

CASE STUDY
Blocks A and B
The Croft, York



Greenpiling

PROJECT OVERVIEW:

Client: Bellway Homes
Sub-contracted to: Bellway Homes
Engineer: Martin Walsh & Associates
Sector: Residential
Value: £121k

Description of Works: Design, supply and installation of piles and concrete ground beams to form part of the foundations for new housing.

TECHNICAL DETAILS:

Type of Piling System: Continuous Flight Auger Piles (CFA) and Ground Beam Package
Soil Conditions: Made Ground/Soft Clay/Glacial Til
Max Load kN: Up to 455kN
Length of piles: Up to 19m
Type of testing: Static and Integrity
No of piles installed: 162 No.
Diameter of piles: 350mm

Green Piling were subcontracted to install continuous flight auger piles and insitu reinforced concrete ground beams for Bellway Homes.

The CFA piles were constructed over an 11 day period followed by 296m² of 550 x 550 and 300 x 550 concrete ground beams leaving the foundations ready for the bricklayers and drainage contractors to follow on.

The contract as a whole was completed in 6 weeks.

