



Heli Pile Foundation System

For

O2 Airwave Telecommunications Mast

We were asked by Alifabs to provide a Heli Pile mast base for a 22 metre artificial tree that would carry equipment for O2 AirWave.

Our in-house Engineers designed a modular base that could be easily transported and assembled on site without the need for heavy plant or equipment.

The Heli Piles were installed to a depth of 2.5 metres and proof tested in situ on site to loads in excess of 70kN in tension at each pile point.

The Heli Piles, mast base frame and all the required installation tools and equipment arrived in a van.

With no “wet mix” on site the base was ready for the mast in the afternoon. After 8 hours from arriving on site the mast was erected on it’s new Heli Pile foundation.

Project Managers, Mivan (Telecommunications) Limited, were so impressed with the speed of the installation and the lack of disruption they asked us to provide the foundations for the cabinet as well.

Target continue to provide bespoke foundation solutions for masts and columns across Europe.



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