

# THE HOUSE OF ARTS & CULTURE

## The Lebanese – Omani Centre

The guidelines and architectural brief of **NEW HOUSE OF ARTS& CULTURE** of Beirut town includes a project to serve the city, which enables a new way of relating between men of culture and exponents of various expressions of art, as well as dealing with the world of international experience.

A optimistic project, giving rise to an actual place of creative experimentation and giving opportunities to engage - in the spirit of traditional Lebanese - large sections of the local civilian population also varied among themselves.

Well, the project aims to be **a real and feasible project**, which is effectively deal with the entire city.

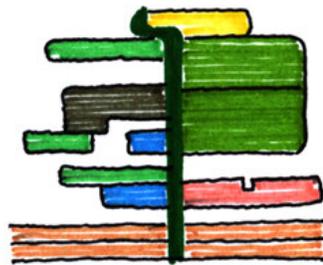
Detailed analysis of the places, where it is expected the new plant, shows that they do not seem able to provide an environment of "genius loci" within which the new House of Arts & Culture set in harmonious continuity. The project is intended not to let affect in particular the assumptions of the development of the plan, but instead tries to relate to a universal urban matrix.

The project is presented with such a highly symbolic: that of a regular parallelepiped, with two diagonal cuts on the north and east edges that mark the entrance from the heart of the city.

### **Architectural Appearance: CONTEMPORARY TRADITION**

This is a simple volume and rigorous, a box-chest (which acts as a skin to the outside, instantly recognizable and easy to imprint in the memory of the community) and a series of separate volumes inside, designed to receive, the movement, the versatility of the functions that are housed there. The big-box outer casket is uniformly permeable to light.

It is composed of panels of m. 2.40 xm.2.40 established a series of tall steel uprights m. 32.00



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The panels, steel corten, presenting with a geometric plot that leads to the traditions of the world Middle East, and demarcate the wire inside laminated glass, colored in white, blue, blue, green and yellow. These glasses give the vast spaces that are between the "skin" and the interior volume and the same interior volume, color direct and indirect highly suggestive, with shades ranging reported intensity and position throughout the day, to disappear within hours night when they leave the place to artificial light.

But then, at night, is the city that appropriates the monument from its new multi-faceted colorful. It becomes even more a fundamental point of reference for the city, along the road of great slider.

The volumes in the box are deliberately kept separate from them, according to the specific functional purposes. Will also have different shades of color, for use in other finishes with natural materials. These volumes are divided, as if they were branches of a large cedar of Lebanon, from a main trunk, where the confluence of the vertical links: Air the stairs allow to read the common spaces and strongly articulated positions gradually higher.



**Determining factors: SOLAR EXPOSURE AND RELATIONSHIP WITH THE ROAD**

The idea of a main figure (the parallelepiped-designed casket) in which, from a "trunk" main branch and several bodies fragment containing the different functions of the House of Arts & Culture, also takes into account the possibility of making better compacted considerable volumes of the project. In particular, the special terrain of the land that slopes in favor of the location solar insolation allows less of the new building, which was further enhanced on the side from north-east.

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The area of the entrance inside is animated by a series of water tanks on the move degrading to the outside, where they gather in one basin. **Water in motion triggers a continuous spread of moist vapors that ascend to the common spaces**, allowing you to cool the air and cause the entire area a better welfare bio eco.

**Architectural articulation: BALANCE ARCHITECTURAL, TYPE, AESTHETIC, ENERGY AND SUSTAINABILITY 'ENVIRONMENTAL.**

The project, which represents the balance between a strong form of elements that connect the building to the city and contain different functional volumes, significantly down that branch from a single-axis vertical trunk, can be summarized as the balance between the needs of an architectural, typological, aesthetic, and energy savings and environmental sustainability.

The entries are respectively + 0.00, on the north-east, near the road leading to the city center, above the quote +8.00. The two entrances leading to two internal squares, the first points of aggregation for large users of the new House.

The volume of the theater, blind, is the most energetically unfavorable position on the south-west. The project has further investigated the possibility of energy. The housing, with a framework of steel corten cm deep. 20 with the first goal of image and aesthetics, the fact is shielding dall'insolation of the mid day. Apply to the stained glass windows allow a pleasant microclimate internal common areas, making use of mostly natural ventilation. Only the interior volumes with specific functions will have heating / cooling artificial means the fare will be using heat pumps that use **geothermal energy** by means of electrodes buried up to m.100 deep, is working to the needs of summer air-conditioning units placed buried in the building.

On the cover of the building, is at a green, overlooking the great hall of the restaurant with its services. On the remaining free of the cover, will be housed **a system of photovoltaic cells** in a position to feed continuously pumps heat from the geothermal system during the calendar year. Finally, the underground car parks are developed on two levels, giving rise to the hospitalization of 278 cars required by the notice, with entrance from rue Ghalghoul. Indeed, the accessibility of heavy vehicles will be on the outside, on the opposite side, along avenue de general Fouad Cheab, specifically to serve the equipment room of the theater.

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