Oncology Institute of the Gregorio Marañón Hospital

Ficha técnica

Location: Madrid (Spain)
Client: Sacyr Construcción, S.A.U.
Scope of work: Structural Rehabilitation Project and Technical Assistance during implementation.
Constructed area: 15.000 m2

Architecture Project: Aidhos Arquitectura
Property: Comunidad de Madrid
Year of completion: 2010-2020

P.E.M (Structure): N/D

Descripción

The Instituto Oncológico 'Príncipe de Asturias' of the Hospital General Universitario Gregorio Marañón was inaugurated in 1968 and, since then, has become a national and international reference in cancer care, teaching and research.

The comprehensive refurbishment project of the Oncology Institute will affect more than 15,000 square metres destined for cancer patient care, of which almost 2,000 will correspond to extension space.

The Oncology Institute is made up of two distinct volumes. On the one hand there is the 'V' building with three floors above ground level, and on the other the 'Tower' building with 8 floors above ground level.

For the 'V' building, it has been decided to take advantage of the existing metal structure of pillars and articulated beams, wrapping them with a solution of concrete pillars and beams on which the floor slabs are supported by 20cm solid slabs.

The 'Tower' building was completely demolished and a new building of the same height as the existing one was built. This is resolved by means of concrete pillars and slabs, in addition to a foundation slab.

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