

Benjamin Street

London

Keller were asked to install CFA piles for a secant piled wall to form a basement at a residential development on a site in a very congested area of London.



The project

Keller installed a combination of 600mm diameter hard and soft piles to an average length of 24.5m. A total of 170 linear metres of secant wall were completed in combination with 70 No. bearing piles.

The challenge

The greatest risk identified and managed at tender was the restricted working area. The production rate and method of piling was identified in our proposal and these procedures adopted. Close collaboration with the client and the nominated groundworker was developed to ensure programme security. This allowed all party wall and approval in principle issues to be addressed.

The solution

A simple and clear instruction for the scheme which was clearly briefed to all operatives. The whole site was available for Keller to complete works. The site team planned and executed works accurately and developed a good working relationship with the client.

Project facts

Owner(s)

Girdlers of London

Keller business unit(s)

Keller UK

Main contractor(s)

Knight Harwood

Solutions

Excavation support

Markets

Residential

Techniques

Secant pile walls

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