

THESIS REPORT
ON

**PRIMARY SCHOOL IN
LUCKNOW UTTAR PRADESH**

ATHESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF:

BACHELOR OF INTERIOR DESIGN

BY

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(ENROLLMENT NO. 1190107013)

UNDER THE GUIDANCE OF
AR. KUNWAR GHANSYAM



TO THE
**SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY
LUCKNOW.**

SESSION 2022-23

CERTIFICATE

I hereby recommend that the thesis entitled “**PRIMARY SCHOOL IN LUCKNOW UTTAR PRADESH**”, prepared by , **MANAS GUPTA** under the supervision, is the bonfire work of the student and can be accepted as a partial fulfillment for the award of Bachelor’s Degree in Interior Design, School ofArchitecture BBDU, Lucknow.

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Recommendation:- Accepted

Not Accepted

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ACKNOWLEDGEMENT

Our hard work never shines if do not convey our heart feel gratitude to those people from whom we have got considerable support and encourage during this project.

To start with. First and foremost, gratitude towards almighty GOD for his blessings. Then I would like to thank all my faculty members who have supported and guided me all these memorable 4 years.

I would like to thank my thesis coordinator **Ar. VARSHA VERMA and AR. SHAILESH K. YADAV**

who left no stone unturned to shape our thesis in the best possible way and also for his untimely help whenever required.

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Last but not the least all friends and loved ones who give their all kind of support and concern. I have put in my best of efforts and worked day and night to make this project a successful. Hope u too will appreciate my endeavor.

THANKINGYOU

MANAS GUPTA

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BBD UNIVERSITY LUCKNOW.

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Certificate of thesis submission for evaluation

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3. Thesis Title : **PRIMARY SCHOOLIN LUCKNOW**
4. Degree for which the thesis is submitted: **BACHELOR OF INTERIOR DESIGN**
5. Faculty of University to which the thesis is submitted: Yes/No
6. Thesis preparation guide was referred to for preparing the thesis. Yes/No
7. Specification regarding thesis format have been closely followed. Yes/No
8. The content of the thesis has been organized based on the guidelines. Yes/No
9. The thesis has been prepared without resorting to plagiarism Yes/No
10. All the sources used have been cited appropriately Yes/No
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DECLARATION

I hereby declare that the work done in this thesis project is my own work and I have collected the data from various sources, which I have duly acknowledged in my report.

Date:

Place: Lucknow

Year : 2022 -23

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Bachelors of Interior Design

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TABLE OF CONTENT

TITLE	PAGE NO
<u>Certificate</u>	<u>2</u>
<u>Acknowledgement</u>	<u>3</u>
Evaluation Certificate	4
<u>Declaration</u>	<u>5</u>
<u>Abstract</u>	<u>7</u>
CHAPTER 1: INTRODUCTION	8-10
CHAPTER 2: SITE ANALYSIS	11-16
CHAPTER 3: CASE STUDY	17-26
CHAPTER 4: LITERATURE STUDY	27-34
CHAPTER 5: STANDARDS	35- 38
CHAPTER 6: CONCEPT	39- 43
CHAPTER 7: DESIGN DEVELOPMENTS	44-50
CHAPTER 8: ELECTIVES	51- 54

ABSTRACT

This thesis paper concerns about the formation of interior perceptions in primary school. The environment forms , basis of many behavioral traits.

The education spaces must be given utmost importance while keeping mind the standards and principals. It will lead to creating and environment that would be psychological interest in child development .

The design and structure of the educational space positively impact the children as it helps in both physical and mental growth.

The psychological impacts oof interior design on children grasp the youngsters' behavior and emotions.

The employment of these ideas would be beneficial in the children's overall development considering their and mental abilities.

It has been recognized for many years that children learn from direct experiences with their surrounding environments.

Considering children spend the majority of their early lives occupying school buildings, the quality of this built environment is important as it is thought to have an impact on their learning, social development and well-being.'

The interior design of school environments, has been constantly evolving with the need for new and improved school buildings coupled with significant changes in education over the past few decades.

use of creative methods, providing an understanding of primary school buildings through the children's eyes, giving them a voice within the research.

CHAPTER - 1

INTRODUCTION

INTRODUCTION

INTRODUCTION OF PRIMARY SCHOOL:

A school is an institution designed to provide learning spaces and learning environments for teaching students under teachers' direction. Schools are considered a child's second home as they spend most of their waking hours in school. It is a place where a child starts his/her real development and building a future. It provides an environment where future humankind is shaped. School is a child's first institution which is responsible for shaping his/her character and building their future. It provides an access to the latest technology and thoughts. As crucial as schools are, a school's infrastructure substantially impacts the children's learning and the development of their personality and perception. The built environment of the school must be conducive to learning. Design should enhance the environment which supports the creative skills of a child.

The school building is the incubator of the students' activities. It comprises a set of different spaces that enable the learning process to happen: classrooms, lecture spaces, libraries, social and gathering spaces, halls and other informal learning spaces.

NEED OF PROJECT

Students spend a large fraction of their lives inside the school formulated with the aid of the elements, structures, and walls. These spaces create an environment wherein a great many of the daily activities occur. There is an insignificant relationship between the physical environment of educational settings and how the design can not only influence the children but also the teachers and the staff. Thus, educational institutions must have the potential to substantially inspire both students and teachers. Since most of the learning process takes place in schools and educational institutions, it is imperative to consider that poor settings can detract from the learning process amongst students. Since students spend a large amount of their time in school every day, if they are feeling unmotivated or depressed throughout their education due to how boring the classroom looks, this will affect the quality of their academic performance.

A well-designed school environment plays a significant role in determining the quality of learning and teaching in a school. Therefore, schools need to consider how interior design affects students' moods when designing school spaces.

AIMS AND OBJECTIVES

- The study aims to design a space that is an inexpensive and cheerful learning environment for the students of primary school by the creation of encouraging thoughts using the space concerning the climate and physical character of the region.
- To design an environment targeted at student psychology by enhancing the interiors of a building to achieve a healthier and more comfortable learning environment for the students as well as teachers.

SCOPE

- Primary School The scope of school organization is very vast. It includes; efficiency of the institution, securing benefits of the school through practical measures, clarification of the functions of the school, coordination of the educational programmed, sound educational planning, good direction, efficient and systematic execution.
- It provides close collaboration and sense of sharing responsibilities, organized purpose and dynamic approach.

VISUALIZATION

- To creating a space for children to feel like home is the most important thing how to achieve?
- How can an environment encourages are children to socialize and being engaged together?

METHODOLOGY

- To study the interior design & precautions for the differently abled.
- To study the visitors experience and circulation pattern in spaces.

CHAPTER - 2

SITE ANALYSIS

MOTILAL NEHRU MEMORIAL GIRLS SCHOOL

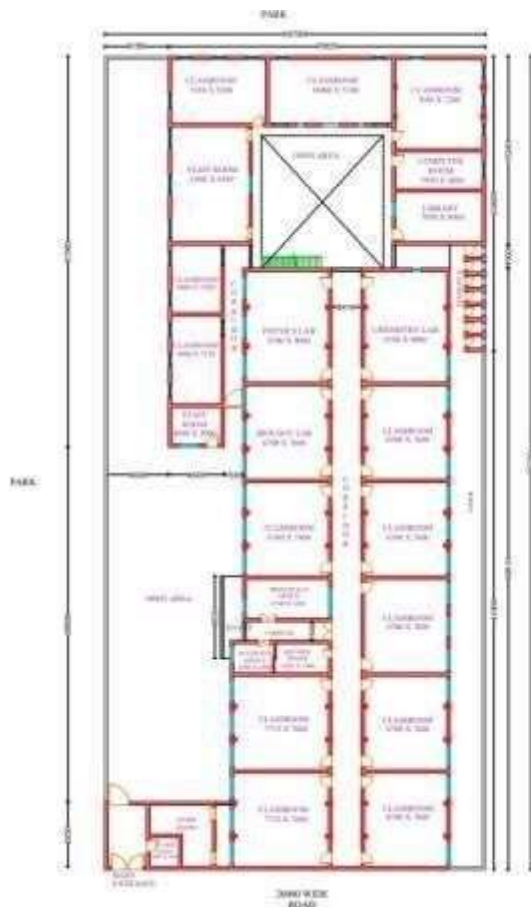
LUCKNOW

SITE INFORMATION

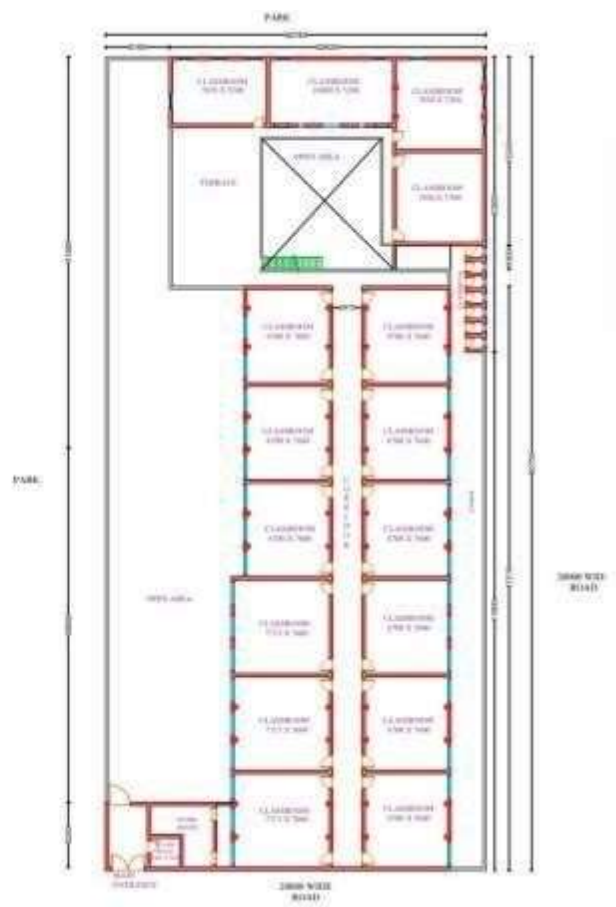
- **Location:** New Hyderabad, Nishat Ganj, Lucknow, Uttar Pradesh
- **Area:** 1200 sq. m.
- It was established in the year 1959.
- **Climatology:** Lucknow has a humid subtropical climate with a rainy season that runs roughly from mid-June to early October, due to the monsoon which increases humidity. Cool and dry winters from mid-November to February. Dry and hot summers with sunshine from March to mid-May.
- **Floors:** 2
- **Site Orientation:** NORTH FACING



SITE PLAN



GROUND FLOORPLAN



FIRST FLOORPLAN

SITE IMAGE



EXTERIOR



PRINCIPAL'S OFFICE



CLASSROOM



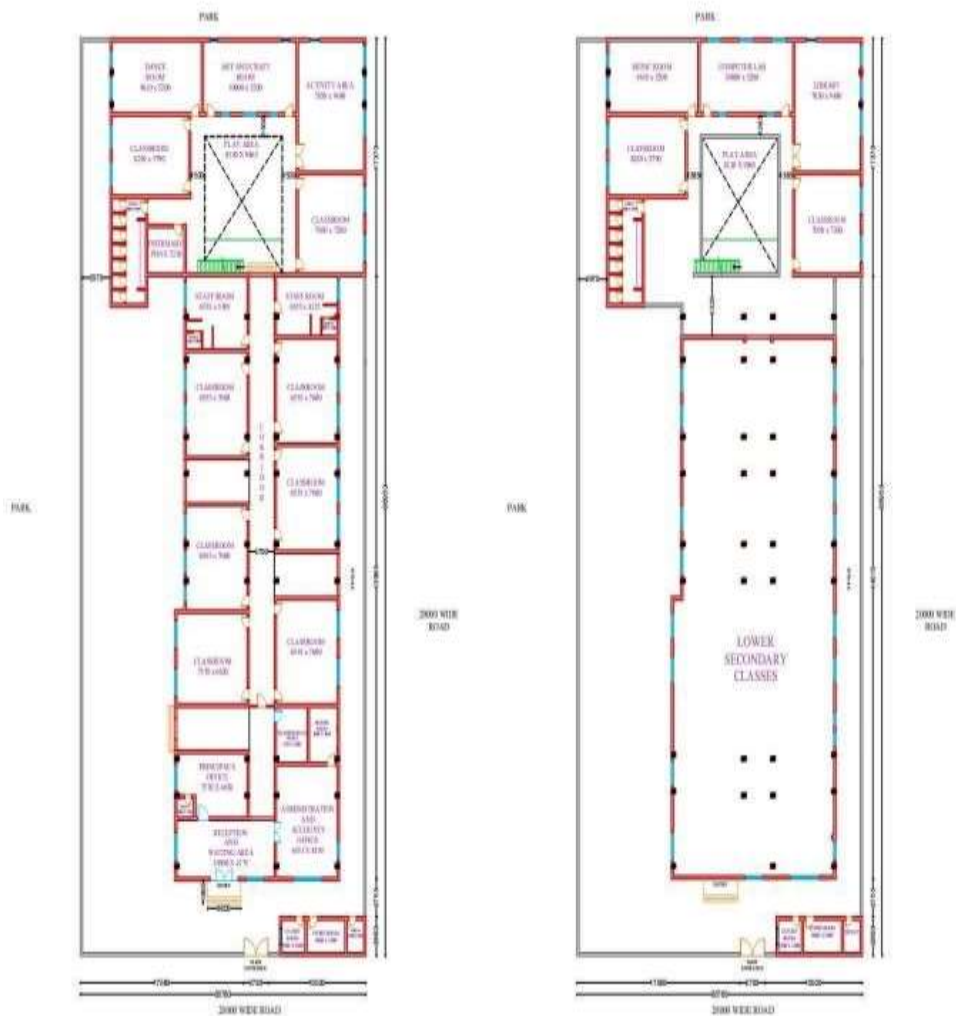
AREA ANALYSIS:

	<u>AREAS</u>	<u>SIZE</u>
1	PRINCIPAL'S OFFICE	6700 X 3200
2	ACCOUNTS OFFICE	3200 X 2400
3	STAFF ROOM - 1	4040 X 3000
4	CLASSROOM	6700 X 7600
5	RECORD ROOM	4285 X 2400
6	STORE ROOM	4000 X 5020
7	GUARD ROOM	2400 X 2400
8	STAFF ROOM - 2	6300 X 9350
9	LIBRARY	7050 X 4060
10	COMPUTER LAB	7050 X 3000
11	WAITING AREA	6700 X 1540
12	CLASSROOM	4040 X 7150
13	CLASSROOM	10000 X 5200
14	PHYSICS LAB	6700 X 9000
15	CHEMISTRY LAB	6700 X 9000
16	BIOLOGY LAB	6700 X 7600

SPACE REQUIREMENT

- RECEPTION AREA
- CLASS ROOMS
- PRINCIPLE OFFICE
- STAFF ROOMS
- MUSIC ROOM
- ART AND CRAFT
- DANCE CLASSROOM
- INDOOR PLAYING ROOM
- LIBRARY
- COMPUTER LAB
- INDOOR PLAYING AREA
- TOILETS
- PANTRY

SITE DRAWINGS



CHAPTER - 3

CASE STUDY

VIBGYOR SCHOOL, LUCKNOW, INDIA

ABOUT

- **LOCATION:** Patrakarpuram Chauraha, Viram Khand-2, Gomti Nagar, Lucknow, Uttar Pradesh, India
- **AREA:** 1900m²
- **CLIMATOLOGY:** Lucknow has a humid subtropical climate with a rainy season that runs roughly from mid-June to early October, due to the monsoon which increases humidity. Cool and dry winters from mid-November to February. Dry and hot summers with sunshine from March to mid-May.
-
- **ACCESSIBILITY:**



GLASS DOOR
ENTRANCE

RECEPTION AND WAITING AREA:-

- Glass Door Entry
- FLOORING – Ceramic Tiles
- WALLS – Emulsion Paint Finish.
- LIGHTING – Use of Natural and Artificial Light
- Windows are provided for ventilation and natural lighting.
- Kota Stone Tiles are used in Corridor



WAITING AREA

RECEPTION

CLASSROOM

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tubelight)
- Windows are provided for ventilation and natural lighting.



COMPUTER LAB

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- A window is provided for ventilation and natural lighting.
- Material used for the tables is block board.



LIBRARY

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- Windows are provided for ventilation and natural lighting.
- Material used for the tables is block board.
- Material used for Storage of books is block board and another storage is of metal frame for books and maps.



CANTEEN and GYMNASIUM

- There is no partition for Gymnasium and canteen.
- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- Material used for the tables is a metal frame.
- All the necessary safety equipments are provided for the students.
- Fans are provided but not an adequate ventilation system.



MUSIC ROOM

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- A window is provided for ventilation and natural lighting.
- Material used for the tables is block board.



DANCE ROOM

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- Lags in the ventilation system.
- Material used for the table is block board.
- Mirrors are provided for practice.
- Lags in soundproofing.



SPACE REQUIREMENT

- RECEPTION AREA
- CLASS ROOMS
- PRINCIPLE OFFICE
- STAFF ROOMS
- MUSIC ROOM
- ART AND CRAFT
- DANCE CLASSROOM
- INDOOR PLAYING ROOM
- LIBRARY
- COMPUTER LAB
- INDOOR PLAYING AREA
- TOILETS
- PANTRY

ABOUT INTERIORS

The interior color palette comprises of playful primary colors juxtaposed cleverly with biscuit colored brick walls. A yellow accent band that runs horizontally in the corridor further enlivens the spaces within. The doors are designed with circular cut-outs at the height of a child, creating a dynamic play of solid and voids at the child's eye-level allowing the every tots to peak in. A simple c-shaped plan is devised that fulfills the coverage norms and allows for the development of a modular string of well-ventilated, glare-free class rooms, each of which is 6m x 7m.

CASE STUDY -2

THE MILLENNIUM SCHOOL LUCKNOW, INDIA LUCKNOW, INDIA

ABOUT

- **LOCATION:** Sitapur Road, National Highway 24, Bakshi Ka Talab, Mampur Bana, Uttar Pradesh, India
- **AREA:** 1500m²
- **CLIMATOLOGY:** Lucknow has a humid subtropical climate with a rainy season that runs roughly from mid-June to early October, due to the monsoon which increases humidity. Cool and dry winters from mid-November to February. Dry and hot summers with sunshine from March
- **ACCESSIBILITY:**





RECEPTION AND WAITING AREA:-

- GLASS DOOR ENTRY
- FLOORING – Ceramic Tiles
- WALLS – Emulsion Paint Finish and Wallpaper
- LIGHTING – Use of Artificial Light (tube light)
- Wooden and Gypsum board False Ceiling.



CLASSROOM:-

- FLOORING – Porcelain Tiles
- WALLS – Emulsion Paint and Acrylic Paint Finish.
- LIGHTING – Use of artificial light (tubelight)
- Windows are provided for ventilation and natural lighting.
- Gypsum Board False Ceiling



MUSIC ROOM

- FLOORING – Kota Stone Tiles
- WALLS – Emulsion paint finish
- LIGHTING – Use of artificial light (tube light)
- A window is provided for ventilation and natural lighting.
- Gypsum Board False Ceiling



LIBRARY

- FLOORING – Ceramic Tiles
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- Material used for the tables is block board.
- Gypsum Board False Ceiling
- Material used for Storage of books is block board and another storage is of metal frame for books and maps.



DANCE ROOM

- FLOORING – Green Carpet
- WALLS – Emulsion paint finish.
- LIGHTING – Use of artificial light (tube light)
- Lags in the ventilation system.
- Material used for the table is block board.
- Mirrors are provided for practice.
- Gypsum Board False Ceiling.



INERENCES

- Use of bright colors like sky blue pink yellow.
- Uses of standard size kids furniture
- The size of the windows is small to ensure safety and positioning is driven by the height of the students.
- Each floor is staggered which creates small planters and generates an organic form of the structure.

CHAPTER - 4

LITERATURE STUDY

- RANE VIDYALAYA
- UNTERDORF
ELEMENTARY
SCHOOL

LITERATURE STUDY 1 - RANE VIDYALAYA

INTRODUCTION

Theerampalayam, situated in the tropical belt of interior Tamil Nadu, demands all-around cooling from the very humid conditions so the intent was to have the space ventilated naturally with sufficient lighting.

The primary goal to design a school in the rural region was to use low-cost construction techniques while still creating a wholesome environment that facilitates learning and creativity; it utilizes local materials, engages in a cost-effective design solution, and forms a joyful educational environment.

It lays an educational campus, built with an interesting shiplap design, using alternate layers of local bricks, responding to its site.

The exposed brick structure continues in a significant portion of the interiors — namely the common spaces, which adds the structure’s aesthetic appeal. Well-ringing perforations in the roof permeate the space with natural light and offers a direct connection with the outdoors.

The perforations in the roof vent out the hot air, which, combined with the ventilation from the windows, which also makes some interesting shadows all around the interiors, shifting through the day and creating moments of visual interest within the space; to create a tunnel effect.

PROJECT DETAILS

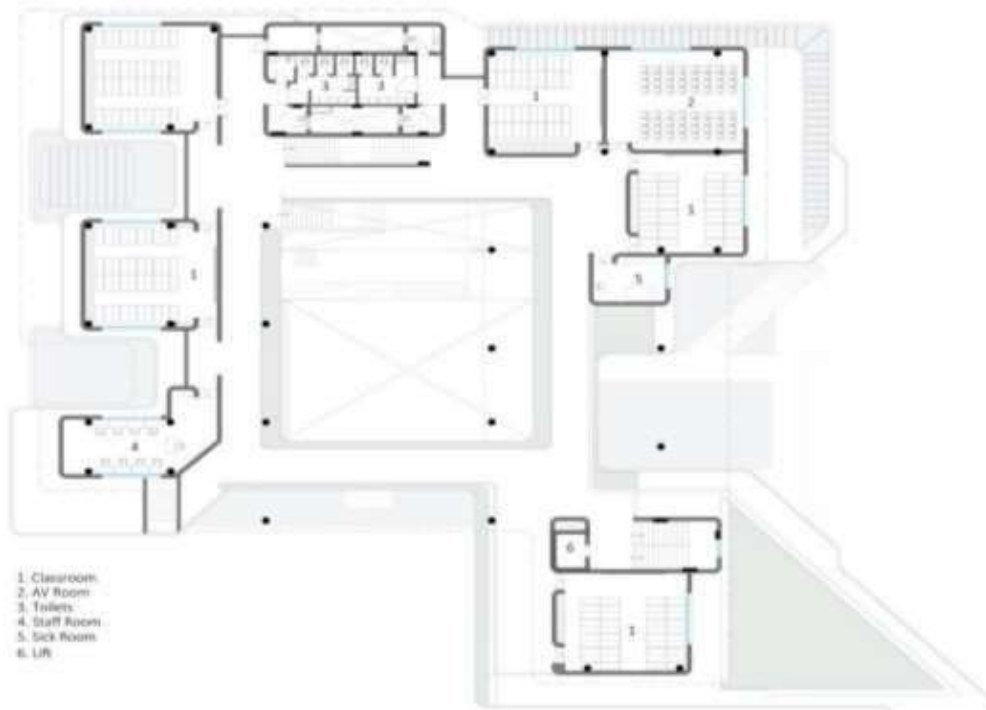
- **ARCHITECTS:** Shanmugam Associates
- **LOCATION:** THEERAMPALAYAM, Tamil-Nadu
- **AREA:** 5000 m²
- **YEAR:** 2018



FLOORPLAN

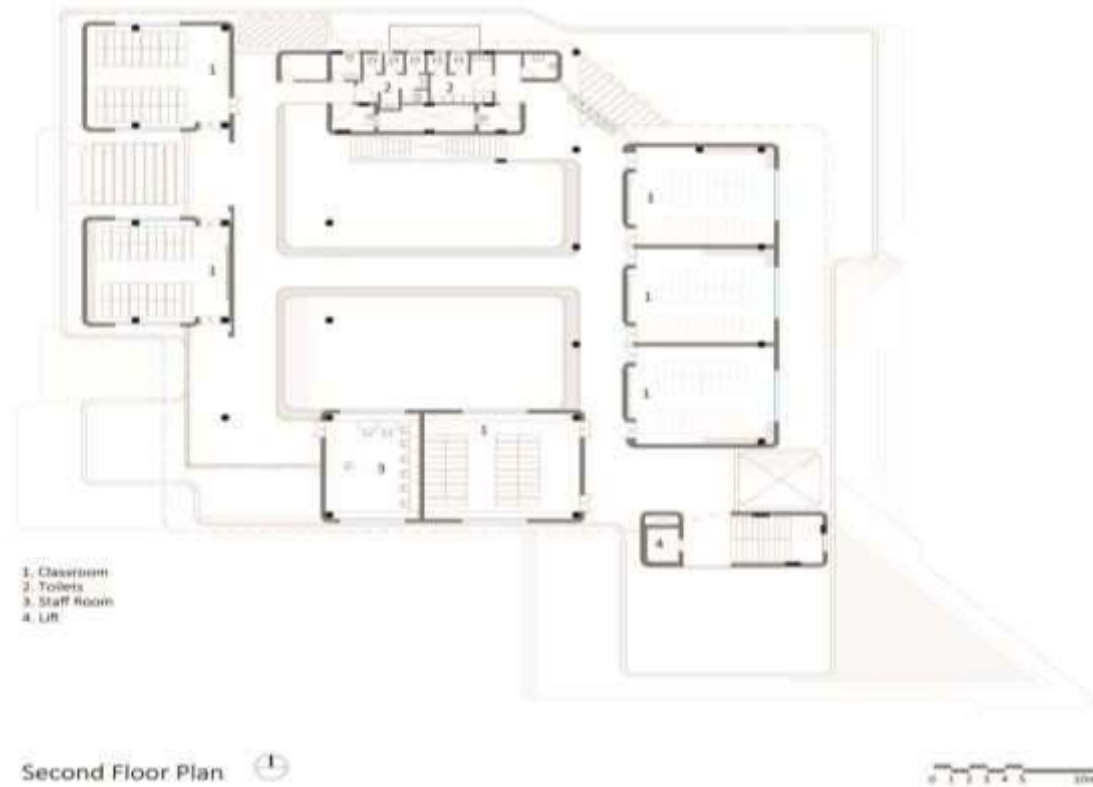


Ground Floor Plan: ①

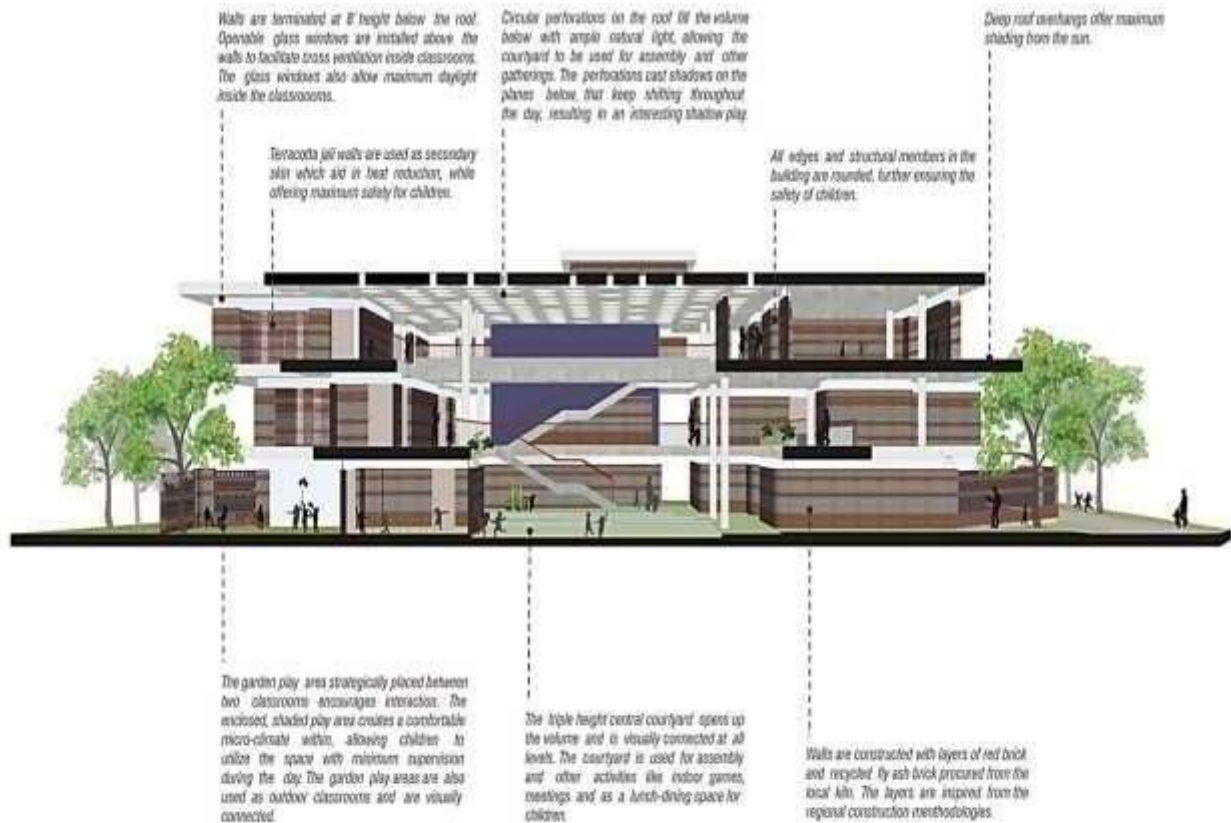


First Floor Plan ①





DETAILED SECTION



Section AA'

ABOUT PROJECT



Class Room



Central courtyard



- Top-hung shutters lines are used in all the classroom walls at lintel height, to enhance ventilation, while deep concrete overhangs on the exterior help diffuse the sunlight coming in.
 - In the classrooms, however, the firm chose to plaster the walls in white rather than leave the brick exposed, in order to liven up the space and enhance the flow of natural sunlight.
 - With every increase in grade, having a formal layout, classes become more functional to induce structured learning.
 - The garden pockets induce learning, create a green environment, and therefore provide a comfortable microclimate to the children in their early years of education.
 - The classrooms are designed to have individual gardens that encourage seamless outdoor and indoor integration of space and help to create a pleasant learning environment.
 - The terracotta jali walls have also been used in the classes to secure and ensure safety in the garden that adjoins each classroom.
-
- At the heart of the school is the indoor courtyard, which is designed by taking inspiration from temple mandapams where huge gatherings took place.
 - The courtyard serve as a multi-functional place of gathering for lunch breaks, school assembly, exhibition space, co-curricular training.
 - While the entire school follows a clean color combination, the main staircase in the lobby provides a striking contrast to the rest of the space that is a lime green anchor wall that offers a moment of visual pause.

LITERATURE STUDY 2 – UNTERDORF ELEMENTARY SCHOOL

INTRODUCTION

- The entire school is of pure timber construction except for the area touching the ground.
- The multi-layer, glued-together solid wood panel surfaces are unclad and the timber frame is visible in every room.
- The materials used are based on the fundamental principles of sustainability and ecological efficiency.
- Students benefit from the better learning environment and a pleasant, warm atmosphere within the building, which also saves on heating costs.
- In an elegant, linear, one-story wooden structure, four identical teaching clusters are placed on the east side.
- The generous, double-height entrance hall was conceived to also serve as a gathering and events space for the community.

PROJECT DETAILS

ABOUT

- **ARCHITECTS:** Dietrich | Untertrifaller
- **LOCATION:** Höchst, Austria
- **AREA:** 2530 m²
- **YEAR:** 2017
- **CAPACITY:** 200 Students / 8 Classes + Pre-school Class



FLOOR PLANS



- The clusters comprise two classrooms, a multipurpose room, a cloakroom with bathrooms, and a relaxation area surrounding a top-lighted lounge with a raised roof which is the heart of each cluster located on the east side.



CLASSROOM



- Large glazing provides visual transparency so that the teachers can always keep an eye on the students, for example, when they are learning or playing in small groups and different rooms; and acoustic privacy.
- The central lounge with its pyramid-shaped high ceiling and large skylight, allows natural light to stream into the room, offering an airy and dramatic space.
- Private gardens and the outdoor classrooms with direct access for each cluster provide for additional teaching space and blur the boundaries between the interior and exterior and integrate nature into the educational environment.



CHAPTER - 5

STANDARDS

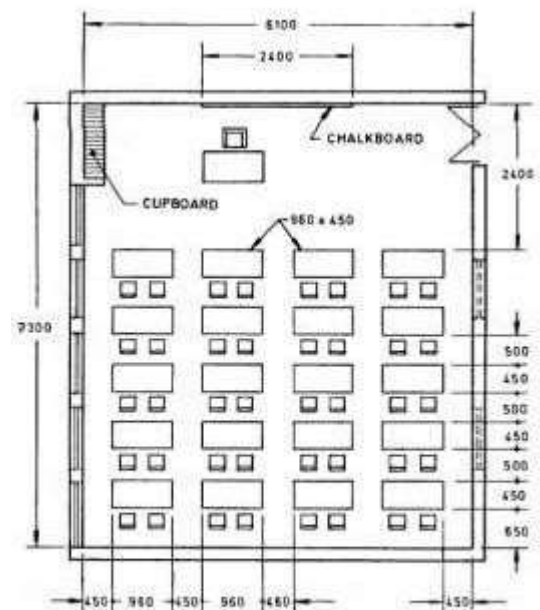
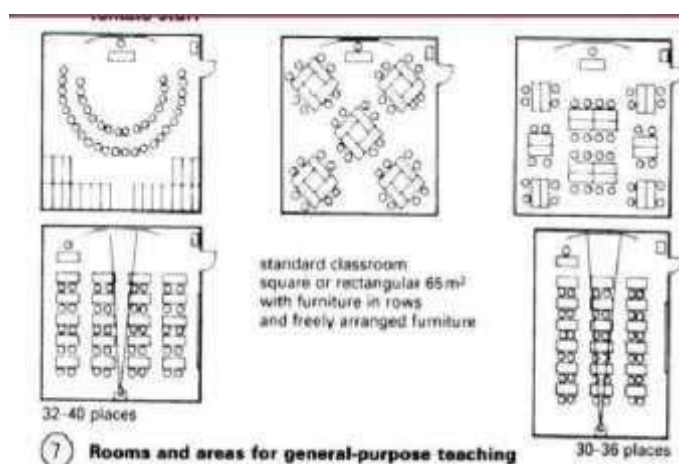
STANDARDS FOR PRIMARY SCHOOL

This presents the standards applicable to the development of various spaces required in a school design and these standards are the same for every school design. These standards are from Neufert's, and norms are given by CBSE and Kendriya Vidyalaya.

- These standard covers anthropometrics, circulation, classroom, washroom, play area, laboratory, parking, etc.
- 1. Time Saver's
- 2. Neufert's Standards
- 3. CBSE Norms
- 4. Kendriya Vidyalaya Norms

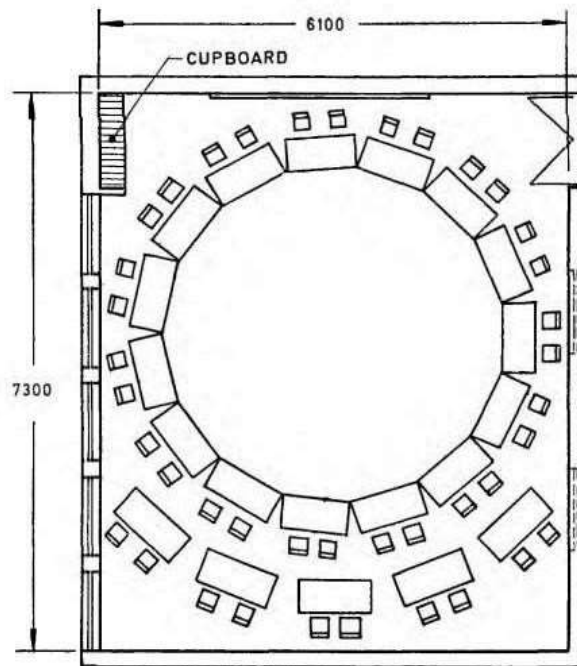
CLASSROOM

- The minimum size should be approximately 500 sq/ft. There should be one room for each class. Minimum floor space should be at least 1 sq. mtr. per student.
- Shape requirements – rectangular or square
- Windows requirement – at least on one side



All dimensions in millimetres.

FIG. 1 TYPICAL ILLUSTRATION OF A PRIMARY CLASSROOM



All dimensions in millimetres.

FIG. 3 SKETCH SHOWING ALTERNATE ARRANGEMENT OF FURNITURE IN PRIMARY CLASSROOM

LIBRARY

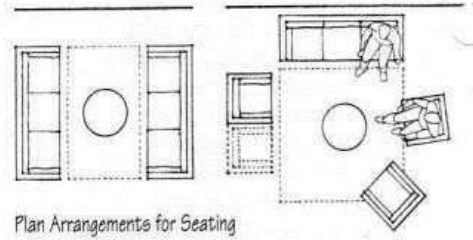
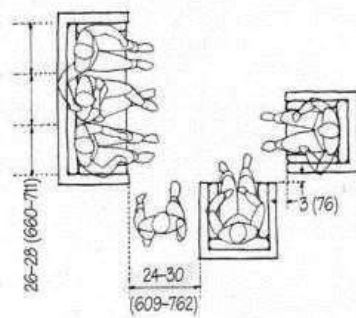
- Minimum size should be 14 m. x 8 m. fully equipped and with, reading room facility and other resources to cater to the strength of students in the school.
- Standard space requirement – 0.35 to 0.55 sq. m/student
- Book issue and return – 5 sq. m/workplace
- Librarian space – 10-20 sq. m

WASHROOM

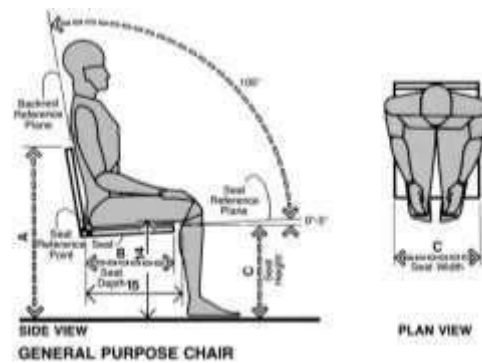
- Number of urinals – half of WC's
- For more than 300 students – 1 lavatory for every 100 student
- Drinking fountains – 1 tank for 50 students, but at least 1 tank on each floor
- 1WC fixture for every 35 students

CIRCULATION

- Minimum width of corridors in classroom areas – 2m
- Width of stairs - minimum -1.25m maximum -2.50m

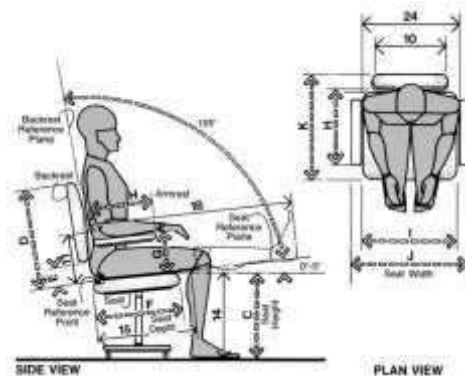


	IN MM
A	785 - 840
B	395 - 405
C	405 - 435
D	435 - 610
E	0 - 150
F	395 - 460
G	205 - 255
H	305
I	460 - 510
J	610 - 710
K	585 - 740



is of
reas
area,

The preceding diagrams show the dimensions of an executive chair that can be used in office areas like visitors' offices or in the infirmary room for the doctor, in the computer lab.



CHAPTER - 6

CONCEPT

CONCEPT

A **primary school**, junior school, elementary school or grade school is a school for primary education of children who are four to twelve years of age. It typically comes after preschool and before secondary school. Institution in which children receive the first stage of compulsory education, known as **primary** or **elementary school**.

CONCEPT

MODERN S.TYLE

Modern style interior design is characterized by sleek lines, simplicity, and a minimalist approach. It focuses on open spaces, clean aesthetics, and a harmonious blend of form and function. Here are some key elements and features commonly found in modern style interior

design:
Color Palette: Modern interiors often feature neutral colors such as white, gray, and beige as a base. Bold accent colors like black, red, or vibrant shades may be used sparingly to create visual interest.

Clean Lines and Minimalism: Modern design emphasizes clean, straight lines and avoids ornate detailing. Furniture, architectural elements, and accessories tend to have simple and geometric shapes.

Open Floor Plans: Modern interiors often favor open spaces that allow for seamless flow and connectivity between different areas. This design approach promotes a sense of spaciousness and encourages interaction.

Natural Light and Large Windows: Modern design seeks to maximize natural light by incorporating large windows and glass doors. This helps create a bright and airy atmosphere.

Functionality and Practicality: Modern interiors prioritize functionality and practicality. Furniture and decor items are selected for their usefulness and efficiency. Storage solutions are often integrated into the design to maintain a clutter-free environment.

ELEMENTS OF MODERN STYLE

- SIMPLICILTY
- POPBRIGHT COLORS
- FURNITURE WILL BE OF CLEAN LINES WITH SMOOTH AND SLEEK SURFACE.
- NETURAL MATERIALS
- REFLECTIVE SURFACE
- CRISP LINES



MOOD BOARD

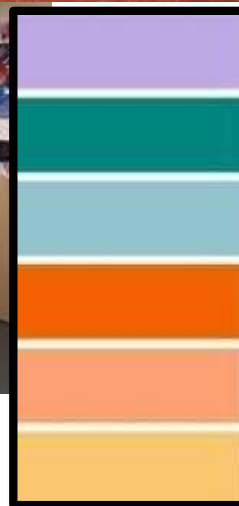
- Wall finish – paints finish, wall papers
- Finishing material- laminates, paint
- Flooring- kota stone, vitrified tiles wooden vinyl flooring, rubber flooring
- Ceiling - grid ceiling ,gypsum board
- Lighting - led lights, fluorescent light
- Furniture- wooden and plastic
- Doors - sliding glass door,
- Plants - indoor plants

WALL TEXTURE –
EXPOSED BRICK
WALL (back wall of
reception desk)

FLOORING -
Kota Stone Tiles



WALL DESIGN
in corridor at back
of Principal's
Office



RECEPTION DESK –
Semi – Circular desk
made of Plywood and
laminated



FALSE CEILING-
Gypsum Board with
design of piano

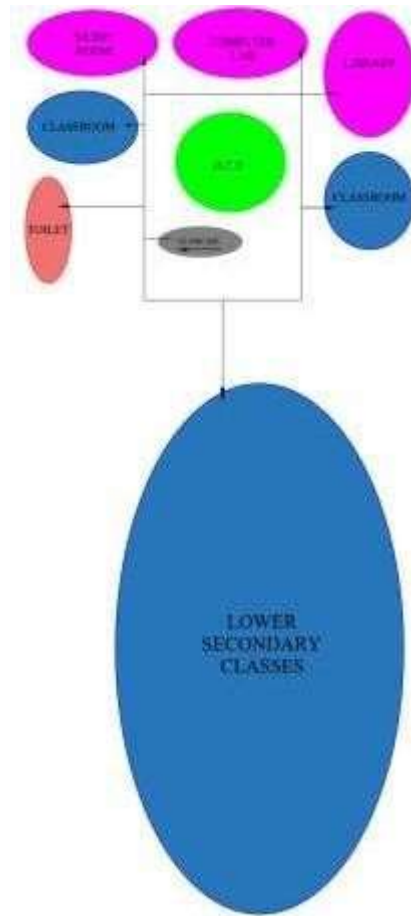


BUBBLE DIAGRAM

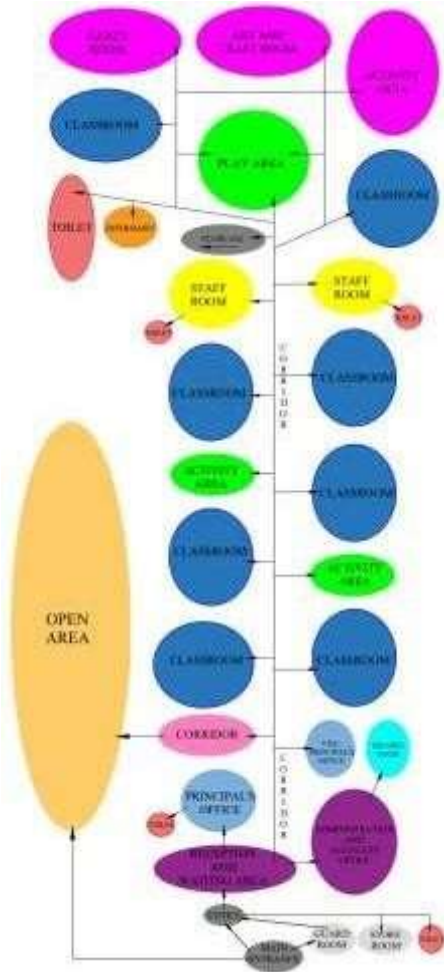
SPACE REQUIREMENT

- RECEPTION AREA
- CLASS ROOMS
- PRINCIPLE OFFICE
- STAFF ROOMS
- MUSIC ROOM
- ART AND CRAFT
- DANCE CLASSROOM
- INDOOR PLAYING ROOM
- LIBRARY
- COMPTUER LAB
- INDOOR PLAYING AREA
- TOILETS
- PANTRY

BUBBLE DIAGRAM

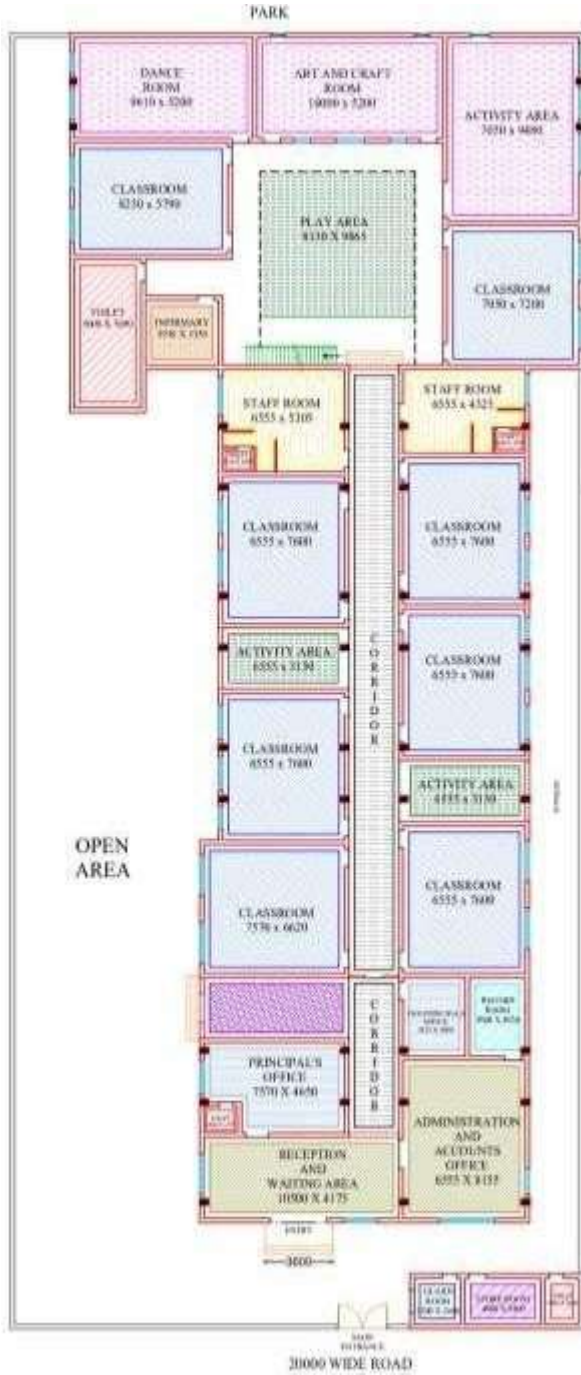


FIRST FLOOR BUBBLE DIAGRAM

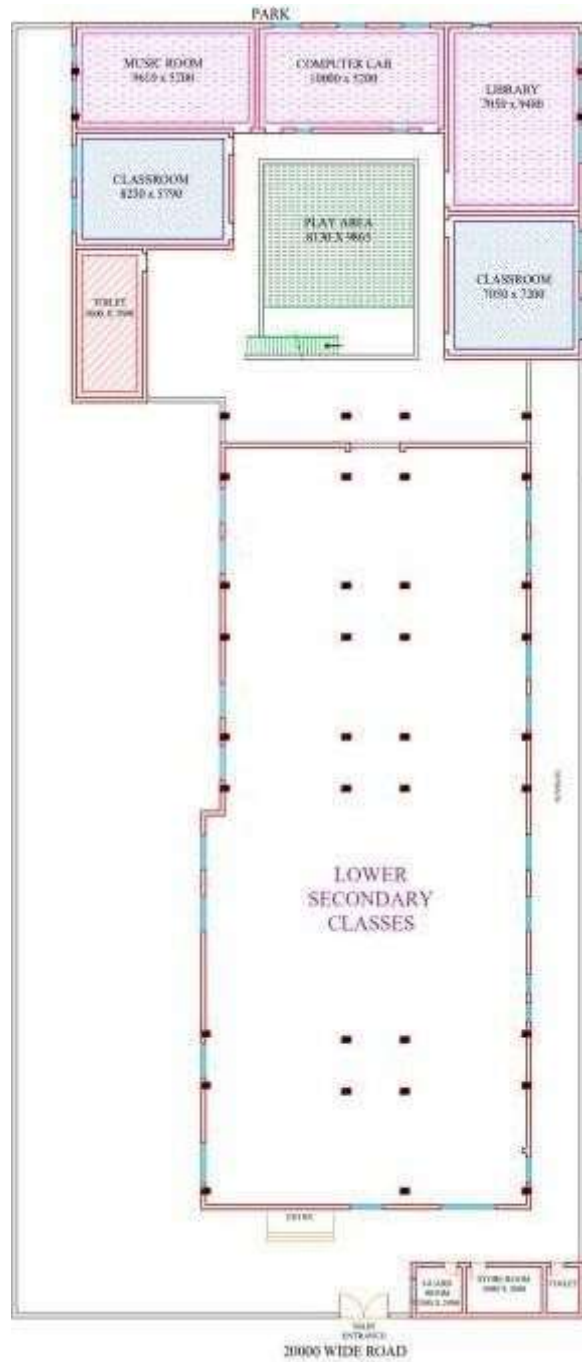


GROUND FLOOR BUBBLE DIAGRAM

GROUND FLOOR ZONING



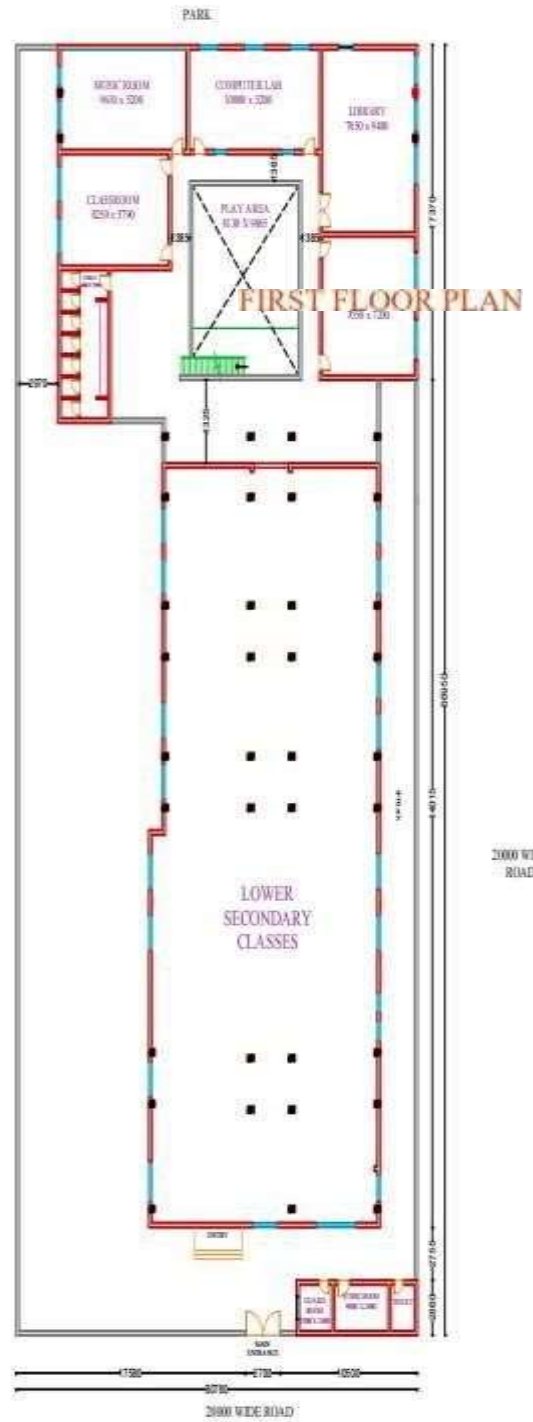
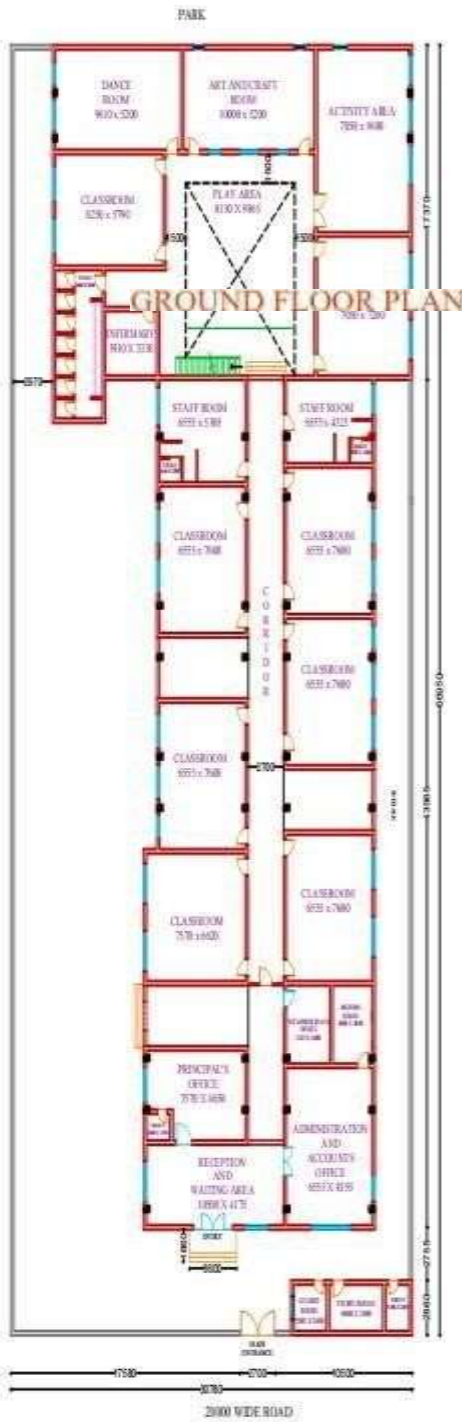
FIRST FLOOR ZONING



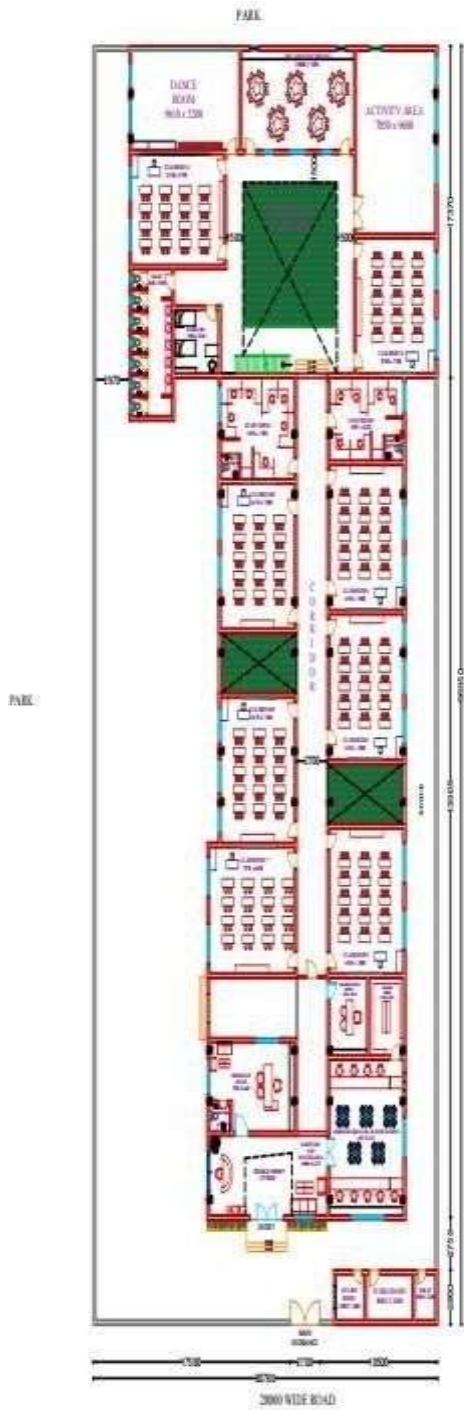
CHAPTER - 7

DESIGN DEVELOPMENT

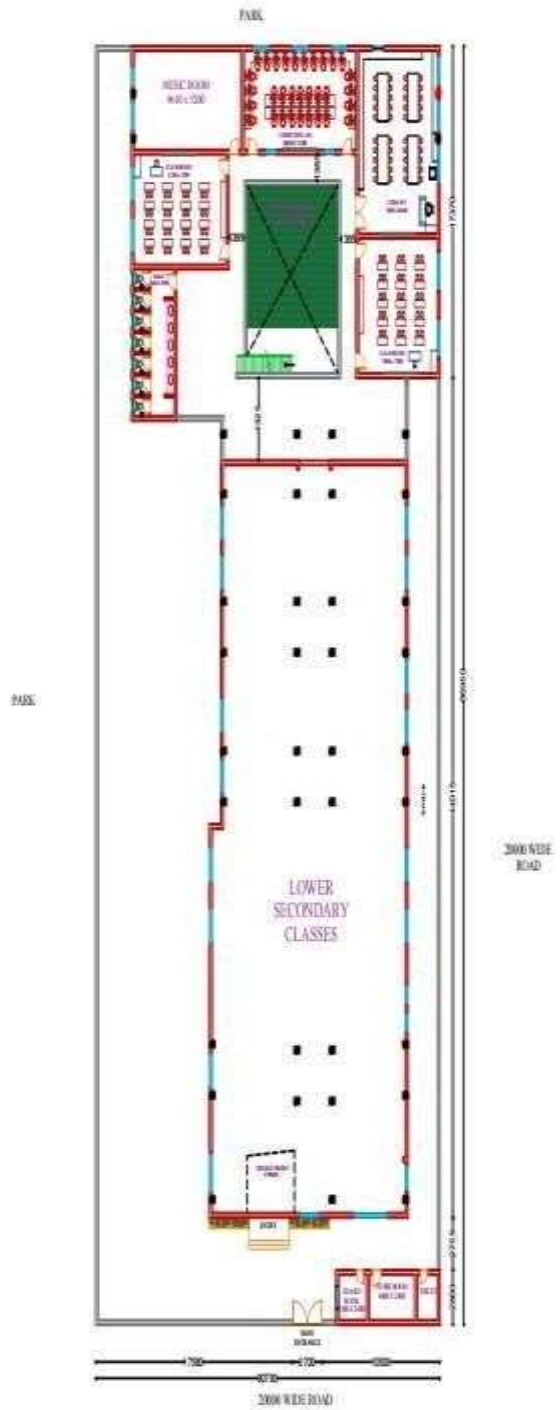
FLOOR PLANS



FURNITURE LAYOUT

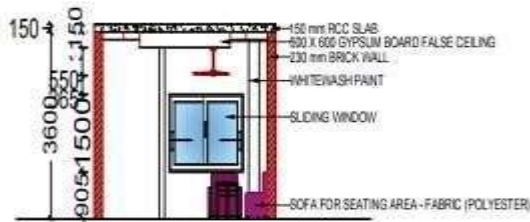


GROUND FLOOR PLAN

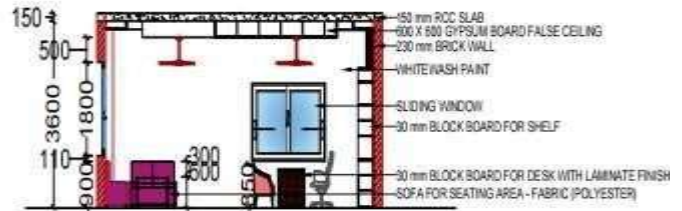


FIRST FLOOR PLAN

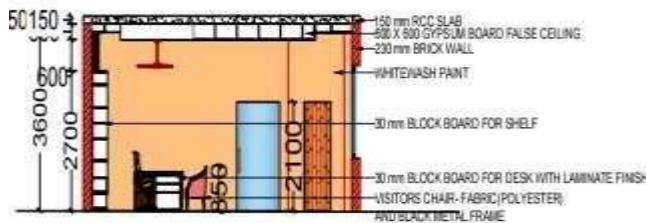
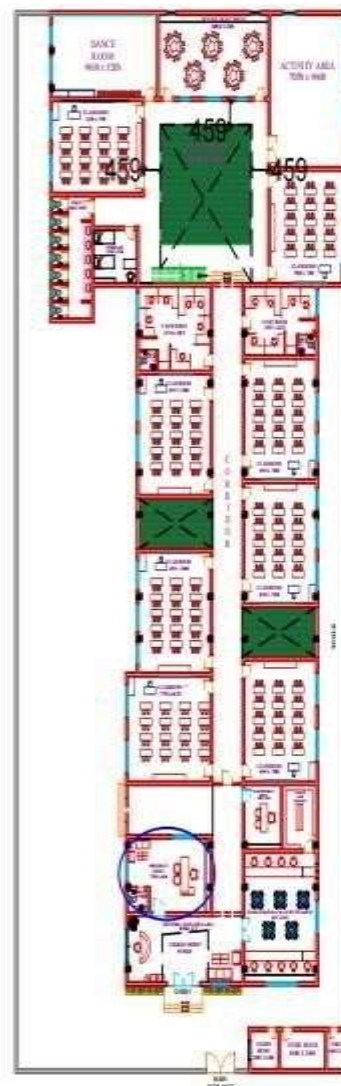
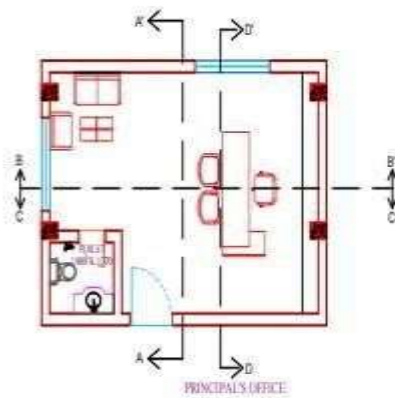
PRINCIPAL OFFICE ELEVATION



SECTIONAL ELEVATION AA'



SECTIONAL ELEVATION BB'

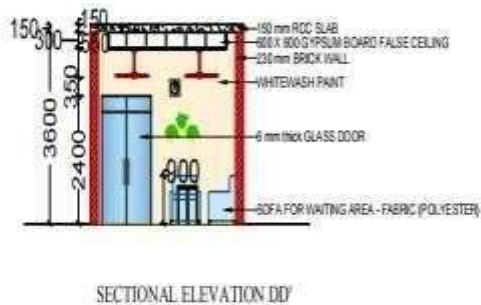
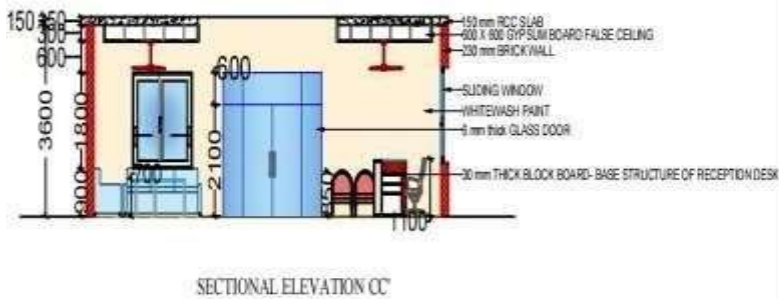
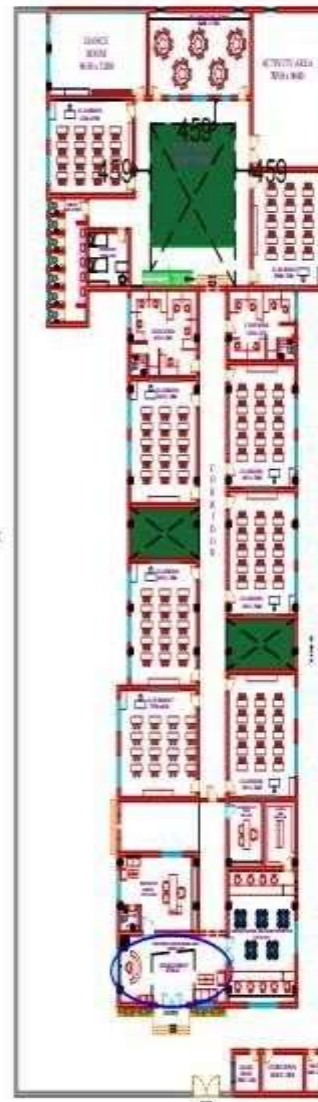
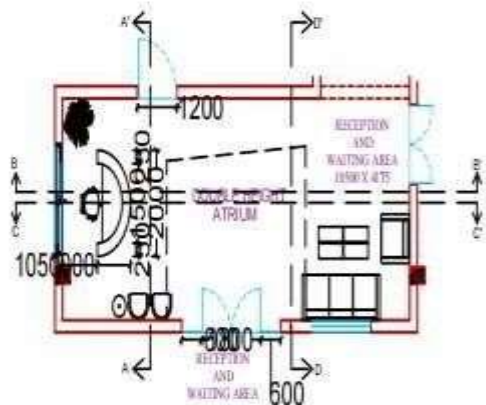
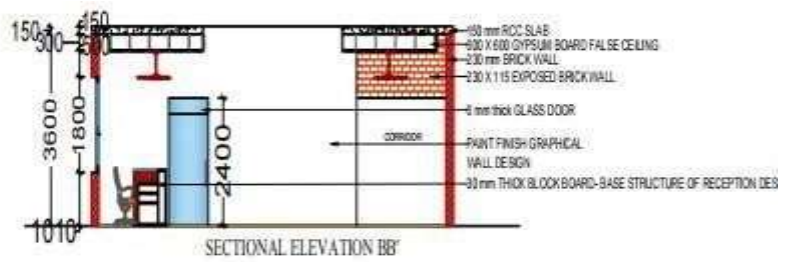
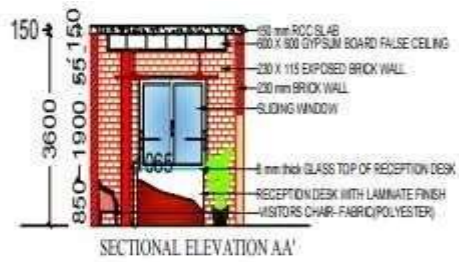


SECTIONAL ELEVATION CC'

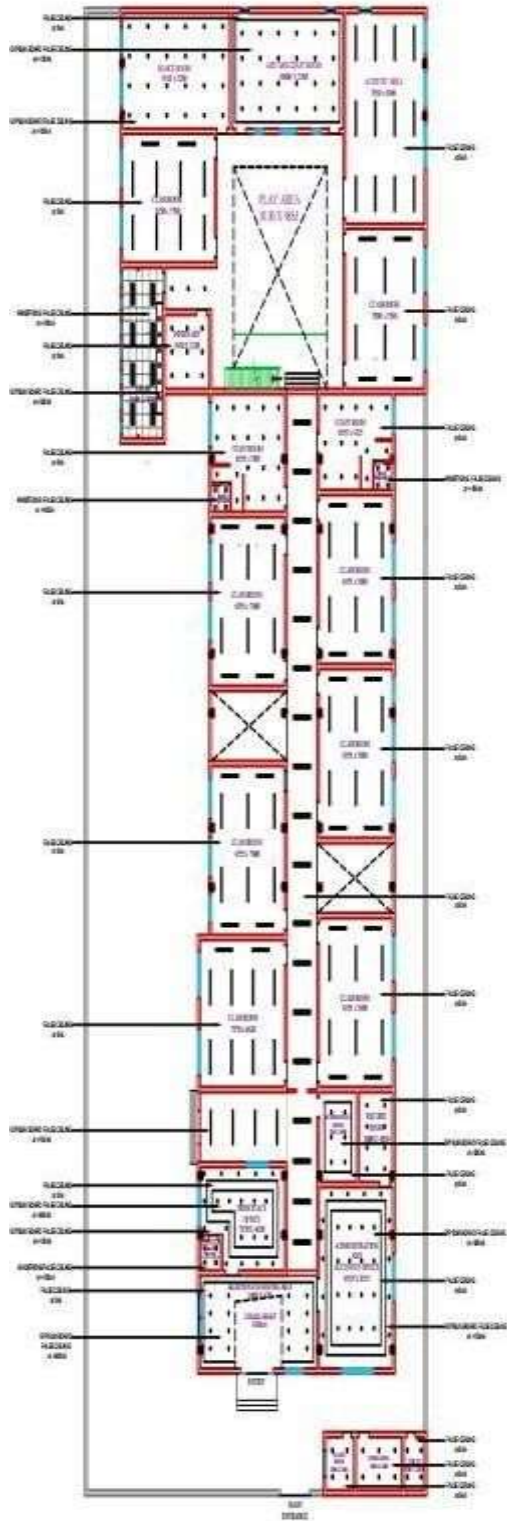


SECTIONAL ELEVATION DD'

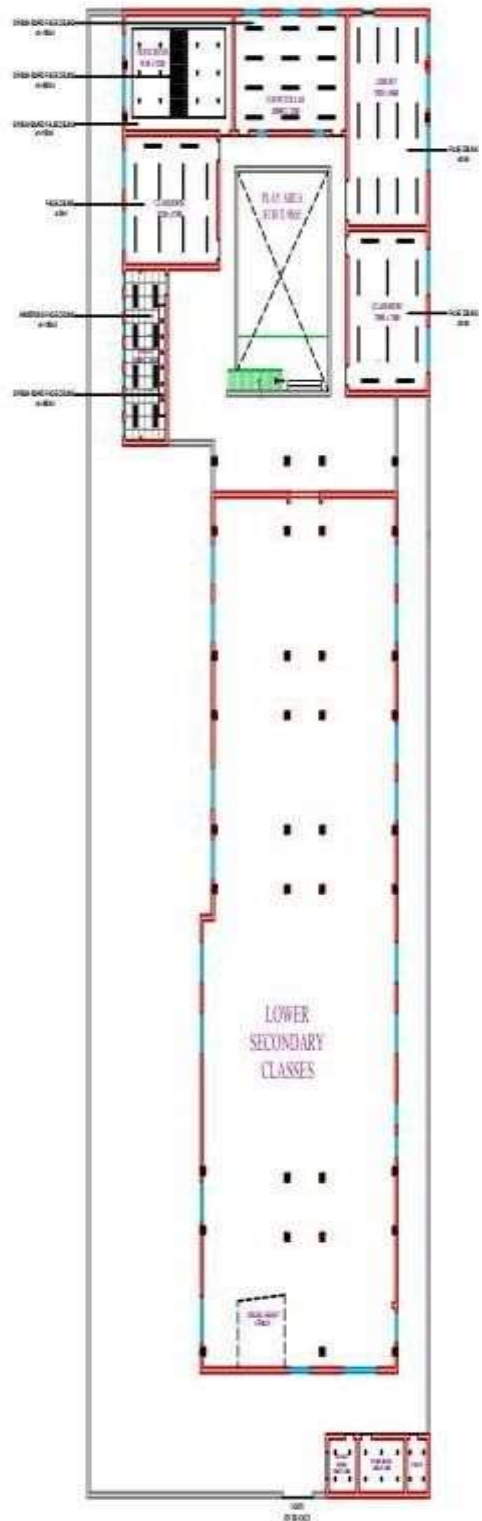
RECEPTION AREA ELEVATION



CEILING PLANS



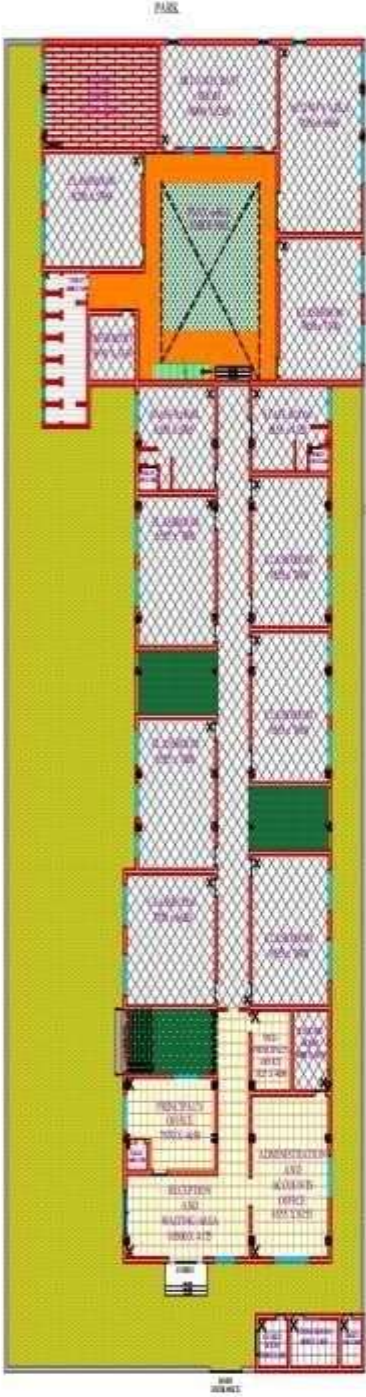
GROUND FLOOR PLAN



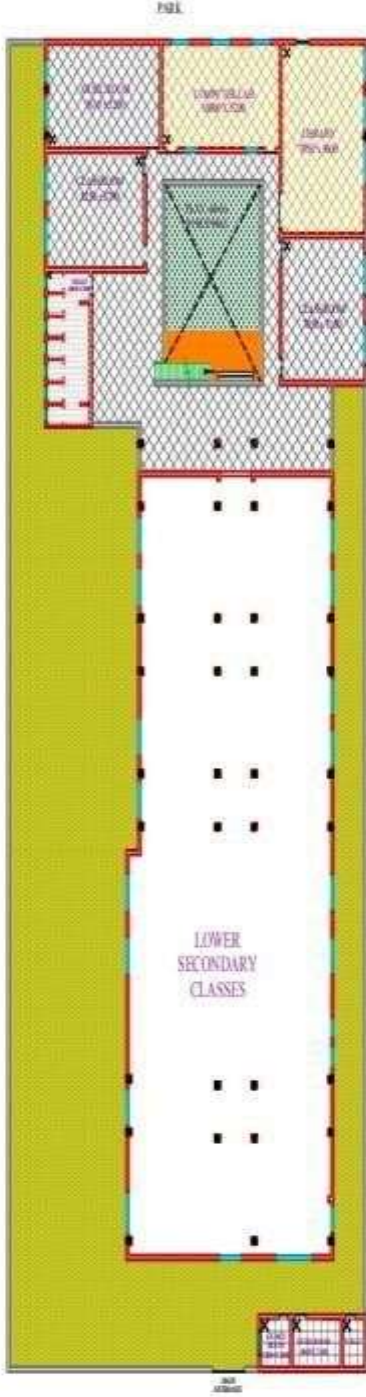
FIRST FLOOR PLAN

FLOORING PLANS

LEGEND	
	100% CARPET
	100% POLYURETHANE
	100% POLYURETHANE
	100% POLYURETHANE
	100% POLYURETHANE
	100% POLYURETHANE




GROUND FLOOR PLAN

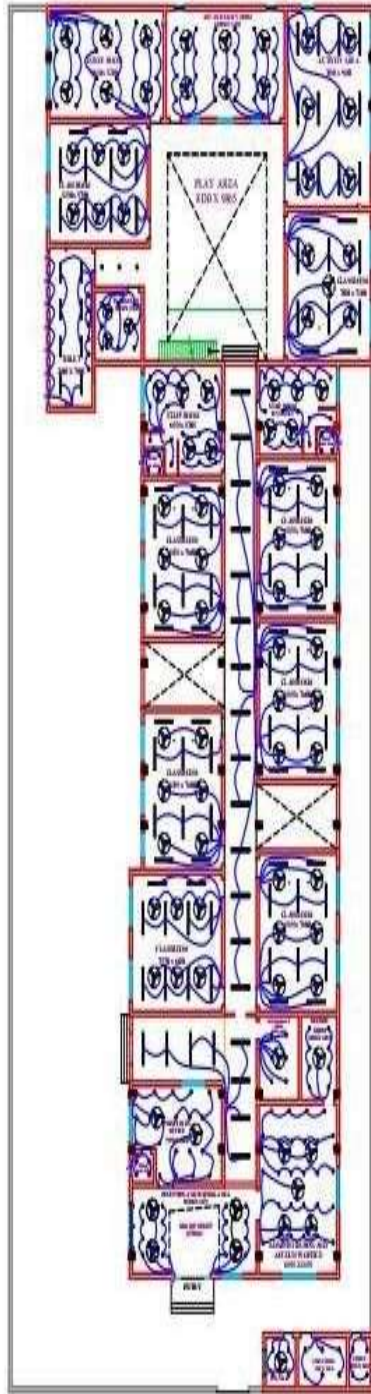


FIRST FLOOR PLAN

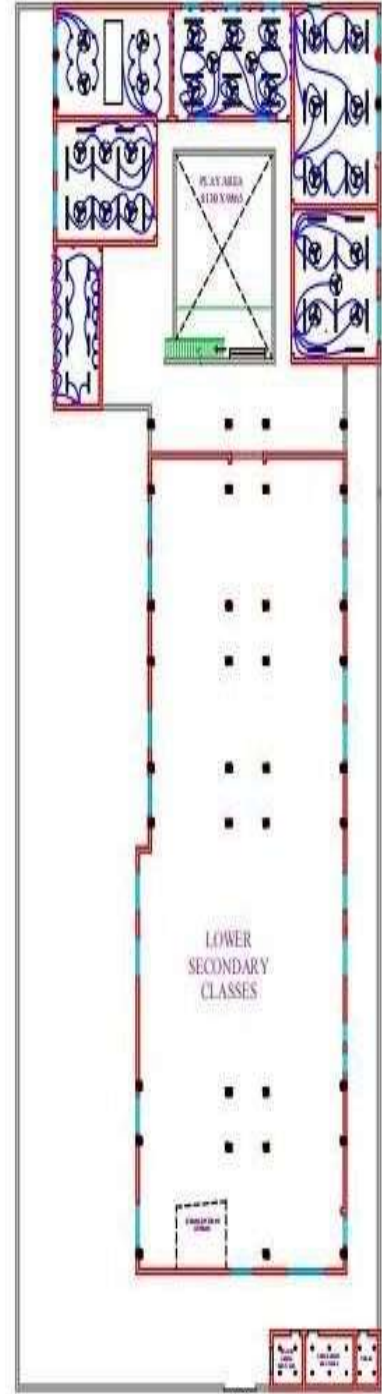
ELECTIVE DETAILS

ELECTRICALLAYOUT

LEGEND:	
	0.5 PHASES (3000/2000) THREE CORE (3000/2000) (3000/2000)
	0.5 PHASES (3000/2000) SQUARE (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)
	TRIPING FAULT (3000/2000) (3000/2000)



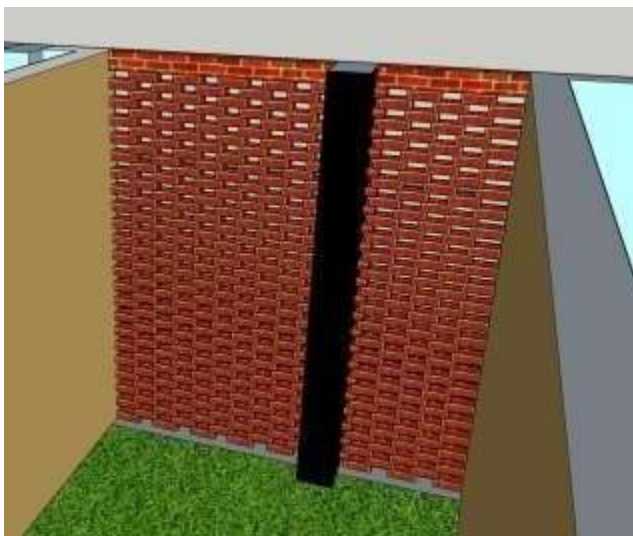
GROUND FLOOR PLAN



FIRST FLOOR PLAN

3D VIEWS OF INTERIOR

RECEPTION AREA



3D VIEWS OF INTERIOR

CLASSROOM



3D VIEWS OF INTERIOR

ART ROOM



PRINCIPAL OFFICE

