

CASE STUDY

Residential Development, Mowbray Street, Brewery Wharf Sheffield



Greenpiling

PROJECT OVERVIEW:

Client:	Riverdale Group
Sub-contracted to:	Harrison Construction
Engineer	Eastwood and Partners
Sector:	Residential
Value:	£116k

Description of Works: Installation of piles to form part of the foundations for residential accommodation.

TECHNICAL DETAILS:

Type of Piling System:	Steel Tubular
Soil Conditions:	Demolition Rubble/River Deposits/ Coal Measures
Max Load kN:	Up to 1100kN
Length of piles:	Up to 14m
Type of testing:	Dynamic
No of piles installed:	217 No.
Diameter of piles:	220, 275 and 340mm.

Green Piling undertook the design and installation services of Steel Tubular Piles to form part of the foundations for a high rise residential development in the new residential quarter at Kelham Island, Sheffield.

Steel Tubular Piles were chosen over Pre-cast and CFA due to the obstructions showing in the site investigation report and previous experience Green Piling have in the area.

Using 220mm, 275mm and 340mm diameter piles, 217 piles in total were driven to rock head, to depths of up to 14m using a Junttan PM20.

