

Station Close, Morley, Leeds

Our Services

- Rock Slope Stability Assessment
- Stabilisation Design
- Site Supervision



Slope Stabilisation using Rock Bolting

The development of a six-storey residential apartment block was proposed on the site at Station Road, Morley, Leeds.

The south and southwest boundary of the site was formed by a steep slope, which rose to approximately 14metres. Above the slope face lay residential properties.

During the ground works phase of the project the base of the slope was subjected to excavation to facilitate development. This led to the rock face becoming unstable and posed a significant risk to the ground works as well as future users of the site and the proposed structure.

CGL was appointed to undertake a slope stability assessment of the rock face and its overburden material in order to assess the need for stabilisation measures at the site.

CGL undertook a review of available data together with rock mass field mapping, topographical surveys and computer modelling of the rock face in order to assess the overall slope stability and potential failure mechanisms.

CGL provided a design specification and acted on behalf of the Client to supervise the rock face stabilisation measures undertaken by the contractor.

Client: Facia Five Developments Limited
Contractor: Phi Group