

New Diabetes Centre



Location:
Hull, East Riding of
Yorkshire



Client:
Hull University Teaching
Hospital NHS Trust



Architect:
Alessandro Caruso
Architects



Value:
£4.2m



Civil Engineering

Structural
Engineering

Building
Consultancy

Geotechnical and
Geoenvironmental
Engineering

Project Management

Specialist services

The new Hull University Teaching Hospitals NHS Trust's diabetes and endocrinology outpatient services. Expanded diabetic eye screening facilities are now housed here and there is dedicated space for diabetic foot care.

The bone densitometry service, which helps to identify and manage bone conditions such as osteoporosis and which regularly performs in excess of 5,000 bone scans each year, also has a base here.

Engineering and Design Factors

The project comprised of a new build, 3 storey, iconic steel framed building with an impressive atrium and roof garden including spaces for offices, consultation rooms, ward spaces and specialist testing rooms. The project was made more challenging as the Engineering had to not only ensure the building was fit for purpose in terms of functionality and meeting the standards for specialist equipment loading and dynamic requirements but also incorporate the clients' aesthetic aspirations including structural curves and cantilevers throughout the structure. The structure consisted of a steel frame, composite concrete / steel floors, suspended concrete ground floor slab with piled foundations. The building was completed in September 2021.

Alan Wood & Partners provided full Civil & Structural Engineering Services from RIBA Stage 1 (Preparation and Brief) to RIBA Stage 7 (In Use). Structural Engineering Services were delivered under ACE Conditions of Engagement 2009: Agreement 1: Design and Schedule of Services Part G (a) Civil and Structural Engineering, non-lead consultant.

Description of the Works

Alan Wood & Partners provided civil, structural and geotechnical services throughout the project. Whilst not a specific requirement on the contract, the project aligned with BIM level 2 standards. Alan Wood & Partners are BIM level 2 accredited to ISO19650.

Core services

Civil Engineering / Structural Engineering / Building Consultancy /
Geotechnical and Geoenvironmental Engineering

Sectors

Health, Social Care and Bluelight