

1.

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SECTION : A

QUESTION : 01.

Take any building from internet, put its... and explain its positive and negative points according to the principles of design. What could be done to make the building more attractive? Answer must be at least 200 words.

ANSWER :-

∴ BUILDING CAN MAKE MORE ATTRACTIVE BY THE FOLLOWING :-

→ SIMPLIFY THE LANDSCAPE :-

limb up, cut-down and remove. Just because its green doesn't mean



it helps. Clean, straight forward and low maintenance looks organized and easy to approach.

### → PAINT :-

Technology has come a long way with coatings, and for the dollar, paint is the fastest and cheapest way. Don't take risks, take a digital picture to a local graphic artist or architect to come up with a few virtual schemes. Keep it classic and timeless, but avoid copping out with beige.

### → WASH THE FACEADE WITH LIGHT AT NIGHT :-

Don't be too delicate. With this, show that your building is always alive and secure, even if the businesses are not open as late as the lights are on. 12V and solar systems won't cut it, but with LED technology, ongoing cost is minimal.



3.

### → THE ADDRESS NUMBERS :-

Don't overdo this, but the right address number size and font can make a fashion statement similar to a pocket square on a sport coat.

### → SIGNAGE :-

Always a difficult balance with tenant requirements and franchise standards, but get the right advice. A poor tenant with a good sign can help set a high quality tone for the whole building nonetheless.

### → HIDE ANKWARD ELEMENTS WITH "THE NON-COLOR" :-

"The Non-Color" is the color of things that don't want to be seen, like Battleships. "The Non-Color" does not care what the rest of your building



4.

!:  
\* material palette is, nor should it work too hard to coordinate, or it become part of the broader composition. Dumpster doors, mechanical louvers, sheds, utilitarian fencing and other features can be "visually exased" easier than they can be beautified.

→ CLEAN EXTERIOR SURFACE OF GLASS :-

Seems obvious, but glass from all angles and in all lighting conditions shows light direct more than any other building material.

!:  
→ HAVING THE BEST MAILBOX ALONG YOUR ROAD CAN SAY SOMETHING :-

Get creative because a mailbox is like "Bonus Signage" and usually not heavily regulated by zoning.



5.

→ LIGHTS ARE SIMILAR TO MAILBOX AND ADDRESS NUMBER :-

The eye is immediately attracted to intricate details of pedestrian level lighting especially when they occupy an otherwise mundane building wall. An older industrial building with great looking, properly sized stylish wall, post and bollard lighting can be fresh and hip practically overnight.

→ DIRECTIONAL SIGNS :-

Point out the way to the main lobby, loading docks, handicap entries in and around parking lot. Most of these generally unregulated by sign codes and are great opportunities for landscape elements like stone monuments or even backlit identifiers.



6.

→ EMBRACE YOUR BUILDING'S ORIGINAL :-

Too often, I see owners try to offset the style of their building with these "improvements." Regardless of today's trends, this is a bad idea because building diluting the original style of a building with features that are not bold enough to redefine the building will only make your design statement even more mundane.

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(Pic on another page)





7

→ POSITIVE POINTS :-

\* LOCATION OF THE HOUSE :-

location of the house plays a vital role for the access of the people and also impact the beauty of the house. This house is located in well good place there is greenery around it and on the main road.

"Don't just choose the Right House.  
Choose the Right Neighborhood!"

→ NUMBER OF BEDROOMS :-

Some families like their kids to share bedrooms, while others like separate bedrooms. In this house there are alot of bedrooms in which big family can live and also adjust guest in it.



8.

## → NUMBER OF BATHROOMS :-

Older homes might have only one bathroom which will be very difficult for guest and as well as for themselves. The size and style of a bathroom is important as well. In this house there are attached bathrooms with each room.

## → KITCHEN LAYOUT :-

" The kitchen truly seems to be the heart of the home "

It is where great food is created for the family and friends who gather there. The size and the layout are important. In this house the size of the kitchen is well big and stylish.



## → THE STYLE OF HOUSE:-

The style of this house is well good and stylish. It gives a very attractive look from the main road.

## ⇒ NEGATIVE POINTS:-

### \* REPAIRS AND MAINTENANCE:-

Even with good maintenance in some years property will lose its appearance and requires additional investment into it. This house is much big and it will take a lot of money for again repairing.

### \* UTILITY BILLS:-

The bigger the house the higher utility bills you have to pay. So, this house is also much bigger and will come much great bills.



→ RISKS :-

In this house the home owners face many risks while owning the house like inability to pay taxes, mortgage, afford costly repairs or neighborhood changes from good to bad.

→ PLACE :-

This house is located in such a place where the main road is near by. So, there is a risk of any a accidental - So it will affect the house.

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QUESTION:- 02

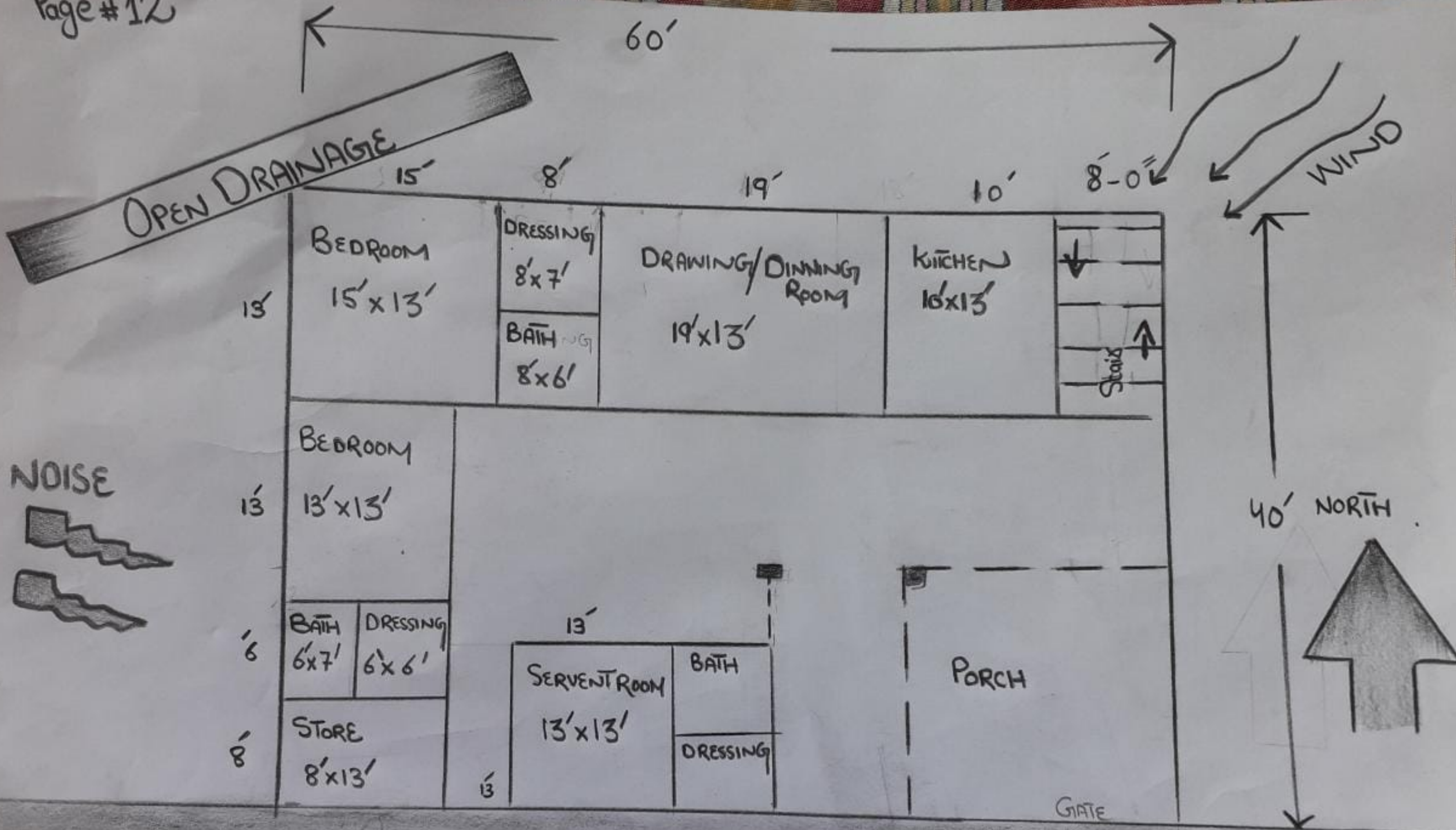
Design and sketch  
an ideal single storey house on  
the site down below. The design  
should be drawn a graph  
paper. If it is not available draw  
on 5'x5' on separate white A4  
size paper. The house should be  
naturally ventilated and have natural  
lighting. Also, it should be free of  
noise. The site is located in  
Peshawar.

→ ANSWER:-

On Another White  
Page :-

P.T.O







QUESTION:- 03

Select a site  
at the place where you live. Do  
Micro site analysis of site and  
make it in detail. You can take your  
own lawn as a site for analysis  
or any other site in the neighborhood.  
Additionally, make a solar path  
diagram. Use these sun angles to  
make a rough sketch of a  
room. Show . . . . . The purpose  
for the sketch is to show how  
winter sun is allowed and  
summer sun is back blocked.

→ ANSWER:-

Diagram on next Page :-





MUNDA HEADWORKS

SWAT RIVER



(GINDI DRAIN)



MAIN ROAD TANGI CHARSAKDA

CHARSAKDA



CIVIL COURT

NADRA

SHABGADAR ROAD

LOWER SWAT CANAL

Mohmd Agency

Malkand agency





## ⇒ MICRO SITE ANALYSIS :-

### \* SUBSURFACE FEATURES :-

#### ∴ GEOLOGY HISTORY :-

This area where the site is situated being valley of Momnd and Malkand egancy, having source of marble, limestone, ironstone in 15 to 20 kilometers a side of a site. In surrounding of the site the source of <sup>granular</sup> general material of reddish colour. Under ground soil is generally sandy soil under moor mooram soil layers.

#### ∴ HYDROLOGY :-

Water table in the site area exist 30 feet below from the top surface area. Being plan area of the surrounding area no springs aquifers exist.



## ∴ SOIL GENESIS :-

The surface of the selected site and its surrounding mostly plain and compacted.

Therefore erosion factor is limited having moisture as the area surrounded river swat passing through area, also lower swat canal is passing through site within 1 kilometer.

As the site area is agriculture land so the organic content ~~content~~ may consider. Also bearing capacity of the site is good as the gravel and sand layers exist underground.

## ⇒ NATURAL SURFACE FEATURES :-

## ∴ VEGETATION :-

As the site where located the surrounding area have canal system, so many irrigation



Type of plant, trees, crops, <sup>84</sup>vegetables  
grass, which make the area  
beautiful and less pollution.

SLOPES :-

The height of the site  
location is more than the down-  
ward so, all the water drainage  
go downward and the site  
area is well drained and having  
\* Nallah jendi ~~na~~ in the surrounding  
toward the down stream of the  
site location.

WILDLIFE :-

<sup>agro</sup> As the site location is  
also based area so, the wild life  
of different specie of animals  
like cow, sheep are exist in the  
area.



## ⇒ MAN MADE FEATURES :-

### :- UTILITIES :-

The site area have a well pattern (open drain) system with public health water supply system also, Natural 'gas' pipe line and electrical lines are available all over the area.

### :- CIRCULATION :-

The site location is located on main peshawar (tangi chrsadda road) which is the most transit roads. From a main road exist in the surrounding areas like shabqdar, hasecharid etc. auto system is also possible because of the linkages of roads with main road.



## ⇒ AESTHETIC FACTORS :-

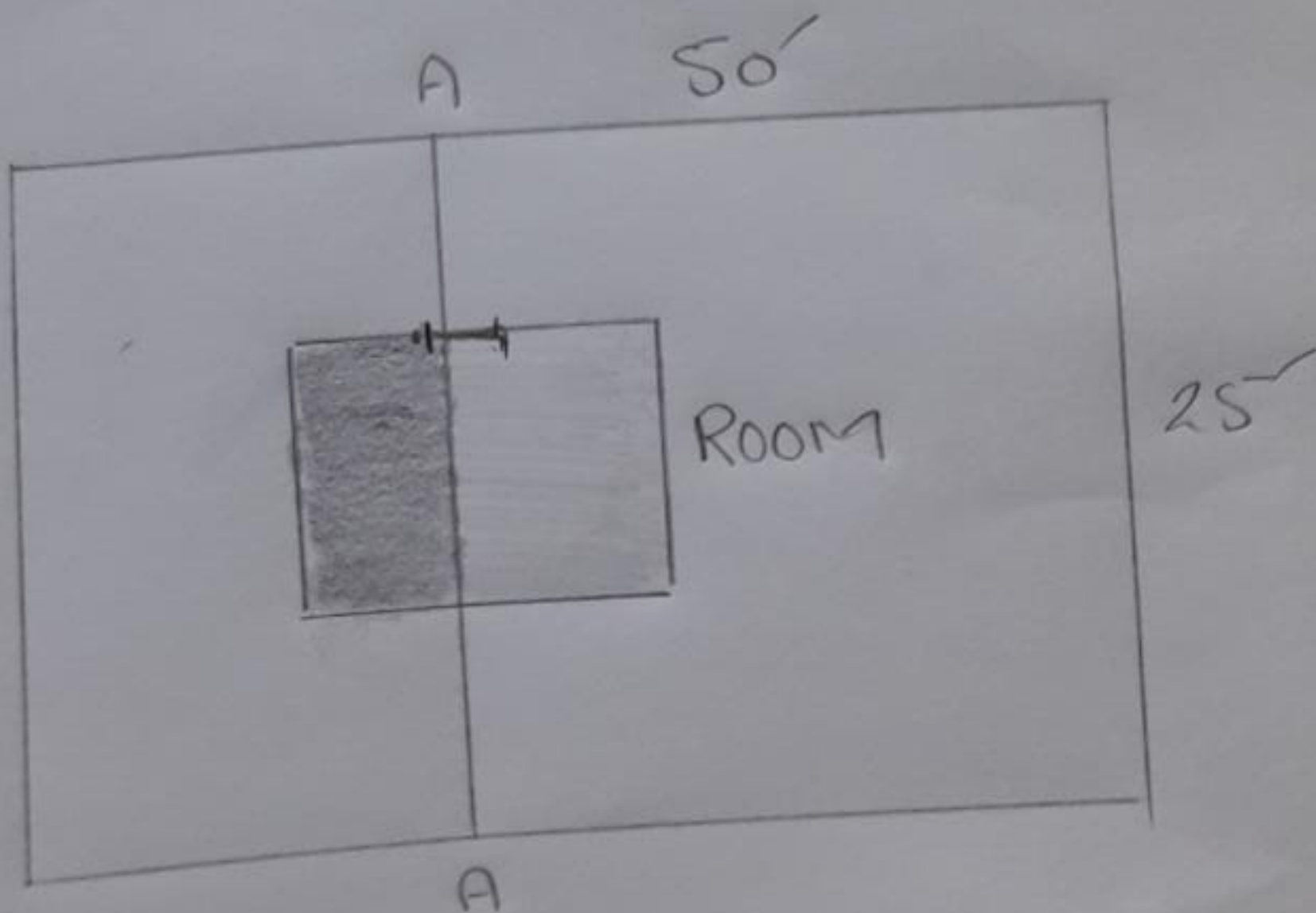
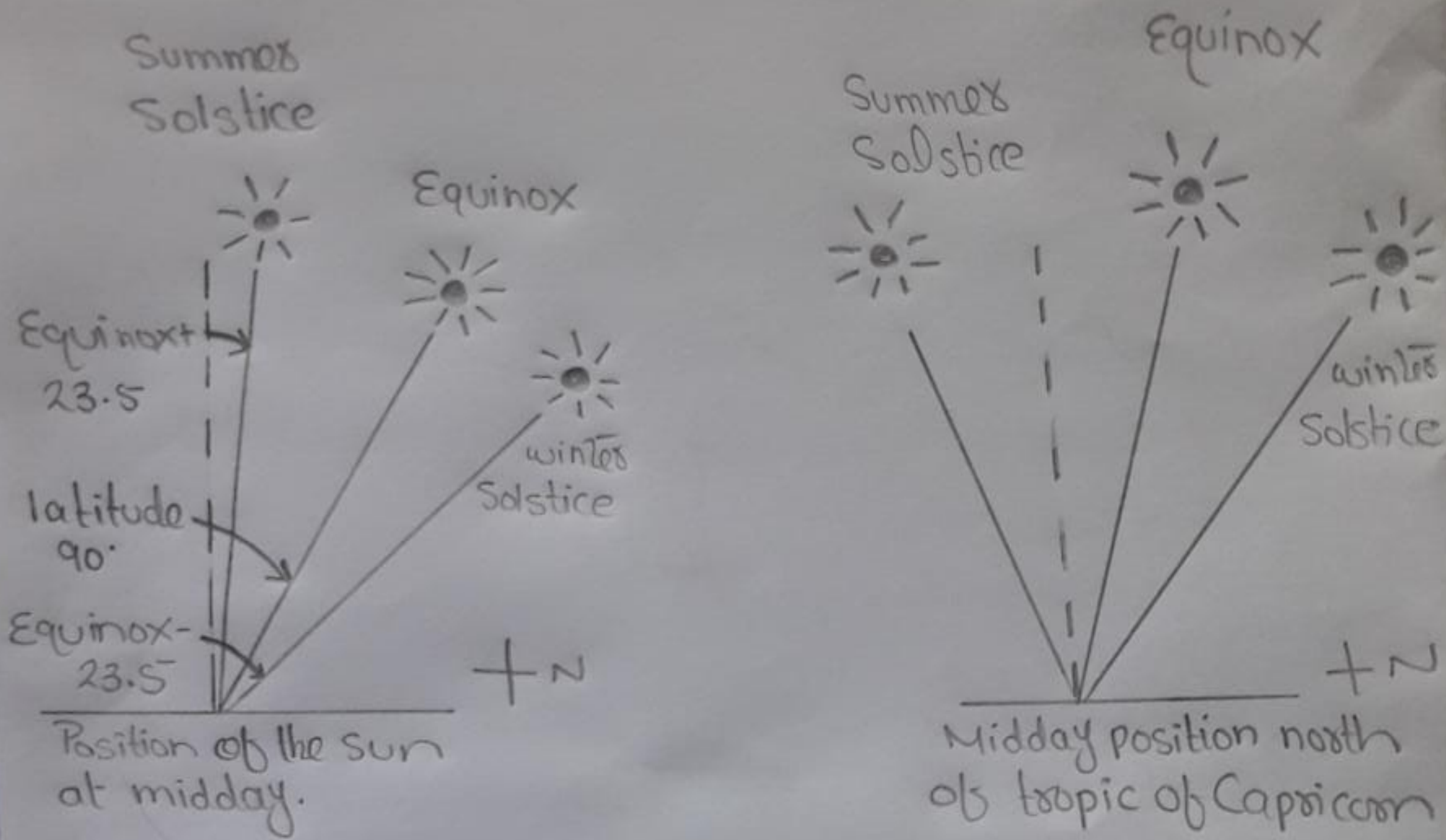
### :- SPATIAL PATTERN :-

View of the site looking good situated on the 25 meters metal road having greenery in surrounding also the moment agency and Malkand agency mountains series are view from the site. The area having sufficient spaces in the surrounding have the good potential for the new areas.

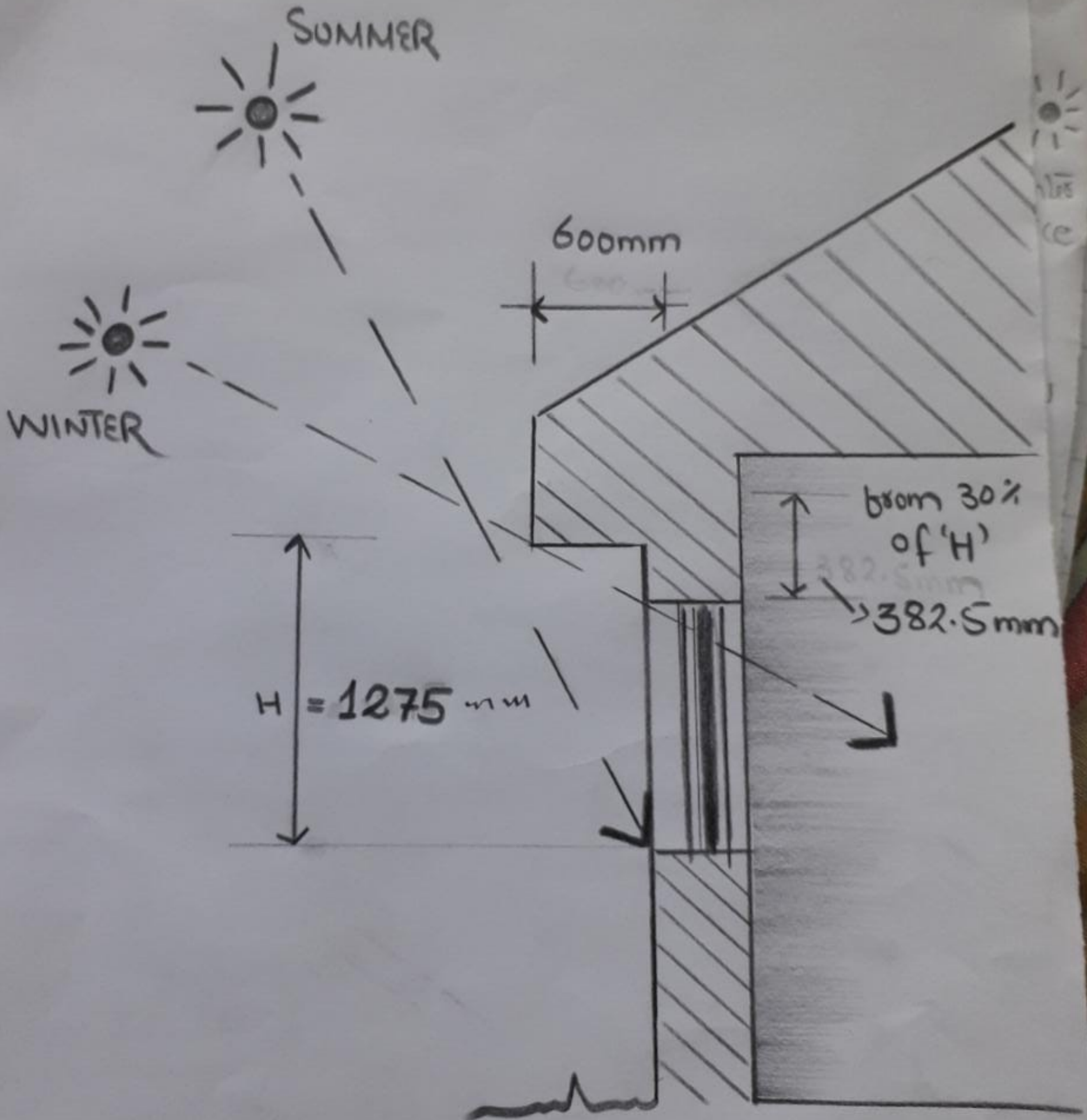
### :- NATURAL FEATURES :-

The natural features is looking good having greenery in surrounding, also having water table suitable range, the material and machinery can access easily to the site.









Sec - AA