

THE CHALLENGE

The Safari Park needed to build a new multi-classroom structure which was to consist of classrooms, offices and other facilities along with a suspended decking area overlooking the hippo lakes.

The proposed site was sloping, bounded by a lake and situated between two large trees which needed to be protected.

THE SOLUTION

We supplied and installed QuadraPile helical pile foundations which completely removed the need to use concrete. We then designed the steel work and suspended timber floor structure to take account of the sloping site and

enable the buildings and decking to be constructed on top.

Using our system protected the trees and any risk of concrete contamination in the lakes as well as vastly reducing the amount of excavation required.

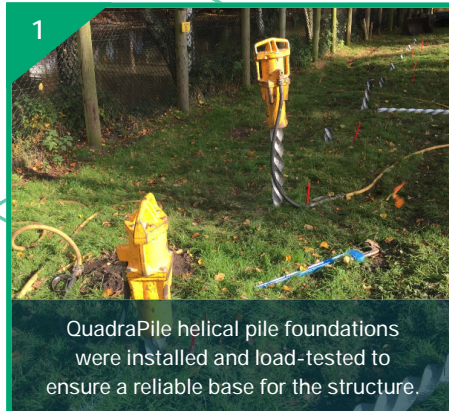
✓ Minimal disruption

✓ Clean, fast, efficient

✓ No mess foundations

✓ Limited access sites

QUADRAPILE THE PROCESS



1 QuadraPile helical pile foundations were installed and load-tested to ensure a reliable base for the structure.



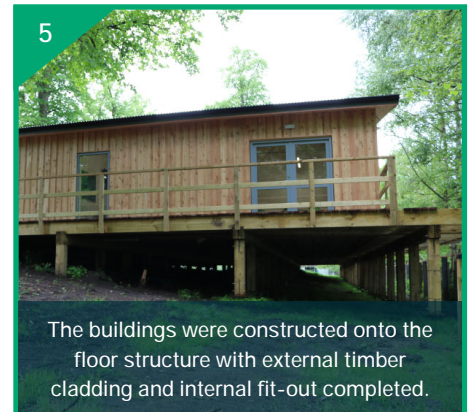
2 Steelwork was fitted to each pile to enable connection of the timber floor structure.



3 Timber columns and beams were fitted to take account of the sloping site.



4 The timber floor structure was fitted onto the columns.



5 The buildings were constructed onto the floor structure with external timber cladding and internal fit-out completed.

To find out more and to see how we could help you, please contact us

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