

Research on Planning Landscape of the restaurant Miraj

Silivășan M.¹; Berar C.¹; Tota Cristina¹

¹Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara, Faculty of Horticulture and Forestry

*Corresponding author. Email: marius_silivasan@yahoo.com

Abstract In the work presented was done at the request of the owner, a planning proposal, of the restaurant Miraj. We followed the arrangement in a mixed style using the vegetation to provide adaptability for the studied area, but also to obtain an impressive esthetic effect.

Key words

Green space, landscape planning

The purpose of writing this documentation is the redevelopment of green space and then terrace suspended from Miraj area restaurant, located in Timisoara, Ciocarliei street, number 88, with an area of 4126 sqm. This property is located in an adjacent area of Timisoara, namely Ronat district, the property is surrounded by family homes, being one quiet neighborhood, away from dust and noise, this being for people who want a place away the prying eyes, framed in a natural environment.

Initially, this restaurant was designed as a house, but meanwhile there appeared some modifications and the owner decided to open a marine restaurant called "Miraj". The beneficiary wishes that the garden design completes the restaurant's architecture, the desire was the continuation of the same lines with many natural elements, offering a pleasant environment for the clients who visit the restaurant or lodge the future boarding house.

Methods

The land proposed for re-organisation is located near the road leading to Jimbolia and also near the Romanian – Serbian border. The parcel is surrounded by Ciocarliei Street in the western part, private house in the northern part, private house in the eastern part and in South by a greenfield up for sale for the construction of private houses, the land is in a rectangular form, but in the south-western part the property is indented by a construction.

The entire surface area is of 4126 sqm., the built surface area is of 1129 sqm., the green surface to be re-organised is of 2997 sqm.,

Re-organisation in this garden is realized in a mixed style, combining the geometrical style with landscaping. It is considered the use of the area so that it corresponds to the principle of functionality. This principle helps us to organize the area both functionally and aesthetically. Due to this fact it was chosen a landscaping disposition of alleys and greenery.

The garden furniture used for re-organisation was rural, in accordance with constructions, using powerful wooden accents, and the predominant type of greenery is the rural one with natural and free forms.



Fig.1 Planning in front of the restaurant

Results

The most important aspect of landscaping is the gazebo, because from this point all secondary elements can be admired. This offers perspectives over the restaurant’s terrace, to the children’s playground, to the pond with peisagistic form with very small banks.

In front of the restaurant the parking was arranged and small decorative younglings were inserted, in the left part it was inserted an Abies concolor looking very good during the year, and during the winter holidays it can be decorated for the joy of clients and personnel.

Table 1

Centralizer

Area	sqm	% of the total area
Total area	4126	100%
Build area - from which:	1629	40%
• Buildings	1129	30%
• Movement	320	7%
• Constructions decorative	180	3%
Effective area of green space, from which :	2497	60%
• Maintenance area for plantings	187	10%
• Lawn surface	2310	50%
Improved surface, with the vegetal soil :	2287	100%
Layer of 15 cm	2100	91,82%
Layer of 20 cm	187	8,1810%

As regarding the alleys, it was tried that by arranging the self-blocking flagstones to grant more volume and not to look like a simple paving, having a dynamic design with warn colours, they contour in a geometrical style within the car access areas and in a free style within the pedestrian area. The center of the re-organisation is crossed by an alley formed of 30/30

granite plates from which in certain moments of the day, 30 cm water jets spring.

The pergola built on the aerial terrace is made of building lumber. The wooden pillars must well-protected against moisture. For this purpose, the lower part of the pillars was protected with aluminium clips.



Fig.2 Side view of restaurant



Fig.3 Perspective in front of the restaurant



Fig.4 Side view of restaurant

On the aerial platform, placed on the roof of “Mirrage Boarding House” it was organized a summer terrace whose access shall be made by the backside of the boarding house, the alley on the terrace is formed of white gravel that guides us towards the natural wood platform on which there can be found tables and chairs,

billiards, bar, chest-of-drawers. All these serve as rest and relaxation area, they are replenished with window boxes with special crowned Prunus mahaleb. On the walls of the boarding house, clamberers were chosen to be planted in order to complete this building also on

vertical, Wisteria and Hedera were chosen for this purpose.

The proposed lamps are of several types, special lamps for the water lily pond, underwater spots, solar lamps.

Near the gazebo a playground was created for children with ages between seven and fourteen years

old. Its placement at sight grants the possibility of surveillance from all angles.

Table 2

Material extracted					
No	Name of material	UM	Quantity	Price per unit	Total [RON]
1	Paved driveway	sqm	321	23	7383
2	Auto-blocking slabs	sqm	816	25	20400
3	Ecological slabs	sqm	92	30	2760
4	Wood	l	56	12	672
5	Granite slabs	nits	250	90	22500
6	Gravel	c	159	80	12000
7	Bark	qm	120	30	3600
8	Sand	c	100	60	6000
9	Ballast	c	100	60	6000

Total cost of materials: 81315 Ron

Table 3

Furniture					
No	Name of material	UM	Quantity	Price per unit	Total [RON]
1	Bank	units	3	300	900
2	Bank circular	units	1	500	500
3	Lamp	units	33	120	3960
4	Wastebasket	units	5	220	1100
5	Jardiniere	units	9	300	2700
6	Barbecue	units	1	600	600
7	Pergola	units	1	500	500
Furniture for children					
8	Castle	units	1	1200	1200
9	Sandbank	units	1	500	500
10	watershed	units	2	250	250

Table 4

General costs	
The cost of works quantities	49.490 ron
The cost of planting material	42.415 ron
The cost of furniture	12.210 ron
The cost of, rid of materials	81.315 ron
Total cost	185.430 ron

Conclusions

The solution adopted for development has created a special effect and highlighted the main objectives of the restaurant.

Used vegetation is abundant, from species pre dominant coniferous and deciduous species, with decorative appearance including the winter. They serve as curtain of protection, so for noise, wind and dust.

References

1. Băla Maria 1998 - Floricultură generală, Curs, Ed. Mirton, Timișoara;
2. Holden, R. 1996 - Landscape design, Laurence King, London
3. Iliescu, Ana - Felicia, 1998 - Arboricultură ornamentală, Ed. Ceres, București
4. Iliescu, Ana-Felicia, 2006 - Arhitectură peisageră, Ed. Ceres, București
5. Marcus, R. 1958 - Parcuri și grădini din România, Ed. Tehnică, București
6. Negruțiu-Filoftea, 1980 - Spații verzi, EDP, București
7. Preda, M., Palade, L. 1973 - Arhitectura peisageră, Ed. Ceres, București