



Basement Car Park Princes Street, Corbridge

This project was located in a very restricted site in the centre of historic Corbridge.

The challenge set to Northern Construction Solutions was to construct a 3 metre deep basement car park to within 1 metre of the site boundaries and neighbouring structures.

The contract comprised the installation of an eight metre deep contiguous piled wall, construction of a fibre reinforced concrete basement slab, reinforced concrete columns and lift shaft and a 325mm deep reinforced concrete suspended floor slab.

The works also included the installation of foul and surface water drainage, pumping mains, waterproofing and retaining walls for external works.

Due to the restricted access, working areas and complexities of the project, it was essential to plan and organise the sequence and construction in great detail, thus ensuring an efficient operation once the contract was underway. This included some 5000 tonnes of import and disposal to the site, a road closure for connection into the Northumbrian Water sewer outfall and co-ordination of piling and concreting operations to minimise disruption to the neighbouring houses and businesses.

Client	County Life Homes
Value	£410,000
Duration	20 Weeks

