

S.No. : 504

AR 1601

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Following Paper ID and Roll No. to be filled in your Answer Book.

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B. Arch. Examination 2021-22

(Even Semester)

ARCHITECTURAL DESIGN - VI

Time : 12 Hours]

[Maximum Marks : 60

DESIGN PROBLEM

STAFF HOUSING

Housing refers to a residential project built on a land parcel. Beyond the fundamental need of a shelter, there are the secondary needs of security, privacy, self esteem and individualization. The concept of housing, therefore, goes much beyond sharing of mundane infrastructure - to the essential concept of community living. Of being a part of the social group having essentially a desire to share, participate, live in total harmony and thus enjoy. Communities survive enjoyably not because they live in close proximity but because they share common values resulting in social

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cohesion within a shared geographical location. Successful housing schemes owe their success, therefore, not to extravaganza of facilities but more to their overall design concepts which afford personal, private and community living possible but also enjoyable. Shalimar Housing Scheme is an experiment in the direction of the aforesaid lofty intents if Amity University has to buy its staff's loyalties and comradeship on a long term basis. For this they are planning to make staff housing near its Lucknow campus.

The Project :

Despite what has been said above, there are a set of fixed conditions that must be adhered to for this project. The above said fixed conditions consist of :

Residential units required :

S. No.	Type	Units
1	3 BHK	60
2	2 BHK	100
3	LIG	20
4	EWS	20
Total		200

Other requirements as under :

- (1) Shop : 5 No.
- (2) Guard Room : 1 No.
- (3) Multi-purpose Hall : 1 No.
- (4) Parking :
 - (a) 1 ECS for each unit greater than 50 sq.m. of carpet area.
 - (b) 0.5 ECS for each unit less than 50 sq.m. of carpet area.
 - (c) 20% extra parking for visitors.
- (5) Other services like water supply and sanitation, electrical, firefighting etc. must be incorporated.

Site Description :

Area	:	10,800 sq.m. (120 m × 90 m)
FAR	:	100
G. F. coverage	:	40%
No. of floors	:	No restrictions
Front Setback	:	9 m
Other sides	:	6 m

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