

Kings Island

Project Introduction

This is a unique development of a gated island consisting of 151 units - a choice of 1 & 2 Bedroom Apartments and 4 bedroom family houses, bounded by the Grand Union Canal and the River Colne.

Scope of Works

Work comprised of shallow pile cap and ground beam foundations, and in addition two basements for underground car parking were constructed within sheet piled cofferdams, with wellpoint dewatering measures due to the high water table level. Both basements were constructed as watertight structures with a concrete additive and designed joints. On completion the basements were filled with water as a temporary anti-flotation measure until the main structure above was completed.

Due to the historical use of the site some soil contamination was encountered as hot spots, which were re-tested and disposed to an appropriate landfill.

An existing dock was enlarged and refurbished, with silt being excavated, dried with lime and removed off site to facilitate the installation of a hydro-electric turbine for the project.

Hard landscaping was of high quality finishes, comprising of granite kerbs, clay and brick pavements for parking and shared areas.

Access to the site was via a narrow road, and over a small bridge. Logistics were a very important consideration for the successful completion of the project for our client. Access through the site had to be maintained throughout for a lock-keeper to maintain the canal locks. In addition the logistics of a narrow site in managing site traffic and working areas required all contractors working on site to co-ordinate regularly and work as a team to ensure successful completion of the development for all involved.



Site Address

Willow Avenue, Uxbridge

Client Details

Western Homes Ltd

Contract Value

£2.35million

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