

OFFICE BUILDING COMPLEX OF ALFA - ALFA HOLDINGS

PROJECT BUDGET:	4.842.260 €
CONSTRUCTION:	IRIS S.A.
ARCHITECTURAL DESIGN:	AETER S.A.
STRUCTURAL DESIGN:	KANON CONSULTING (2000)

The company Alfa-Alfa Holdings is housed in a complex of four buildings, featuring a terrace in the center and a unified underground car parking station. Pictured below, the building complex was constructed in a 10.000m² lot near the Kifissos River. While three of the four buildings have four stories and - among other ways - communicate via a bioclimatic corridor that surrounds them, the two-storied fourth building is independent and communicates with the others only through the underground level. The entirety of the buildings is ordered in the perimeter of the lot, while the middle space is shaped like a terrace.



Office building complex of Alfa-Alfa Holdings: side facing Kifissos river



Office building complex of Alfa-Alfa Holdings: view of interior terrace



Office building complex of Alfa-Alfa Holdings: Entrance to car parking station

The buildings have a wedge type shape and present significant architectural variations from level to level - for example, there are spaces of increased height and cantilever projections of the floors.

Typical column spacing is 8.0x8.0m. In addition, solid slabs measuring 20-25cm thick and beams 50cm high were designed for the floors. We also created a horizontal force resistance system by placing a series of shear walls at carefully selected locations.

The proximity to the Kifissos river and the area's poor soil quality necessitated the use of piles for the foundation. As such, based on a detailed geotechnical investigation, over 150 piles 1.20m diameter and 20-25m long were constructed.



Independent wing of the office-building complex of Alfa-Alfa Holdings