



'Devine 

Group of Companies

Case Study

Digging in at Amersham to Taylor for an underground car park

J Devine Civil Engineering Ltd have forged an enviable working relationship with Taylor Woodrow Developments when it comes to basement construction. Following the initial success in 2000 at Walton-on-Thames where 10,000m³ of muck was excavated to provide underground car parking for a residential block.



J Devine were again contracted in 2002 to carry out a very similar contract in Beaconsfield, Buckinghamshire. The latest project is nearing first phase completion at Amersham, Buckinghamshire where J Devine have again been called upon to provide a basement structure for a residential block. Using the close working relationship developed with Taylor Woodrow Developments, all these projects have been completed on time and to budget.



In January 2003, J Devine were appointed principal contractor to manage and produce all aspects of the groundworks on the project at Amersham. J Devine were involved from an early stage and were able to value engineer aspects of the project to simplify the construction process whilst offering the client savings on budget. This work has been carried out in a sensitive environment adjacent to Amersham Hospital and behind an existing residential occupied block.

Amersham Statistics

- > 27,500m³ of bulk excavation carried out in 6 weeks with a further 5,000m³ removed during the works.
- > 665 piles installed in foundations and retaining walls.
- > 150 tonnes of reinforcement and 2,000 tonnes of concrete in foundations.
- > 3,000m² of podium slab using 200 tonnes of reinforcement and 3,000 tonnes of concrete.
- > 3,000m² of underground car parking and service areas.
- > Sub-contract value of £3 million.
- > 26 week programme completed in 24 weeks.



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