

Case Study

New Housing Development Cambusbarron



Project Description:

Enabling works for a new residential development.

Key Works: Bulk Earthworks
Soil Modification

Client: Barratt Homes

Date / Duration: Feb 2022 / 26 wks

Topsoil Strip: 43,610m³

Cut / Fill Volume: 135,300m³

Project Challenges / GDL Solutions:

- Significant amount of upfill meant that many houses would have been piled without modification of onsite soils to provide structural podiums for the houses.
- Careful consideration had to be given to protected trees to be retained on site.

Project Benefits for Client:

- Our approach removed the requirement for abnormal foundations which in turn both brought significant savings and simplified follow on works for the ground-worker.
- Minimising export / import brought, cost savings, environmental benefits and efficiency.



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EARTHWORKS



SOIL STABILISATION



VIBRO STONE COLUMNS



DEEP SOIL MIXING