

# Scientific Support Unit, West Yorkshire Police



Location:  
Wakefield, West  
Yorkshire



Client:  
West Yorkshire Police  
Authority



Architect:  
Rance, Booth & Smith



Value:  
£15m



Civil Engineering

Structural  
Engineering

Building Consultancy

Geotechnical and  
Geoenvironmental  
Engineering

Project Management

Specialist services

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West Yorkshire Police require a new flagship building to house their Scientific Support Unit.

This will contain their principal forensic departments, including Fingerprints Development Laboratory, Imaging Unit and Intelligence.

## Engineering and Design Factors

The proposed 7,300sqm building is to comprise a three storey reinforced concrete flat slab structure founded on piles. Alan Wood & Partners were commissioned to provide full structural and underground drainage services.

## Description of the Works

Sustainability, energy efficiency and future proofing were key objectives of the scheme, which achieve BREEAM excellent. The building is heavily serviced with a highly complex IT network. Engineering challenges included a site with over two metres of variable fill, long structural spans and complex architectural facades.

## Core services

Civil Engineering / Structural Engineering

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## Sectors

Commercial, Retail and Leisure