

Retail

B&Q Superstore, Park Farm Road, Folkestone

This new development for a B&Q Superstore in Folkestone Kent required a large cut and fill exercise using sheet piled retaining walls to facilitate a level site on what is a relatively steep hillside area to the south of the channel tunnel rail link.

In order to undertake the cut exercise, an existing surface water drainage culvert had to be diverted. During the course of the excavations a number of land drains were encountered, which also had to be diverted. Years of leakage from the culvert and land drains had created large pockets of very poor ground, which had to be replaced with recycled crushed concrete.

A large surface water attenuation system was incorporated below the new front car park so that the discharge of both the ground water and surface run off from the car park into the local authority sewer was kept within acceptable limits.

The existing concrete hard standings and ground slabs from the existing industrial building on the site were broken up on site and crushed in order to allow use of the material for a ground improvement capping layer.

