

Case study

Diabetes Centre's

A new diabetes and endocrinology outpatient centre for University Teaching Hospitals NHS Trust, Hull was developed and built with a donation from Dr Allam, owner of Hull City Football Club.

It includes expanded diabetic eye screening facilities and a dedicated space for diabetic foot care. The bone densitometry service, which helps detect and manage bone conditions like osteoporosis, and performs over 5,000 bone scans each year, also has a base here.

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 Client's 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.

Alan Wood & Partners (AWP) 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. AWP are BIM Level 2 accredited to ISO19650.



Location:
University of Hull



Client:
Hull University Teaching
Hospital NHS Trust



Architect:
Alessandro Caruso



Value:
£4.2m



Civil
Engineering

Structural
Engineering

Geotechnical and
Geoenvironmental

Engineer/
Manage/
Deliver/