

Platform 1B, New Street Station - Birmingham



Project:

New staff accommodation, Platform 1B, New Street Station

Location:

Birmingham New Street Station

Client:

Network Rail

Consulting Engineer:

Alan Wood & Partners

Architect:

Caledonian Building Systems

Principle Contractor:

MACE

Project Value:

£6.5 million

Scheme Value:

£600 million Gateway Plus
Redevelopment Scheme

Description:

The new staff accommodation is located in the heart of Birmingham city centre, adjacent to Platform 1B of the New Street Station. As part of an ongoing improvement and development scheme, additional staff accommodation was required. Alan Wood & Partners were appointed to provide Civil and Structural engineering for the 4 storey steel modular building.

The main challenges of the project were that the site was split over various levels, with a live platform adjacent and built over an existing tunnel. Due to the tight schedule a modular building was opted for, although the complicated geometry and split levels on the site meant that a braced steel transfer structure, with large cantilevering beams, was required.