

CASE STUDY
Sunnybank House
Bolsterstone



Greenpiling

PROJECT OVERVIEW:

Client: Mr Dransfield
Sub-contracted to: Tavern Developments
Engineer: JNP Group
Sector: Residential
Value: £98k

Description of Works: Design, construct and installation of piles to form part of the foundations for a new dwelling.

TECHNICAL DETAILS:

Type of Piling System: Continuous Flight Auger (CFA)
Soil Conditions: Made Ground/Clay/Mudstone/Upper Leaf Huddersfield White Rock
Max Load kN: Up to 1600kN
Length of piles: Up to 13.5m
Type of testing: Integrity
No of piles installed: 219 No.
Diameter of piles: 600mm

Green Piling Limited were subcontracted to design and construct CFA piles for a private residential dwelling. The site was located on a slope with difficult terrain.

Piles were installed to form a contiguous bored pile retaining wall around the basement perimeter, this will act as a cantilever retaining structure. Bearing piles were also installed to form part of the foundations for the new dwelling.

