

Case Study

Housing Development Larkhall Phase 2



Project Description:

Enabling works to prepare the site for the construction of 49 new residential properties.

Key Works:

Bulk Earthworks
Soil Modification
Vibro Stone Columns
Steel Driven Piling
Retaining Walls

Client:

Lovell Homes

Date / Duration:

July 2019 / 10 wks

Topsoil Volume:

6,000m³

Cut / Fill Volume:

15,000m³

Project Challenges / GDL Solutions:

- Access through site to existing Primary School to be maintained throughout construction.
- Construction activities scheduled to take account of and minimise impact to previously constructed Phase 1, occupied properties.
- Stockpiled materials from previous construction activities to be incorporated within our works meant materials management very important.

Project Benefits for Client:

- A reduction in the number of piled properties resulted in significant cost savings and simplified house foundation construction for the follow on groundworker.
- Cut / fill balance achieved due to the modification of materials previously stockpiled due to unsuitability without treatment.



www.grounddevelopments.co.uk



EARTHWORKS



SOIL STABILISATION



VIBRO STONE COLUMNS



DEEP SOIL MIXING