Case Study – Student Accommodation Aspect 3, Sheffield.

Brief Description

New student accommodation arranged around a centrally landscaped courtyard, including living 'green walls' and a wildlife area. These buildings are within a few minutes' walk from the University of Sheffield and nearby Sheffield Hallam University. PWA's role, under this D&B contract, was the procurement of SI, demolition drawings, design of the foundation and major highway retaining walls on this steeply sloping site.

Technical Information

D&B Contract Sum: £15m

Contract Duration: Start May 2007 – Completed Mid September 2008

D&B Client: Clegg Construction, Nottingham

Role & Challenges

Phew, this project kept us on our toes. We had to design this complex building on a steeply sloping site, bounded by public highways. Worst still, we could only procure limited SI due to the existing buildings on site and therefore, the foundation shape and final depth was based on engineering judgment. Once the contract was let and the buildings were demolished, we had to adapt our structure to suit hidden buried relic structures, level differences and highway structures. Throughout the contract we kept the flow of design information well in front of the programme and made savings for Clegg Construction.

References

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