

MUSIC CENTER – SOFIA

explanatory note

1.Choice and appropriate to the task.

There are several factors, which are basis for my choice for this project:

- The lack of a similar center in the city;
- My conviction that the presence of such Music Center with nonstandard and extravagant architecture would enhance the interest of people to classical music;
- In a broader context, my idea is linked to the candidacy of Sofia - European capital, which suggests interference in the development of public spaces and not only;
- Related the sizing and the plan building for this project have not been used a specific regulation to do the project.

2.Urban concept planning and communication.

Such a building could be near the center of the capital. After I did a detailed selection of seats, where to situate the building, decided that it should be along the Blvd "Tzarigradsko shose" and more specifically the area "Karo". Why exactly there? The Avenue is easily accessible, a busy thoroughfare that passes by any kind of transport, and in the case there is also access to the pitch from the Boulevard.

Another important prerequisite is the diversity from the character of the Avenue and Capitol buildings, why not build a Culture Center. The concepts for "Secondary urban center" and "Tech Sofia Park" contain the idea of the building in this locality. But despite all the contests I think that the Boulevard is good to have a prominent building, which is expressed in my proposal-project for a Music Center in Sofia. My concept of this type of building can be perceived as a continuation of all the concepts proposed so far for the area's "Karo".

2.1.Communications.

The orientation of the building is in the direction North-South, the big concert hall is located to the North-South direction, and the little concert hall is with East-West direction. The earth elevation is very small where is situated the building, which is why I took the pitch for equal. The main entrances of the two concert halls are situated on Level 0.00. The Small Hall access is via a ramp that starts from the ground floor and it reached the elevation -4.40. Access to the main entrance of the great Hall is via stairs from ground from level-1.50 to level 0.00, which surround the entire building. The steps of the stairs are in the shape of a curve, which is in the spirit of the concept. Road access to the building is performed by two existing streets a; from the South – Bul. Tzarigradsko shose and East – UL. "Gene Jordan Venedikov".

The two existing streets are tangent to new street which surround over the Music center. From this new street through ramps for cars from East and West, starting from level -1.50, take the cars to the parking lots of elevation -4.40 and accordingly to level-7.60. The total number of parking spaces provided in normative reference is for 200 cars. The Parking is entirely underground. The main pedestrian flow to the building is from the Bul. Tzarigradsko shose, which leads to an area of a square that goes around the building. This square passes in the patio, which has an opening for a direct link with concepts for the future Park. I suggested model for alley network in the Park, which is not the subject for my project. The inner courtyard of the building provides sunlight to the teaching Center, the administrative block of the Hall, restaurant, rehearsal, etc. Serves for recreation, as for the staff of the Center and for its visitors. Minor and evacuation entrances/exits are set according to the requirements and needs of the building.

3.Conception.

The idea of the architecture of the Culture Center is based entirely on music. About the volume compositional decision at first glance, everything seems to be random, but in fact was provoked by the movements of the conductor and more accurate than virtual curves that form at the time of movement while concert. Those moves and curves that form behind, are not random, but are caused by the science of it. There is has important goals supported this project. Describing and locating in this urban area which is a continuation of the idea of arh.Fuksas for second city Sofia. . The silhouette of the Fuksas idea project together with the new building along Bul in the project is used to gain a better idea of how it would involve the architecture of the Culture Centre in such a urban decision. I'm not accidentally chose his concept, as its forms are more free

and dynamic in the form of oval oscillations with which the architecture of the Culture Center are a good match. The architecture of the building serves as a transition from the sharp correct lines of surrounding buildings to curve forms of Fuksas's idea project, which appears to be a continuation of his idea. In this way, the architecture of the Centre meets the modern requirements for a free form which is noticeable with its dynamic volume. In this connection, I can say that the place where is situated the cultural center is appropriate as in the central parts of the city is no place for such a big idea. As a result, the building is designed as a volume curve, formed from the complex, such as configuration, but a very well researched with appropriate computer programs net like construction, illustrated in the sample models of the building. The Interior 3D models support the idea of the wealth of perception and viewpoints of interior space. The Chief focus of the Music Center are individuality in the form formation of elements and the two concert halls for total 1990 people. . I transfer the curves in the Interior of the big concert hall in the form of acoustic panels. The concept of the inner space is built on the idea of organizing the functions around the lobbies in both concert halls. The lobby at the Grand Concert Hall delivers naturally lighting to the core of the building. Actually, building volume and spatial solution of the building is a logical continuation of the philosophy of the project and the most suitable spatial shell for the problem in a specific conceptual way function of the building. The projection of building North-South with its ambiguous smooth curve straight and a reminder to Vitosha Mountain. This corresponds with the fact that the Vitosha Mountain is the only mountain of the Bulgarian with arched form.

4.Levels.

The building consists of six levels. Two underground levels and four above the ground levels. All Vertical communications pass through all levels. Provided are sanitary premises, where necessary to meet the needs of building levels. There are also the required number of parking spaces for the disabled.

-7.60 - Contains 50% of the required parking spaces for building and technical premises.

-4.40 - The Chamber Hall for 590 visitors, to which provided premises for Orchestra, Lounge, wardrobe, rehearsal room Hall, repository, warehouses to the kitchen (kitchen is developed through three levels), there are also more rehearsal rooms, workshops, a café-bar with only limited access, a large recording studio, dance hall rental, security, parking places, technical premises.

+0.00 - Big concert hall for 1 400 visitors, main lounge, day and night safe for the sale of tickets, wardrobe, two buffet visitors, space Orchestra, officially the Orchestra, lounge, room for conductor, room for conductor, repositories for bulky instruments, technical premises, business buffet for Orchestra with a small kitchen, stores kitchen, changing rooms for the stuff, two galleries, one of which is developed on two levels, Gallery, museum store on two levels, administration, Museum, archives, warehouses, a museum store, changing staff kitchen, information security.

+3.60 - Rehearsal room for the large hall, wardrobe, warehouses, changing rooms, a warm relationship with Orcherstra restaurants, facilities, choristers, rehearsal room choristers, additional rehearsal room, wardrobe, technical premises, buffet, Museum (2nd level), store, restaurant kitchen for visitors, facilities, staff, music school administration, terrace, which overlooks the patio Gallery (2nd level), repository Gallery, concert hall Manager.

+7.20 - Rehearsal Administration building, room, repository, recording studios, green Studio, dance hall, room r-l soloists, music library, serving the premises to the big hall, a small buffet, warehouses, air over some premises, restaurant, training center, archives administration, warehouses.

+10.80 - Service premises stamps today large room, rehearsal room soloists, room soloists, rehearsal rooms, a piano bar, store, bar, air above the library, recitation rooms, VIP Room Media, terrace.

5.Construction. Materials.

The construction of the building is a reinforced concrete monolithic. Floor constructions are resolved, as floor-beam fields. Vertical forces of the plates shall be transmitted to the system of columns and washers. Due to the large size of the building has provided expansions joints. The roof goes straight into walls in the form of spatial mesh steel construction. Engineering is applied to the draft decision in respect of the construction, and have made the necessary consultations.) The cover of the building is sheathed by a self-cleaning aluminum panels-Ecocleenself. One Panel is equal to 8 trees for the environment. Important to note that the panels are cleaned themselves as their own surface and the environment around them. This is due to the titanium dioxide, which breaks down the pollutants and smoke, using sunlight as a catalyst. It is a bit of rain to wash the panels. Although the panels are very expensive, they will reduce the maintenance costs of the building, considering that the color of the Panel has a tint of the color white. They are also a noise insulator, which mean the specifics of the project is very important. The decision was influenced by the study globally. The glazing is a photovoltaic glazing and in accordance of the trends for the use of energy from renewable energy sources and contributing to the energy efficiency of the building.

Author:Arch.Elena Bozova