



**JECRC Foundation**



**JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE**

## JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER

Class – 2nd Year - IV Semester: B.Tech. (Civil Engineering)

Subject – Building Planning

Chapter – Vastu Shastra In Modern Building planning- UNIT- 7

Presented by –Hetram Sharma (Assistant Professor)

# VISSION AND MISSION OF INSTITUE

## Vision

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

## Mission

**M1.** Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.

**M2.** Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide platform to gain knowledge and solutions.

**M3.** Offer opportunities for interaction between academia and industry.

**M4.** Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

# VISSION AND MISSION OF DEPARTMENT

## **Vision**

To become a role model in the field of Civil Engineering for the sustainable development of the society.

## **Mission**

**M1.**To provide outcome base education.

**M2.**To create a learning environment conducive for achieving academic excellence.

**M3.**To prepare civil engineers for the society with high ethical values.

# COURSE OUTCOME

**CO-1** STUDENTS WILL BE ABLE TO UNDERSTAND TYPES OF BUILDING & APPROPRIATE SELECTION OF SITE WITH SUN CONSIDERATION.

**CO-2** STUDENTS WILL BE ABLE TO UNDERSTAND ABOUT BYE-LAW AND NBC REGULATION ALONG WITH ORIENTATION, CLIMATE&COMFORT CONSIDERATION.

**CO-3** STUDENTS WILL BE ABLE TO UNDERSTAND BUILDING PLANNING. STUDENTS WILL ABLE TO USE PRINCIPALS OF OF VASTU SHASTRA

**CO-4** STUDENTS WILL BE ABLE TO UNDERSTAND FUNCTIONAL DESIGN AND ACCOMMODATION REQUIREMENTS OF RESIDENTIAL BUILDING AND NON-RESIDENTIAL BUILDING WITH PROVIDING DIFFERENT SERVICES

# CO-PO MAPPING

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
4CE4-07	CO-1	3	1	3	3	2	3	3	2	1	1	3	2
	CO-2	3		3	2	2	2	3	2	1	1	2	2
	CO-3	3	1	2	1	1	2	3	2	2	1	3	1
	CO-4	3	2	2	2	2	2	3	1	2	1	2	2

# CONTENTS

## **Vastu Shastra In Modern Building planning:**

### **Factors considered in Vastu**

1. Site selection
2. Orientation
3. Planning and design of residential buildings
4. School/hospital

## Site selection:-

### Selection of the plot-

Facing of the plots are considered important but there is a wrong notion that North and East facing plots are better than South and West facing plots. This is not true, all the directions are equally important; it is up to us how much we follow the rules.

1. The plot should be either square or rectangle in shape.
2. Irregular shapes should be avoided or should be cured before construction.
3. The site should be level or sloping towards North or east or North-East.

Vastu consultation of selection of plot involves a thorough analysis. We will provide you with the assistance in selection of the best suitable plot. We follow the following steps:

1. Check and determine the directions of the site.
2. Check the soil of the site as it plays a major role in forming the vibrations of that particular site.
3. Try to get a personal feel and touch of the property to observe positive or negative vibrations at the site.
4. Prepare a Vastu analysis chart indicating important aspects and grading of the plot and suggestions.

## **Vastu for Orientation:-**

Right **Orientation** or Direction. Maharishi **Vastu** stipulates that the entrance to the home should face east, because the energy from the sun is the greatest and most vital when rising, thus bringing greatest benefits to the health and vitality of the family.



# Planning and design of residential buildings:-

## 25'X65' HOUSE DESIGN WITH FLOOR PLAN AND PROJECT FILES

The image displays architectural plans and a 3D rendering of a house. On the left, three floor plans are shown: the Ground Floor Plan, the First Floor Plan, and the Second Floor Plan. The Ground Floor Plan includes a Backyard, Dining area, Kitchen, Living Room, and a Lawn. The First Floor Plan features a Master Bedroom, two other Bedrooms, a Lobby, two WCs, and a Balcony. The Second Floor Plan shows two Bedrooms, two WCs, a Lobby, and a Terrace. To the right, a 3D rendering shows a modern two-story house with a red car parked in front. The house has a white facade with brown accents and a balcony on the second floor.

**GROUND FLOOR PLAN**      **FIRST FLOOR PLAN**      **SECOND FLOOR PLAN**

# Plan of School Building:-

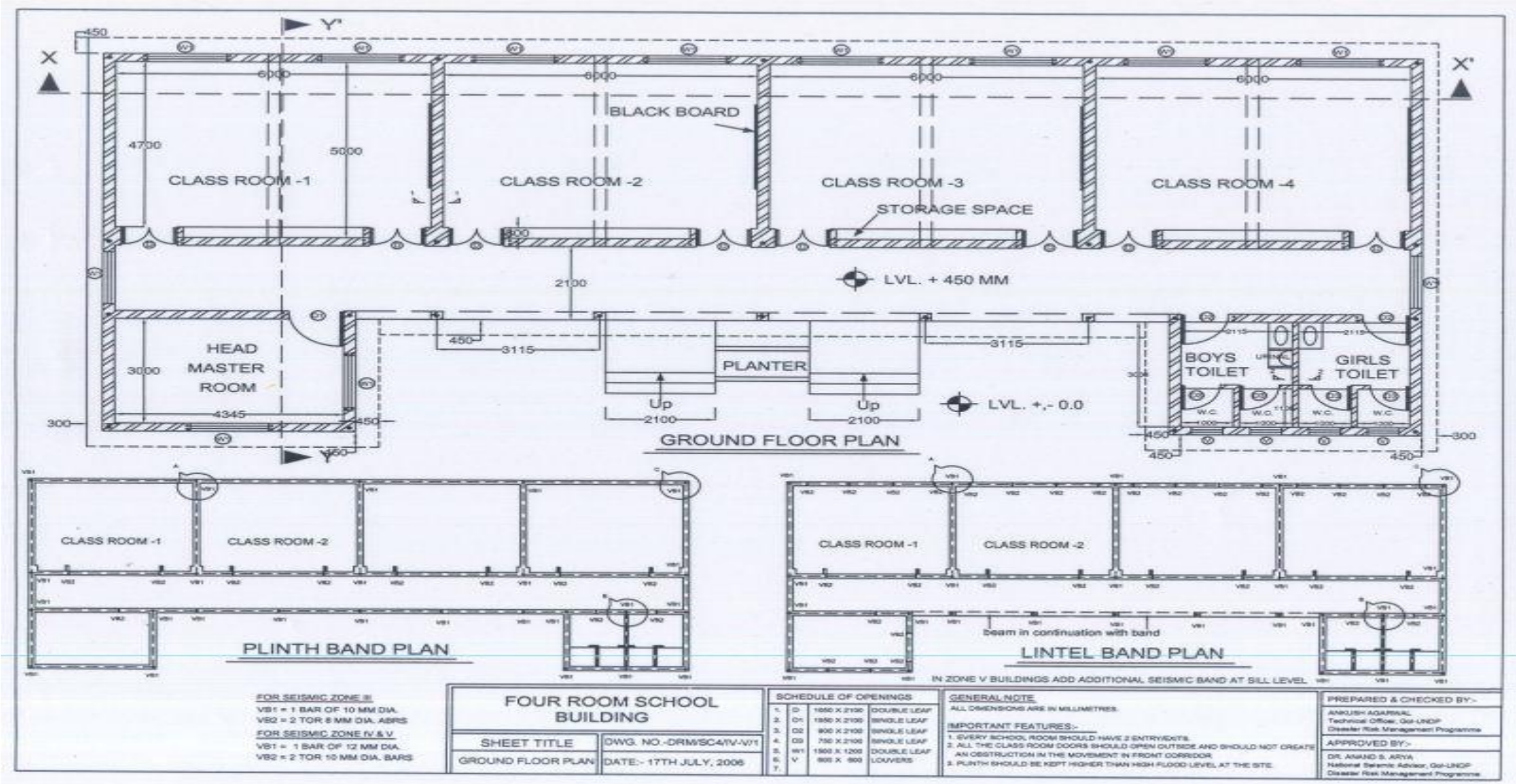


Fig:-Plan of Primary School

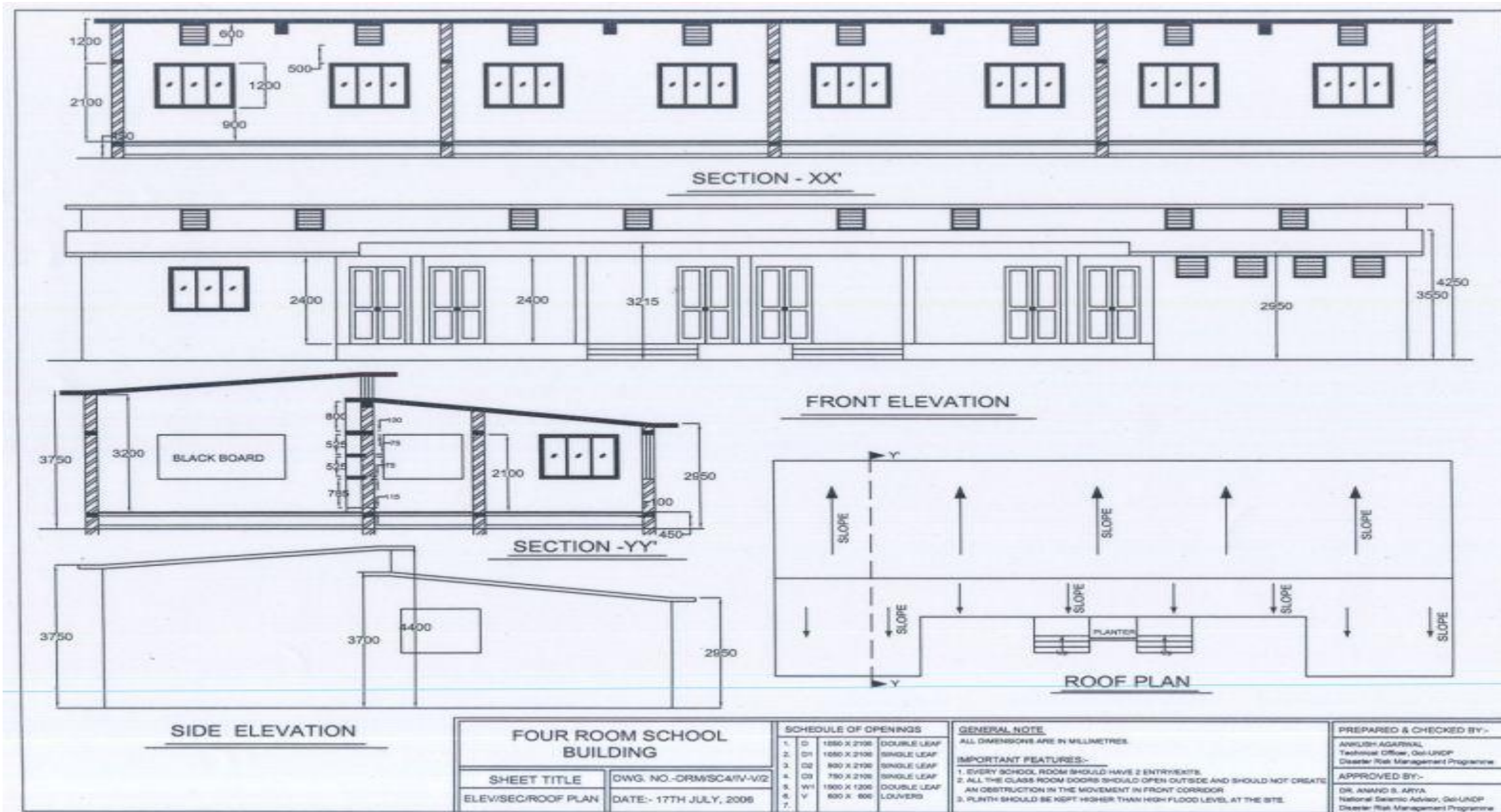
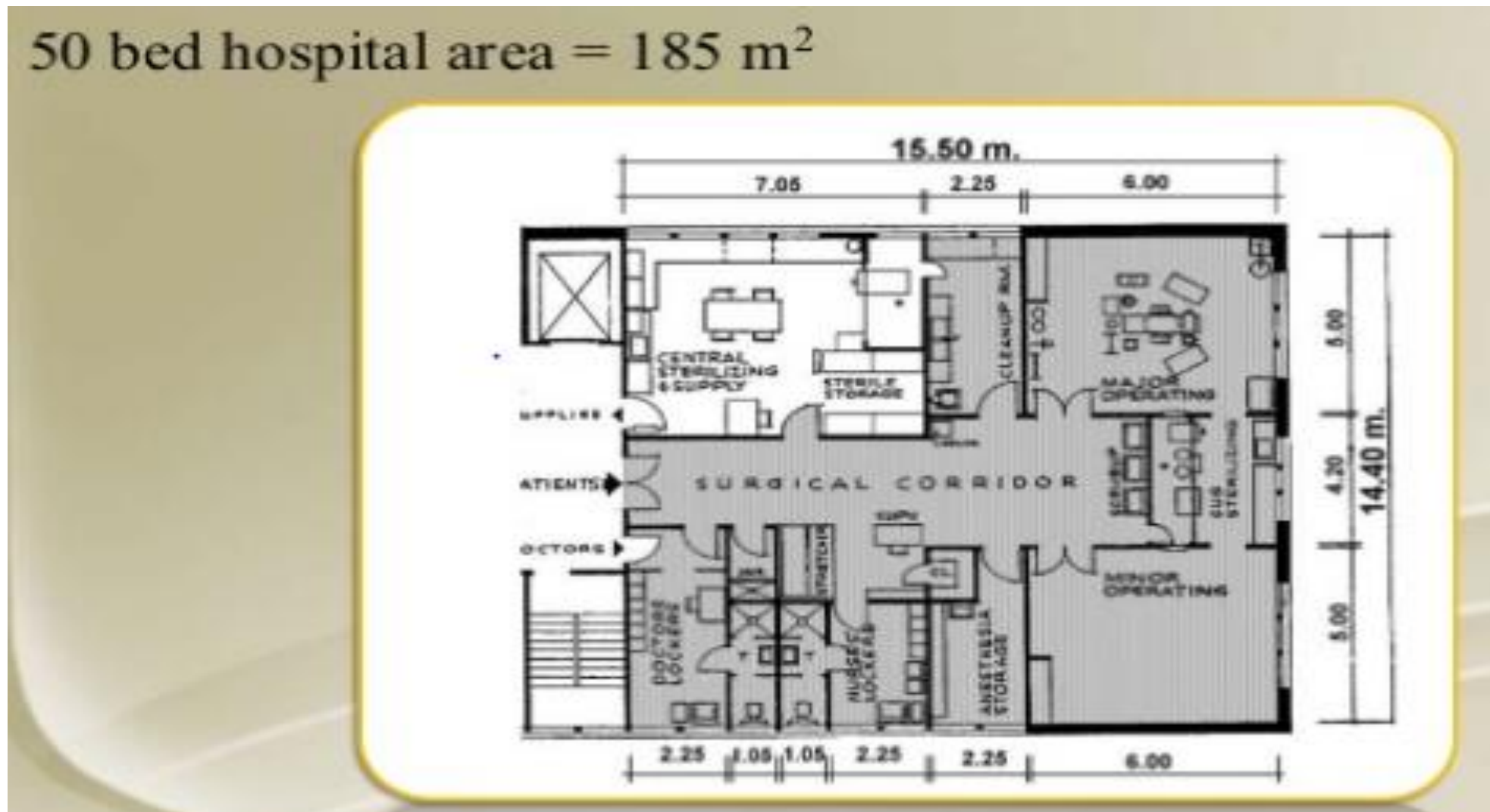


Fig:- Elevation of Primary School

## Plan of Hospital Building:-





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*Thank  
you!*

**STAY HOME, STAY SAFE**