

# Sheet Piling Works Isel Road, Cockermouth



**AARSLEFF**

Aarsleff Ground Engineering were appointed by one of the UK's leading retirement developers McCarthy & Stone for the pre-auger and installation of two sheet piled retaining walls for the construction of new retirement flats in Isel Road, Cockermouth in Cumbria. Pre-auger was carried out by an ABI leader rig using 600mm diameter auger. For the permanent structure, Aarsleff installed in loose singles 80No. steel sheet piles of max. length 6.0m to form a cantilever retaining wall approx. 41 l/m with a maximum retained height of 2.0m. For the temporary wall, Aarsleff supplied and installed 40No. temporary sacrificial steel sheet piles of max length 8.0m to form the 23l/m long cantilever retaining wall with a maximum retained height of 2.9m. For the works, Aarsleff deployed the ABI leader rig complete with 925kN

high frequency vibratory hammer to drive the piles to refusal. Aarsleff also utilised a 50-tonne capacity mobile crane operating at a maximum 6m radius to unload and handle the piles and hammer. The new development is expected to be completed in spring 2020. It will comprise a selection of luxury one and two bedroom apartments, designed exclusively for the over 60s. Future homeowners will benefit from a communal lounge, where they can relax and socialise with new neighbours, a guest suite for when friends or family come to stay, and a stunning roof terrace with views over Cockermouth Castle. The contract programme commenced on the 26th March 2019 for 2 weeks.

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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**Scope of Works**  
120 Steel Sheet Piles

**Client**  
McCarthy & Stone

**Equipment**  
ABI leader rig  
50-tonne capacity mobile crane

**Construction period**  
26th March 2019 for 2 Weeks

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