

RAIL**CONTRACT:** Brighton Traincare Depot**CONTRACT PERIOD:** 18 Weeks**CLIENT:** AMEC Capital Projects Ltd
Amec House
Heron Drive
Langley, Slough
Berkshire
SL3 8XP**VALUE:** £1.2 million**CONTRACT DESCRIPTION:**

The contract incorporated three packages. The first package was the demolition and removal of the existing concrete structure and bulk excavation of the underlying chalk. The second element of the works was the supply and placing of drainage within the existing building. The main portion of the works was the construction of the reinforced concrete structure. The concrete was to a very high quality finish with the majority of the structures forming the completed viewed finish. The location of the works was within an existing brick built rail shed. The building was listed and the outer shell could not be altered in any way. The existing building required temporary works and props to maintain the structural integrity whilst works progressed. The works are sequenced and had to be carried out with sections of the rail shed still within operation. There was only one opening 4.8m wide for access and egress and therefore all excavation and filling had to be at least double handled. There was also limited site storage space available and a 'just in time' method of material ordering had to be adopted. The project works had to be carried out by working around the existing temporary works structures. The location of the works within the existing shed did not allow for the use of a tower crane due to the roof remaining on the building throughout our programme. This made the works more difficult but was overcome by meticulous planning and sequencing of the works.

ENGINEER: Jacobs Gibb
Barnards Inn
86 Fetter Ln
London
EC4A 1EN