

Former Powergen Site, Shirley, £1.25m

C&R

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Fully re-profiled site

This project required demolition, remediation and infrastructure of the former Powergen high rise buildings and multi-story car park for future redevelopment of this town centre site.

The works comprised of arrangements with the appropriate authorities for disconnection of services and removal of fittings and equipment of previous owners. We began with the internal strip out and recycling of all segregated waste, timber, glass, plastic and plasterboard. Followed by the asbestos removal including licenced Notifiable asbestos.

The project team then prepared the road closure, to enable the demolition of the 4 and 8 story buildings, to be taken back from the existing dual carriageway at the site boundary. Further road closures and night working continued on other areas of this scheme to mitigate traffic issues.

The four structures within the site boundary were demolished including foundations to -8m and underground structures including all drains, tanks and voids. Contaminated hotspots were removed and bio remediated before placing at depth on site.

All concrete and brickwork has been recycled into materials for reuse on site as 6N structural backfills to basements and voids, with the remainder reused on site in the new roads and sewers. The site was remodelled in preparation for a new build following completion of the drainage and road infrastructure.



Roads

Key Elements

- Live town centre environment
- High rise building and multi-story car park demolition
- Significant Temporary works
- Traffic management and lane closures for the demolition pinch point
- Installation of roads, sewers and Section 278 works

"CPUK were well organised, dealt professionally with the works and exhibited flexibility to deal with unexpected issues to minimise impact on programme and cost. They liaised effectively and skillfully with the general public as the site was located in the town centre and subject to considerable scrutiny. I would definitely consider them again for future projects."

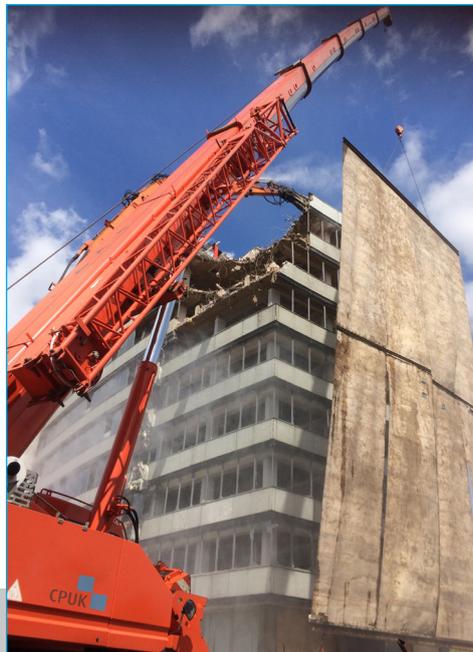
Keith Bagby - Director, RPS



Multi-story car park demolition



Demolition long arm muncher with dust control



High rise demolition with debris screen



High rise demolition progression