

Big W, Stockton on Tees.

Installing soil nails to support existing embankment.



AARSLEFF

Aarsleff Ground Engineering were awarded the ground engineering contract for the Big W near Stockton on Tees.

Aarsleff were called upon when the road had cracked and moved towards the existing brook adjacent to the Big W near Stockton. Aarsleff were contracted to provide support to the existing embankment.

Due to access constraints, we employed our T46 Mini Drill Rig to install the Soil Nails, up to 20 metres in length, through concrete blocks and rubble and into the underlying mudstones.

In order to reduce the costs, and save our clients money, we used Pre-cast concrete bearing plates instead of galvanized steel plates; which would have been prohibitively expensive.

Scope of Works

Soil Nail, Fully Threaded Steel Bar with Extra Large Concrete Slabs acting as bearing plates

Equipment

T46 Mini Drill Rig

Construction period

August 2005

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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