



Engineering Structures for Life



BUILDINGS - EDUCATION

UBI Medical

ABOUT

UBI Medical is located in Covilhã and is the most important investment in the scientific area made in this region in the last years with a construction area of 3.000 m².

The UBI Medical is an innovative building on its area and houses laboratories for medical research and also a dedicated area for start-up companies. With a construction area of three thousand square meters, the UBI Medical represented an investment of €3 million. Its construction started on 2012 and opened on 30th April 2013.

Structural solution

The building consists of a reinforced concrete structure with a partially underground level where the ground floor is located, level 1 and the roof. There's also a secondary roof that allows the ventilation of the building.

Geotechnical solution

The excavation reaches a maximum depth of 4 m and given the geotechnical characteristics of the foundation soil, two different foundations solutions were adopted. Part of the building is supported by deep foundations with 0.60m diameter piles and the rest of the building is supported by shallow foundations.

MORE IMAGES

FACTS

Year: 2010-2011

Client: GALP Architects

Services: Detailed design, Structural Engineering, Foundations design, Geotechnical Engineering, Consulting and on-site technical support

TEAM

José Vaz Pinto

LOCATION

Covilhã, Portugal

