan, All Floor Plans, Sections & Elevations.

Deliverable sheets - A1 size sheets

Individual work - 20 Marks

9- Pre-Final Submission –05 June 2021

Deliverable – A1 size -Final sheets, and model

Individual work - 30 Marks

10-Final Submission 13 June 2021

Deliverable – A1 size -Final sheets, report, and model

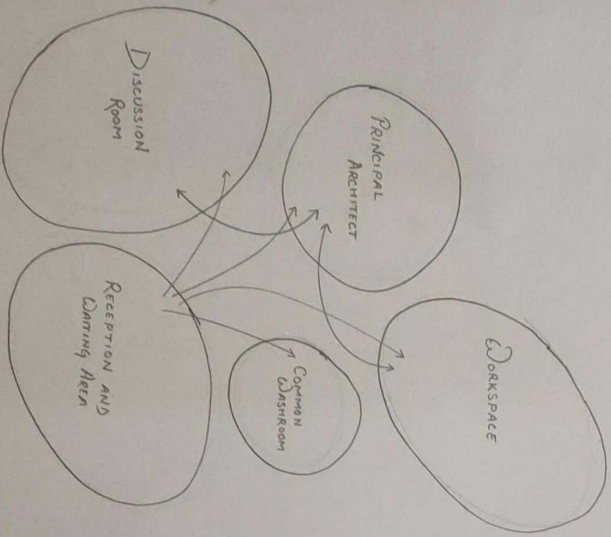
Individual work - 40 Marks

Final Drawing requirements: -

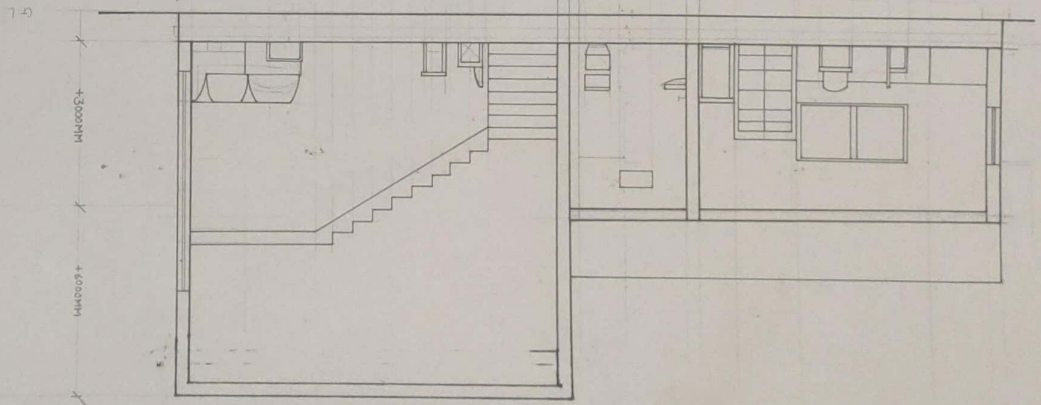
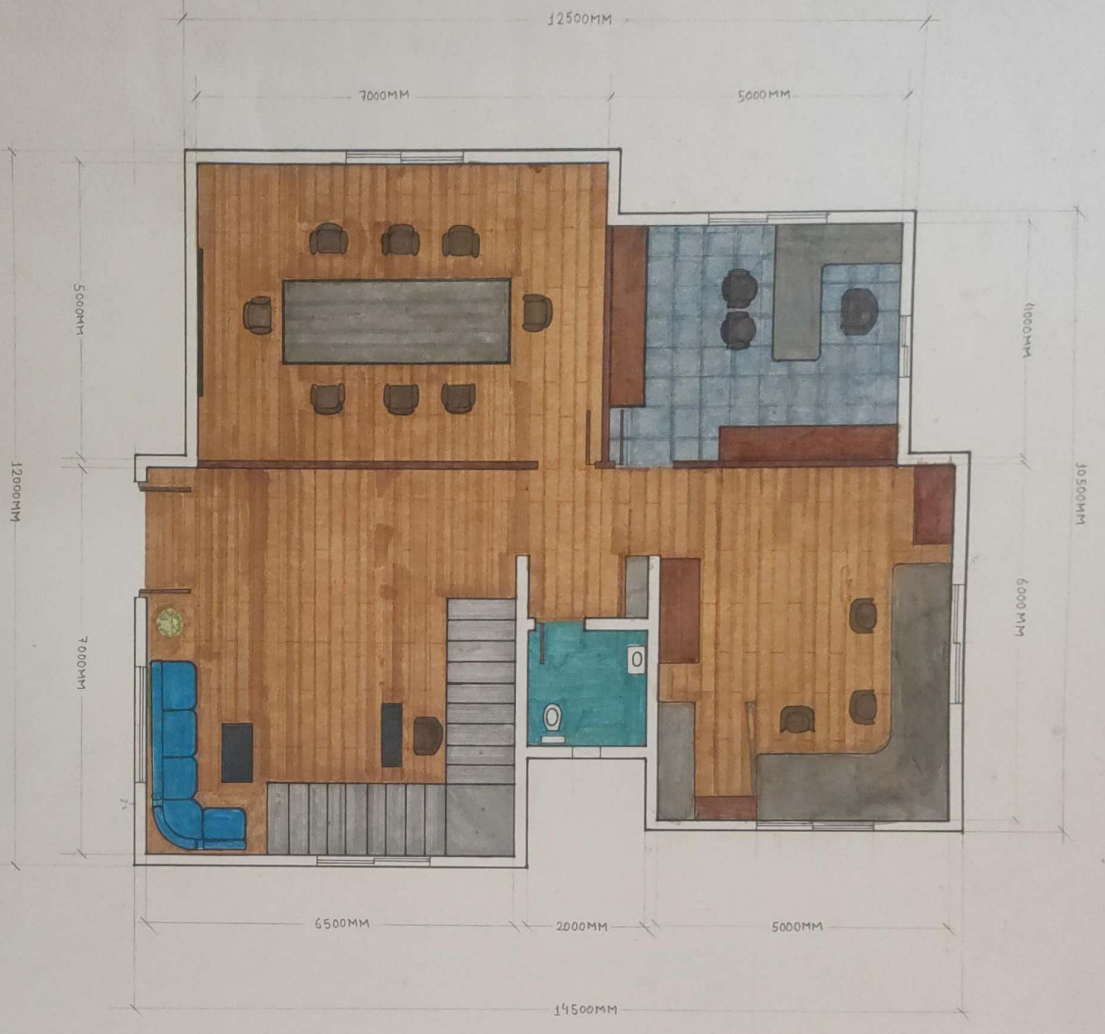
- Conceptual sheet and block model
- Site plan/landscaping plan of the campus with area statements
- All floor plans with furniture layouts.
- Elevations - all sides of all the building blocks
- Sections at least 2 (one from the staircase and one from the toilets) of all the building blocks
- Views and Final Model.

CONCEPT.

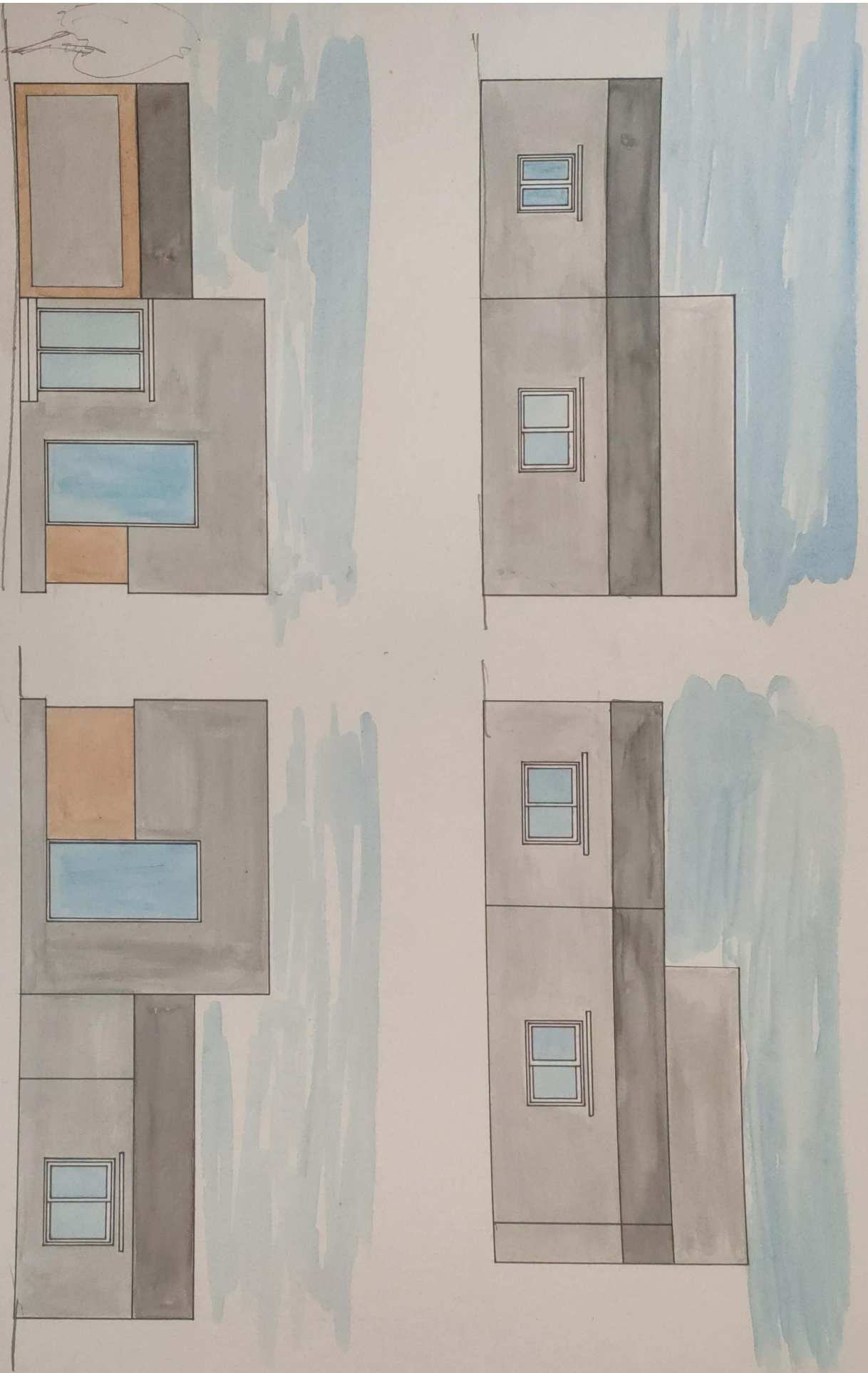
CONCEPT OF MY DESIGN IS
"FUNCTION FOLLOWS FORM"
THROUGH MY DESIGN MY AIM IS TO CREATE A
SPACE IN SUCH A WAY THAT MAKES IT USER FRIENDLY.
I HAVE USED PRIVATE AND PUBLIC SPACING. BALANCING,
PUBLIC AND PRIVATE DISTANCE IS IMPORTANT, ARCHITECTURAL
CONCEPTS BINDS TOGETHER THESE REARMS (PUBLIC AND
PRIVATE SPACE) AND CREATE A ENVIRONMENT TO PROMOTE
COMMUNITY AND INDIVIDUALITY



ARCHITECT'S OFFICE PLAN, SECTION



SUBJECT ARCHITECTURAL DESIGN
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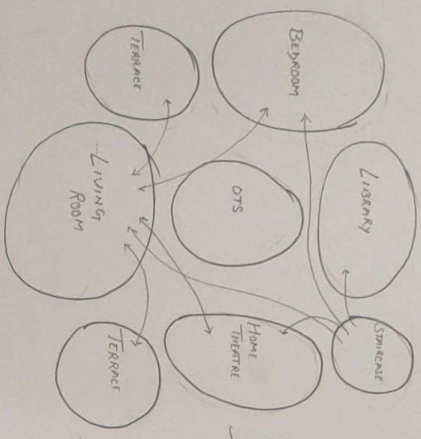


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Design 1:50

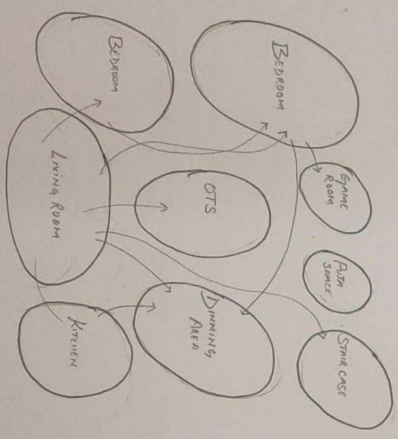
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3

CONCEPT-

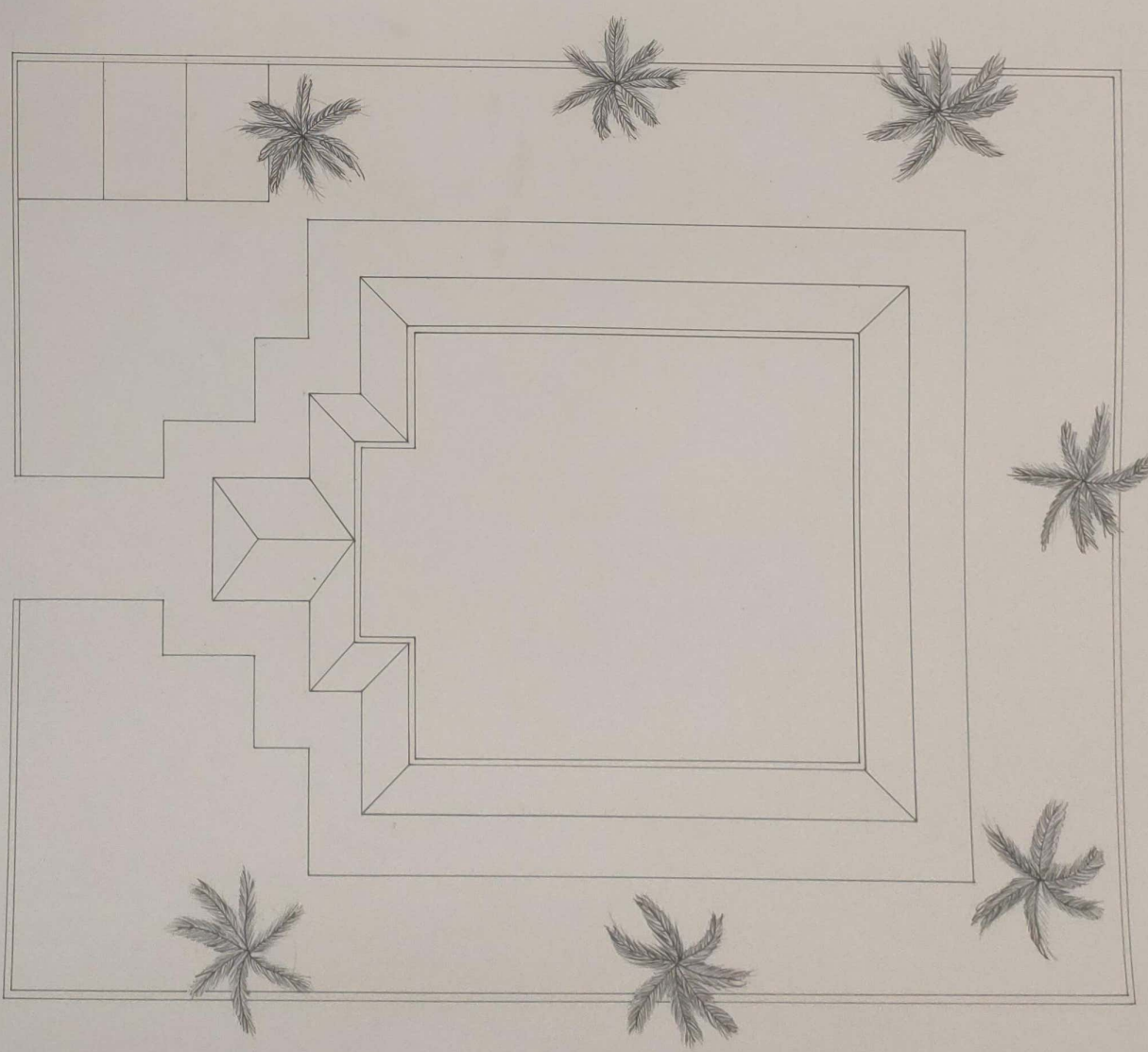
MY CONCEPT IS BASED ON "NATURETO"!
 NATURETO IS A KIRANA STYLE HOUSING
 CONCEPT THAT BLENDS TRADITIONAL ARCHITECTURAL
 ELEMENTS WITH MODERN COMFORTS AND
 SUSTAINABLE DESIGN PRINCIPLES. THIS CONCEPT
 CREATES A HARMONIOUS BALANCE BETWEEN
 NATURE, CULTURE AND FUNCTIONALITY



First Floor Bubble Diagram



Ground Floor Bubble Diagram

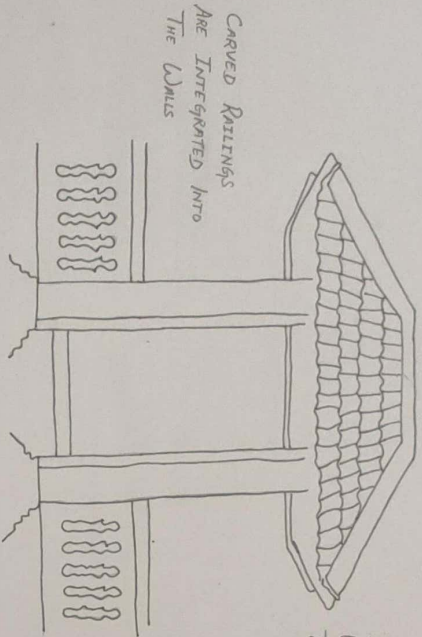


Dream House Concept And Site Plan

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PADIPPURA



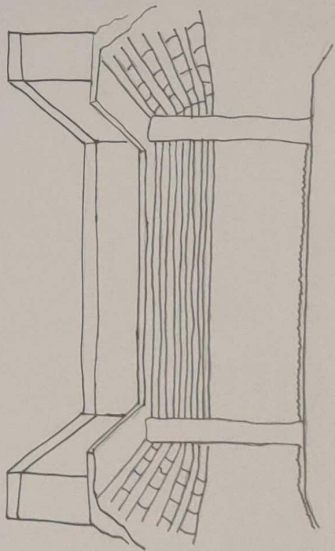
Carved Railings
Are Integrated Into
The Walls

Clay Tiles Are Commonly
Used To Understand The
Tropical Climate

Symbolic Gateway Of
Malabar House Entrance,
Adorned With Woodwork

The Entrance Gate Of Houses In
Malabar Region, Is A Cultural
Emblem That Symbolizes Hospitality

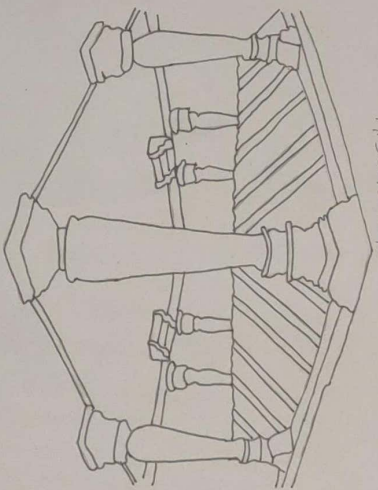
CHARUPADI



Carved With Intricate
Woodwork And Traditional
Carvings.

The Traditional Setting Spaces Integrated
Into The Verandahs, Blend Comfort And
Cultural Warmth.

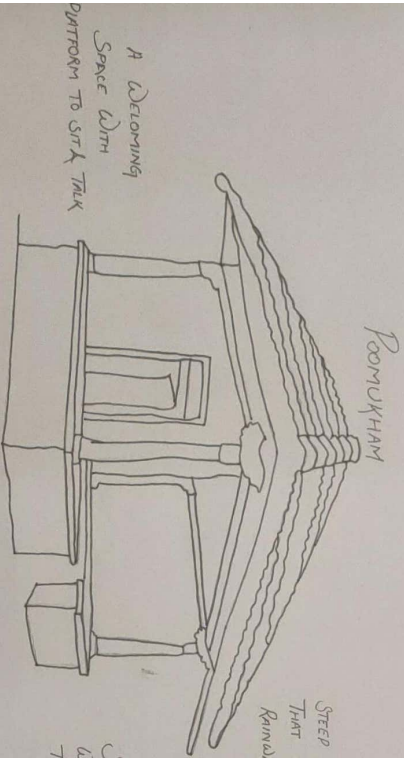
MADUMUTTAM



The Design Is
Highlighted By The
Convergence Of Steep
Sloping Roof

The Columns Provide
Structural Support To
The Roof

A Courtyard Ensures Ample Light And
Ventilation In The Indoor Spaces.



ROOMUKHAM

Steep Sloping Roof
That Help To Drain
Rainwater

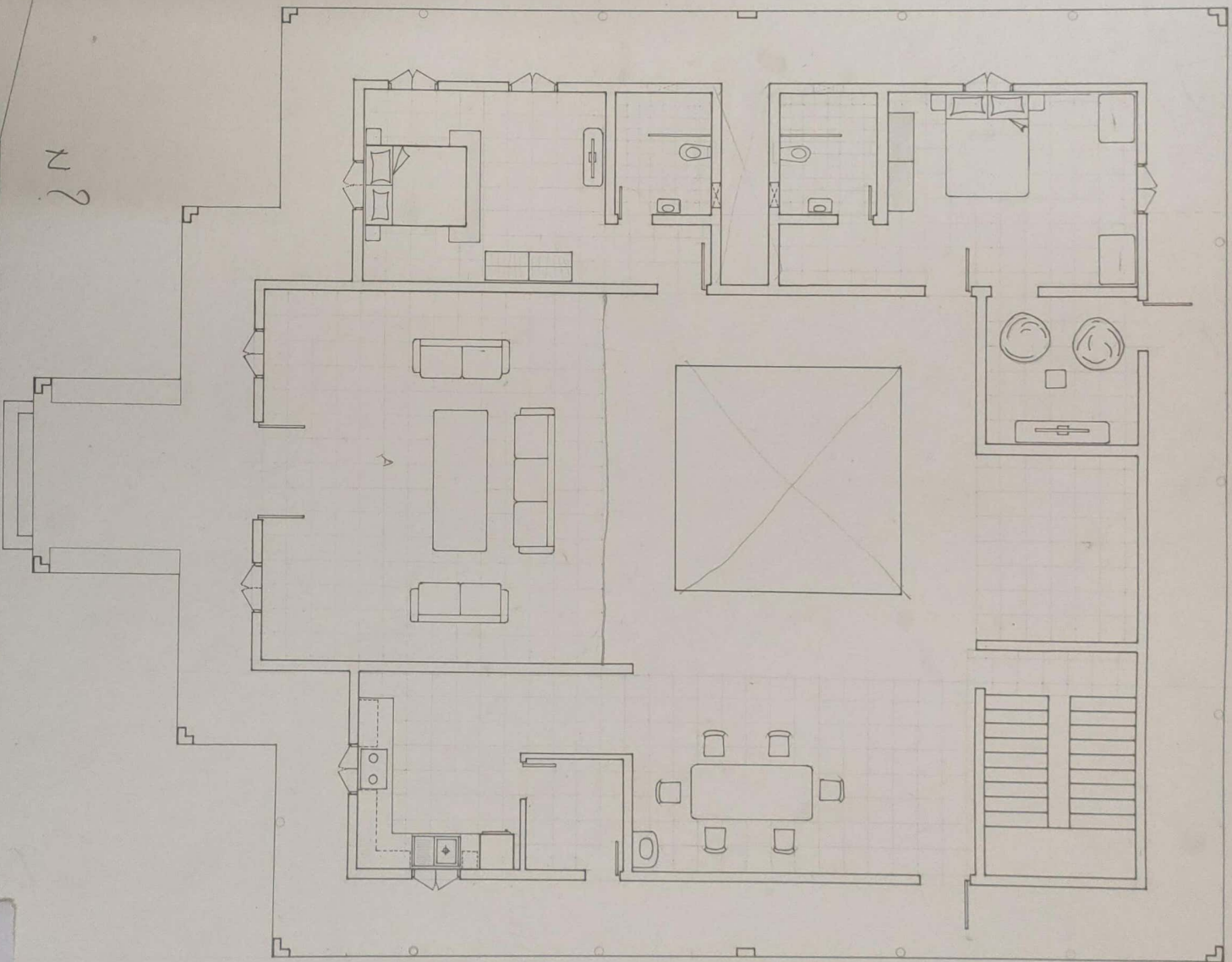
Surrounded By
Deepened Columns
To Support Roof

A Deepening
Space With
Dittoom To Sink Tank

The Verandah Has An Elegant Design
And Help Seamlessly To Connect
Indoor And Outdoor

DREAM HOUSE (GROUND) FLOOR PLAN

- LEGENDS -
- LIVING ROOM (7000x7000)MM
 - DINNING ROOM (4000x7000)MM
 - BED ROOM x 2 (4000x5000)MM
 - BATH ROOM x 2 (2500x2000)MM
 - KITCHEN (4000)
 - STONE ROOM (2000x2000)MM
 - SMALL ROOM (3000x2000)MM
 - CORRIDOR (1500MM WIDE)
 - COURTYARD (4500x4500)MM
 - CORRIDOR OUTSIDE (1500MM WIDE)
 - OUTSIDE SITTING SPACE (4000x2000)MM



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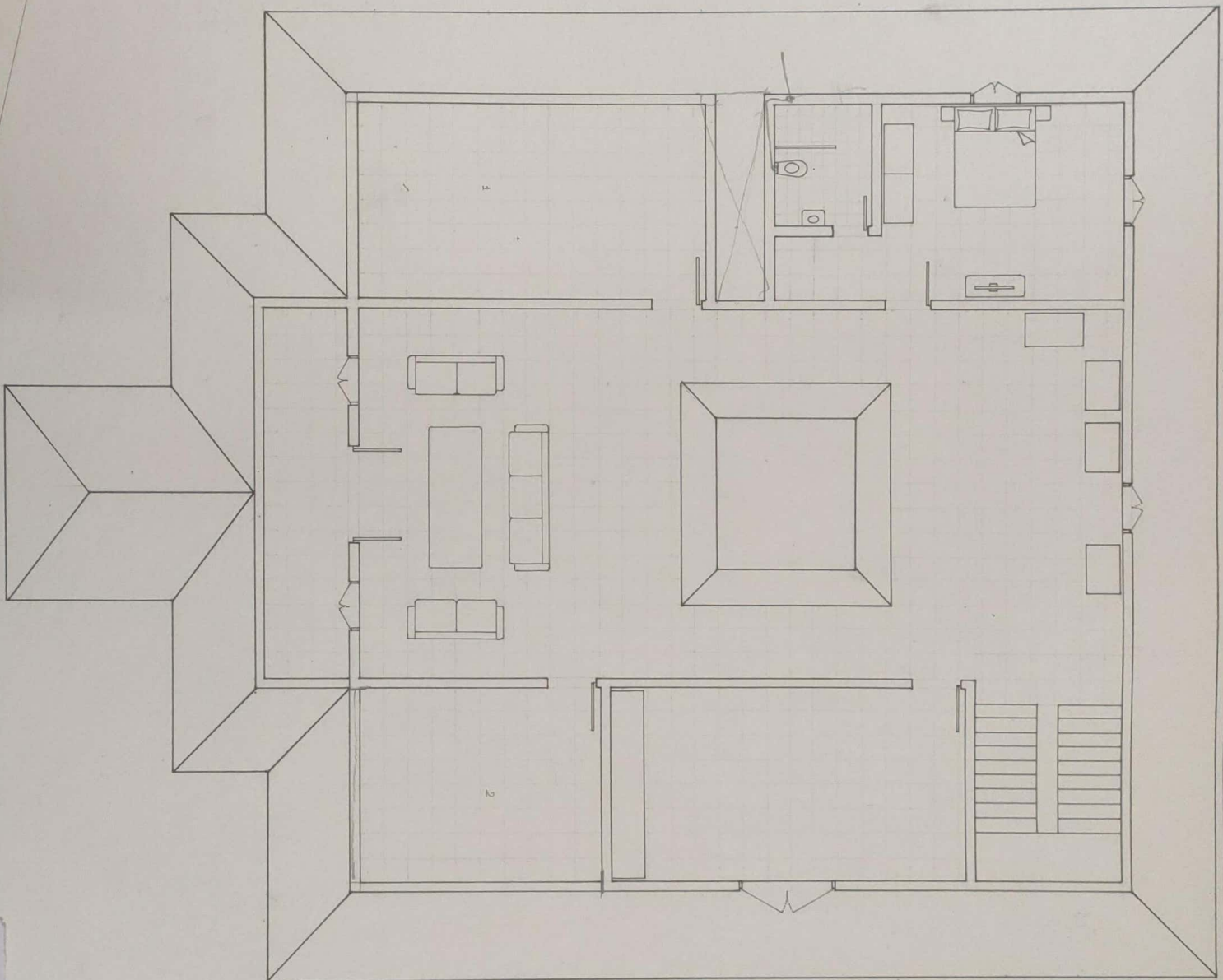
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LEGENDS.

LIVING ROOM (7000x5000)MM
 HOME THEATRE (4000x 7500)MM
 LIBRARY (7000x3000)MM
 BEDROOM (4000x 5000)MM
 BATHROOM (2500x 2000)MM
 BALCONY (7000x 1800)MM
 TERRACE 1 (4000x 7000)MM
 TERRACE 2 (4000x 5000)MM

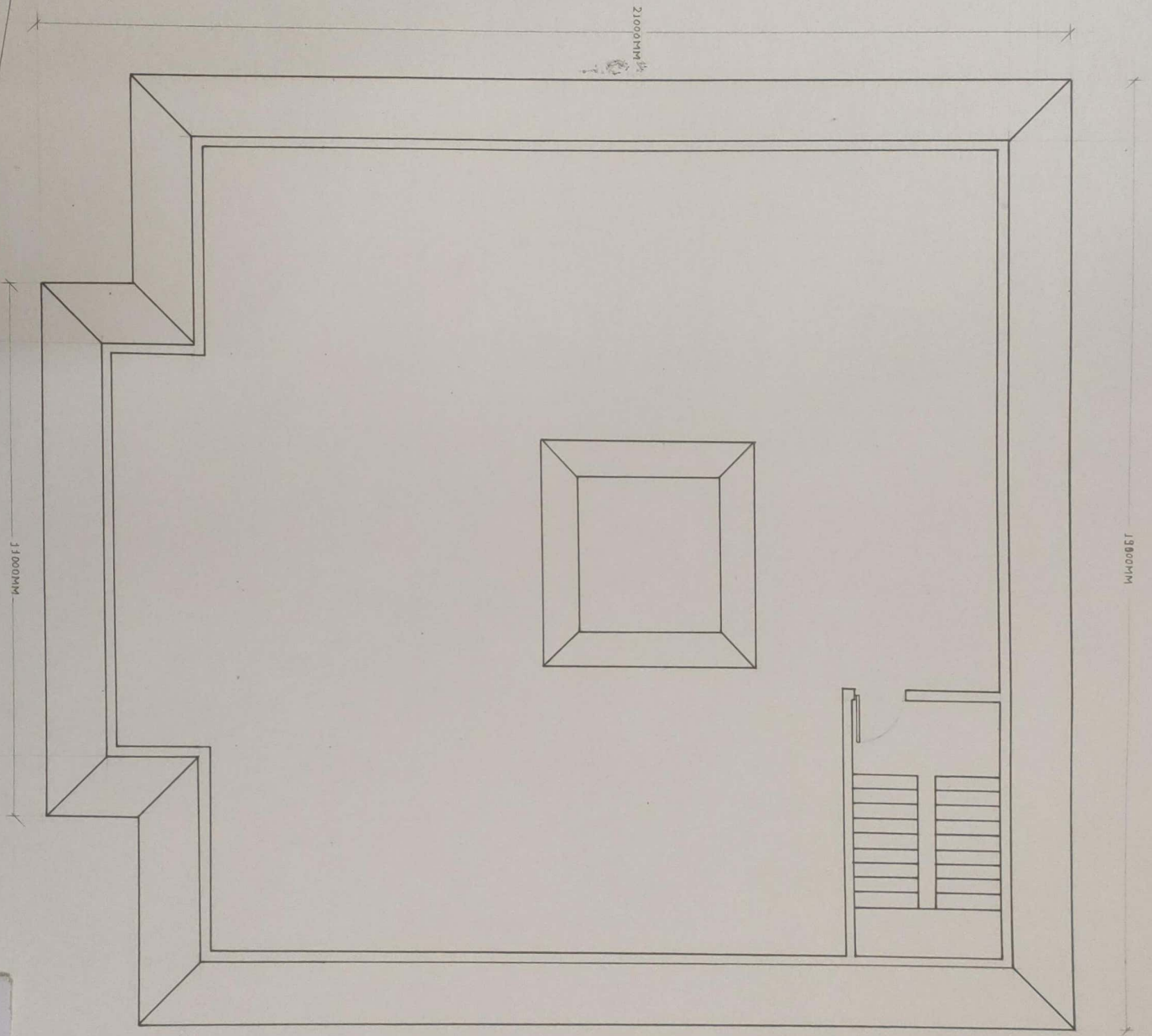


DREAM HOUSE FIRST FLOOR PLAN

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Dream House Terrace Plan



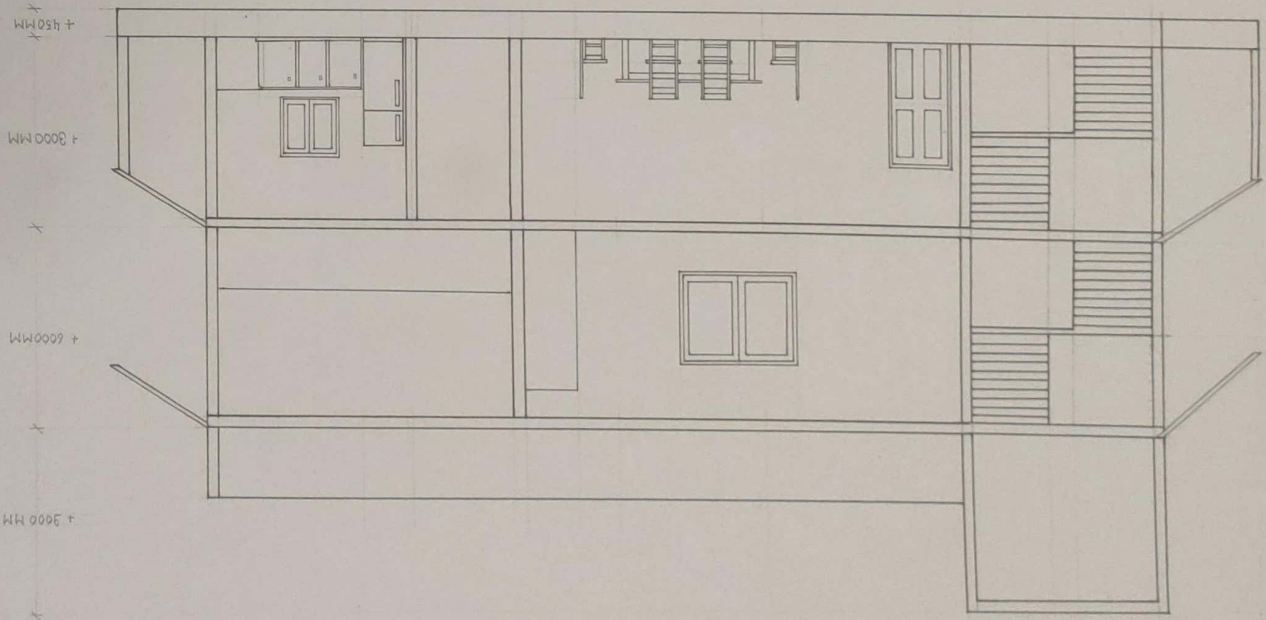
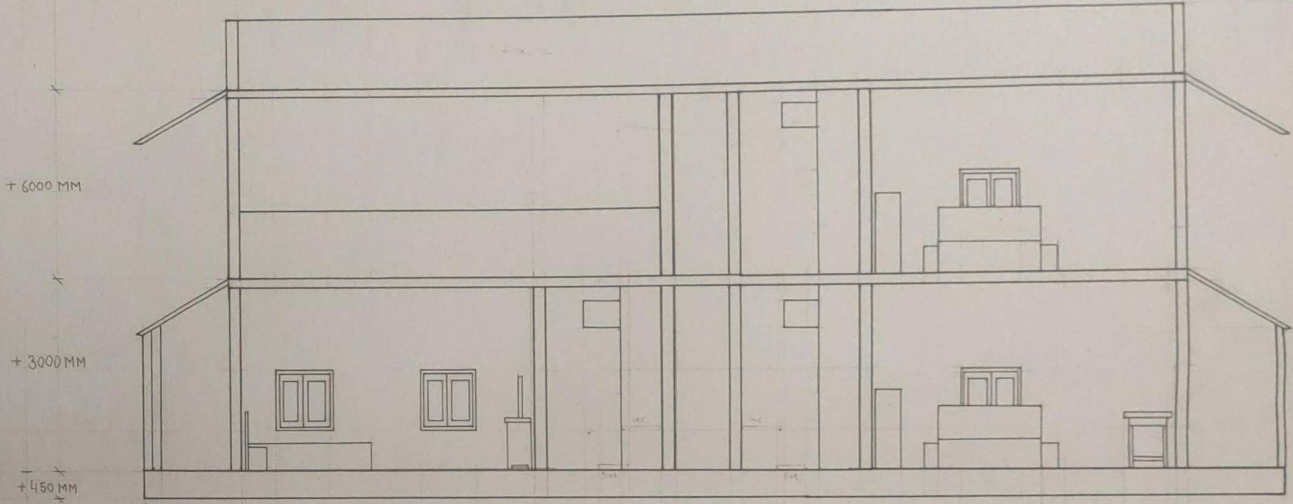
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SECTION OF DREAM HOUSE

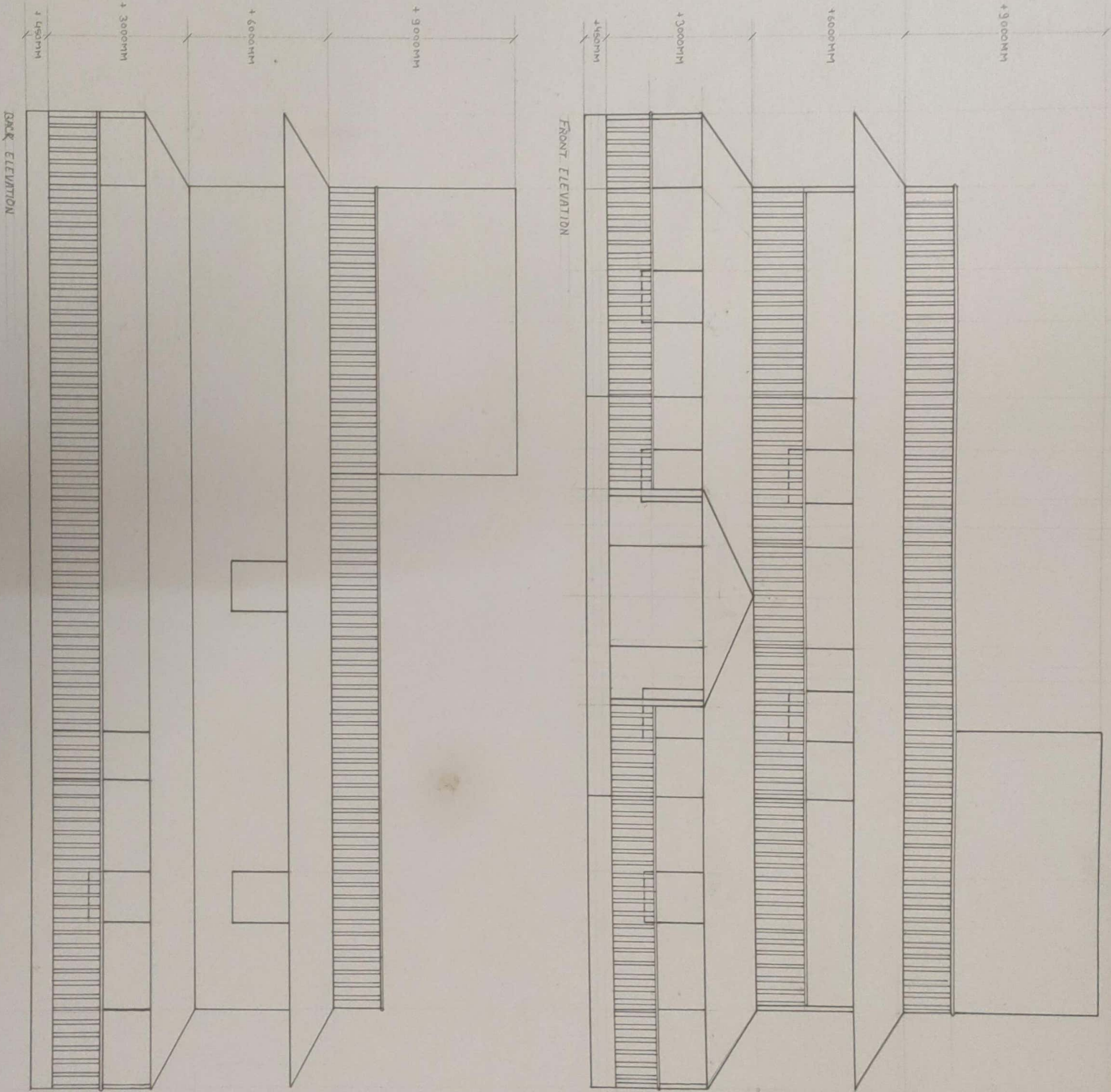


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DREAM HOUSE ELEVATION



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