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Time : 6 hours

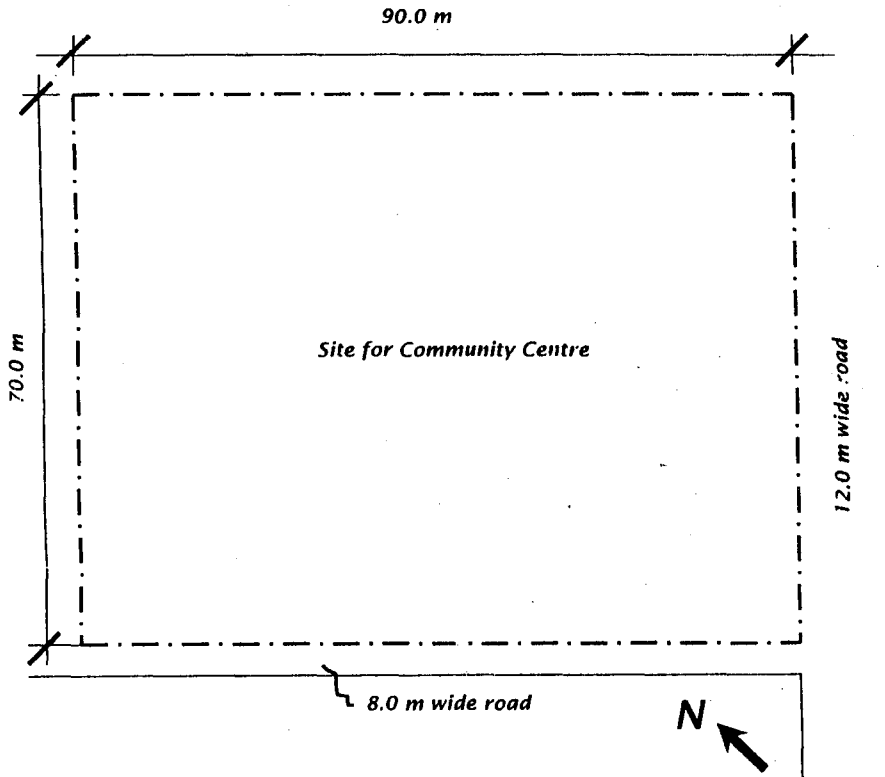
Full Marks: 70

Design of a Community Centre

The authorities of a newly township near Kolkata has decided to build a Community Centre, for which a design competition is being held, Your answer to this design problem is considered as an entry for the said competition. The Community Centre is intended as a social magnet for local residents to be built on a corner plot. It is conceptualized as an outward looking complex that will relate to the adjoining roads and have strong pedestrian linkages that will invite participation and involvement from them. The built form of the Community Centre should be attractive and visible from a distance. The open landscaped area should be designed with sensitivity for the elderly persons, young children and single or groups of women accompanying the children.

Design Requirements:

1. Entrance / Reception Lounge - 30 m²;
2. Ceremony / Congregational Hall - 150 m²;
3. Cubicles / Dressing Room - 4 nos. @ 10 m²;
4. Dining Hall for about 50 persons - @ 1.2 m² per person (approx.) including circulation within;
5. Kitchen, Pantry and Wash area having provision for large gas ovens for cooking and counter for servicing of cooked food - about 30% of the area of Dining Hall;



6. Adequate storage space for utensils, furniture and miscellaneous items - 50 m²;
7. A small office and caretaker's unit;
8. Generator and Pump room;
9. Toilet facilities for male and female;
10. Parking space for bus - 2 nos. And cars - 10 nos.;
11. Any other space which you deem may be provided may be assumed.

Open areas are to be landscaped properly with the provisions for outdoor seating, lighting, plantation etc.

Relevant Bye-laws:

- Maximum permissible ground coverage - 50%;
- Maximum permissible height - 4 stories;
- Minimum open space - Front: 1.5 m, Rear: 3.0 m, Side - 1.5 m.

Drawing Requirements:

1. A site plan in suitable legible scale;
2. Floor plans, elevations and sections in 1:100 scale;
3. A suitable rendered view.

Any suitable medium of presentation may be used.