Course: B. Arch

Subject: Architectural Design I

Date: 07/12/2018   Marks:- 50

Semester: I

Subject Code: AR10100001

F.Y. B.(Arch) 7/12/20 (AR10100001) Architectural design -I

Instructions: - 1. *All Questions are compulsory.*
2. *Do not erase construction lines.*
3. *Solve all questions on drawing sheets.*
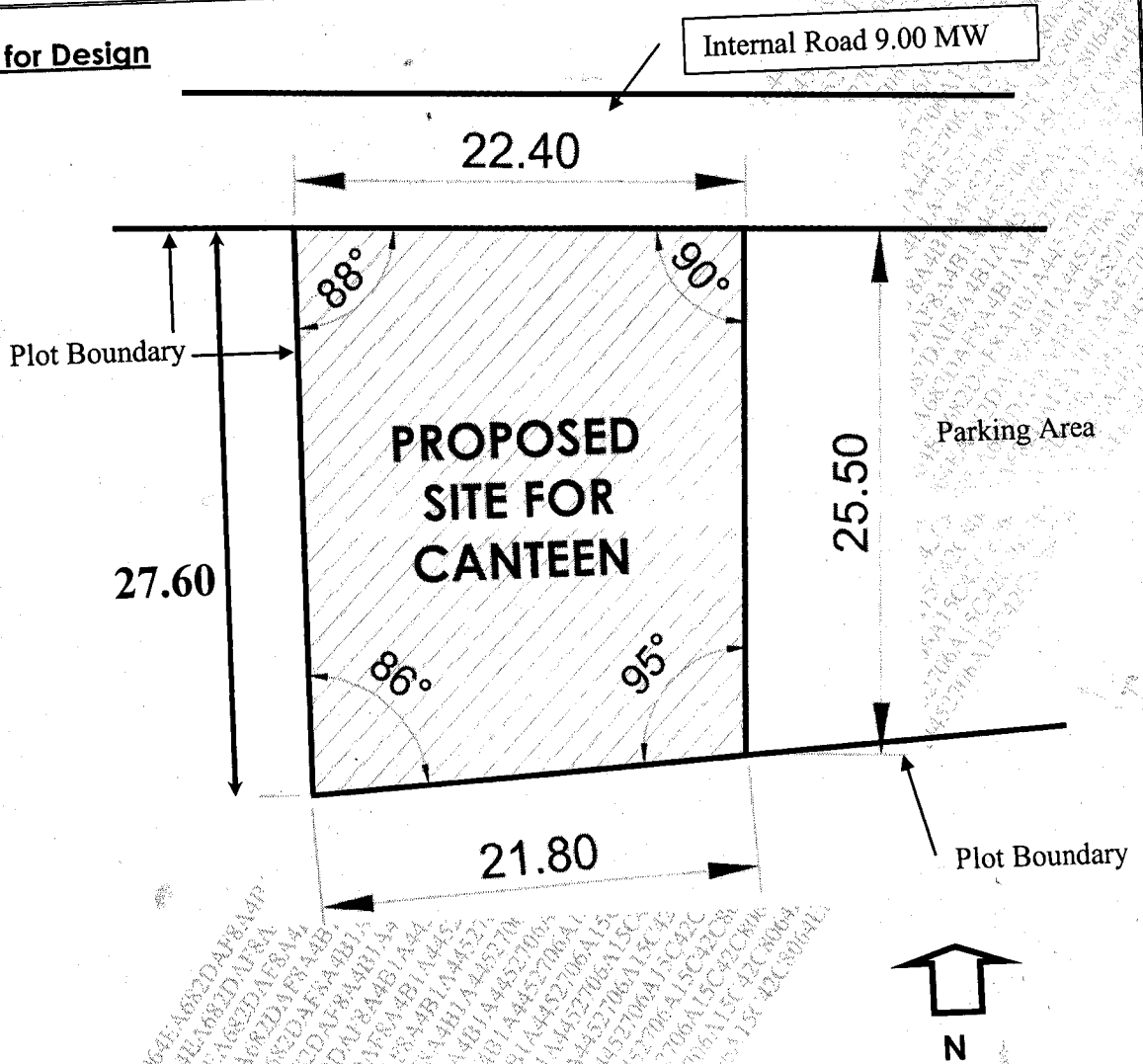
Q. No.1

50 Marks

The new Architecture College being set up in Shikrapur, Pune would like to design and build a Canteen Area into its campus. The Site has a pleasant climate, proximity to Pune and connectivity with and via Pune -Ahmednagar National Highway. The College wants its canteen area to be impressive and striking in architectural context, the same shall be reflected in the design too.

The canteen will have open and covered sitting areas along with kitchen and utilities services with a capacity of 35 students. Spaces of the canteen area should be interactive and designed with the consideration of architectural college point of view. The canteen having an area around 50 - 60 sq. Meter (600Sq. feet) within college campus. Students need to provide innovative solution considering the architectural context and up to the scale, proportions, anthropometry according to standard of design.

The requirements for Canteen are as below: (Total 60 Sq.m.)

Sr. no.	Requirement	Area in SQ.M.
1	Sitting Area – Covered/semi open	30
2	Sitting Area – Open	Adequate
3	Kitchen area	20
4	Storage	05
5	Utility area	05
6	Other Suitable Data	Adequate

1

- **Site for Design**

Internal Road 9.00 MW

22.40

Plot Boundary

88°   90°

**PROPOSED
SITE FOR
CANTEEN**

27.60

25.50   Parking Area

86°   95°

21.80   Plot Boundary

N

- **Mandatory Drawing requirements:**

1) Concept / thought process
2) Site plan   1:100
3) Floor plan(s)   1:50
4) Elevation (1 no.)   1:50
5) Section   (1 no.)   1:50
6) 3D sketches (optional)   Proportionate

Note: 1. Suitable rendering and neat drawings will carry 10 % marks

2. Tracings required for rough work on design should be submitted along with answer sheets.

*** End ***