

## OFFICE BUILDING COMPLEX OF HELLENIC TECHNODOMIKI

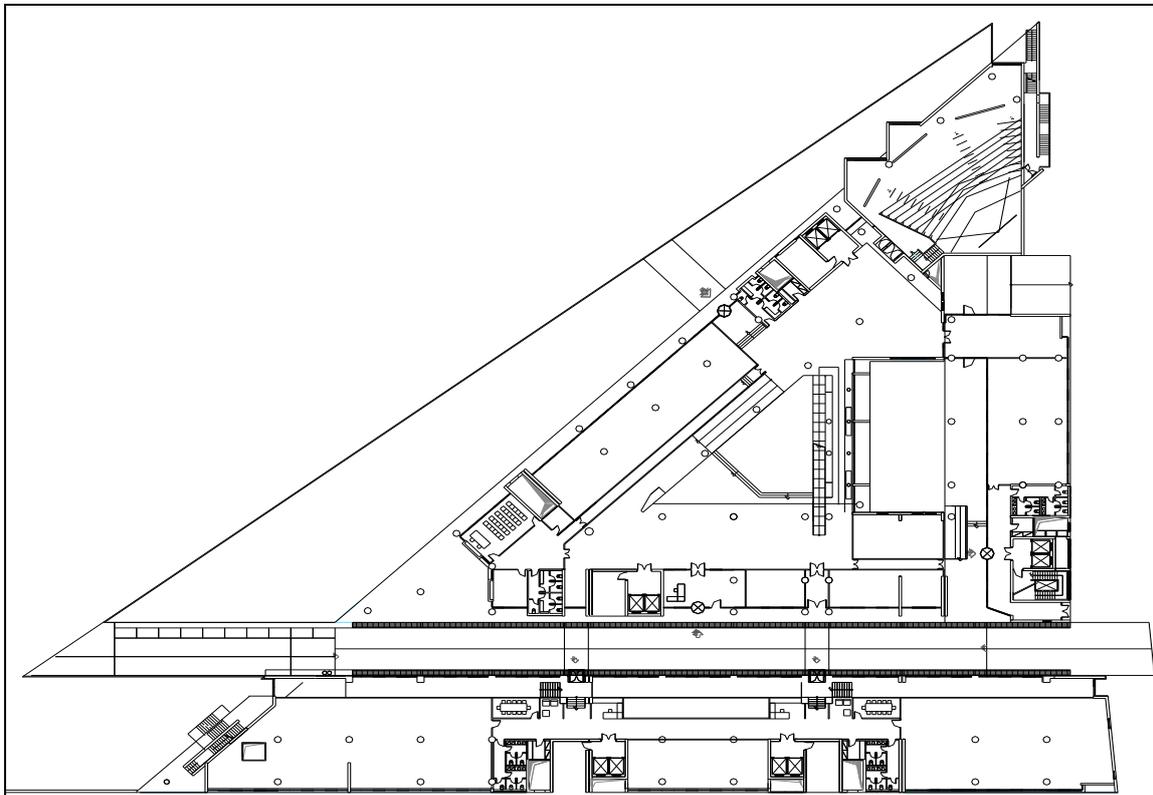
PROJECT BUDGET:	20.500.000 €
CONSTRUCTION:	AKTOR S.A.
ARCHITECTURAL DESIGN:	A&D BIRIS & PARTNERS S.A., KPPS
STRUCTURAL DESIGN:	KANON MELETITIKI Ltd, DOMI Ltd (2002 / 2006)

Pictured below is a 12.000m<sup>2</sup> office building complex built for the needs of the Hellenic Technodomiki Group (Aktor, TEB, Hellenic Technodomiki) in the location Kaliftaki - Kifissia. The development of the building's design was done from our firm with the equal participation of DOMI Ltd.

The complex is comprised of four wings due to its triangular shape: three form the sides of a triangle, while the fourth is parallel to its' base. While communication with the fourth wing is made available through the basement, communication between the three wings forming the triangle is direct.



*Elevation of the Hellenic Technodomiki Office building complex*



*Hellenic Technodomiki Office building complex plan*

The buildings have three stories. Each includes E/M facilities, storage rooms and a unified, three-storey high basement with a total area of 30.000m<sup>2</sup> constructed for underground parking. The typical column spacing is 7.80x7.50m In order to save height and facilitate the installation of various E/M conduits; the beams are 50cm in height. The buildings are further separated through expansion joints into seven independent units and the structural frame in the basement is unified. Horizontal forces are undertaken by longitudinal shear walls in the perimeter of the building, as well as in the elevator and staircase shafts.

The foundation of the building was created using a grid of intersecting foundation beams constructed on a layer of a well-compacted gravel and sand.



***Wings 4 to 7: Elevation from the main entrance***



***Wings 1 to 3: Elevation from the main entrance***