

Isabel Zendal Nurse Hospital



Ficha técnica

Location: Valdebebas, Madrid (España)

Client: Chile 15 Arquitectos, Árgola Arquitectos y EACSN
Scope of work: Structural design and technical assistance during implementation.

Constructed area: 80.000 m²

Architecture Project: Chile 15 Arquitectos, Árgola Arquitectos y EACSN

Property: Comunidad de Madrid
Year of completion: 2020

P.E.M (Structure) N/D

Descripción

The Hospital Enfermera Isabel Zendal was an unprecedented challenge in Spanish construction. It took less than three months from the first numbers to fit the structure to its completion, and the building was delivered in approximately four months from the execution of the first pile. A building that, counting the square metres of foundations, ground floor slab, mezzanine and roof, totals more than 80,000m² that we have designed.

Qube designed 5 of the 6 lots into which the hospital has been divided: Lots A1 (Dragados), A2 (San José) and A3 (Ferroviales) designed by Chile 15 Arquitectos; Lot B1 (Sacyr) designed by the architectural studio Árgola Arquitectos and Lot B2 (Viales) designed by the EACSN studio.

The steel structure was executed by Grupo Dizmar (A1), Anro (A2) and Inbersa (A3 and B1). The general coordination was carried out by Conurma.

The coordination between those involved, the need to provide sufficient information for each company to be able to contract and execute on time and the added complication of the plot, with the existing communication galleries of the old City of Justice project, on which we supported part of the hospital, were some of the difficulties that had to be faced.

Structurally, the building has been resolved by means of a metallic structure, founded on a piled slab and, on occasions, on the existing galleries.