

Roebuck Park, Hellingly, Sussex

Driving of steel tube piles for housing development.



AARSLEFF

The Persimmon Homes development The Drive at Roebuck Park at Hellingly in East Sussex is a superb development of two, three, four and five bedroom apartments and houses surrounded by acres of parkland and ancient semi-natural woodland.

Comprising 38 acres, Roebuck Park offers new home buyers unparalleled luxury living space, with over half of the development dedicated to parkland, play areas, allotments, a sports pavilion and cricket green. This expansive site welcomed Aarsleff's piling team three times over a period of 18 months to install 400 tubular steel piles.

Persimmon turned to Aarsleff for the complete piling service including the design of the piling platform, full on-site setting out, the pile supply and the driven piling operations and dynamic testing. The 400 tubular steel piles of 178mm diameter were driven home to a maximum depth of seven metres achieving a pile load of 300KN.

A Banut 17 piling rig from Aarsleff's extensive fleet carried out the installation. Steel tubular piles were specified due to the buried ground obstructions caused by earlier demolition works of an old hospital on this extensive site.

Nathan Sale of Aarsleff, project manager of the third visit to this site, says: "We were called in for this visit at short notice as the ground works had proved difficult through the buried obstructions. It was quite tight for access on this busy development but Persimmon's site team worked hard to make it safe and practical for us to deliver the piling project swiftly."

Phil Jones, site manager for Persimmon at Roebuck Park, moving on to the final build stage during a period of encouragingly good sales said "The Aarsleff team were faultless on all three visits to the site. The last project was at very short notice and they were with us within a week which meant that I could keep to my build schedule having got over the problems. Their crew was always neat and tidy and really got on with the job effectively and efficiently."



Scope of Works

400no, 178mm Open ended steel tube piles

Equipment

Banut 700

Client

Persimmon Homes

Construction period

2012 - 2014

Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractors; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.

Contact

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