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Subject :- Intro to Architecture & town planning

Section :- "B"

Department :- Civil

Date :- 25/4/2020

Question No : 1



## Question No "1"

### Positive Points:-

- ① According to the principles of design I think that the balance of this house is very well. Because this is constructed on a very flat area and also constructed by very well proportion. At every angle it seems to balance.
- ② As we know that there are three main principles of design. So first we have discussed and the second one is Delight. So as we saw. That house is very beautiful it give a pleasant look. The area of this house is also very calm and beautiful.
- ③ Now the third one we are going to discuss. The distribution and the ~~sequence~~ <sup>sequence</sup> of the rooms is also very well. All the rooms, ~~and~~ hall, and also a kitchen are at very proper place. So this sequence gives an admire look.

## Negative Points:-

① First and important ~~thing~~: think ~~which~~ i noticed. That ~~is~~ is the Sunlight. Sunlight is an important thing for the survival. And in this house Sunlight cannot enter easily.

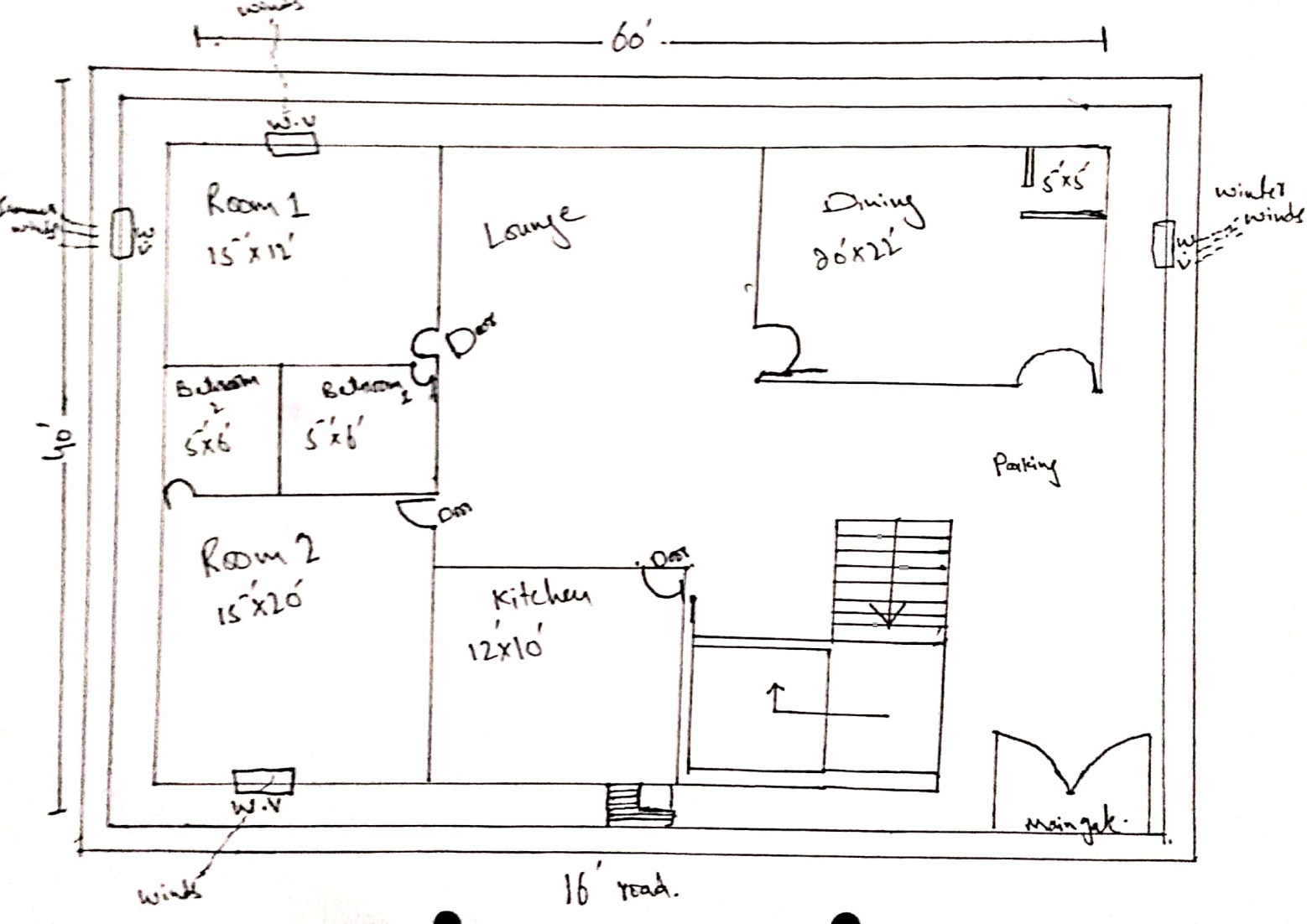
② It has no proper area for the solar system. (solar glass).

• According to principles i think there is no more negative points.

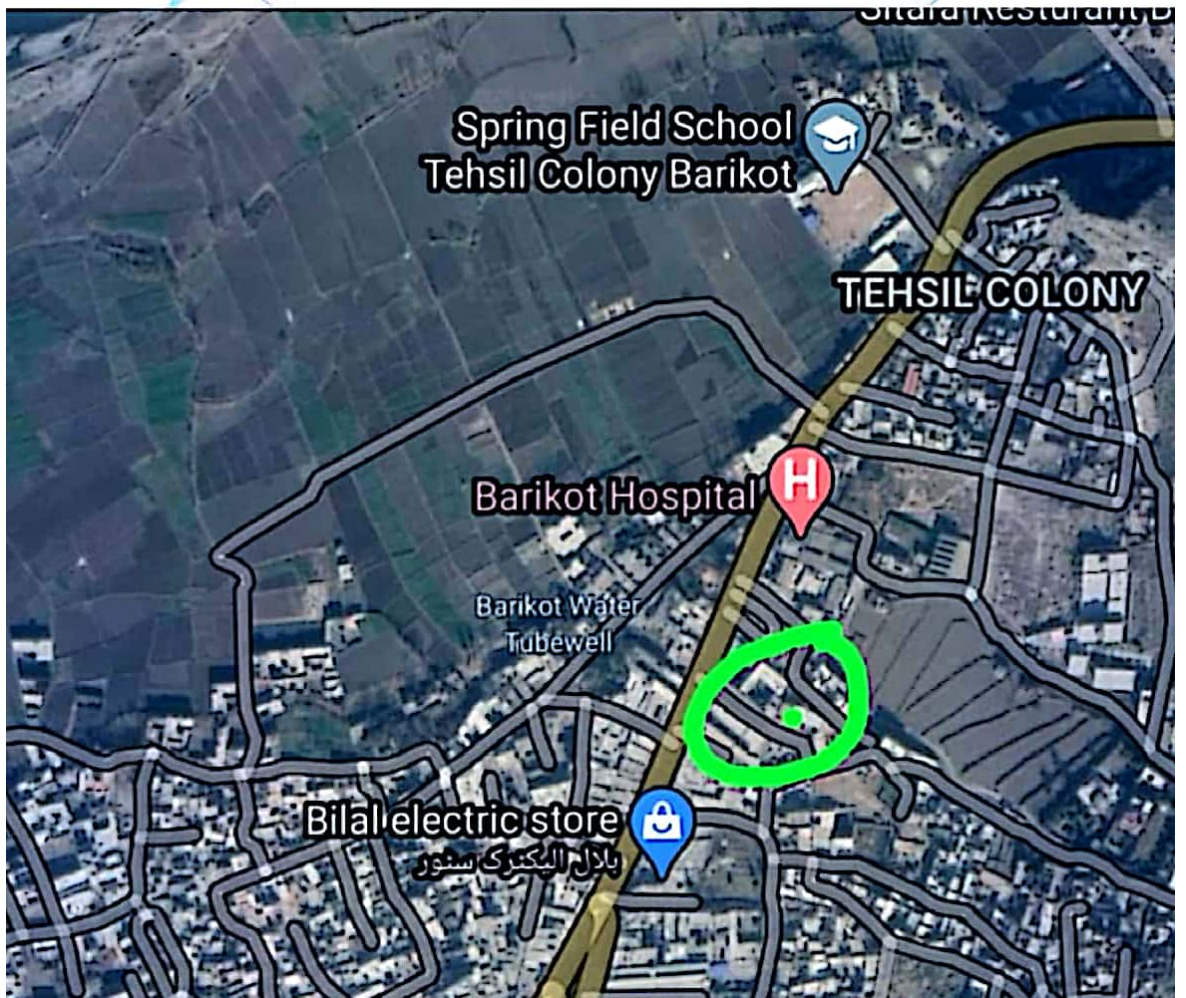
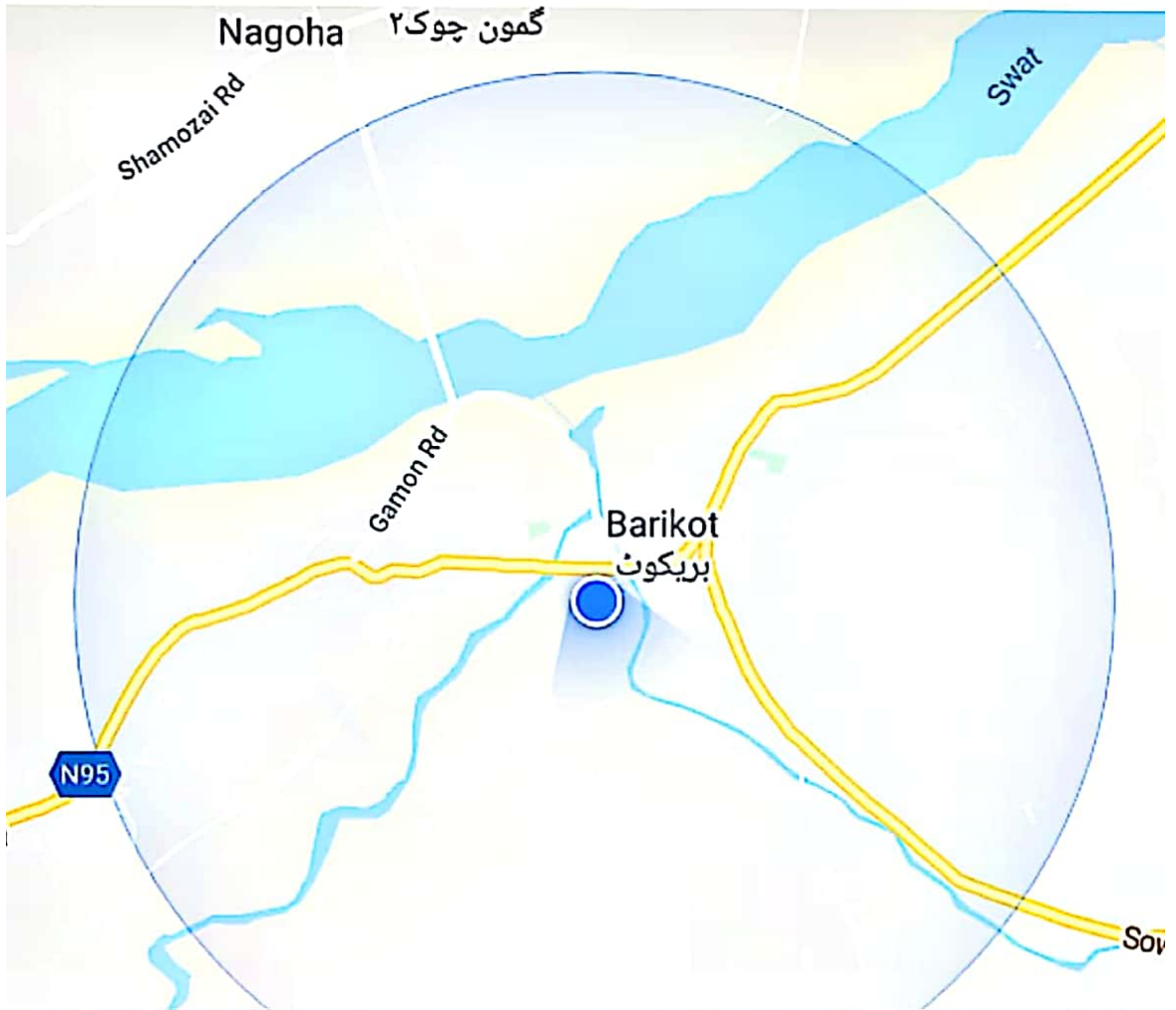
:- what could be done to make the building more attractive:-

This building is much beautiful and admirable but to make it more attractive we need to <sup>(make)</sup> some walls of glass. By which transparent glass of the house must be more attractive. Also we can decorate the walls and each part of the house with <sup>different</sup> and admirable stone which are much beautiful in looks. And also the outer area of the house cover with greenery for better look. In my opinions these are the important steps for the more attractive house.

Question NO :- "20"



# Question No: 3



Question No :- "3":

I select a site at Barikot here i want to do construction so i want micro site analysis of this ~~place~~ place.

Micro site analysis:-

The first thing is site visit in the design process. After this, a detailed site analysis has to be done so as to really grasp the features of the site, which will be important during the design. Here are some points are the following.

① Location:-

As the green circle area is our site. It is located in Barikot Street. The site is near to the Hospital, Schools and many other facilities are available near to this site.

② Orientation:- Orientation of site plays an important role in sitting of building. Site is east facing, to lift building ground at right back house.

### ③ Wind direction:-

In this we can specify the directions of the wind. Most of the location have a general direction. However this will not always hold true. If we design the climatologically responsive building it will be ~~important~~ important to consider the direction of the wind. So that it can be channelized to the interior.

### ④ Soil type:-

Soils vary from place to place. The soil of the site having hard safe load bearing capacity. we can design any storey building here.

### ⑤ Topography:-

Site is located in a flat surface area. Having no ups and down as a hilly areas.

### ⑥ vegetation and natural features:-

Some natural features are here in the site area but in small quantity. Because this is an urban area.



## ⑦ Precipitation & hydrology:-

The average annual rainfall, often measured 3 inches during 31 days centered around march 16.

## ⑧ Infrastructure facilities:-

This refers to the services present in the location. The major things to be considered are the water supply, waste disposal, electricity supply etc. These are important while planning the zoning in the site.

## ⑨ Locally available resources:-

Here every thing is available as to the needs of people.

## Temperature and Sun path:-

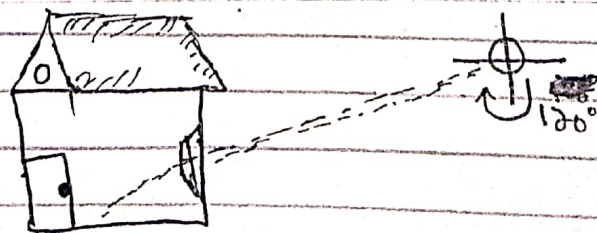
This is also the important things to notify.

The following data is only for the "Ravikot".

January	Sun Rise		Sun Set	
	Time	Angle	Time	Angle
	7.23	120	17.14	244
1 to 30	7.15	114	17.40	247

July	Sun Rise		Sun Set	
	Time	Angle	Time	Angle
	5.05	63	19.22	246
1 to 31	5.24	69	19.15	297

Winter:-



Summer:-

