

Stockport Homes, Charles Street, Stockport £0.7m

C&R

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CPUK Civils and Remediation proposed a site wide combined solution for this project on a design and build basis. The works commenced with environmental clear of residual occupier waste before commencing the asbestos removal to the existing structures on site. Following asbestos clearance, the buildings were soft stripped and demolished with all arising's sifted, sorted and separated, with brickwork and concrete processed to 6F2 and MOT for re use on site. Remediation of asbestos and chemical contamination in the soils were progressed to a pre agreed strategy with the local EHO and planning. Chemical contamination was bio remediated with the asbestos in soils delineated, removed and placed at significant depth.



The geotechnical design proposal was to remove 3m of made ground, (63,000m³) removal and process of all relic foundations, place a load transfer platform (LTP) at 0.3m of 6F2 with geogrids and reinforcing membrane, then re-engineer the site with fill to finished level (minus construction depth) in class 1 graded, engineered and tested general fill to the Specification to Highways Works (SHW) Series 600.

Japanese Knotweed was located, removed and placed at depth in a lined cell to prevent re growth via a pre designed and agreed technical note with EA, EHO and local planning.

The works were completed on time, to budget, with nil safety incidents on pre agreed 23 week duration. CPUK C&R provided a fully profiled level surface for the build team to progress direct to standard foundation construction, with all road capping in place for the build. The finished works were approved by Stockport Council Planning, Highways, EHO and the NHBC.



CPUK C&R engaged with the local Job Centre Plus to seek local employment. All site operators were from within a 10 miles radius and were subject to site training and up skilling. On this particular site we employed a Trainee QS who remains with the business and is continuing a professional apprenticeship with the company.

"The pro-active approach and technical ability of the C&R team was excellent. Their total management of the remediation process in terms of gaining approvals from Environmental Health, Planning and Highways Authorities, has provided us with a seamless transition between enabling the site and starting construction."

Bill Metcalfe— Operations Director—CPUK Living

Key Elements

- Asbestos removal and demolition completed in a sensitive housing area without incident.
- 63,000m³ of bulk dig and re-engineer to SHW.
- No disposal or import, mitigating local traffic issues.
- Remediation signed off promptly by EHO.
- Japanese Knotweed managed on site.

