CASE STUDY
New Offices
Melton Mowbray

Greenpiling

PROJECT OVERVIEW:

Client:	Melton Mowbray Council
Sub-contracted to:	Hallam Contracts Limited
Engineer	BJB Consultancy
Sector:	Commercial
Value:	£42k
Description of Works:	Design, construct and installation of piles to form part of the foundations for new offices

TECHNICAL DETAILS:

Type of Piling System:	Continuous Flight Auger (CFA)
Soil Conditions:	Made Ground/Clay (Alluvium)/Gravel and Sand/Lias Clay
Max Load kN:	Up to 600kN
Length of piles:	Up to 16m
Type of testing:	Dynamic
No of piles installed:	146 No.
Diameter of piles:	350mm

Continuous Flight Auger piles were chosen for this development due to the close proximity of adjacent retail outlets. Due to the loads required, Green Piling's design was based on 350 diameter piles rather than the 300 diameter specificied.

Despite piling works being delayed during our contract due to issues on site, the works were still completed within the Main Contractors programme of works and within budget.

Dynamic load testing was undertaken, with the CFA piles being temporarily cased allowing the testing to be carried out.