

Care Home, Leicester

Installing soil nails for a retaining wall in danger of collapsing.



AARSLEFF

Aarsleff Ground Engineering were awarded the design and build contract for a retaining wall adjacent to a care home in Leicester, that was in danger of collapse.

A soil nailing option was chosen by Aarsleff as being the most cost effective solution. The wall was being held in place by temporary timber baulks propped against the care home.

Aarsleff installed 60 permanent soil nails and then repointed and repaired areas of collapse. Finally, the voids behind the wall were grouted up.

Soil nails were installed using our Mini Drill mast attached to a 13 tonne excavator reaching over the timber baulks, which were removed as the soil nails were being installed. Permanent caps were then fitted over the soil nails to ensure that they would be safe from damage.

The contract was delivered on time and within budget.

Scope of Works

60 No. Soil Nails
Grouting

Construction period

August 2010

Equipment

Mini Drill Mast attached to
a 13 tonne excavator

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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