GENERAL DEPARTMENT OF THE NAVY (G.E.N.) MUSEUM OF MARINE TRADITION

PROJECT BUDGET: 21.000.000 €
ARCHITECTURAL DESIGN: G. PATRONIS

STRUCTURAL DESIGN: KANON CONSULTING (2006)

The Museum of Marine Tradition is scheduled to be constructed in the 13.078m² park of Marine Tradition, located in the Municipality of Faliro.

This new building will occupy a total area of 8,539.41m² and will consist of a basement, a ground floor with a mezzanine and an upper floor. In the building's roof, prismatic structures are placed to provide adequate lighting to the exhibition areas and the library.

The implementation design is the result of an over fifteen years procedure. The initiation was done at the year 1989 when an architectural contest for the commission of the project was held. "Kanon Consulting" along with architect G. Patronis presented the winning proposal for the construction of the museum, according to the contest Committee decision in 1992. The project was revived in the year 2005. One year later the final design was completed.



A view of the Maquette that won the first prize in the architectural contest for the design of the Museum of Marine Tradition



The Museum's position has been chosen to be the ending of a walk that starts from Sygrou street and then, following main pedestrian walkways ends at the park of Marine Tradition.

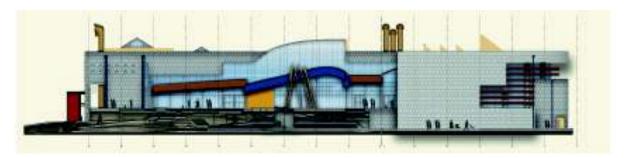
The Museum is placed in the center of a circular lot, parallel to the North-South axis.

Its shape is that of a Γ , with the exhibition wing aligned in the direction of the East - West axis, mainly for natural lighting reasons. The exterior area between the two wings "opens" itself towards the sea.

General aspect of the Museum of Marine Tradition

The Museum of Marine Tradition consists of various independent functional units such as:

- Visitors' service rooms, exhibition areas and rooms for cultural events
- Laboratories, rooms for the personnel, museum security rooms
- Storage rooms, technical installation rooms
- Museum Administration offices



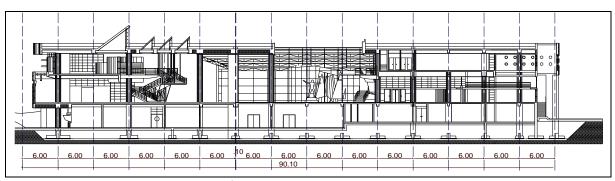
West elevation

The large surface and the shape of the building necessitates the introduction of expansion joints that divide the building into three kinematically independent sections. Column elements are placed at a 6.0x6.0m or 6.0x12.0m grid in every part of the building. Adequate shear walls are provided at all levels and are arranged appropriately.

The central hall and the perimetric corridor will be covered by a steel structure, which will have a glass finishing. The perimetric corridor connects the exhibition areas with the central hall of the museum. A curved staircase gives access to the central hall and a steel ramp to the exhibition areas. In addition, the building contains multiple other steel structures, not only to promote construction flexibility, but for aesthetic reasons as well. A spread foundation slab cast on compacted gravel bedding, will be constructed for the foundation.



East elevation- Main Entrance



A section of the building along North - South axis