

# PRIMARY SCHOOL :-

A SCHOOL FOR CHILDREN BETWEEN AGE [FIVE AND SEVEN] FORMAL EDUCATION BEGIN IN PRIMARY SCHOOL AGE [7 TO 11]

**ANTHROPOMETRY** IS THE STUDY OF HUMAN BODY MEASURES ESPECIALLY ON A COMPARATIVE BASIS.

## SPACES IN PRIMARY SCHOOL

- \*) CLASS ROOM
- \*) RECEPTION AREA
- \*) CORRESPONDENT ROOM WITH TOILET
- \*) PRINCIPAL ROOM WITH TOILET
- \*) STAFF ROOM
- \*) TOILETS
- \*) STORAGE ROOM
- \*) WORKS AREA
- \*) SPORTS ROOM
- \*) MEDICAL ROOM
- \*) DINNING AREA
- \*) PARKING AREA
- \*) COMPUTER LAB
- \*) LIBRARY
- \*) INDOOR PLAY AREA
- \*) PLAY GROUND
- \*) OUT DOOR SEATING AREA
- \*) GARDEN AREA
- \*) PUPILS COMMON AREA
- \*) AUDITORIUM
- \*) SECURITY ROOM
- \*) MECHANICAL ROOM
- \*) ASSEMBLY HALL WITH STAGE
- \*) CAFETERIA.

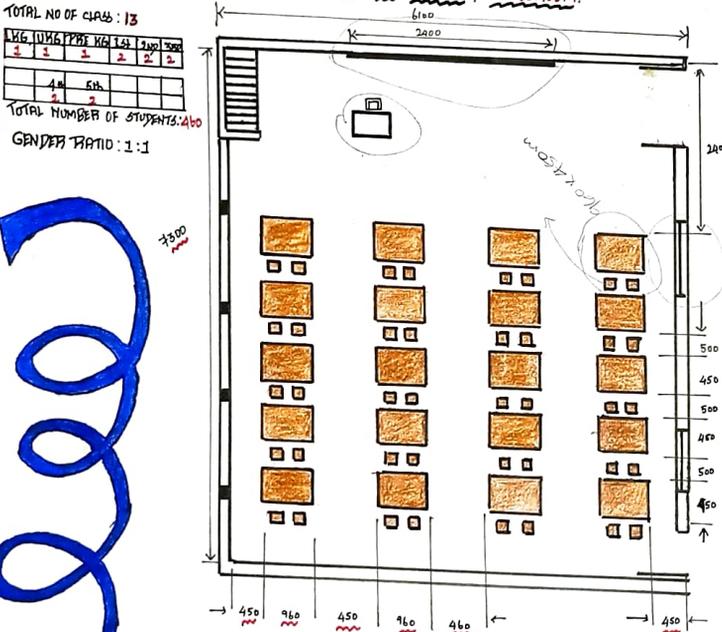
AGE	HEIGHT IN INCH/CM
3	33.1 in / 0.9m
4	40 in / 1m
5	44 in / 1.1m
6	46 in / 1.17m
7	48 in / 1.2m
8	50 in / 1.27m
9	52 in / 1.3m
10	54 in / 1.37m
11	56 in / 1.4m

## AREA OF CLASSROOM:

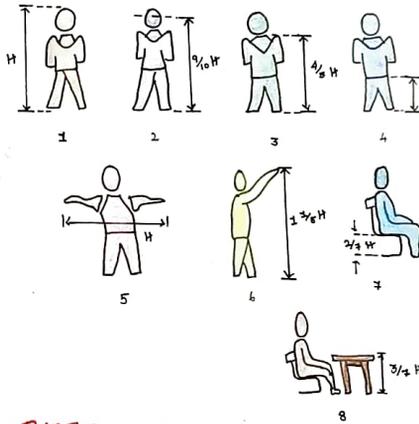
A AREA OF CLASS ROOM SHOULD BE CALCULATED ON THE BASIS OF AREA NEEDED PER STUDENTS.

CATEGORY	NO. OF STUDENT PLACES PER CLASS	GROSS AREA OF CLASSROOM IN M <sup>2</sup>
PRIM - SCHOOL	20-25	2.00
PRIMARY JUNIOR	40	1.11
W/ WITH SEATING	40	0.74

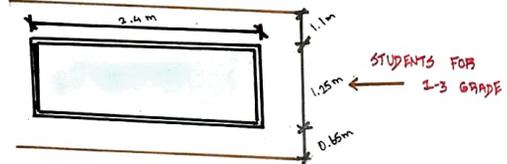
## TYPICAL DISTRIBUTION OF THE PRIMARY CLASSROOM.



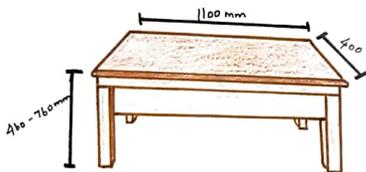
## DIMENSIONS AND CLEARANCES FOR CHILDREN



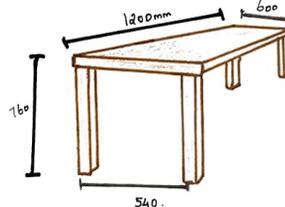
## BOARD DIMENSIONS.



### STUDENT TABLE



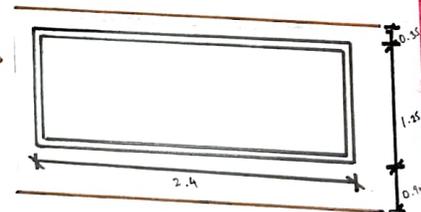
### STAFF TABLE



### STAFF CHAIR



### STUDENT CHAIR

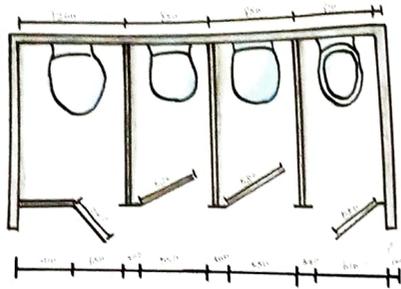


## CUPBOARDS IN SCHOOL

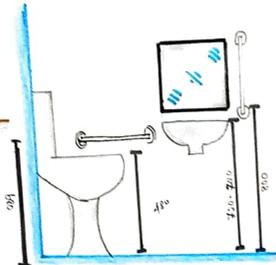
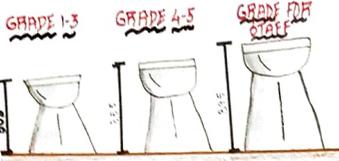


ALL DIMENSION ARE IN MM

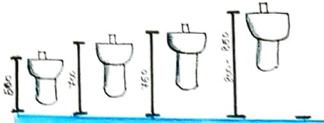
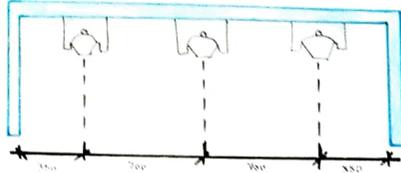
TOILET SIZE



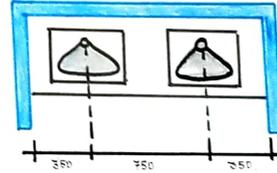
WATER CLOSET



WHEEL CHAIR ACCESSIBLE TOILET

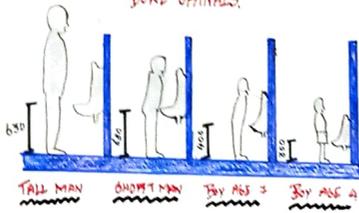


WASH BASIN



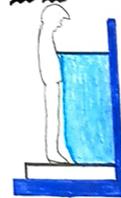
WASH BASIN

BOWL URINALS

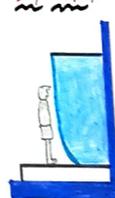


	THE SCHOOL	SCHOOL
WATER CLOSET	1 PER 15 PUPILS	1 PER 20 PUPILS
URINAL	1 PER 20 PUPILS	1 PER 20 PUPILS
WASH BASIN	1 PER 20 MEMBER OF STAFF	1 PER 20 MEMBER OF STAFF

TALL MAN

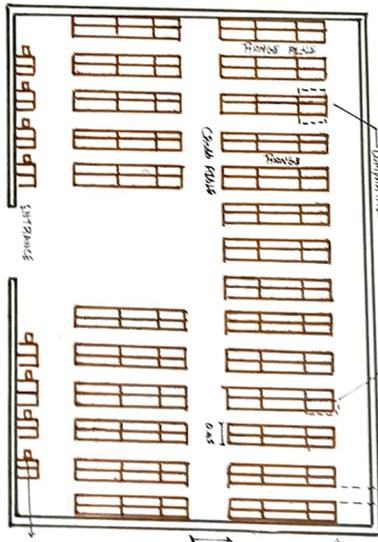


BOY AGE 4



STALL URINAL

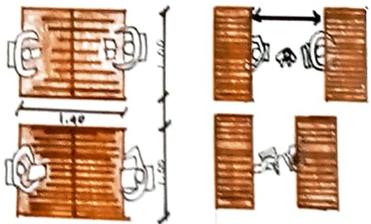
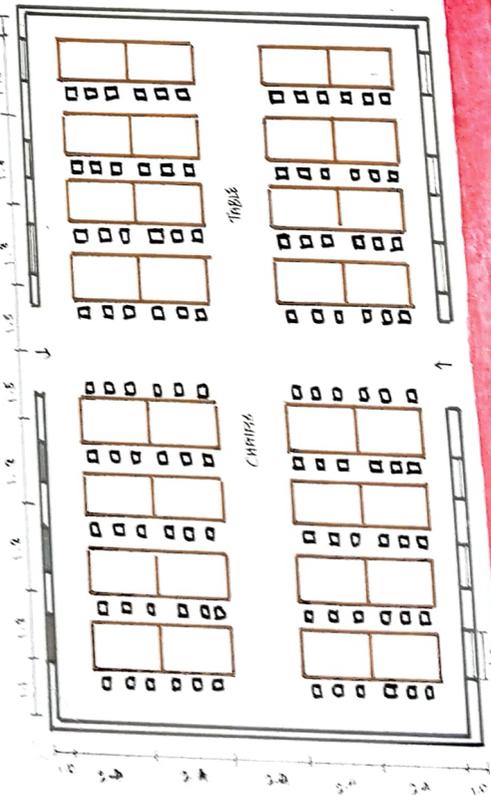
LIBRARY



INSIDE STACK REFERENCE ROOM

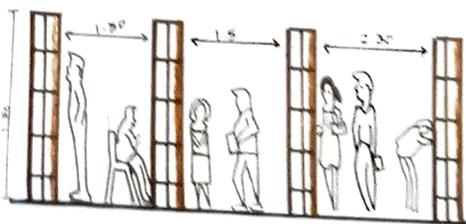
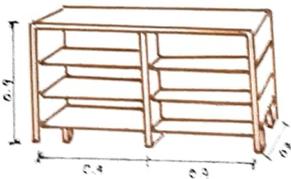


MINIMUM SIZE SHOULD BE MAINTAINED FULLY EQUIPPED FOR BOOK READING FROM FLOOR TO CEILING.



MINIMUM DISTANCE BETWEEN TABLE

LOW LEVEL SHELVES FOR DISPLAY



# CASE STUDY.



**LOCATION:** - PALLANPURAYAM, TAMIL NADU

**TOTAL AREA:** -

**PROJECT YEAR:** - 2021

**ARCHITECTS:** - *(Handwritten name)*

**PROJECT TYPE:** - School

**GEOLOGY:** - IN THIS AREA MOSTLY UNDERLAIN BY THE ARCHAEAN CRYSTALLINE AND METAMORPHIC COMPLEX

**SOIL TYPOLOGY:** - GRAVELLY, STONY AND SANDY OF THE

**RIP VARIETY**

**HYDROGRAPHY:**

(2013 - 2021) WATER LEVEL IN NEARBY DISTRICT

Village	Year	Water Level	Remarks
Madhavapuram	2014	2.74	2.99

## CONSTRUCTION TECHNOLOGIES AND MATERIALS.

MATERIALS EASILY AVAILABLE IN THAT REGION ARE:

- \*) STEEL
- \*) CONCRETE
- \*) WOOD
- \*) STONE
- \*) BRICK (MASONRY)

**MOSTLY USED MATERIALS.**

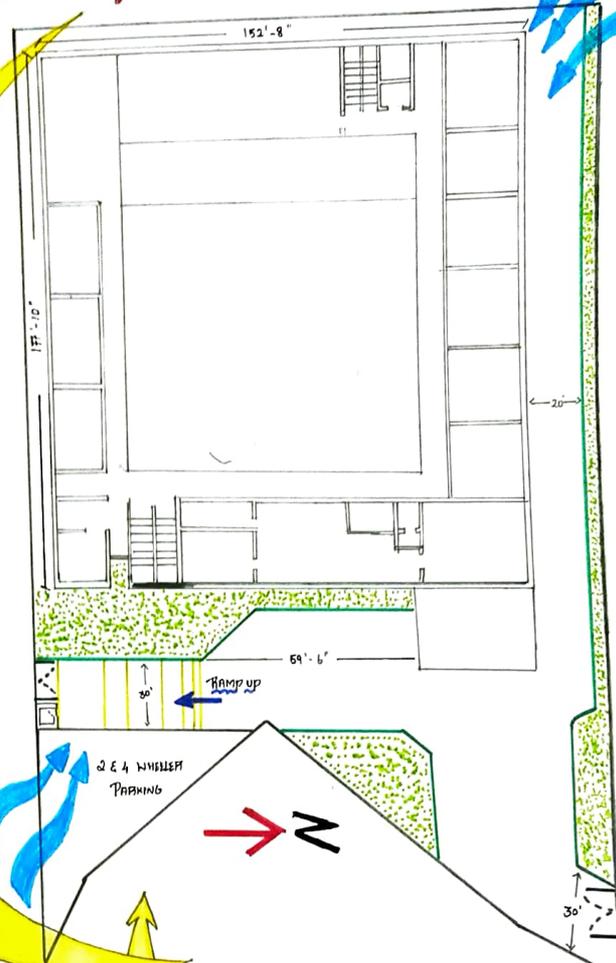
- \*) FLY ASH BRICKS
- \*) CONCRETE
- \*) STEEL

**SITE PLAN WITH SUN PATH AND WIND PREVAILING.**

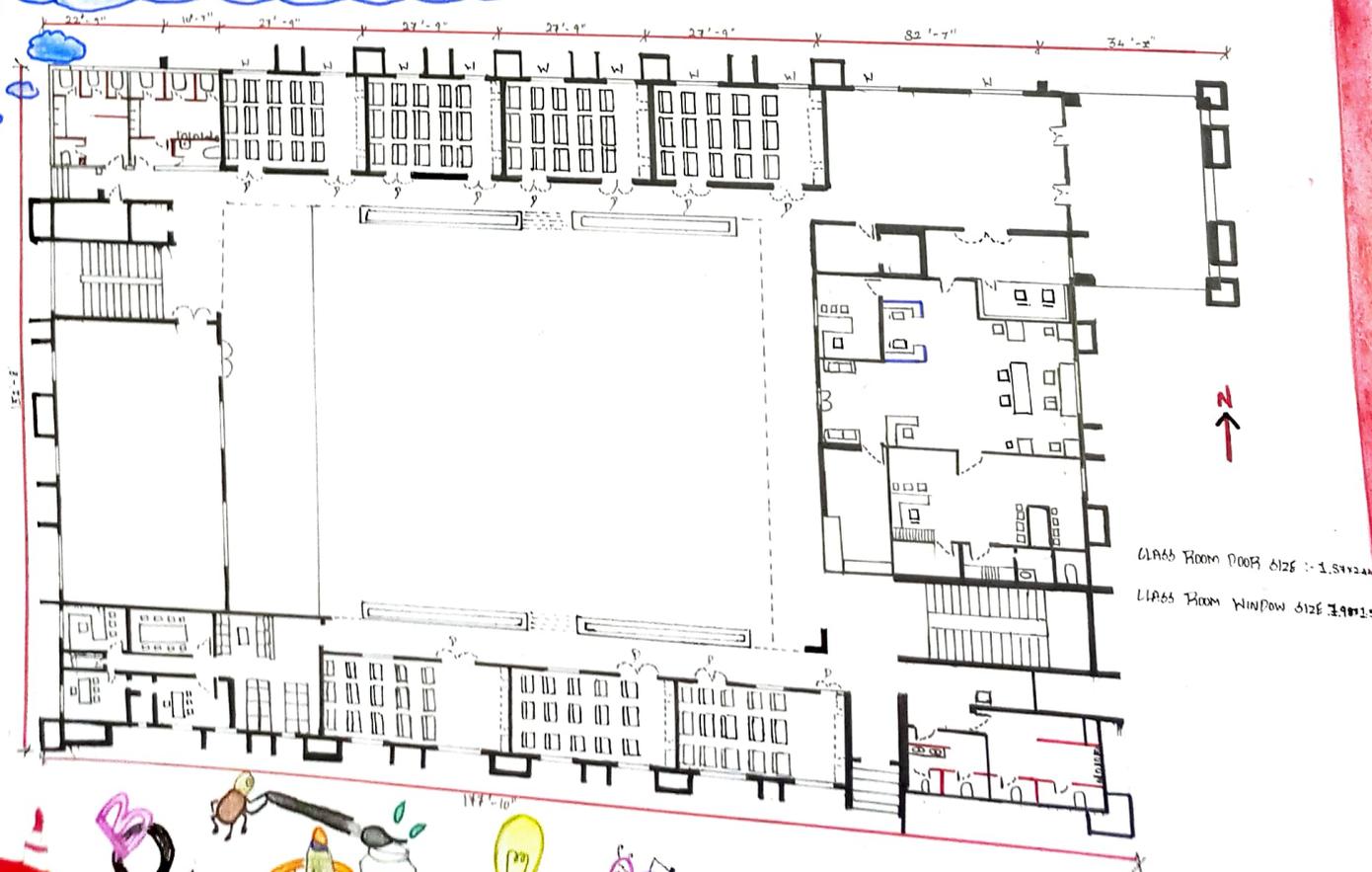
SUN PATH: - EAST TO WEST

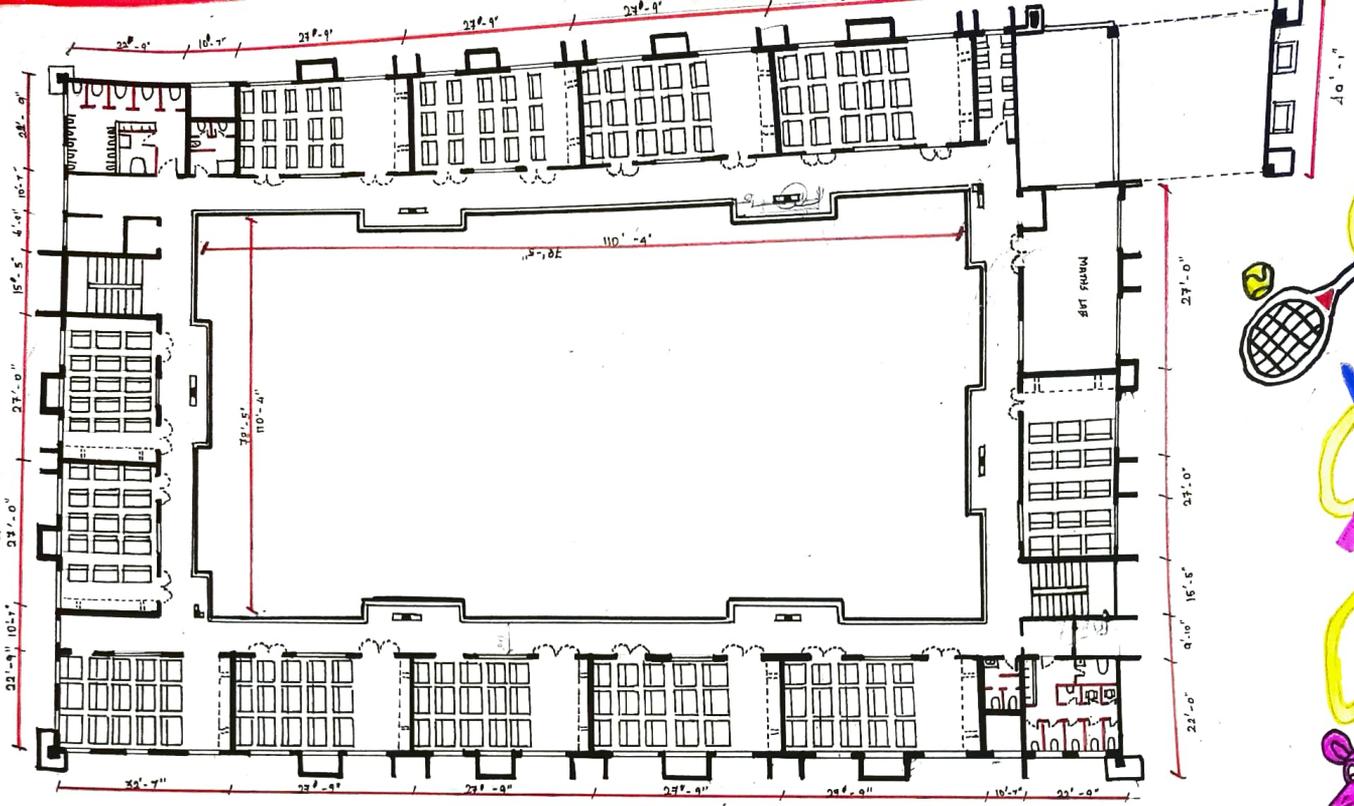
WIND PREVAILING: - NORTHEAST

TECHNOLOGIES USED IN THAT REGION. SEARCH FOR LOCAL TECHNOLOGIES THAT ARE KNOWN AMONG THE LOCAL LABORERS.



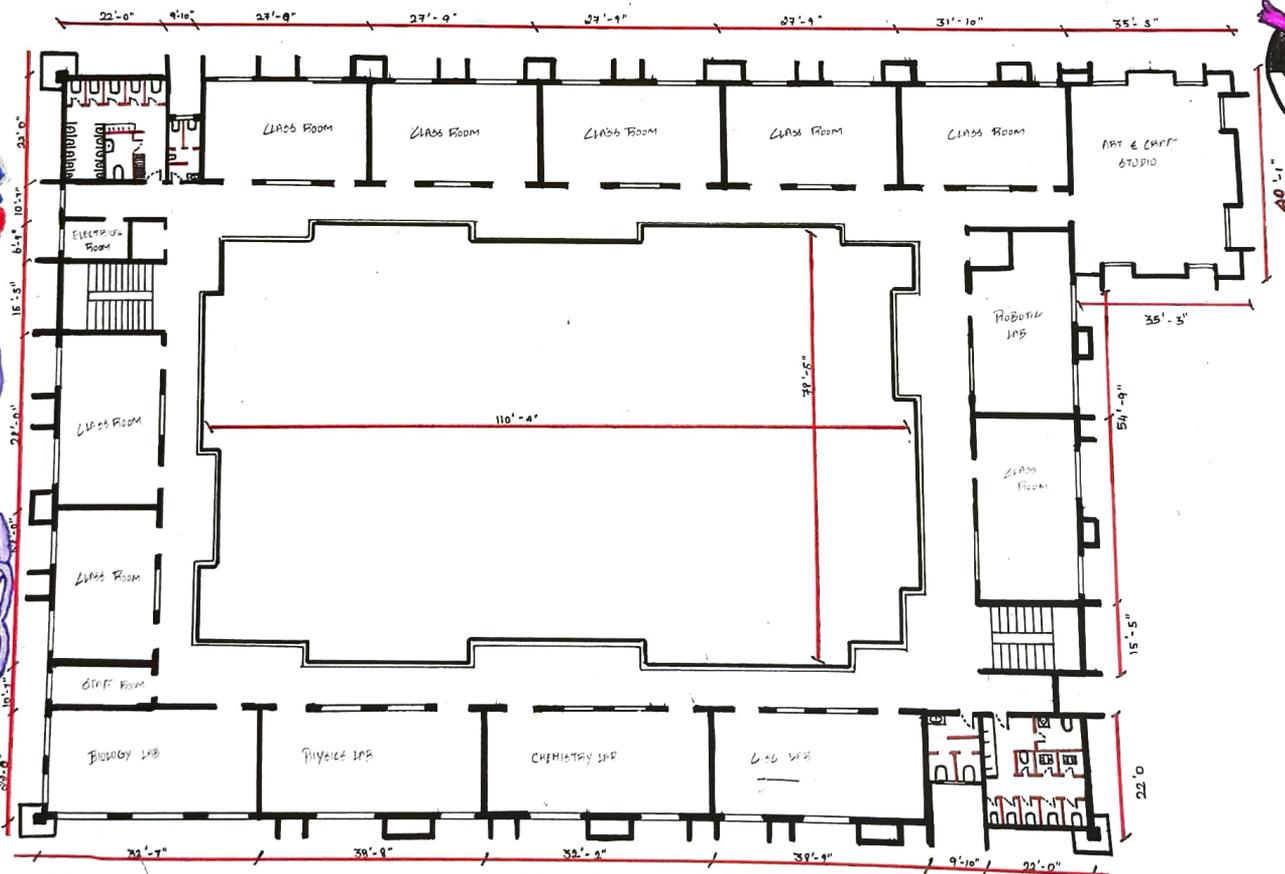
## GROUND FLOOR PLAN...





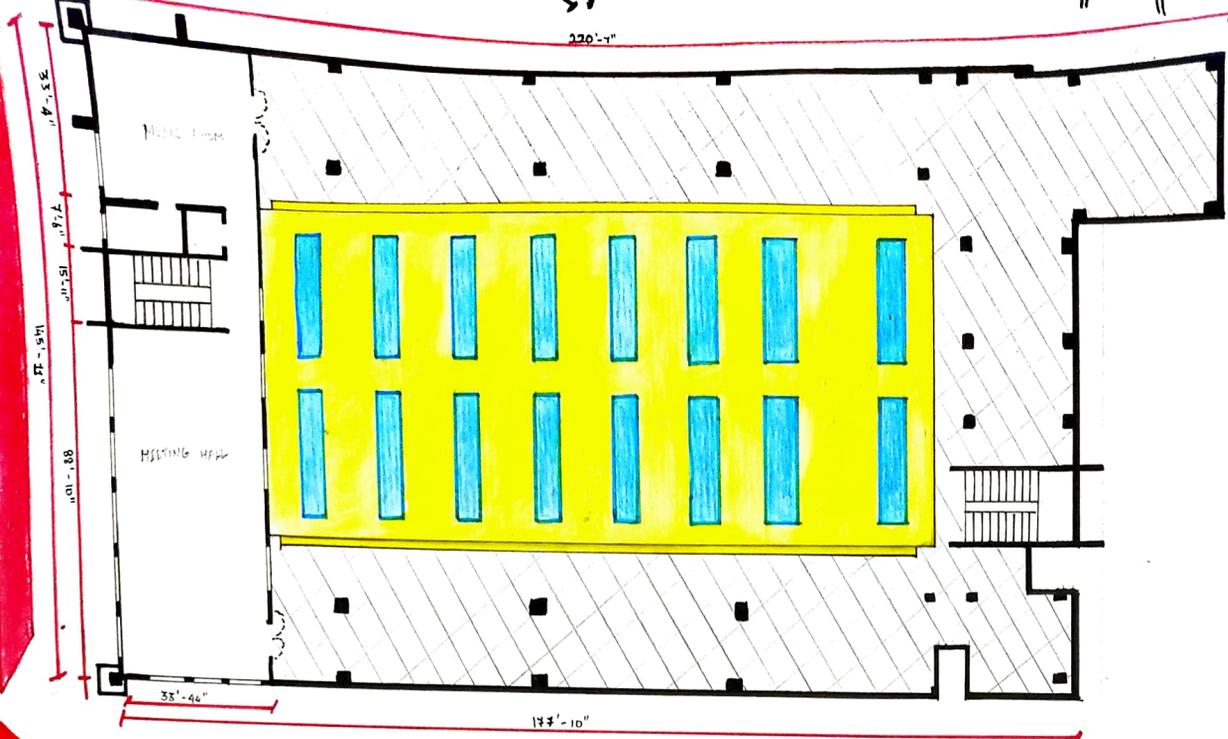
**FIRST FLOOR PLAN** ↑

**SECOND FLOOR PLAN** ↓



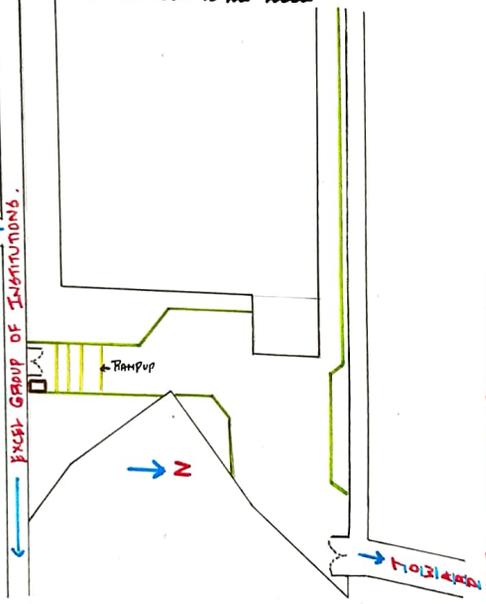
FROM THIS STUDY IN A SCHOOL GROUND FLOOR THERE ARE SEVEN CLASS ROOM ARE THERE. SIZE OF THE EACH CLASS ROOM ARE  $22' \times 23'$  IN THE SOUTH EAST OF THE GROUND FLOOR THERE IS A STAFF TOILET SIZE OF THE MALE STAFF TOILET IS  $22' \times 11'$  AND FEMALE STAFF TOILET IS  $22' \times 11'$  AND IN NORTH WEST OF GROUND FLOOR THERE IS MIDS BOYS AND GIRLS TOILET AND THE SIZE IS  $22' \times 31'-4"$  AND IN A EAST WEST SOUTHWEST DIRECTION OF THE GROUND FLOOR THERE ARE CHAIRMAN ROOM  $16' \times 16'$ , VICE CHAIRMAN ROOM  $16' \times 16'$ , CONFERENCE ROOM  $10'-9" \times 14'-1"$  RECREATION HEAD ROOM  $10'-9" \times 16'-0"$ , OPEN OFFICE  $13'-10" \times 15'-5"$  AND WAITING LOUNGE  $10'-10" \times 13'-3"$  AND IN GROUND FLOOR THERE IS A LIBRARY  $32'-7" \times 54'-9"$  IN A NORTH EAST THERE ARE PRINCIPAL ROOM  $16'-3" \times 22'-0"$ , STAFF ROOM  $22'-4" \times 10'-3"$ , EXECUTIVE ROOM  $16'-3" \times 10'-7"$  CASH COUNTER  $9'-6" \times 9'-10"$  RECEPTION  $14'-11" \times 11'-3"$  AND THE LARGE KINDER GARDEN PLAY AREA  $110'-4" \times 78'-5"$ . IN FIRST FLOOR THERE ARE 12 CLASS ROOM, THE SIZE OF THE EACH CLASS ROOM IS  $22' \times 23'$ , STAFF ROOM  $22' \times 10'$ , MATHS LAB  $22' \times 22'$ , STUDENTS GIRLS TOILET  $22' \times 22'$ , STUDENTS BOYS TOILET  $22' \times 22'$ , LADIES STAFF TOILET  $14' \times 9'$ , GENTS STAFF TOILET  $14' \times 9'$ , ELECTRICAL ROOM  $6'-9" \times 14'-6"$  IN SECOND FLOOR THERE ARE 8 CLASSROOM, AND SIZE OF THE EACH CLASS ROOM IS  $22' \times 23'$ , STAFF ROOM  $9'-10" \times 22'-0"$ , GENTS STAFF TOILET  $14' \times 9'$ , ELECTRICAL ROOM  $6'-9" \times 14'-6"$   $22' \times 22'$  STUDENT GIRLS TOILET  $22' \times 22'$  LADIES STAFF TOILET  $14' \times 9'$  GENTS STAFF TOILET  $14' \times 9'$  ELECTRICAL ROOM  $6'-9" \times 14'-6"$  STUDENTS BOYS TOILET PHYSICS LAB  $22'-0" \times 22'-2"$  L. BL LAB  $22'-0" \times 28'-9"$  ROBOTIC LAB  $24'-6" \times 22'-0"$  BIOLOGY LAB  $22'-0" \times 22'-7"$  CHEMISTRY LAB  $22'-0" \times 28'-8"$  LARGE MEETING HALL  $88'-2" \times 22'-7"$  AND MUSIC ROOM  $32'-7" \times 32'-7"$  AND ART & CRAFT STUDIO  $37'-8" \times 34'-3"$  IN A TERRACE FLOOR THERE IS A ELECTRICAL ROOM  $6'-9" \times 14'-6"$



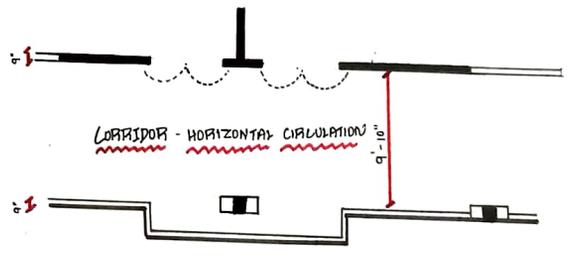


TERRACE FLOOR PLANE

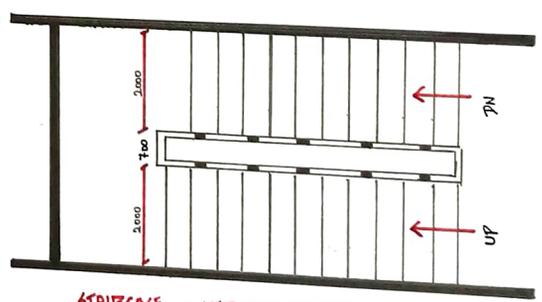
ACCESS AND APPROACH OF THE SCHOOL.



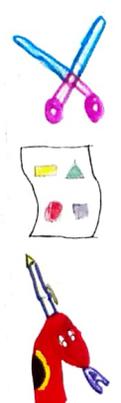
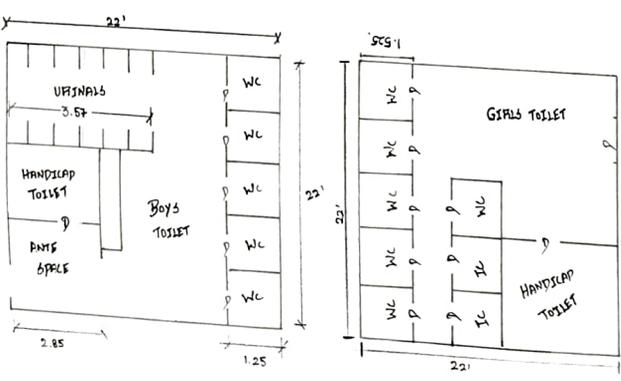
CIRCULATION - HORIZONTAL AND VERTICAL



CORRIDOR - HORIZONTAL CIRCULATION



STAIRCASE - VERTICAL CIRCULATION

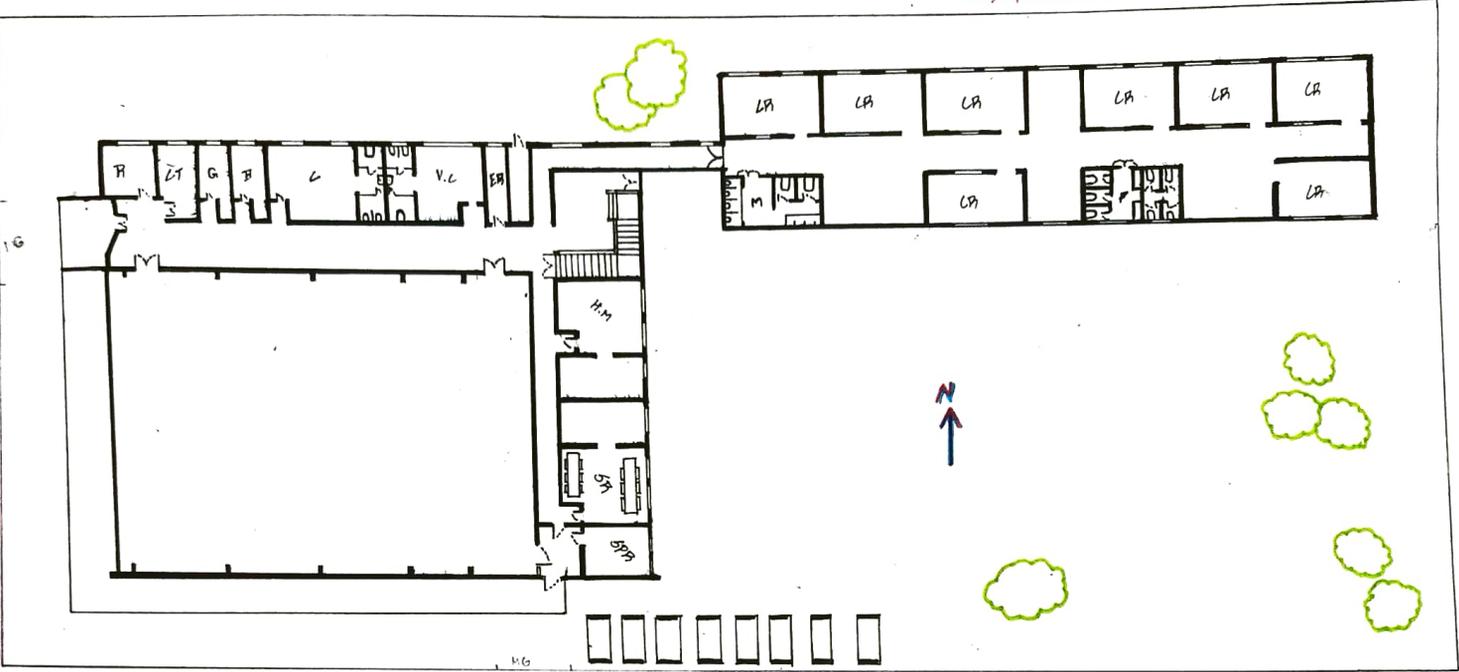
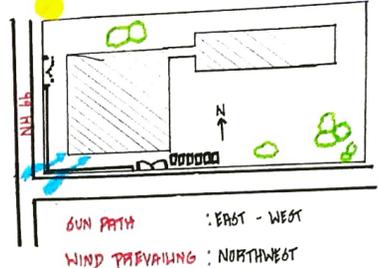


# CASE STUDY

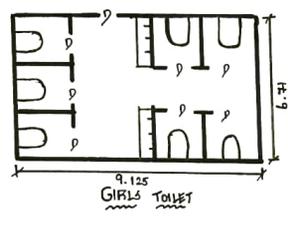
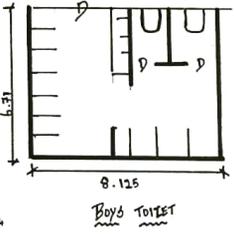
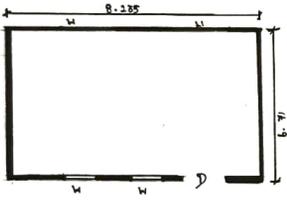
## COLLODI PRIMARY SCHOOL

COUNTRY	INDIA
STATE	KARNATAKA
AREA	2500 m <sup>2</sup>
YEAR	2021
ARCHITECT	SETTANTA
BUILDING TYPE	PRIMARY SCHOOL

COLLODI PRIMARY SCHOOL IS LOCATED IN UDUPI  
MANGALURU NH 66, UDUPI, KARNATAKA

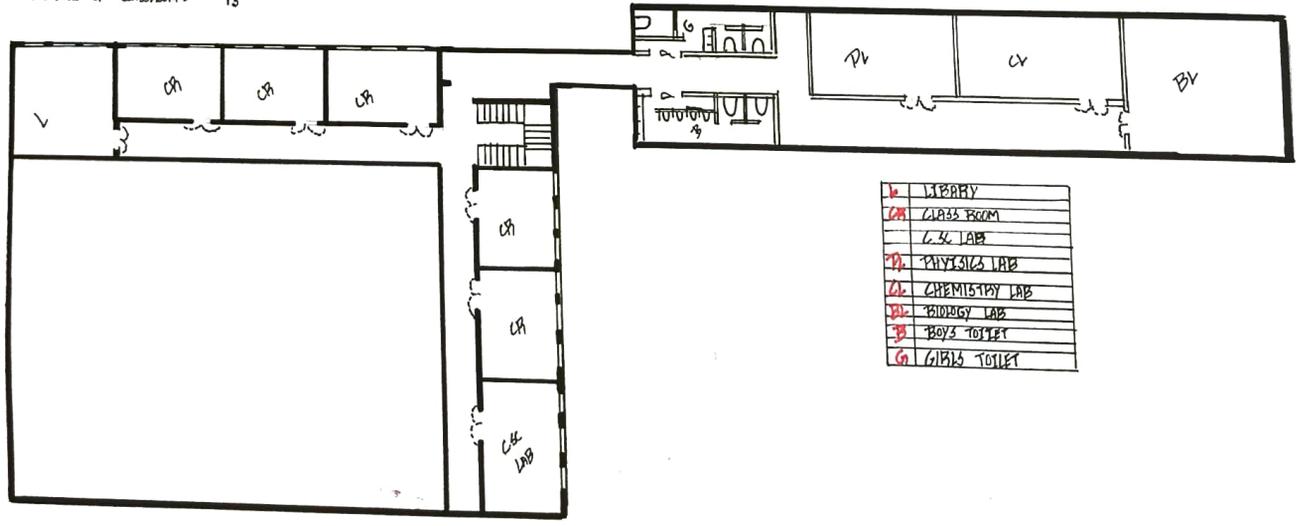


### SITE WITH GROUND FLOOR PLAN



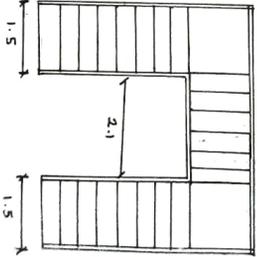
RA	RECEPTION
LT	COMMON TOILET (STAFF)
G	COMMON TOILET (GIRLS)
B	COMMON TOILET (BOYS)
C	CORRESPONDENT ROOM
VC	VILE CORRESPONDENT ROOM
EA	ELECTRICAL ROOM
HM	HEAD MASTER ROOM
SA	STAFF ROOM
SPA	SPORTS ROOM
CA	CLASS ROOM

NO OF STUDENTS IN A CLASS - 20  
D - DOOR - 1.87 x 2.24  
W - WINDOW - 1.98 x 1.525  
TOTAL NO OF CLASSROOM - 13

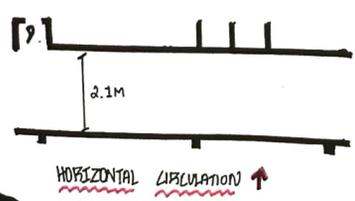


L	LIBRARY
CA	CLASS ROOM
	L.C. LAB
PA	PHYSICS LAB
CA	CHEMISTRY LAB
BA	BIOLOGY LAB
B	BOYS TOILET
G	GIRLS TOILET

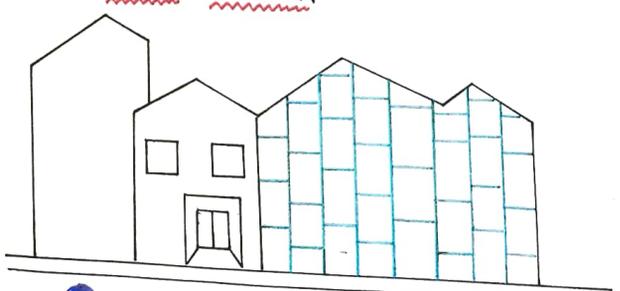
### VERTICAL CIRCULATION ↓



### FIRST FLOOR PLAN ↑

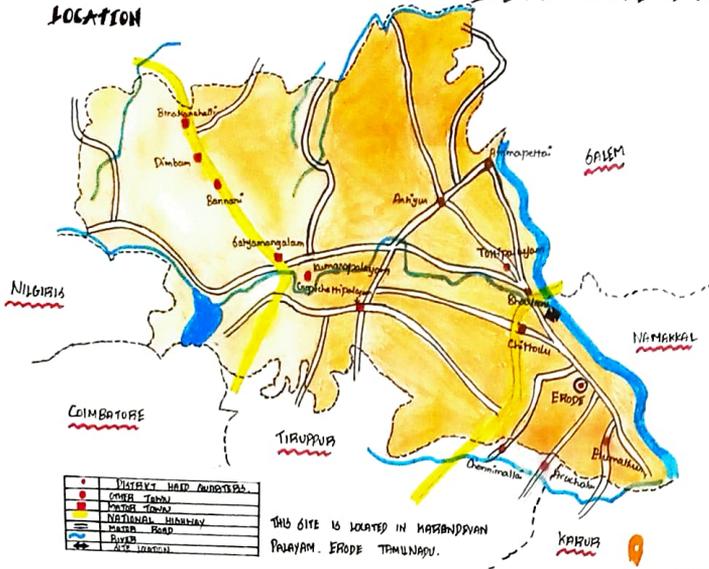


### FRONT ELEVATION



# SITE ANALYSIS

## LOCATION



Water	Blue
Highway	Yellow
National Highway	Red
State Road	Green
Site Location	Red Pin

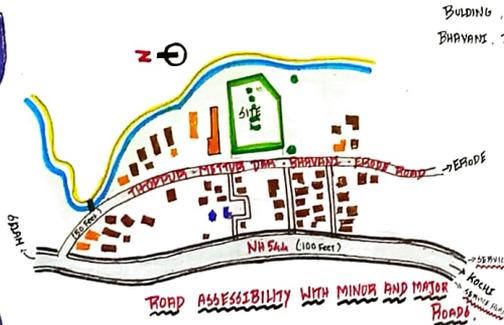
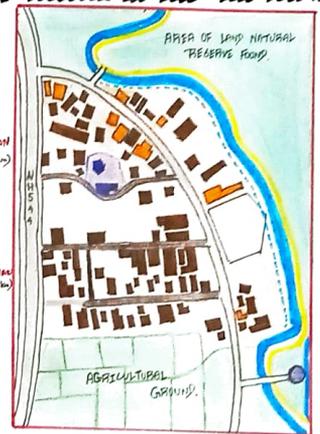
- SRI VASAVI COLLAGE (1.0 km - 2 min)
  - GOVERNMENT COLLEGE OF ENGINEERING, ERODE (9.0 km - 13 min)
  - PARITALAKSHMI TEXTILE PROCESSING (600m - 1 min)
  - GOVERNMENT WATER PROCESSING AND PUMPING STATION (250m - 3 min)
  - KALINGARAYAN ANICUT (2.9 km - 37 min)
  - BHAVANI KOODUTHURAI (MUKUDAL)
  - SRI VASAVI SCHOOL (1.0 km - 2 min)
- NEAR By Bus stops  
○ → MEHANDRA WATER TREAT PLANT.

DISTANCE AND TIME TRAVELS BETWEEN SITE AND RELATED LOCATIONS.

## HISTORICAL BUILDING NEAR BY SITE

SANGAMESHWARAN TEMPLE GARDEN, MUKUDAL IS A HISTORICAL BUILDING, WHICH IS LOCATED 3.5 km AWAY FROM OUR SITE IN BHAVANI. IS A HINDU TEMPLE DEDICATED TO LORD SHIVA.

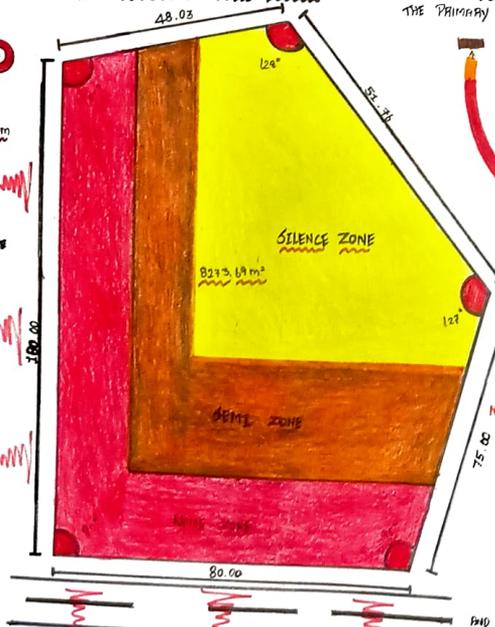
## SITE SURROUNDINGS WITH MAJOR ROADS, MINOR ROAD



## SITE ACCESSIBILITY - BOUNDARIES.

- \* IN NORTH SIDE THERE IS A IRON MADE BOUNDARIES (WALL)
- \* IN EAST SIDE THERE IS A NATURAL BOUNDARIES (CANAL)
- \* IN SOUTH SIDE THERE IS A NO BOUNDARIES
- \* IN WEST SIDE THERE IS A STATE HIGHWAY

## SITE DIMENSION WITH ACROUATIC



## HEIGHT RESTRICTIONS.

BUILDING NOT EXCEEDING 12.30 m IN HEIGHT.

## SOIL TYPE :

GRAVELLY, STONY AND SANDY OF THE TEP VARIETY.

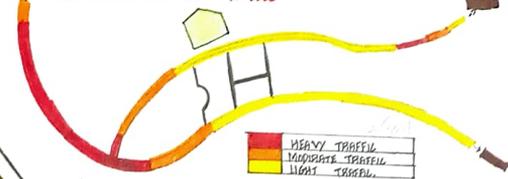
## SITE AREA

THE TOTAL AREA OF THE SITE IS (2.044 ) ACRES

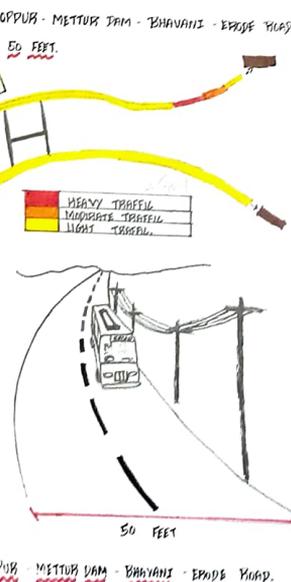
## VEHICULAR CIRCULATION:

THE PRIMARY ROAD FOR THE SITE IS THOPPUR - METTUR DAM - BHAVANI - ERODE ROAD

SIZE OF THE ROAD IS : 50 FEET.



## CIRCULATION



**PUBLIC TRANSPORT :** - THE MAJOR BUS STAND FOR THE SITE IS NEAR BY SRI VASAVI COLLAGE AND THAT CONNECTED WITH LOCAL BUSES TO REMAIN PARTS OF THE DISTRICT OF ERODE TOWD THE CITY BUSES. THE SITE BEHINDS ON TWO MAJOR NATIONAL HIGHWAYS NH544, NH544 W. SURROUNDINGS, AIRPORT, THROUGH BY CONNECTED THOPPUR, ERODE. THE MAJOR TRANSPORTATION HUB FOR THE SITE IS SRI VASAVI COLLAGE



SITE ANALYSIS

- ROAD NOISE
- ELECTRICAL POLES
- PROPOSED ELEVATION
- LOW ELEVATION
- APPROACH OF SITE
- TRANSFORMERS
- DRAIN

HUMAN AND CULTURE

SUN PATH :- EAST - WEST.

WIND DIRECTION :- NORTHEAST

CLIMATE ANALYSIS

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HIGH	81°F	83°F	87°F	90°F	93°F	96°F	98°F	98°F	94°F	91°F	87°F	84°F
AVG	58°F	62°F	68°F	72°F	76°F	79°F	80°F	80°F	78°F	75°F	71°F	67°F
LOW	42°F	45°F	50°F	54°F	58°F	61°F	62°F	62°F	60°F	57°F	53°F	50°F

TEMPERATURE ANALYSIS

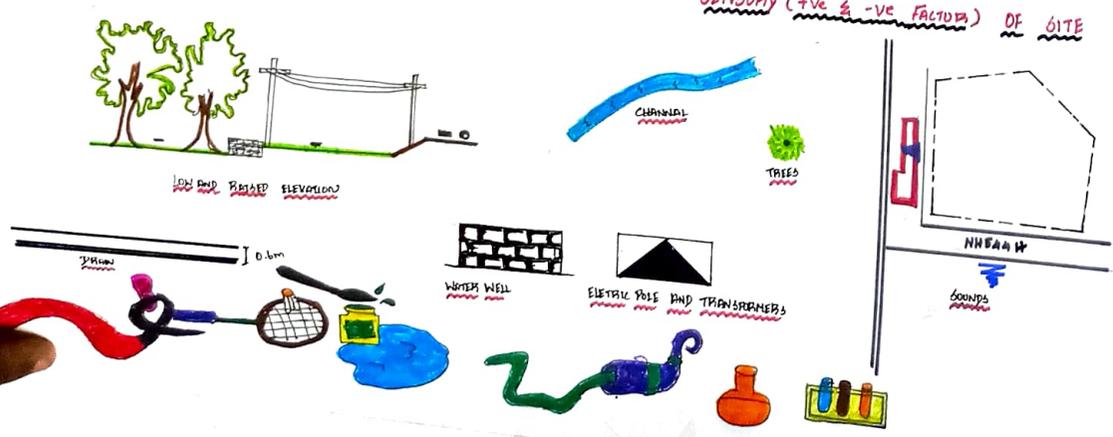
RAINFALL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
AVG	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"

RAINFALL ANALYSIS

WIND SPEED	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
AVG	6.0	5.8	5.6	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4

WIND SPEED ANALYSIS

SENSORY (+ve & -ve FACTOR) OF SITE





THIS ROOM IS EASILY ACCESSIBLE FROM CLASS ROOMS (L&S) AND OFFICE ROOMS AND IT IS A VERY LEAS NOISE AND PRIVATE ZONE

IT IS VERY NEAR FROM ASSEMBLY GROUND AND IT IS LEAS NOISE AND PRIVATE ZONE

IT IS CONVENIENT DISTANCE FROM STUDY ROOMS AND CLASS ROOMS AND LEAS NOISE ZONE

IT IS CONVENIENT DISTANCE FROM THROUGH ROOM AND ADMINISTRATION BLOCK

IT IS CONVENIENT DISTANCE FROM ADMINISTRATION BLOCK

CONVENIENT DISTANCE FROM PLAY GROUND AND LEAS NOISE ZONE - SEMI PUBLICLY ACCESSIBLE

CONVENIENT DISTANCE FROM ASSEMBLY GROUND AND PLAY GROUND

IT HAS MODERATE NOISE ZONE

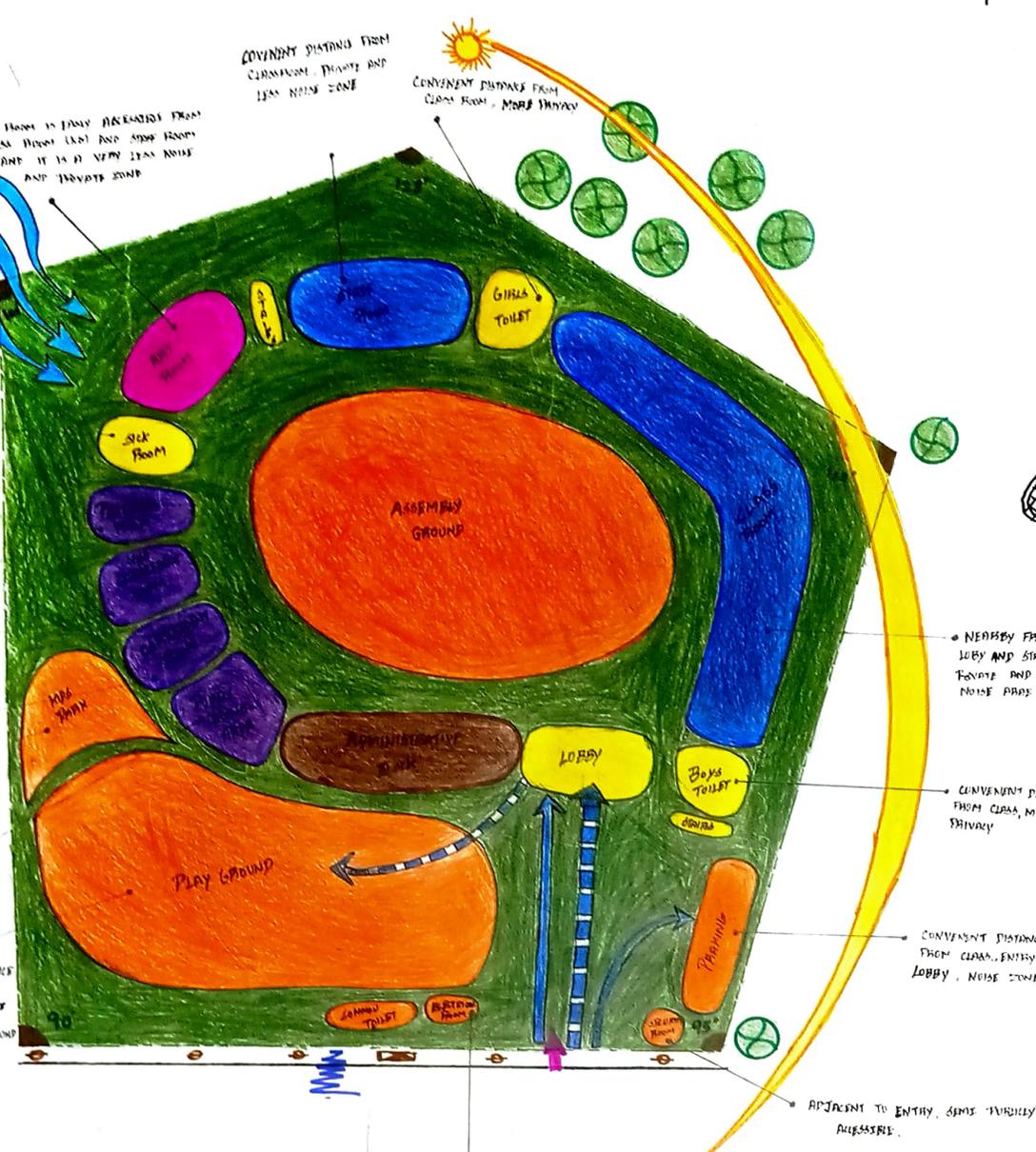
AND THE NEIGHBOURHOOD ALSO GET THE BUREAU AIR

CONVENIENT DISTANCE FROM CLASSROOMS, PRIVATE AND LEAS NOISE ZONE

CONVENIENT DISTANCE FROM CLASS ROOMS, MORE PRIVATE

- VEHICULAR ACCESS
- PEDESTRIAN ACCESS
- WIND DIRECTION
- ELECTRICAL POST
- ELECTRICAL TRANSFORMER
- NOISE
- ENTRY

# SITE ZONE



NEARBY FROM LOBBY AND STAFF ROOMS AND LEAS NOISE ZONE

CONVENIENT DISTANCE FROM CLASS, MORE PRIVATE

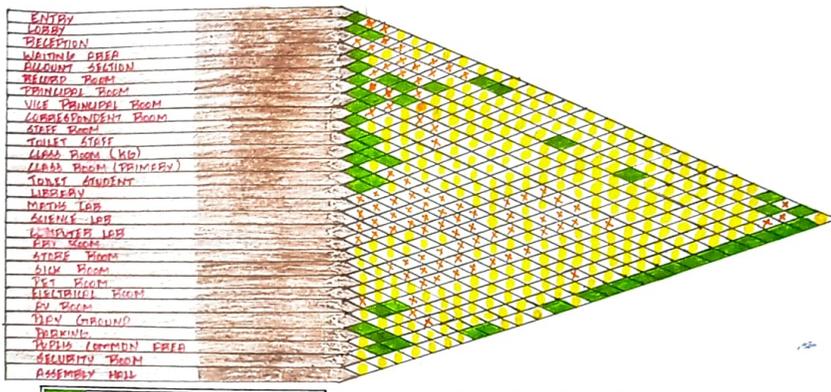
CONVENIENT DISTANCE FROM CLASS, ENTRY, LOBBY, NOISE ZONE

ADJACENT TO ENTRY, SEMI PUBLICLY ACCESSIBLE

CONVENIENT DISTANCE FROM ENTRY AND THROUGH AND IT IS PUBLICLY ACCESSIBLE

CONVENIENT DISTANCE FROM ENTRY AND IT IS SEMI PUBLICLY ACCESSIBLE

# PROXIMITY BUBBLE DIAGRAM SITE ZONING...



Green square	NEARBY
Yellow square	ADJACENT
Red square	FAR

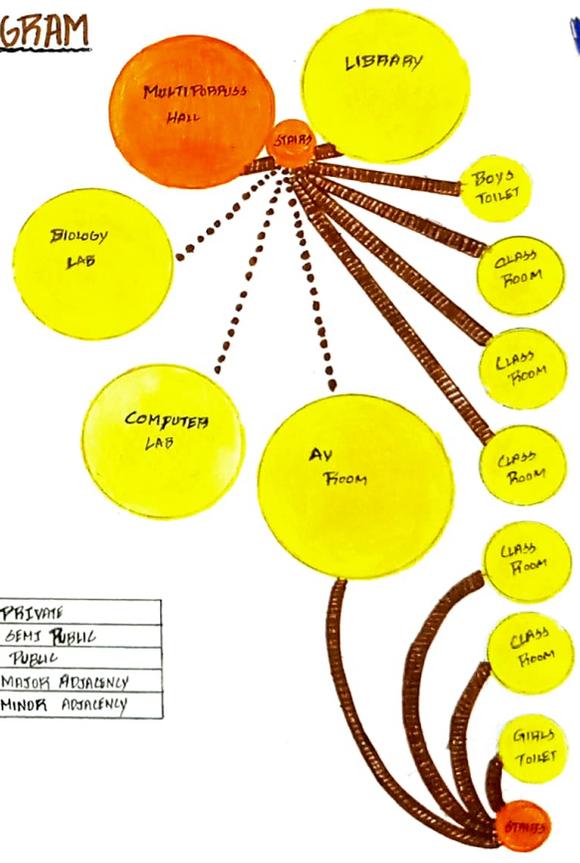
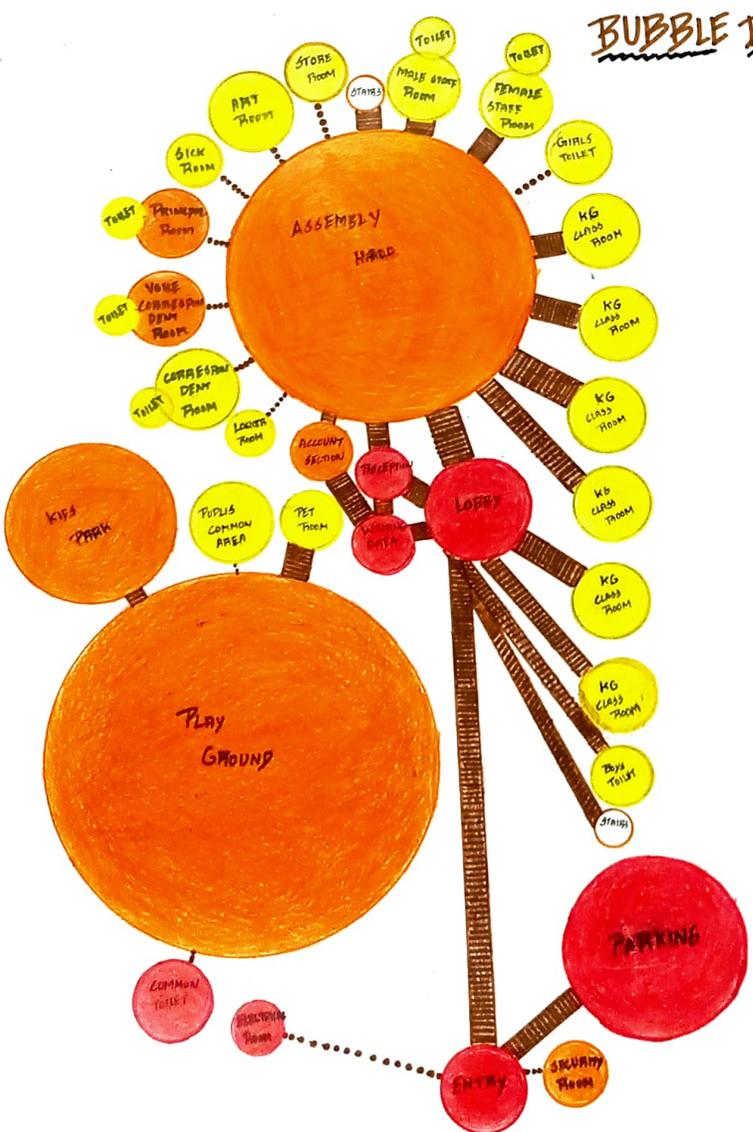
PROXIMITY CHART

## REQUIREMENTS...

ENTRY
LOBBY
RECEPTION
WAITING AREA
ACCOUNT SECTION
RECORD ROOM
PRINCIPAL ROOM
VILE CORRESPONDENT ROOM
CORRESPONDENT ROOM
STAFF ROOM
TOILET STAFF
CLASS ROOM (KG)
CLASS ROOM (PRIMARY)
TOILET STUDENT
LIBRARY
MATHS & MULTIMEDIA HALL
SCIENCE LAB
COMPUTER LAB
ART ROOM
SICK ROOM
PET ROOM
ELECTRICAL ROOM
AV ROOM
PUBLIC COMMON AREA
SECURITY ROOM
ASSEMBLY HALL

PRIVATE	SEMI PUBLIC	PUBLIC
LOCKER ROOM	PUBLY GROUND	LOBBY
CLASS ROOM	KIDS PARK	WAITING AREA
SICK ROOM	PRINCIPAL ROOM	PARKING
STORE ROOM	ACCOUNTS SECTION	ENTRY
MALE STAFF ROOM	SECURITY ROOM	COMMON TOILET
FEMALE STAFF ROOM	MULTIMEDIA HALL	ELECTRIC ROOM
TOILET	ASSEMBLY ROOM	RECEPTION

## BUBBLE DIAGRAM



Green square	PRIVATE
Orange square	SEMI PUBLIC
Red square	PUBLIC
Solid line	MAJOR AGENCY
Dotted line	MINOR AGENCY

GROUND FLOOR

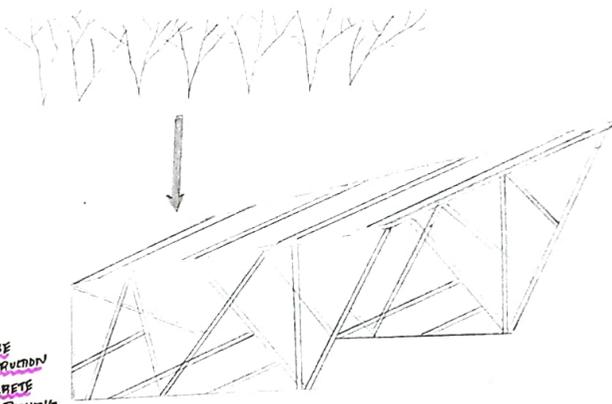
FIRST FLOOR

# CONCEPT

- A SMALL METAL (OR) PLASTIC TUBE THAT YOU BLOW INTO TO MAKE A LONG HIGH SOUND (OR) MUSIC AND IT IS MAINLY USED FOR SIGNALING, CONTROLLING
- WHEN COMPARED TO SCHOOL BELL THE STUDENTS INTO TO THE SCHOOL (WHISTLE) TO MAKE A LONG AND HIGH SOUND (KNOWLEDGE) AND SIGNALING, CONTROLLING THE STUDENTS FOR DISCIPLINE.

## 3 BASIC PARTS OF WHISTLE

- MOUTHPIECE → MANAGEMENT
- THROAT → TEACHERS
- PEA → STUDENTS



STRANGE - 1 (E)

MATERIALS GOING TO BE USED IN BUILDING CONSTRUCTION ARE STONE, BRICK, CONCRETE, THE EARTHEN WALLS, UV BLOCKING GLASS ..

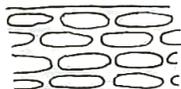
### BRICK (ADVANTAGES)

- BRICK IS ENERGY EFFICIENT
- LOW MAINTENANCE
- WEATHERPROOF (DISADVANTAGES)
- NOT AS DURABLE COMPARED TO STONE
- HIGH CONSTRUCTION COST



### STONE (ADVANTAGES)

- DURABLE
- LOW MAINTENANCE
- WEATHERPROOF (DISADVANTAGES)
- HEAVIER IN WEIGHT

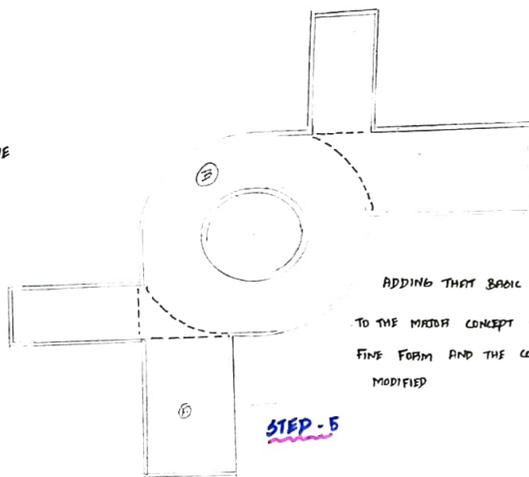
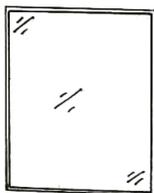


### UV BLOCK GLASSES (ADVANTAGES)

- VERY LIGHT WEIGHT
- PREVENT HEAT
- ABSORPTION AND RESISTANCE TO UV LIGHTS

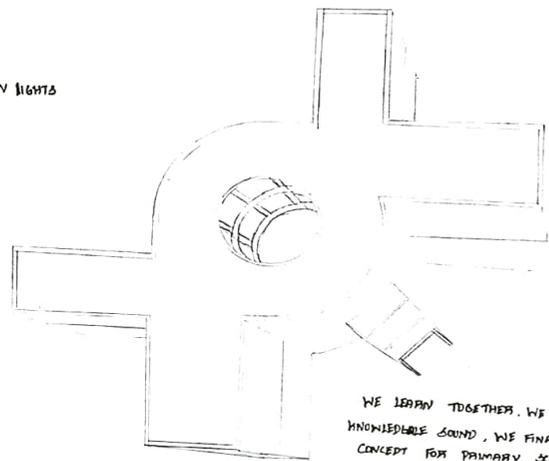
### (DISADVANTAGES)

- VERY COSTLY
- HANDLE WITH CARE
- HIGH MAINTENANCE



ADDING THAT BASIC SHAPE TO THE MAIN CONCEPT TO MAKE A FINE FORM AND THE CONCEPT IS MODIFIED

STEP-5

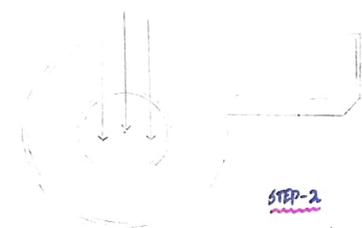


WE LEARN TOGETHER. WE MADE A LARGE KNOWLEDGE SOUND. WE FINALLY MADE THE CONCEPT FOR PRIMARY SCHOOL.

STEP-6

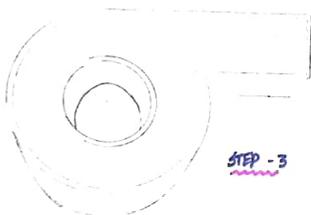


STEP-1



STEP-2

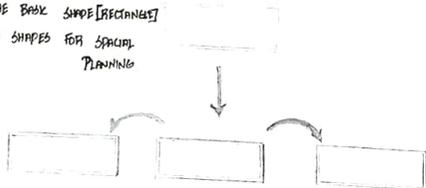
• CENTRAL PLANE PUSHED DOWN TO ALLOW OPEN COURTYARD



STEP-3

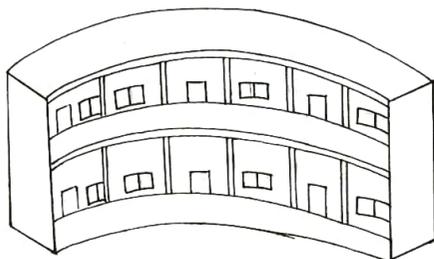
• THE CIRCULAR SPACE ACT LIKE A COURTYARD SPACE, ASSEMBLY GROUND AND FREE UP SPACE

• TAKING THE BASIC SHAPE [RECTANGLES] FOR ADDING THE SHAPES FOR SPACIAL PLANNING

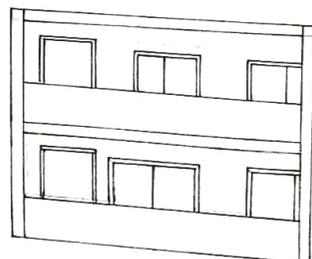


STEP-4

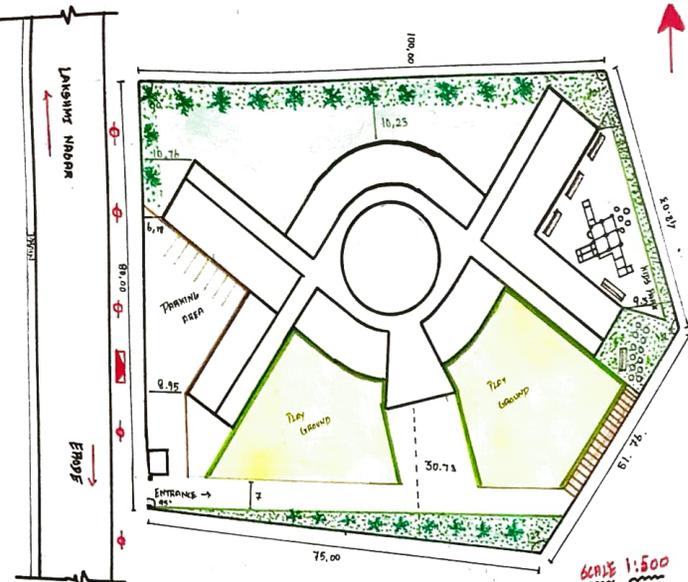
• REPAIRING THE SHAPE FOR SPACIAL PLANNING



DETAIL-3

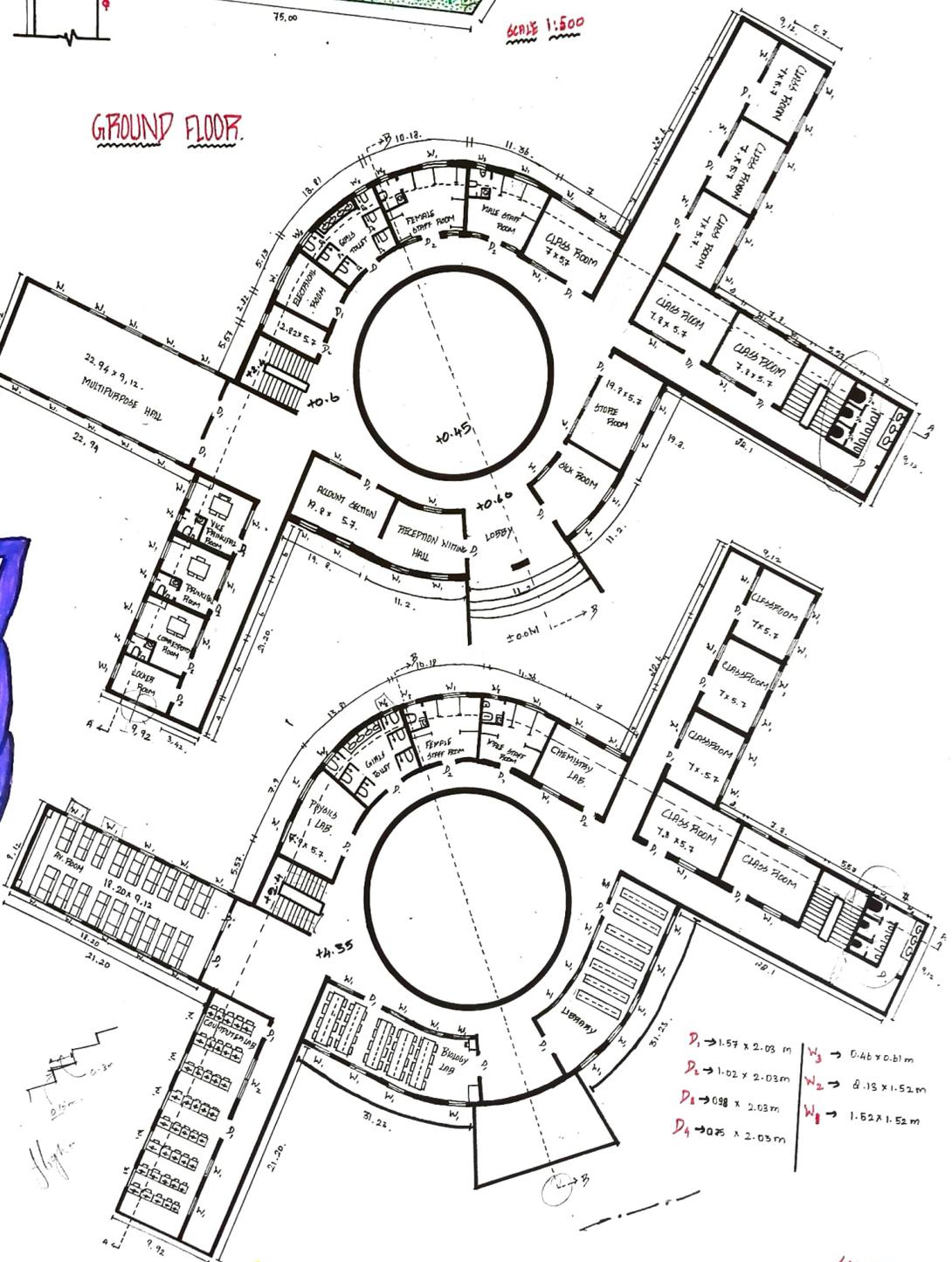


DETAIL-1



AREA OF GROUND FLOOR - 1100 M<sup>2</sup>  
 AREA OF FIRST FLOOR - 909.15 M<sup>2</sup>  
 TOTAL - 2009.15 M<sup>2</sup>  
 AREA OF A SITE - 8273.69 M<sup>2</sup>  
 FSI - 0.24

GROUND FLOOR

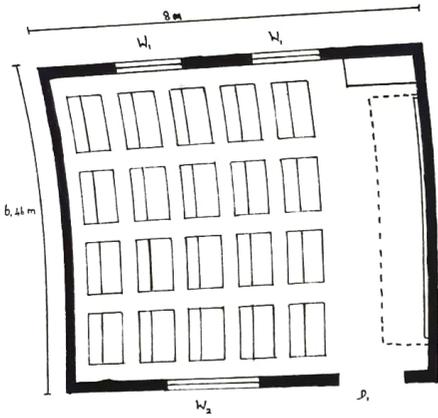


FIRST FLOOR

SCALE : 1 : 200  
 ALL DIMENSIONS ARE IN M

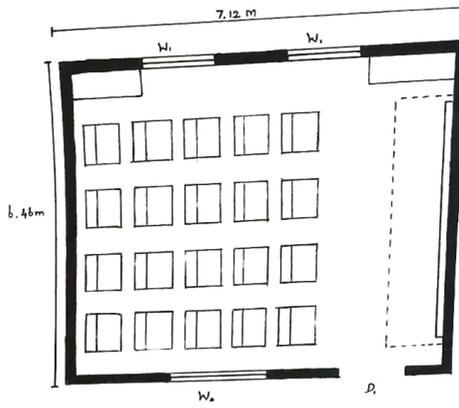


DETAIL - A



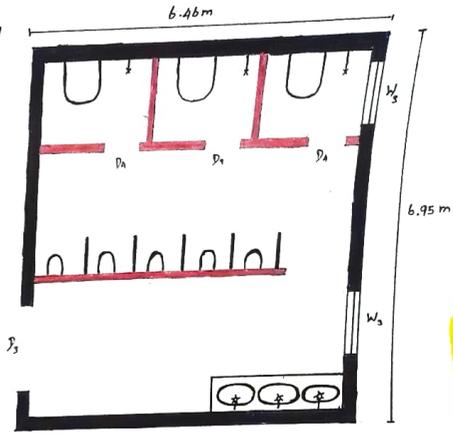
$W_1 \rightarrow 1.52 \text{ m} \times 1.52 \text{ m}$   
 $W_2 \rightarrow 2.13 \text{ m} \times 1.52 \text{ m}$   
 $D_1 \rightarrow 1.57 \text{ m} \times 2.03 \text{ m}$

DETAIL - B



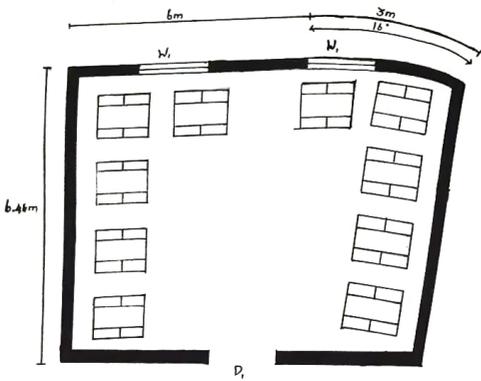
$W_1 \rightarrow 1.52 \text{ m} \times 1.52 \text{ m}$   
 $W_2 \rightarrow 2.13 \text{ m} \times 1.52 \text{ m}$   
 $D_1 \rightarrow 1.57 \text{ m} \times 2.03 \text{ m}$

DETAIL - C



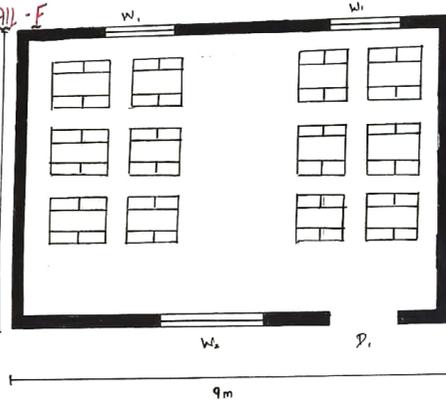
$W_3 \rightarrow 0.46 \text{ m} \times 0.61 \text{ m}$   
 $D_3 \rightarrow 0.76 \text{ m} \times 2.03 \text{ m}$   
 $D_4 \rightarrow 0.96 \text{ m} \times 2.03 \text{ m}$

DETAIL - E



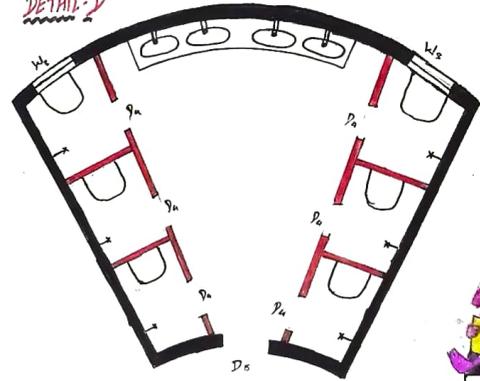
$W_1 \rightarrow 1.52 \text{ m} \times 1.52 \text{ m}$   
 $D_1 \rightarrow 1.57 \text{ m} \times 2.03 \text{ m}$

DETAIL - F



$W_1 \rightarrow 1.52 \text{ m} \times 1.52 \text{ m}$   
 $W_2 \rightarrow 2.13 \text{ m} \times 1.52 \text{ m}$   
 $D_1 \rightarrow 1.57 \text{ m} \times 2.03 \text{ m}$

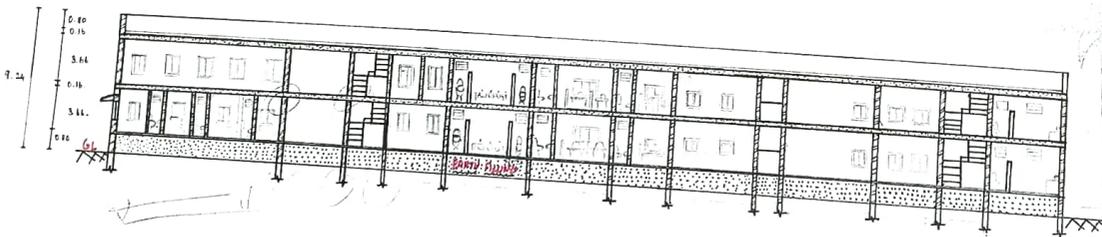
DETAIL - D



$W_3 \rightarrow 0.46 \text{ m} \times 0.61 \text{ m}$   
 $D_4 \rightarrow 0.96 \text{ m} \times 2.03 \text{ m}$   
 $D_3 \rightarrow 1.5 \text{ m} \times 2.03 \text{ m}$

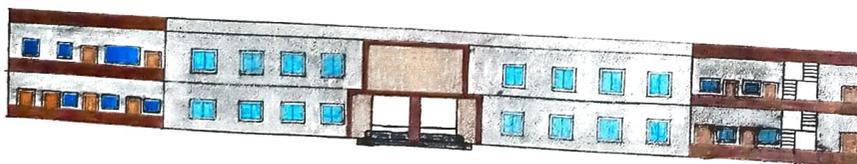
SCALE: 1:100

SECTION OF 'AA'

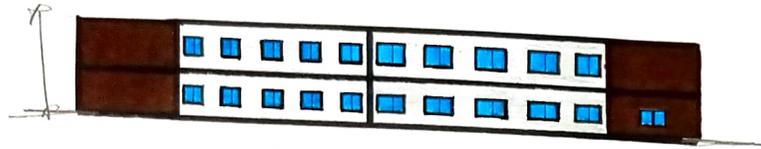


SCALE: 1:200

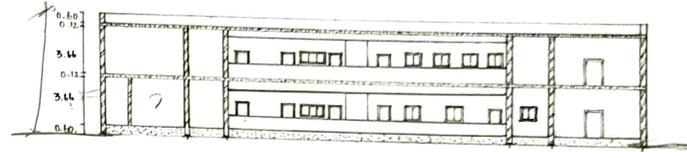
FRONT ELEVATION



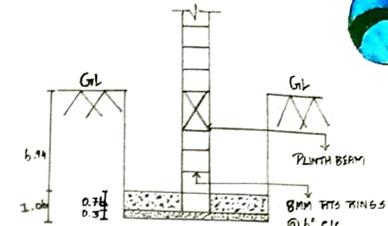
SCALE: 1:200



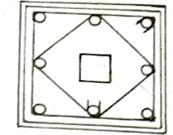
SIDE ELEVATION



SECTION OF 'BB'



COLUMN FOOTING DETAILS.



VIEW