

HOUSING**CONTRACT:** Abbey Road, Barking**CONTRACT PERIOD:** 44 Weeks**CLIENT:** Furlong Homes Ltd
Wellington House
Trust Road
Waltham Cross
Herts, EN8 7HF**VALUE:** £4.25 million**CONTRACT DESCRIPTION:**

This project is sited immediately adjacent to the River Roding and was identified as a brownfield site. Close sheet piling with a capping beam was installed, coupled with an elaborate de-watering system (due to its locality next to a river) prior to any groundworks commencing, due to the nature of the contaminated ground intense remediation was required and carried out prior to any material being removed from site. The scheme comprised of the construction of a large waterproof reinforced concrete underground car park (approx 5000m²), together with groundworks for a single block of flats. The project was split in to separate phases for fastrack construction to enable the remediation to commence with the piling and groundworks to follow. Proprietary water proofing was installed to the basement walls, slabs, and drainage/services. The works also consisted of works to associated new road re-alignment and all relevant drainage and service installation, with a 5 metre drainage connection to existing adoptable drainage. Upon completion of the structure works, the external works followed and completed to the high specification and design.

ENGINEER: Walker Associates Consulting
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