

Comprehensive design test 26th March 2015

Paper manufacture in Szécsisziget

Special, hand-made papers are becoming more popular today as they are frequently used for special, festive purpose, for production of certificates, memorial certificates, graphic prints. The theme of the test is to design a paper manufacture workshop with showroom, where you can buy the special paper products.

Design site:

The design site lies next to the water-mill that is a historic monument. The water-mill recently renovated, now houses a mill-museum and – mainly in summer season – is used as accommodation for tourists.

Design program:

The paper manufacture to be designed can be built on the plot immediately next to the water-mill. The building has to come up for demands of different kinds. Beyond producing special hand-made paper, there will be handcraft classes organized for tourists. The trainings can last for more days, even a week long for learning the basic knowledge and tricks of manufacture paper production.

The short introduction of the method of manual papermaking:

1. The preparation of raw material - Separating the useful fibre from the rest of raw materials. Mixing the raw material in water.
2. Sheet producing with the help of a screen - Screening the resulting solution
3. Drying step 1 – through hand pressing
4. Drying step 2 – with a turning pressing machine
5. Drying step 3 – hanging up for drying in a drying room for 2-5 days
6. Selecting, pressing – the still wavy paper sheets are pressed for 1-2 days
7. Selecting, proving
8. Storing and packaging of finished products

Detailed design program:

1. showroom, shop	44,00 m ²	at least 4,00 m headroom
2. office	12,00 m ²	
3. meeting room	14,00 m ²	
4. storage for base material	22,00 m ²	at least 4,00 m headroom
5. wet workshop	44,00 m ²	at least 4,00 m headroom
6. dry workshop	44,00 m ²	at least 4,00 m headroom
7. drying chamber	22,00 m ²	
8. antiquing workshop	22,00 m ²	at least 4,00 m headroom
9. storage for tools	8,00 m ²	
10. storage for finished products	20,00 m ²	at least 4,00 m headroom
11. changing room + showers unisex	20,00 m ²	
12. kitchenette	12,00 m ²	
13. installation (boiler)	8,00 m ²	
14. storage for cleaning material	2,00 m ²	
15. waste storage	4,00 m ²	
16. corridors, staircase	as needed	

Maximum building height: 10,00 m.

Parking places: for 4 cars
1 disabled parking place
Bicycle stands: 12 pieces

Main aspect is fitting the existing build environment, the best possible serving the guests and a suitable development of the building that fits both the site and the function.

Submission:

site plan	1:1000 on the page given
floor plan(s)	1:200
elevations min. 2 representative elevations	1:200
sections min. 1 representative section	1:200
axonometric, perspective views, drawings representing the architectural character	

Drawings should be traditional hand-, or CAD drawings of any optional technique. Drawings should be on A/3 format sheets, or folded to this form, should be handed in a folder with name and Neptun code!

At the evaluation the layout, function, choice of structure, material and ambitious elaboration are all important.

Submission: At the Department **Monday, 9.00 am. 30th March 2015.** No delay can be accepted!

Budapest, 26th March 2015

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more information:

<http://vendegvaro.utazom.com/vizimalom-szecsisziget>

<https://www.youtube.com/watch?v=MrvKGX57I58>

<http://www.utazzitthon.hu/kerka-vizimalom-muzeum-szecsisziget.html>

http://www.meritettpapir.hu/index.php?option=com_content&task=view&id=17&Itemid=31

<http://pioneerthinking.com/crafts/makingpaper>