

Old Leake, Boston, Lincolnshire

Installing precast pile and ground beams for new residential development



AARSLEFF

Taylor Pearson Developments negotiated a turnkey contract with Waterloo Housing Group for the provision of 22 new affordable rental and shared ownership homes on a quiet cul de sac in Old Leake, Lincolnshire. The area, situated approximately 8 miles from the market town of Boston, on the A52 road between Leverton and Wrangle, will home six 2-3 bedroom houses. Aarsleff Ground Engineering was awarded the foundations contract comprising piling and ground beams for plots 1-22 of this new residential development.

Aarsleff employed its Banut 300 to drive 177no driven precast concrete piles of section 200mm square of length exceeding 10m but not exceeding 14m. Once the pile foundations were in place, Aarsleff Ground Engineering supplied and installed the Centrum Ground Beam system consisting of 623linear metre of 450mm X450mm precast concrete beam. Aarsleff's innovative Ground Beam system was chosen as a cost-effective and quick solution, as it could be installed as an integrated element of the foundation works.

Taylor Pearson Construction's supervisor Simon Harrison spoke about their experience with Aarsleff: "The Aarsleff lads on site were extremely professional. They were good workers and have got on with everybody on site".

The housing development is due to be completed in March 2018.

Scope of Works

177 No. driven precast concrete piles
623m of precast concrete ground beam

Client

Waterloo Housing Group

Contractor

Taylor Pearson Construction Ltd

Equipment

ABI Banut 300

Construction period

July 2017

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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