

Cromer Supermarket, Norfolk

Installing soil nails for a new supermarket in Cromer.



AARSLLEFF

Aarsleff Ground Engineering were awarded the design and build ground engineering contract for a new supermarket, just outside Cromer, Norfolk.

The design included the installation of Soil Nails in rows to stabilise the excavated embankment prior to the fixing of a geogrid and face mesh to promote plant growth. The Soil Nails were the self-drilling type incorporating a sacrificial drill bit.

The Soil Nails were drilled into the varying strata using cement grout as a flushing medium. Once the Soil Nail was drilling to depth, the drill rig simply disconnected from the soil nail leaving it in place. The Soil Nailing contract was carried out in the depths of winter, and despite bad weather conditions, the work was completed within timescale.

Soil Nailing can be used for many applications i.e. repairing old walls, bridges, underpinning structures and for motorway widening projects as well as creating space for buildings.

Contact

Aarsleff Ground Engineering
info@arsleff.co.uk | Tel 01636 611140

Scope of Works

Soil nails
Grouting

Equipment

Baby Mait Rig

Client

Calderdale Council

Construction period

December 2012

Contractor

Wates Construction

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.