

Network Rail - Access for All Programme



Project:

Installation of Platform Lifts

Location:

Edinburgh Waverley, Berkhamsted
& Hemel Hempstead Stations

Client:

C Spencer Ltd

Consulting Engineer:

Alan Wood & Partners



Description:

Alan Wood & Partners were appointed as the Consulting Engineers for the Network Rail programme of works to provide step free access in their stations that don't currently comply with the Code of Practice for Accessible Station Design and Equality Act 2010 requirements.

C Spencer Ltd have been appointed as one of Network Rail's partners to deliver the projects on site, who in turn have appointed Alan Wood to provide civil & structural design services, producing the Form B documentation.

At Edinburgh Waverley, two new lifts are being provided from platform level up to an existing overpass pedestrian bridge. The bridge structure required a complete

structural appraisal where side girders were cut to provide access to the lifts.

At both Berkhamsted and Hemel Hempstead new lift shafts are sunk below the platforms to provide access into existing pedestrian underpasses. The shafts are formed by installing contiguous piled walls which are temporarily propped during excavation until the permanent in situ concrete lift shafts are formed.

All stations remain fully operational throughout the works, with the associated issues regarding working adjacent to live rails and overhead power supplies. To comply with Network Rail guidelines, full details of the works with associated method statements and risk assessments need to be incorporated within the Form 003 information.