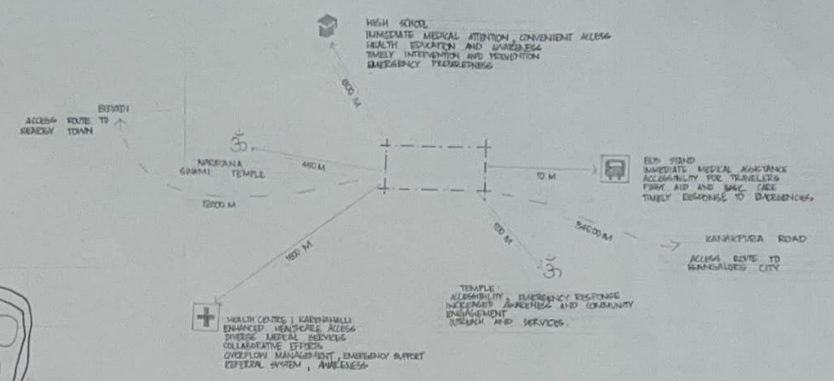




PROXIMITY MAPPING OF NEARBY LANDMARKS & INFERRENCES WITH RESPECT TO THE PLOT ON SITE



**SUN PATH**

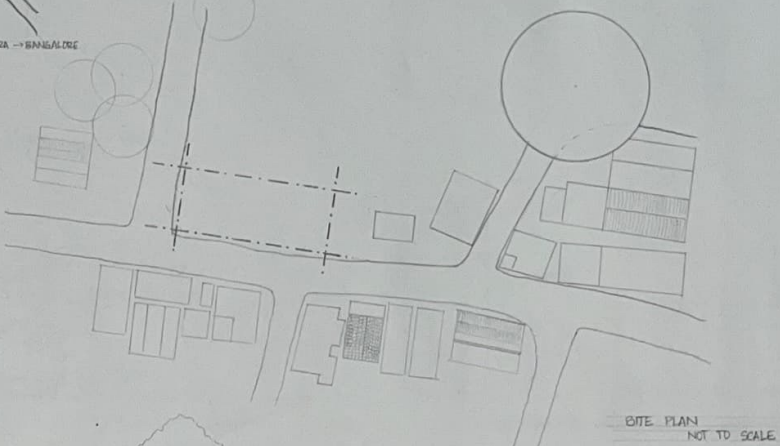
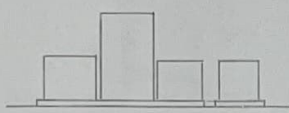
BY KNOWING SUN PATH WE CAN UNDERSTAND WHICH PART OF THE SITE GETS DIRECT AND INDIRECT SUNLIGHT HEATING UP WHICH A MORE EFFICIENT SPACE.



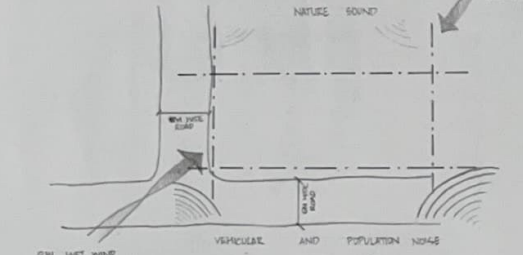
**SOIL FOUND: RED SANDY SOIL**

**INFERRENCES:**

- SOIL IS IN THE RANGE OF 800-900 MM
- SAFE FOR RESIDENTIAL, LOW RISE COMMERCIAL BUILDINGS
- MATERIAL FOR CONSTRUCTION: ALTERNATE BUILDING MATERIAL TO BRICK AND CONCRETE WHICH CAN BE USED: COMBUSTIBLE MUD BRICKS
- ECO FRIENDLY, SUSTAINABLE
- LOW EFFORTIVE, EASY TO PRODUCE



GIVES AN UNDERSTANDING OF ROOF TYPES AND HELPS IN BEING SENSITIVE TO SURROUNDINGS, NEIGHBOURS WHILE DESIGNING.

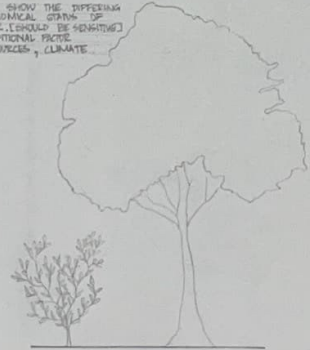


**GIVEN SITE (800 m<sup>2</sup>) NOT TO SCALE**

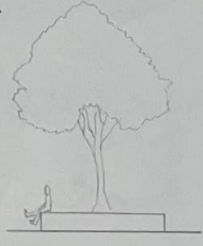
**WIND AND NOISE FACTORS.**

WIND PROVIDE NATURAL VENTILATION, POSITIONING DEPENDABLE WINDOWS AND VENTS ON OPPOSITE SIDES TO ALLOW FRESH AIR FLOW THROUGH BUILDING

NOISE REDUCTION BY LANDSCAPING: PLANTING TREES, BUSHES, SHRUBS TO ACT AS NATURAL BARRIERS BY ABSORBING AND BLOCKING INTERNAL NOISE



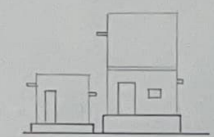
SCALE VEGETATION NEAR/NOT TO GIVEN SITE IS A DISADVANTAGE AS VEGETATION CAN PROVIDE SHADE, BLOCK WIND AND ABSORB SWEET AND LONG OIL FRAGRANCE TO KEEP ENVIRONMENT FRESH AND CLEAN



IT SERVES AS A MEETING/ GATHER SPOT TO SOCIALISE, ALSO PROVIDE SHADE MAKING IT A PLACE TO SIT AND RELAX KHATTES TOGETHERNESS.

NEEM TREE IS AN EXCELLENT CHOICE FOR PROVIDING SHADE. THEY HAVE A WIDE SPREADING CANOPY OFFERING AMPLE SHADE. THEY ARE ALSO GOOD FOR MOSQUITO AND BIOLOGICAL BENEFITS.

FAJAT TREE IS A SUITABLE PLANT THAT CAN HELP REDUCE GRABBY DROPPS. IT HAS AROMATIC FLOWERS THAT RELEASE A PLEASANT FRAGRANCE DURING THE EVENING AND EARLY MORNING HOURS.



TUE TO TERRAIN & TOPOGRAPHY, BUILDING MATERIAL CHOICES, FUNCTIONALITY & USAGE, COST, RESOURCE, SKILLS AND LABOUR.



**SHEET CONCLUSION:**  
HELD IN COMING TO A CONCLUSION OF THE QUALITIES PRESENT, TYPES AND FORMS OF BUILDINGS MAKING US SENSITIVE TO THE ENVIRONMENT AND CULTURE OF THE SITE.

SHEET TITLE: SITE ANALYSIS

**ಇದು ಒಂದು ಕಥೆ**  
Kadiyaya Kareemahalli, A Settlement Study

ARCHITECTURAL DESIGN - II

NAME: VINAYA KARANJE

USN: 1RW22AT115  
21ARC21  
SEMESTER-2  
SECTION-C

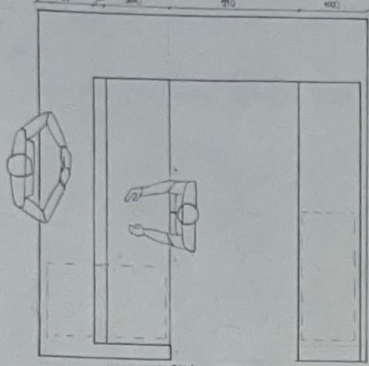


RV COLLEGE OF ARCHITECTURE  
BATCH 2022-27

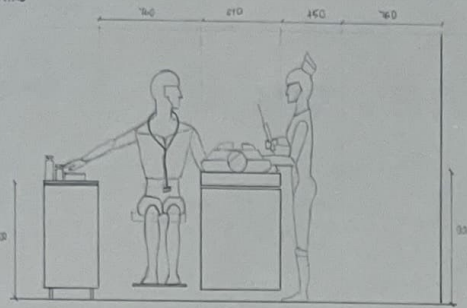
Date	Teacher
(Signature with date)	(Signature with date)
Reviewer 1	(Signature with date)
Reviewer 2	(Signature with date)

VINAYA KARANJE N

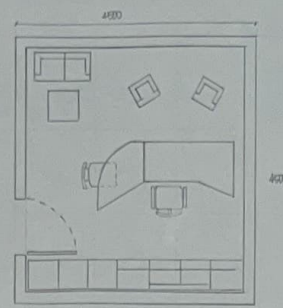
STANDARD DIMENSIONS IN PRIMARY HEALTH CENTRE



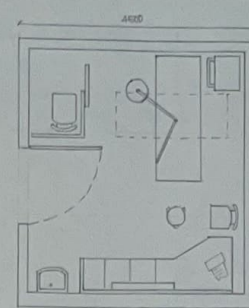
NURSE'S STATION



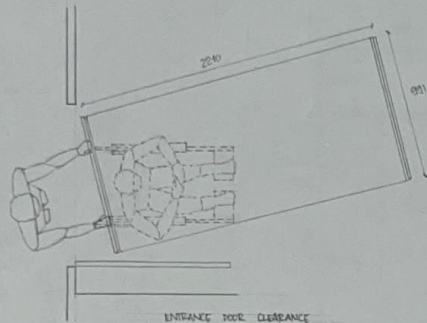
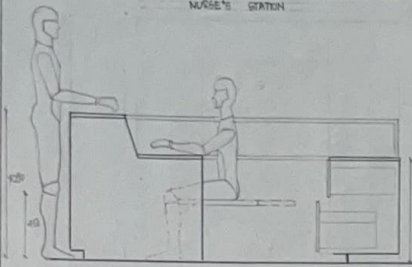
NURSE AREA REACH AND CLEARANCE



DOCTOR OFFICE / CONSULTATION ROOM  
SCALE 1:50

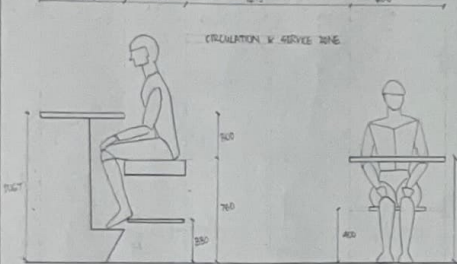


TREATMENT ROOM  
SCALE 1:50

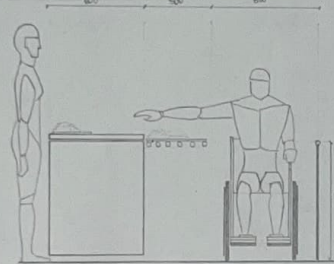


ENTRANCE DOOR CLEARANCE

STANDARD DIMENSIONS IN A CANTINE



LUNCH COUNTER / TABLE CLEARANCE



FOOD SERVICE COUNTER / WHEELCHAIR ACCESS

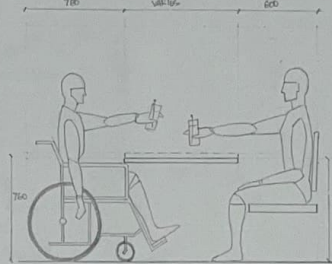
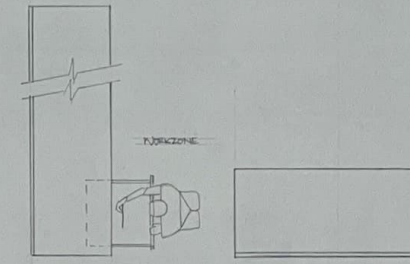
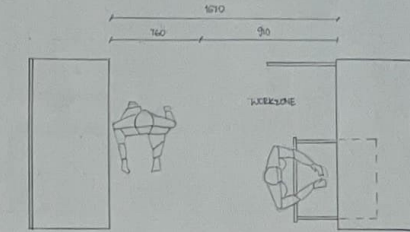
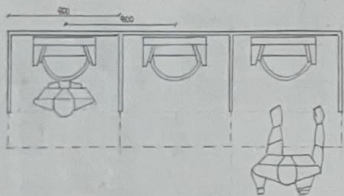


TABLE / WHEELCHAIR CLEARANCE

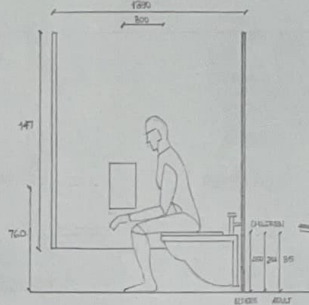


COUNTER AND BACK CABINETS GENERAL CLEARANCE

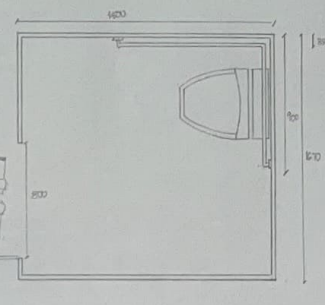
STANDARD DIMENSIONS OF PUBLIC RESTROOM



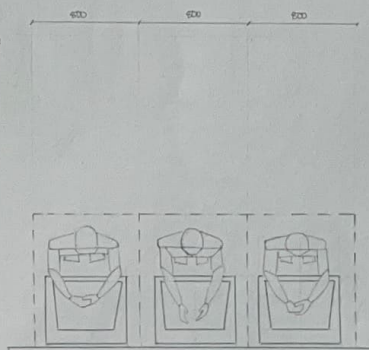
URINAL LAYOUT



WATER CLOSET



WATER CLOSET COMPARTMENT / SIDE APPROACH TRANSFER



LAVATORY LAYOUT

ALL DIMENSIONS IN MM  
SCALE 1:20



SITE-1 ROOF PLAN

SHEET CONCLUSION:  
UNDERSTANDING ANTHROPOMETRY AND ERGONOMICS TO DESIGN AN EFFICIENT SPACE.

SHEET TITLE: TECHNICAL SHEET

ಇದು ಒಂದು ಕಥೆ  
Kodiyaya Karamahalli, A Settlement Study

ARCHITECTURAL DESIGN - II

NAME: VINAYA KARINJE N

USN: 21ARC21 SEMESTER-2 SECTION-C



RV COLLEGE OF ARCHITECTURE  
BANGALORE  
BATCH 2022-27

RV COLLEGE OF ARCHITECTURE, BANGALORE

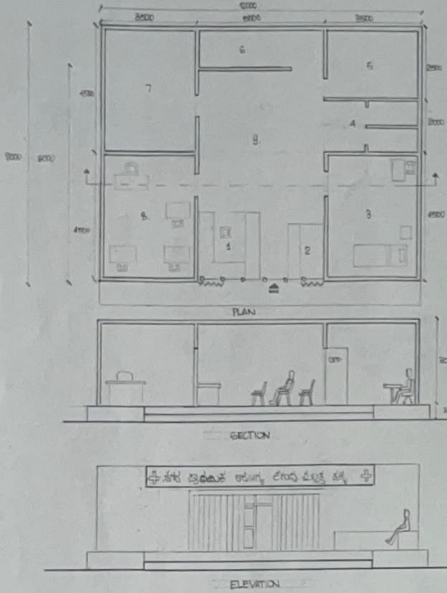
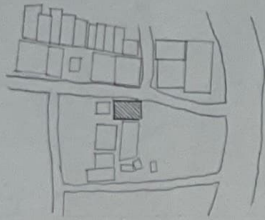
Client Teacher  
(Signature with date)

Examiner  
(Signature with date)

VINAYA KARINJE N

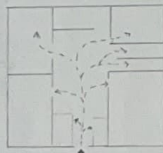
# 1. PRIMARY HEALTH CENTRE

LOCATION  
 URBAN PRIMARY HEALTH CENTRE (UPHC), DR. AMBEDKAR NAGAR,  
 MALLAHALLI, BENGALURU, KARNATAKA 56005



SPACES IN PHC @ MALLAHALLI, BENGALURU:

1. PHARMACY [2000 X 2000]
2. REGISTRATION DESK [2000 X 1500]
3. OPD (TREATMENT ROOM) [2500 X 4500]
4. 1 MALE TOILET, 1 FEMALE TOILET [1000 X 2000]
5. CONSULTATION ROOM (DOCTORS OFFICE) [3500 X 2500]
6. STORAGE [2500 X 1500]
7. VACCINATION ROOM [3500 X 4500]
8. STAFF ROOM [3500 X 4500]
9. WAITING AREA [500 X 6000]

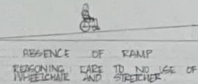


### OBSERVATIONS

#### WAITING SPACE

FIXED NUMBER OF PATIENT OFFICE IN WAITING AREA  
 OPEN, STAKE MANAGEMENT,  
 ORDERLY QUEUE FORMATION,  
 PREDICTABLE WAITING TIMES,  
 CLEANLINESS

IT CAN ALSO BE A DIS-ADVANTAGE DUE TO INSUFFICIENT WAITING, DISCOMFORT, LIMITED FLEXIBILITY TO SOLVE THIS, THEY HAVE PROVIDED AN EXTERNAL WAITING AREA (CONCERNING THIS IS SOLVED)

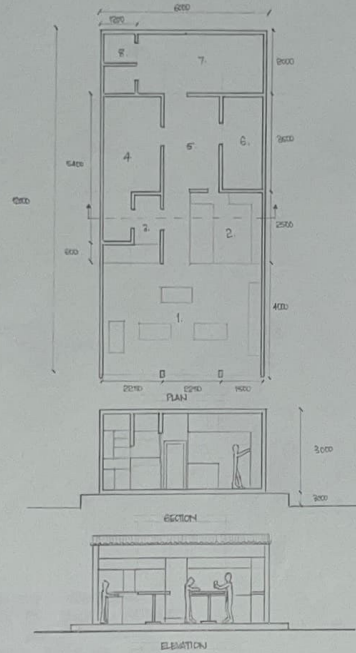
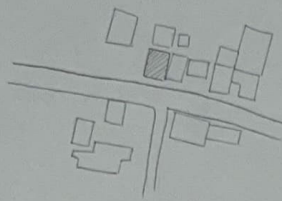


PHARMACY  
 PRESENCE OF TRIADUACY AT THE ENTRANCE OF THE SHOP WOULD BE MORE EFFICIENT AND ACCESSIBLE TO ALL (PATIENTS AND OTHERS)



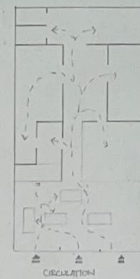
# 2. BY2 COFFEE

LOCATION  
 2192, 5TH MAIN ROAD, OPPOSITE SANKASTHARA GANAPATHI TEMPLE, HAMPI NAGAR, VIJAYANAGAR, BENGALURU, KARNATAKA 56002



SPACES IN CANTEN @ VIJAYANAGAR

1. EATING SPACE [6000 X 4000]
2. TAZAR HOUSE SHOP [2500 X 2500]
3. SERVICE [1000 X 2500]
4. KITCHEN [2200 X 5400]
5. PREPARATION ROOM [2200 X 2500]
6. STORAGE [1500 X 3500]
7. WASH [400 X 2000]
8. 2 TOILETS [1200 X 1000] → EACH



### OBSERVATIONS

#### STANDING CANTEN

STANDING CANTEN HELPS TO SAVE SPACE, CASUAL ATMOSPHERE, SPACE EFFICIENCY, MINIMAL WAITING TIME, BUT CAN ALSO LEAD TO LIMITED SUPPORT, REDUCED RELAXATION, LESS PRIVACY



#### SELF-SERVICE

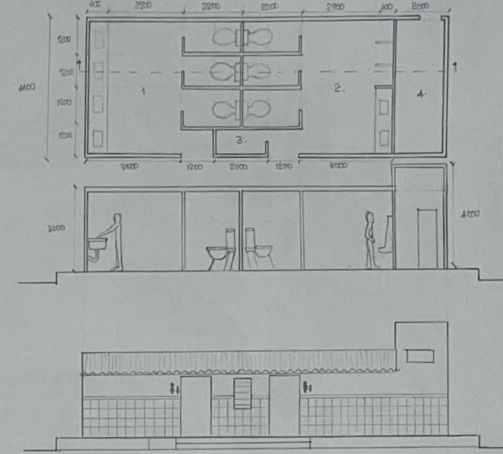
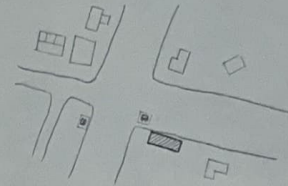
FAMER ASKLE, SERVICE CONTROL EFFICIENT USE OF SPACE, FLEXIBILITY, LESS PERSONALIZED SERVICE, REDUCED RELAXATION

RAMP  
 ABSENCE OF RAMP CAUSES INACCESSIBILITY FOR DISABLED INDIVIDUALS AND MARKET SWAYING OPPORTUNITIES  
 ABSENCE OF TABLE IS LOWER HEIGHT

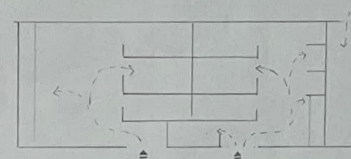


# 3. NIRMALA TOILETS [PUBLIC TOILET]

LOCATION  
 KENGLITE OZLE, NAGARBHAVI RING ROAD, NEAR IIPM COLLEGE, NAGARBHAVI 2ND STAGE, BENGALURU, KARNATAKA 560072



- SPACES IN PUBLIC TOILET @ NAGARBHAVI
1. WOMEN & CHILDREN
  2. MEN & CHILDREN
  3. TICKET COUNTER [PAY AND USE]
  4. LAVATORIES [600 X 1200]
  5. W.C [2200 X 1200]
  6. LAVATORIES [600 X 1200]
  7. URINALS [600 X 1000]
  8. W.C [2200 X 1200]
  9. TICKET COUNTER [PAY AND USE] [2000 X 1000]
  10. PUMP & OVER HEAD TANK ROOM [2000 X 4000]



TICKET COUNTER  
 TICKET COUNTER PROVIDE A CENTRALISED AND INTERACTIVE POINT FOR CUSTOMERS TO ACCESS SERVICES. EXPERIENCES MAY IMPROVE

EXPERIENCE QUEUES AND WAITING TIMES AND MANAGEMENT REQUIRED TO BE CAREFUL TO ENSURE ACCURACY AND SECURITY

#### FACILITIES FOR HANDICAPPED

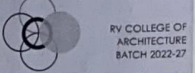
ABSENCE OF RAMP  
 ABSENCE OF TOILET FOR HANDICAPPED LEADS TO LACK OF ACCESSIBILITY, SOCIAL STIGMA AND ISOLATION

ALL MEASUREMENTS ARE IN MM  
 SCALE 1:100



SHEET TITLE: CASE STUDY  
 SHEET CONCLUSION:  
 UNDERSTANDING THE WORKING AND CIRCULATION OF A PRIMARY HEALTH CENTRE, PUBLIC TOILET AND A CANTEN

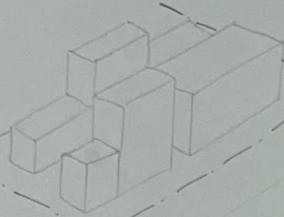
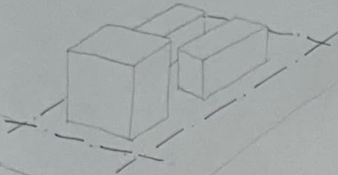
ARCHITECTURAL DESIGN - II  
 NAME: VAJRA KARNAJEF N  
 Kodyiya Karannahalli, A Settlement Study  
 USN: 12W22AT113  
 21AUG21  
 SEMESTER-2  
 SECTION-C



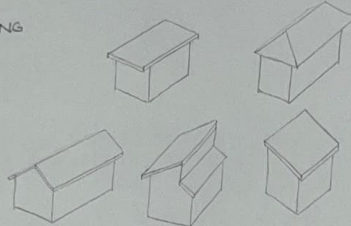
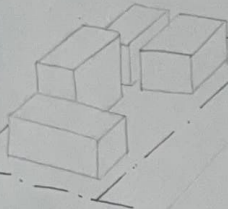
RV COLLEGE OF ARCHITECTURE  
 BATCH 2022-27

RV COLLEGE OF ARCHITECTURE, BANGALORE  
 Class Teacher: \_\_\_\_\_  
 Student (with date): \_\_\_\_\_  
 Student (with date): \_\_\_\_\_  
 Student (with date): \_\_\_\_\_  
 Student (with date): \_\_\_\_\_  
 Student (with date): \_\_\_\_\_

MASSING AND ZONING  
ITERATION FOR PROGRAM  
REQUIREMENTS

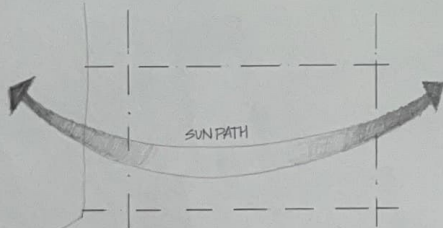


MASSING AND ZONING TO EXPLORE  
DIFFERENT DESIGN POSSIBILITIES, ASSESSING  
HOW THEY INTERACT WITH THE SITE AND  
SURROUNDINGS

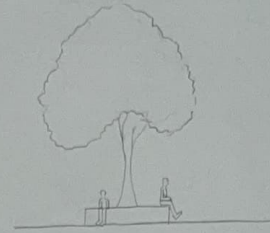


INTEGRATING VARIOUS ROOF PROFILES  
SUCH AS GABLE, HIP, LEAN-TO, ETC.,  
CAN REFLECT THE DIVERSITY OF LOCAL BUILDING  
STYLES AND HELP THE STRUCTURES BLEND  
SEAMLESSLY WITH THE EXISTING VILLAGE  
ENVIRONMENT

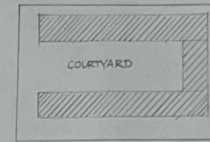
DUE TO THE SUN PATH, WE CAN UNDERSTAND  
WHICH PART OF THE SITE RECEIVES DIRECT / INDIRECT  
SUNLIGHT AND USAGE OF OVERHANG, AWNING,  
LOUVERS CAN BE INCORPORATED, REDUCING HEAT  
GAIN



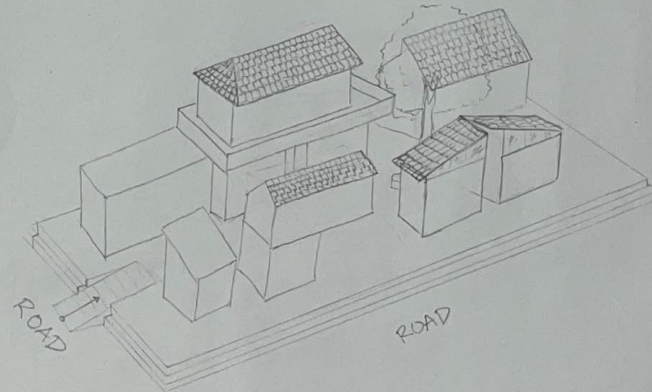
WINDOWS FACING NORTH IN A BUILDING  
OPEN RECEIVE LESS DIRECT SUNLIGHT  
WHICH CAN BE ADVANTAGEOUS IN  
MINIMIZING GLARE AND EXCESSIVE  
HEAT. PHC ROOMS CAN BE DESIGNED  
W.R.T. THIS AS HERE ROOMS WITH  
DIFFUSED NATURAL LIGHT IS DESIRED  
OFFERING A PLEASANT AND  
CALMING BACKDROP.



A COURTYARD SERVES AS A COMMUNAL  
SPACE TO GATHER AND SOCIALISE.  
IT PLAYS A VITAL ROLE IN CONNECTING  
PEOPLE AND PRESERVING THE CULTURE.



COMMON KATTE IT SERVES AS A  
MEETING / GATHER SPOT WHICH IGNITES  
TOGETHERNESS  
THE SHADE PROVIDED BY IT IS CRUCIAL AS  
IT OFFERS A COOL, COMFORTABLE SPOT TO SIT  
AND RELAX



A DESIGN / SPACE INCORPORATING A COURTYARD,  
KATTE MARA, DIFFERENT ROOF PROFILES IN THIS  
VILLAGE SETTING CAN CREATE A HARMONIOUS DESIGN  
RESPECTING THE LOCAL ARCHITECTURE AND CULTURE.

SITE-1 ROOF PLAN

SHEET CONCLUSION:  
INCORPORATING  
IDEAS, UNDERSTA-  
NDINGS AND  
OBSERVATIONS  
TO OUR DESIGN

SHEET TITLE: CONCEPT SHEET

ಇದು ಒಂದು ಕಥೆ  
Kodilaya Karannahalli, A Settlement Study

ARCHITECTURAL  
DESIGN - II

NAME:  
VINAYA KARUNJIB N

USN:  
19M22AT113,  
21ARC21  
SEMESTER-2  
SECTION-C



RV COLLEGE OF  
ARCHITECTURE  
BANGALORE  
BATCH 2022-27

RV COLLEGE OF ARCHITECTURE, BANGALORE

Class Teacher	(Signature with date)
Teacher 1	(Signature with date)
Teacher 2	(Signature with date)



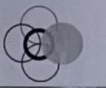
SHEET CONCLUSION:

SHEET TITLE: SITE PLAN

**ಇದು ಒಂದು ಸಣ್ಣ**  
 Kadiyaya Karamahalli, A Settlement Study

ARCHITECTURAL  
 DESIGN - II

NAME: VINAYA KARINJE  
 USN: 18LV22A1113-21ARC21  
 SEMESTER-2  
 SECTION-C



RV COLLEGE OF ARCHITECTURE  
 BANGALORE  
 BATCH 2022-27



SCALE 1:100

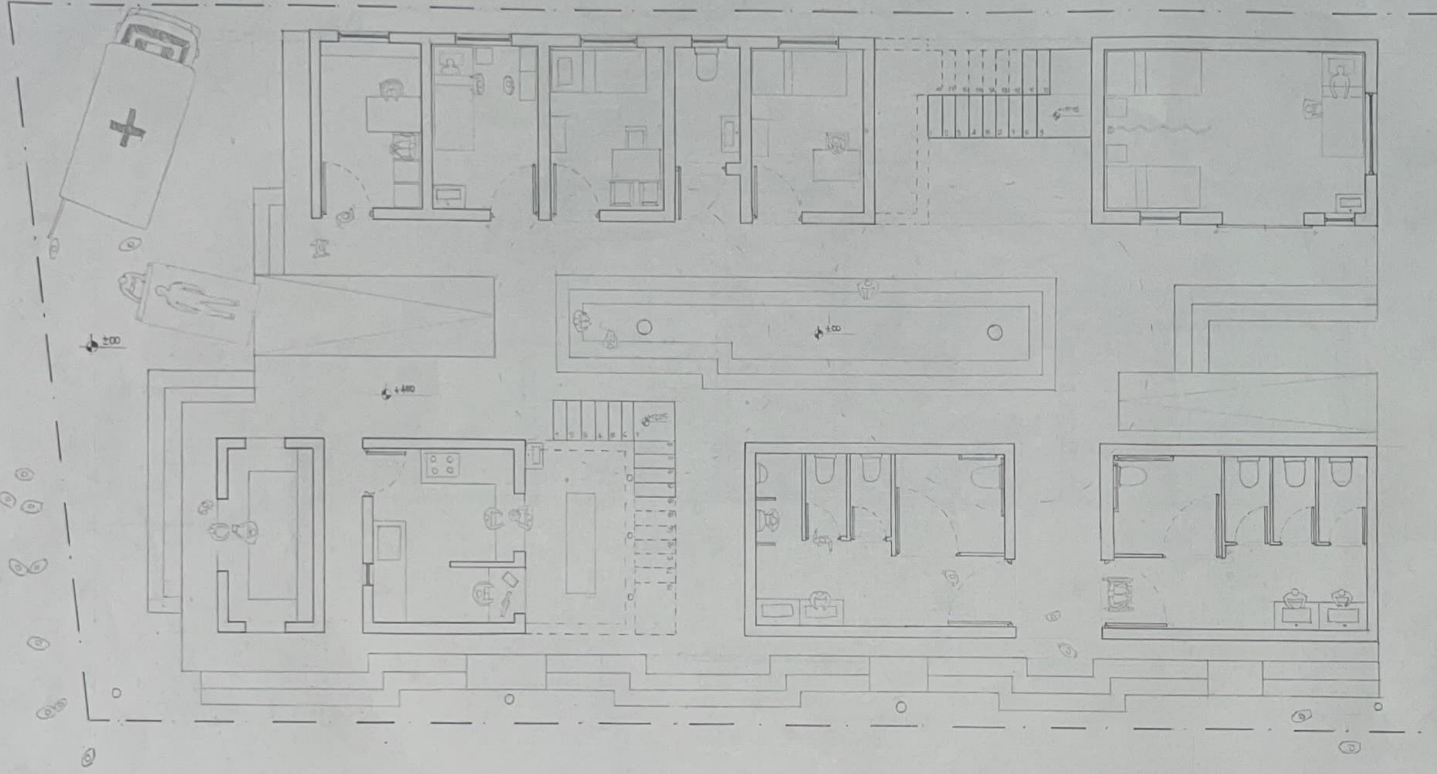
RV COLLEGE OF ARCHITECTURE, BANGALORE

Class Teacher: \_\_\_\_\_  
 (Signature with date)

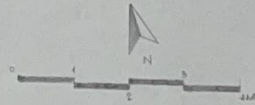
Examiner 1: \_\_\_\_\_  
 (Signature with date)

Examiner 2: \_\_\_\_\_  
 (Signature with date)

ROAD [6M WIDE]



ROAD [6M WIDE]



SITE-1 ROOF PLAN

SHEET CONCLUSION:

SHEET TITLE: PLAN

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Kodliya Karemahalli, A Settlement Study

ARCHITECTURAL DESIGN - II

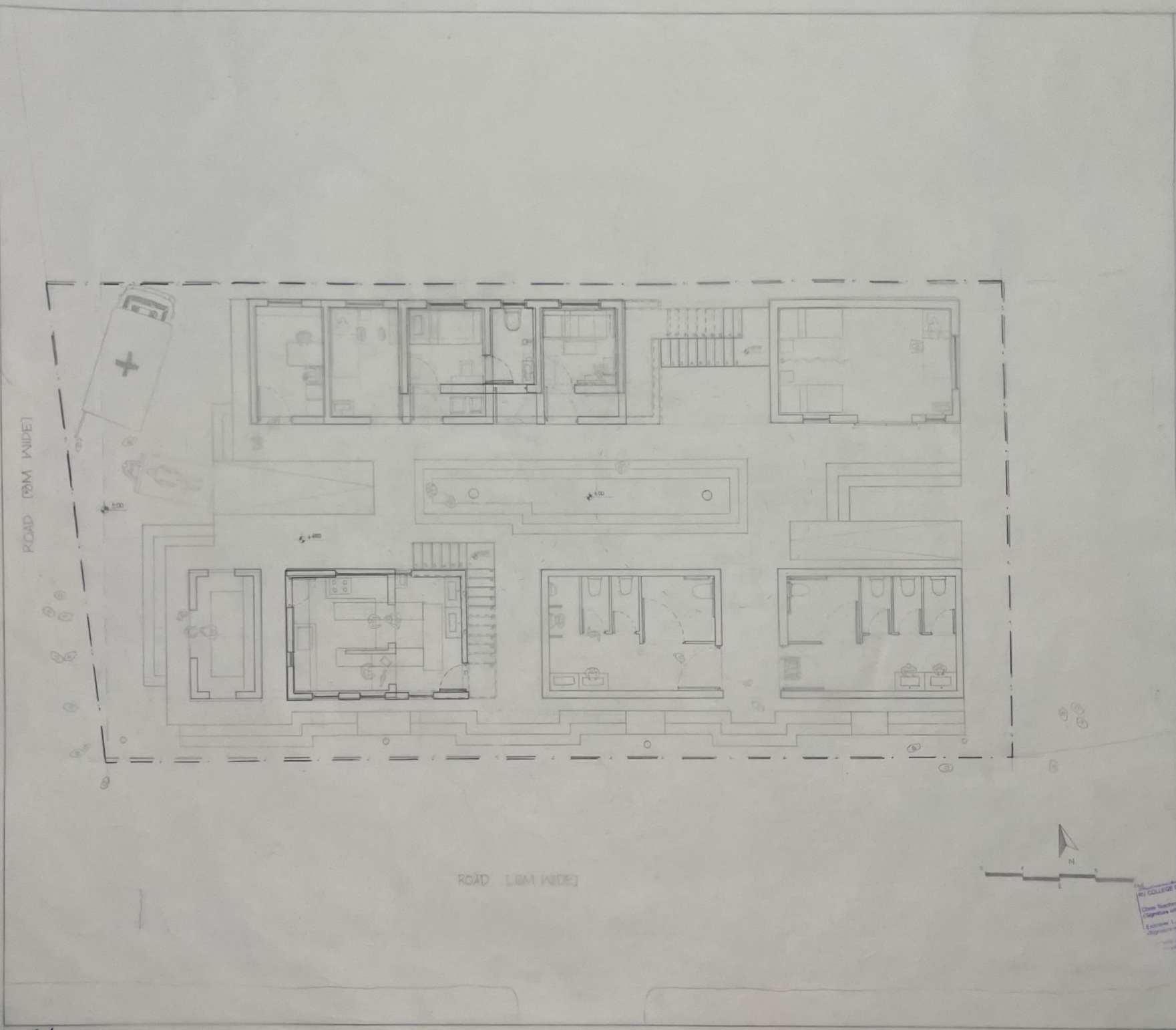
NAME: VINAYA KARINJE

SEM: 1  
ID: 22-AT12  
21ARC21  
SEMESTER-2  
SECTION-C



RV COLLEGE OF ARCHITECTURE  
BANGALORE  
BATCH 2022-27

RV COLLEGE OF ARCHITECTURE, BANGALORE
Class Teacher (Signature with date)
Examiner 1 (Signature with date)
Examiner 2 (Signature with date)

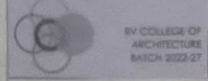


SHEET TITLE: PLAN

**ಅದು ಒಂದು ಕಥೆ**  
 Anudhu Ondu Katha - A Multimedia Study

ARCHITECTURAL DESIGN - II

NAME: \_\_\_\_\_  
 USN: \_\_\_\_\_  
 Z: AR21  
 SEMESTER: 2  
 SECTION: C



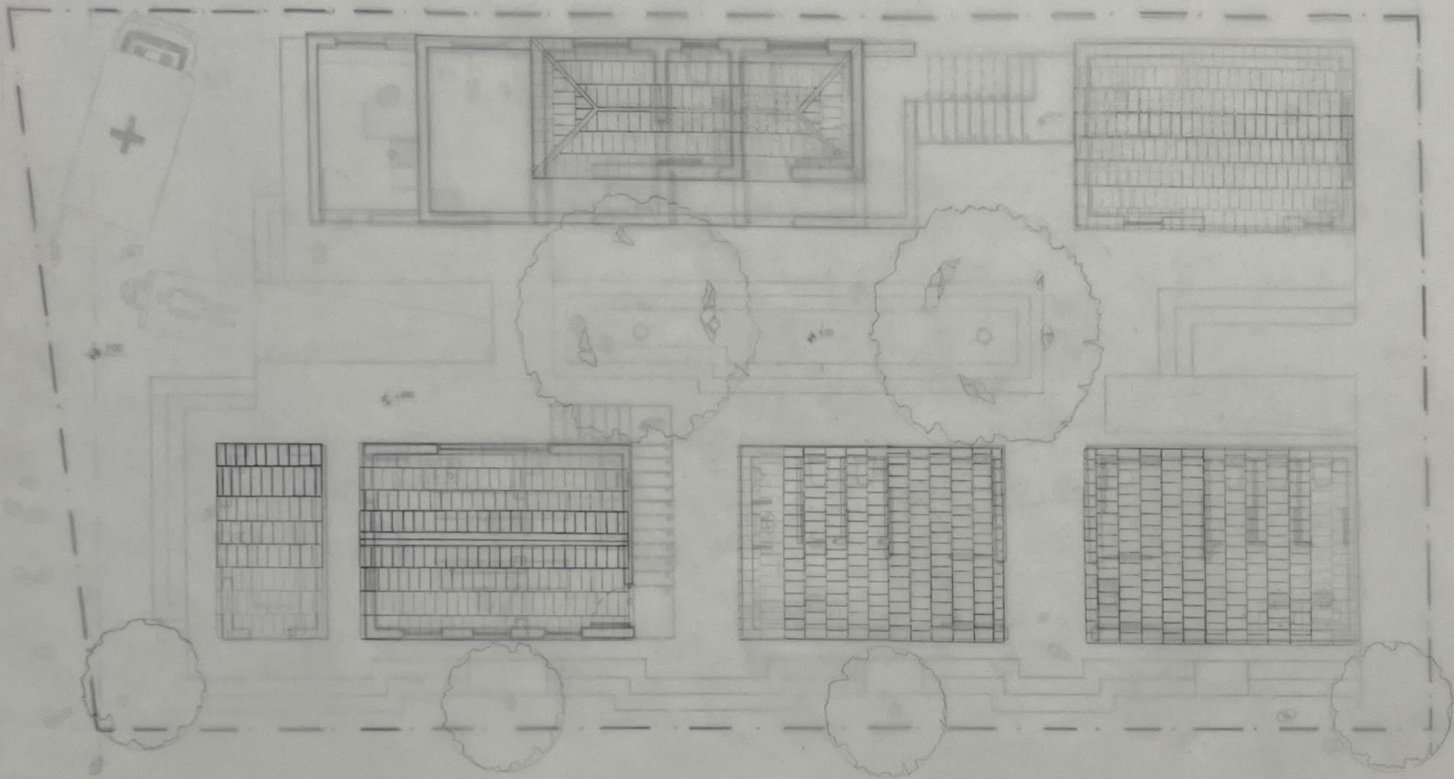
RV COLLEGE OF ARCHITECTURE  
 BANGALORE  
 MARCH 2022-27



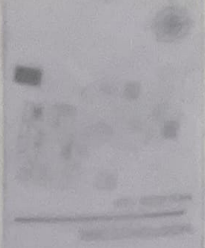
RV COLLEGE OF ARCHITECTURE, BANGALORE	
Class Teacher:	(Signature with date)
Examiner 1:	(Signature with date)
Examiner 2:	(Signature with date)
Director:	(Signature with date)
Examiner 3:	(Signature with date)
Examiner 4:	(Signature with date)
Examiner 5:	(Signature with date)

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DATE: 2010

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ARCHITECTURAL DESIGN II

NAME: ...

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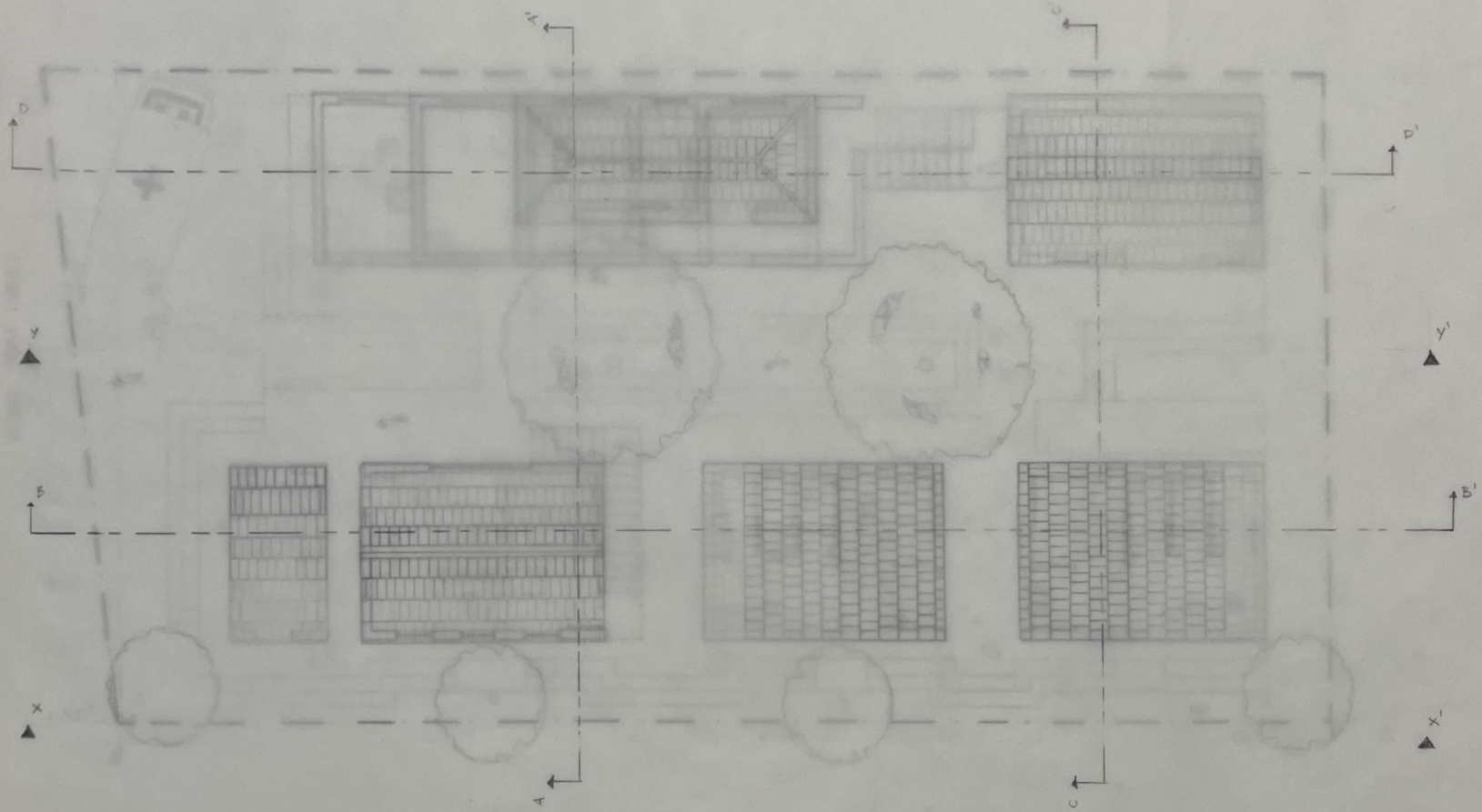
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 DATE: ... ..  
 CHECKED BY: ... ..  
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SHEET CONCLUSION:

SHEET TITLE: SECTIONS AND ELEVATIONS

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Kodluya Karamahalli, A Settlement Study

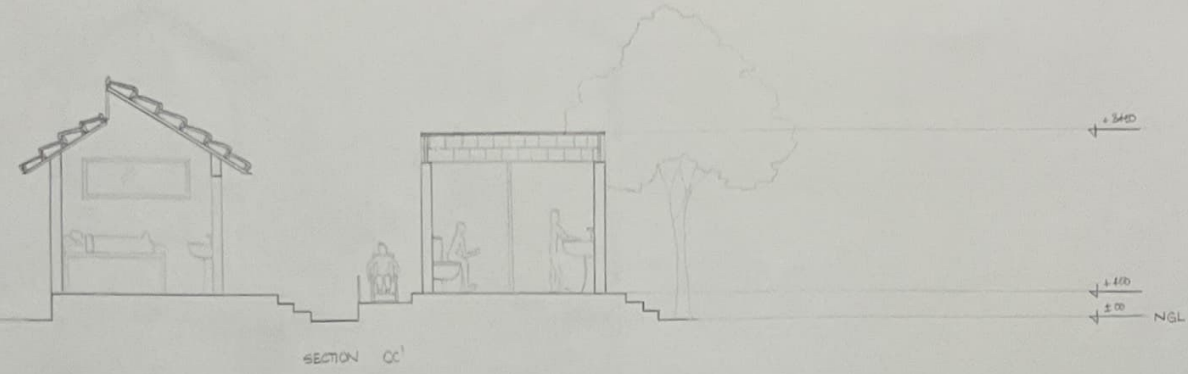
ARCHITECTURAL DESIGN - II

NAME: VINAYA KARENBE M

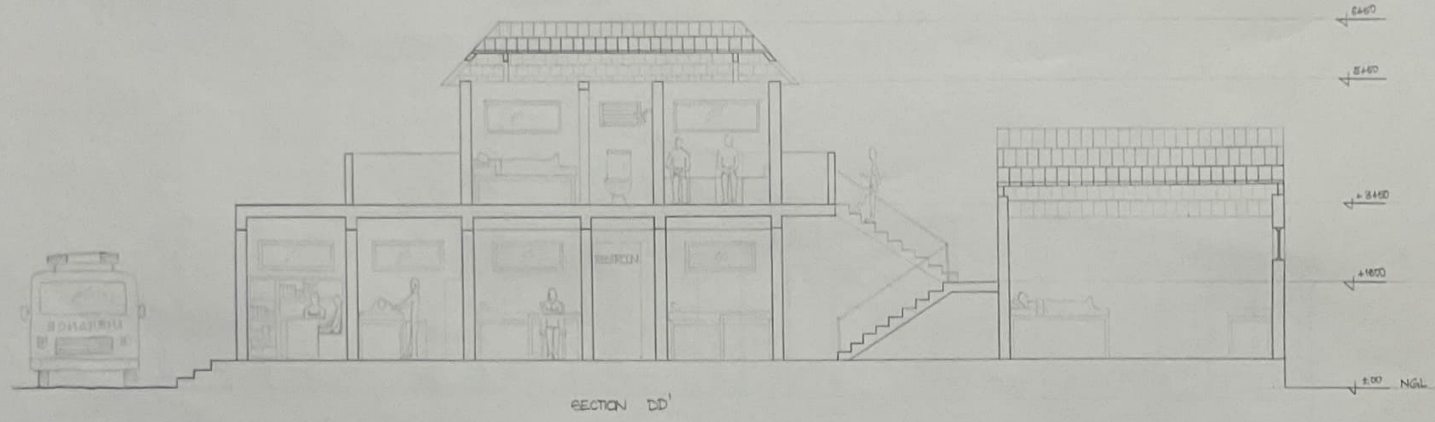
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SEMESTER-2  
SECTION-C



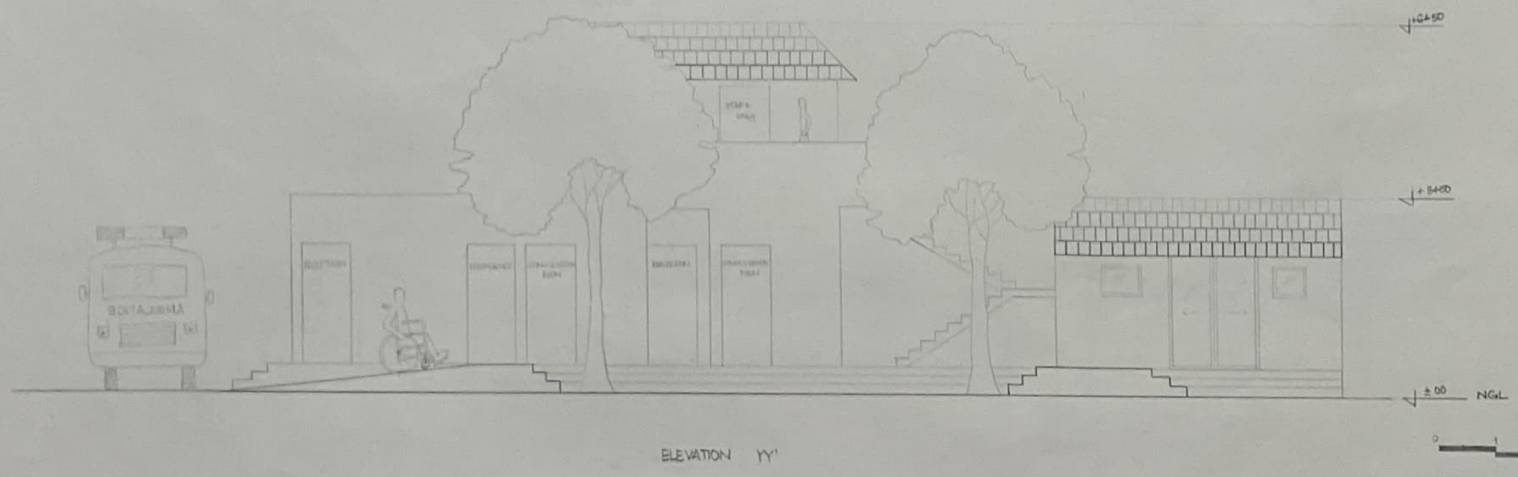
RV COLLEGE OF ARCHITECTURE  
BANGALORE  
BATCH 2022-27



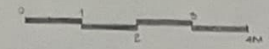
SECTION CC'



SECTION DD'



ELEVATION YY'



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Drawn by: \_\_\_\_\_  
Checked by: \_\_\_\_\_  
Date: \_\_\_\_\_



SITE-1 ROOF PLAN

SHEET CONCLUSION:

SHEET TITLE: SECTIONS AND ELEVATIONS

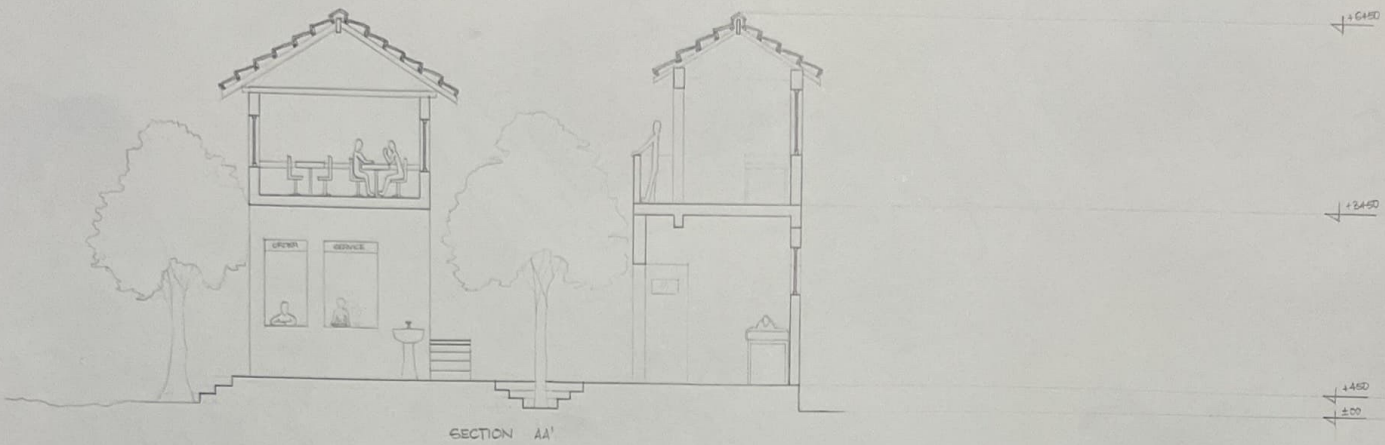
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Kodlaya Karemahalli, A Settlement Study

ARCHITECTURAL DESIGN - II

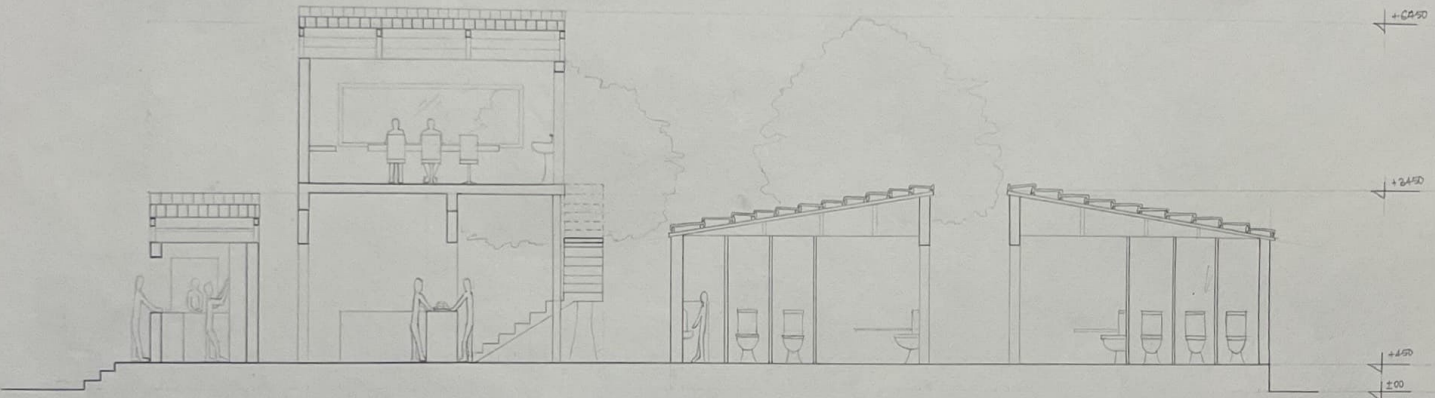
NAME: VINAYA KARNAB

USN: 18V33-ATT15-21AR21  
SEMESTER-2  
SECTION-C

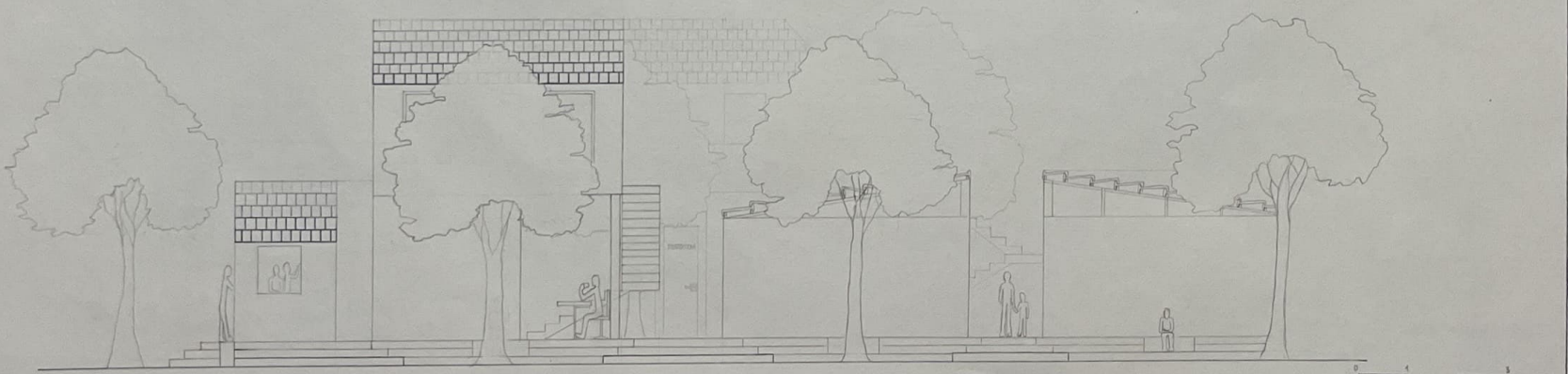
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SECTION AA'



SECTION BB'



ELEVATION XX'

Class Teacher (Signature with date)	
Examiner 1 (Signature with date)	
Examiner 2 (Signature with date)	