

## Sherwood Lodge Training Facility



### KEY FACTS

#### CLIENT

Nottinghamshire Police and  
Nottinghamshire Fire and Rescue  
Services

#### YEAR COMPLETED

2022

#### SECTOR

Blue Light

### PROJECT DESCRIPTION

The three-storey structure is an open plan building with annexed sports/training hall. The building includes a multi-agency strategic and tactical control room, police control room and training classrooms. As well as a number of shared offices there is a canteen, gym, sports hall and changing rooms. Positioned on land behind the current Police HQ at Sherwood Lodge, the new building forms part of the wider campus of existing facilities and includes a new access road with a total of 940 car parking spaces. Alongside, minor alterations were done to the existing building to optimise their usage.

For the new building we designed a steel frame with a profiled metal deck floor. The traditional steel frame is formed with columns approximately 10x7m and due to the relatively long spans (10m) the steel beams have been designed to act compositely with the concrete floor deck to maximise the efficiency of the structure.

### SERVICES PROVIDED

Due diligence  
Flood risk assessment  
Transport planning  
Ground investigation  
Drainage strategy  
Geotechnical consultancy  
Environmental Consultancy  
Civil engineering design  
Drainage design  
Structural design  
Foundation Design  
Earthworks

### KEY CONTACT

Dan Bailey – 07866 251973  
dan.bailey@hwaconsulting.co.uk