

# Blackpool FC – Jimmy Armfield South Stand

Driving of precast piles for a new football seating stand.



**AARSLEFF**

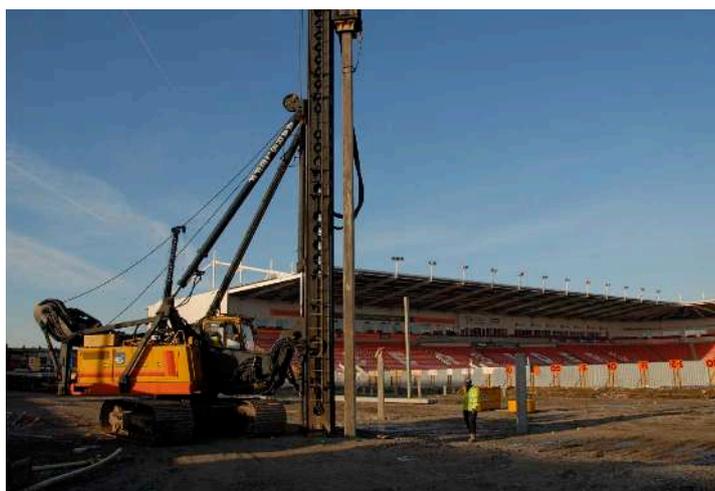
March 2010 saw the completion of Blackpool Football Club's newly constructed 3,500 seater covered Jimmy Armfield South Stand, as the The Seaside's moved up to the Premier League so too did their Stadium at Bloomfield Road.

Project managers Fletcher King Howard Associates signed Aarsleff to provide the support for the club's new stand by means of 306 driven precast concrete piles.

"Although we were more expensive than other players, we were able to respond in a positive way to various issues and concerns raised by the client's construction consultant and project manager Fletcher King Howard Associates," said Aarsleff Estimating Manager Martin Waite. "We had worked for FKH on an adjacent hotel project and our subsidiary company Centrum Pile is the UK's only precast concrete pile manufacture to currently comply with the stringent BS EN12794: 2005 Precast concrete products. Foundation piles. The standard, formally introduced in January 2008, allows Centrum to make and supply piles with the CE mark of conformity. Centrum is also the UK's leading and largest manufacturer of continuously reinforced precast concrete piles servicing a wide range of customers throughout the UK. I believe that our success on the previous FKH project, and compliance with the standard, answered many of FKH's queries and was a major factor in us winning the job."

Aarsleff supplied and installed the piles, which were designed to accommodate the site investigation, layout and loadings supplied by FKH's Manchester based structural engineer TRP Consultants. The 250mm and 300mm square section piles are installed on a grid pattern and in a variety of clusters of singles, twos, threes and fours; ranging from 14m to 21m in length with about 90% incorporating cast insitu mechanical joints to accommodate loads up to 650kN.

Despite Aarsleff being, at tender stage, considerably more expensive than the other players the company won the contract in open tender. "Aarsleff had previously installed the piling for us on the adjacent Travelodge Hotel," says FKH project manager Brendan Flanagan. "That job went very well and, despite being more expensive than other piling contractors, this was a significant reason why we appointed Aarsleff to install the piles for Blackpool FC's south stand."



**Scope of Works**

306 No. of 250mm and 300mm square precast reinforced concrete piles

**Equipment**

2 Banut self-erecting drop hammer fixed leader rigs.

**Client**

Fletcher King Howard Associates/Promenade Construction Ltd

**Construction period**

December 2008

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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