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B.ARCH. – 3rd SEM.
Architectural Design -III
Subject Code: AR-301

13/12/17 (M)

Time allowed: 06 Hrs

Important Instructions:

Max Marks: [80]

- ☐ Assume any missing data.
- ☐ Students are required to bring their own Architectural Instruments, etc.
- ☐ No sharing will be allowed.

HOUSE is a building for human habitation..especially one that consists of a ground floor and one or more upper storeys. A **house** is a building that functions as a home, ranging from simple dwellings such as huts of nomadic tribes to lavish bungalows and the improvised complex, fixed structures of wood, brick, concrete or other materials containing plumbing, ventilation and electrical systems. Houses use a range of different roofing systems to keep precipitation such as rain from getting into the dwelling space. Houses may have doors or locks to secure the dwelling space and protect its inhabitants and contents from burglars or other trespassers.

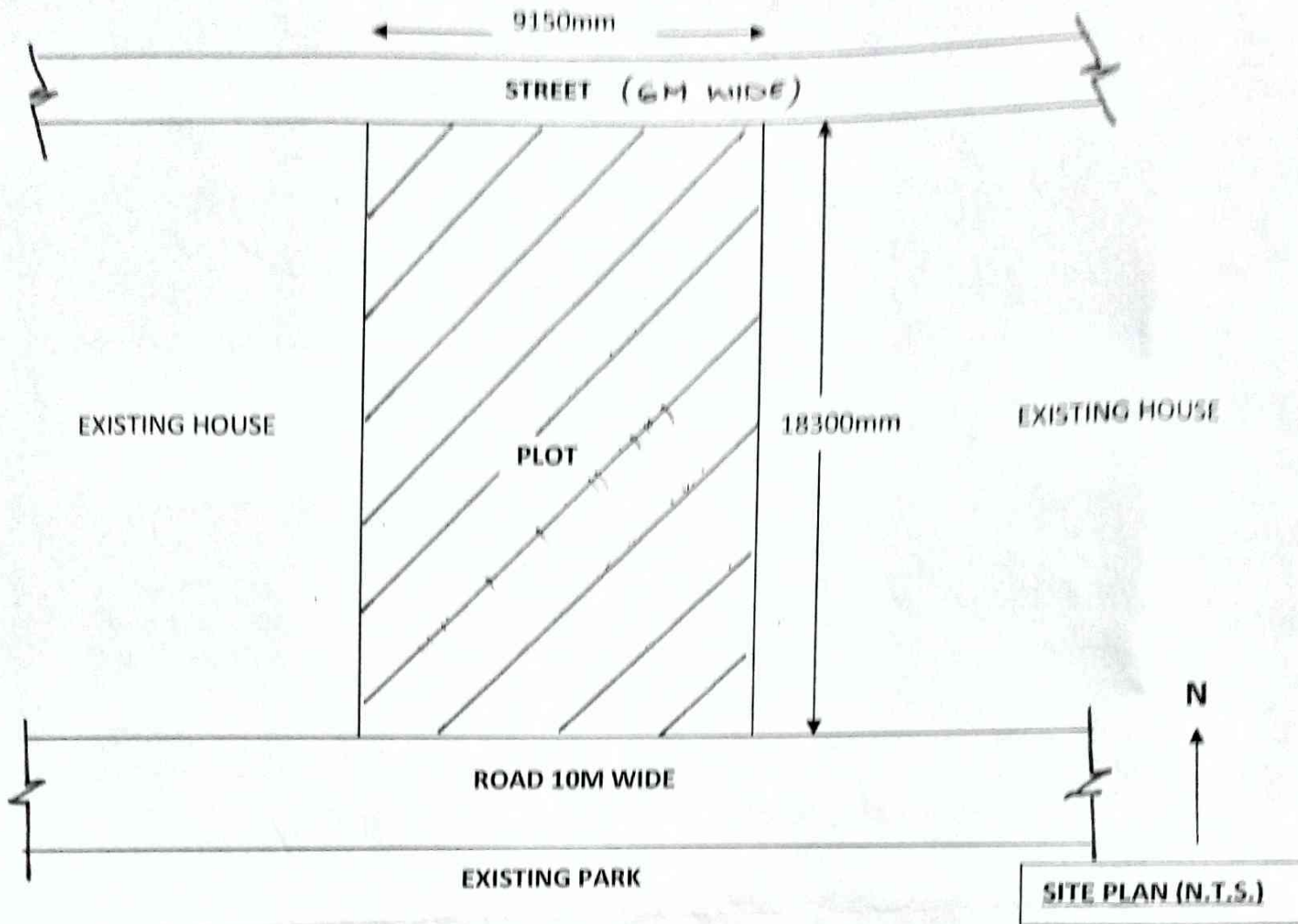
The design and structure of houses is also subject to change as a consequence of globalization, urbanization and other social , economic factors. Various other social and cultural factors also influence the building style and patterns of domestic space.

Therefore keeping in mind all the required factors you have to design a house for a family of four with the following requirements as given below. Keep in mind all the design considerations of that climate zone you are choosing and the house should be differently abled friendly.

REQUIREMENTS :

1. Porch
2. Drawing room
3. Lobby/ living room.
4. Dining room
5. Kitchen
6. Powder room
7. Master bedroom /attached toilet / dressing room or walk in closet.
8. Children bedroom with attached toilet/dressing room.
9. Guest room with attached toilet and dressing room.
10. Laundry room or space/ utility room.
11. Parking for min. one car and one bike.
12. Backyard / front yard, which serve as additional areas where inhabitants can relax or eat.

[P.T.O.]



❖ Draw the following

1. Site plan (10 Marks)
2. Ground floor plan
3. First floor plan
4. Terrace plan
5. Two elevation & Two sections (one through staircase) (20 Marks)
6. 3D View (10 Marks)

(40 Marks)

*(Note: Choose appropriate scale)