



Greenpiling

Apartments– Dumballs Road- Cardiff

Details

In advance of the main piling we carried out a programme of trial bores and preliminary test piles, the results of which informed the design submission for the main works.

The main works consisted over 430nr x 600mm diameter CFA piles (compression loads ranging 500kN to 2000kN [600kN tension / 100kN horizontal load]) for 432nr apartments over two blocks. Other works including tower crane piles and additional load testing to working piles.



Key Information

Duration	Feb 2022–April 2022	Number of piles	407 Piles
Rig	Soilmec SF65	Pile Loads	900kN to 2060kN
Piling System	CFA	Pile Lengths	18-21M
Ground conditions	Tidal Flat Deposits-Clay, Silt And Sand	Testing Regime	100% Integrity Testing.

Contact Us

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