

Electrification Project GOSPEL OAK TO BARKING

Client
Network Rail

Main Contractor
Murphy Group Ltd

Solution
Piling
Bespoke Precast Foundations
Grouting
Core Drilling
Brickworks

Plant Used
Colmar T10,000FS RRV'S
Trailers
Core Drills

Year
2017

Van Elle was engaged by Murphy Group Ltd to work collaboratively and assist in the delivery of the piling and foundations for the Gospel Oak to Barking Electrification project in London.

Having completed all of the planning meetings, investigation into alternative solutions and the use of innovation to reduce costs/ programme, Van Elle Rail mobilised to site on the 3rd October. The Steel and concrete was ordered from reliable, local suppliers to avoid any downtime or delays due to the lack of, or poor quality, materials. Van Elle Rail proceeded to site on the 3rd October.

The project involved installing 22No. concrete piles to a depth of 4.8m. These were cased through the ballast layer and then augered through the London clay to the designed depth to form the pile. Van Elle also designed, manufactured and installed precast units onto which the electrification stanchions could be seated. This was a bespoke solution and one which Van Elle had never before produced but precision design, trialling and expert engineering ensured its complete success and installation as planned.

Despite the various challenges posed with the location and general working environment of this scheme, the project was completed on time and budget much to the delight of Murphy's Project Director and his team.

"We do not see Van Elle Rail as a subcontractor but rather a partner. With their assistance, the project team have been able to deliver on programme and budget, swiftly overcoming any unforeseen issues in a professional and collaborative manner. This is something which should not be overlooked."

Murphy Group Project Director, Andres Gianetti

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