

Comprehensive test – INÁRCS – 2021.02.18- 02.22.

QUESTIONS- ANSWERS

1. Can the fabric of the layout and the masterplan be represented on a common site plan, or should these be two separate drawings?

Answer: One common site plan is enough.

2. Do we understand correctly that the workshop building is meant for manufacturing the glass- and greenhouses? As a reference for the material we have found PET bottle.

Answer: The workshop is meant for developing and manufacturing DIY prototypes for glasshouses. The material of the transparent surface is not yet decided, this can be PET as well.

3. The site plan is required in 1:500 scale. However site plans is written. Does it mean, more site plans are required?

Answer: see the answer for the 1st question. You only have to submit 1 site plan in scale 1:500.

4. What are the functions of the existing buildings (soviet hangar and bungalows)? What is stored in the buildings? (Is an eventuell disassembling/reuse/new function possible for the design task?)

Answer: The soviet hangar is currently used as a storage. It can be used for the design task. However, it should be considered the hangar is a construction lacking thermal insulation, and it cannot be insulated. Thus it is not worthy to disassemble and rebuild. It is perfect for its current use; storage for the donation arriving from abroad. The bungalows can be kept as well since these are rather irrelevant for the design task.

5. Is a parking lot required in the plot?

Answer: Currently the parking is solved already, however this can be reconsidered. The goal is to ensure parking for 8-10 cars.

6. As freight traffic is an access for lorry required as well, or only for minibuses?

Answer: Since the prototypes are meant to be packed to a rather small unit, so access for a small van would be enough. However, for ensuring the possibility for delivery in bigger amount an access for lorry is required.

7. What is the precise position of the buildings beside the main building and soviet hangar (containers, bungalows)?

Answer: The siting of the soviet hangar and the containers can be identified on the aerial photo. The others are not relevant regarding the design task.

8. Who are meant by guests? In our understanding there are office staff, the people trained and the guests visiting the showroom. Is really required an extra social block only for those visiting the showroom? Isn't a simple foyer with kitchenette enough for them?

Answer: The trained people are meant by guests as the workshop is meant for teaching beside developing and experimenting. Thus a separate social block is required for them.

9. It is rather unclear what is meant by cost effectiveness? What can it mean in case of architectural quality?

Answer: This is a design question. The client wants to get rational, practical solution representing architectural quality.

10. What is the size of the produced DIY glasshouses and the gates for their transportation?

Answer: As the workshop is meant for development of the glass houses the size of the glasshouses will turn out later. In these cases a general gate of 3X3m is suggested.

11. Will be a machine (forklift or similar) be moving here?

Answer: Yes.

12. What is meant by the hall with crane? Is it a smaller crane in the height of ~4m moving along the hall? What is it meant for?

Answer: It is a bridge crane mounted directly onto the ceiling with a capacity of (0,5-1 t). Due to the geometry the lower level is moving on cca. 3,2-3,5 m. Its task is material transportation.

13. The size of the glass houses and prototypes would be essential for defining the measurements of the workshop.

Answer: See the answer for the 10. question. Let us estimate the final packed product not bigger than 1×2×0,5 m.

14. Is the rearrangement of the current incoherent buildings part of the design task?

Answer: No, it is not. But the new layout should consider the possible problems of the existing situation. Furthermore it may not hinder the possible future extensions of the existing buildings.

15. Is the design of extension for the plot on the other side of the road part of the design task?

Answer: No, it is not. But it should be considered. So a good layout for the current program includes already or at least does not hinder the possibility for extension.

16. The DIY houses and comfort "plug-in" modules are unclear. I would like to receive more information about them. What is the material, technology, etc?

Answer: As written in the description, this is what project is about: to establish the architectural frame for development and manufacturing the most adequate technology of glass prototypes and "plug-in" modules suitable for DIY use in different situations. These are meant mainly for use in crisis situations. Among others part of the activity of the EEM is to assure solution for "plug in" bathroom for people living in deep poverty in Ukraine. Another activity is to help these regions with this kind of basic infrastructure.

17. Can an accessible toilet be design beside the others for the building?

Answer: yes

18. What is the comfort requirement for the rooms no.7-11. in the room list? A hangar, or partly tempered covered areas enough?

Answer: The storages can be simply tempered. The others are workplaces, so closed rooms.

19. Can the crane for the workshop be an equipment independent from the building construction?

Answer: Yes, it can be, but there is no need for it. Also see the answer for the 12. question.

How wide should it be? can 4m be enough?

Answer: it is a design question, 4m can be enough. It should solve the internal material transport.

20. Must there be a direct special connection between the workshop and the social block of the workers?

Answer: No

21. Is the crane required also for the transportation into the prototype storage?

Answer: No. The packed prototype can be transported with manual force (1-2 people) as well.

22. Can the material testing and development, the workshop space and the assembly space be merged due to technology?

Answer: Yes

23. Should the existing buildings in the plot be considered as fix? Or can these be rearranged due to the concept?

Answer: See the answer for the 14. question.