

Eastleigh, Hampshire

Client: Birse Build / B&Q
Value: £380,000
Location: Hampshire

Provectus were contracted by Birse Build to carry out the Bulk Excavation for the basement at the new B&Q Headquarters in Eastleigh, Hampshire.

Elements of the contract included the following:

- Placement of 102lin.m of temporary sheet piled wall in accordance with client specifications;
- Demolition of remaining structures on site;
- Undertake a reduced level excavation to approved levels to facilitate basement construction;
- Designate excavated materials either for re-use on site, recycling or to appropriate landfill under full Duty of Care requirements;
- Provide an engineered layer of approved Type 1 material across the entire site to a designated thickness to obtain required final levels.



Prior to commencement of excavation the sheet piled wall was installed and three interceptors identified on site were cleaned out prior to removal. All hardstandings were broken out and any concrete was retained for reprocessing to Type 1 material for re-use on site. Any concrete excavated as part of the contract was also retained.

Material was segregated as excavation proceeded into three categories: Concrete for re-use; inert materials for re-processing or use off site; and contaminated materials for disposal. Some approved Type 1 material was also imported as part of the works. Any material that was re-used on site was subject to chemical and geotechnical validation with Type 1 material being placed in accordance with the Highways specification.

The project was completed within budget and one week ahead of schedule with site works being completed within six weeks. Volumes of materials associated with the works were as follows:

- Hardstanding, crushed to Type 1 for re-use – 1,600m³.
- Imported Type 1 – 1,785m³.
- Material removed for re-cycling or re-use – 11,128m³.
- Material removed as contaminated – 2,852m³.