30%
Savings on original budget costs

Completed on-site in
10
weeks

SPEEDECK
FOUNDATIONS LIMITED

Project Overview

SPEEDECK designed and built 10 Piled Raft Foundations to support a row of terraced homes.

This project is part of a £290m initiative by Lovell Partnerships to construct 766 new homes in Woolwich over six years. This development, emerging from what was once the Morris Walk North and South estates, will feature a diverse selection of housing units ranging from 1 to 4 bedrooms.

Morris South
Woolwich, London

CLIENT TYPE National House Builder
LOCATION Morris South, Woolwich, London
NO. OF UNITS 10 plots, terraced housing rows

Overcoming ground conditions

Completion

The client required a value engineered foundation solution to overcome the challenging ground conditions on site, the compliant design was found to be unfeasible and as such SPEEDECK needed to intervene in a timely manner in order to meet the clients programme dates.

Our design team offered a cost effective solution and a quick turnaround, whilst also offering solutions to reduce cost and time on site in relation to the depth of drainage. SPEEDECK Offered circa 30% savings vs the clients budget.

Due to the variable nature and volume of the made ground a number of pile designs were developed in order to accurately reflect the ground model.

SPEEDECK delivered the 10 slabs for the rows of terraced homes within 10 weeks.

SPEEDECK's successful delivery of the Morris South project highlights its expertise in designing and constructing efficient and reliable foundation solutions. By implementing CFA Piled Raft Foundations tailored to the site's specific ground conditions, SPEEDECK ensured a stable and cost-effective solution that met the project's requirements.

The team's ability to complete the works within the 10-week programme demonstrates its commitment to efficiency, quality, and precision. As part of Lovell Partnerships' larger regeneration initiative, this project contributes to the transformation of Woolwich, supporting the creation of much-needed housing while maintaining high construction standards.