

Legoland Project Icon

Client: B&E Services

Value: £195,000

Duration: 6 weeks

Issue:

Suttle Piling was appointed to install the foundation piling for a new rollercoaster at Legoland Windsor. The project required the installation of 198 450mm diameter CFA bearing piles and 89 contiguous piles to create the foundations for the attraction.

Due to the rollercoaster's design, the bearing piles had to be installed across seven to eight different levels, requiring exceptional accuracy and careful coordination to ensure every pile met the precise design specification.

Solution:

Our experienced team developed a carefully planned installation programme to manage the complex setting out requirements across the multiple foundation levels.

Using specialist piling equipment and rigorous quality control throughout the installation, we accurately constructed all 198 CFA bearing piles and 89 contiguous piles. Each pile was then concreted and reinforced with steel cages to create the structural foundations required for the rollercoaster.

Meticulous planning, skilled operatives and efficient project management enabled the works to progress safely while maintaining the high level of precision demanded by the project.

Outcome:

The piling works were completed ahead of schedule and without incident, providing the client with a high-quality foundation solution ready for the next stage of construction.

Photographs:



Figure 1: An overview of the site showing the Geax in action



Figure 2: The bearing piles having been installed, filled with concrete and the cages inserted.



Figure 3: The completed Piles