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Section : B

Paper : Town planing (Ach)

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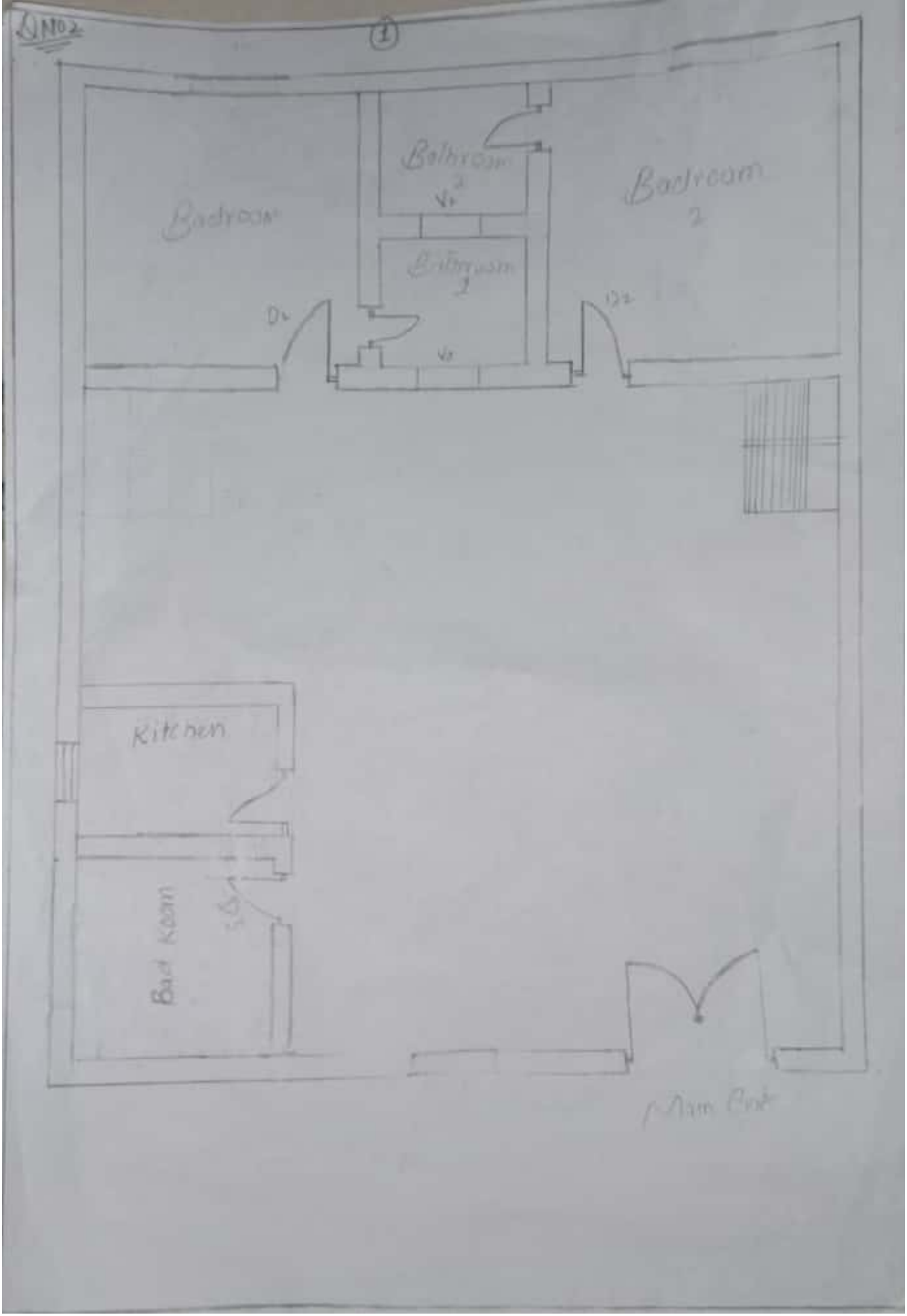
Submitted to : medim Alina



Q No2

Problems:→

⇒ this house have No proper vintilation.

⇒ this house have No proper Drainage & Sewrage system.

⇒ this house have no Sanitation

⇒ this house have no proper light.

⇒ this house can not other facilities.

⇒ in this house Noise a very high.

Solutions→

in the above house Make a proper vintilation.

⇒ in the above Make a proper Sewrage & drainage system.

⇒ in above House Make a proper Sanitation system

⇒ in the above house Make a other facilities etc.

⇒ in the above house we use Soundproof glass to control the voise.

Q3 ::

Answer::

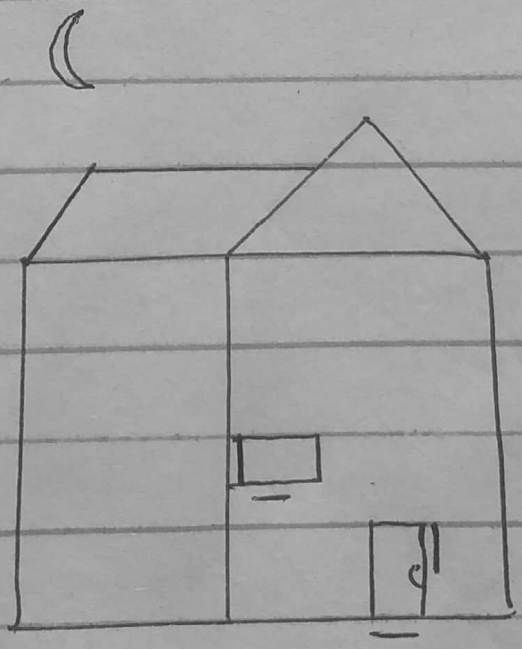
Designing house in peshawer.

first ~~sp~~ step::

① I draw sketches::

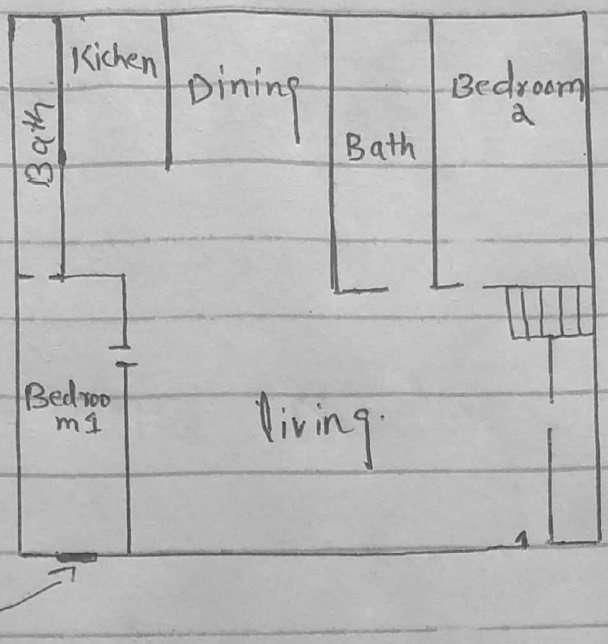
How to designing cool your house in Summer with no A.C No hope for relief.

First pull cool Air in::



At night the the guest to take it advange of cooler out side temperature and swafe of to one mainer of the home.

for cool out side Air.



open the window their Bedroom 1. the cool air are entring the to the room.

Here are 6 Science-Backed ways to Kepp Building Cool without electricity.

(1) Windows and shading, opening windows is a Common way people toy to cool building - but air inside will be Just as a hot as outside.

(2) paints and glazes.

(3) Hybrid and phase change materials.

(4) Building materials.

(5) Water evaporation.

Windows and shading.

=> opening windows is a common way people try to cool building - but air inside will be just as hot as outside. in fact the simplest way to keep the heat out is with good insulation and well-positioned windows.

Since the Sun is high in Summer, external horizontal shading such as overhangs and louves are really effected.

East and west facing windows are more difficult to shade. Blinds and curtains are not great as they block the view and daylight, and if they are positioned inside the windows. the heat actually enters the building.

paints and glazes:.

it's now common for roofs to be painted with special pigments that are designed to reflect solar rediation - not just in the visible range of light, but also the infrared spectrum. These can reduce surface temperature by more than 10°C, compared to conventional paints. High performance solar glazing

on windows also help, with coatings that are specially selective which means they keep the sun's heat outside but let ~~or~~ daylight in.

Building materials:

Building which are made of stones, bricks or concreat, or embedded into the ground, can feel cooler thanks to the high thermal mass of these materials - that is their ability to absob and releace heat slowly, thereby smoothing temperatures over time making daytime cooler and night time wormer.

Hyboide and phase change materials.

while Conereate

has a high thermal mas it's extremely energy intensive to produce 8% to 10% of the world carbon diaxide (CO_2) emissions come from cement

Alternatives such as hybrid systems, composed of timber together with concrete, are increasingly being used in construction, and can help reduce envirnmental impacts while also providing the desired thermal mass

Phase change material are cold. when it's cold the substance changes to solid phase and release heat. when it become liquid again the material absorb heat providing a cooling effects.

Water evapooation:

Water absorbs heat and evaporates, and as it rises, it pushes cooler air downwards. this simple phenomenon has let the development of cooling and natural ventilation to reduce the temperature indoor.

Q1:

Answer:

First step.

Difference between these two building.

(i) These two building shape are totaly change from one another.

(2) First building Inward looking with courtyard and second building is outward looking

(3) First building is square or rectangular plan. second building is free plan form.

(4) First building one or two floors. second is Multi - storey blocks.

(5) First building is flat or pitched roofs. the second building. is flats domed. and vaulted roofs.

=> Critisize according to principle of Design and princip of Achetectu

(1) The stoucture culminates in A Dramatic Angular cantilever.

(2) well damned if it DoesN't fall Right over.

(3) The Fenestrations and Creneullations are an overt Neoclassical flourish.

(4) Looles like A Moth got into it.