

CASE STUDY

**Title: Stem Centre,
York University**



Greenpiling

PROJECT OVERVIEW:

Client: York University

Sub-contracted to: JN Bentley

Engineer: ARUP

Sector: Public Sector

Value: £15k

Description of Works: Piling to form part of the foundations for a new National Stem Centre for the University of York.

TECHNICAL DETAILS:

Type of Piling System: CFA (Contiguous Flight Auger)

Soil Conditions: Made Ground/Firm to Stiff Gravelly Clay/Medium Dense to Dense Sand or Silt

Max Load kN: Up to 400kN

Length of piles: Up to 13.5m

Type of testing: Integrity

No of piles installed: 24 No.

Diameter of piles: 450

This project at York University was our first job using our new Soilmec SF50 CFA Rig.

CFA was chosen due to the close proximity of other buildings and the fact that the university would be occupied throughout installation of the piles. CFA offers a quieter installation solution, which is ideal in these conditions.

The piles were installed over a period of 3 days, which was on time and within budget.

