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NAME = Abdul Basit Khan
Department = Civil
ID = 16319
Subject = introduction to architecture & town planning

(1)
ANS:-

Positive points:-

- * In positive points first of all we will talk about the areas of the building in which it located as we can see the building is situated in a forest type area and every where we can see the beauty of nature.
- * The building is at a certain height due to which the ventilation of air at summer session will be so good.
- * The structure of the building is so beautiful and also the waterfall under the building increases its beauty even more.
- * The building is so well balanced is strong enough due to its well balanced structure.
- * The internal structure of the building is so well the rooms are placed at correct positions and the location of the balconies cannot be missed without compliment.

Negative points:-

In my opinion there are no negative points in this building except for colour. Instead of colouring the front view we should have used rock tiles which would have looked more beautiful and natural.

What could have been done for more attractiveness:-

well the building is attractive enough but every one has his own taste so points in my opinion for more attraction are:

That if we could have balanced the building at more height then we could have build a big basement hall and we would have floored it with transparent glass over the water which would have looked magical.

We could have used rock tiles instead of paints which would have looked more natural and attractive.

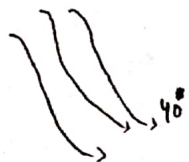
and another point according to my opinion would be that we can build or place different decorative structure made of stone at balconies and terraces point or at front view which would increase its beauty and hence attraction.

(3)

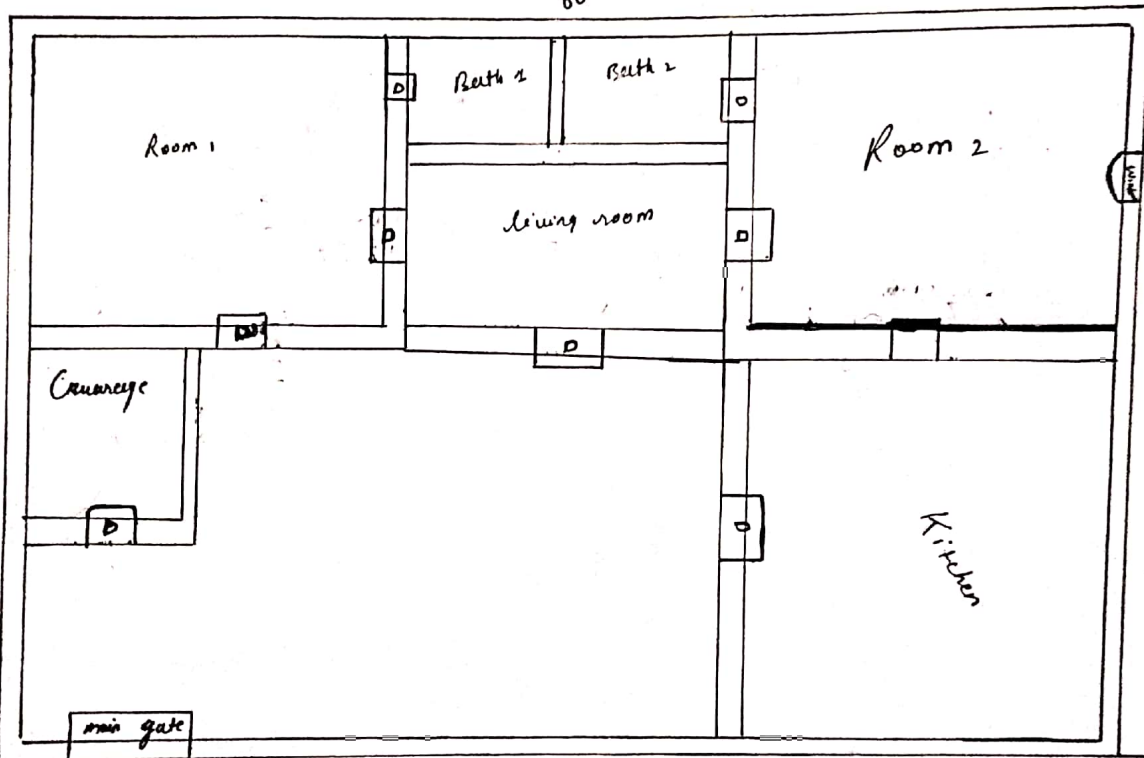
Q2 :-

60°

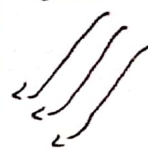
Summer winds



40°



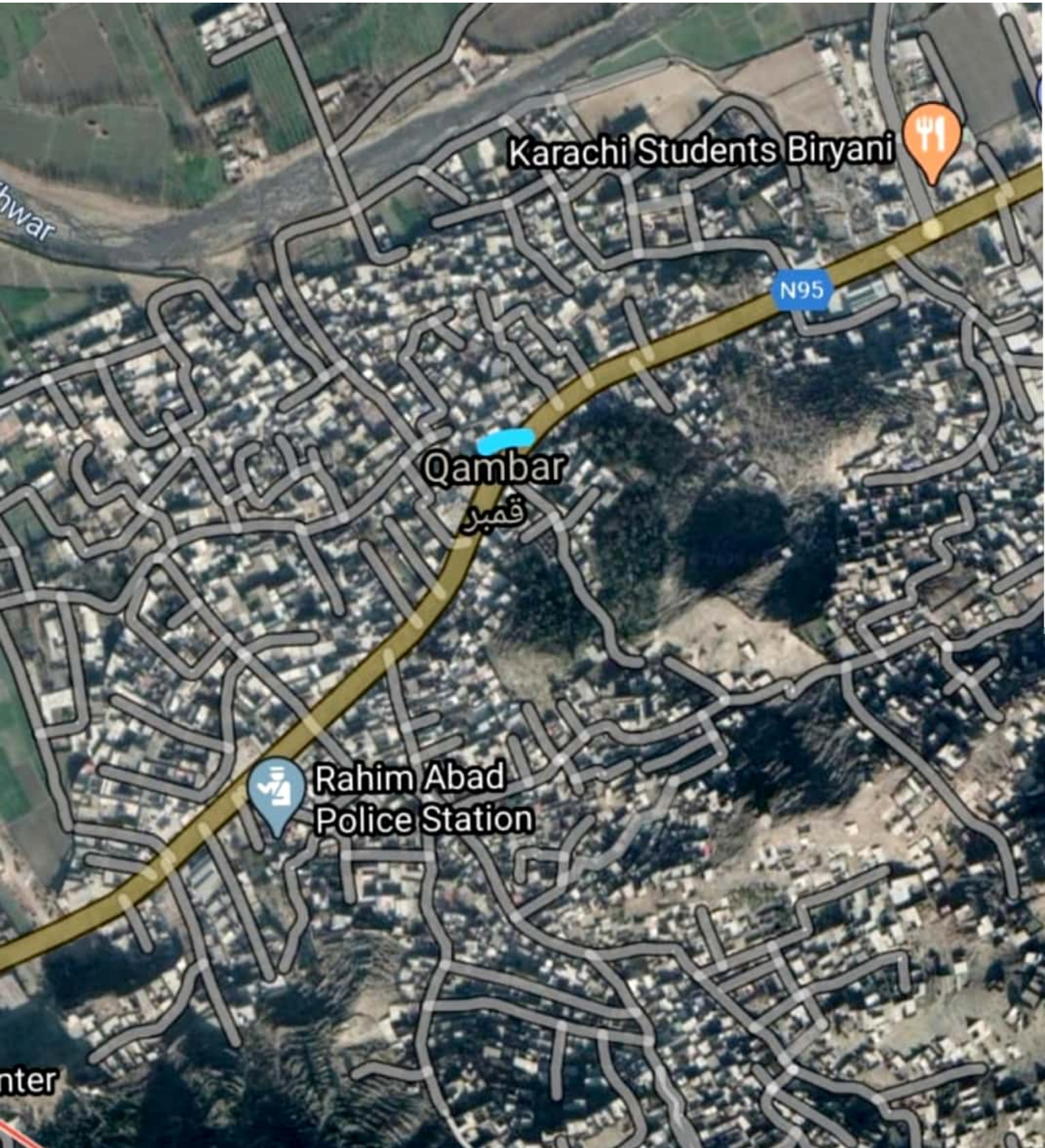
winter



D = Door
W = window

↑
North direction

16' road



Ans:-

I select a site at gambhar in surat. Let I want to build a building here.

Microsite analysis:-

The site visit is one of the first thing to do design process. After completion of site visit a detailed site analysis has to be done so as to really grasp the feature of the site.

1- Location:-

The first thing is location of the site thus the blue shaded area is our sites location. It is located in gambhar the site is near the road, market, plazas, hospital and many other facilities.

2- Orientation:-

The orientation of the site plays an important role in sitting of building, site is east facing to get building ground at right hand houses.

3- Wind direction:-

In this we specify the direction of the wind. It will be important to consider the direction of the wind so that it can be channalized through the interiors. This will play major role in placement and size of opening.

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4- Soil type and condition :-

The soil of the Site is hard and load bearing.

5- Topography:-

Site is located at smooth surface having no up and downs.

6- vegetation and natural features:-

In the Site there is no natural features and vegetation because the Site is located in urban area.

7- precipitation and hydrology :-

The average rainfall often measured 2.8 inches - during 31 days centred around march 15.

8- Infrastructural facilities:-

This refers to the service present in the location. The major things to be considered are water supply, drainage connection, waste disposal, electricity, etc. Our site has all these facilities.

9- Surrounding landuses and buildings:-

In commercial area because the Site is in the city.

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10 - Temperature & Sun path :-

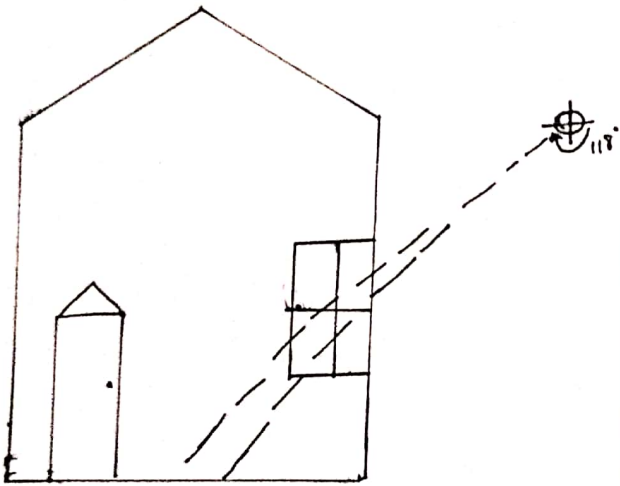
This data is taken from Google this data is only acceptable ~~from~~ you Gambar.

	Sun rise		Sun set	
	time	angle	time	angle
January 1 to 30	7:16	118	17:9	243
	7:8	111	17:37	250

	Sun rise		Sun set	
	time	angle	time	angle
July 1 to 31	5:01	61	19:15	244
	5:20	68	19:10	293

(7)

Winter



Summer

